SECURITY MADE IN GERMANY 1883

STUV



Product Catalogue

Cabinet Solutions

Locking Systems, Hinges and Gaskets for Cabinet and Enclosure Construction

CONTENT



Locking systems
Swinghandles
Components **1**



Quarter turns
and latches **2**



Hinges **3**



Clamping screws **4**



Accessories **5**



Gaskets and
edge protection profiles **6**



PYLOCX®
Smart Access
Solutions **7**

Cabinet Solutions. Since 1883.

Intelligent access control.

Reliable technology security.

STUV is Europe‘s leading supplier of mechanical and electromechanical locking systems. For over 140 years, we have been developing solutions that secure technology, protect processes and ensure availability – in machines, control cabinets, containers, data centres, railway vehicles and telecommunications infrastructure. Our systems are used wherever security is not optional, but a prerequisite.

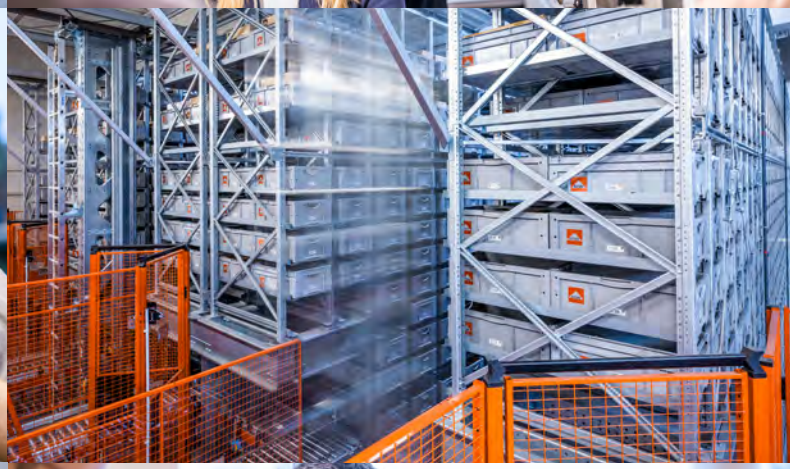
We think in terms of applications – not articles. In terms of responsibility – not quantities. Our solutions are based on specific requirements: on site, in consultation with designers, project managers and operators. Whether in industry, transport or energy supply – we know the fields of application and know what counts: reliable function, standard-compliant design, simple integration and permanent availability.

What makes us special: we develop solutions where other standards end. With our own design department, our own test laboratory and our own production facilities, we accompany projects from the initial idea to series production – efficiently, practically and responsibly. Our systems are created from real requirements. And often become the benchmark for others tomorrow.

Our customers trust in solutions that work. Because they are robust. Well thought-out. And because they come from a partner who takes technology seriously – and never leaves safety to chance.

Security made in Germany since 1883.




HyFlex
STUV


KEYENCE






**You concentrate on your business,
we‘ve got your back.**

Your advantages

- **Personal contact person**
- **Modular product portfolio:
  Closures, hinges, seals, accessories**
- **Secure and flexible supply chain**
- **In-house production and global partner network**
- **Just-in-time delivery on request**
- **In-house development and design**
- **CAD data and technical information**
- **Excellent value for money**

35,000 product solutions
24,000 customers worldwide
Research and development
Made in Germany
Over 200 employees



Andreas Kupka
Managing Director (CEO)

„The security of our access solutions begins where the imagination of others ends.“

Andreas Kupka
CEO



Your requirements.
Our solutions.





Locking systems



Quarter turns and latches



Hinges



Gaskets and edge protection profiles



Clamping bolts



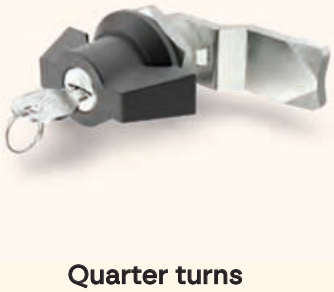
Accessories

Product overview



Locking system

Swing handles offer greater comfort and security. They enable the use of a wide variety of cylinders and are ideal for multipoint locking systems – both inside and outside the sealing area. Multiple locking points ensure particularly tight and reliable closure, even with high sealing pressure or complex housing designs. Our locking systems thus combine functionality, flexibility and maximum safety in a single solution.



Quarter turns

As the original inventor of the quarter turn mechanism, we provide an unmatched range of solutions and configurations to meet diverse technical requirements.



Fasteners

In addition to our standard quarter turns, we offer numerous fastening systems for special applications. These include ball catches, snap fasteners, clamping fasteners and quick-release fasteners – functional, robust and precisely tailored to the respective area of application.



Hinges

Hinges not only enable doors and flaps to move. They also allow adjustments to be made, can be unhinged, can be visible or concealed, and adapt perfectly to any door situation. With our standard range and customised solutions, we can meet almost any customer requirement.



Handles

Our range of handles is optimised for a wide variety of applications. Many models can be installed without tools if desired. Whether classic solutions or designoriented handles – we offer numerous materials and designs that perfectly combine functionality and aesthetics.



Gaskets & edge protection profiles

As a system supplier, we offer a variety of gaskets and edge protection profiles. We offer a wide range of materials (e.g. fire protection gaskets, hygiene gaskets) and also provide customised designs with vulcanised corners, rings and frames in various cross-sections, profile shapes and mounting options.



Clamping screws

Clamp screws connect electrical conductors reliably and efficiently. They enable quick, flexible connections that can be easily loosened or adjusted as needed – ideal for switch cabinets, junction boxes and industrial applications.



Accessories

Our complementary products are precisely tailored to our range. Circuit diagram pockets, machine feet and other components complete industrial enclosure construction with practical functionality and high quality.

Systematic safety for mechanical and plant engineering, rail transport, transport and logistics, telecommunications



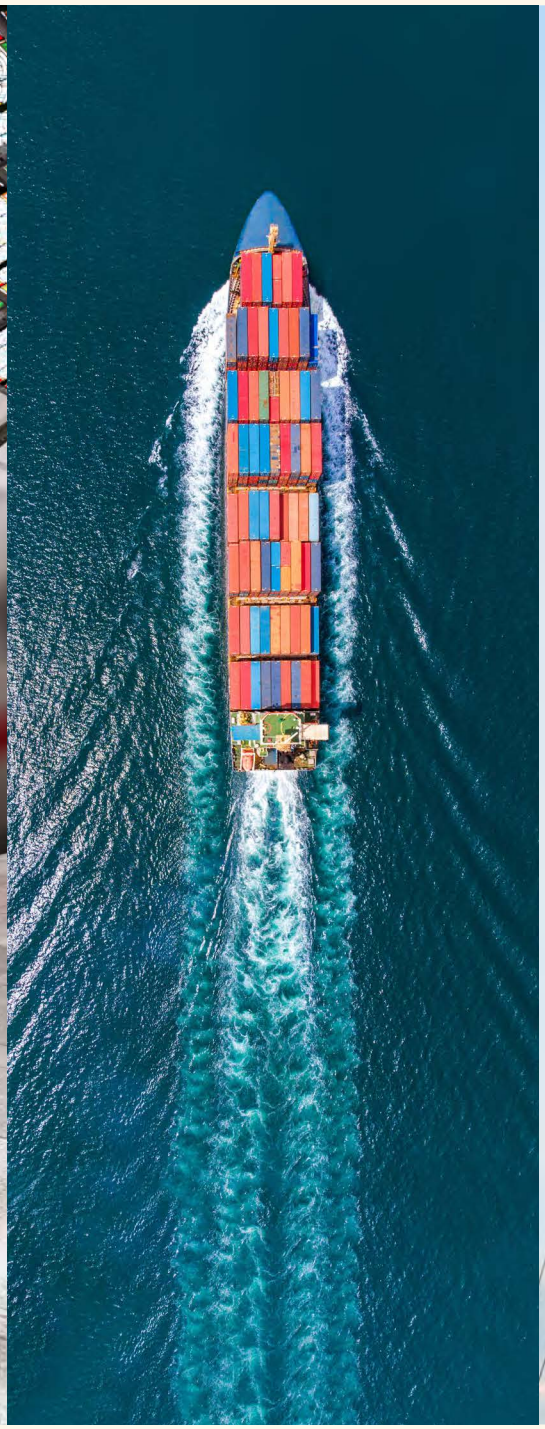
Diverse industries. One solution: STUV.

Whether in a compact network cabinet or a 40-foot container, STUV solutions secure access, control authorisations and make systems tamper-proof.

Our technology is used wherever reliability is a must – whether in data centres, switchgear, railway applications or telecommunications. The requirements are diverse. The answer is always the same: STUV.

We demonstrate commitment – for every industry.



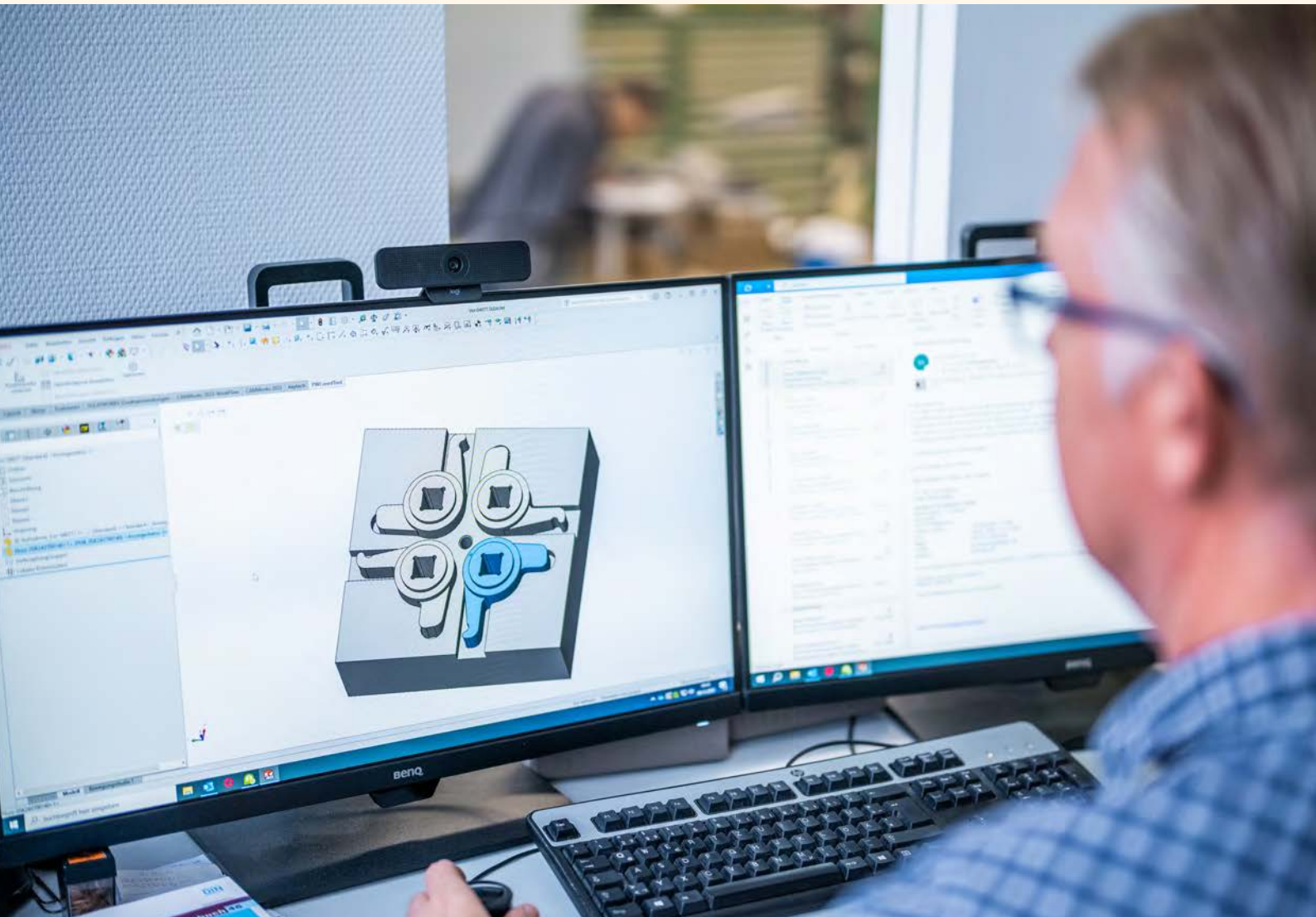




Development & manufacturing expertise

FROM IDEA TO SOLUTION – IN-HOUSE AT STUV.
Every STUV component is based on a clear requirement: maximum safety, intelligent function, uncompromising quality. To achieve this, our engineering teams develop every solution themselves – using state-of-the-art CAD technology, in-depth application knowledge and a keen sense of what is technically feasible.

Whether it‘s a new development or a custom adaptation:
we accompany projects from the initial sketch to series production. Short communication channels, flexible design units and a clear focus on industry-specific requirements turn ideas into solutions – and solutions into standards.





Customised solutions in record time

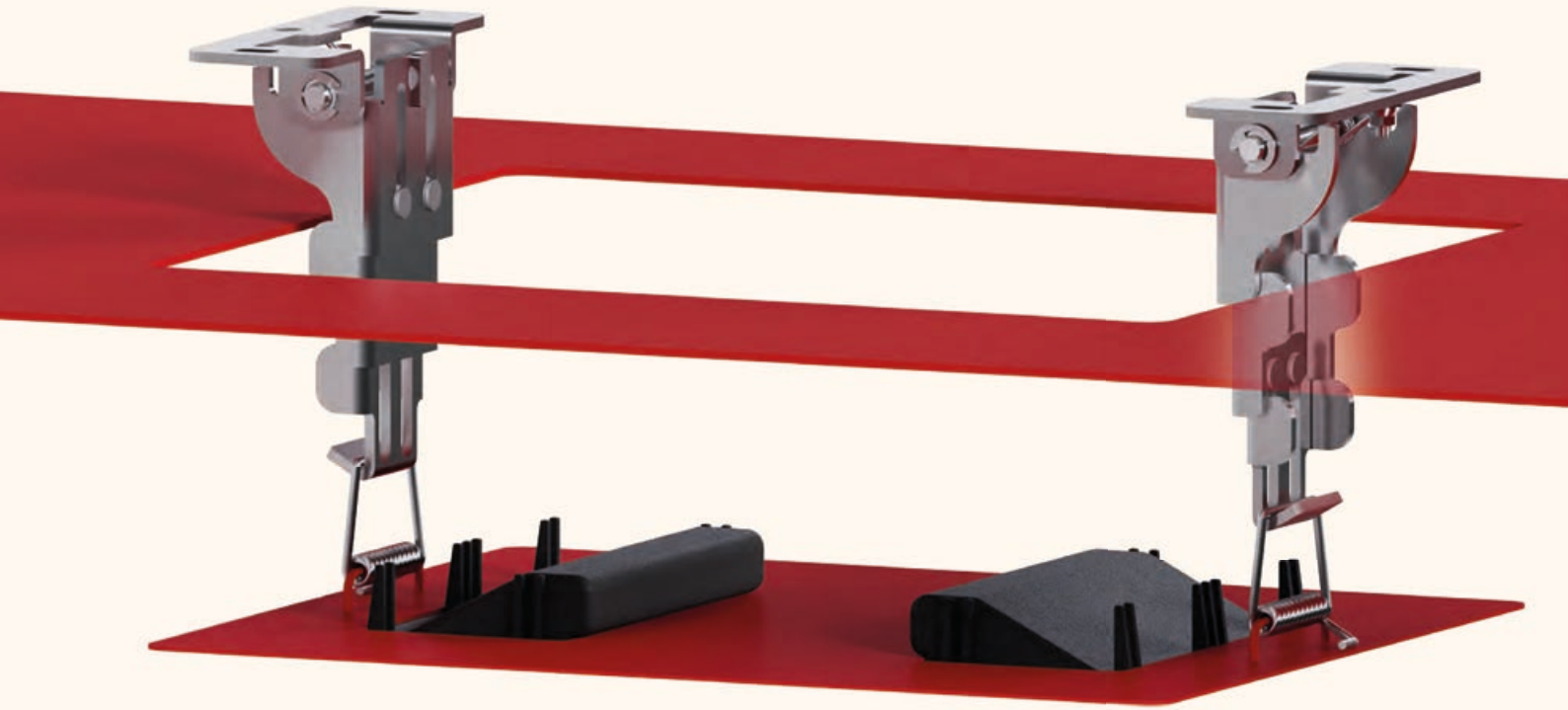
Locking solutions – perfectly tailored and with maximum locking comfort:
Our customer has been relying on STUV fasteners, hinges and seals for over 40 years. STUV fastening solutions also ensure safe opening and closing in the latest development project.

The focus of the design was
a new catch hinge for securing the inspection flaps of the systems, which are mounted on the ceiling and must be quickly accessible in an emergency without the flap falling down when pulled out.

The challenge:
Trotz Despite an extensive portfolio of over 35,000 items, it turned out that no suitable standard hinge was available for the special requirements of the inspection flaps. These inspection flaps are flush-mounted and must be pulled down in the event of a malfunction. They must be held securely in place before the flap is unhooked.
An additional challenge was the tight schedule of six weeks from order placement to initial sample approval.

The solution:
The newly developed catch hinge meets the highest standards. When closed, a magnetic lock in the hinge holds the inspection flap in position. As soon as the inspection flap is opened by pulling down on the shell handles from our standard range, it can be opened safely in two stages thanks to the catch hinge. When open, spring-loaded hooks allow the flap to be removed. What sets STUV apart from its competitors is 140 years of experience in the metalworking industry and industry expertise that produces customised solutions at an excellent price-performance ratio.

With our own production facilities and a global network of partners, we are always in a position to manufacture high-quality components from the best available materials. This not only ensures an optimal fit, but also a quality that meets the requirements of demanding mechanical engineering.



Latch hinge for inspection flaps

Safe and efficient solutions for access to water infrastructure.

Our customers in the water supply sector have relied on innovative security solutions from PYLOCX® for many years.
At the request of a major German water supplier, we developed a special manhole cover lock to effectively protect drinking water wells from vandalism and sabotage. This lock has proven itself in practical use and is now an integral part of our product portfolio.





In addition to manhole covers, water suppliers also reliably secure their treatment plants, material storage facilities and pumping stations with our systems. Swivel lever locks are particularly useful for this purpose. These are easy to retrofit and enable complete logging of all accesses – traceable and audit-proof at all times.

PYLOCX® thus helps water suppliers to reliably protect their sensitive infrastructure and ensure long-term operational safety.



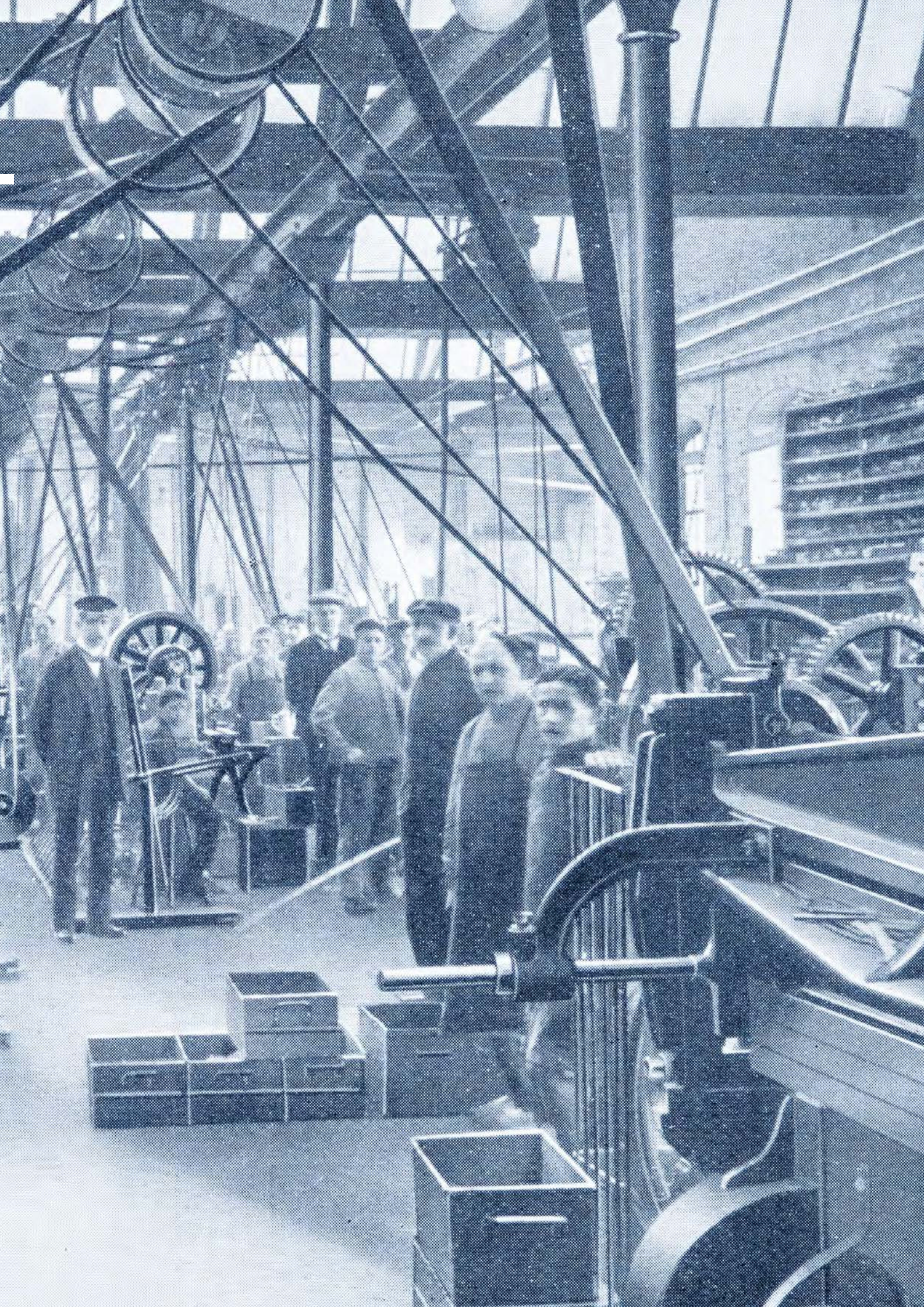
PYLOCX® Manhole lock



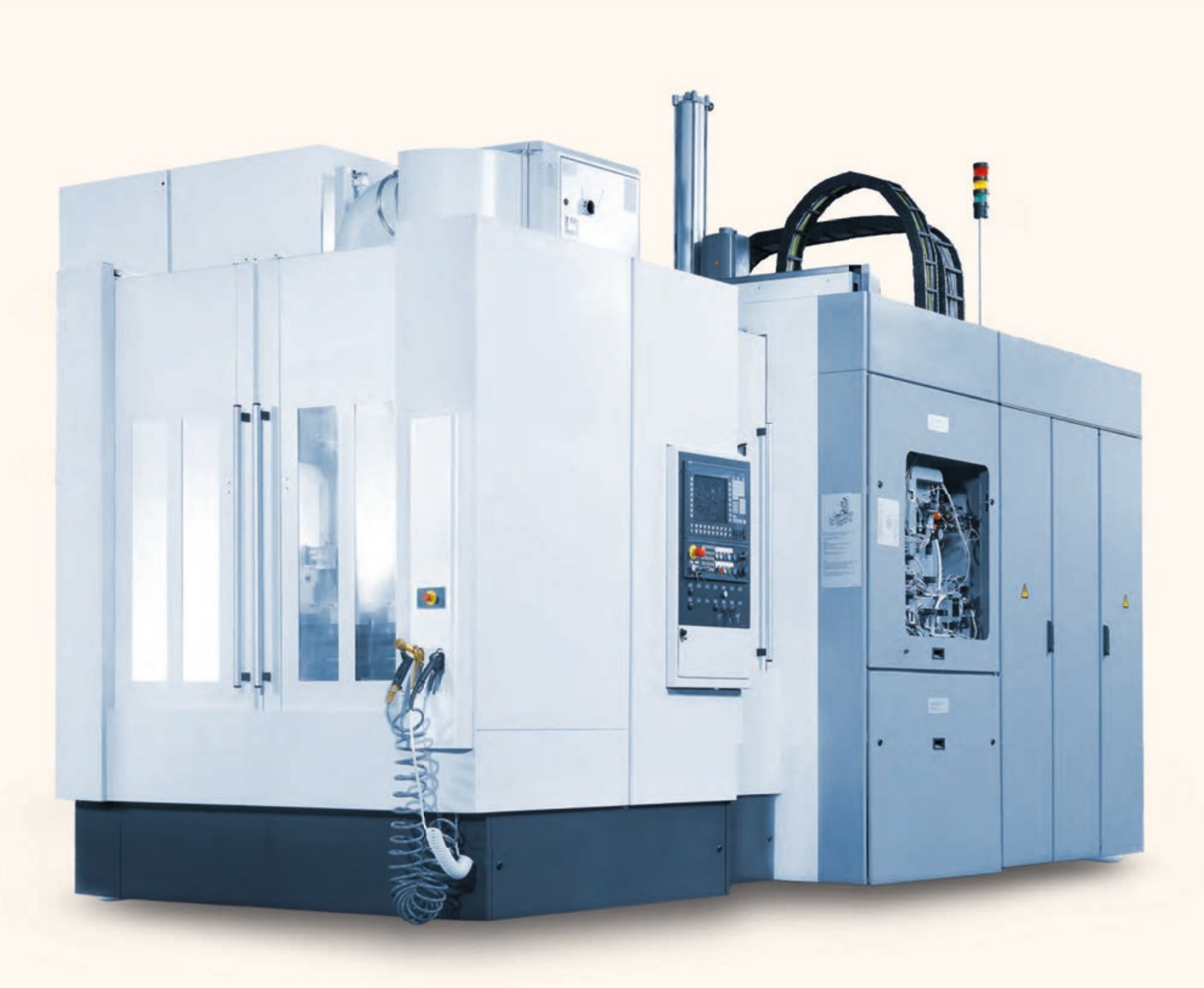
PYLOCX® Swing-handle lock

More about solutions for water management.


Made in Germany -
Since 1883.



MECHANICAL ENGINEERING



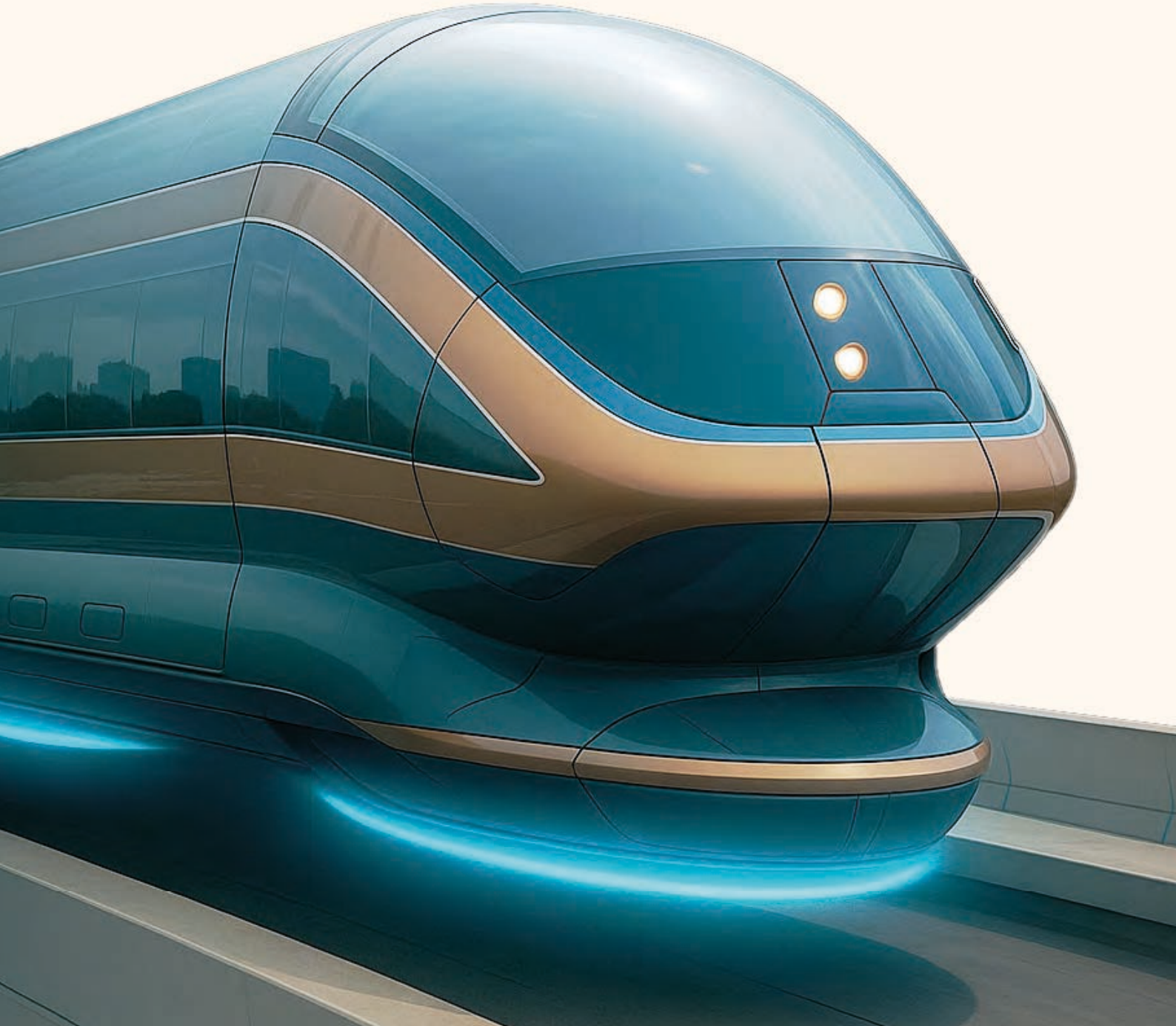
PROCESS RELIABILITY BEGINS WITH STUV.

Industrial mechanical engineering demands absolute reliability – under full load, in continuous operation, in any environmental conditions. Plant components must be protected, access clearly regulated and maintenance processes carried out safely. This is exactly where STUV comes in: with locking and latching systems that combine uncompromising safety with maximum functionality.

Our solutions reliably secure machine covers, control flaps and maintenance units. They are resistant to dust, oil, heat and vibration. They can be fitted precisely – mechanically or electromechanically, with clear operating logic and durable technology. STUV systems support productivity, reduce maintenance costs and increase operational safety.

STUV stands for proven reliability in industrial environments. For solutions that work continuously – precisely tailored to your machine.

RAILWAY TECHNOLOGY



SAFETY THAT COMES ALONG FOR THE RIDE.

Safety is non-negotiable in rail transport. Every technical system must be able to cope with the extreme demands of train operation: mechanically, electrically and normatively. STUV supplies tailor-made closure solutions for this purpose – developed for on-board technology, control flaps, machine flaps and passenger areas.

Our products are tested according to railway-specific standards and built to last for decades. They are vandal-proof, corrosion-resistant, low-maintenance – and precisely tailored to their use in vehicles in terms of function and design. Whether mechanical or electronic, standard or customised: STUV systems secure what matters.

STUV builds trust in railway operations – with certified technology, uncompromising quality and a clear understanding of operational reality.

TELECOMMUNICATIONS



PROTECTION FOR THE INFRASTRUCTURE OF THE FUTURE.

Network technology is part of critical infrastructure – and deserves comprehensive protection. From mobile phone masts and distribution stations to data centre access points: STUV ensures that sensitive technology remains reliably secure while remaining flexibly accessible.

Our enclosure solutions for the telecommunications sector are weatherproof, tamper-proof and scalable. They provide lasting protection against wind, heat and frost, and require little maintenance. At the same time, they enable structured access for authorised technicians – mechanically, digitally or via central control.

STUV thinks about security at the network level – with technology that protects, controls and documents when necessary. Ready for use at any time. Anywhere.

SWITCH AND CONTROL CABINETS



ACCESS, REGULATED. TECHNOLOGY, SECURED.

Switch cabinets form the central nervous system of technical installations. STUV secures these structures with precise locking solutions – tailored to the protection requirements and environmental conditions of modern systems.

Our solutions work in industrial halls as well as in energy centres, outdoors as well as in data centres. They offer reliable sealing, are tamper-proof and can be easily integrated – both mechanically and digitally. Where necessary, they document every access, control access rights and can be integrated into higher-level systems.

STUV stands for structured safety in the control cabinet. For technology that protects – and makes no compromises.

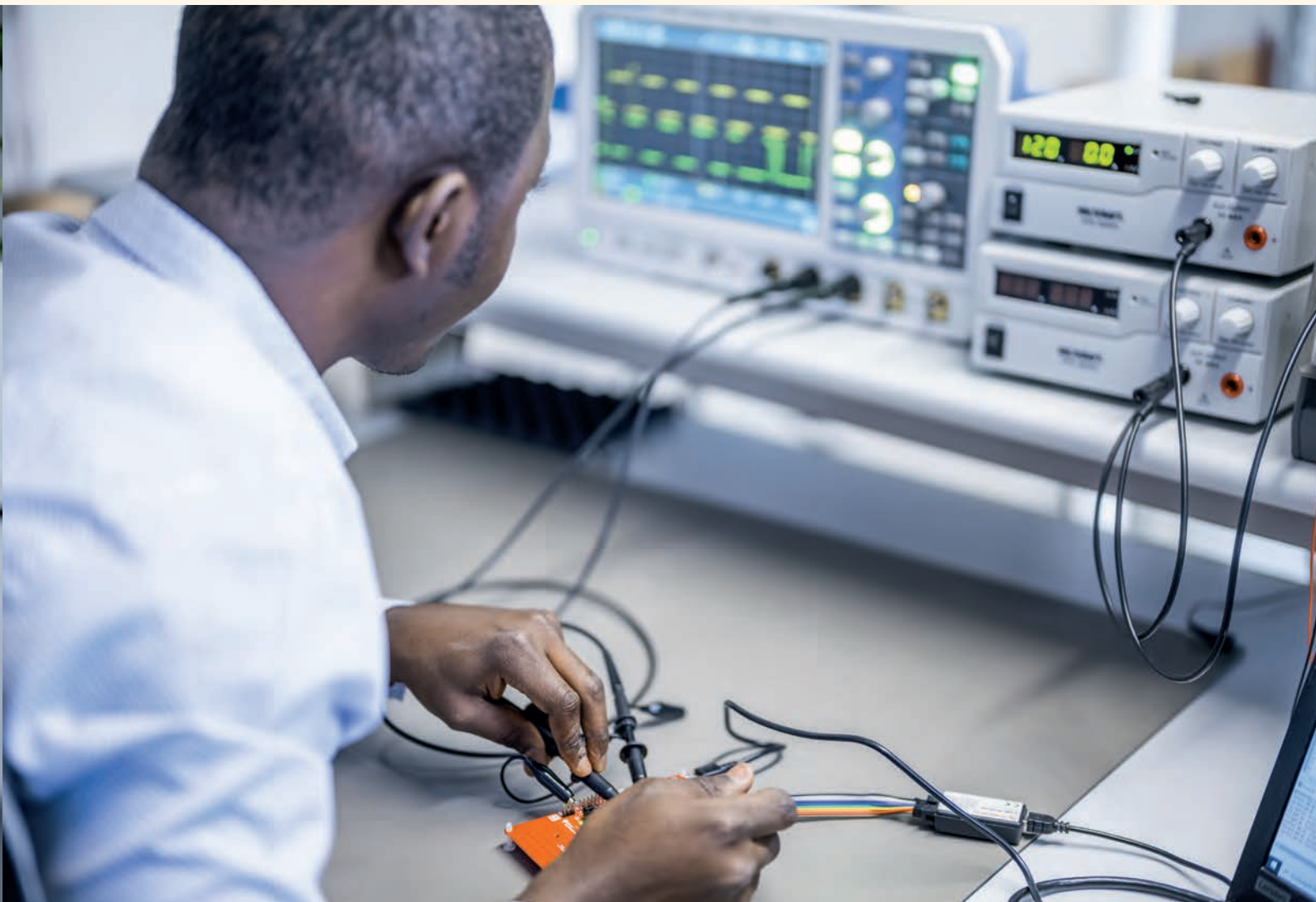
IN-HOUSE DEVELOPEMENT & ENGINEERING



FROM IDEA TO SOLUTION – IN-HOUSE AT STUV.

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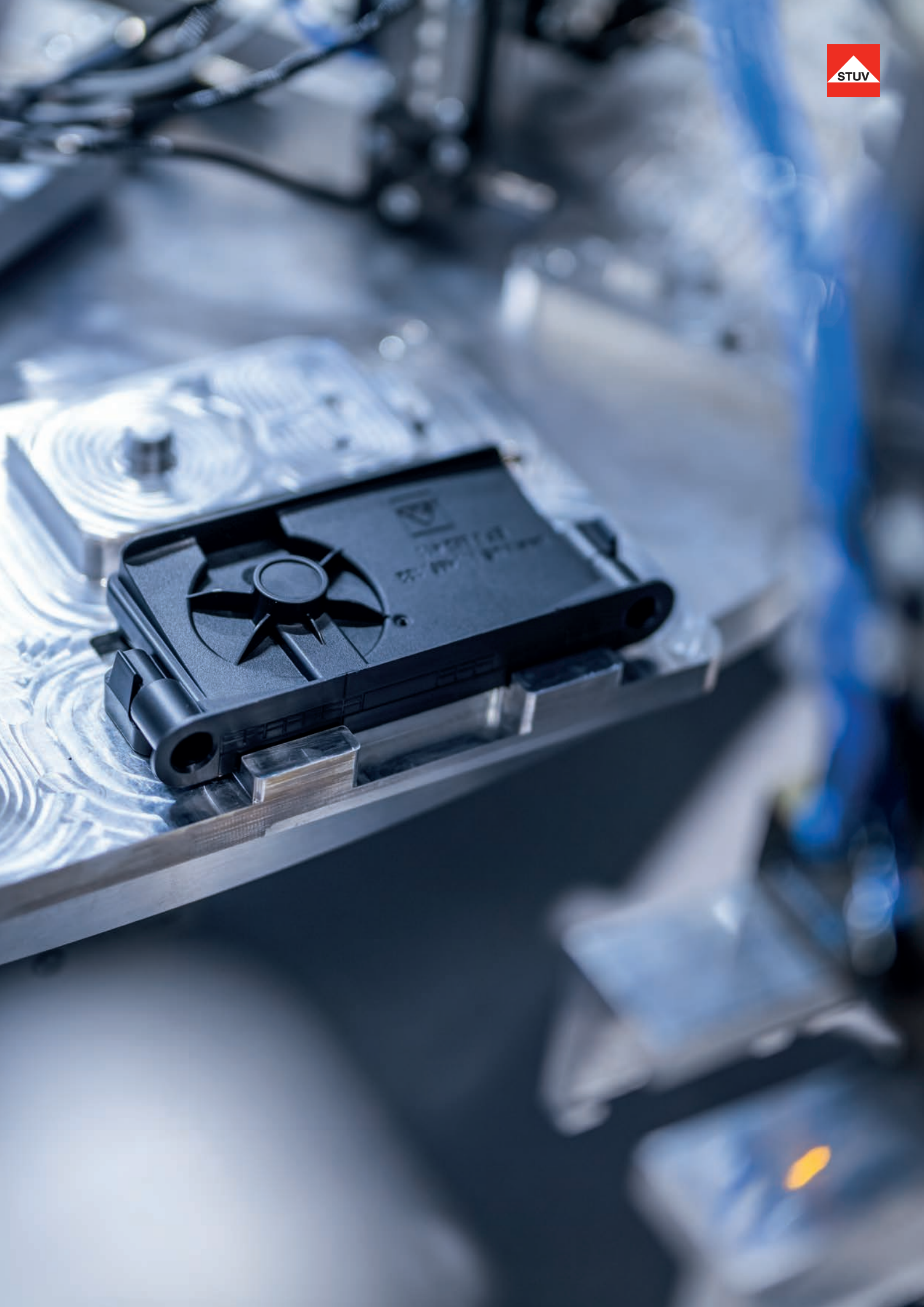


TESTING LABORATORY

MAKING QUALITY VISIBLE – IN OUR IN-HOUSE TESTING LABORATORY.
Every STUV product must perform better than required. That is why our internal testing laboratory not only tests according to standards, but also according to practical requirements: temperature changes, IP classes, EMC, tamper protection, torsional stress, and cycle testing are all part of our daily routine.

Only those products that pass these tests go into series production. This allows us to ensure not only functionality and durability, but also your trust – for both series products and custom solutions.







SUSTAINABILITY AT STUV

Conscious interaction with our social and ecological environment is part of the corporate identity at STEINBACH & VOLLMANN GmbH (STUV). We think ahead, both in the manufacture of our products and in our internal processes. Our engineers and designers develop sustainable products that are robust and have a long service life.

390 Kilowatt peak

With the help of a 2,000 m² photovoltaic system on the roof of our assembly and stamping departments and the construction of a modern combined heat and power plant, we achieve an almost self-sufficient power supply in summer.



10 Charging stations

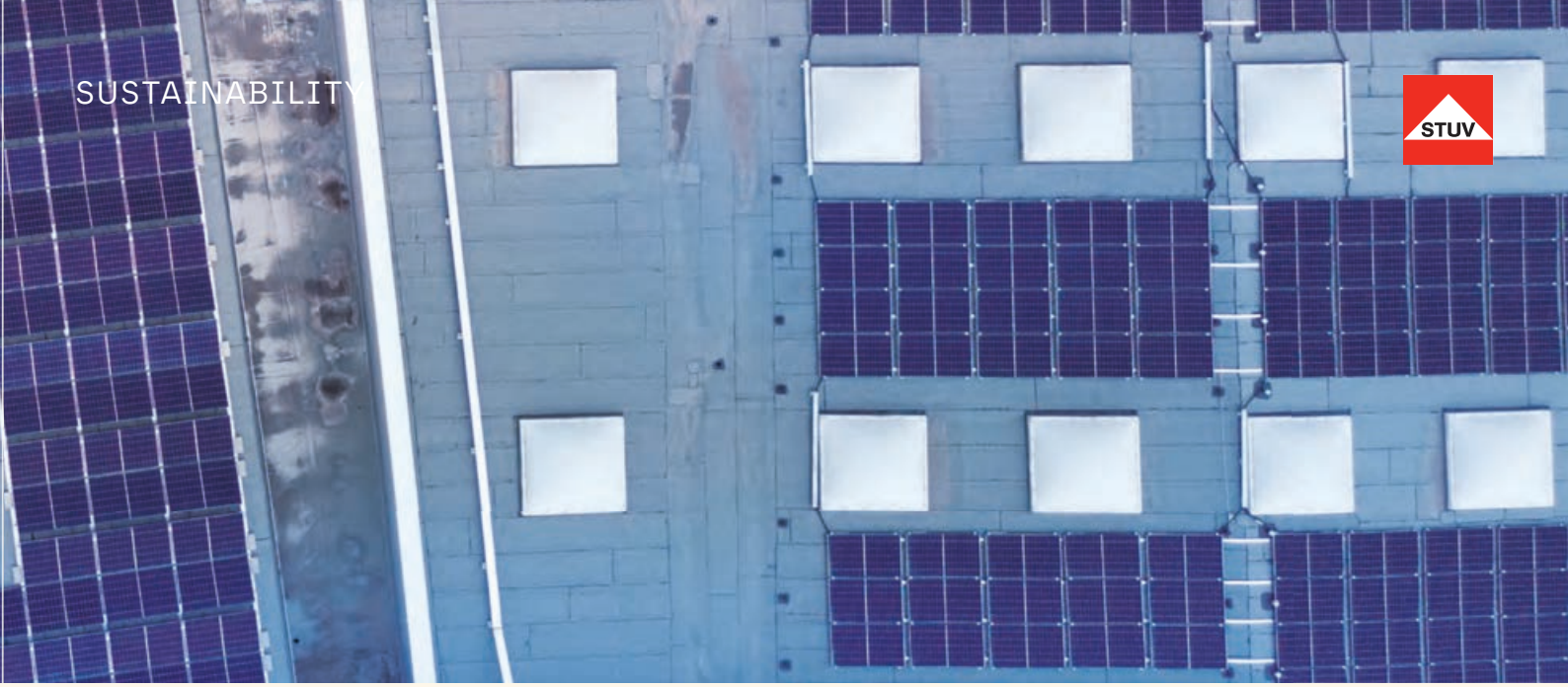
Since 2024, 10 charging stations have been available for all electric vehicles. In addition, STUV has used compacted gravel instead of asphalt, which allows water to seep away.



Sustainable packaging

STUV uses air cushions made from recycled paper and potato starch to protect products during transport. This means we use 100% less plastic. We reuse the transport protection we receive in our goods receiving department.





We manufacture locally, reducing resources, designing processes to be as efficient as possible and continuously questioning established processes. This enables us, for example, to be almost completely self-sufficient in the summer. We have set out on our journey, but we are not yet where we want to be.

Less CO^2

By switching from conventional incandescent bulbs and fluorescent tubes to LED lights. This significantly reduces electricity costs and maintenance requirements.



Power-free connection

For several years now, we have been the global market leader for authorities in critical infrastructures. Now we are launching a new generation of security locks on the market. Why not save energy here too? The system runs without electricity, is maintenance-free and is protected against vandalism.



Switch to new machines

STUV invests specifically in modern, energy-efficient machinery. This enables us to reduce our CO^2 emissions and energy consumption while increasing the efficiency of our production – with less waste and more sustainable use of resources.

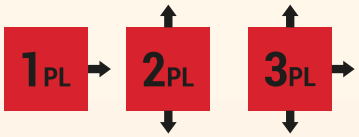


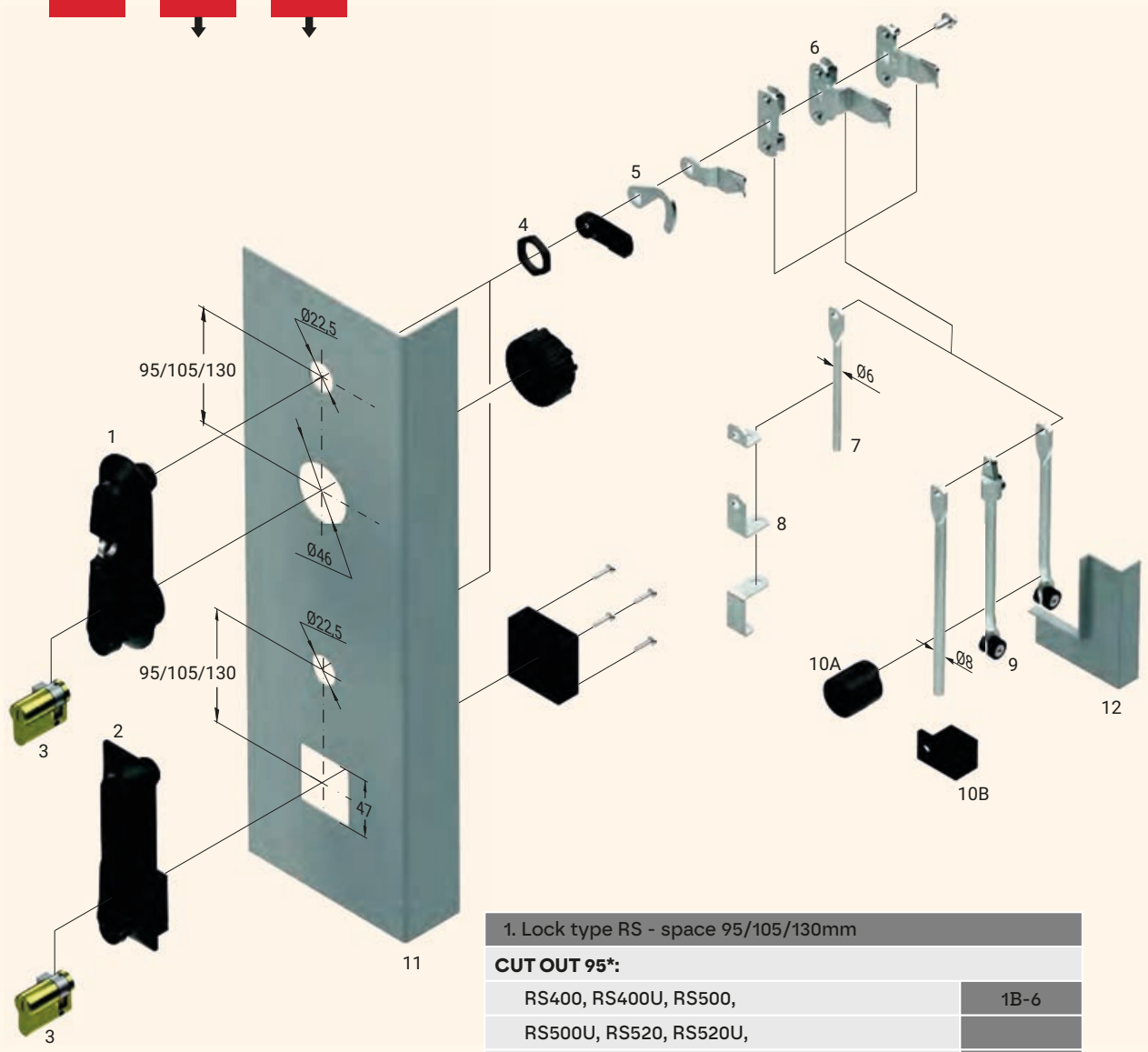


01

Locking systems

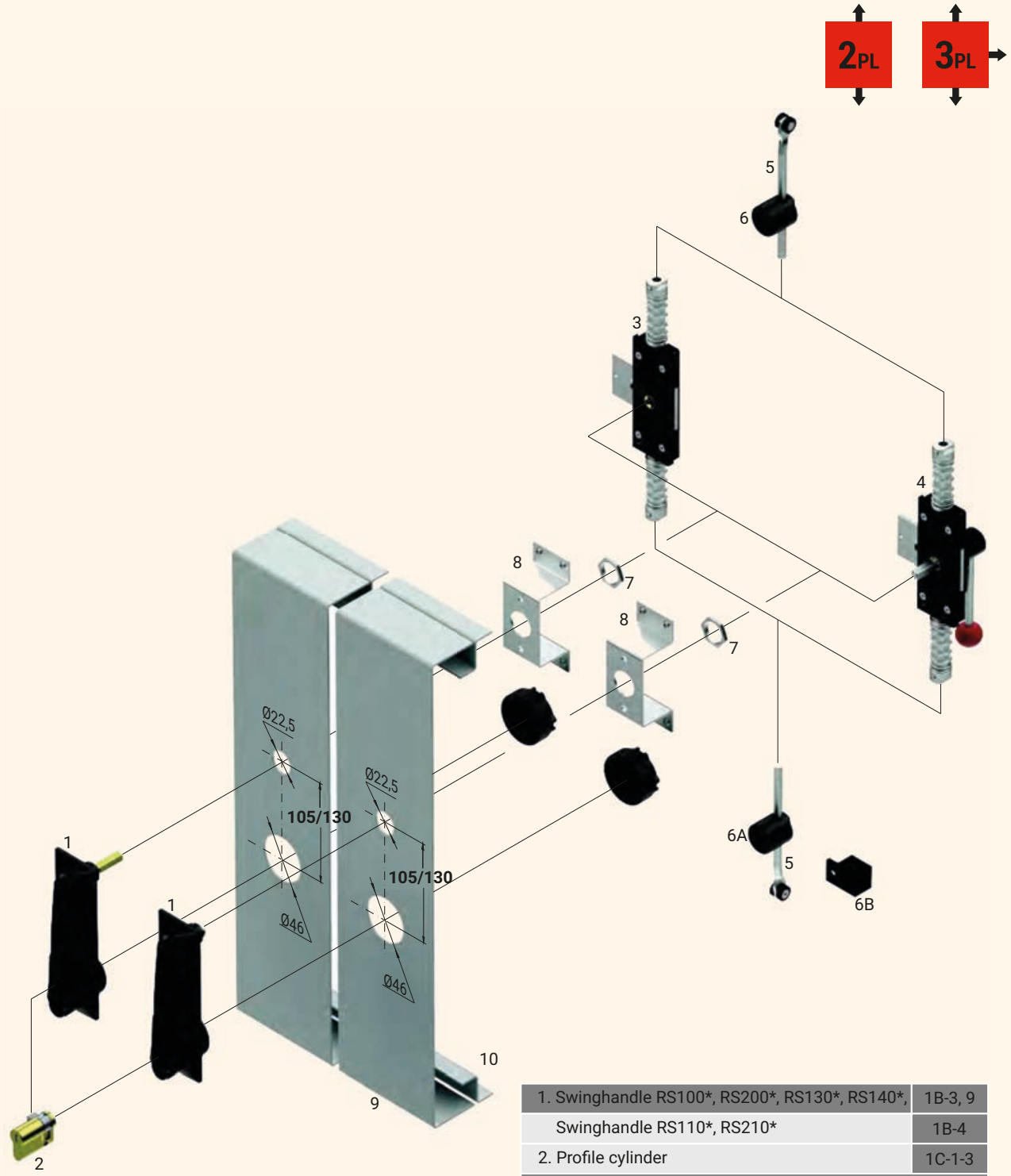
Locking systems with cut out 95/105/130





1. Lock type RS - space 95/105/130mm	
CUT OUT 95*:	
RS400, RS400U, RS500,	1B-6
RS500U, RS520, RS520U,	
RS420, RS420U	1B-6
CUT OUT 105:	
RS100, RS100U, RS100T,	1B-8
RS200, RS200U, RS200T,	1B-3
RS110, RS210, RS800	1B-4
CUT OUT 130:	
RS130, RS140	1B-9
2. Swinghandle RS510 - space 95mm	1B-8
3. Profile cylinder	1C-1-3
4. Nut M22x1,5	-
5. 1-point cam without limiter	1C-12
6. 2-points, 3-points cam without limiter	1C-15, 19
7. Rod ø6	1C-4
8. Rod guide ø6	1C-6
9. Rod ø8	1C-5
10A. Rod guide ø8 | 10B. Rod guide RW	1C-6-7
11. Cabinet door	-
12. Cabinet frame	-

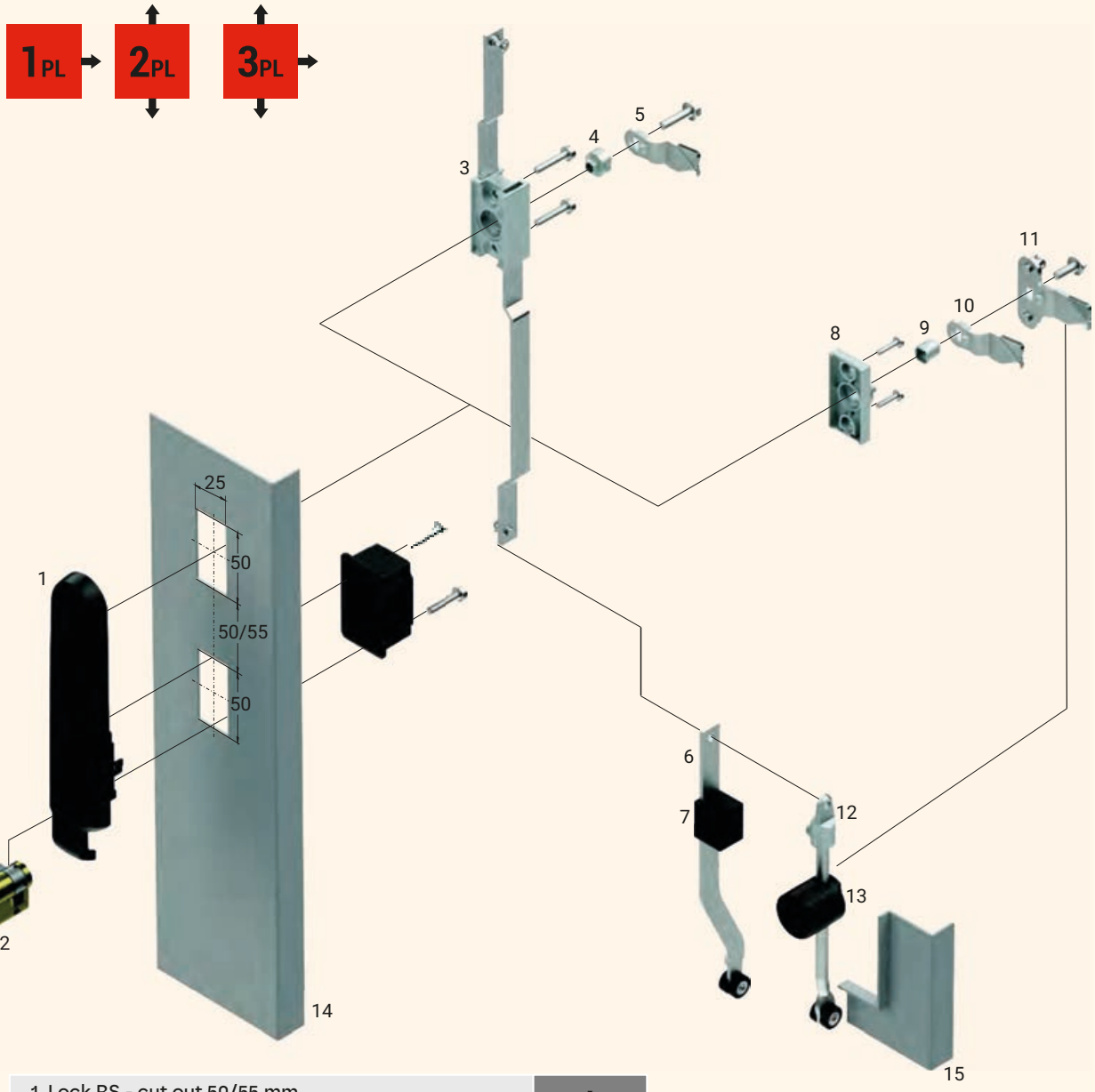
Locking system with cut out 105/130 for internal locks



1. Swinghandle RS100*, RS200*, RS130*, RS140*,		1B-3, 9
Swinghandle RS110*, RS210*		1B-4
2. Profile cylinder		1C-1-3
3. Internal lock:		
ZWM8 or ZWM10		1B-1
ZW8 or ZW10		1B-1
4. Internal lock „panik”:		
ZWPM8 or ZWPM10		1B-1-2
ZWP8 or ZWP10		
5. Rod ø8		1C-5
6A. Rod guide ø8	6B. Rod guide RW	1C-6-7
7. Nut M22 x 1,5		-
8. Lock support*		-
9. Cabinet door		-
10. Cabinet frame		-

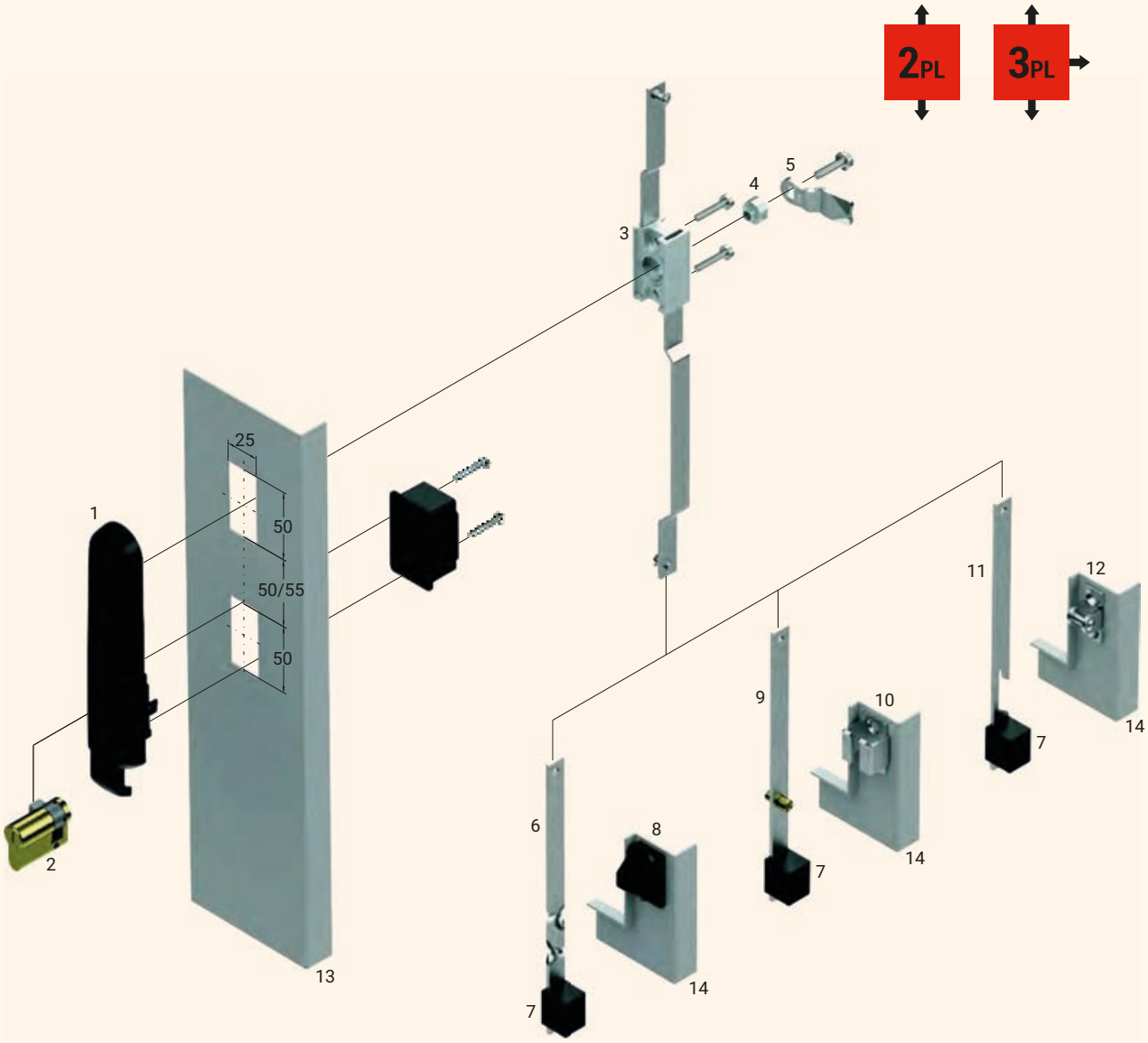
(*) When ordering RS100, RS110, RS200, RS210, RS130, and RS140 locks for internal locks, you should add the letters ZW, e.g., (RS100ZW, RS200ZW). When ordering RS100, RS110, RS200, and RS210 locks for internal locks with panic function, you should add the letters ZWP, e.g., (RS100ZWP). Lock support available only upon special request.

Locking system with cut out 50/55



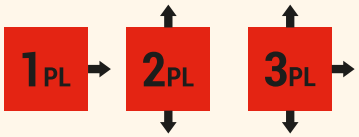
1. Lock RS - cut out 50/55 mm	-
CUT OUT 50X50X50	
1B-11 to 1B-38	
CUT OUT 50X55X50	
RS761	1B-26
2. Profile cylinder	1C-1-3
3. Cogwheel mechanism	1C-30-33
4. Adapter	1C-27
5. 1-point cam with limiter	1C-10-11
6. Flat rod with rollers	1C-34
7. Flat rod guide P314	1C-8
8. Cap	1C-27
9. Bushing	1C-27
10. 1-point cam with limiter for cap	1C-10-11
11. 3-point cam with limiter for cap	1C-17-18
12. Rod ø8, rod holder	1C-5
13. Rod guide ø8	1C-6-7
14. Caninet door	-
15. Cabinet frame	-

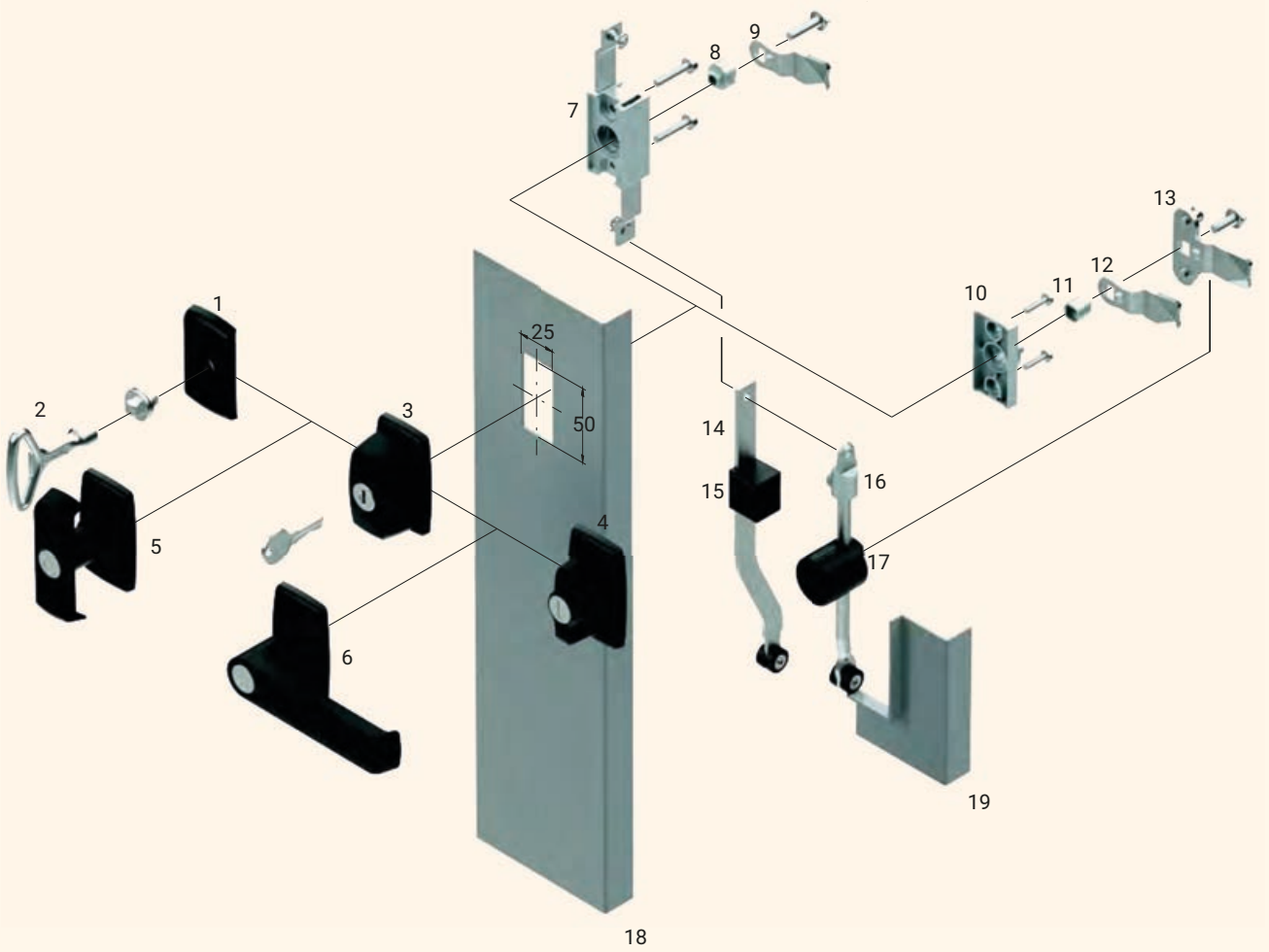
Locking system with cut out 50/55



1. Swinghandle RS - cut out 50/55 mm	-
CUT OUT 50X50X50	
1B-11 To 1B-38	
CUT OUT50X55X50	
RS761	1B-26
2. Profile cylinder	1C-1-3
3. Cogwheel mechanism	1C-30-33
4. Adapter	1C-27
5. 1-point cam with limiter	1C-10-11
6. Flat rod ver. "A"	1C-36
7. Flat rod guide P314	1C-8
8. Catch W314-90	1C-36
9. Flat rod ver. "B"	1C-37
10. Catch W314-80	1C-38
11. Flat rod ver. "C"	1C-39
12. Catch W314-70	1C-39
13. Cabinet door	-
14. Cabinet frame	-

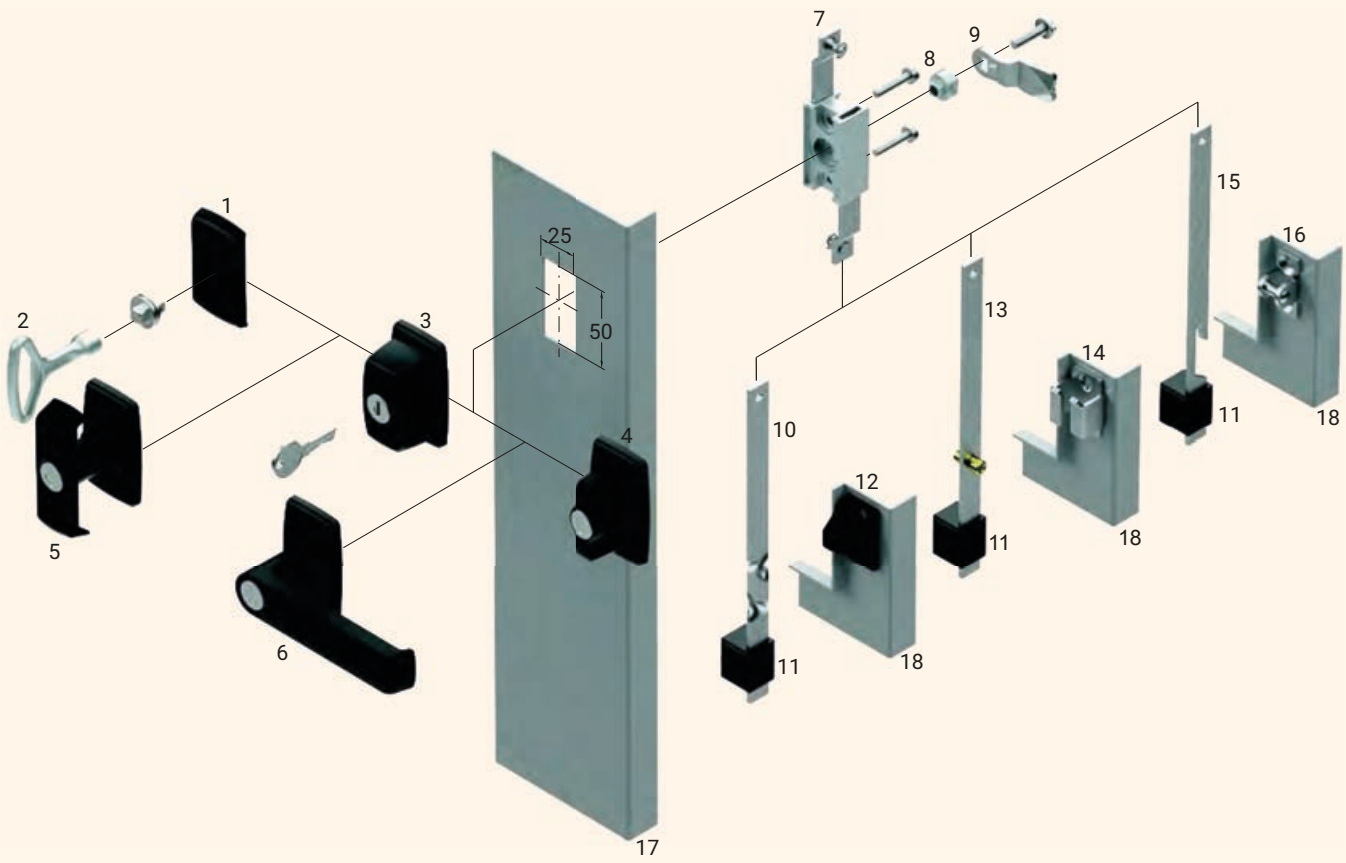
Locking system with holes 50 x 25





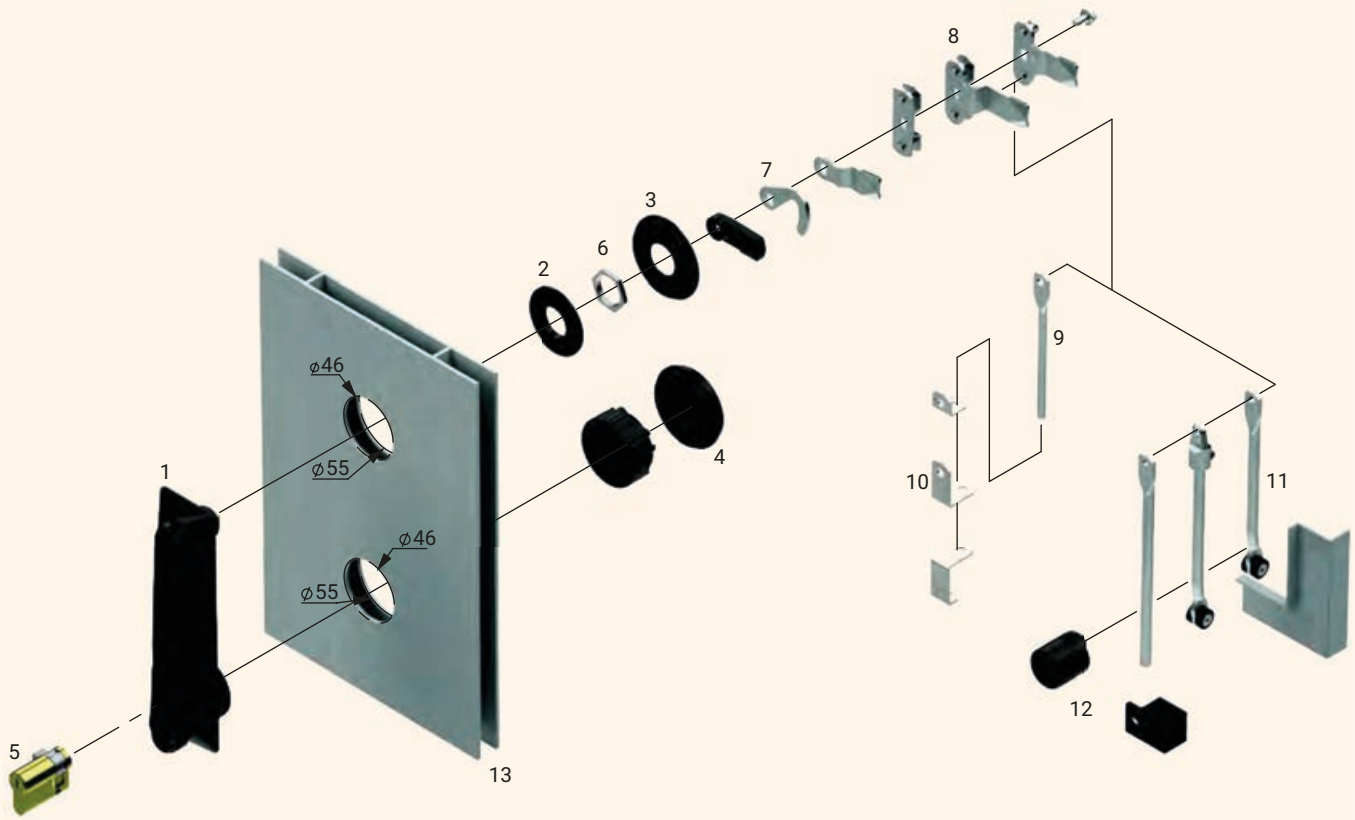
1. Lock RW120 or RW125	1B-46
2. Key 2.KL-X.004	2A-130
3. Lock RW210	1B-48
4. Lock RW505	1B-49
5. T-handle lock RW515	1B-53
6. L-handle lock RW525	1B-52
7. Cogwheel mechanism	1C-28-29
8. Adapter	1C-27
9. 1-point cam with limiter	1C-10-11
10. Cap	1C-27
11. Bushing	1C-27
12. 1-point cam with limiter for cap	1C-10-11
13. 3-point cam with limiter for cap	1C-17-18
14. Flat rod with rollers	1C-34
15. Flat rod guide P314	1C-8
16. Rod ø8, rod holder	1C-5
17. Rod guide ø8	1C-6-7
18. Door of the box	-
19. Edge of the box	-

Locking system with cut out 50 x 25



1. Lock RW120 or RW125	1B-46
2. Key 2.KL-X.004	2A-130
3. Lock RW210	1B-48
4. Lock RW505	1B-49
5. T-handle locking RW515	1B-53
6. L-handle locking RW525	1B-52
7. Cogwheel mechanism	1C-28-29
8. Adapter	1C-27
9. 1-point cam with limiter	1C-10-11
10. Flat rod ver. "A"	1C-36
11. Flat rod guide P314	1C-8
12. Catch W314-90	1C-36
13. Flat rod ver. "B"	1C-37
14. Catch W314-80	1C-38
15. Flat rod ver. "C"	1C-39
16. Catch W314-70	1C-39
17. Cabinet door	-
18. Cabinet frame	-

Locking system for aluminium profile door

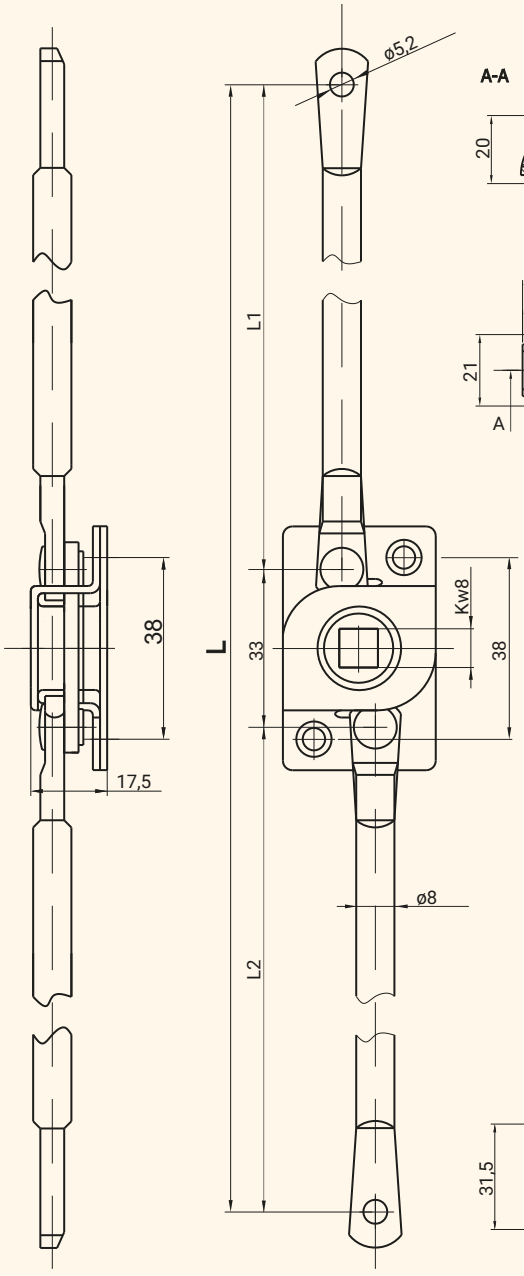


1. Swinghandle RS130, RS140	1B-9
2. Adapter 1C.916.001	1C-46
3. Adapter 1C.916.002	1C-46
4. Adapter 1C.916.003	1C-46
5. Profile	1C-1-3
6. Nut M22x1,5	-
7. Cam 1-point no limiter	1C-12
8. Cam 2-point, 3-point no limiter	1C-15,19
9. Rod ø6	1C-4
10. Rod guide ø6	1C-6
11. Rod ø8	1C-5
12. Rod guide ø8 / Rod guide RW	1C-6-7
13. Cabinet door	-

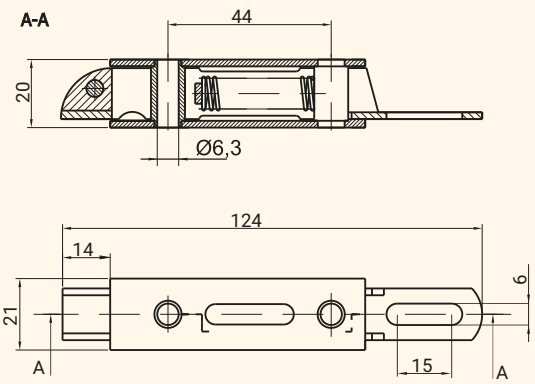
Locking system of lock bolt

2PL

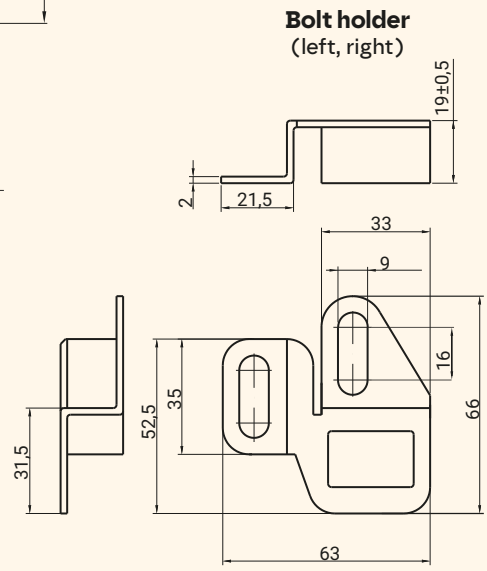
BOLT MECHANISM



BOLT



Bolt holder
(left, right)





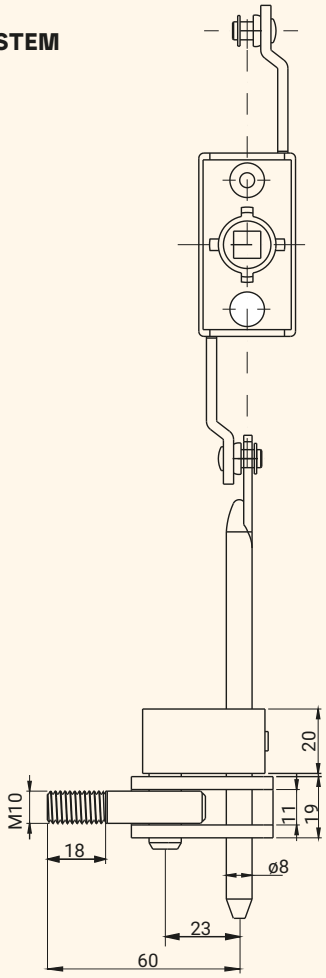
$L = 33 + L_1 + L_2$

CAT. NUMBER	NAME	MATERIAL Steel zinc
1A.001.001	Bolt mechanism	plated
1A.001.001SN	Bolt mechanism	Stainless steel
1A.002.001	Bolt	Steel zinc plated
1A.002.001SN	Bolt	Stainless steel
1A.003.001	Bolt holder right	Stainless steel
1A.003.002	Bolt holder left	Stainless steel

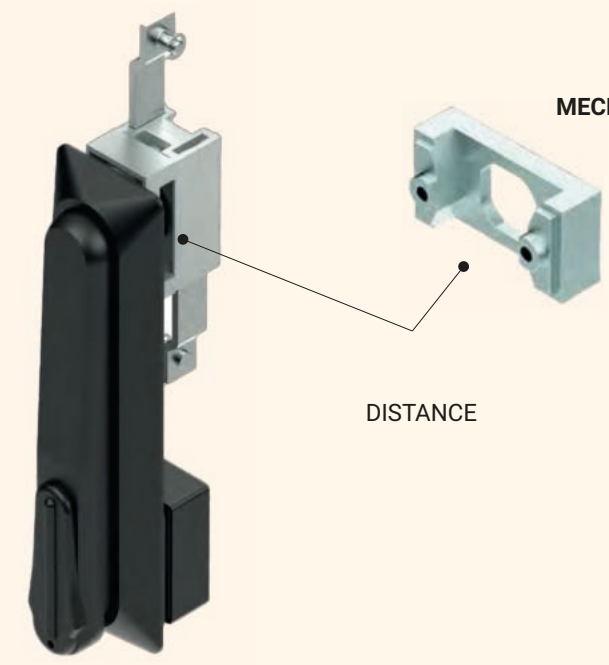
Rod strenghtening system, cogwheel mechanism distance

ROD STRENGHTENING SYSTEM

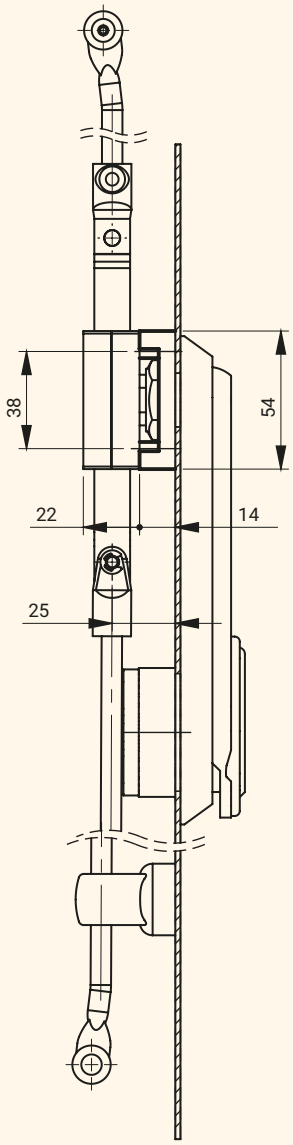




COGWHEEL MECHANISM DISTANCE



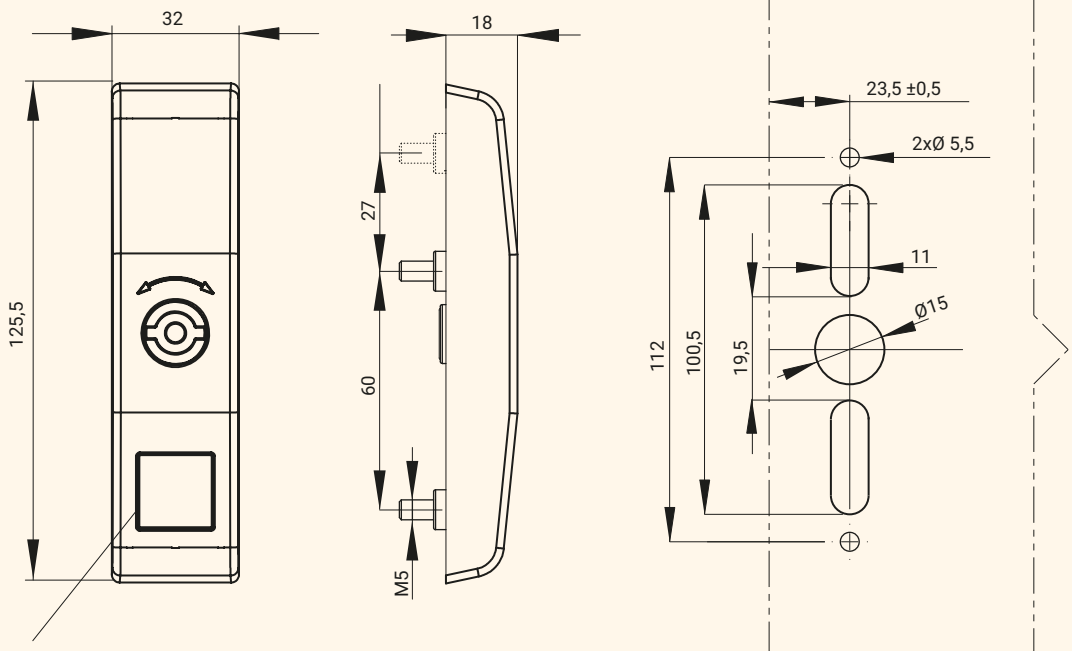
DISTANCE



CAT. NUMBER	NAME	MATERIAL
1C.911.001	Rod strenghtening system	Steel zinc plated
1C.910.001	Cogwheel mechanism distance	ZAMAK 5
* system cooperates with cogwheel mechanism MZ (pg 1C-28 - 1C-33)		

Locking system (outside the IP) RW250





Place for the logo

Cut out

LOCK TYPE	COMPONENTS	MATERIAL	FINISH [C]	
RW 250	Housing	ABS	RAL 9005	RAL 7035
	Flat rods	Steel	07	08

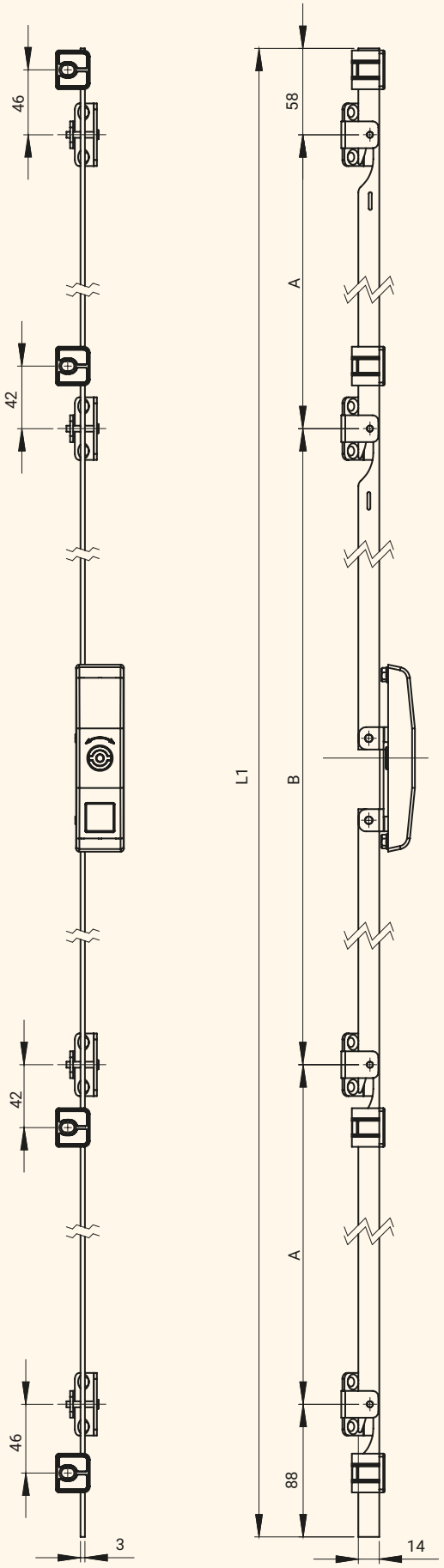
INSERTS				
				
D3	D5	T9	KW 8	S

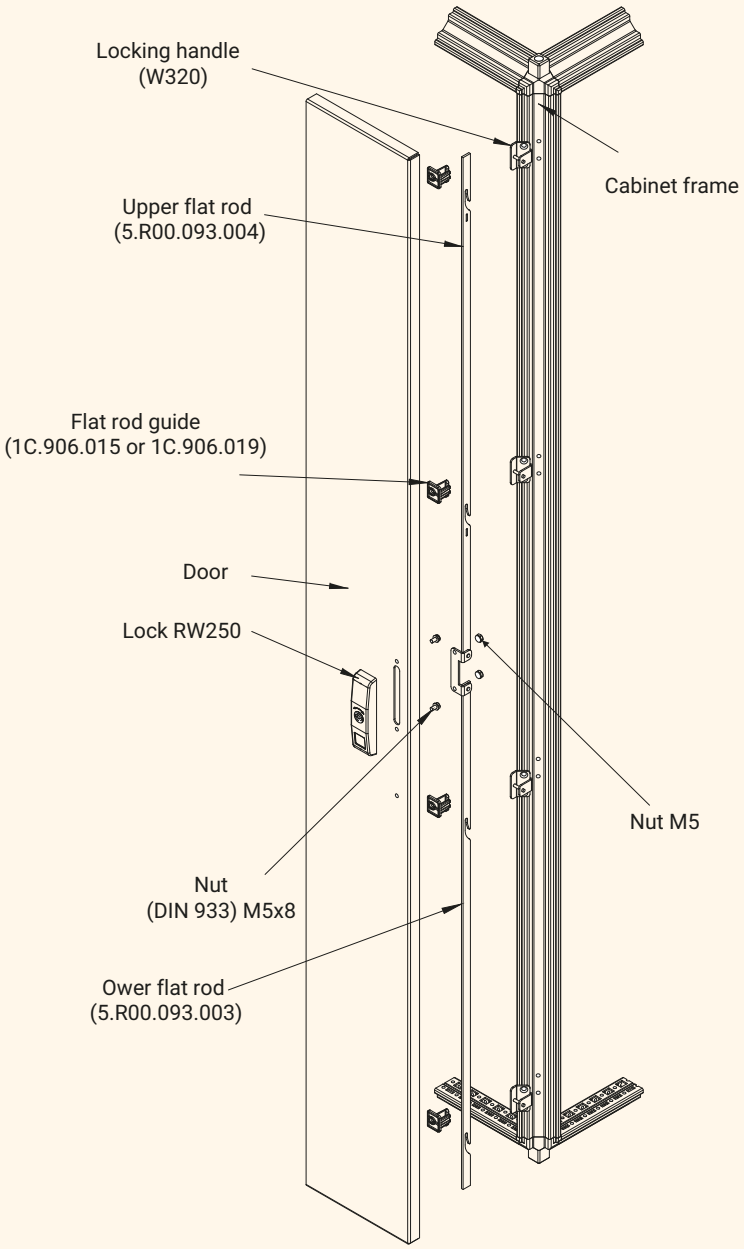
How to order :

RW 250	D5	—	2000	—	C
Type of lock					
Type of insert					
Height cabinet					
Finish					

NOTE:
1. Lock RW 250 suitable to use outside the sealing zone
2. Locking system for door about max. thickness 2 mm
3. Type of locking system: left or right.
4. System components sold together or separately

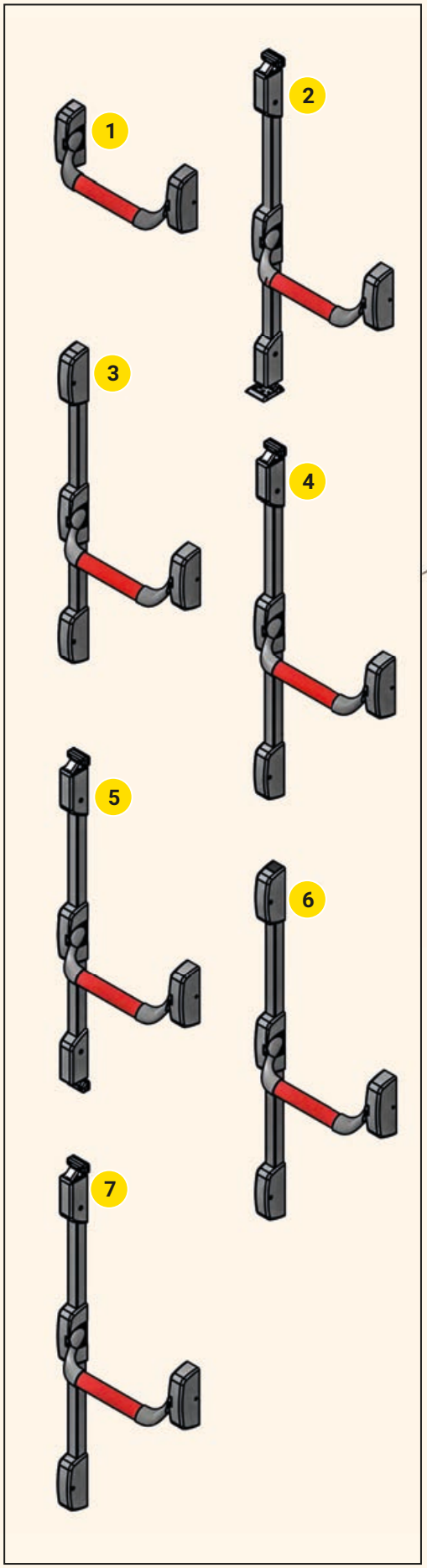
Locking system outside the IP RW250

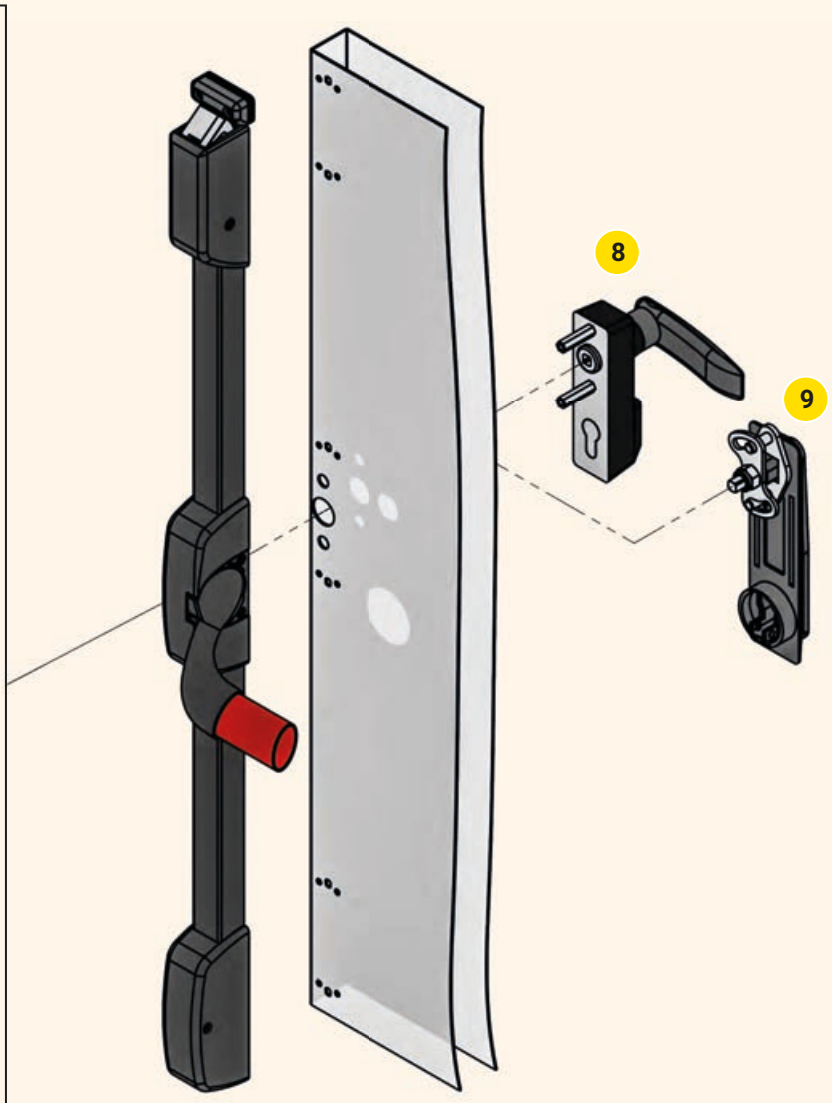




HEIGHT OF THE BOX[L]	L1	A	B
1800	1929	520	520
2000	1729	586	586

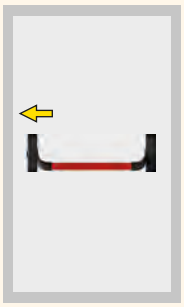
Anti-panic lock



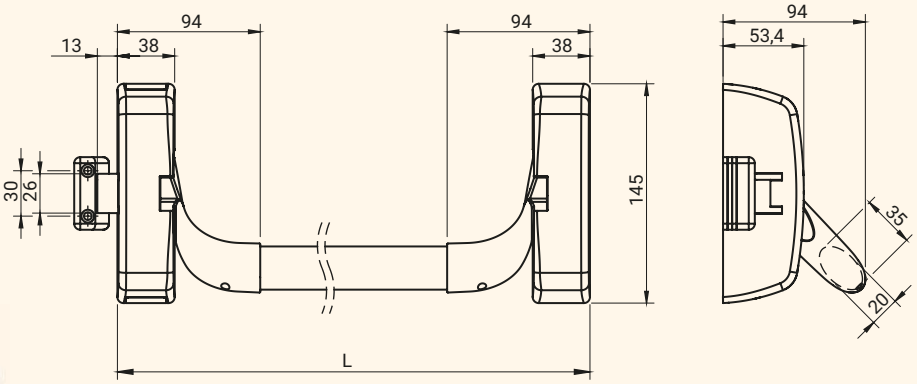


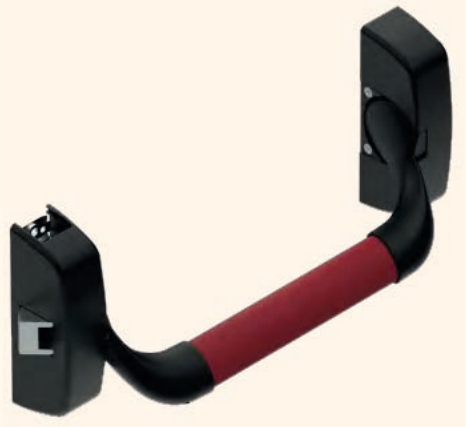
ANTI-PANIC LOCK		
1.	1B.ZA.001	1A-13
2.	1B.ZA.002	1A-14
3.	1B.ZA.003	1A-15
4.	1B.ZA.004	1A-16
5.	1B.ZA.005	1A-17
6.	1B.ZA.006	1A-18
7.	1B.ZA.007	1A-19
COMPATIBLE HANDLES		
8.	1B.ZA.201	1A-21
COMPATIBLE SWINGHANDLES		
9.	RS130 ZA	1A-22
	RS130/U ZA	
	RS200 ZA	1A-22
	RS200/U ZA	

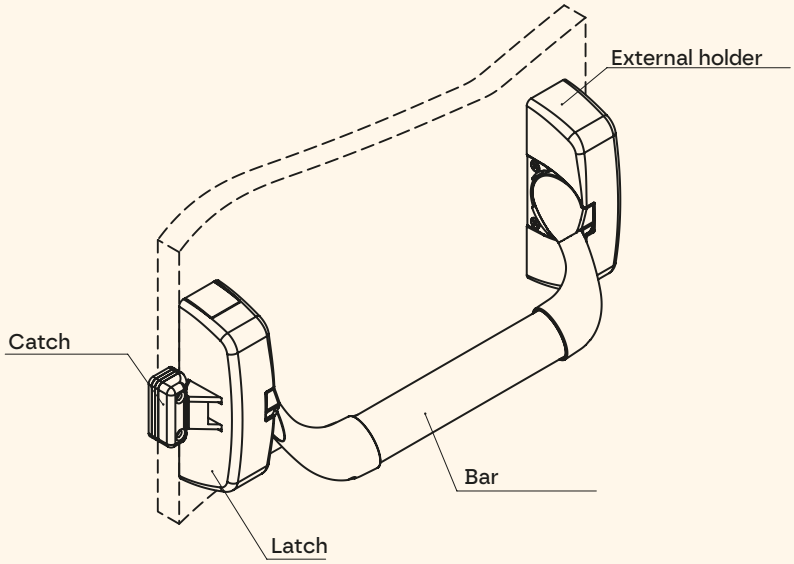
Anti-panic lock 1B.ZA.001



Anti-panic lock
SINGLE-POINT HORIZONTAL LATCH







The set includes:
- horizontal latch
- external holder,
- horizontal bar (state size L at order)
- catch with a set of spacers

Accessories to be ordered separately:
- external holder 1B.ZA.201

Housings of lock and external holder, horizontal bar are made of ZAMAK
internal lock mechanism - galvanized steel ; bar, catch - powder-coated steel

CATALOGUE NUMBER	COMPONENTS	FINISH [C]		
		RAL 9005	RAL 7035	RAL 3020
1B.ZA.001	Horizontal latch	04	05	-
	External holder			
	Catch			
	Horizontal bar	04	05	12

How to order:

1B.ZA.001 — C — L. C

Catalogue number

Finish for a horizontal latch, external holder and a catch

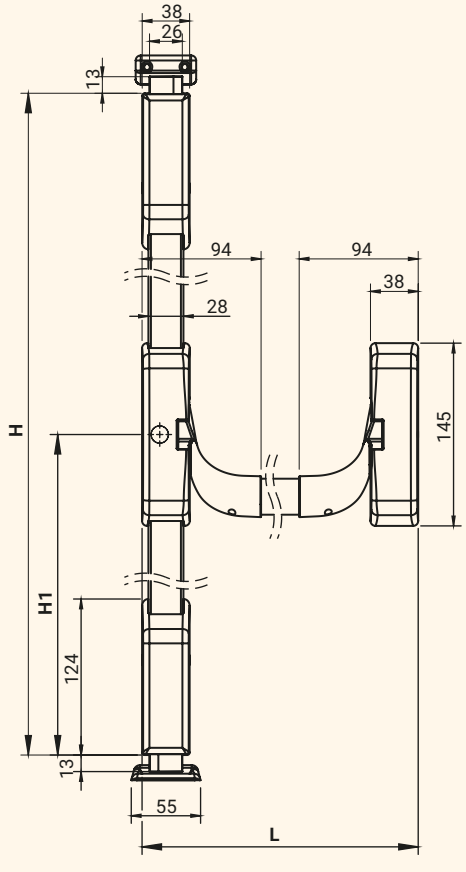
Closure width

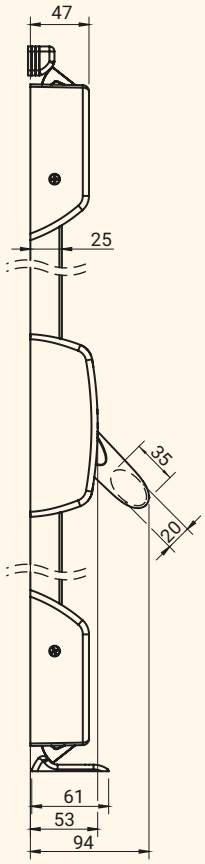
Finish for a horizontal bar

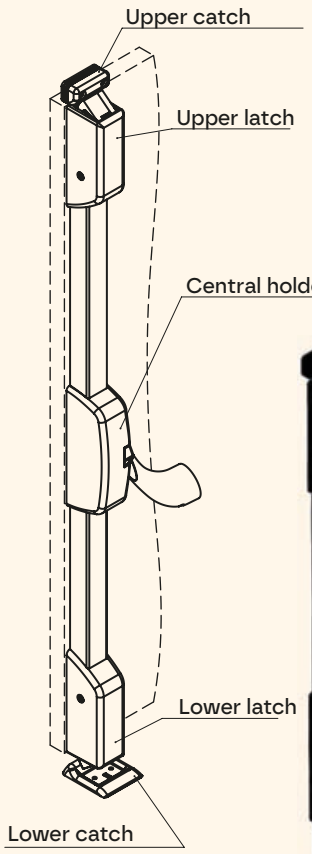
Anti-panic lock 1B.ZA.002

Anti-panic lock DOUBLE-POINT VERTICAL LATCH (top / bottom)











The set includes::
- central holder,
- vertical upper latch,
- vertical lower latch,
- horizontal bar (state size L at order),
- upper and lower rod (state dimension of H and H1 at order),
- upper catch with a set of spacers,
- lower catch,

Accessories to be ordered separately:
- external holder 1B.ZA.201

Housings of locks and catches, horizontal bar are made of ZAMAK;
internal lock mechanism, rod - galvanized steel; bar, catch - powder-coated steel

CATALOGUE NUMBER	COMPONENTS	FINISH [C]		
		RAL 9005	RAL 7035	RAL 3020
1B.ZA.002	Central holder	04	05	-
	Vertical latch			
	Catch			
	Horizontal bar	04	05	12

How to order:

1B.ZA.002 — C — L. C — H — H1

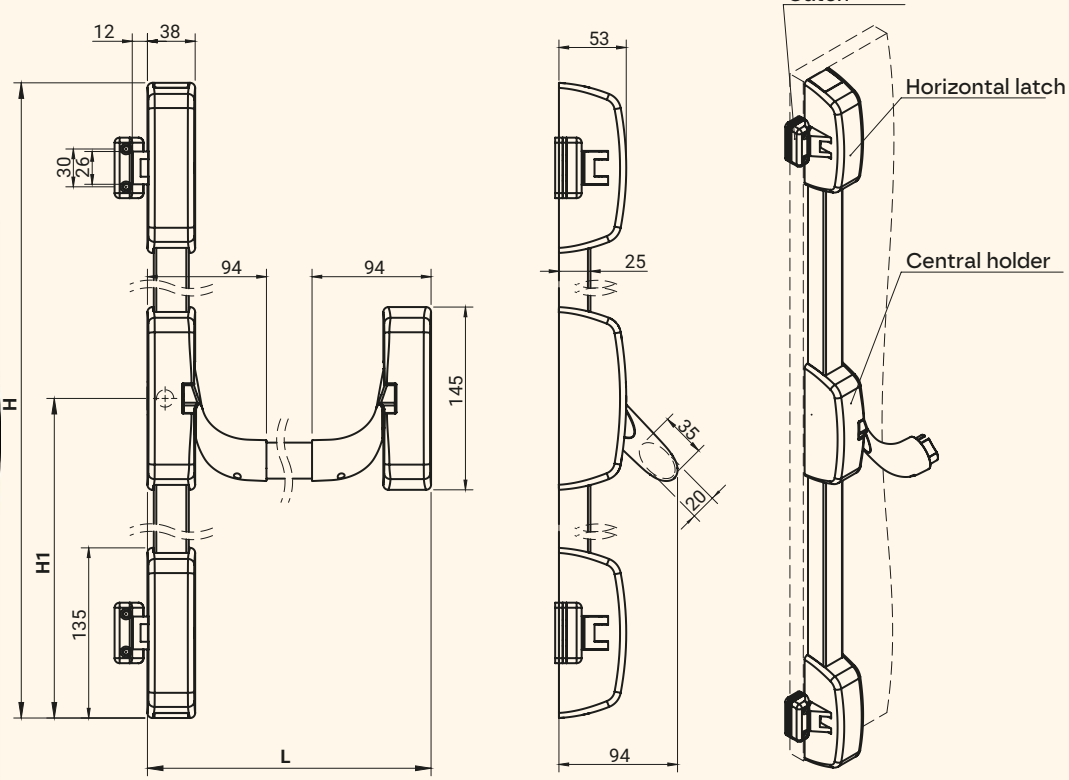
Catalogue number
Finish for a central holder, latches and a catches
Closure width
Finish for a horizontal bar
Closure height
Height from the closure axis to the bottom latch

Anti-panic lock 1B.ZA.003



Anti-panic lock DOUBLE-POINT VERTICAL LATCH (top / bottom)





The set includes:
- central holder,
- horizontal latch (x2),
- horizontal bar (state size L at order),
- upper and lower rod (state dimension of H and H1 at order),
- upper catch with a set of spacers (x2),

Accessories to be ordered separately:
- external holder 1B.ZA.201

Housings of locks and catches, horizontal bar are made of ZAMAK;
internal lock mechanism, rod - galvanized steel; bar, catch - powder-coated steel

CATALOGUE NUMBER	COMPONENTS	FINISH [C]		
		RAL 9005	RAL 7035	RAL 3020
1B.ZA.003	Central holder	04	05	12
	Vertical latch			
	Catch			
	Horizontal bar	04	05	-

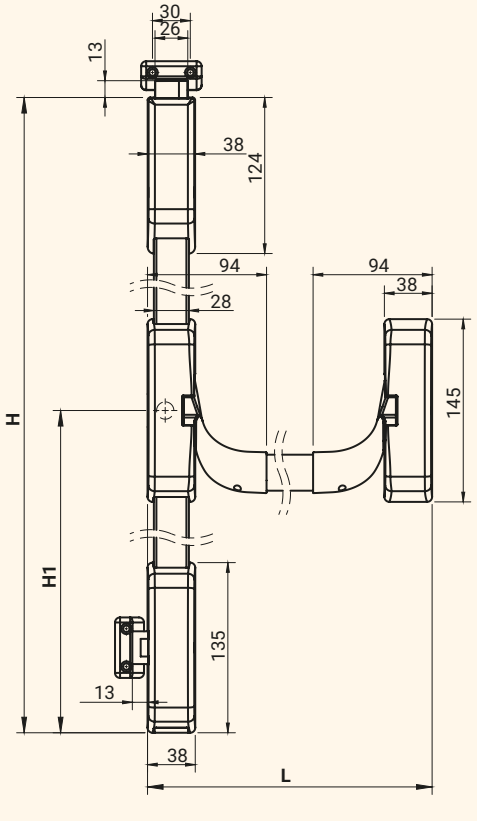
How to order:

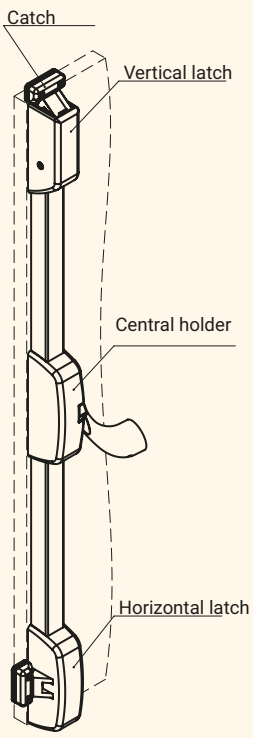
1B.ZA.003 — C — L. C — H — H1

- Catalogue number
- Finish for a central holder, latches and a catches
- Closure width
- Finish for a horizontal bar
- Closure height
- Height from the closure axis to the bottom latch

Anti-panic lock 1B.ZA.004

Anti-panic lock
DOUBLE-POINT VERTICAL AND HORIZONTAL LATCH (top / side)









The set includes:
- central holder,
- vertical latch,
- horizontal latch,
- horizontal bar (state size L at order),
- upper and lower rod (state dimension of H and H1 at order),
- catch with a set of spacers (x2)

Accessories to be ordered separately:
- external holder 1B.ZA.201

Housings of locks and catches, horizontal bar are made of ZAMAK;
internal lock mechanism, rod - galvanized steel; bar, catch - powder-coated steel

CATALOGUE NUMBER	COMPONENTS	FINISH [C]		
		RAL 9005	RAL 7035	RAL 3020
1B.ZA.004	Central holder	04	05	-
	Latch			
	Catch			
	Horizontal bar	04	05	12

How to order: 1B.ZA.004 — C — L. C — H — H1

Catalogue number

Finish for a central holder, latches and a catches

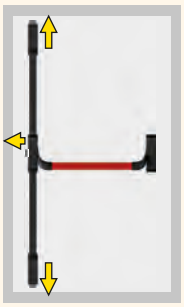
Closure width

Finish for a horizontal bar

Closure height

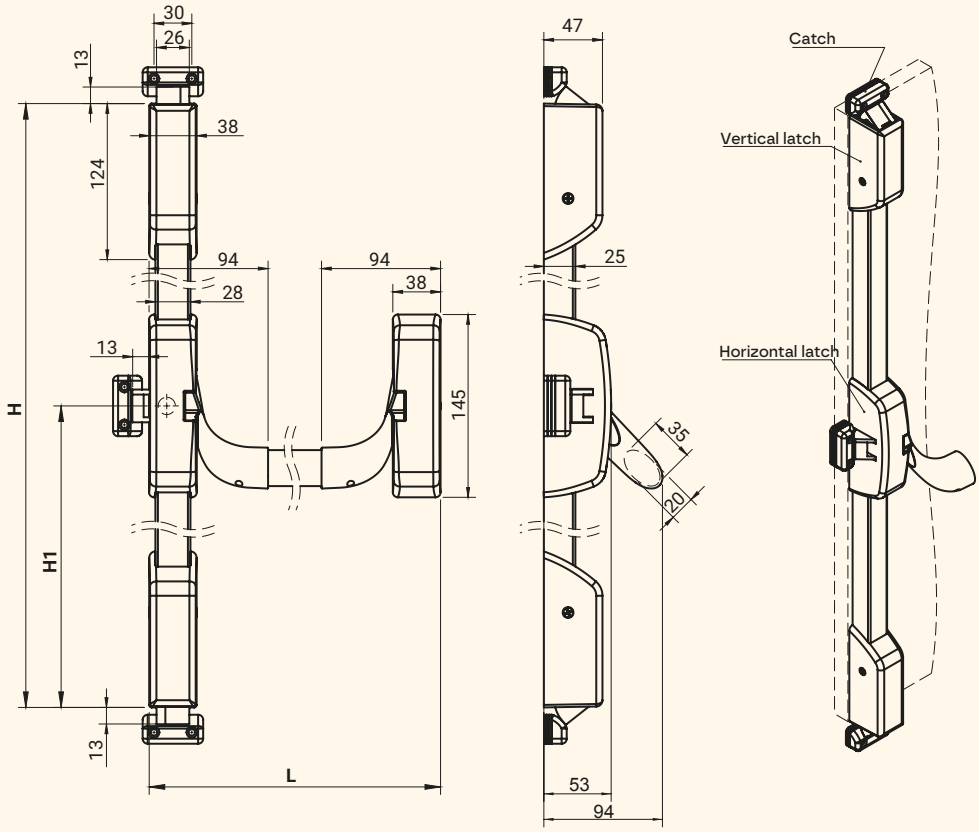
Height from the closure axis to the bottom latch

Anti-panic lock 1B.ZA.005



Anti-panic lock
THREE-POINT LATCH (side / top / bottom)





The set includes:
- central holder,
- vertical latch (x2),
- horizontal latch,
- horizontal bar (state size L at order),
- upper and lower rod (state dimension of H and H1 at order),
- catch with a set of spacers (x3)

Accessories to be ordered separately:
- external holder 1B.ZA.201

Housings of locks and catches, horizontal bar are made of ZAMAK;
internal lock mechanism, rod - galvanized steel; bar, catch - powder-coated steel

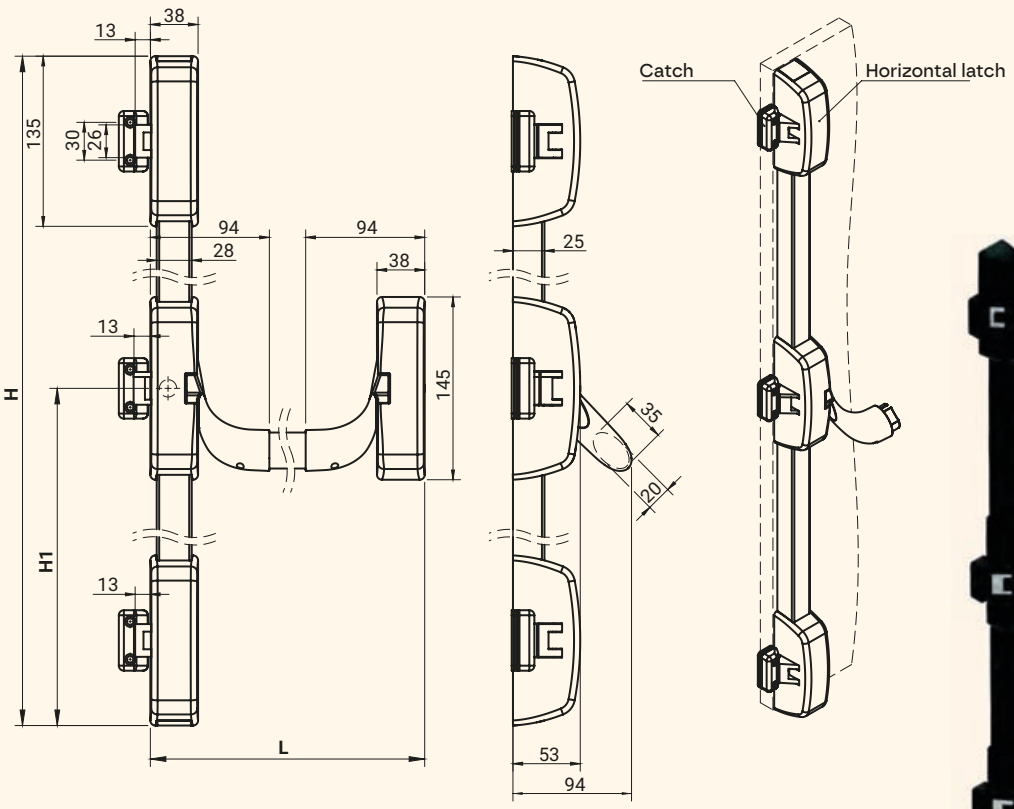
CATALOGUE NUMBER	COMPONENTS	FINISH [C]		
		RAL 9005	RAL 7035	RAL 3020
1B.ZA.005	Central holder	04	05	-
	Latch			
	Catch			
	Horizontal bar	04	05	12

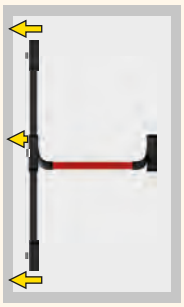
How to order: 1B.ZA.005 — C — L. C — H — H1

Catalogue number
Finish for a central holder, latches and a catches
Closure width
Finish for a horizontal bar
Closure height
Height from the closure axis to the bottom latch

Anti-panic lock 1B.ZA.006

Anti-panic lock
THREE-POINT LATCH (side / side / side)







The set includes:
- central holder,
- horizontal latch (x3),
- horizontal bar (state size L at order),
- upper and lower rod (state dimension of H and H1 at order),
- catch with a set of spacers (x3)

Accessories to be ordered separately:
- external holder 1B.ZA.201

Housings of locks and catches, horizontal bar are made of ZAMAK;
internal lock mechanism, rod - galvanized steel; bar, catch - powder-coated steel

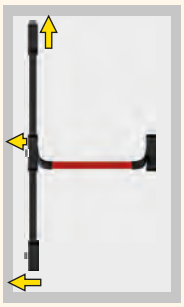
CATALOGUE NUMBER	COMPONENTS	FINISH [C]		
		RAL 9005	RAL 7035	RAL 3020
1B.ZA.006	Central holder	04	05	-
	Latch			
	Catch			
	Horizontal bar	04	05	12

How to order:

1B.ZA.006 — C — L. C — H — H1

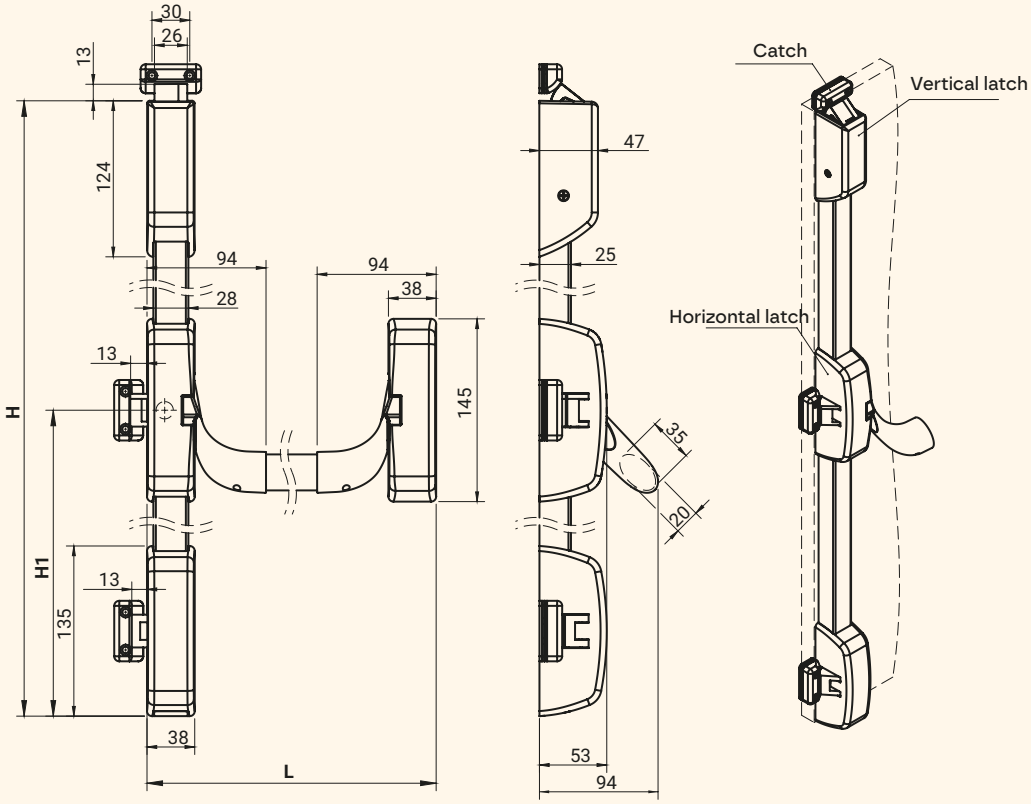
Catalogue number
Finish for a central holder, latches and a catches
Closure width
Finish for a horizontal bar
Closure height
Height from the closure axis to the bottom latch

Anti-panic lock 1B.ZA.007



Anti-panic lock
THREE-POINT LATCH (side / top / side)





The set includes:
- central holder,
- horizontal latch (x2),
- vertical latch
- horizontal bar (state size L at order),
- upper and lower rod (state dimension of H and H1 at order),
- catch with a set of spacers (x3)

Accessories to be ordered separately:
- external holder 1B.ZA.201

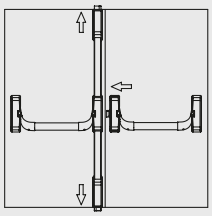
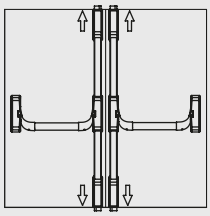
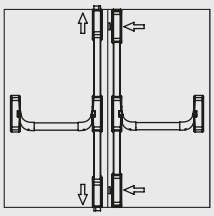
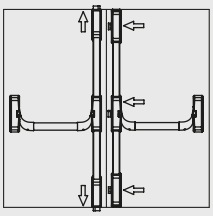
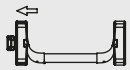
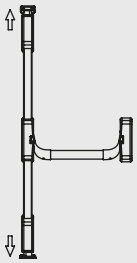
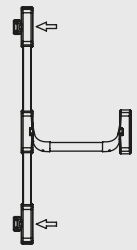
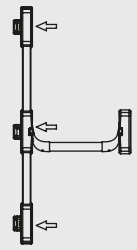
Housings of locks and catches, horizontal bar are made of ZAMAK;
internal lock mechanism, rod - galvanized steel; bar, catch - powder-coated steel

CATALOGUE NUMBER	COMPONENTS	FINISH [C]		
		RAL 9005	RAL 7035	RAL 3020
1B.ZA.007	Central holder	04	05	12
	Latch			
	Catch			
	Horizontal bar			-

How to order: 1B.ZA.007 — C — L. C — H — H1

Catalogue number
Finish for a central holder, latches and a catches
Closure width
Finish for a horizontal bar
Closure height
Height from the closure axis to the bottom latch

Anti-panic lock for double wing door

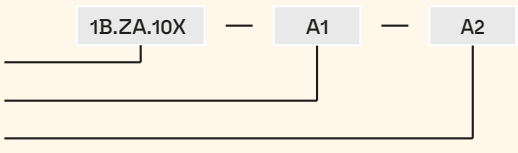
		1B.ZW.101	1B.ZW.102	1B.ZW.103	1B.ZW.104
					
1B.ZA.001 str. 1A-13		A1	-	-	-
1B.ZA.002 str. 1A-14		A2	A1 A2	A1	A1
1B.ZA.003 str. 1A-15		-	-	A2	-
1B.ZA.006 str. 1A-18		-	-	-	A2

How to order :

Cat.number for anti-panic lock for double wing door

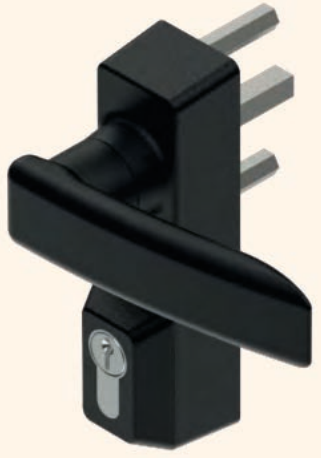
Cat.number for anti-panic lock for first wing door

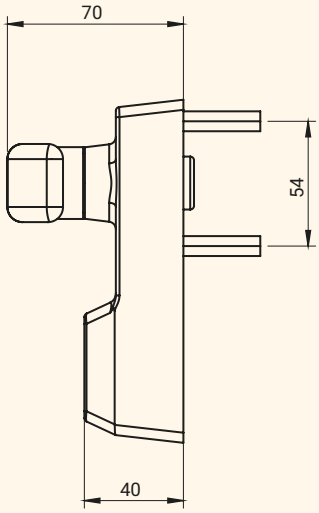
Cat.number for anti-panic lock for second wing door

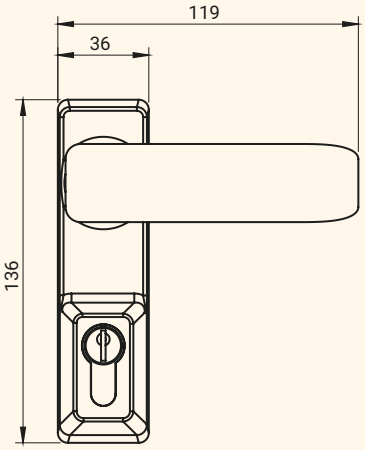


where:
A1, A2 has a full number from the catalogue of chosen lock
(for locks 1B.ZA.001 without H and H1 dimensions)

External fitting with handle for anti-panic locks









External fitting with handle for anti-panic locks. Provided with Europrofile insert.

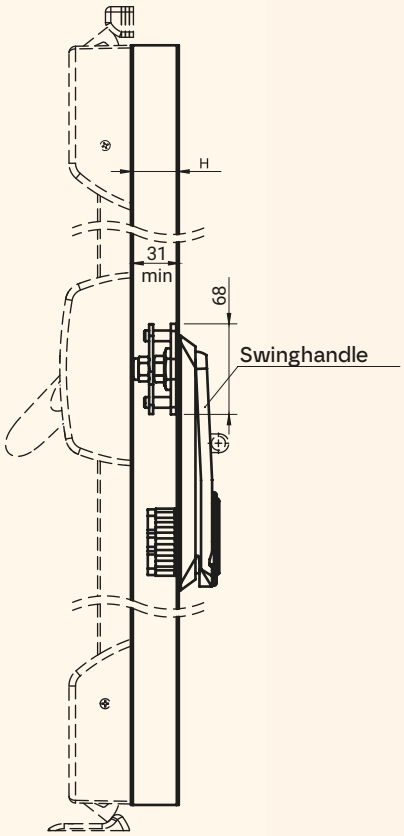
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
1B.ZA.201	Handle	ZAMAK 5	04
	Housing		

How to order : 1B.ZA.201 — C

Catalogue number

Finish

External fitting with handle for anti-panic locks







Cut outs of locks with swinghandle according to catalogue pages of RS200 locks - page 1B-3, RS130 - page 1B-9. The ZA end piece in the catalogue number of swinghandles means that it is a lock adapted to cooperation with an anti-panic lock.
RS130/U ZA i RS200/U ZA - swinghandles with padlock protection.

SWINGHANDLES COMPATIBLE WITH ANTI-PANIC LOCKS				
TYPE OF LOCK	HANDLE MATERIAL, LOCK FINISH [C]			
			Polyamide	
	RAL 9005	RAL 7035	RAL 9005	RAL 7035
RS130ZA RS130/UZA	04	-	07	-
RS200ZA RS200/UZA	04	05	07	08

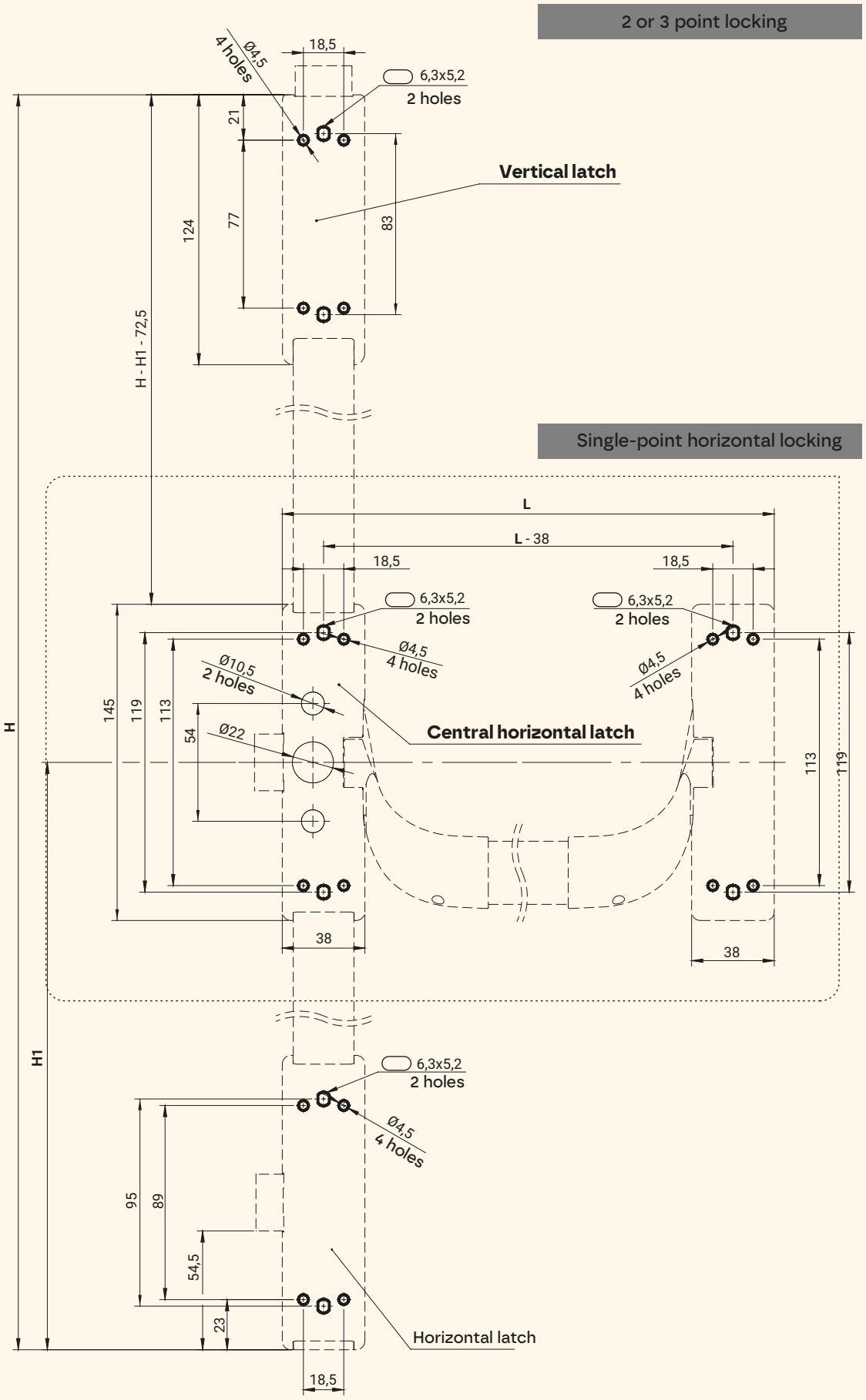
How to order :

Catalogue number

Handle material, lock finish

RS130ZA — C

Cut outs for anti-panic locks



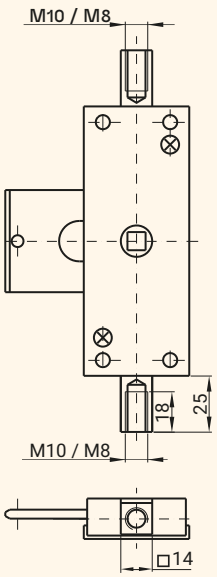
Each lock can be mounted on 4 holes Ø 4,5 or 2 holes 6,3x5,2

Internal lock PANIK - ZW, ZWP

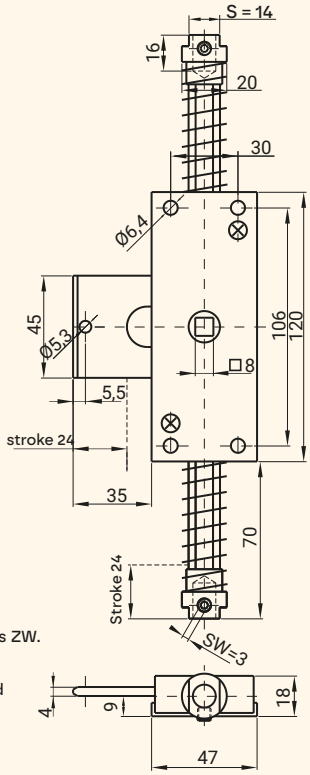




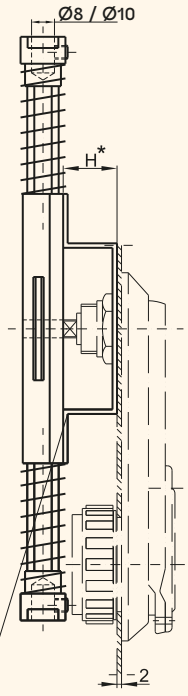
ZWM8 (with thread **M8**) **ZWM10** (with thread **M10**)



ZW8 (with hole **ø8**)



ZW10 (with hole **ø10**)

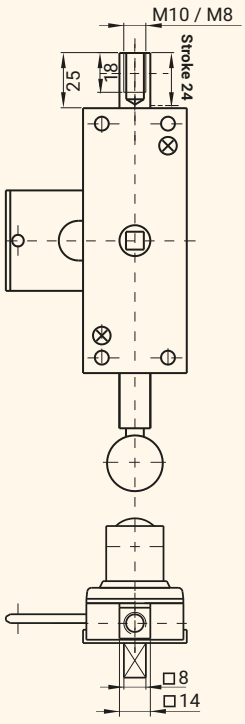


Lock support

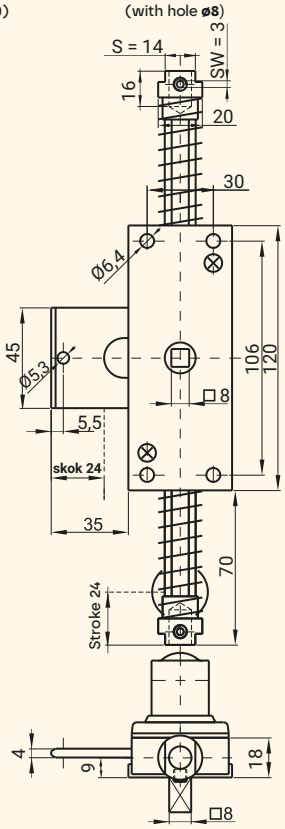
NOTE:

1. When ordering swinghandles RS100, RS130, RS140, RS110, RS901, RS210, RS200 for **internal lock** you should add letters ZW.
2. When ordering swinghandle RS100, RS200, RS130, RS140, RS901, RS110, RS210, for **internal lock** panik, you should add letters ZWP.
3. Lock support only on special request.
4. Left or Right version only for **internal lock** panik

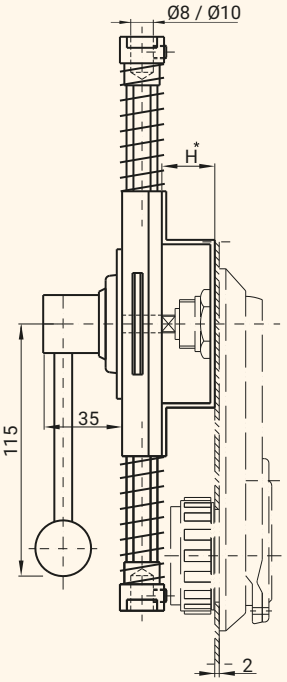
ZWPM8 (with thread **M8**) **ZWPM10** (with thread **M10**)



ZWP8 (with hole **ø8**)

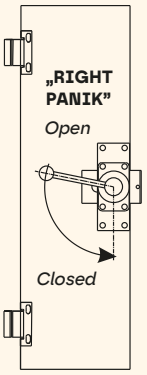


ZWP10 (with hole **ø10**)

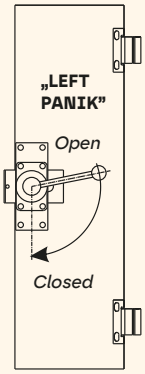


NOTE:

1. When ordering lock ZWP you must define H dimension and version: left or right



View from the inside

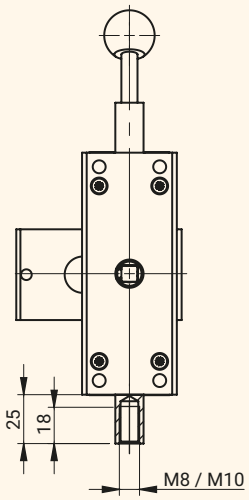


View from the inside

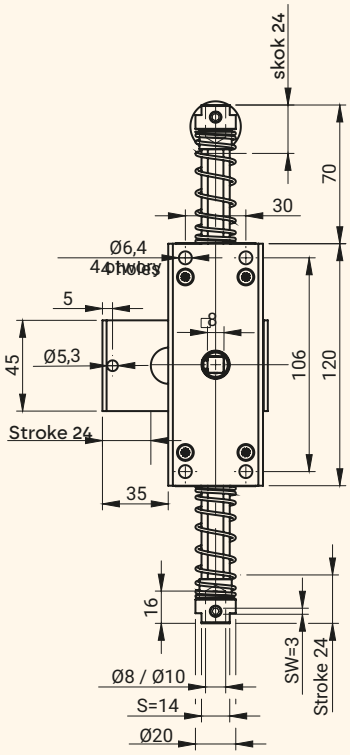
NAME	MATERIAL	NAME	MATERIAL
Internal lock ZWM8	Steel zinc plated	Internal lock panik ZWPM8	Steel zinc plated
Internal lock ZWM10		Internal lock ZWPM10	
Internal lock ZW8 Internal		Internal lock ZWP8	
lock ZW10		Internal lock ZWP10	
• When ordering you must define H dimension			

Internal lock PANIK - ZWP.002

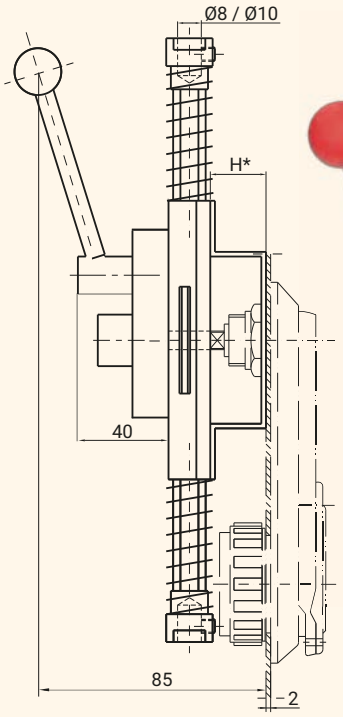
ZWPM8.002 (with thread **M8**) **ZWPM10.002** (with thread **M10**)

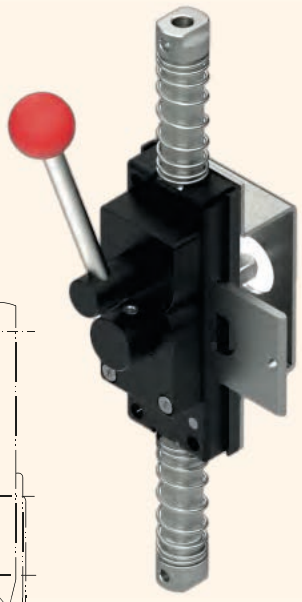


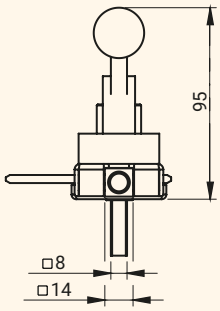
ZWP8.002 (with hole **ø8**)

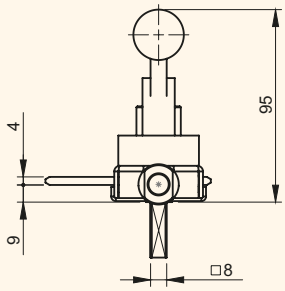


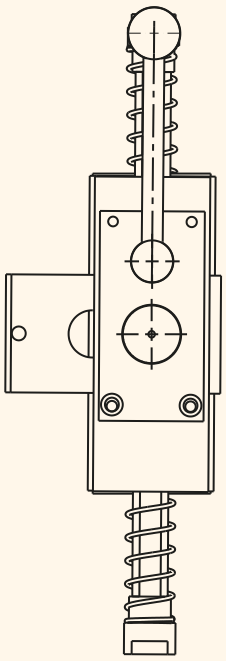
ZWP10.002 (with hole **ø10**)

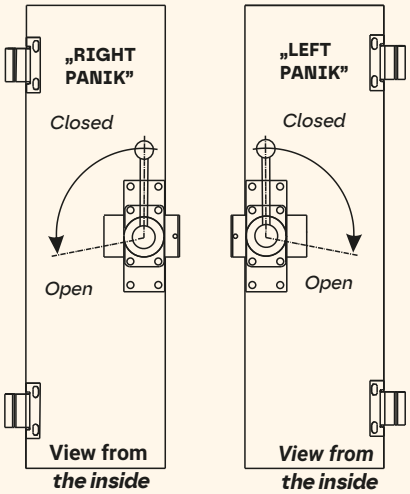












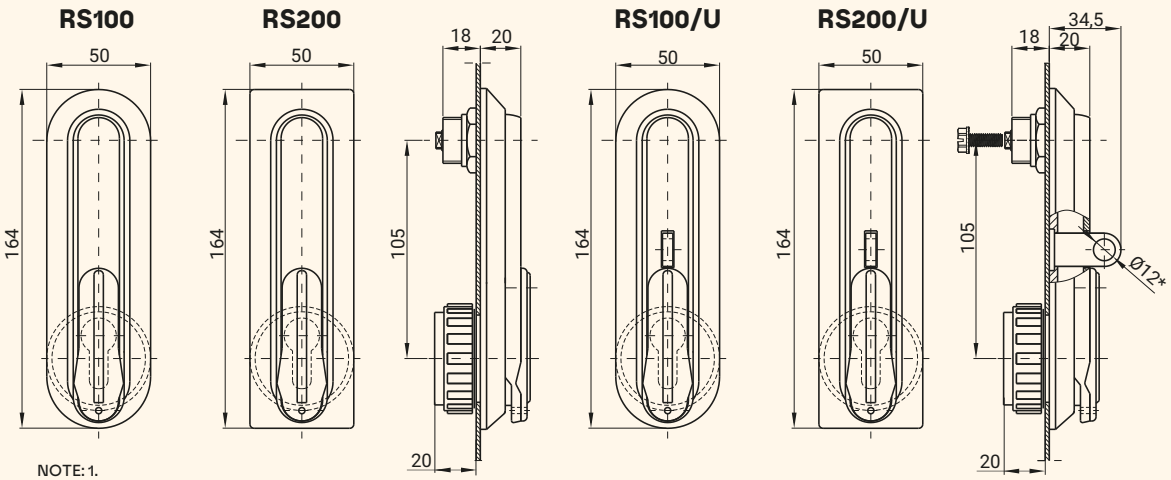
NOTE:
1. When ordering lock ZWP, you must define H dimension and version: left or right

NAME	MATERIAL
Internal lock panik ZWPM8.002 Internal lock panik ZWPM10.002 Internal lock panik ZWP8.002 Internal lock panik ZWP10.002	Steel zinc plated
• When ordering you must define H dimension	

Swinghandle RS100, RS200, RS100/U, RS200/U, RS100/T, RS200/T







NOTE: 1.
When ordering swinghandle RS100, RS200 for **internal lock**, you should add letters e.g. (RS100ZW, RS200ZW).
2. When ordering swinghandle RS100, RS200, for **internal lock panik**, you should add letters ZWP e.g. (RS100ZWP, RS200ZWP)

- Dust covers with individual company logos are available on request.

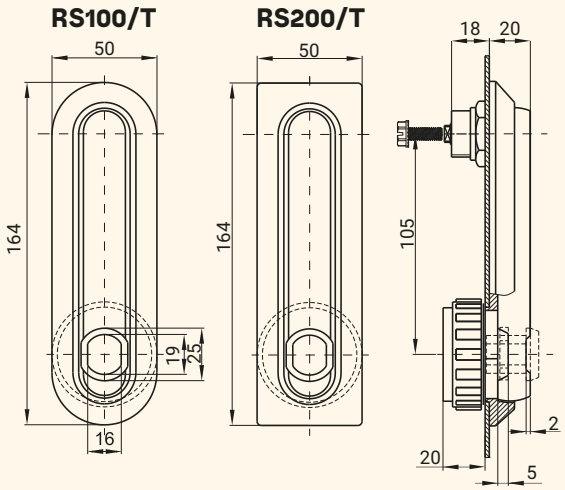
TYPE OF LOCK	COMPONENTS	MATERIAL
RS100	Housing	Polyamide PA6
RS200		
RS100/U	Housing Padlock device	Polyamide PA6
RS200/U		ZAMAK5

MATERIAL AND FINISH [C]			
ZAMAK 5		POLYAMIDE PA6	
RAL 9005	RAL 7035	RAL 9005	RAL 7035
04	05	07	08

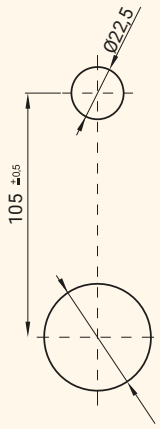
How to order: T
Type of lock
Material handle, finish

RS100/U — [C]



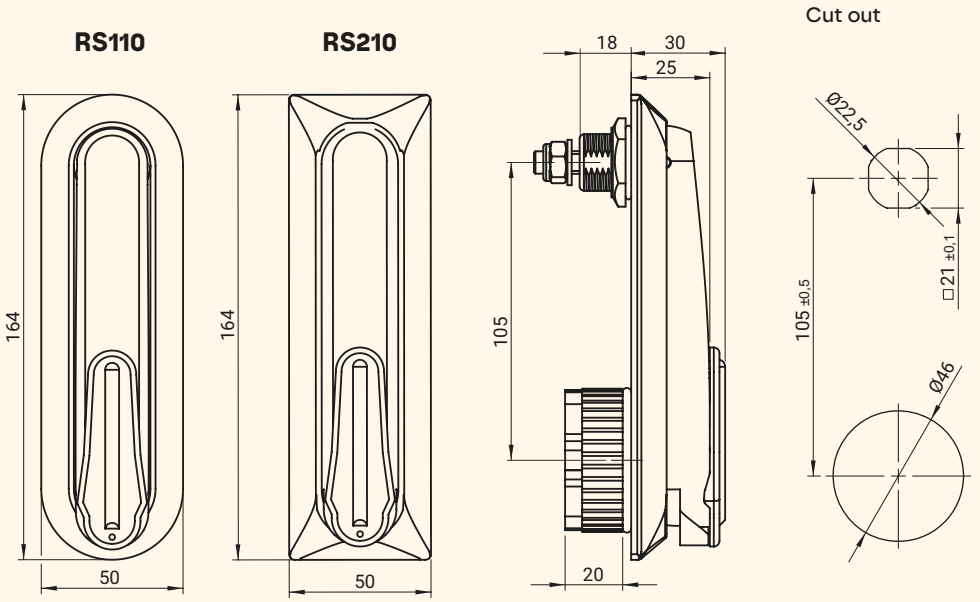


Cut out



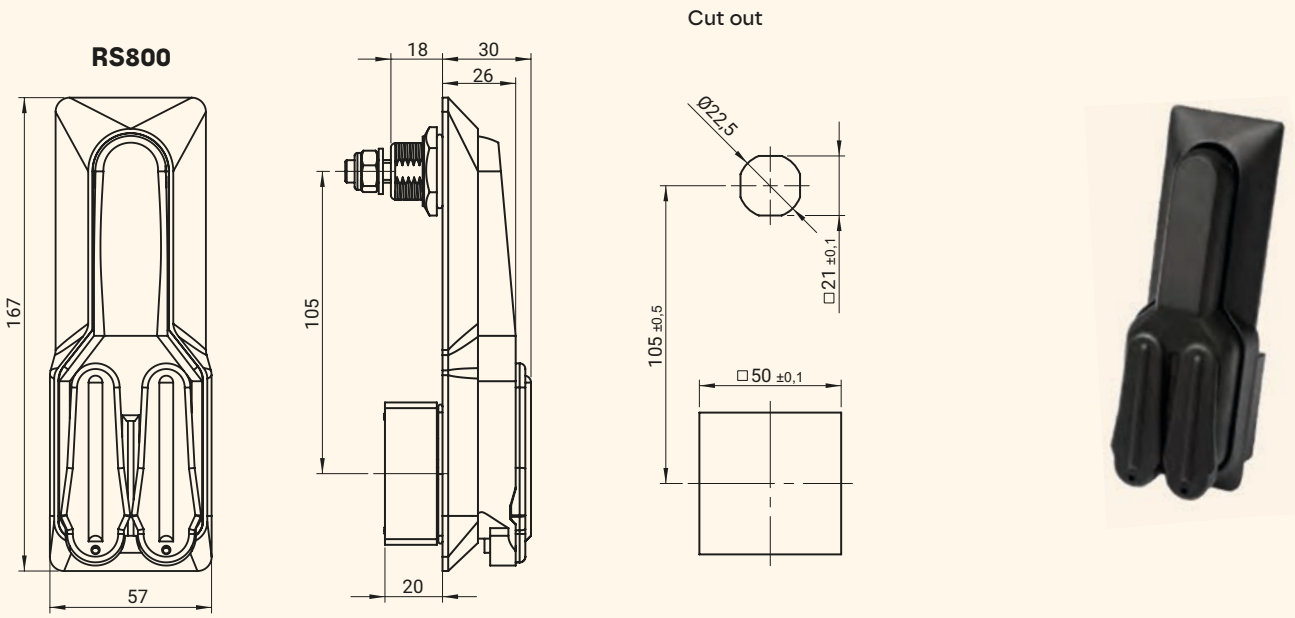
TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
RS100/T	Housing, Handle	Polyamide PA6	07	08
RS200/T				

Swinghandle RS110, RS210, RS800





TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
RS110 **RS210**	Housing, Handle	Polyamide PA GF30	07	08



TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
RS800 **RS800W**	Housing, Handle	Polyamide PA GF30	07	08

NOTE:
Locking is the enhanced version or without reinforcement.
RS800W - with steel reinforcement handle.

How to order:

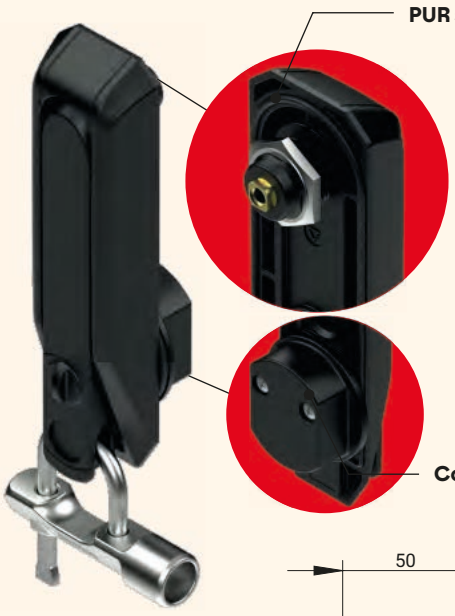
RS800	—	C
Type of lock		
Finish		

Lock RS901

NEW

PUR

IP65

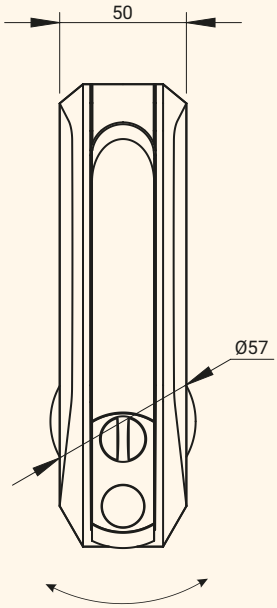


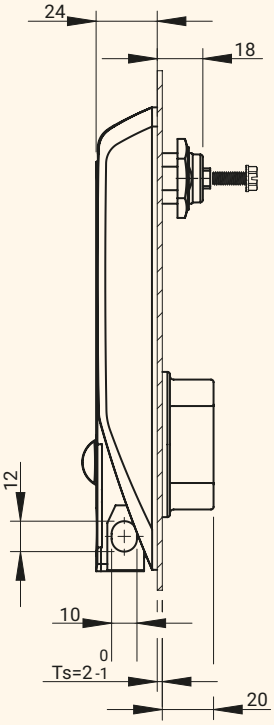
Functionality of the RS901 Lock

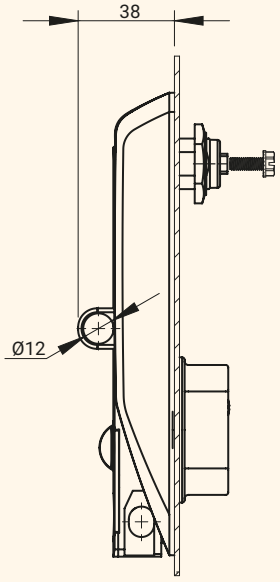
- New ergonomic design
- Works with one-point, two-point, three-point locking system
- The lock has an additional seal with PUR type seal and meets the IP65 standard
- Possibility to mount a Ø7 or Ø12 diameter padlock
- Possibility of locking with two padlocks and additionally with a half-profile cylinder lock or half-profile lock with shaped insert.
- Made of durable material Polyamide PA6 GF30
- Compatible with PANIK / ZWP.001, ZWP.002 and ZW locks

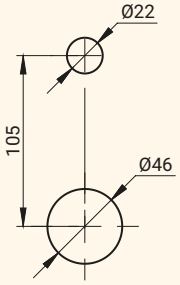
Version A











Version B

The lock meets the IP65 standard for the A version only.

TYPE OF LOCK	VERSION	COMPONENTS	MATERIAL	FINISH [C]	
RS901	A	Housing, handle	Polyamide PA6 Gf30	RAL 9005	RAL 7035
	B			07	08

How to order:

RS901 — B — 07

Type of lock
Version Finish
[C]

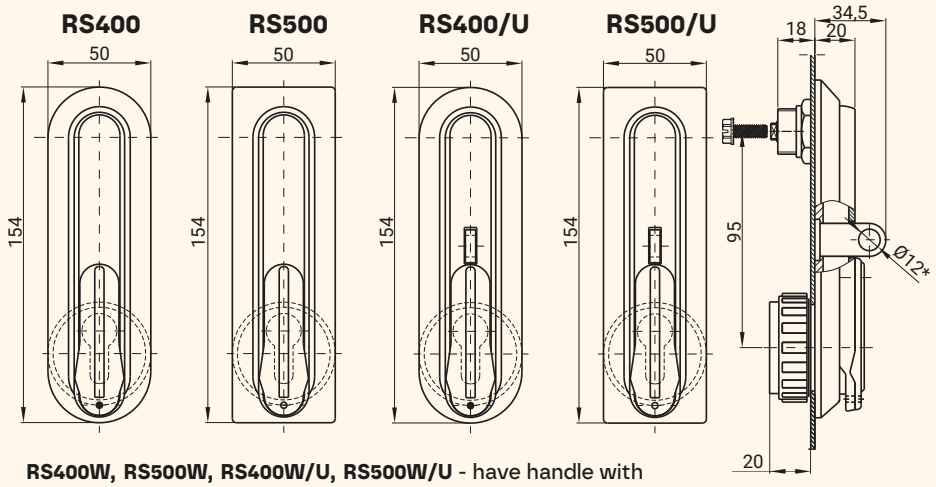
where:
Ts - door thickness

The lock is fitted with cams from the group: 15, 16, 19, 21, 35, 36, JK1-10018-G-M, JK2-10018-G-M (page 1C-12 to 1C-21)

The lock works with inserts: WRS-X, WRS-B.001, WRS-P.001, WRS-D13.001, WRS-D13.002 (page 1C-1 to 1C-2)

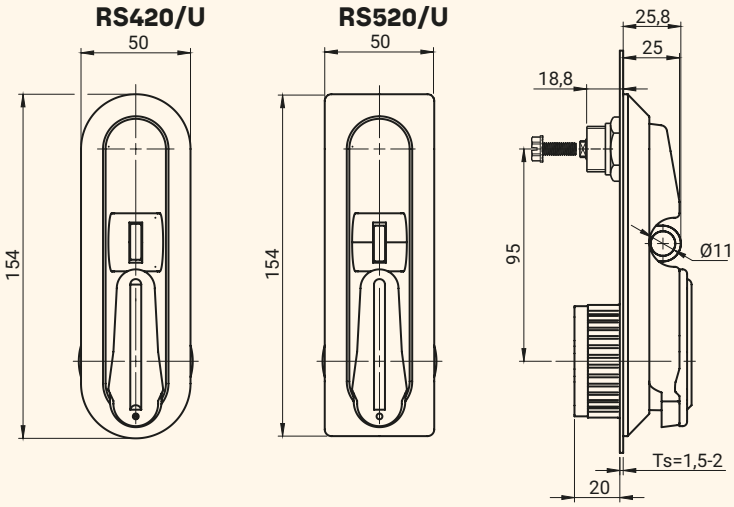
Swinghandle

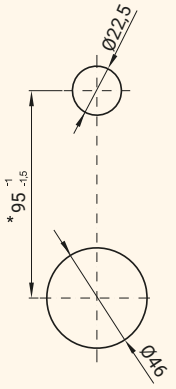
RS400, RS400W, RS400/U, RS400W/U, RS420, RS420/U,
RS500, RS500W, RS500/U, RS500W/U, RS520, RS520/U





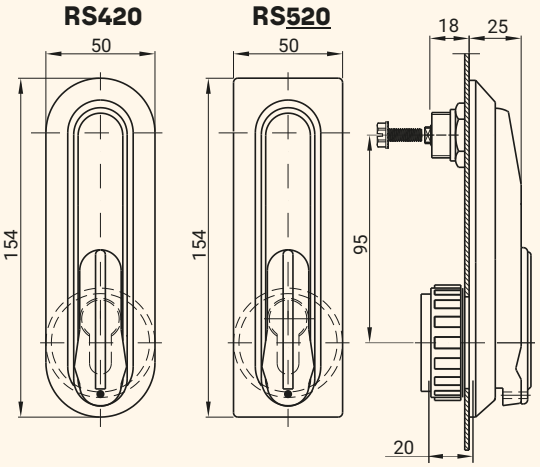
RS400W, RS500W, RS400W/U, RS500W/U - have handle with steel strenghtening inside





Cut out





(*) - Padlock device is available with diameter Ø12



• **Additionally** there is a possibility of putting company logo on a dust cover

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
RS400 **RS500** **RS400W** **RS500W** **RS400/U** **RS500/U** **RS400W/U** **RS500W/U** **RS420** **RS520** **RS420/U** **RS520/U**	Housing, handle	Polyamide PA6	07	08

How to order:

RS420/U — C

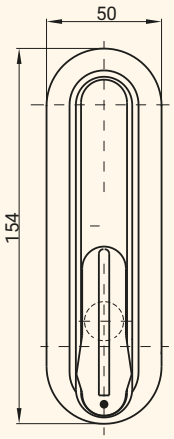
TType of lockype of lock

Finish

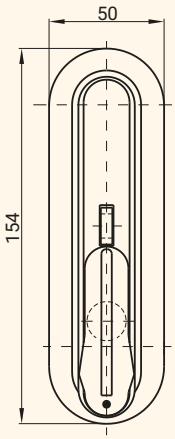
Swinghandle
RS430, RS430/U, RS530, RS530/U

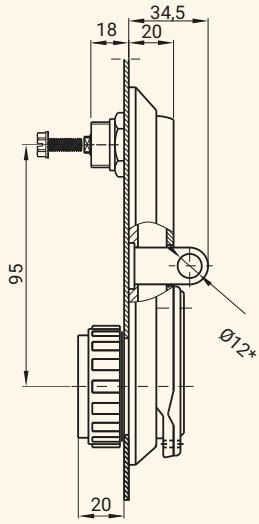


RS430



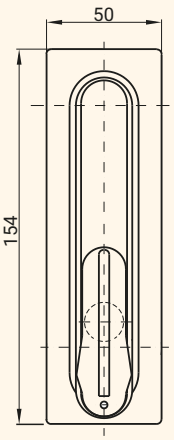
RS430/U



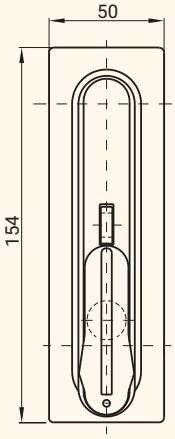


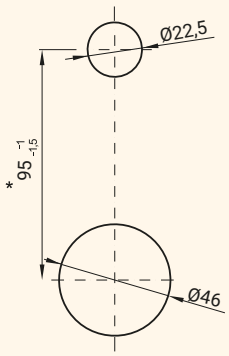


RS530



RS530/U





Cut out

TYPE OF LOCK	COMPONENTS	MATERIAL
RS430, RS430/U **RS530, RS530/U**	Housing, handle	Poliamide
	Padlock ring	ZAMAK 5

INSERTS							FINISH [C]	
							RAL 9005	RAL 7035
D3	D5	T9	T10	KW8	S	N	07	08

How to order:

RS430/U — T9 — C

Type of lock
Type of insert
Finish

TYPE OF LOCK	COMPONENTS	MATERIAL
RS430, RS430/U **RS530, RS530/U**	Housing, handle	Poliamid
	Padlock ring	ZAMAK 5

KEY CODE			FINISH [C]	
1333	455E	2432E	RAL 9005	RAL 7035
405E	1242E	Different code	07	08

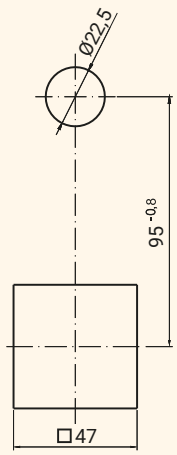
How to order:

RS430/U — 1333 — C

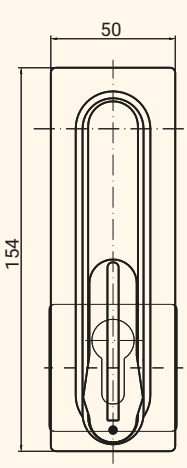
Type of lock
Key code
Finish

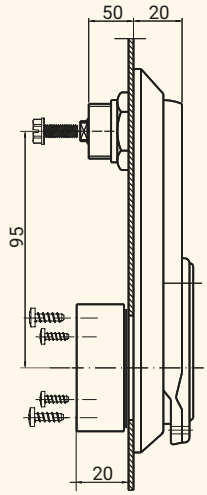
Lock with handle RS 430, RS 430/U, RS 530, RS 530/U is compatible with cam: 15, 16, 19, 21, 35, 36, JK-10018, JK1-10018, JK2-10018, J-6000 (pg. 1C-12 do 1C-21)
H.G dimension to be chosen from pages 1C-9 to 1C-16

Swinghandle RS510, RS900



Cut out

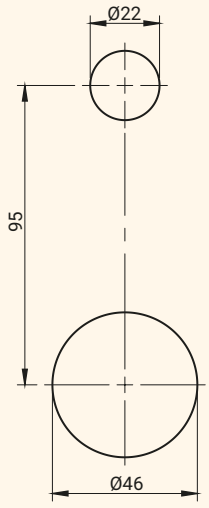




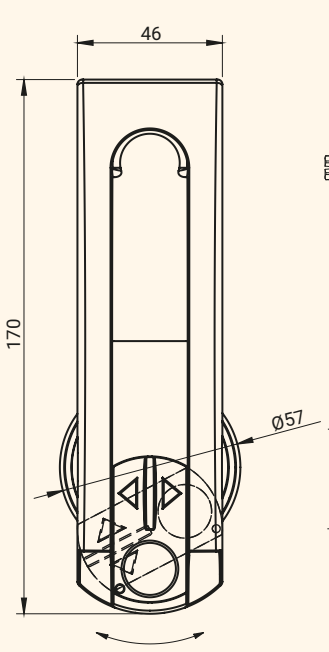


RS510

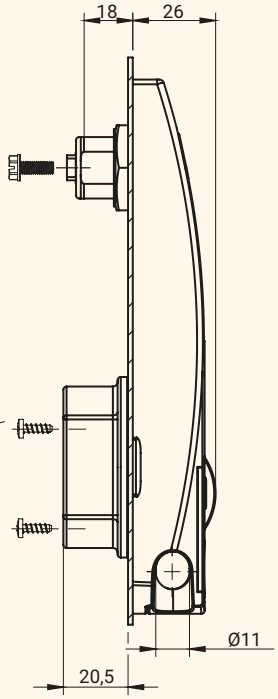
TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
RS510	Housing, handle	Polyamide -	07	08
PA6 • Additionally there is a possibility of putting company logo on a dust cover				



Cut out



The shutter of the insert is rotated





RS900

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
RS900	Housing, handle	Polyamide - PA6	07	08

How to order:

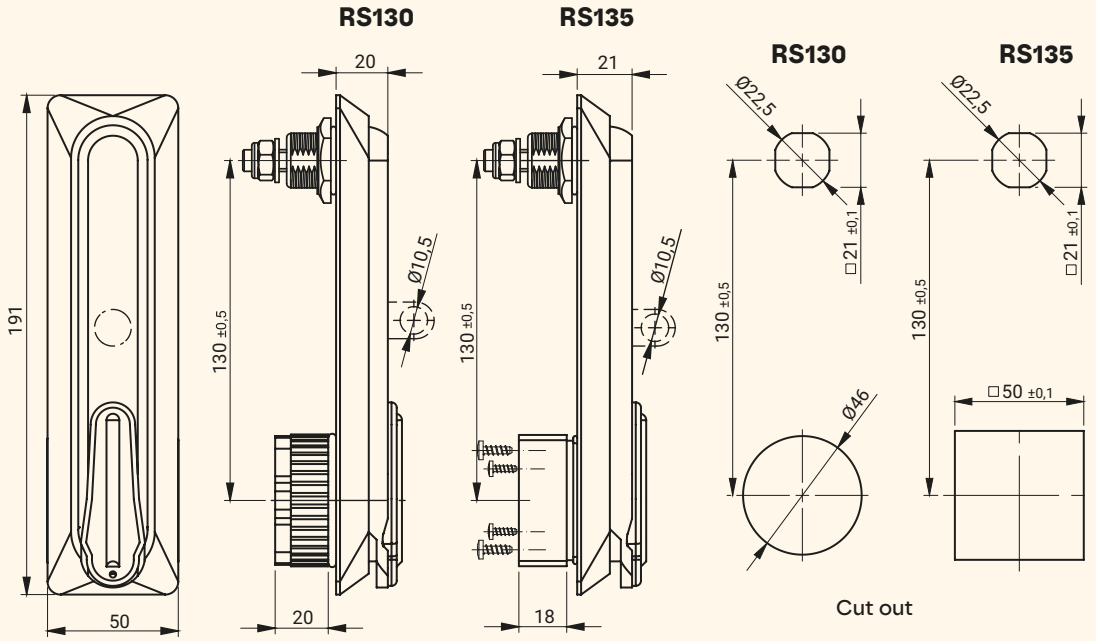
RS900 – C

Type of lock

Finish

Swinghandle
RS130, RS135, RS140, RS145





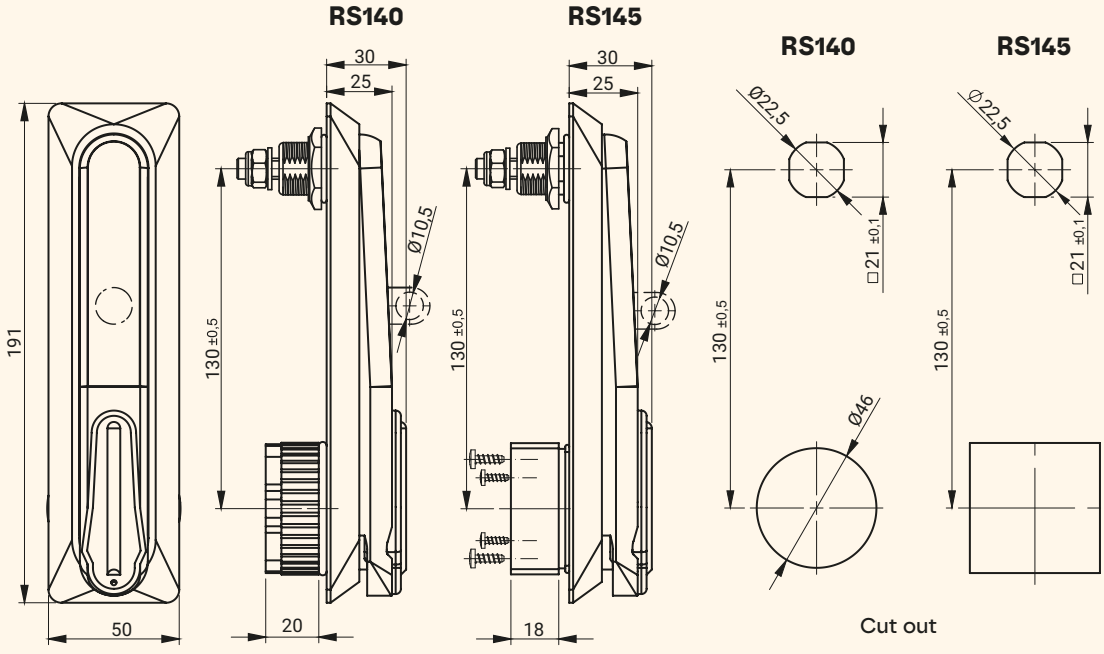
TYPE OF LOCK	COMPONENTS	MATERIAL
RS130, RS130/U	Housing	Polyamide - PA6 GF30
RS135, RS135/U		

MATERIAL AND FINISH [C]	
ZAMAK 5	**POLYAMIDE PA6 GF30**
RAL9005	RAL9005
04	07

How to order:
Type of lock
Material handle, colour

RS130 — C





TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
RS140, RS140/U **RS145, RS145/U**	Housing	Polyamide PA6 GF30	04
	Handle	ZAMAK 5	

Elektronic lock RS-E



It has two opening points:

- Mechanical - cylinder with a patent key for emergency opening in case of power failure
- Electronic - built-in micro servo

Technical data:

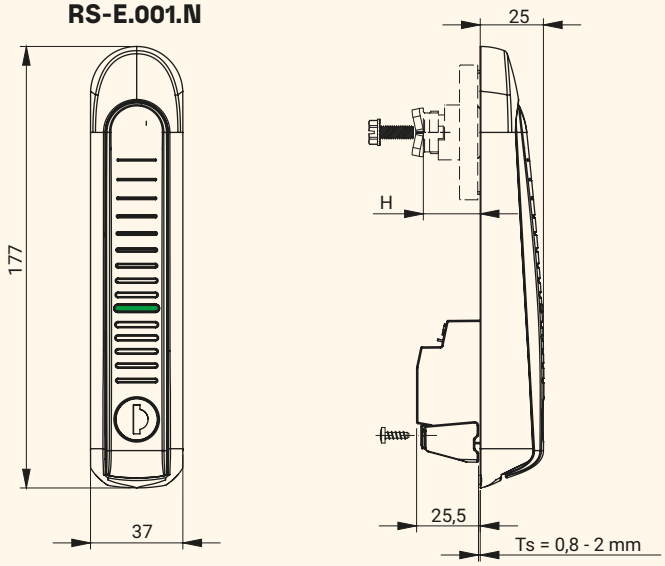
- RFID technology
- 4-digit PIN code
- Compatible with the access control system EMI-One
- Built-in handle position sensor in the lock for warning purposes the user to leave the lock open when the cabinet door is closed. Power
- supply for 12V DC lock
- Built-in buzzer for lock action signaling
- LED indicating the lock status
- Storage of login information Minimum 10 years
- The RS-E.001.M lock cooperates with the cogwel mechanism MZ2 (pp. 1C-30 to 1C-31)
- The RS-E.001.N lock cooperates with the 1C.902.001 cover plate. (pages 1C-26) and with cams 1-point from group 11, 13



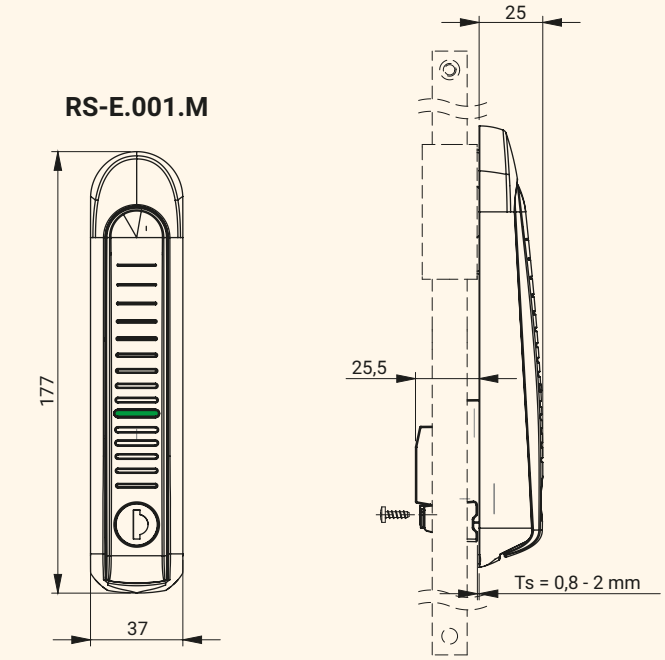
Elektronic lock RS-E

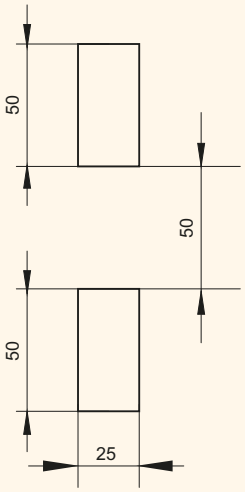


RS-E.001.N



RS-E.001.M





Cut out

Power supply : 12V DC.
Lock RS-E.001MZ is compatible with cogwheel mechanism MZ2 (pg 1C-30 to 1C-33) - should be ordered separately.
Lock RS-E.001N is compatible with a cap 1C.902.001 (pg 1C-27)
and cams: 1-point from group 11, 13 (pg 1C10, 1C-11) - should be ordered separately.
* EMI access control equipment to be ordered separately

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
RS-E.001.N **RS-E.001.M**	Handle, housing	PA6 GF30	07

CONFIGURATIONS OF ACCESS ARE POSSIBLE		
DESCRIPTION		**CONFIGURATIONS**
key	Standard lock	001
key + RFID card	Stand-alone version with RFID system	002
key + keypad	Stand-alone version with keypad lock	003
key + EMI key +	Electronic lock with EMI* control system	004
RFID card + EMI	Electronic lock with EMI* control system	005

How to order:

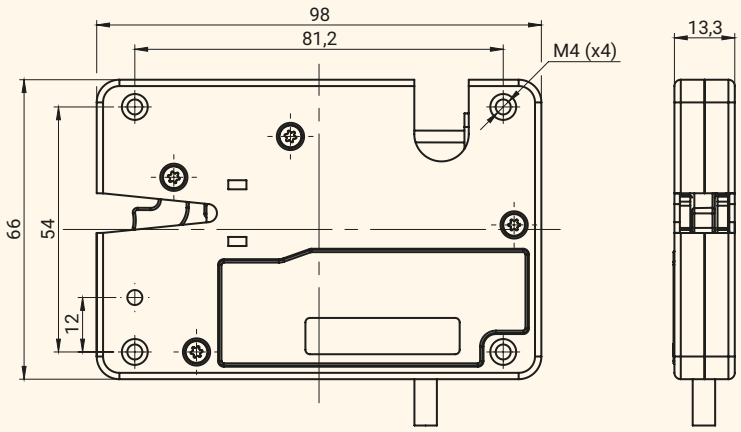
RS-E.001.N — 002 — [C]

Type of lock
Configurations of access
Finish

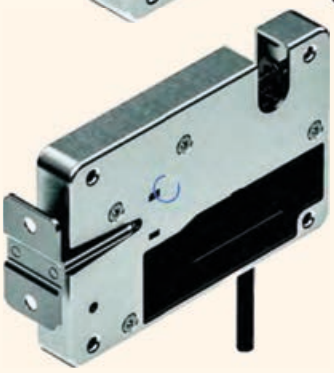
Electronic lock with rotary mechanism 2.ZME1

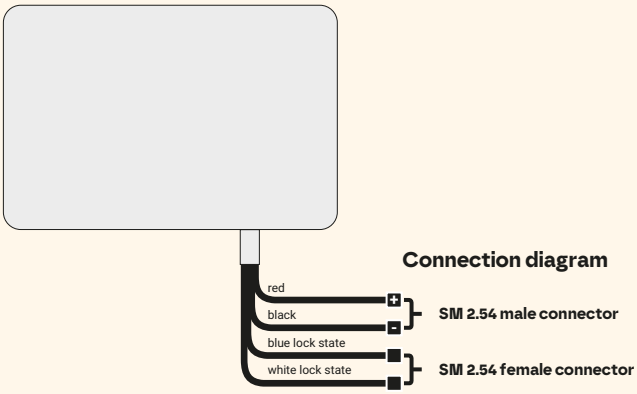
stainless steel

NEW









Connection diagram

1. Wide operating voltage range: 8-24V
2. All electronic parts are protected in a sealed ABS housing (IP65)
3. Emergency opening
4. The maximum breaking force of 250 kg

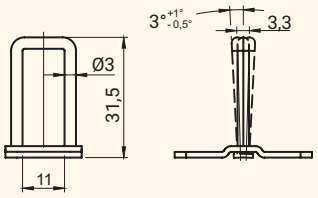
Technical details

- 8-24V DC power supply
- Working current 100 mA (DC)
- Working temperature -40°C ~ +75°C
- CE, ROHS & REACH

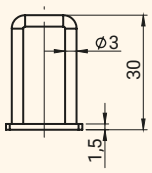
Lock latches 2.ZME1



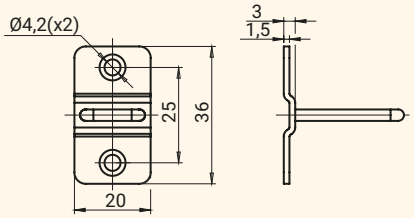
WA1

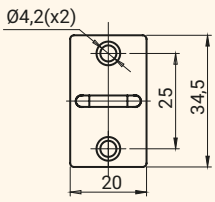


WA2









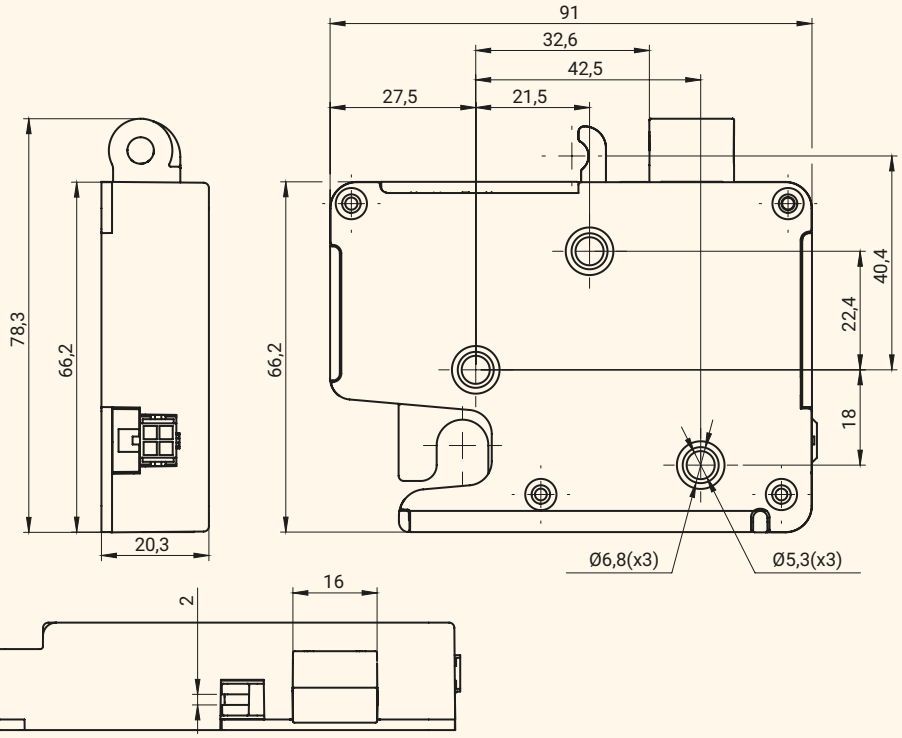
TYPE OF LOCK	LATCH VERSION	MATERIAL
2.ZME1.001	WA1	Stainless steel 304 ABS
2.ZME1.002	WA2	

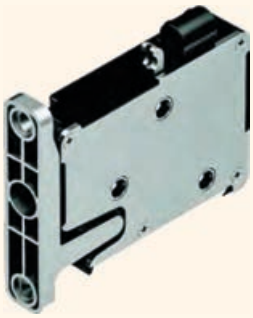
Electronic lock with rotary mechanism
2.ZME2

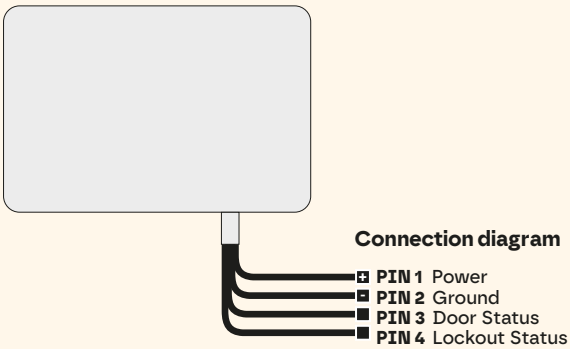
NEW

stainless steel









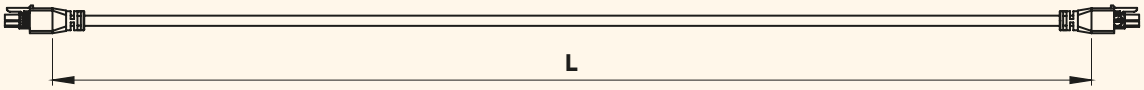
1. Compact snap-on housing for universal mounting
2. Emergency opening
3. Rotary mechanism - electronic opening.
4. Easy to close by pushing the door

Technical details

- 8-24V DC power supply
- Working temperature -20°C ~ +65°C
- CE, ROHS & REACH
- Work cycles: <500,000 times

TYPE OF LOCK	LATCH VERSION	MATERIAL
2.ZME2.001	WA1	Stainless steel 304 ABS PC

Power cord



LENGTH OF POWER CORD [X]				
L	250±5	650±10	1000±15	1500±15
X	1	2	3	4

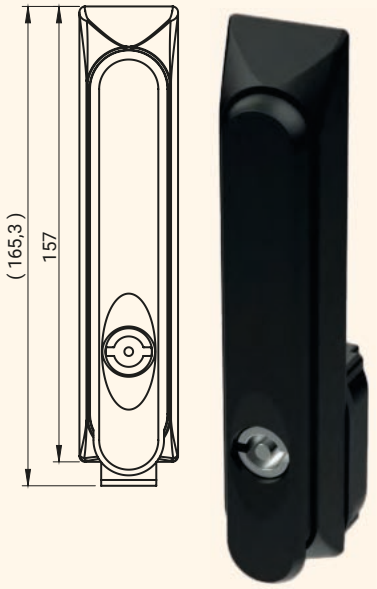
How to order:

2.ZME2.001 — 2

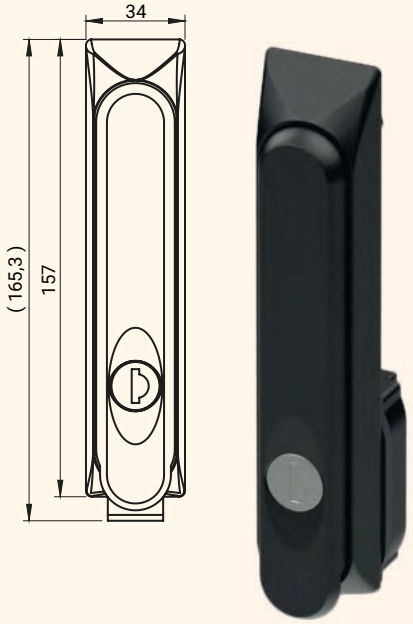
Type of lock

Length of power cord [X]

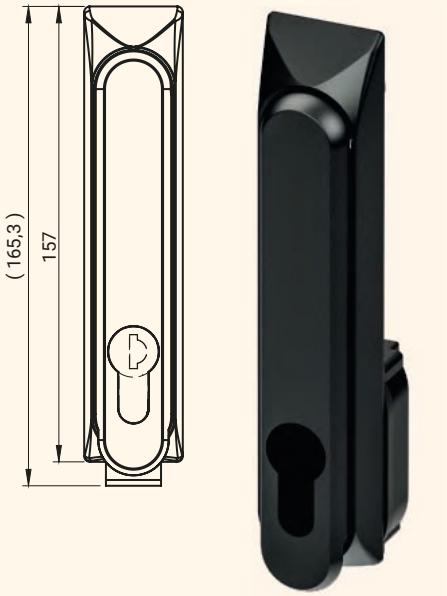
Swinghandle RS650



VERSION [S]



VERSION [B]



VERSION [W]



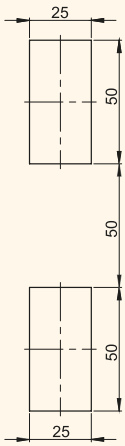
WITHOUT AN APERTURE



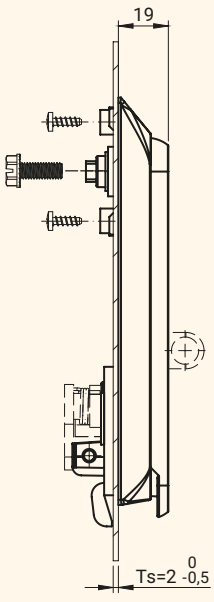
WITH APERTURE



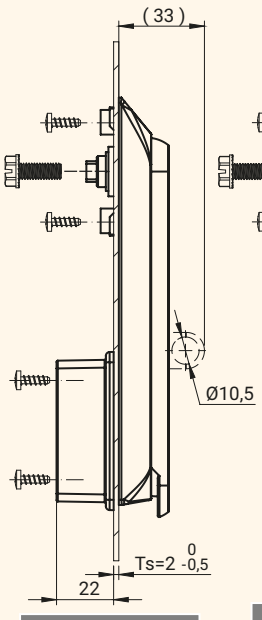
WITH PADLOCK HOLDER



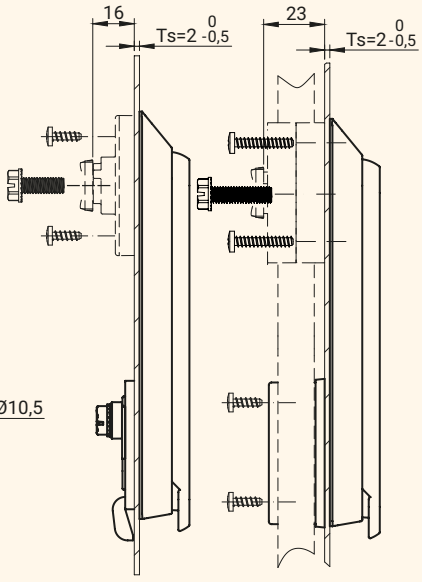
Cut out



TYPE A



TYPE B



Version for a cap [N]

Version for a cogwheel mechanism [M]

where:
Ts - mounting sheet thickness

Swinghandle RS650

TYPE	WITHOUT CYLINDER COVER			CYLINDER COVER		
	VERSION [S]	VERSION [B]	VERSION [W]	VERSION [S]	VERSION [B]	VERSION [W]
A	RS650.001	RS650.002	RS650.003	RS650.007	RS650.008	RS650.009
	FOR PADLOCK					
	RS650.004	RS650.005	RS650.006	RS650.010	RS650.011	RS650.012
B	RS650.101	RS650.102	RS650.103	RS650.107	RS650.108	RS650.109
	FOR PADLOCK					
	RS650.104	RS650.105	RS650.106	RS650.110	RS650.111	RS650.112

COMPONENTS	MATERIAL	FINISH [C]	
		RAL 9005	RAL 7035
Housing, Handle	Polyamide PA6 GF30	07	08

[S]	MATERIAL	FINISH
	ZAMAK 5	Nickel
	PIN TYPE[X]	
	D3	
	D5	
	T9	
	C9	
	KW8	
	S	

[B]	KEY CODE
	1333
	405E
	455E
	1242E
	2432E
	Different code

How to order:

RS650.001.N — 08 — T9 — 1333

Type of lock

For cap [N] For a cogwheel mechanism [M]

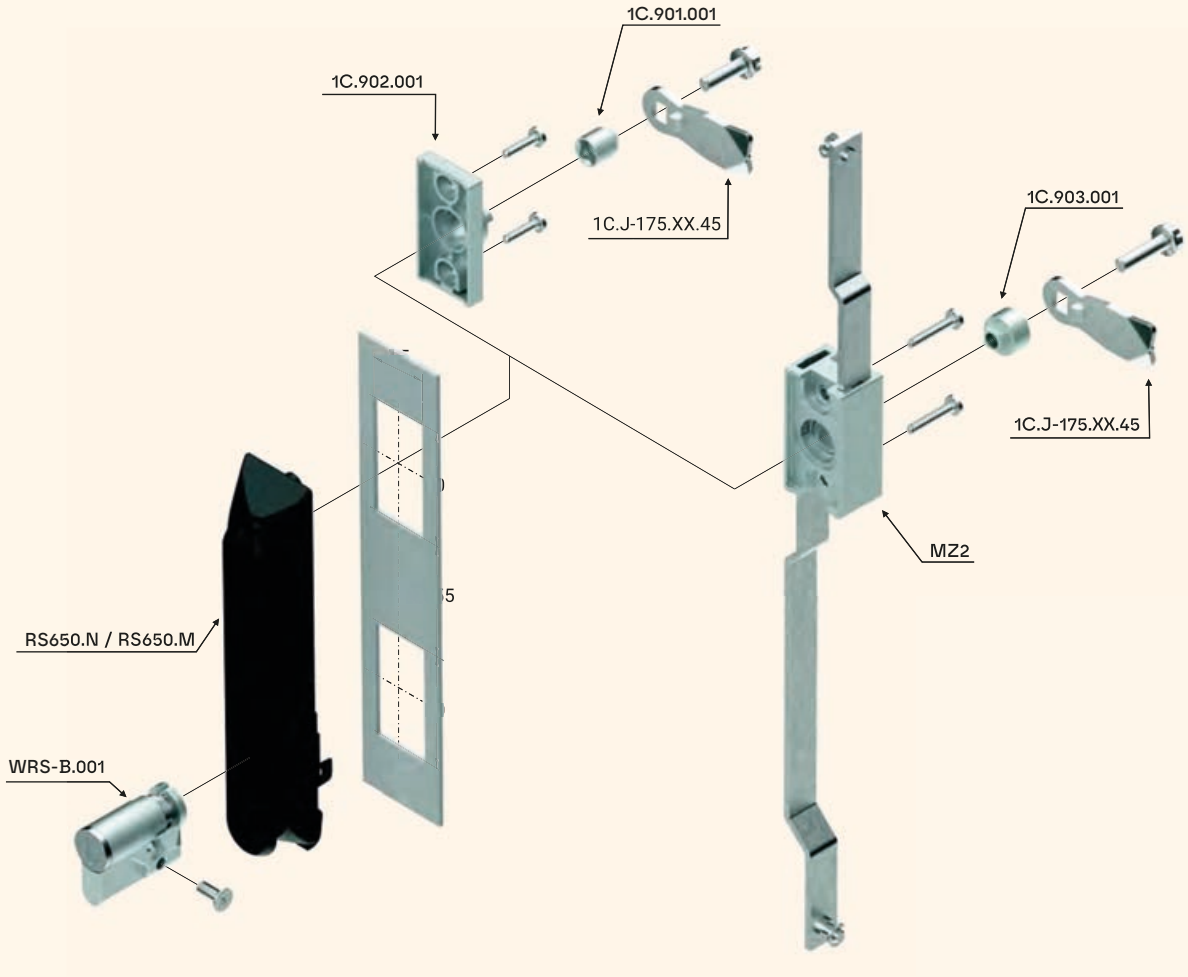
Finish [C]

Insert type [X]
- To be specified when selecting RS650 [S]

Key code]
- Please specify when selecting RS650 [B]

* Profile half cylinder, patent and shaped insert must be ordered separately, see page: 1C-1 do 1C-2
Accessories to be ordered separately for a cap or a gear mechanism are shown on page 1B-16.

Swinghandle for overlay or gear mechanism RS650



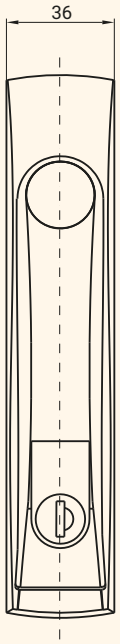
ACCESSORIES ORDERED SEPARATELY UNDER THE COVER [N]			
TYPE OF LOCK		DETAIL	PAGE
RS650.001.N RS650.002.N RS650.003.N RS650.004.N RS650.005.N RS650.006.N RS650.007.N RS650.008.N RS650.009.N RS650.010.N RS650.011.N RS650.012.N	RS650.101.N RS650.102.N RS650.103.N RS650.104.N RS650.105.N RS650.106.N RS650.107.N RS650.108.N RS650.109.N RS650.110.N RS650.111.N RS650.112.N	Cap 1C.902.001 / 1C.902.003	1C-27
		Bushing 1C.901.001	1C-27
		1-point cam, group: 11, 13	1C-10, 1C-11
		2-point cam, group: 21	1C-15
		3-point cam, group: 31, 33	1C-17, 1C-18
		Rods	1C-4, 1C-5
		Rod guide	1C-6, 1C-7
		Shaped insert, profile cylinder	1C-1 - 1C-2

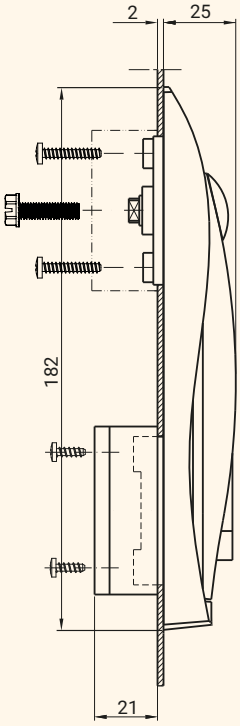
ACCESSORIES ORDERED SEPARATELY FOR THE RACK MECHANISM [M]			
TYPE OF LOCK		DETAIL	PAGE
RS650.001.M RS650.002.M RS650.003.M RS650.004.M RS650.005.M RS650.006.M RS650.007.M RS650.008.M RS650.009.M RS650.010.M RS650.011.M RS650.012.M	RS650.101.M RS650.102.M RS650.103.M RS650.104.M RS650.105.M RS650.106.M RS650.107.M RS650.108.M RS650.109.M RS650.110.M RS650.111.M RS650.112.M	Cogwheel mechanism MZ2 / MZ3	1C-30 - 1C-33
		1-point cam, groups: 11, 13	1C-10 - 1C-11
		Adapter 1C.903.001	1C-27
		Flat bar	1C-34 - 1C-40
		Flat bar guides and supports	1C-6, 8, 1C-34 - 1C-40

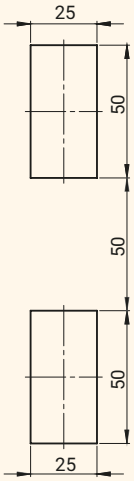
Swinghandle RS610

RS610.M
RS610.N









Cut out

* possibility of making a logo by Pad Printing

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
RS610	Body, Handle	Polyamide PA6 GF30	07

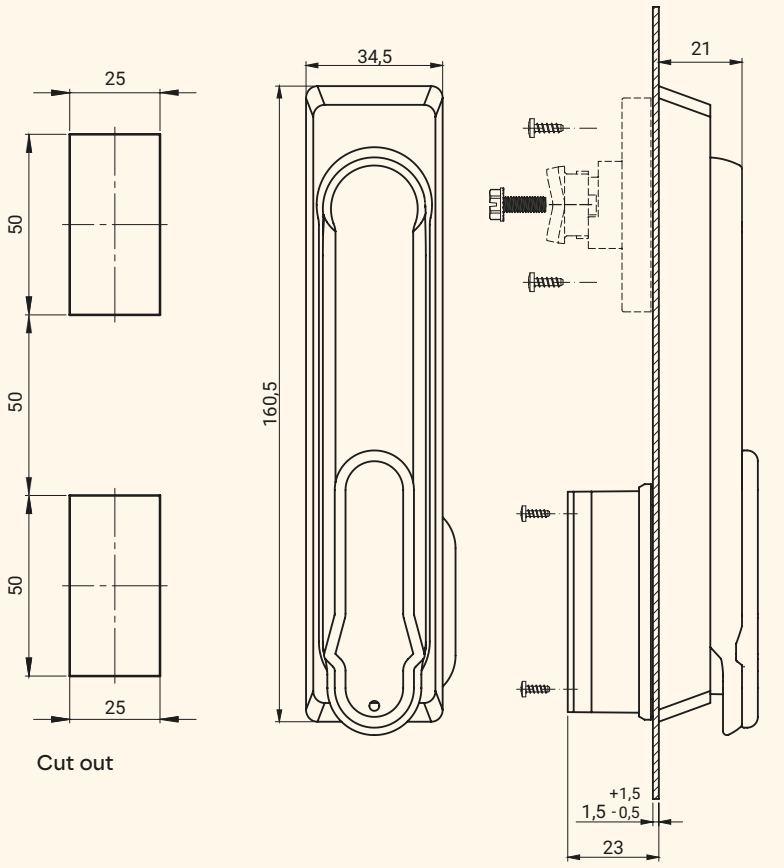
How to order: RS610 — [C]

Type of lock

Finish

Swinghandle RS173

stainless steel | IP65



Cut out

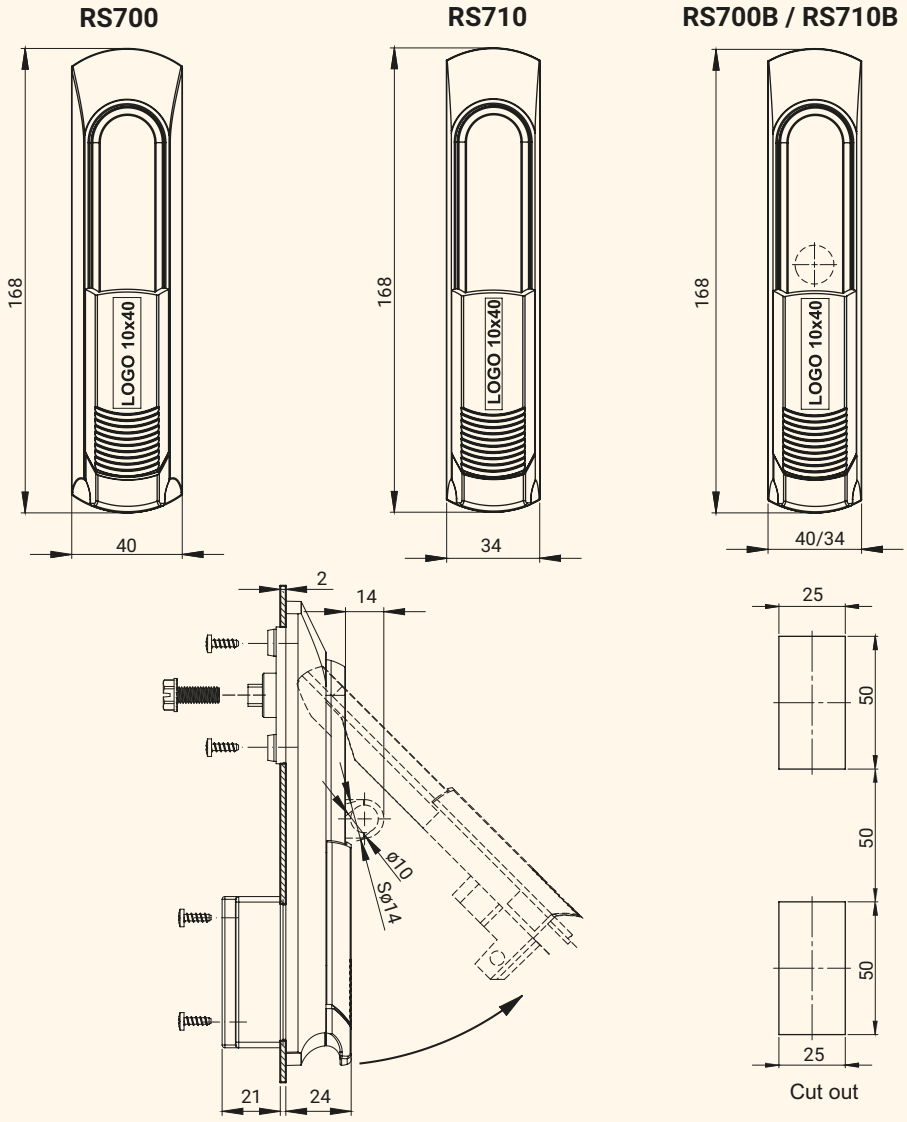


TYPE OF LOCK	COMPONENTS	MATERIAL
RS173.002	Body, Handle	Stainless steel

EXTRA COMPONENTS		
		
Profile cylinder RS	Cogwheel mechanism	Bushing, Adapter
PG. 1C-1	**PG. 1C-30-33**	**PG. 1C-27**

Swinghandle RS700, RS710





MATERIAL AND COLOUR [C]			
ZAMAK 5		POLYAMIDE	
RAL 9005	RAL 7035	RAL 9005	RAL 7035
04	05	07	08

TYPE OF LOCK	VERSION	COMPONENTS	MATERIAL [C]
RS700.N	For the cap 1C.902.001	Housing, Sliding dust cover	Polyamide
RS710.N			
RS700B.N			
RS710B.N			
RS700.M	For the rod control		
RS710.M			
RS700B.M			
RS710B.M			

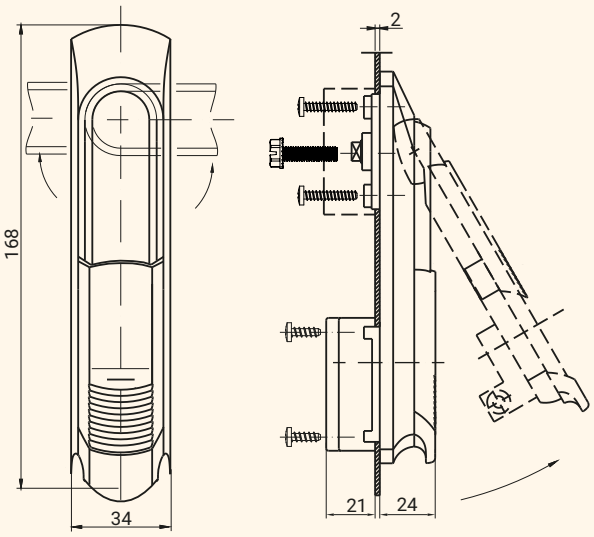
How to order:

RS700B.M — 04 — 08

Type of lock
Material handle, finish
Finish - Housing, Sliding dust cover

The swinghandle is fitted with a profile that must be ordered separately (pg. 1C-1, 1C-2).
In addition the swinghandle is fitted with a gear mechanism (pg. 1C-31 to 1C-34) or the cover plate 1C.902.001 (pg. 1C-28), which must also be ordered separately.
Lock RS700-U, RS710-U - version with the pin for padlock.

Swinghandle RS715, RS716





TYPE OF LOCK	VERSION	COMPONENTS	MATERIAL
RS715.N	Cap 1C.902.001	Body, Handle	Polyamide
RS715.M	Cogwheel mechanism		Polyamide

KEY CODE		MZ				FINISH [C]	
						RAL 9005	RAL 7035
1333	405E	455E	1242E	2432E	RK	07	08

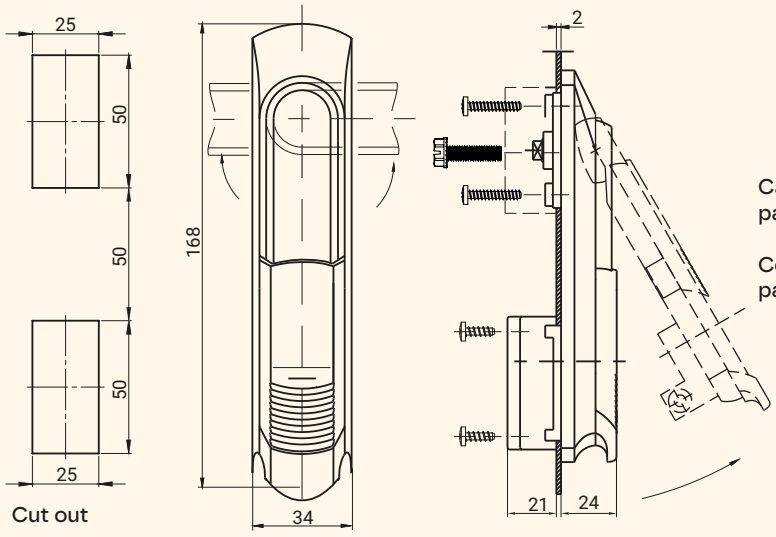
How to order:

RS715.M — 1333 — [C]

Type of lock

Key code

Finish



Cap 1C.902.001
page 1C-27

Cogwheel mechanism MZ
page 1C-30 do 1C-33



*possibility to make company logo on handle

TYPE OF LOCK	VERSION	COMPONENTS	MATERIAL
RS716.N	Cap 1C.902.001	Body, Handle	Polyamide
RS716.M	Cogwheel mechanism		Polyamide

PIN		MZ					FINISH [C]	
							RAL 9005	RAL 7035
D3	D5	T9	T10	KW8	S	N	07	08

How to order:

RS716.N — T9 — 07

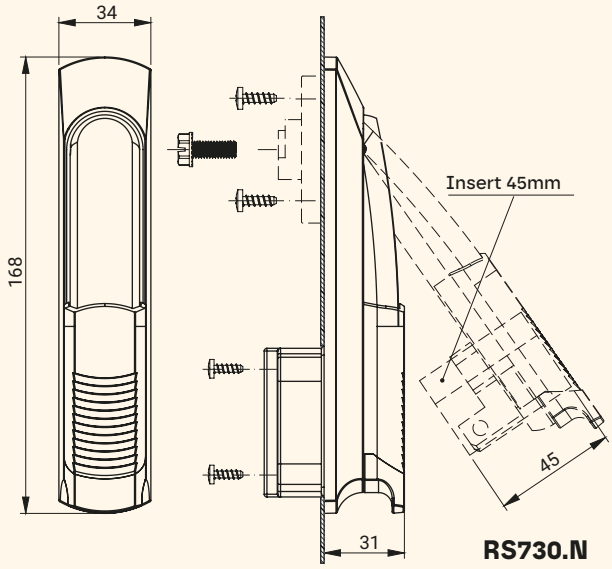
Type of lock

Pin type Finish

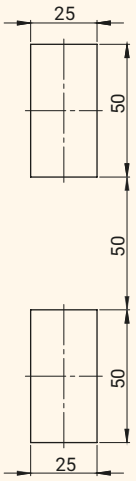
Swinghandle RS730



RS730-45



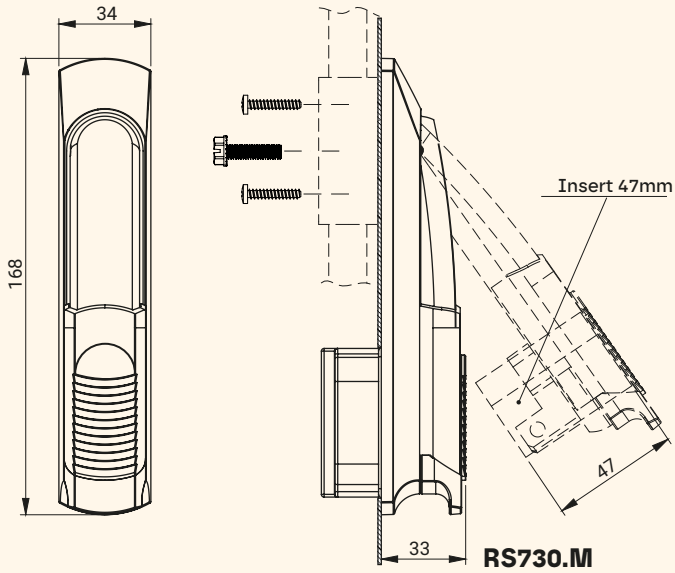
RS730.N



Cut out



RS730-47



RS730.M

TYPE OF LOCK	VERSION	COMPONENTS	MATERIAL	FINISH [C]	
				RAL 9005	RAL 7035
RS730-45.N	For the cap 1C.902.001	Housing, Handle	Polyamide PA GF30	07	08
RS730-47.N					
RS730-45.M	For the rod control				
RS730-47.M					

How to order:

RS730-45.N — [C]

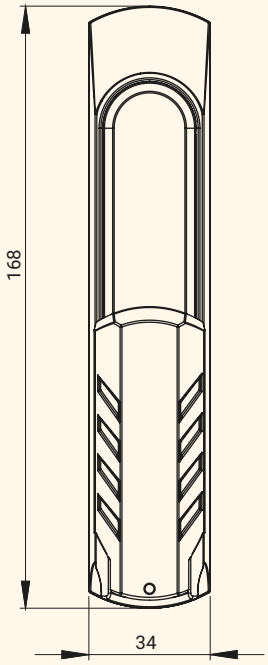
Type of lock

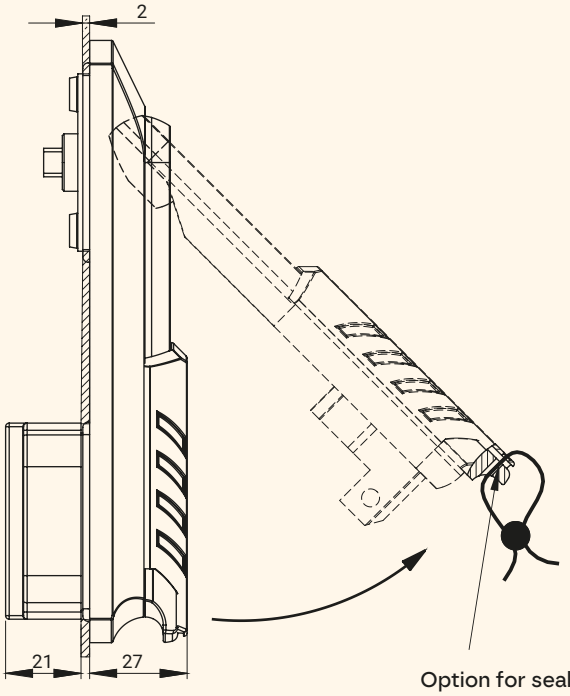
Finish

The swinghandle is fitted with a profile that must be ordered separately (pg. 1C-1, 1C-2). In addition the swinghandle is fitted with a gear mechanism (pg. 1C-31 to 1C-34) or the cover plate 1C.902.001 (pg. 1C-28), which must also be ordered separately.

Swinghandle RS717

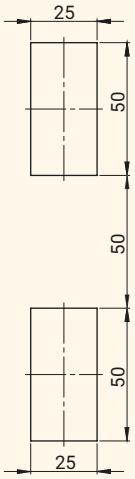
RS717





Option for seal protection





Cut out

TYPE LOCK	VERSION	COMPONENTS	MATERIAL	FINISH [C]	
				RAL 9005	RAL 7035
RS717.N	For the cap 1C.902.001	Housing	PA6 GF30	04	05
RS717.M	For the rod control MZ	Handle, Slide	ZAMAK 5		

How to order:

RS717.M — [C]

Type of lock

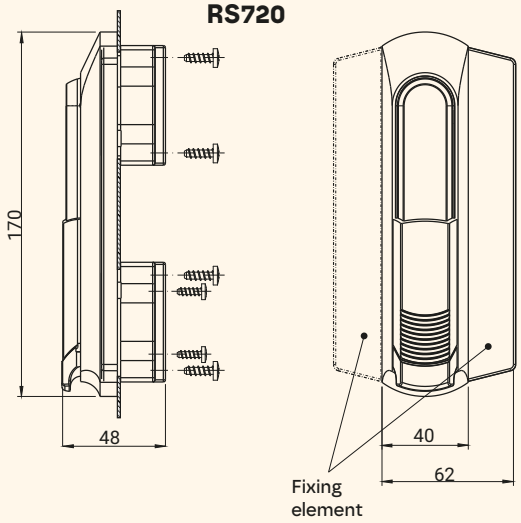
Finish

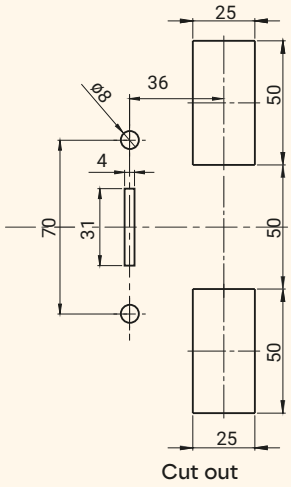
The swinghandle is fitted with a profile that must be ordered separately (pg. 1C-1, 1C-2).
In addition the swinghandle is fitted with a gear mechanism (pg. 1C-31 to 1C-34) or the cover plate 1C.902.001 (pg. 1C-28), which must also be ordered separately.
Option for seal protection.

Swinghandle RS720,
RW400.N, RW410.N, RW400.M, RW410.M



RS720





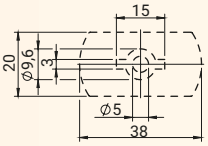
NOTE:
Fixing element can be fixed on left and right side of the lock

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
RS720.001	Body, Handle, Fixing element	Polyamide	07
RS720.002	Body, Fixing element	Polyamide	07
	Handle	ZAMAK	04

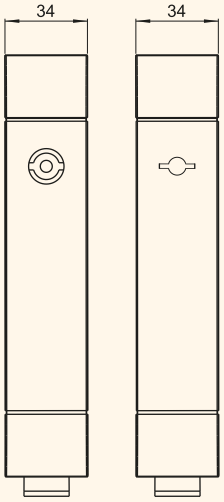




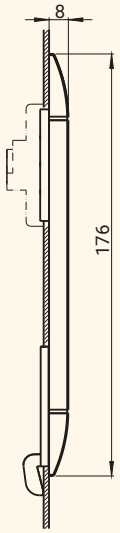
1C.912.001



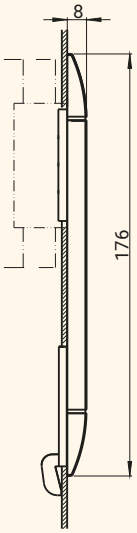
RW400 **RW410**

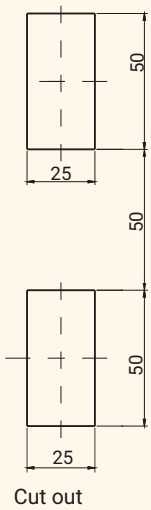


RW400.N
RW410.N



RW400.M
RW410.M





Protective cover compatible with locks: RW100, RW110, RW400

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
RW400.N, RW410.N RW400.M, RW410.M	Body	Polyamide	07
1C.912.001	Protective cover	Polyamide	07

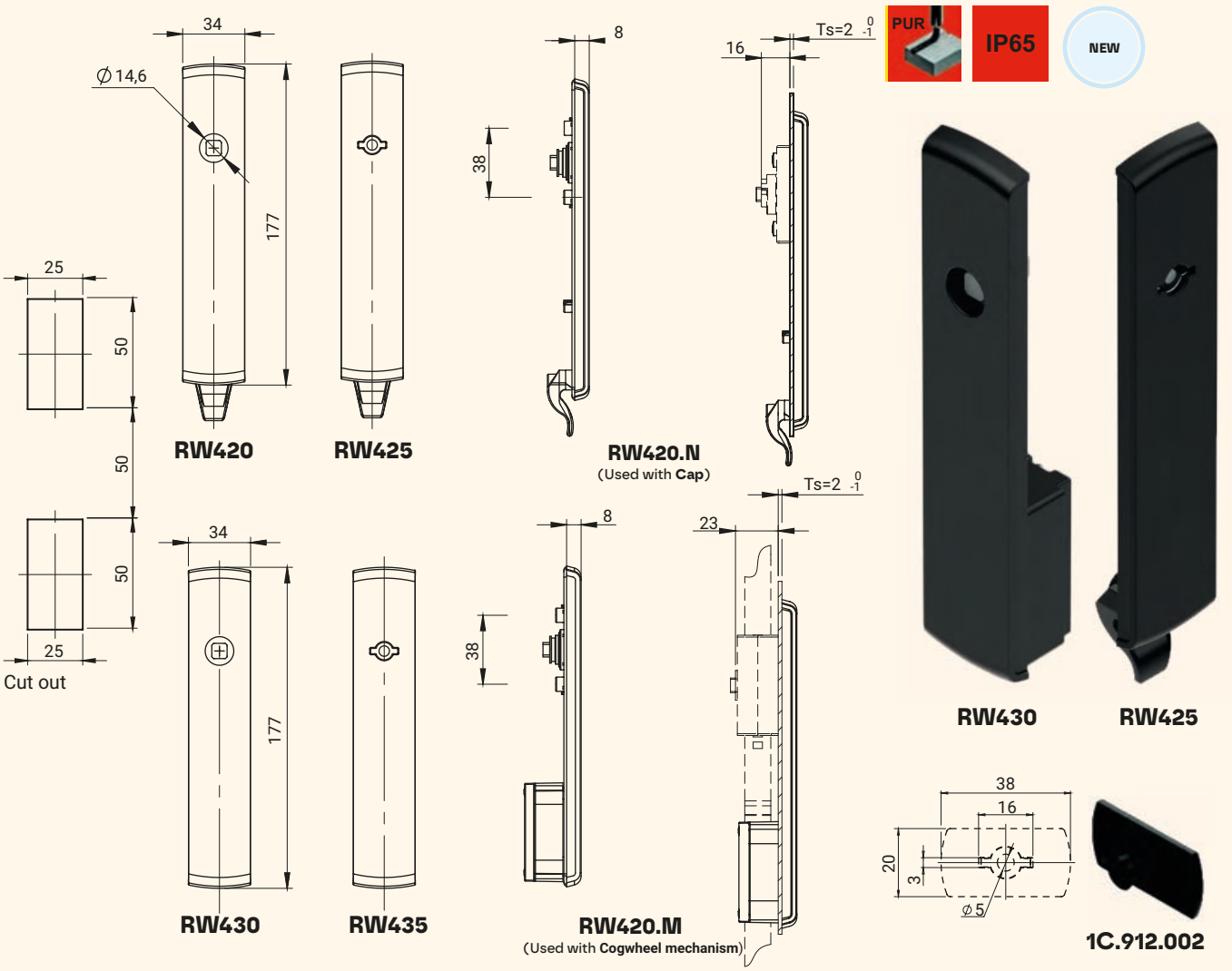
PIN TYPE [X]				PIN FINISH [C]		
RW400		RW410		Chrome	Nickel	RAL9005
						
D3	D5	KW8	T9	01	02	04

How to order:

RW400.N — 07 — T9.01

Type of lock
Finish [C]
Pin type [X]
Pin finish [C]

Lock RW420, RW425, RW430, RW435



PIN TYPE [X]			FINISH
RW420, RW430		RW425, RW435	Nickel
KW8	T9	D5	02

TYPE OF LOCK		COMPONENTS	MATERIAL	FINISH [C]
				RAL 9005
RW420.N **RW420.M** **RW425.N** **RW425.M**	**RW430.N** **RW430.M** **RW435.N** **RW435.M**	Body	Polyamide Pa6 GF30	07
1C.912.002		Protective cover*	Polyamide	07

How to order:

RW420.M.C — T8

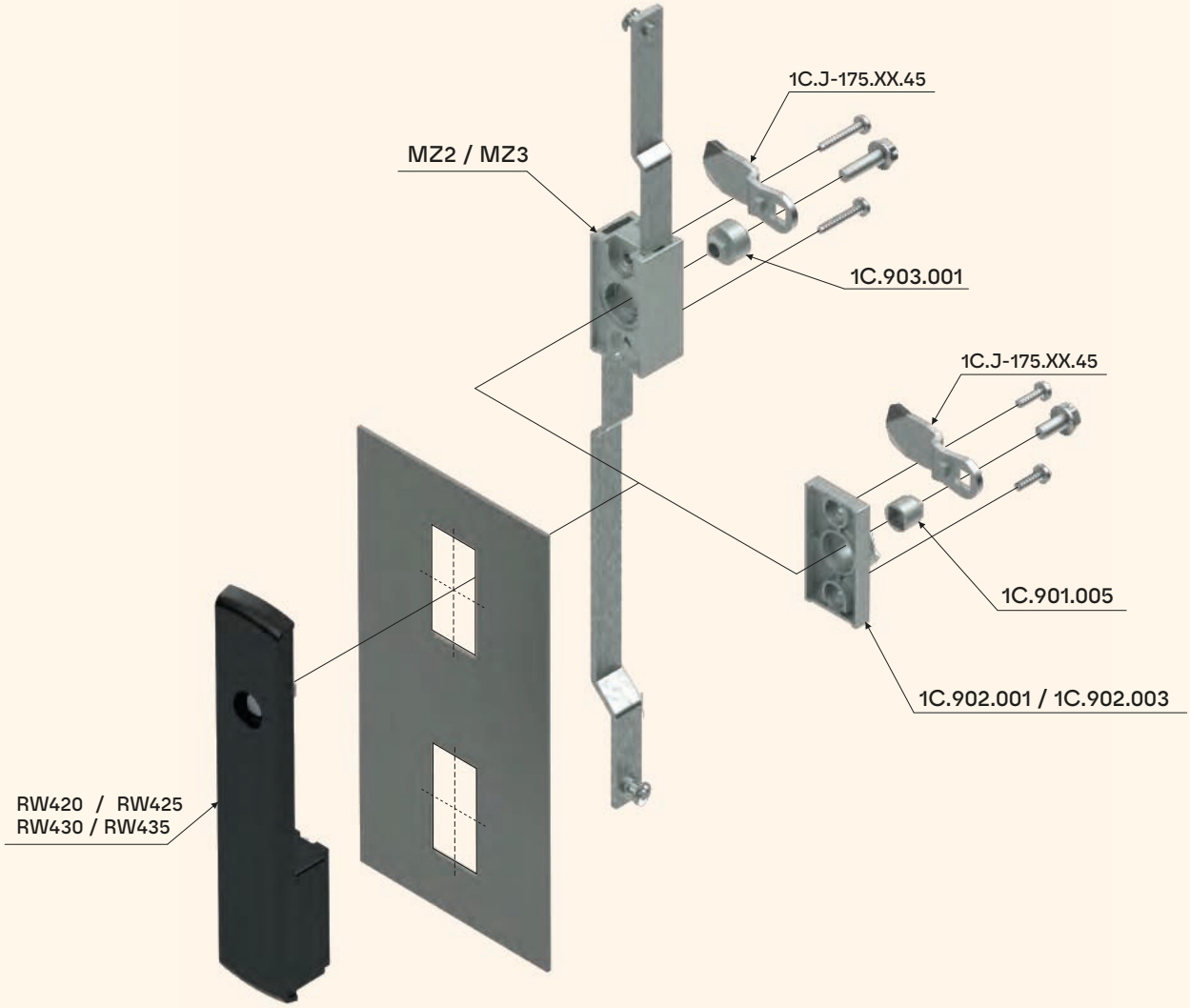
Type of lock
Finish [C]
Type of insert

where:
Ts - door thickness

NOTE:
*Protective cover compatible with locks RW425, RW435.
Elements ordered separately for the cover plate version and the gear mechanism are included in the tables, see page 1B-25.

Accessories for locks
RW420, RW425, RW430, RW435

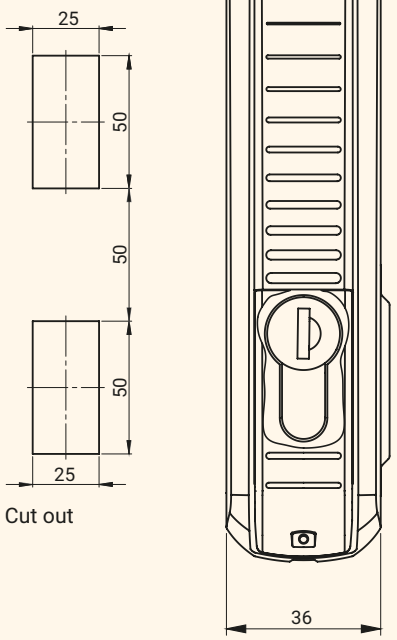
Lock version for overlay or gear mechanism

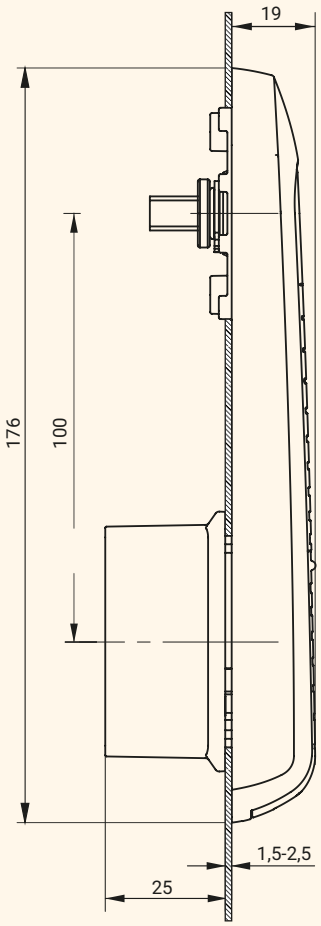


ACCESSORIES ORDERED SEPARATELY UNDER THE COVER		
TYPE OF LOCK	**PRODUCT**	**CATALOGUE NUMBER**
RW420.N RW425.N RW430.N RW435.N	Cap 1C.902.001 / 1C.902.003	1C-27 1C-10
	1-point cam, groups: 11, 13	-
	2-point cam, groups: 21	1C-11 1C-15
	Sleeve	1C-27 1C-4
	Rods	-
	Rod guides	1C-5 1C-6, 7

ACCESSORIES ORDERED SEPARATELY FOR THE RACK MECHANISM		
TYPE OF LOCK	**PRODUCT**	**CATALOGUE NUMBER**
RW420.M RW425.M RW430.M RW435.M	Cogwheel mechanism MZ1	1C-30 - 1C-33
	1-point cam, groups: 11, 13	1C-10 - 1C-11
	Adapter	1C-27 1C-34 -
	Flat bar	1C-40 1C-6-8,
	Flat bar guides and supports	1C-34 - 1C-40

Swinghandle RS761







TYPE OF LOCK		
	RS761.N	Version for a cap
	RS761.M	Version for a cogwheel mechanism

COMPONENTS	MATERIAL	FINISH [C]	
		RAL9005	RAL7035
Housing Handle	Polyamide PA6 GF30	07	08
Sliding dust cover			

How to order:

RS761.N — [C]

Type of lock

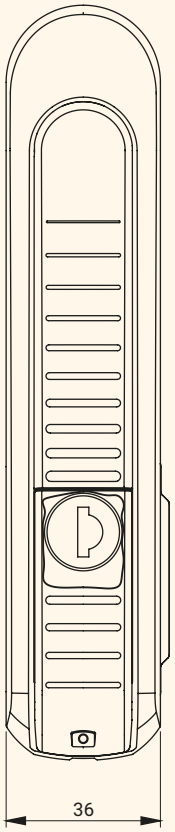
Finish

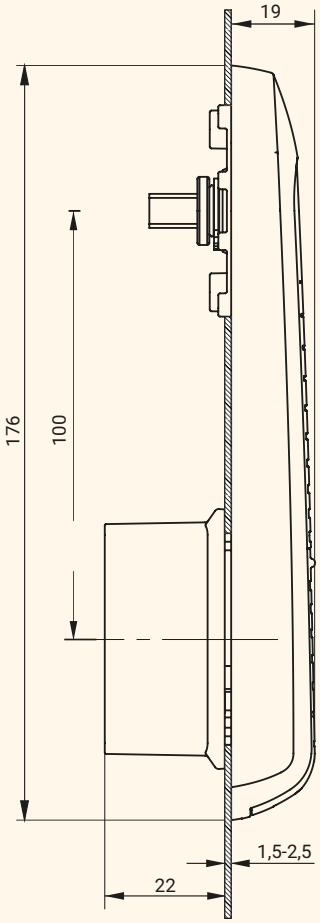
All components that must be ordered separately for the version with a cap and gear mechanism are listed in the tables on pg. 1B-28.
Patented insert to order separately, check pg 1C-1 to 1C-2.

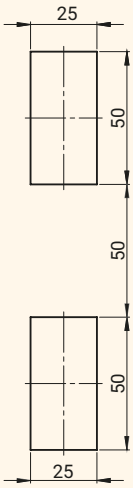
Swinghandle RS762











TYPE OF LOCK		
	RS762.N	Version for a cap
	RS762.M	Version for a cogwheel mechanism

COMPONENTS	MATERIAL	FINISH [C]		CYLINDER PROFILE					
		RAL9005	RAL7035	KEY CODE					
Housing Handle Sliding dust cover	Polyamide PA6 GF30	07	08	1333	405E	455E	1242E	2432E	Different code RK

How to order:

RS762.N — 1333 — [C]

Type of lock

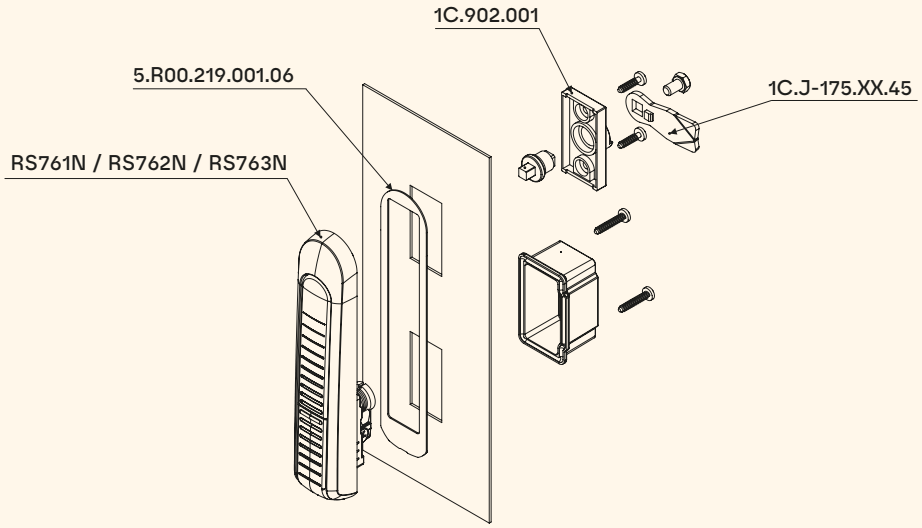
Key code

Finish

All components that must be ordered separately for the version with a cap and gear mechanism are listed in the tables on pg. 1B-28.

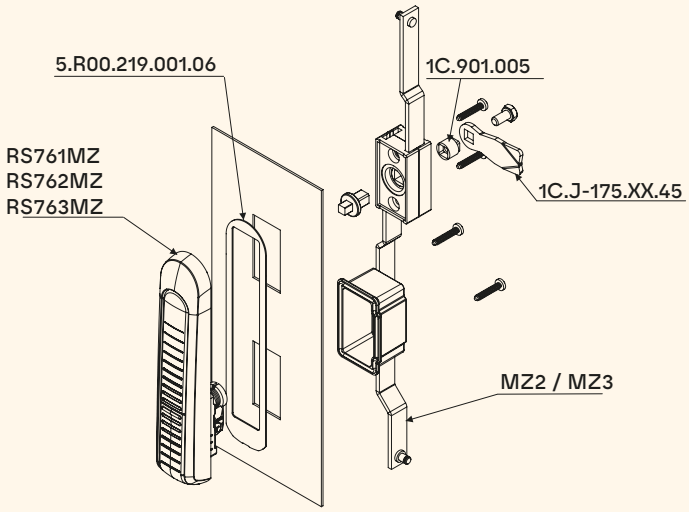
Swinghandle RS761, RS762, RS763

Swinghandle version for a cap



COMPONENTS ORDERED SEPARATELY		
TYPE OF LOCK	**DETAIL**	**PAGE**
RS761.N **RS762.N** **RS763.N**	Cap 1C.902.001 / 1C.902.003 1-point cam,	1C-27
	group: 11, 13	1C-10, 1C-11
	2-point cam, group: 21	1C-15
	3-point cam, group: 31, 33	1C-17, 1C-18
	Rods	1C-4, 1C-5
	Rod guide	1C-6, 7
	Gasket IP65 5.R.00.219.001.06	-

Locks for the gear mechanizm



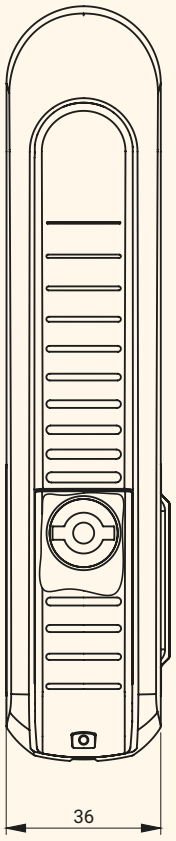
COMPONENTS ORDERED SEPARATELY		
TYPE OF LOCK	**DETAIL**	**PAGE**
RS761.M **RS762.M** **RS763.M**	Cogwheel mechanism MZ2 /	1C-30 - 1C-33
	MZ3 1-point cam, group: 11, 13	1C-10, 1C-11
	Bushing 1C.901.005	1C-27 1
	Flat rod	C-34 - 1C-40
	Flat rod guide and brackets	1C-6-8, 1C-34 - 1C-40
	Gasket IP65 5.R.00.219.001.06	-

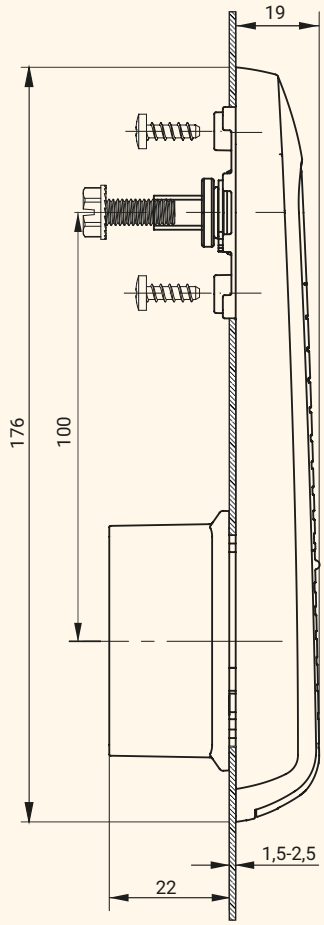
The standard lock has protection class IP54. When using an additional seal with the number 5.R00.219.001.06 (to be ordered separately), the lock has protection class IP65.

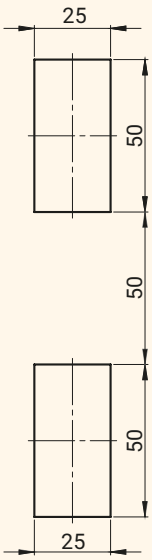
Swinghandle RS763











Cut out

TYPE OF LOCK		
	RS763.N	Version for a cap
	RS763.M	Version for a cogwheel mechanism

COMPONENTS	MATERIAL	FINISH [C]		SHAPED PROFILE
		RAL9005	RAL7035	INSERTS
Housing Handle	Polyamide PA6 GF30	07	08	
				D3 D5 T8 T9 KW8 S N
Sliding dust cover				

How to order:

RS763.M — D5 — [C]

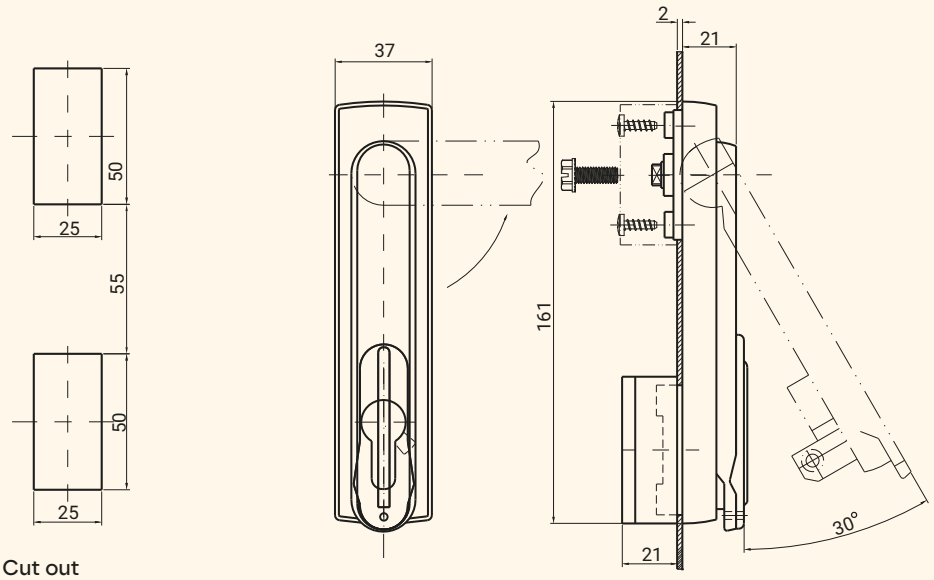
Type of lock

Insert

Finish

All components that must be ordered separately for the version with a cap and gear mechanism are listed in the tables on pg. 1B-28.

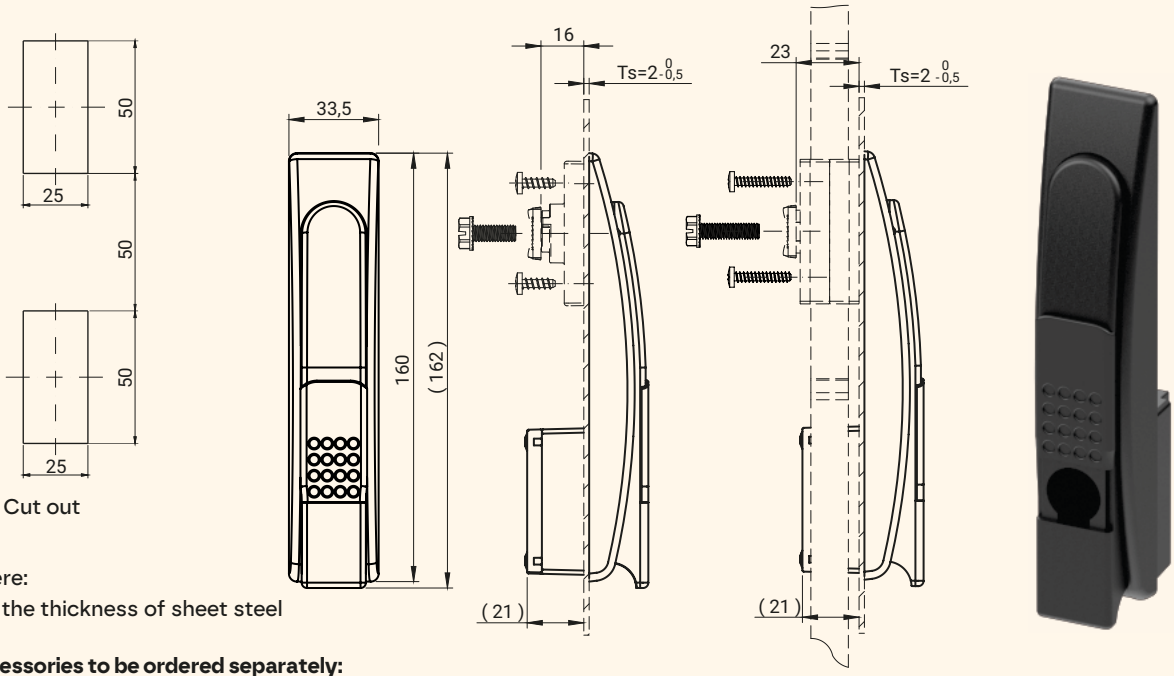
Swinghandle RS300, RS750



Cut out



TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
RS300.N **RS300.M**	Body, Handle,	Polyamide PA6 GF30	07	08



Cut out

where:
Ts - the thickness of sheet steel

For a cap [N] **For a cogwheel mechanism [M]**

Accessories to be ordered separately:
- insert (shaped, patented) pg. :1C-1, 1C-2

Components [N]for a cap
- Cap pg. :1C-27
- Sleeve pg. :1C-27
- Cam 1-point, 2-point, 3-point (groups: 11, 13, 21, 31, 33) pg. : 1C-10 do 1C-18
- Rods pg. : 1C-4, 1C-5
- Rod guides pg. :1C-6, 1C-7

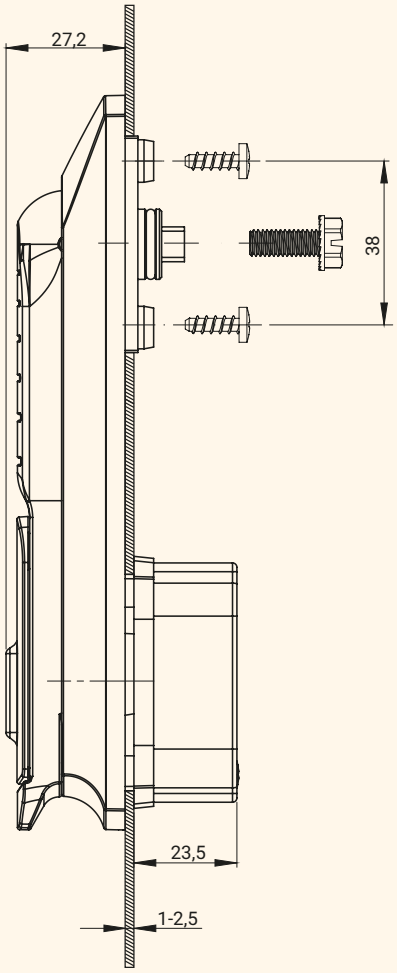
Components for a cogwheel mechanism [M]
- Cogwheel mechanism MZ2 / MZ3 pg. :1 C-30 to 1C-33
- Cam 1-point. (groups 11, 13) pg. : 1C-10, 1C-11
- Adapter pg. : 1C-27 - Flat bar pg. : 1C-34 to 1C-40
- Flat bar guides and supports pg. :1C-6, 8, 1C-11 to 1C-40

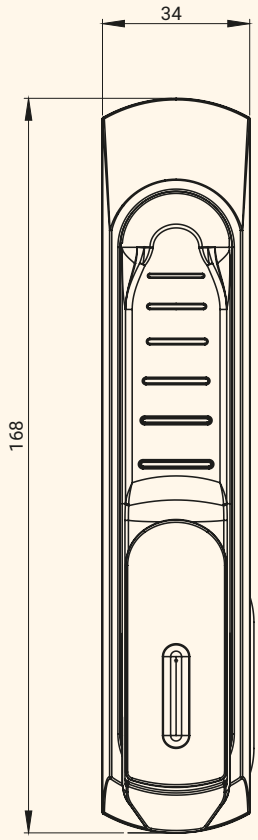
TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
RS750.N RS750.M	Body, Handle,	Polyamide PA6 GF30	07	08

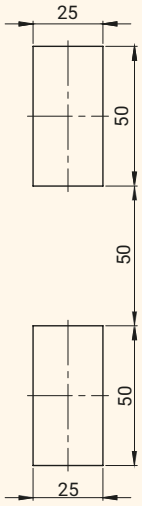
How to order:
RS750.M — [C]
Type of lock
Finish

Swinghandle RS790









Cut out

Swinghandle for Scandinavian cylinder.

Cylinder not included.

TYPE OF LOCK	VERSION	COMPONENTS	MATERIAL	FINISH [C]
				RAL 9005
RS790.N	For a cap	Housing, Handle, Sliding dust cover	Polyamide	07
RS790.M	For a cogwheel mechanism	Housing, Handle, Sliding dust cover	Polyamide	07

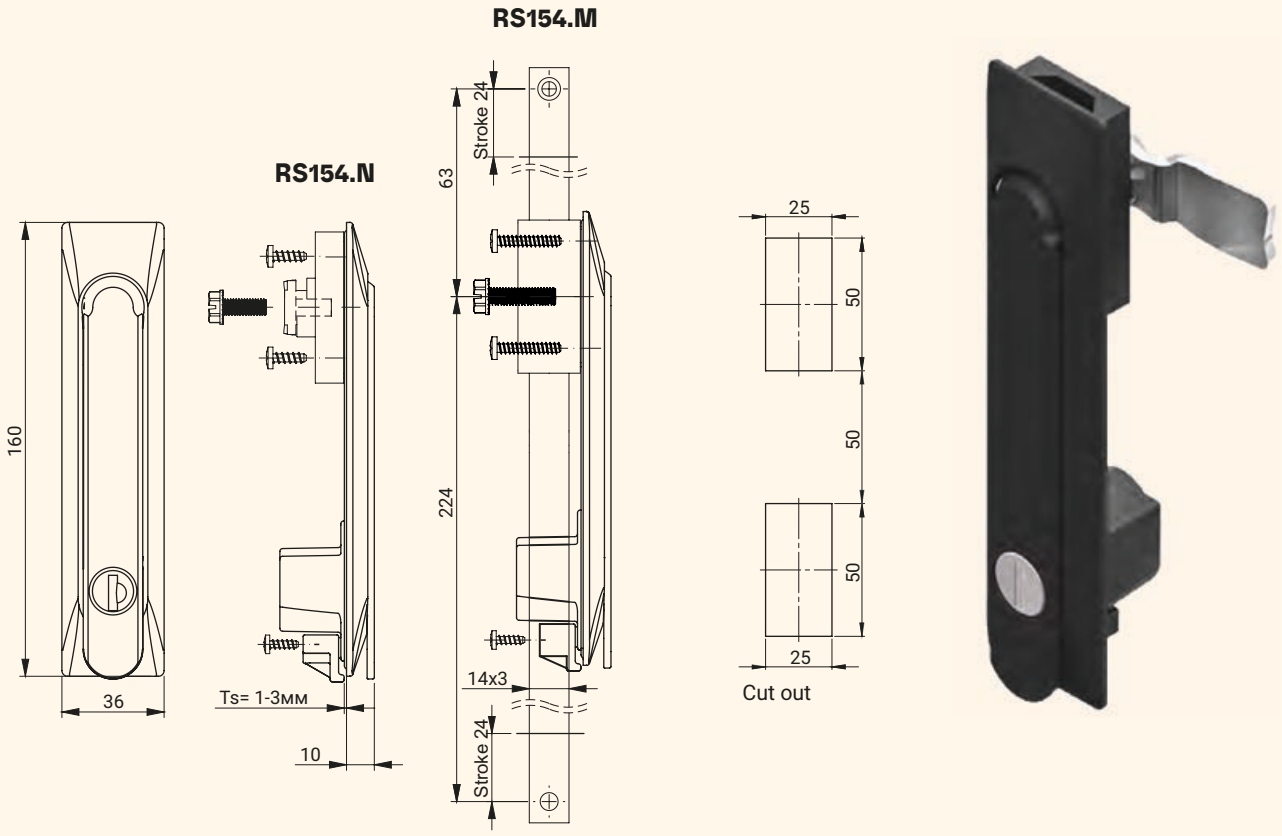
How to order: RS790.M — [C]

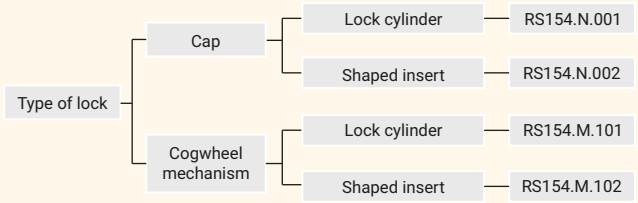
Type of lock

Finish

All components that must be ordered separately for the version with a cap and gear mechanism are listed on pg. 1B-25.

Swinghandle RS154





COMPONENTS	MATERIAL	FINISH [C]		LOCK CYLINDER		SHAPE INSERT	
		RAL 9005	RAL 7035	KEY CODE		INSERT	
Body	PA6 GF30	07	08	Different code RK	1333		
Handle		07	08				
Cap		07	-				
Adapter	ZAMAK	-	-			T9	KW8
Cogwheel mechanism	PA6 GF30	07	-				
Tie-rod MZ	Steel*	Zinc plated					

How to order:

RS154.M.101 — 1333 — [C] — [C]

Type of lock
Type of insert
Body finish
Handle finish

Lock comes as a set in version for cogwheel mechanism or a cap.
All necessary components are attached.
Additional components ordered seperately, check page:

- 1 point cam (group: 11, 13)..... pg: 1C-10, 1C-11
- 2 point cam JA-20018 ver. 3 (group: 21)..... pg: 1C-15
- 3 point cam (group: 38) ..... pg: 1C-22
- Rods..... pg: 1C-4-5
- Flat rod..... pg: 1C-34 to 1C-40

Notes: Ts- mounting sheet thickness
*stainless steel tie-rod available

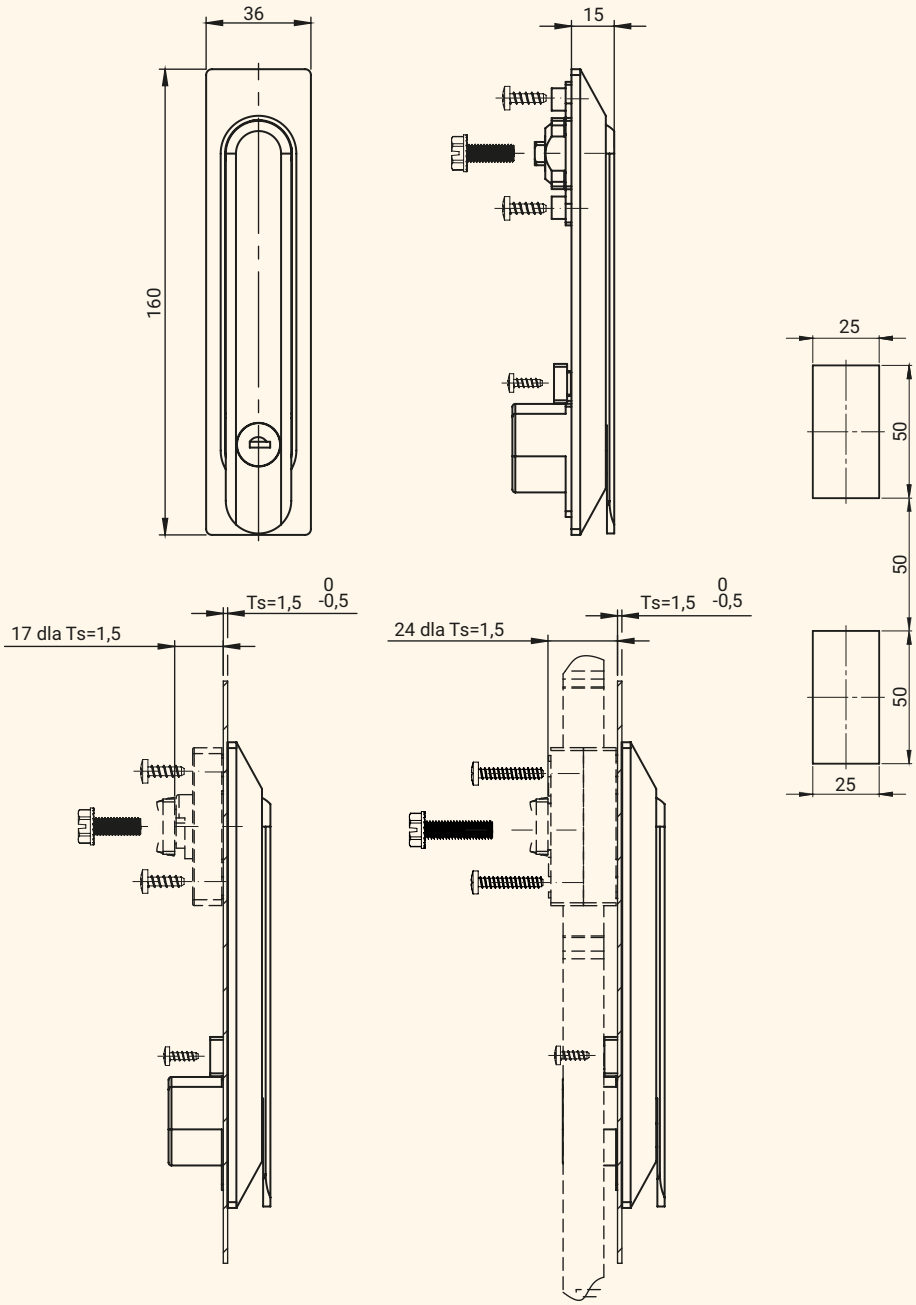
Lock RS150SN

NEW

stainless steel

IP65





RS150SN.N
(Used with Cap)

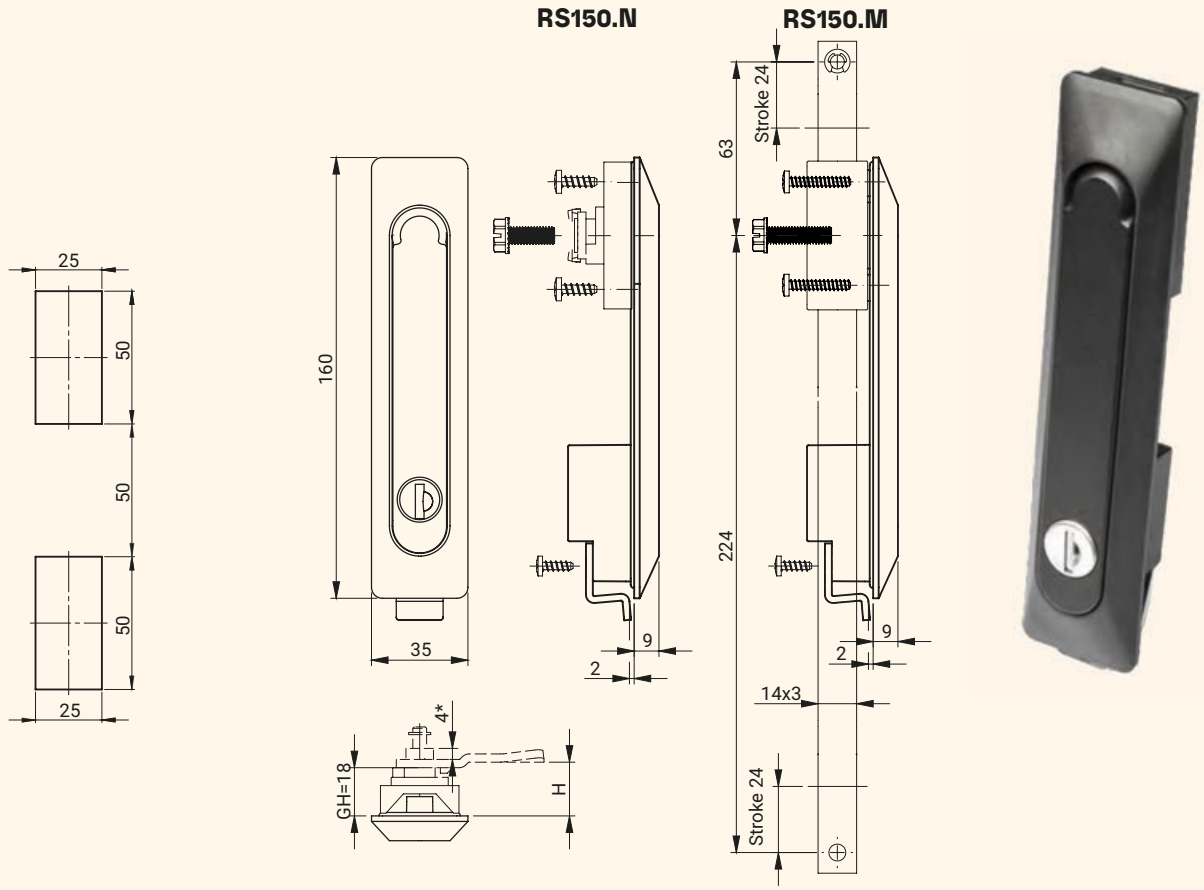
RS150SN.M.
(Used with Cogwheel mechanism)

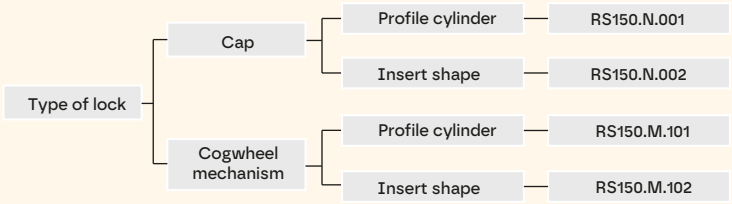
TYPE OF LOCK	COMPONENTS	MATERIAL	LOCK CYLINDER	
			KEY CODE	
RS150SN.N **RS150SN.M**	Housing, handle	Stainless Steel (ASI 316)	Different code RK	1333

How to order:
Type of lock
Key code

RS150.001SN.M — 1333

Swinghandle RS150





COMPONENTS	MATERIAL	FINISH			PROFILE CYLINDER		INSERT SHAPE	
		CHROM	RAL 9005	RAL 7035	KEY CODE		INSERT	
Body	PA6 GF30	-	07	08	Different code RK	1333		
Handle	ZAMAK 5	01	04	05				
Cap	PA6 GF30	-	07	-				
Cam adapter	ZAMAK 5	-	-	-			T9	KW8
Cogwheel mechanism	PA6 GF30	-	07	-				
Tie-rod MZ	Steel	Zink plated						

How to order:

RS150.M.101 — 1333 — [C] — [C]

Type of lock
Type of insert
Finish handle
Finish body

Lock comes in a set in version for cohwheel mechanism and for a cap.
All components for assable are attached in a set.
Additional components ordered seperately, check page:

- 1 point cam (group: 11, 13)..... pg: 1C-10, 1C-11
- 2 point cam JA-20018 ver. 3 (group: 21)..... pg: 1C-15
- 3 point cam (group: 38)..... pg: 1C-22 pg: 1C-4-5
- Rods..... pg: 1C-34 to 1C-40
- Flat rods.....

Tie-rods of cogwheel mechanism available in stainless steel

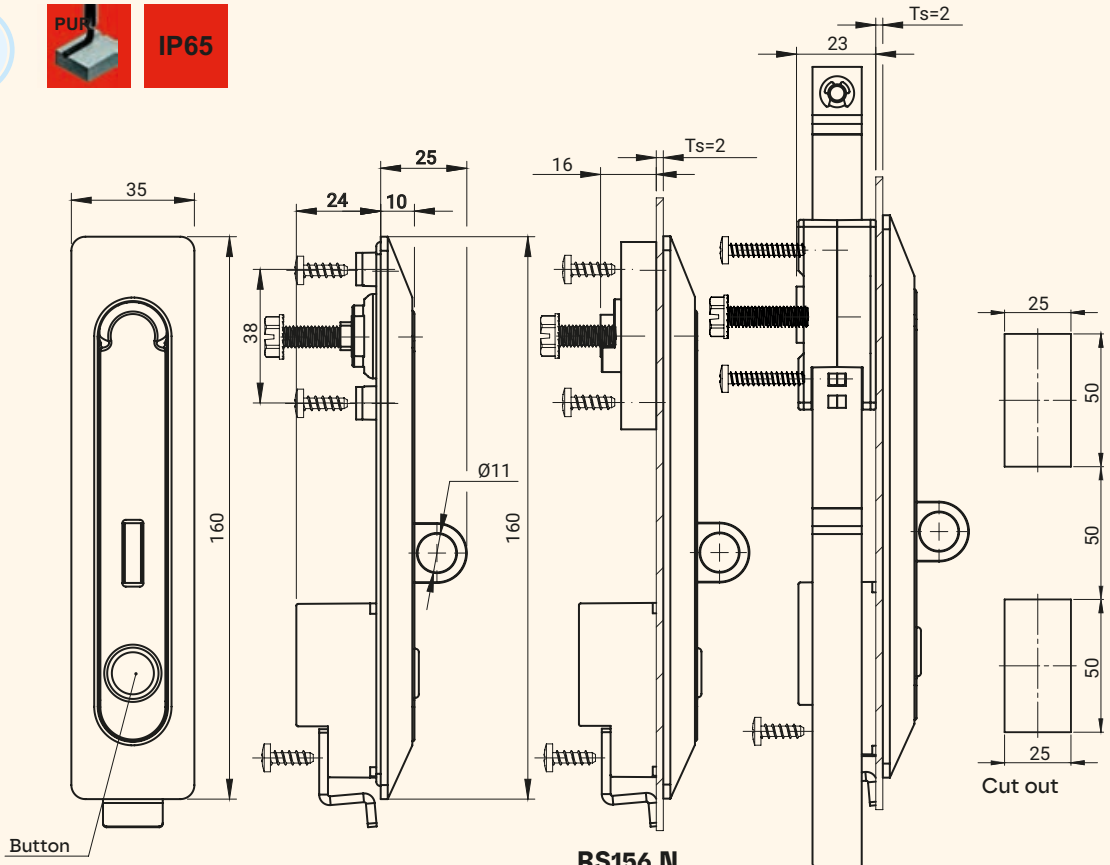
Lock RS156

NEW

PUR

IP65





RS156.N
(Used with Cap)

RS156.M
(Used with Cogwheel mechanism)

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]		
			Chrome	RAL 9005	RAL 7035
RS156.N **RS156.M**	Housing	PA6 GF30	-	07	08
	Handle	ZAMAK 5	01	04	05
	Cap Adapter	PA6 GF30	-	07	-
	Cogwheel	ZAMAK 5	-	-	-
	mechanism	PA6 GF30	-	07	-
	Tie-rod MZ	Steel zinc plated	Zinc plated		
	Insert button	PA6	-	07	08

How to order:

RS156.M — 07 — 04 — 07

Type of lock
Body finish [C]
Handle finish [C]
Finishing of the insert button [C]

where:

Ts - the thickness of sheet steel

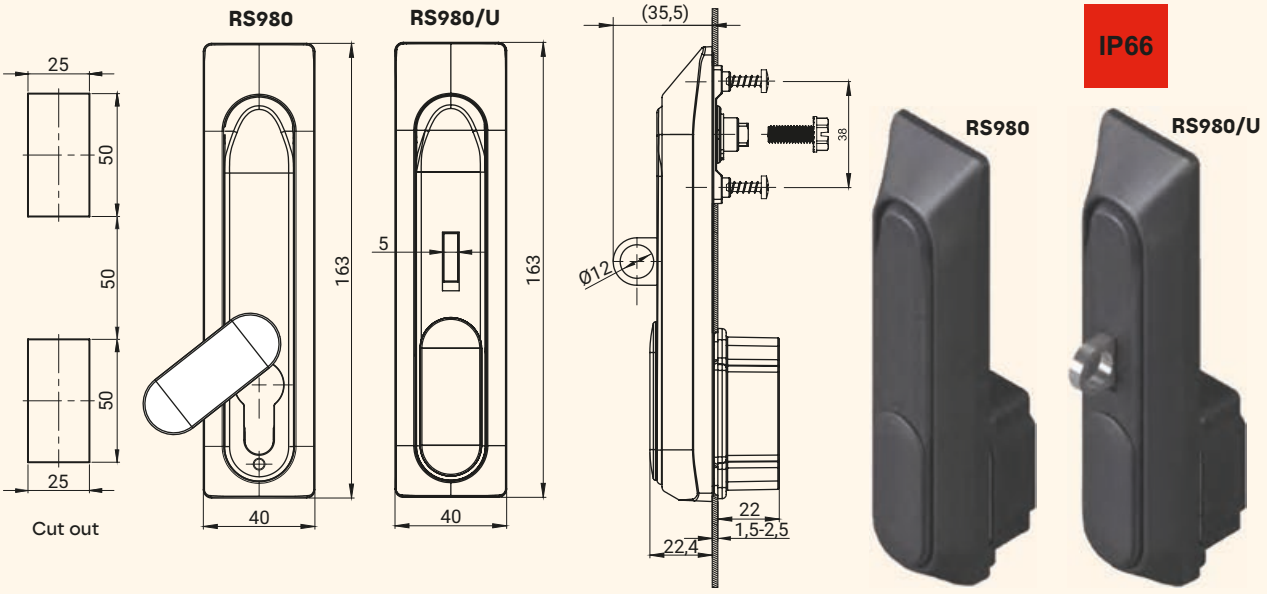
The lock is supplied as a set in versions under the cap or cogwheel mechanism.
The kit contains all the necessary components needed to install the lock.

Accessories to be ordered separately:

- 1 point cam (grupy: 11, 13) ..... pg: 1C-10, 1C-11
- 2 point cam JA-20018 ver. 3 (grupa: 21) ..... pg: 1C-15
- 3 point cam (group: 38) ..... pg: 1C-22
- Rods ..... pg: 1C-4-5
- Flat rods ..... pg: 1C-34 to 1C-40

* Stainless steel tie-rod available

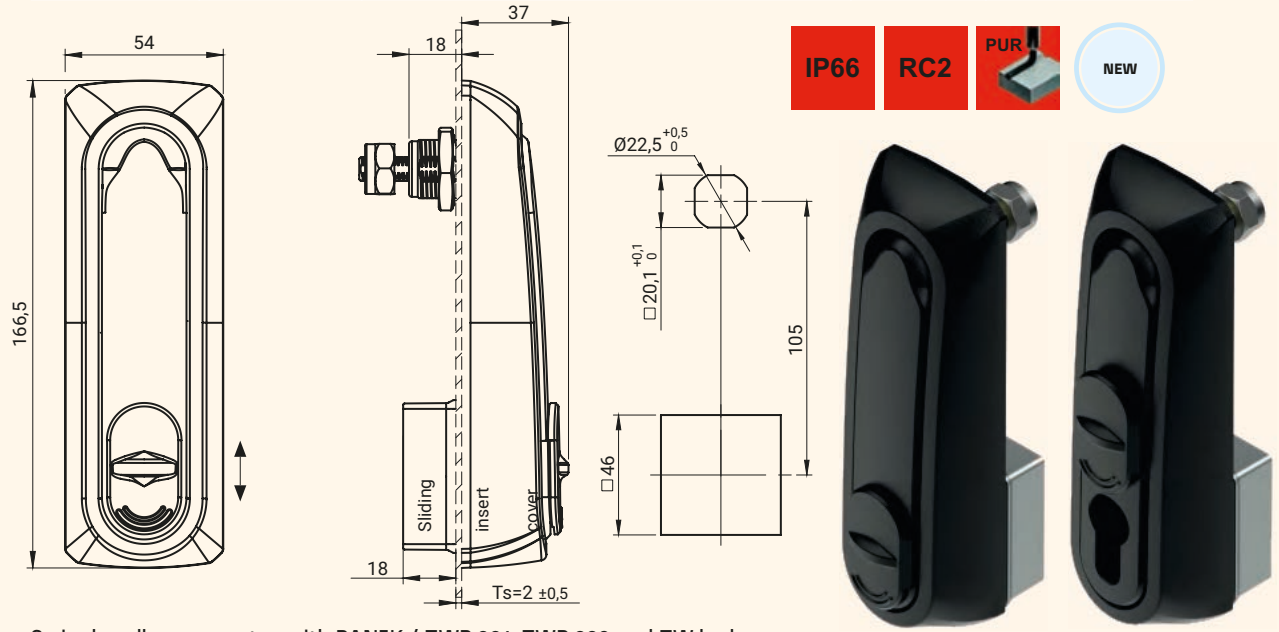
Swinghandle RS980, RS983



- Swinghandle in accordance with **RC2 ENV 1630 standard**
- The lock has the **security level** in accordance with **DIN EN 50102**
- The handle and housing **resistant to strain.**
- Lock has a protection class **IP 66**
- Lock from material ZAMAK 5
- Patented insert to order separately, check pg. 1C-1, 1C-2

All components that must be ordered separately for the version with a cap and gear mechanism are listed on pg. 1B-25.

TYPE OF LOCK	VERSION	COMPONENTS	MATERIAL	FINISH [C]
				RAL 9005
RS980.N	For a cap	Housing, Handle, Sliding dust cover	ZAMAK 5	04
RS980/U.N		Housing, Handle, Sliding dust cover, Padlock device		
RS980.M	For a cogwheel mechanism	Housing, Handle, Sliding dust cover	ZAMAK 5	04
RS980/U.M		Housing, Handle, Sliding dust cover, Padlock device		



Swinghandle cooperates with PANIK / ZWP.001, ZWP.002 and ZW locks

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
RS983	Housing, Handle	ZAMAK 5	04	05

How to order:

RS983 — [C]

Type of lock

Finish

where:

Ts - door thickness

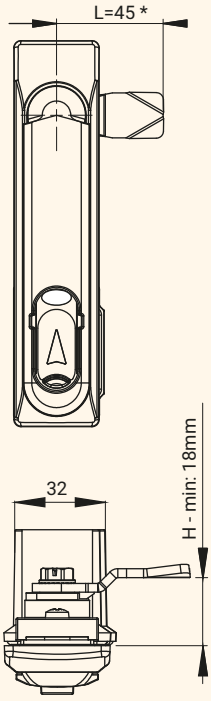
Lock compatible with tongues of group: 15, 16, 19, 21, 35, 36, JK1-10018-G-M, JK2-10018-G-M (pg. 1C-12 to 1C-21)

The lock works with the cylinders: WRS-B.001 (pg. 1C-1)

Swinghandle anti-theft RS950

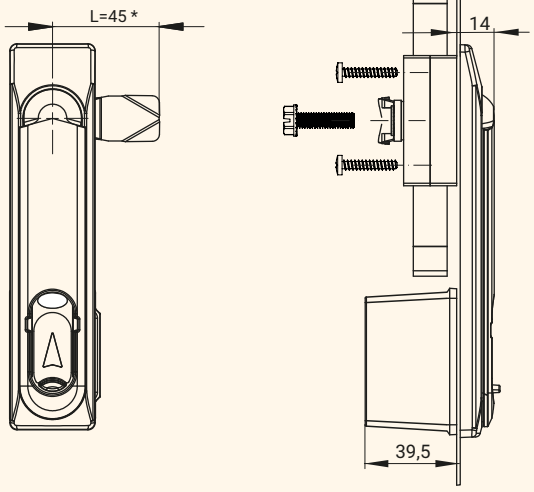


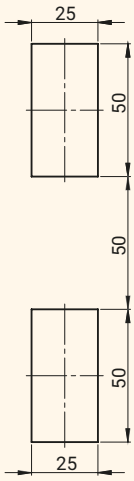
Version **N**





Version **M**





Type of lock RS950		
	Cap	RS950.N
	Rod control	RS950.M

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL9005
RS950.N	Body, Handle	ZAMAK5	04
RS950.M	Body, Handle	ZAMAK5	04

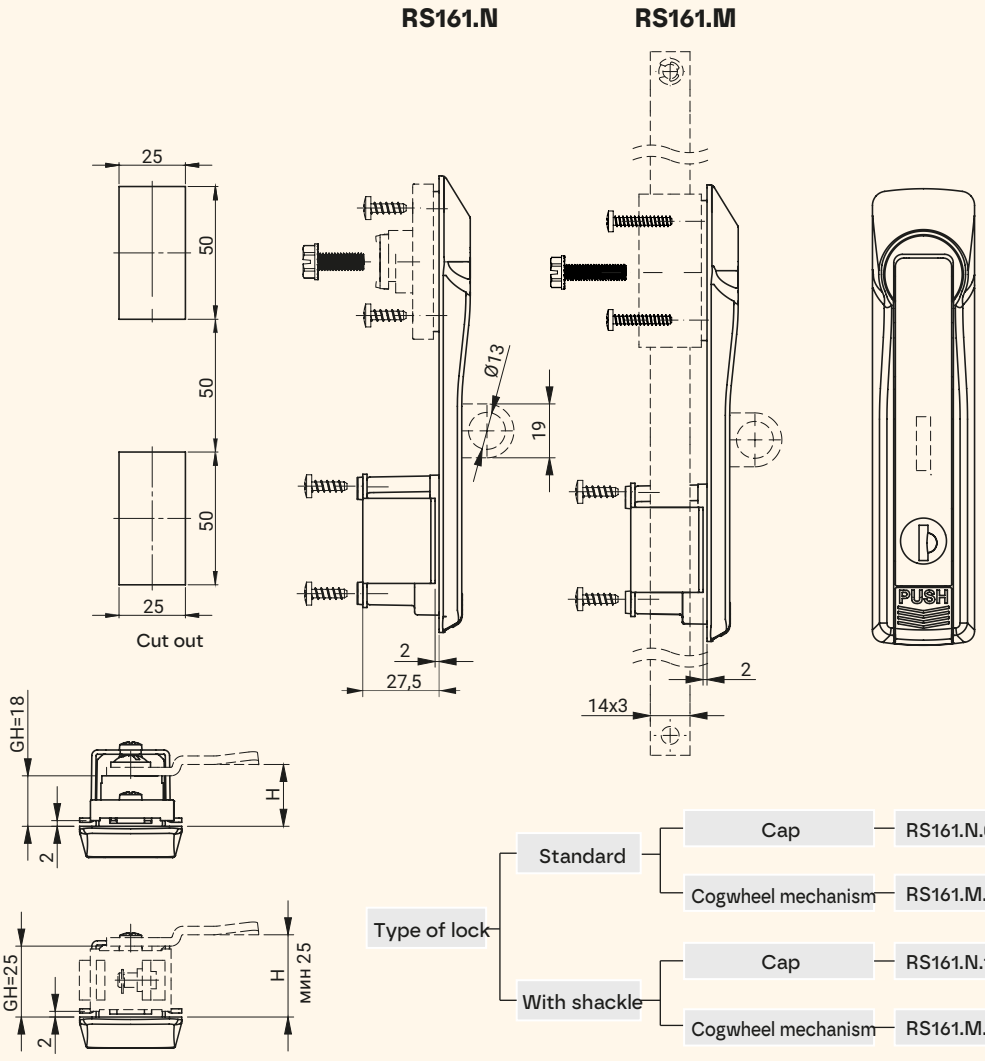
How to order:

RS950.N — [C]

Type of lock

Finish

Swinghandle RS161





Standard version



Version with shackle

Type of lock			
Standard	Cap	RS161.N.001
	Cogwheel mechanism	RS161.M.002
With shackle	Cap	RS161.N.101
	Cogwheel mechanism	RS161.M.102

COMPONENTS	MATERIAL	FINISH [C]			LOCK CYLINDER	
		Chrome		Satin chrome	KEY CODE	
Body	ZAMAK 5	01	04	09	Different code RK	1333
Handle		01	04	09		
Clamp*	Steel	Galvanized				

How to order:

RS161.M.101 — RK — [C] — [C]

- Type of lock
- Type of insert Housing
- finish
- Handle finish

Additional components ordered seperately check page:

- Cap 1C.902.001.....pg: 1C-27,
- Cogwheel mechanism MZ2, MZ3.....pg: 1C-30 to 1C-33,
- Cam adapter 1C.903.001.....pg: 1C-27,
- 1 point cam (group: 11, 13).....pg: 1C-10, 1C-11,
- Rods.....pg: 1C-4, 1C-5
- Flat rods.....pg: 1C-34 to 1C-40

Notes:

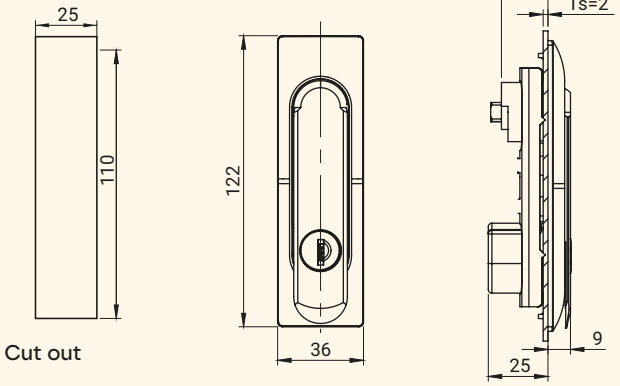
Lock RS161MZ is compatible with coghweel mechanism MZ2 and MZ3. While using 1 point cam with coghweel mechanism ordering can adapter (1C.903.001) (pg 1C-27) and screw M6X23 is a necessity.

* Stainless steel available.

Swinghandle RS174, RS175

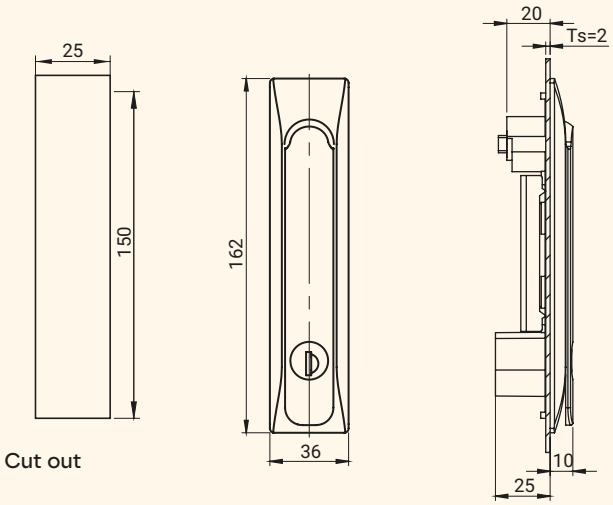


RS174.001



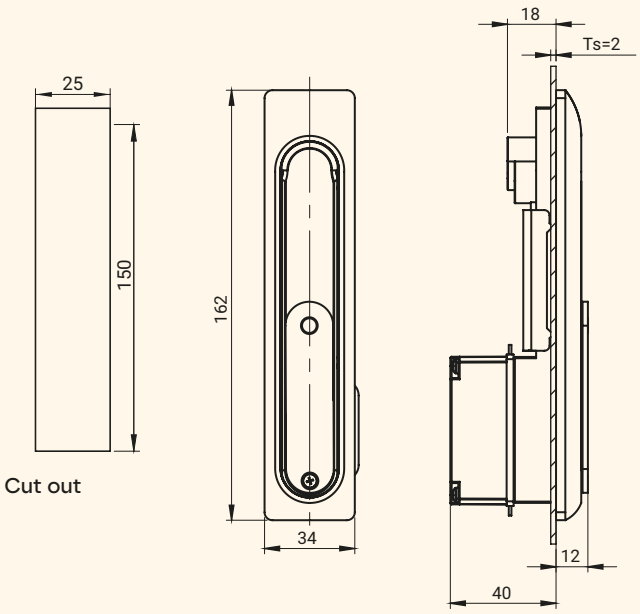


RS174.002





RS175.001



TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
RS174.001 **RS174.002** **RS175.001**	Body, Handle	ZAMAK5	04

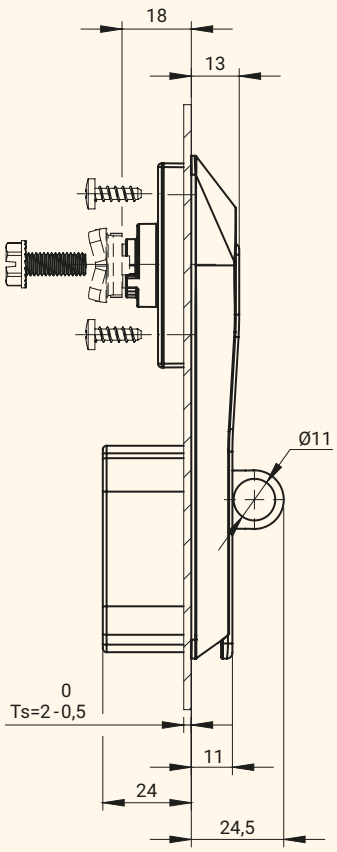
How to order:

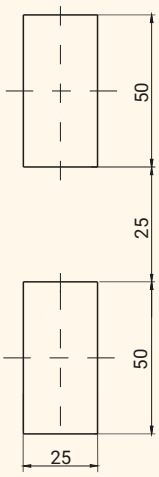
RS174.002 — [C]

Type of lock

Finish

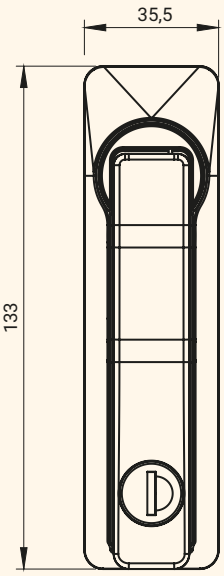
Swinghandle RS168, RS168B

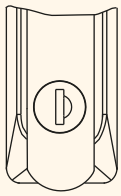




Cut out

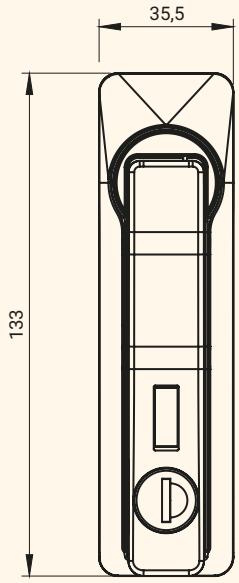
RS168

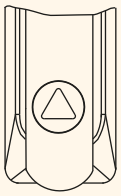




Version A

RS168B





Version B





TYPE OF LOCK	COMPONENTS	MATERIAL	VERSION		FINISH [C]
					RAL 9005
RS168 **RS168B**	Body, Handle	ZAMAK 5	A	B	04

How to order:

RS168 — A — [C]

Type of lock
Lock version
Finish

Lock supplied as a complete set in the version for the overlay.
Additional parts to be ordered separately:
- 2-point cam with high-post push plates JA-20018 (group: 21) ..... pg.: 1C-15
- 3-point cam with retainer plate with high post (group: 38) ..... pg.: 1C-22
- Rods ..... pg.: 1C-4 to 1C-7

where:
Ts - mounting plate thickness

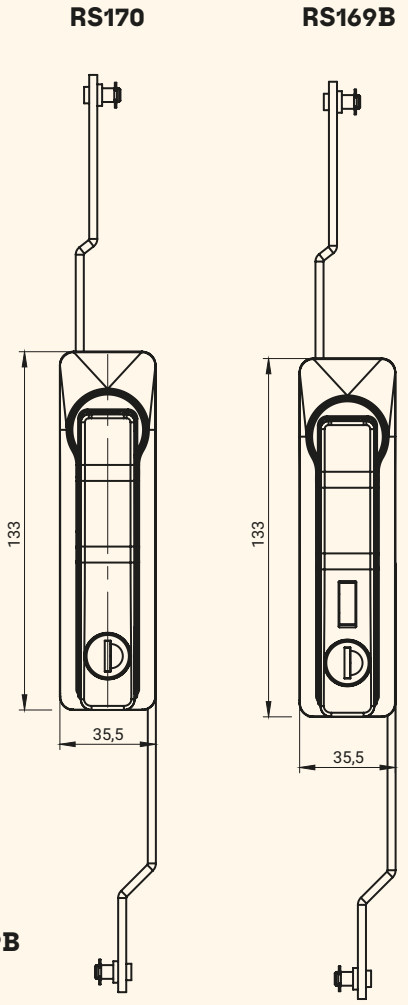
Swinghandle RS169B, RS170

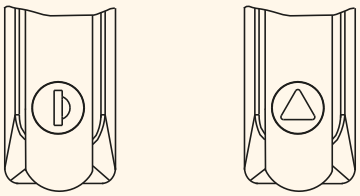


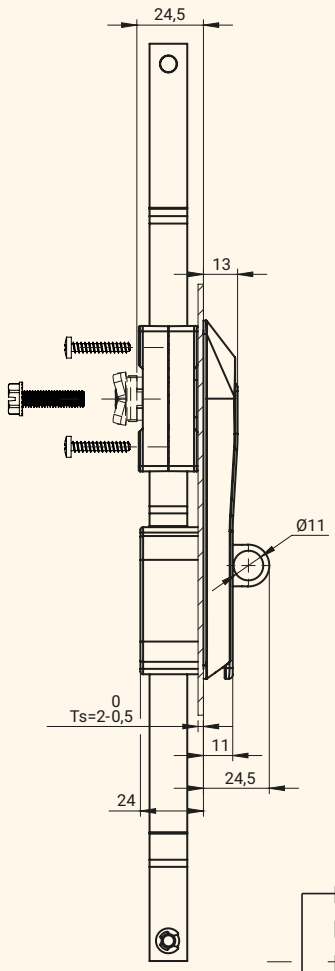
RS170

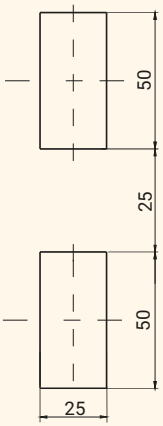


RS169B









Cut out

TYPE OF LOCK	COMPONENTS	MATERIAL	VERSION		FINISH [C]
					RAL 9005
RS169B **RS170**	Body, Handle	ZAMAK 5	A	B	04

How to order:

RS169B — A —

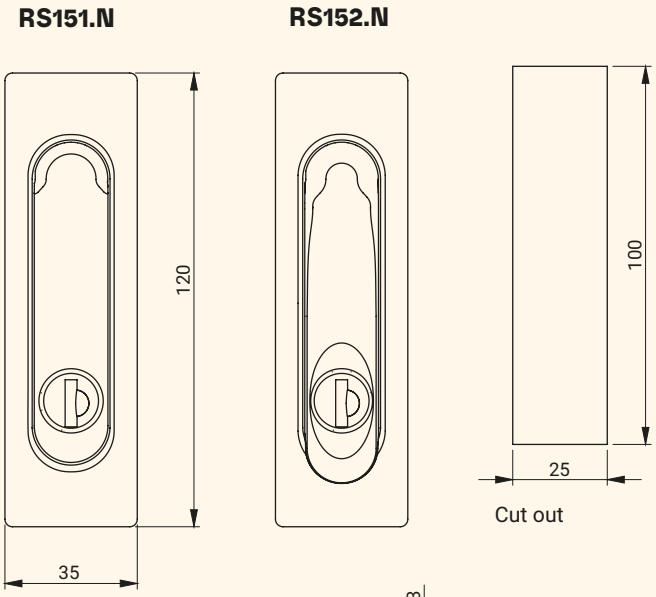
Type of lock
Lock version
Finish

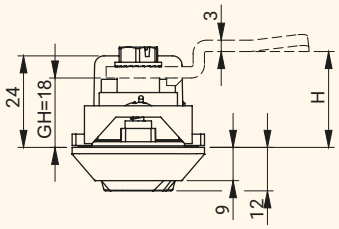
Handle supplied as a complete set under gear mechanism.
Further components to be ordered separately:

- Cam 1 point (groups: 11,13) ..... pg.: 1C-10, 1C-11
- Flat bars ..... pg.: 1C-34 to 1C-40

where:
Ts - mounting plate thickness

Swinghandle RS151.N, RS152.N



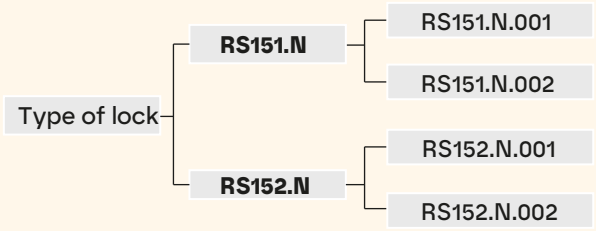




RS151.N.001 RS151N.002



RS152.N.001 RS152.N.002



COMPONENTS	MATERIAL	FINISH [C]			LOCK CYLINDER		SHAPED INSERT	
		CHROME	RAL 9005	RAL 7035				
Body	PA6	-	07	08	KEY CODE		INSERT	
Handle RS151	GF30	-	07	08	Different code RK	1333		
Handle RS152	ZAMAK5	01	04	05			T9	KW8
Cam adapter 1C.903.003	ZAMAK5	-	-	-				
Cap 1C.902.005	PA6 GF30	-	07	-				
Mounting components	Steel zinc plated							

How to order:

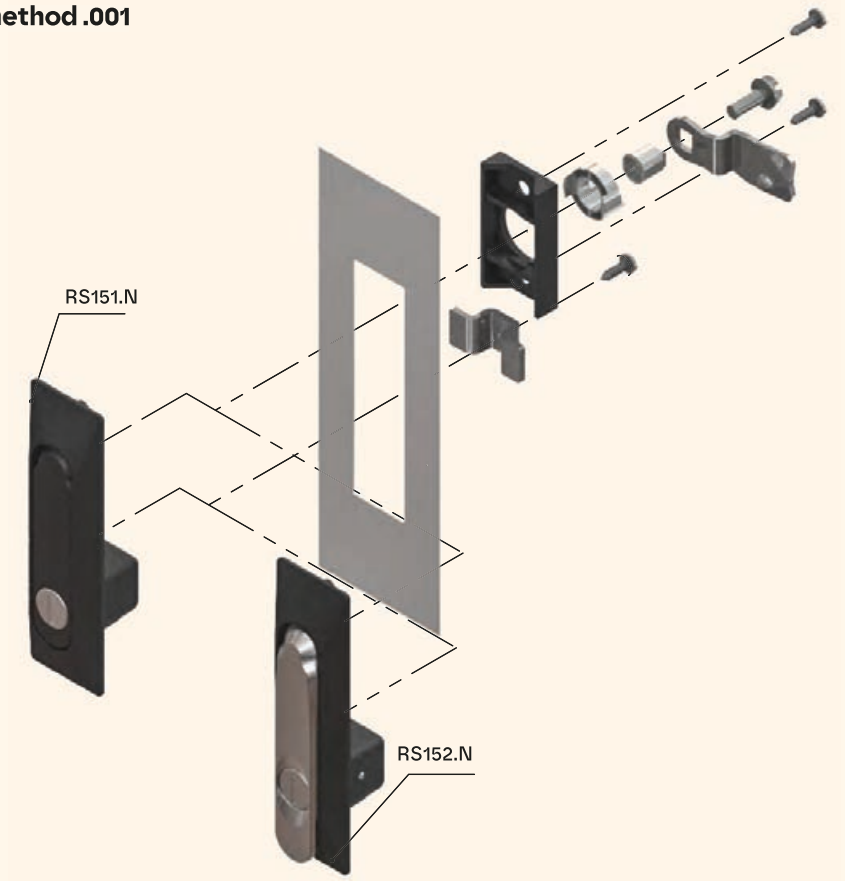
RS152.N.001 — 1333 — [C] — [C]

Type of lock
Type of insert
Finish body
Finish handle

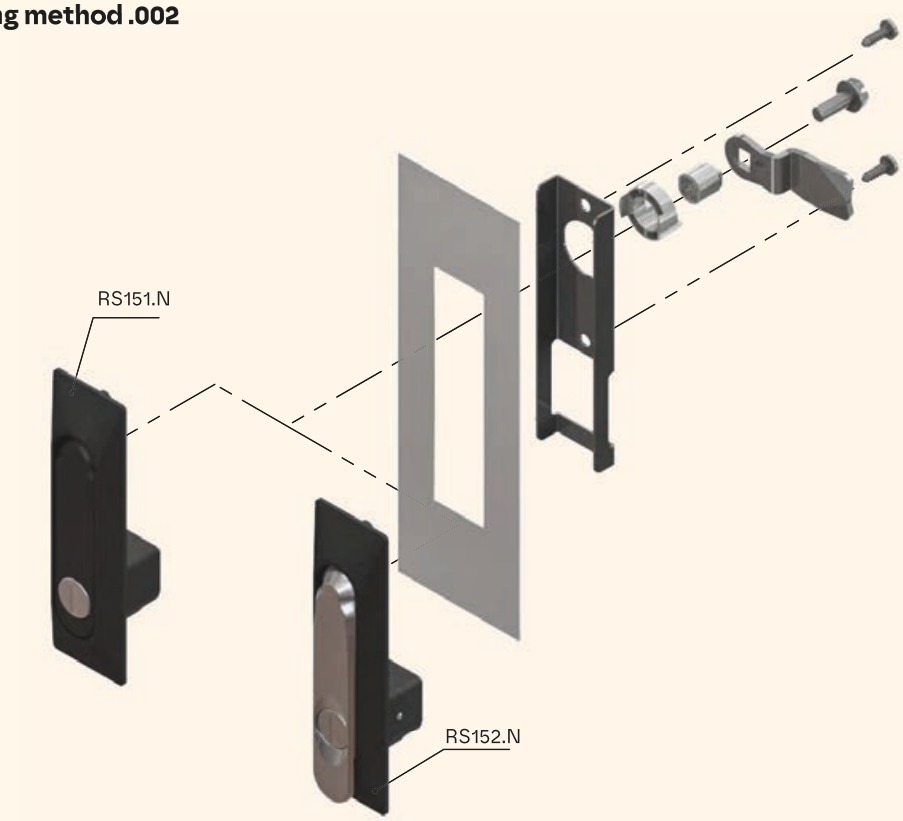
All necessery components are attached with a set.
For locks RS151N and RS152N CAMS to be ordered seperately:
- 1 point cam (group: 11, 13).....pg: 1C-10, 1C-11

Swinghandle RS151N, RS152N

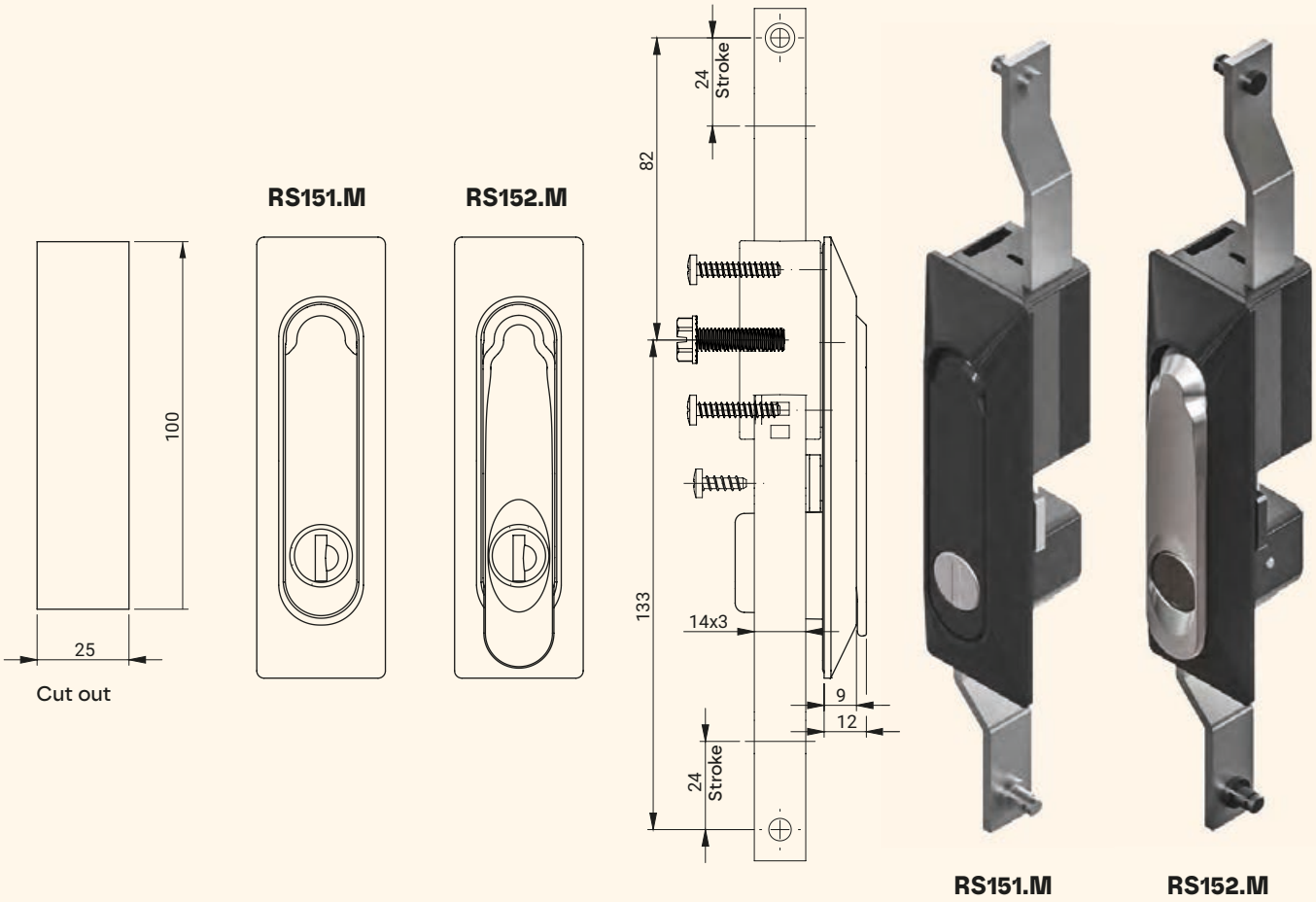
Mounting method .001



Mounting method .002



Swinghandle RS151.M, RS152.M



Type of lock
- RS151.M
- RS152.M

COMPONENTS	MATERIAL	FINISH [C]			CYLINDER LOCK		SHAPED INSERT	
		CHROME	RAL 9005	RAL 7035				
Body	PA6 GF30	-	07	08	KEY CODE		INSERT	
Handle RS151	PA6 GF30	-	07	08	Different code RK	1333		
Handle RS152	ZAMAK 5	01	04	05			T9	KW8
Cap MZ	PA6 GF30	-	07	-				
Tie-rod MZ	Steel zink plated							
Mounting components	Steel zink plated							

How to order:

RS152.M — 1333 — [C] — [C]

- Type of lock
- Type of insert / Key code
- Body finish
- Handle finish

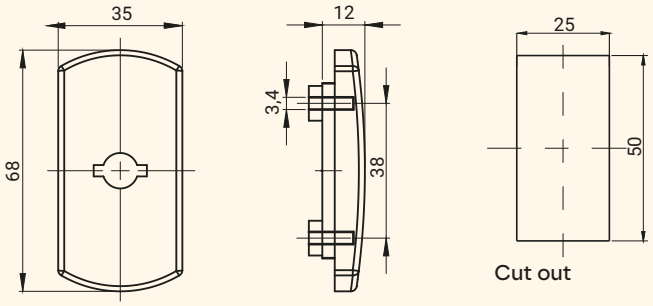
All necessery components are attached with a set. Additional components ordered seperately check page:
- Rods.....pg: 1C-4, 1C-5
- Flat rods.....pg: 1C-34 to 1C-40.

* Chrome finish available only for RS152.N (metal handle - ZAMAK 5).

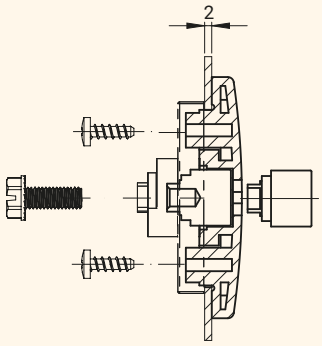
Lock RW100, RW110



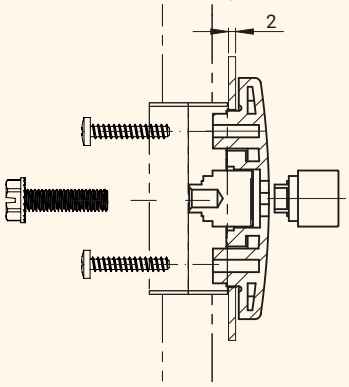
RW100.N



RW100.N
(Used with **Cap**)

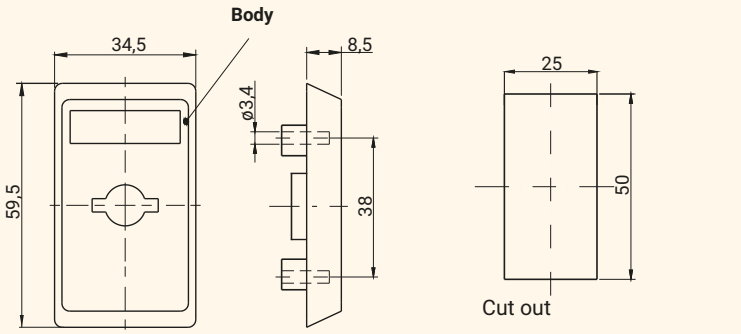


RW100.M
(Used with **Cogwheel mechanism**)

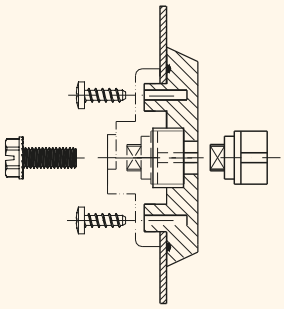




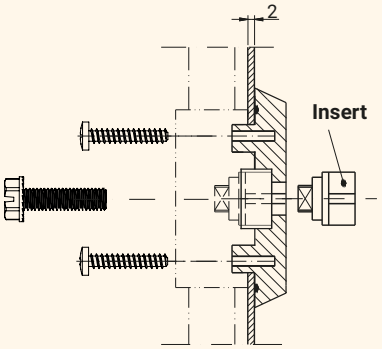
RW110.N



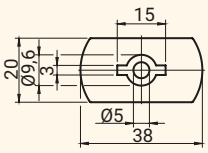
RW110.N
(Used with **Cap**)



RW110.M
(Used with **Cogwheel mechanism**)







1C.912.001

NOTE: Additional components of locks: **RW100.N, RW100.M, RW110.N, RW110.M,** on pages: 1A-5, 1A-6.

Protective cover compatible with locks: RW100, RW110, RW400

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
RW100.N, RW100.M RW110.N, RW110.M	Body	Polyamide PA6 GF30	07
1C.912.001	Protective cover	Polyamide	07

How to order:
Type of lock
Finish

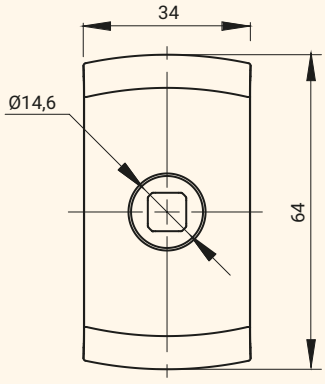
RW110.N — [C]

Lock RW120, RW125

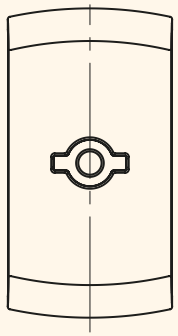


IP65

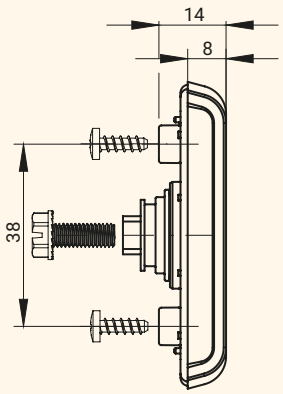
NEW



RW120



RW125

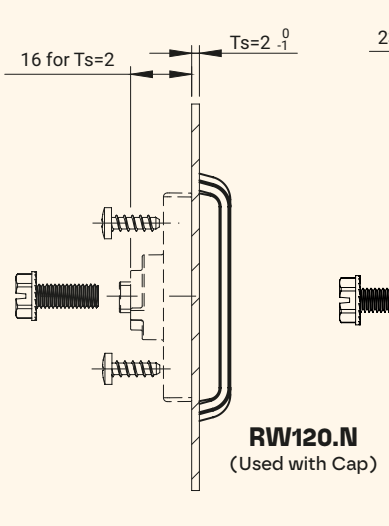




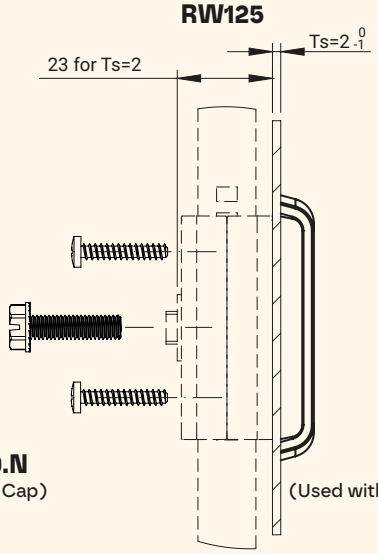
RW120



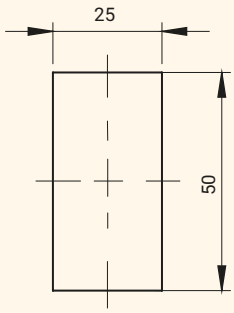
RW125



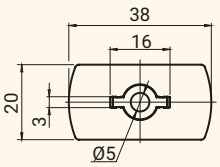
RW120.N
(Used with Cap)



RW120.M
(Used with Cogwheel mechanism)



Cut out





1C.912.002

PIN TYPE [X]			FINISH [C]		
RW120		RW125	Chrome	Nickel	RAL9005
KW8	T8	D5	01	02	04

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
RW120.N **RW120.M** **RW125.N** **RW125.M**	Body	Polyamide Pa6 GF30	07
1C.912.002	Protective cover*	Polyamide	07

How to order:

RW120.M.C — T8.C

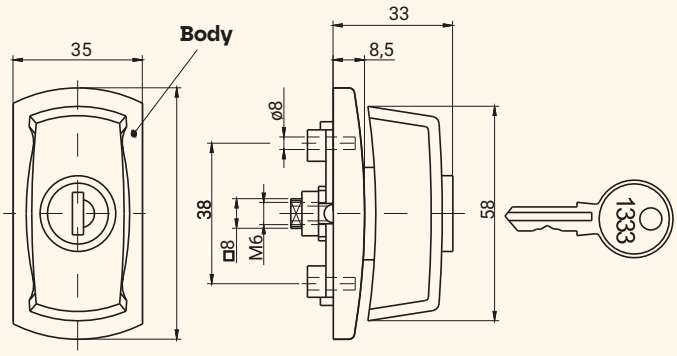
Type of lock
Finish [C]
Type of insert
Pin finish [C]

where:
Ts - door thickness

NOTE:
*Protective cover compatible with locks RW125.
Elements ordered separately for the cover plate version and the gear mechanism are included in the tables, see page 1B-51.

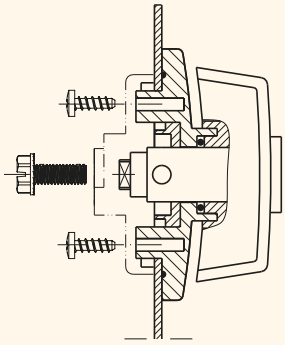
Lock RW200, RW500

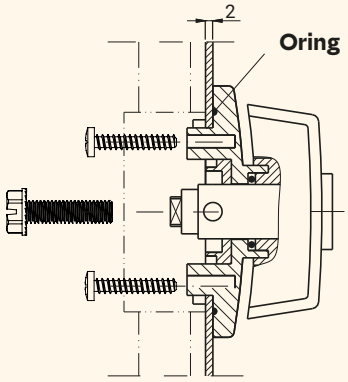




RW200.N ...
(Used with **Cap**)

RW200.M ...
(Used with **Cogwheel mechanism**)





NOTE: Additional components of locks: **RW200.N, RW200.M,** on pages: 1A-5, 1A-6.

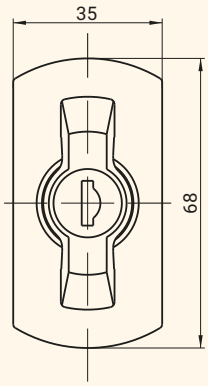
TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
RW200.N **RW200.M**	Body	Polyamide PA6 GF30	07

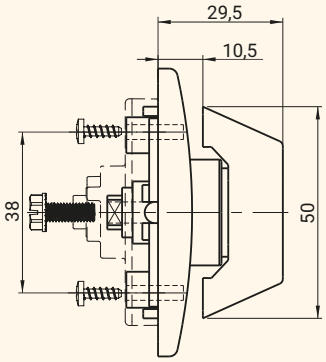
How to order:
Type of lock
Finish

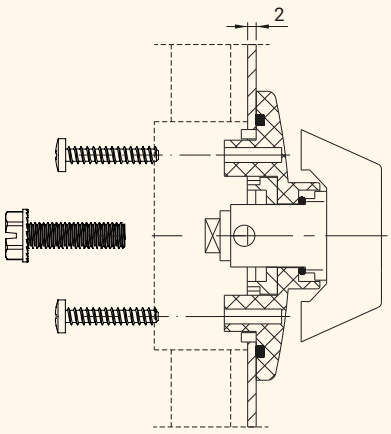
RW110.N — [C]

WING-KNOB LOCK RW500









RW500.N
(Used with **Cap**)

RW500.M
(Used with **Cogwheel mechanism**)

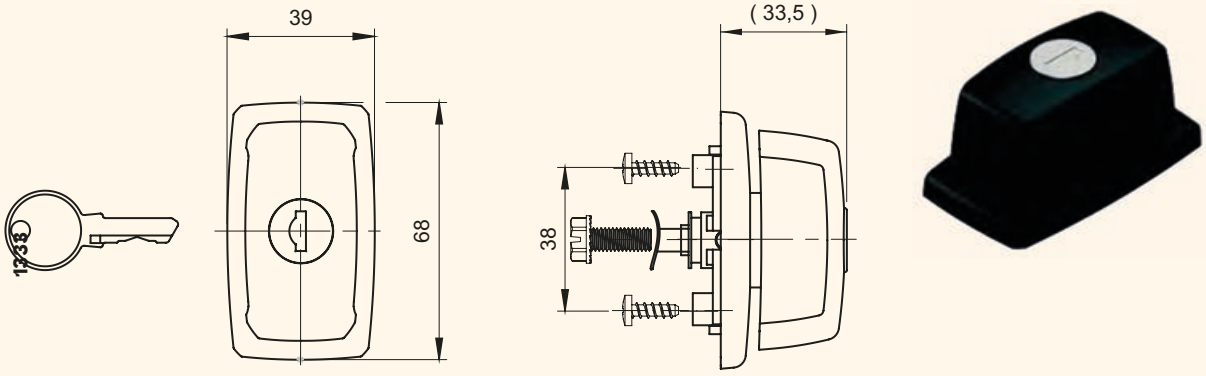
TYPE OF LOCK			COMPONENTS	MATERIAL	FINISH [C]
Insert code1333	Different code	No insert			RAL 9005
1B.RW500.001	**1B.RW500.002**	**1B.RW500.003**	Body	Polyamide PA6 GF30	07
			Knob	ZAMAK 5	04

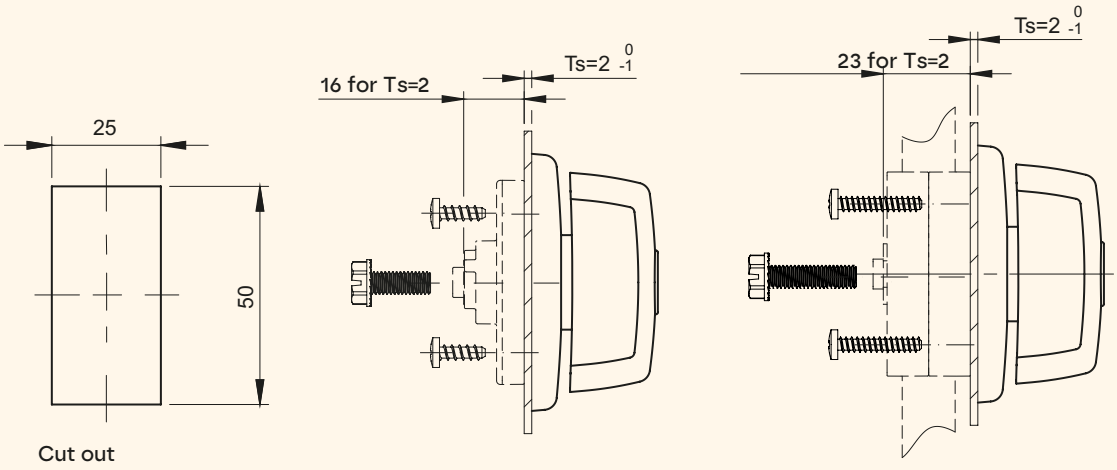
Lock RW210



IP65

NEW





RW210.N
(Used with **Cap**)

RW210.M
(Used with **Cogwheel mechanism**)

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	CYLINDER PROFILE		
			RAL 9005	KEY CODE		NO CYLINDER
RW210.N **RW210.M**	Housing	Polyamide Pa6 Gf30	07	1333	RK (different code)	BW

How to order:

RW210.N.C — 1333

Type of lock
Finish [C]
Key code

where:
Ts - door thickness

NOTE:
Elements ordered separately for the version for the cover plate and the gear mechanism are included in the tables, see page 1B-50.

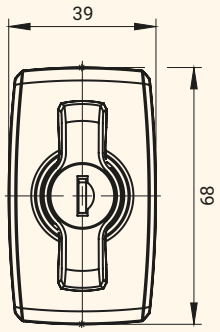
Lock RW505

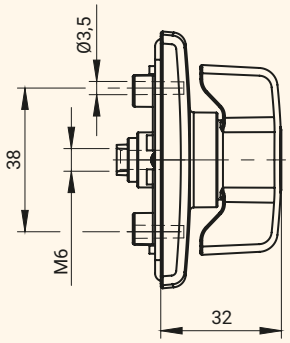
NEW

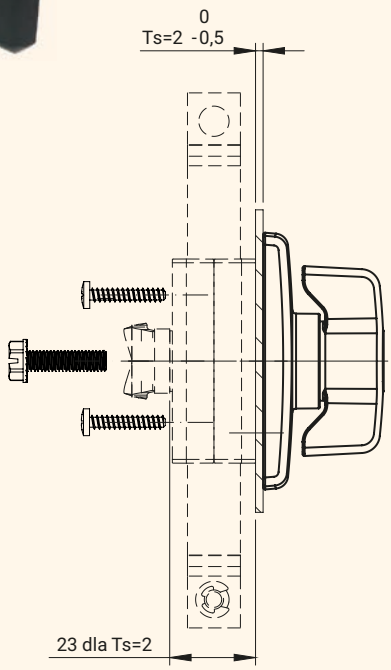
PUR

IP65

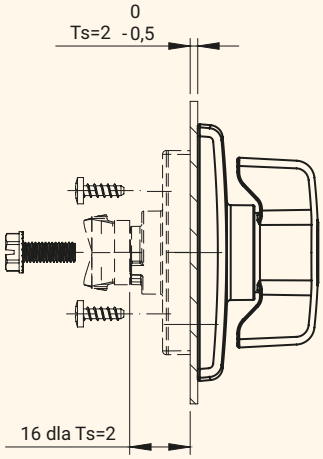




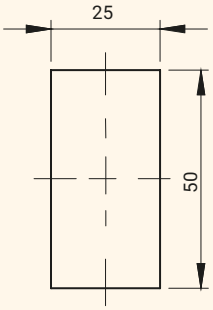




RW505.M
(Used with Cogwheel mechanism)



RW505.N
(Used with Cap)



Cut out

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	CYLINDER PROFILE	
			RAL 9005	KEY CODE	NO CYLINDER
RW505	Housing	Polyamide Pa6 Gf30	07	1333	RK (different code) BW

How to order:

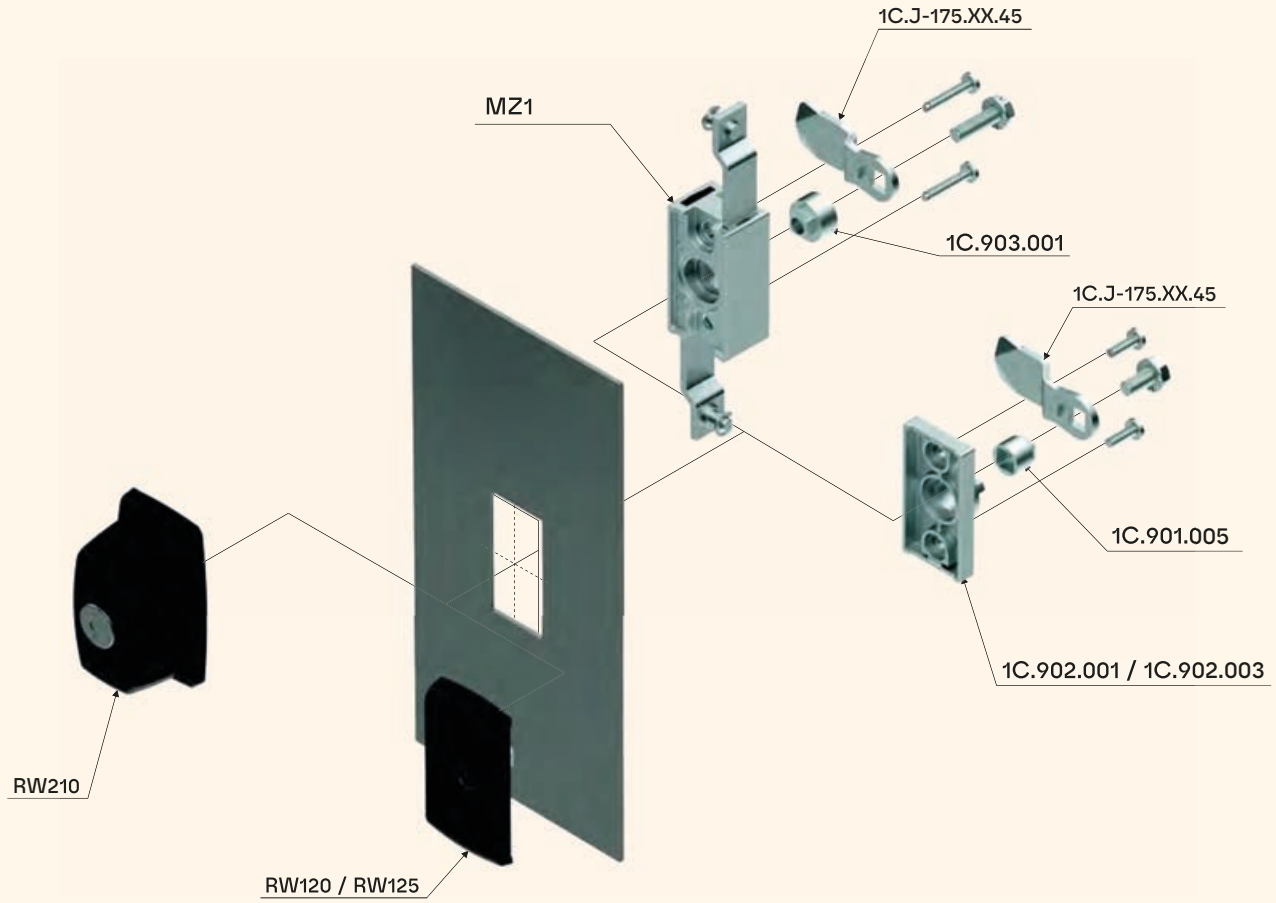
RW505.N.C — 1333

Type of lock
Finish [C]
Key code

where:
Ts - door thickness

NOTE:
Elements ordered separately for the version for the cover plate and the gear mechanism are included in the tables, see page 1B-51.

Lock version for overlay or gear mechanism



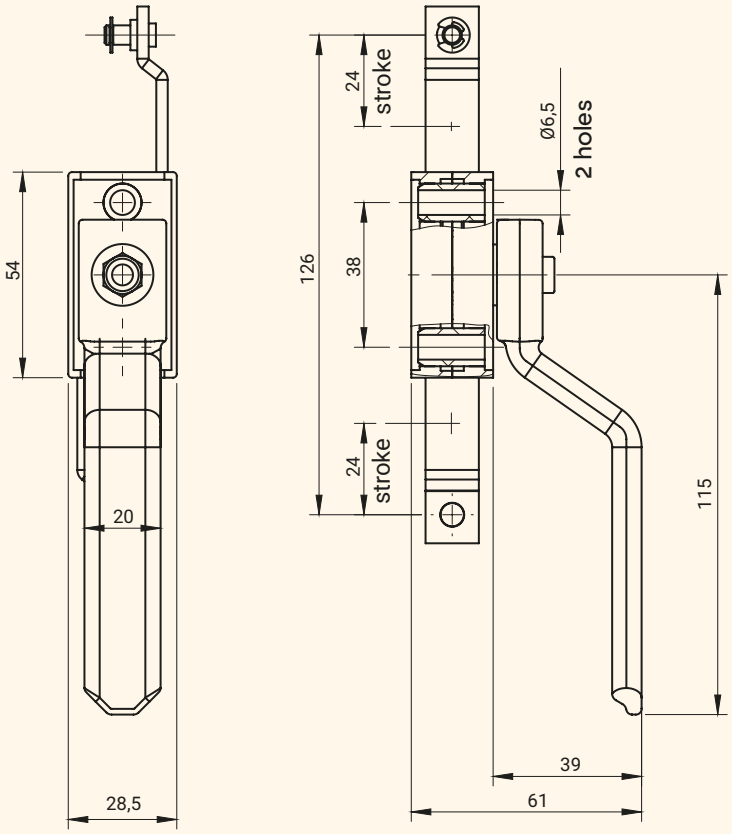
ACCESSORIES ORDERED SEPARATELY UNDER THE COVER		
TYPE OF LOCK	**PRODUCT**	**CATALOGUE NUMBER**
RW120.N **RW125.N** **RW210.N**	Cap 1C.902.001 / 1C.902.003	1C-27
	1-point cam, groups: 11, 13	1C-10 - 1C-11
	2-point cam, groups: 21	1C-15
	Sleeve	1C-27
	Rods	1C-4- 1C-5
	Rod guides	1C-6, 7

ACCESSORIES ORDERED SEPARATELY FOR THE RACK MECHANISM		
TYPE OF LOCK	**PRODUCT**	**CATALOGUE NUMBER**
RW120.M **RW125.M** **RW210.M**	Cogwheel mechanism MZ1	1C-28 - 1C-29
	1-point cam, groups: 11, 13	1C-10 - 1C-11
	Adapter	1C-27
	Flat bar	1C-34 - 1C-40
	Flat bar guides and supports	1C-6, 8, 1C-34 - 1C-40

Locking mechanism for passive doors
MZ1-DB.002, MZ1K-DB.002, MZ1P-DB.002

MZ1-DB.002, MZ1K-DB.002, MZ1P-DB.002







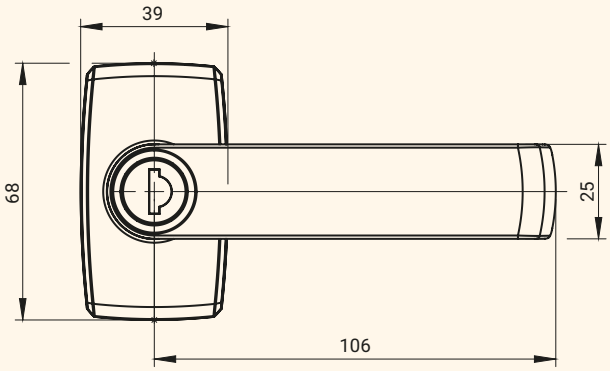
Flat Rod page 1C-34 - 1C-40

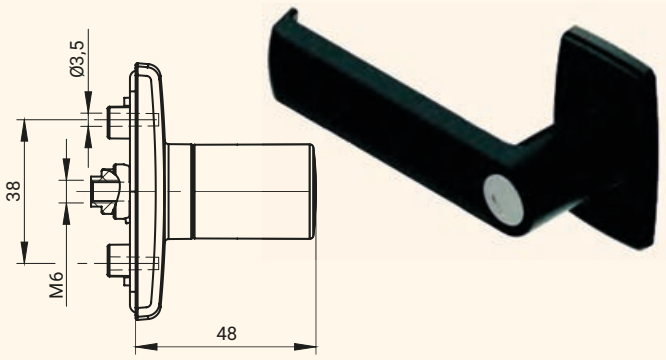
Rod guide P314 page 1C-8

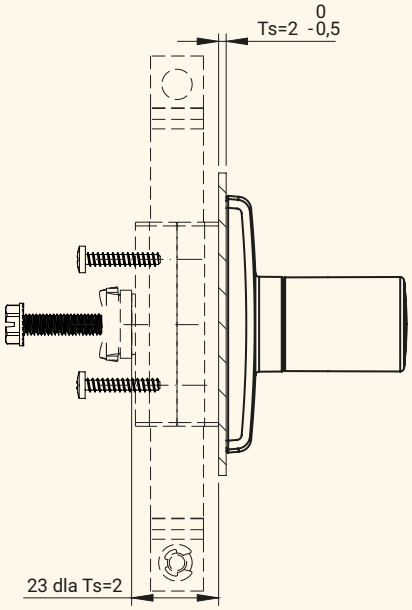
CATALOGUE NUMBER	VERSION	COMPONENTS	MATERIAL
MZ1-DB.002	Retaining washers protection	The body of the mechanizm Tie-rod Inner handle	ZAMAK 5 Zinc-plated steel Polyamide
MZ1K-DB.002	Square protection Shape		
MZ1P-DB.002	protection		

Lock RW525

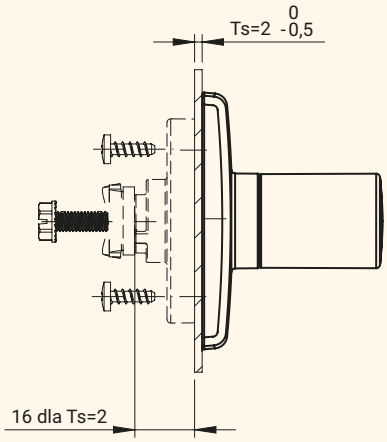
PUR IP65 NEW



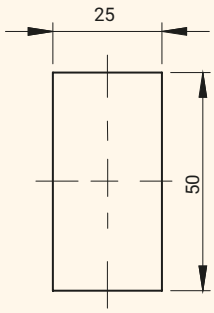




RW525.M
(Used with Cogwheel mechanism)



RW525.N
(Used with Cap)



Cut out

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	CYLINDER PROFILE		
			RAL 9005	KEY CODE		NO CYLINDER
RW525	Handle	ZAMAK 5	07	1333	RK (different code)	BW
	Housing	Polyamide Pa6 Gf30				

How to order:
Type of lock
Finish [C]
Key code

RW525.N.C — 1333

where: Ts - door thickness

NOTE:
Elements ordered separately for the version for the cover plate and the gear mechanism are included in the tables, see page 1B-51.

Lock RW515

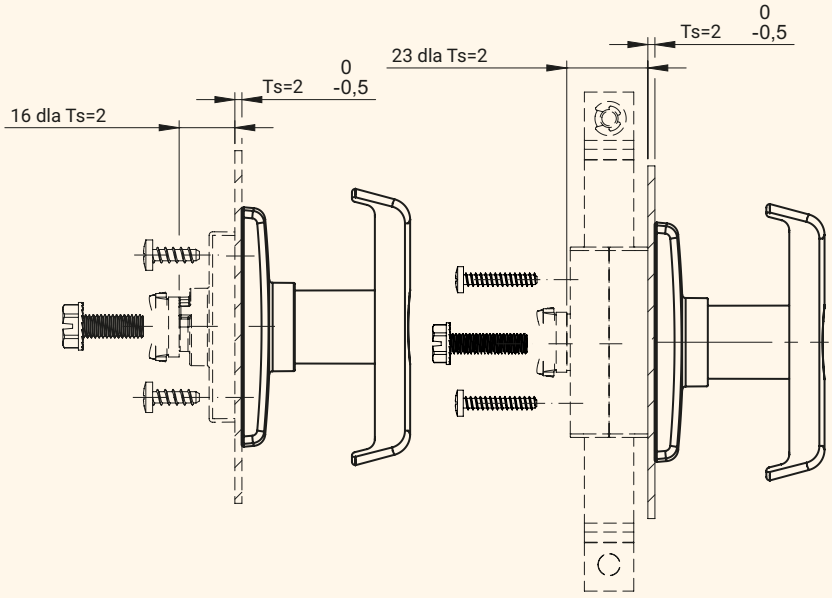
NEW

PUR

IP65

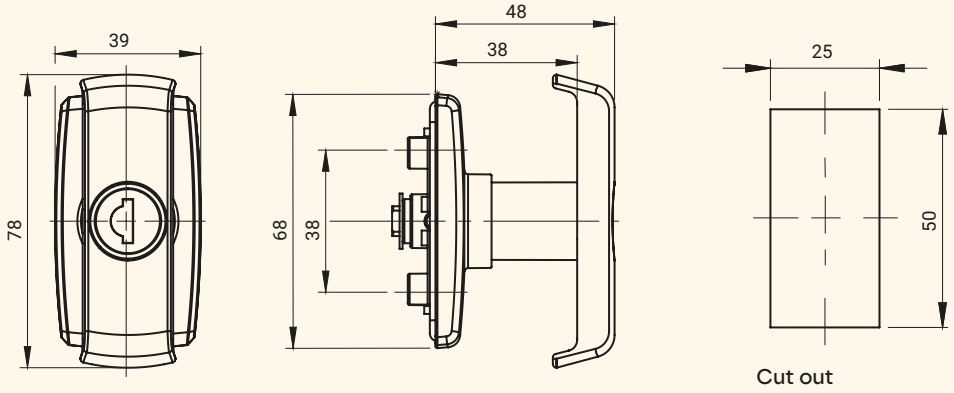
T-HANDLE LOCK RW515





RW515.N
(Used with Cap)

RW515.M
(Used with Cogwheel mechanism)



Cut out

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	CYLINDER PROFILE		
			RAL 9005	KEY CODE		NO CYLINDER
RW515.N **RW515.M**	Housing	Polyamide Pa6 Gf30	07	1333	RK (different code)	BW

How to order:

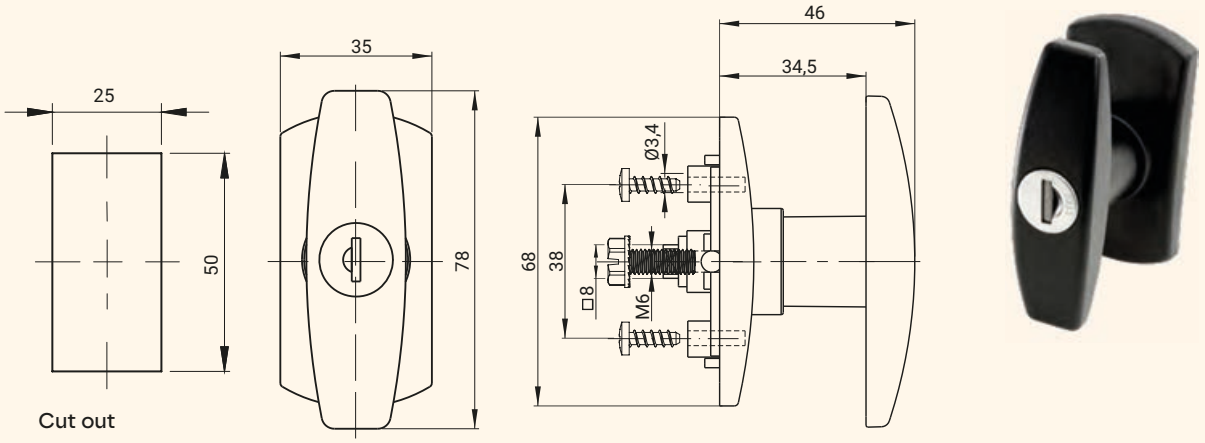
RW515.N.C — 1333

Type of lock
Finish [C]
Key code

where:
Ts - door thickness

NOTE:
Elements ordered separately for the version for the cover plate and the gear mechanism are included in the tables, see page 1B-51.

T-HANDLE LOCK RW510



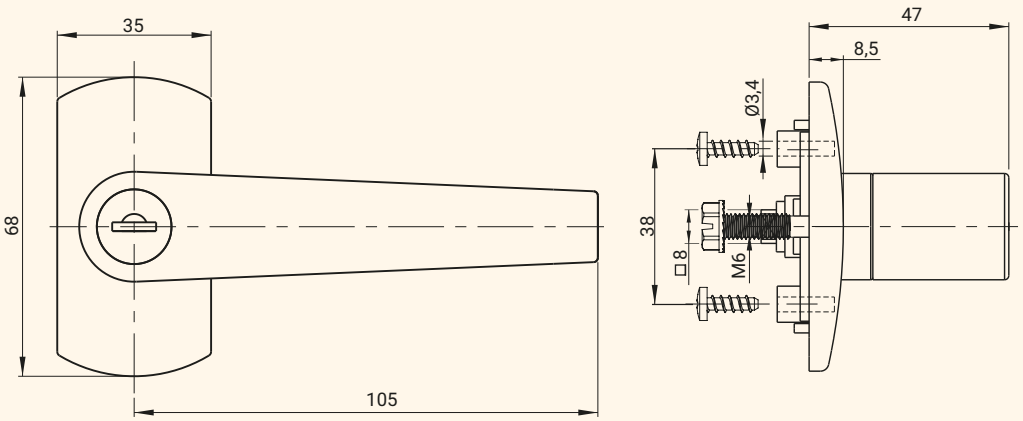
TYPE OF LOCK			COMPONENTS	MATERIAL	FINISH [C]
Insert code1333	Different code	No insert			RAL 9005
1B.RW510.001	**1B.RW510.002**	**1B.RW510.003**	Body	Polyamide PA6 GF30	07
			Handle T	ZAMAK 5	04

How to order:
Type of lock
Finish

1B.RW510.001 — [C]

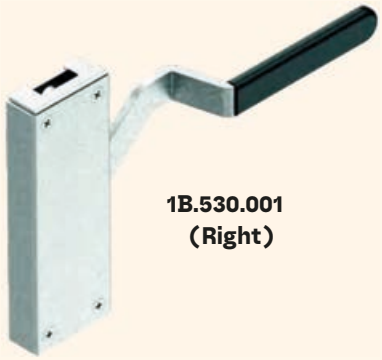
L-HANDLE LOCK RW520



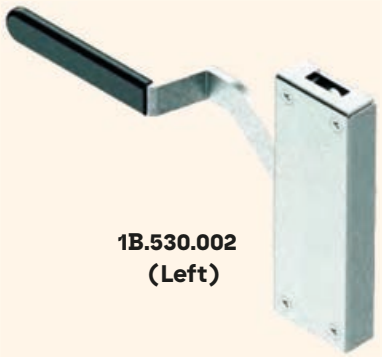


TYPE OF LOCK			COMPONENTS	MATERIAL	FINISH [C]
Insert code1333	Different code	No insert			RAL 9005
1B.RW520.001	**1B.RW520.002**	**1B.RW520.003**	Body	Polyamide PA6 GF30	07
			Handle L	ZAMAK 5	04

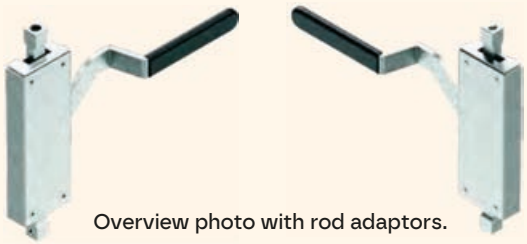
Internal lock for passive door 1B.530



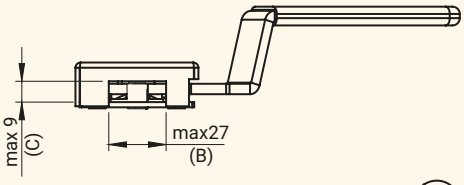
1B.530.001
(Right)

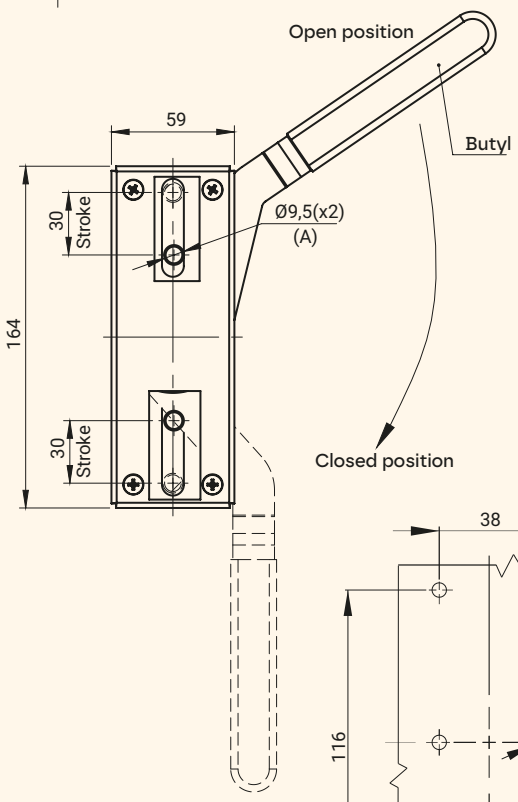


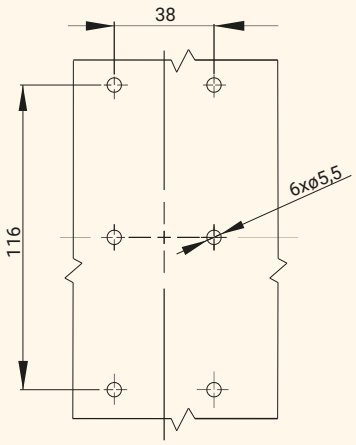
1B.530.002
(Left)



Overview photo with rod adaptors.



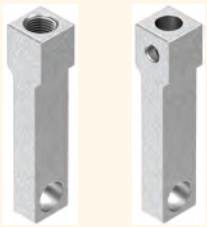




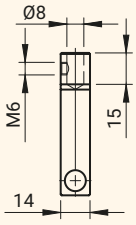
Cut out

Lock sold without adapters.
Ø9.5 tie rod cut outs (A). Maximum bar width 27 (B) and height 9 (C).

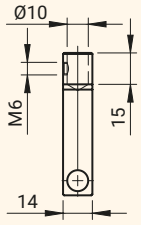
TYPE OF LOCK	VERSION	NAME	MATERIAL
1B.530.001	Right	Internal Lock ZWDB	Steel zinc plated
1B.530.002	Left		



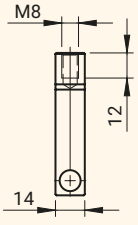
1B.530.001.06.1



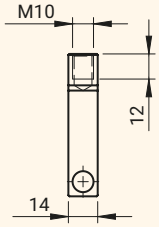
1B.530.001.06.2

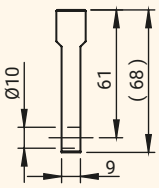


1B.530.001.06.3



1B.530.001.06.4

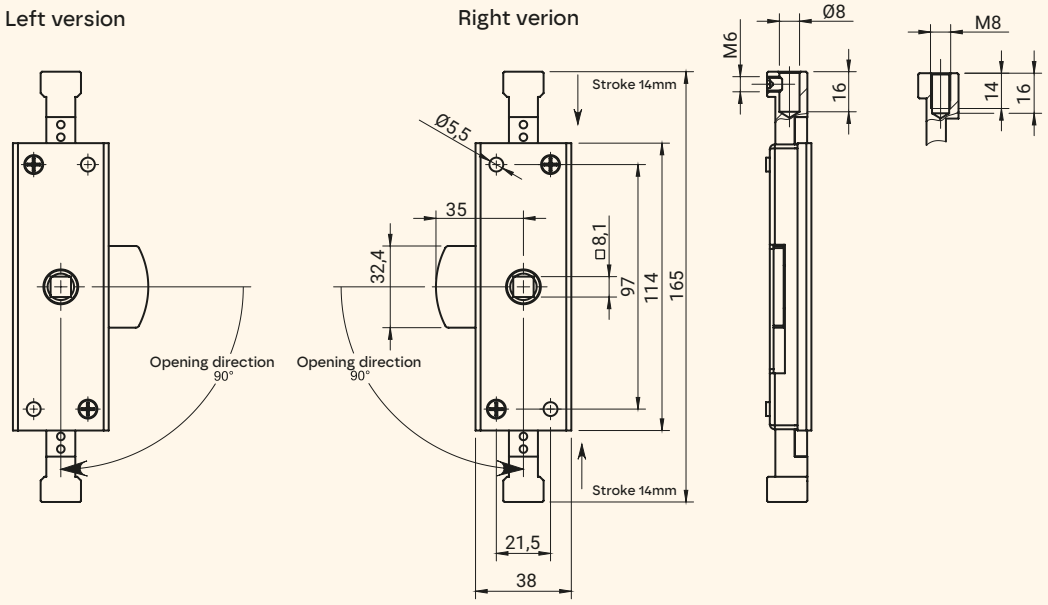


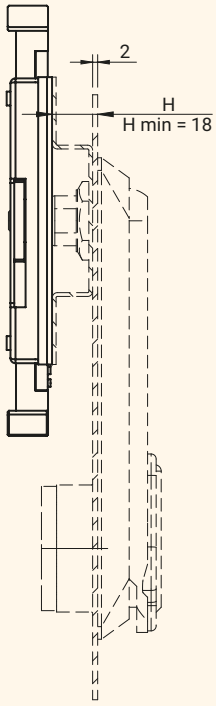


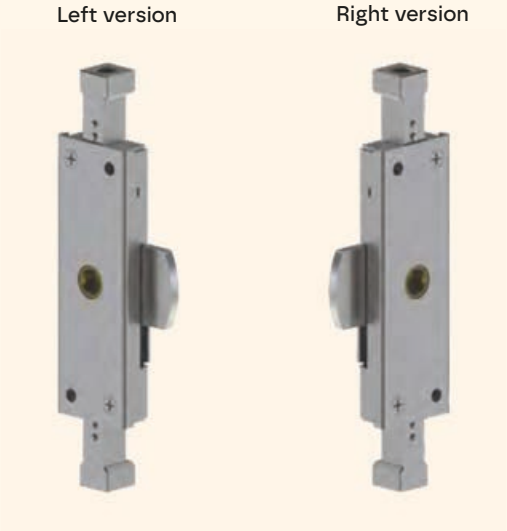
The adapters are compatible with lock 1B.530 (page 1B-55). The rod adapter must be ordered separately.

CATALOGUE NUMBER	VERSION	NAME	MATERIAL
1B.530.001.06.1	Ø8	Rod adapter	Steel zinc plated
1B.530.001.06.2	Ø10		
1B.530.001.06.3	M8		
1B.530.001.06.4	M10		

ZWA1 lock driven by a swinghandle





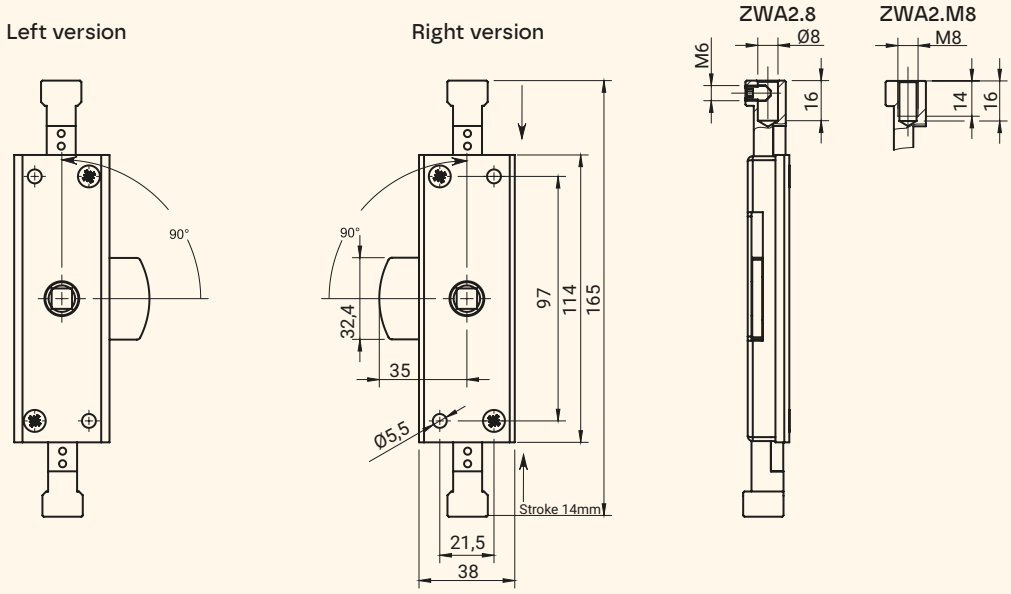


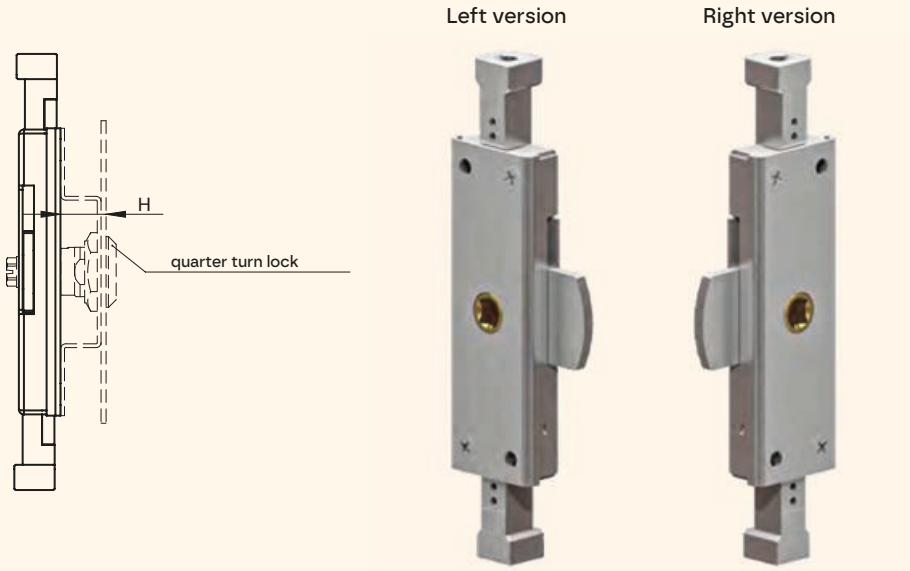
Lock ZWA1 works with the swinghandle RS130, page 1B-9 and with the swinghandle RS200, page 1B-3. When ordering the RS lock to cooperate with the ZWA1 lock, add the end of ZWA1 to the catalogue number of the RS lock

TYPE OF LOCK	VERSION	METHOD OF ATTACHING THE ROD	MATERIAL
1B.ZWA1.8.101	Right	Hole ø8	Steel zinc plated
1B.ZWA1.M8.10		Threaded hole M8	
1B.ZWA1.8.102	Left	Hole ø8	
1B.ZWA1.M8.102		Threaded hole M8	

Lock ZWA2

ZWA2 lock driven by a quarter turn lock



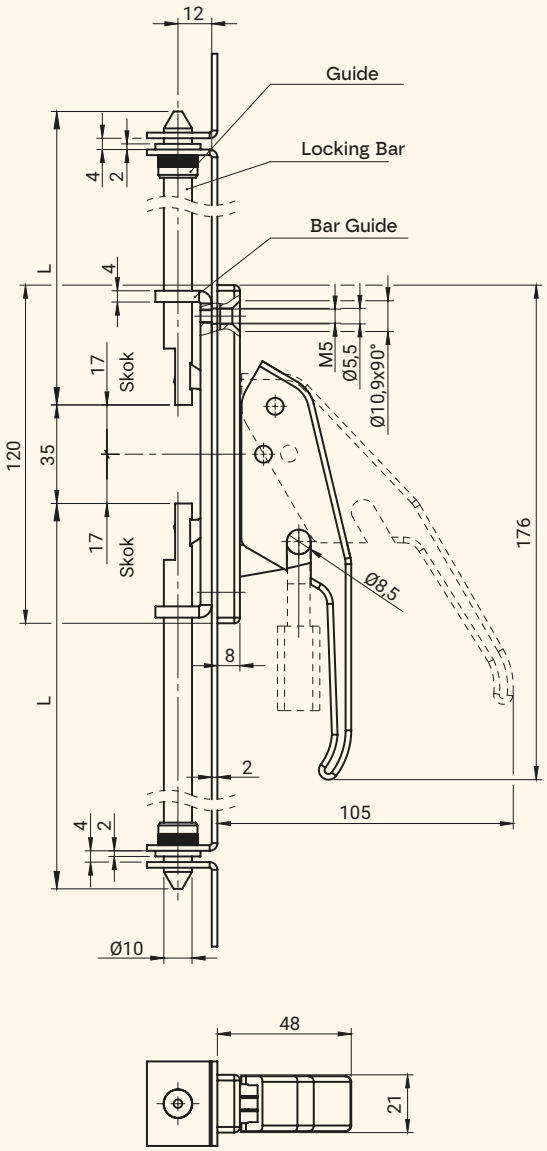


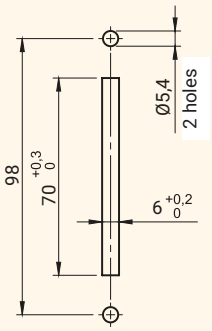
ZWA2 lock works with quarter turn locks M22-2, M22-30, M22-40, M22-60, 2.L, 2.T, 2.PM.
The height H is equal to the height GH of the lock used.
When ordering a quarter turn lock which is to cooperate with the ZWA2 lock, the ZWA2 end-piece should be added to the catalogue number of the lock.

DRIVE LOCK	HEIGHT H [MM]
M22-3, 2.L18, T18, 2.PM18	18
M22-30, 2.L30, 2.T30, 2.PM30	60
M22-40, 2.L40, 2.T40, 2.PM40	30
M22-60, 2.L60, 2.T60, 2.PM60	40

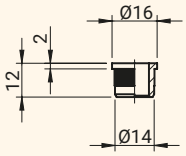
TYPE OF LOCK	VERSION	METHOD OF ATTACHING THE ROD	MATERIAL
1B.ZWA2.8.201	Right	Hole ø8	Steel zinc plated
1B.ZWA2.M8.201		Threaded hole m8	
1B.ZWA2.8.202	Left	Hole ø8	
1B.ZWA2.M8.202		Threaded hole m8	

Lever Lock 1B.ZD100

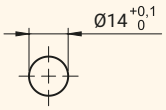




Lever Lock
Cut out



Guide Cut out



Guide



When ordering the locking bar 1B.ZD100.001.06 please specify the length L.

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
1B.ZD100.001	Lever Lock	Aluminum	04
	Bar Guide	Zinc plated steel	-
1B.ZD100.001.06	Locking Bar	Zinc plated steel	-
1B.ZD100.001.07	ø10 Guide	Brass	-

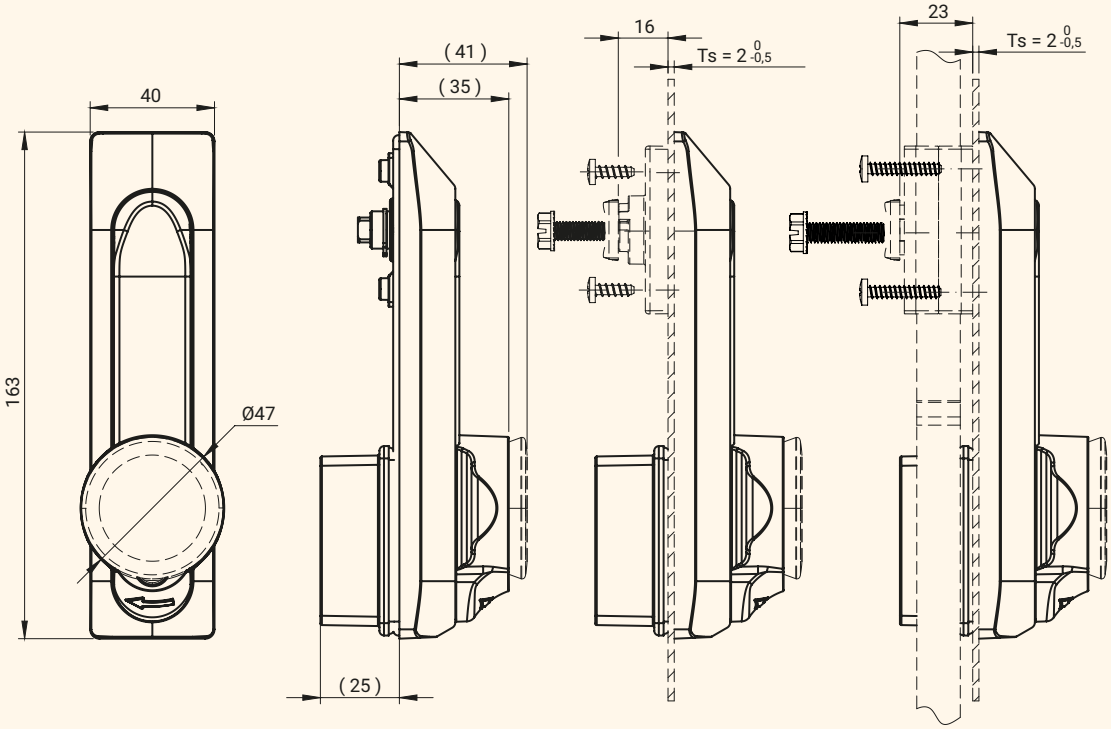
Swinghandle RS980-IQ

NEW | PUR | IP66 | RC2



Advantages of the insert handle

- Battery-free power supply NFC technology,
- Opening via smartphone and proximity key,
- Cylinder with 256-bit AES encryption,
- Compliant with European standards DIN 18252 / EN 15684,
- Possibility to extend the cylinder by 5 mm,
- Easy programming via PC and P55S.1 token,
- Group access management,
- Option to lock out lost keys, Internal event log,
- Support for time restrictions,
- Online opening authentication,
- Easy software update.



Version for a cap [N]

Under the gear mechanism [M]

*Insert D50S.531 to be ordered separately

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
RS980-IQ.N **RS980-IQ.M**	Housing, Handle	ZAMAK5	04	05
	Adapter	PA6 GF30	-	

How to order: RS980-IQ.M — [C]

Type of lock

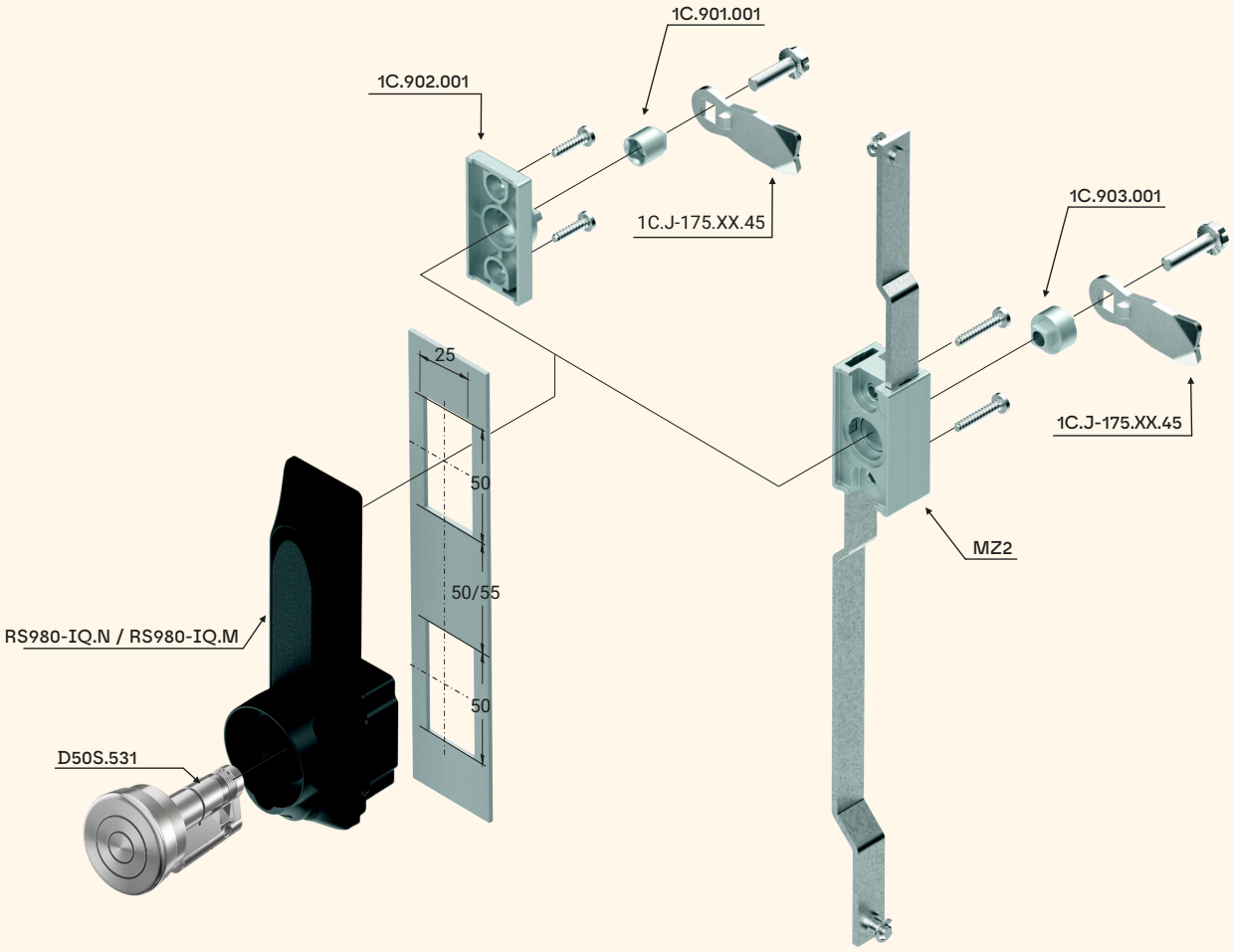
Finish

where:

Ts - mounting plate thickness

Accessories to be ordered separately for the toothed rack or pinion are shown on page 1B-60.

Swinghandle for overlay or gear mechanism RS980-IQ



*Insert D50S.531 to be ordered separately

ACCESSORIES ORDERED SEPARATELY UNDER THE COVER [N]		
TYPE OF LOCK	**DETAIL**	**PAGE**
RS980-IQ.N	Cap 1C.902.001 / 1C.902.003	1C-27
	Bushing 1C.901.001	1C-27
	1-point cam, group: 11, 13	1C-10, 1C-11
	2-point cam, group: 21	1C-15
	3-point cam, group: 31, 33	1C-17, 1C-18
	Rods	1C-4, 1C-5
	Rod guide	1C-6, 1C-7

ACCESSORIES ORDERED SEPARATELY FOR THE RACK MECHANISM [M]		
TYPE OF LOCK	**DETAIL**	**PAGE**
RS980-IQ.M	Cogwheel mechanism MZ2 / MZ3	1C-30 - 1C-33
	1-point cam, groups: 11, 13	1C-10 - 1C-11
	Adapter 1C.903.001	1C-27
	Flat bar	1C-34 - 1C-40
	Flat bar guides and supports	1C-6, 8, 1C-34 - 1C-40

Swinghandle RS983-IQ

NEW



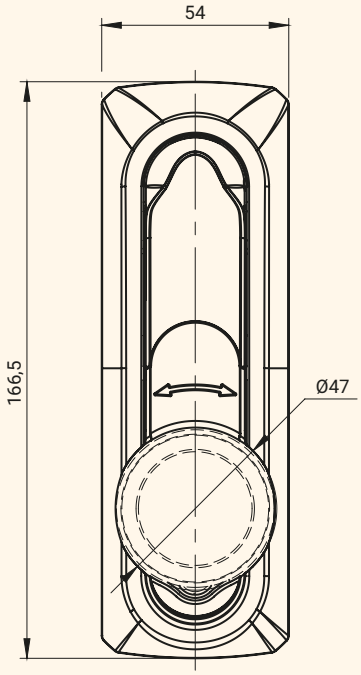
IP66

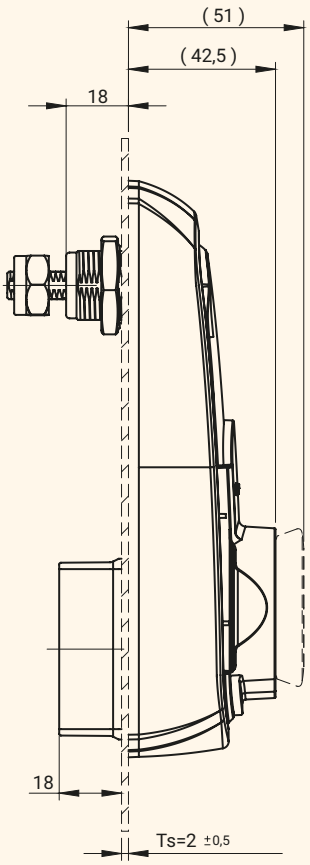
RC2

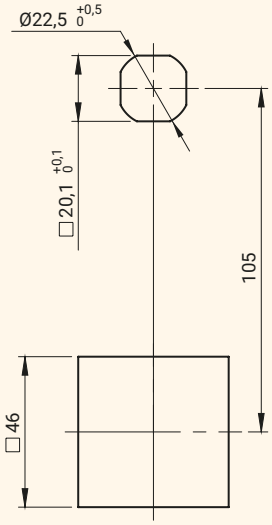


Advantages of the insert handle

- Battery-free power supply NFC technology,
- Opening via smartphone and proximity key,
- Cylinder with 256-bit AES encryption,
- Compliant with European standards DIN 18252 / EN 15684,
- Possibility to extend the cylinder by 5 mm,
- Easy programming via PC and P55S.1 token,
- Group access management,
- Option to lock out lost keys, Internal event log,
- Support for time restrictions,
- Online opening authentication,
- Easy software update.







Cut out

*Insert D50S.531 to be ordered separately

Swinghandle cooperates with PANIK / ZWP.001, ZWP.002 and ZW locks

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
RS983-IQ	Housing, Handle	ZAMAK 5	04	05

How to order:

RS983 — [C]

Type of lock

Finish

where:

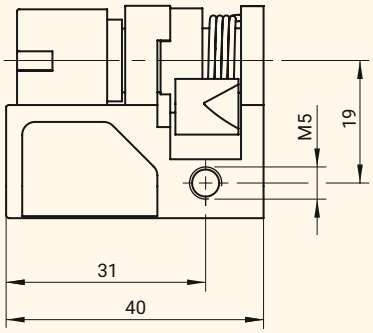
Ts - door thickness

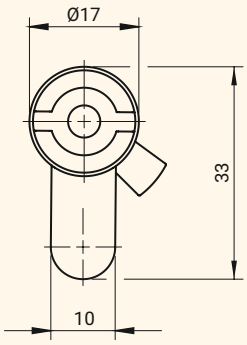
Lock compatible with tongues of group: 15, 16, 19, 21, 35, 36, JK1-10018-G-M, JK2-10018-G-M (pg. 1C-12 to 1C-21)

Profile cylinder RS

SHAPED INSERT LATCHING







TYPE OF INSERT [X]														
D3	D5	T6	T7	T9	T10	T13i	KW6	KW7	KW8	S	N	C9	L	D13

CATALOGUE NO.	MATERIAL	FINISH [C]		
		Nickel	Galvanized	Without coverage
WRS-X	ZAMAK 5	02	03	00

How to order:

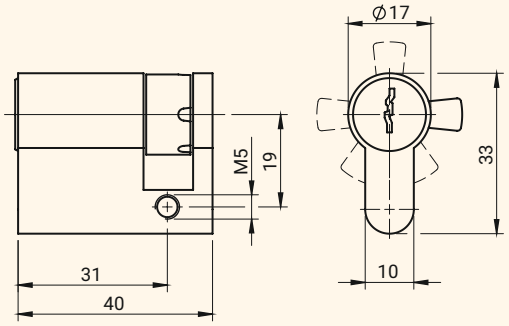
WRS — D5 — [C]

Type of lock
Type of insert
Finish



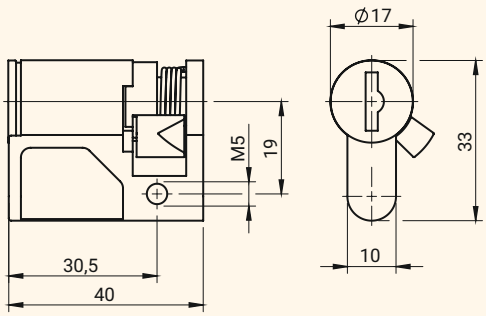


LOCK CYLINDER WRS-B.001



NOTE:
Profile cylinder can be ordered with one or different key codes.

SELF-LOCKING CYLINDER WRS-P.001

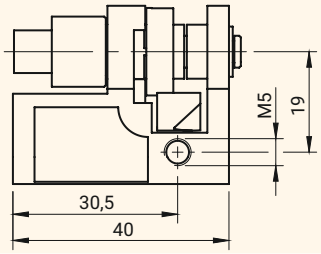


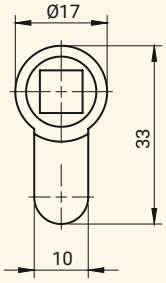
NOTE:
Profile cylinder can be ordered with one or different key codes.

CATALOGUE NO.	KEY CODE	MATERIAL	FINISH [C]
WRS-B.001 - JK	Key alike	Brass	-
WRS-B.001 - RK	Different code		
WRS-P.001 - 1333	Code 1333	ZAMAK 5	Nickel
WRS-P.002 - 405E	Code 405E		
WRS-P.002 - 455E	Code 455E		
WRS-P.002 - 1242E	Code 1242E		
WRS-P.002 - 2432E	Code 2432E		

Shape inserts WRS

Shaped insert rotated by 360° WRS-360







TYPE OF INSERT [X]														
D3	D5	T6	T7	T9	T10	T13i	KW6	KW7	KW8	S	N	C9	L	D13

CATALOGUE NO.	MATERIAL	FINISH [C]	
		Nickel	Galvanized
WRS-360-X	ZAMAK 5	02	03

How to order:

WRS-360 — D5 — [C]

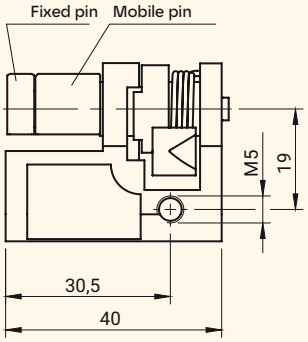
Type of lock

Type of insert

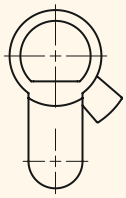
Finish

Self-locking shaped insert with difficult access WRS-D13.001 / WRS-D13.002

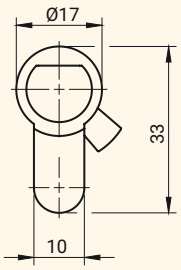
NEW



WRS-D13.001

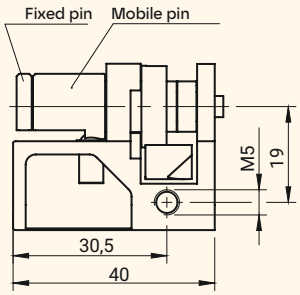


WRS-D13.002

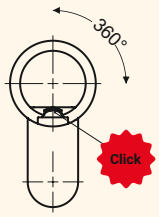




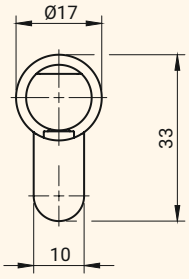
Shaped insert rotaed by 360° with difficult access WRS-D13.003 / WRS-D13.004



WRS-D13.003



WRS-D13.004





Shaped inserts WRS-D13 are compatible only with specified lock types RS: RS420, RS520, RS420/U, RS520/U.
WRS-D13.003 and WRS-D13.004 allows the key to turn 360°, removing the key is possible only in the open position, open position is sygnalized by a slight click.
Recommended key for cylinders with dificult access - 2.KL-D13S.008 (pg. 2A-115).

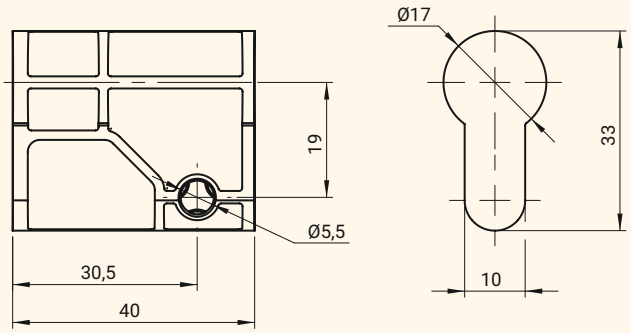
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
WRS-D13.001	Housing	ZAMAK 5	Nickel
WRS-D13.002	Mobile pin Fixed pin	Steel zinc plated Steel zinc plated	- -
WRS-D13.003	Housing	ZAMAK 5	Nickel
WRS-D13.004	Mobile pin Fixed pin	Brass Steel zinc plated	- -

Shape inserts WRS-PA

NEW

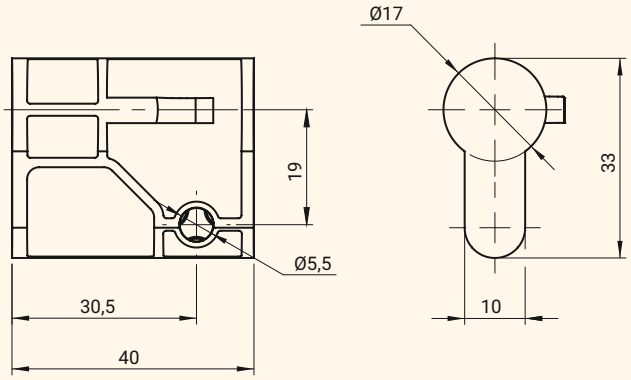
WRS-PA.001 shaped insert end cap





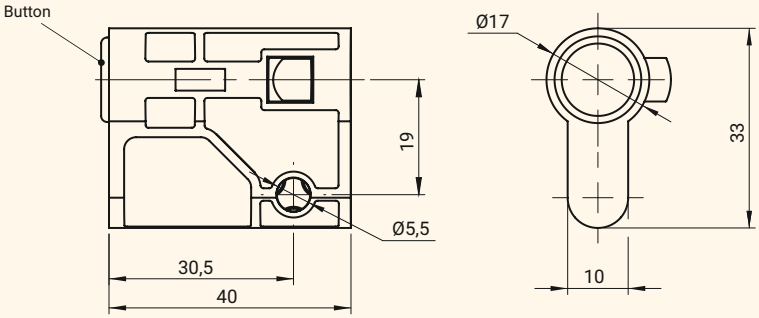
WRS-PA.002 Snap-on shaped insert





WRS-PA.003 Snap-on shaped insert

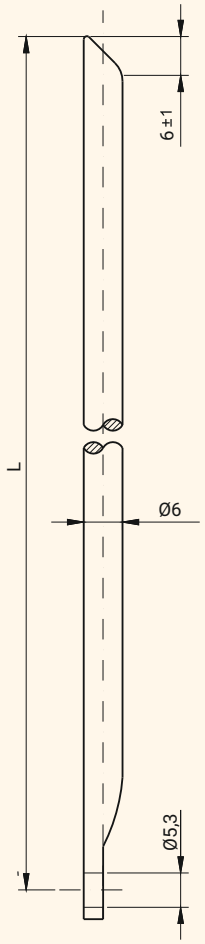




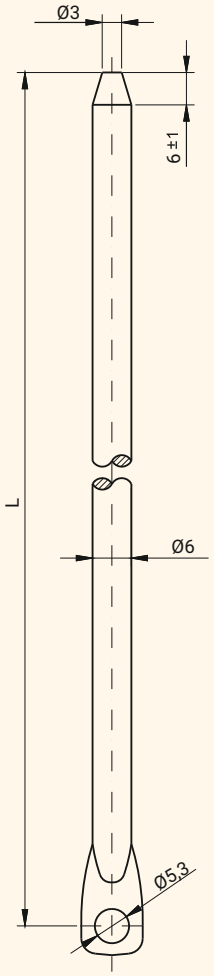
CATALOGUE NO.	COMPONENTS	MATERIAL
WRS-PA.001	Housing	Polyamide PA6 GF30
WRS-PA.002	Housing	
WRS-PA.003	Housing, Button, Latch	
	Spring	Stainless steel

Rod P16, P26, PR28 - Ø6

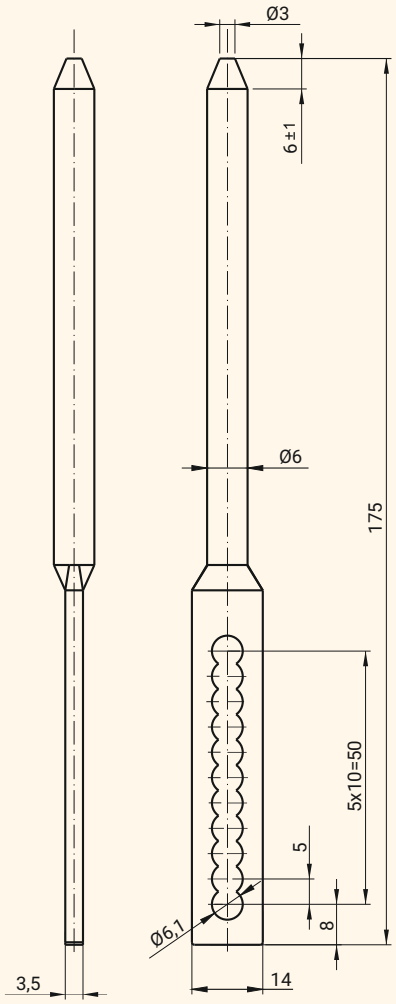
ROD with Cut End (P26L)



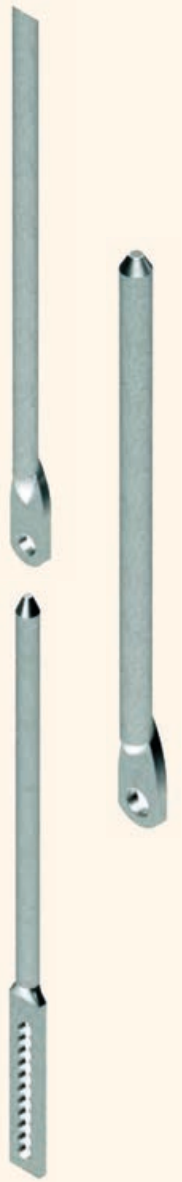
ROD with Pointed End (P26L)



ROD with Pointed End (regulated) (PR28L)



stainless steel



CALCULATING RODS' LENGHT

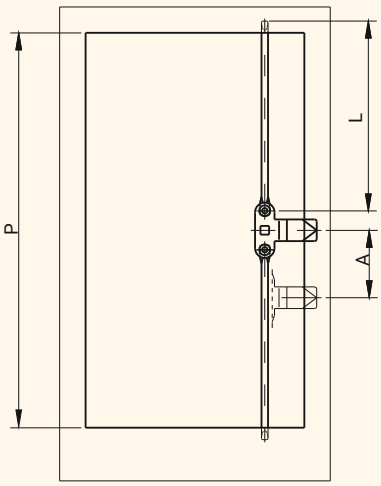
a) 3- point cam assembled
in the middle of the door:

$$L = \frac{P - 12mm}{2}$$

b) in case, when cam is moved
about dimension A:

L= in calculated like in point a) but:
- upper rod $L_W = L + A$
- lower rod $L_N = L - A$

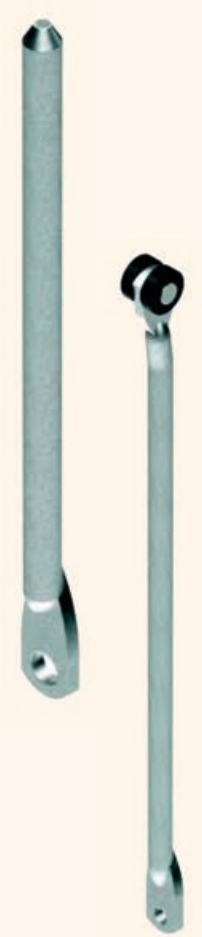
L - lenght of rod [mm]



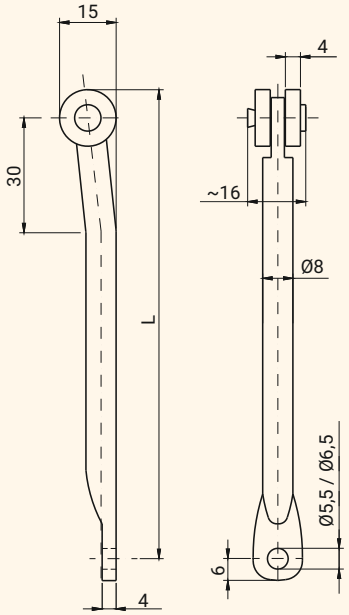
CATALOGUE NO.	NAME	MATERIAL
P16 L	Rod with cut end Rod	Steel zinc plated
P26 L	with pointed end	Steel zinc plated
PR28 L	Rod with pointed end (regulated)	Steel zinc plated

Rod P28, P38, P48 - Ø8
Rod holder 1C.904

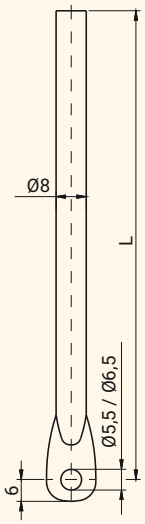
stainless steel



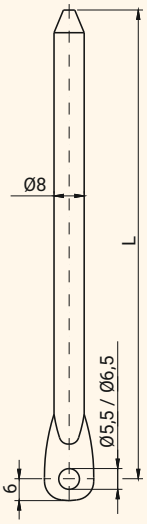
ROD with Rollers (P38 L)



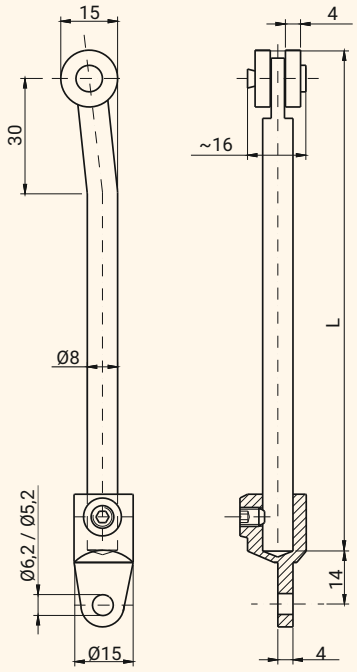
ROD with Flat End (P48 L)



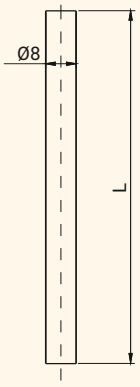
ROD with Pointed End (P28 L)



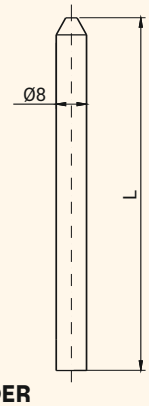
ROD wit Rollers (P38/U L)
(used with **Rod Holder**)



ROD with Flat End *(P48/U L)*
(used with **Rod Holder**)



ROD with Pointed End (P28/U L)
(used with **Rod Holder**)

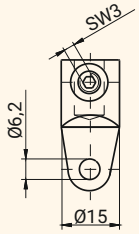


stainless steel

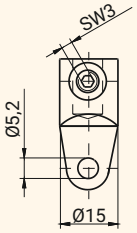


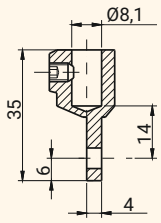
ROD HOLDER

nr 1C.904.051



nr 1C.904.050



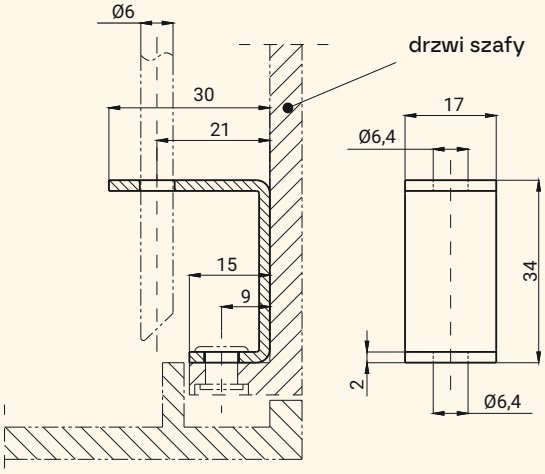


L - lenght of rod [mm]

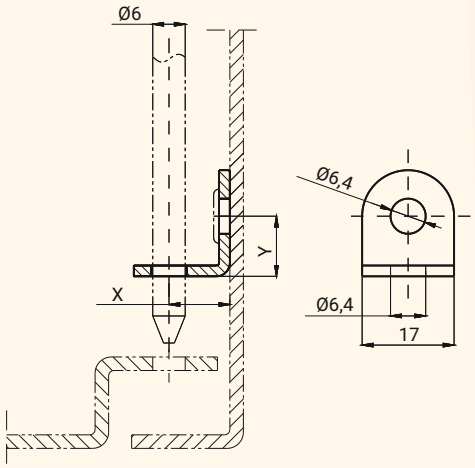
CATALOGUE NO.		NAME	MATERIAL
P28 L		Rod with pointed end	Steel zinc plated
P38 L		Rod with rollers	Steel zinc plated, rollers-PA6
P48 L		Rod with flat end	Steel zinc plated
P28/U L	Lenght adjustable by Rod holder	Rod with pointed end (adjustable)	Steel zinc plated
P38/U L		Rod with rollers (adjustable)	Steel zinc plated, rollers-PA6
P48/U L		Rod with flat end (adjustable)	Steel zinc plated
1C.904.051,1C.904.050		Rod holder	ZAMAK 5 - zinc plated
1C.904.052		Rod holder	Stainless Steel

Rod guide Ø6, Ø8, RW

ROD GUIDE ø6 - U 1C.906.001



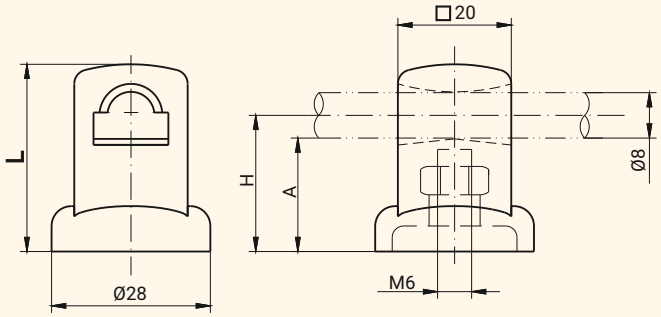
ROD GUIDE ø6 - L 1C.906.002



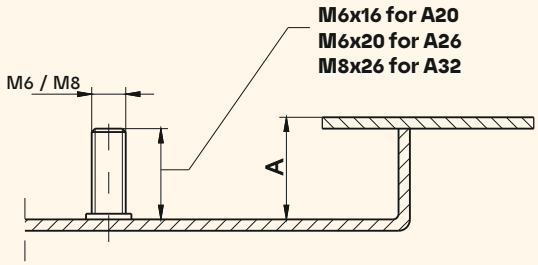




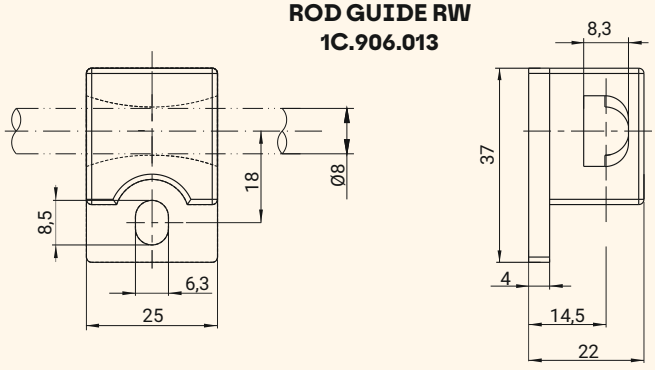
ROD GUIDE ø8
1C.906.008, 1C.906.009, 1C.906.010







ROD GUIDE RW
1C.906.013

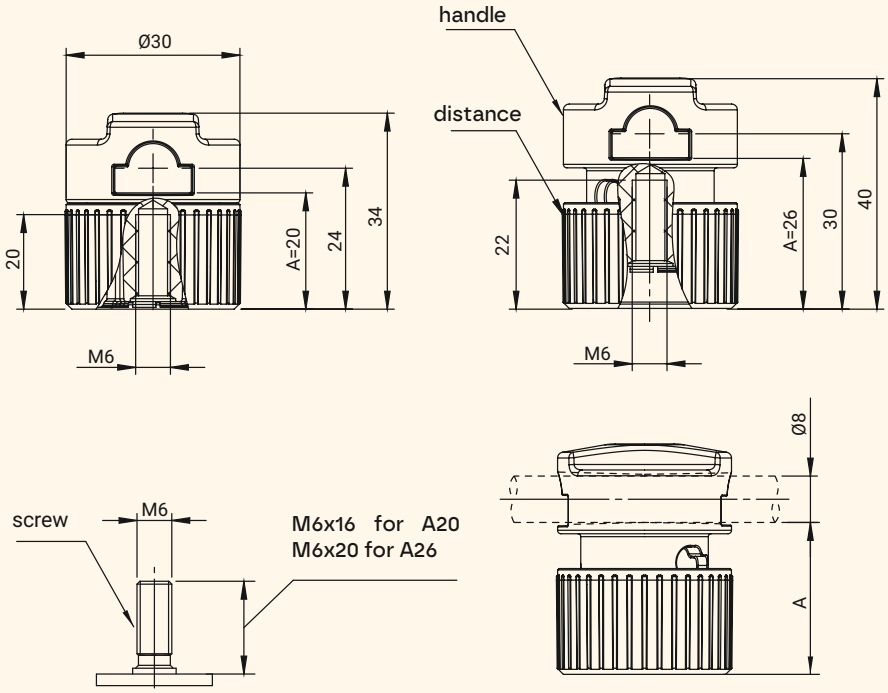




CATALOGUE NO.	NAME	DIMENSION Ø8, Ø6 [MM]					MATERIAL
		A	L	H	X	Y	
1C.906.008	Rod guide ø8	20	33	24	-	-	Pa6 colour RAL 9005
1C.906.009		26	39	30	-	-	
1C.906.010		32	45	36	-	-	
1C.906.002	Rod guide ø6 L	--	--	--	11,5	8	Steel zinc plated
1C.906.003						27	
1C.906.001	Rod guide ø6 U	22,5					Steel zinc plated Pa6
1C.906.013	Rod guide RW						colour RAL 9005

Rod guide 1C.906.100



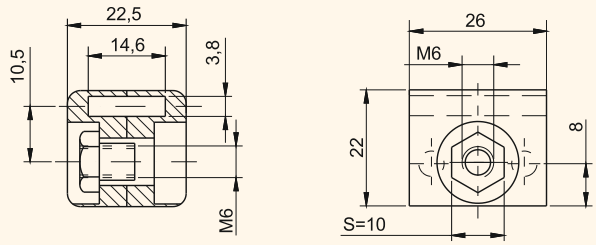


Positions A20 and A26 according to drawing.
To change the position from A20 to A26, rotate the knob in the clockwise or anticlockwise direction relative to the distance until the knob can turn no further.
Change the position of the guide from position A20 to A26 after removing the guide from the rod.
It is possible to use one type of M6x16 stud for both versions of the rod guide.

TENSILE STRENGTH [KG]			TIGHTENING TORQUE
SCREW LENGTH L	A20	A26	
L=20mm	500	400	up to 2Nm
L=22mm	-	500	

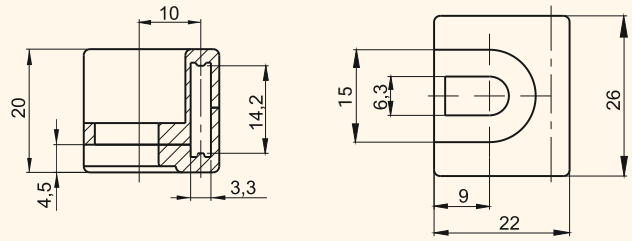
CATALOGUE NO.	DETAL	MATERIAL	FINISH [C]
			RAL 9005
1C.906.100	Rod guide ø 8	Polyamide PA GF30	07

Rod guide 1C.906 - P314



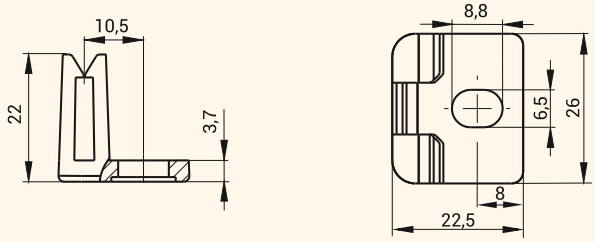
1C.906.012
1C.906.012SN





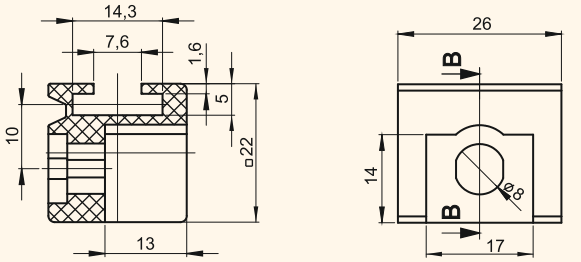
1C.906.014





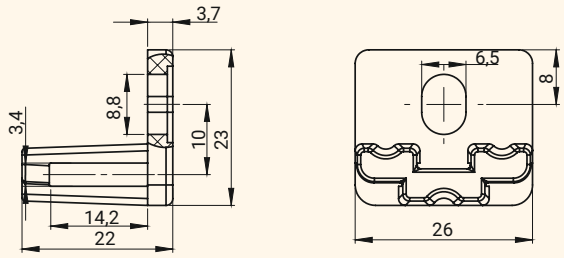
1C.906.015





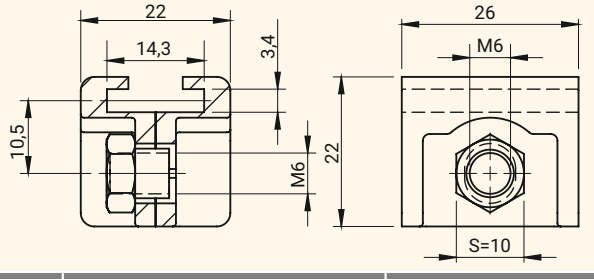
1C.906.018





1C.906.019





stainless steel

NEW

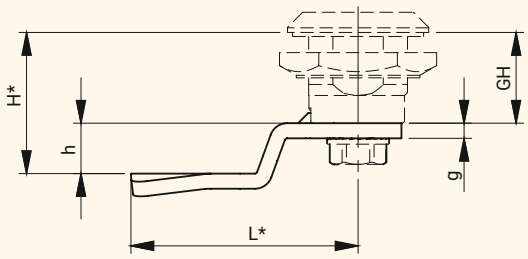
1C.906.020

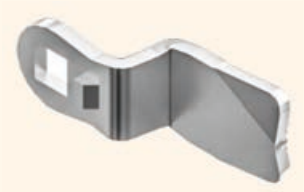


CATALOGUE NO.	NAME	COMPONENTS	MATERIAL PA6,
1C.906.012	Rod guide P314	Rod guide P314	RAL 9005
		Nut	Steel zinc plated
1C.906.012SN	Rod guide P314	Rod guide P314	PA6, RAL 9005
		Nut Rod guide P314 ver. 2	Stainless Steel PA6,
1C.906.014	Rod guide P314 ver. 2	Rod guide	RAL 9005 PA6,
1C.906.015	Rod guide P314	Rod guide P314 ver. 3	RAL 9005 PA6,
1C.906.018	Rod guide P314 ver. 3	Rod guide	RAL 9005 PA6 GF30,
1C.906.019	Rod guide P314		RAL 9005
1C.906.020	Rod guide P314 SN	Rod guide, Nut	Stainless Steel 316

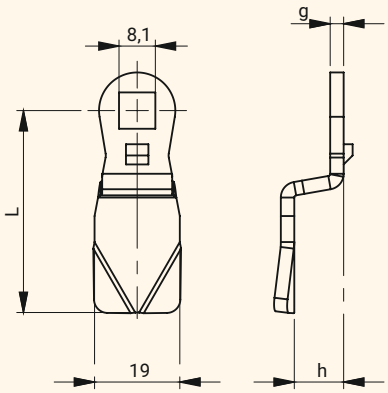
1-point cam

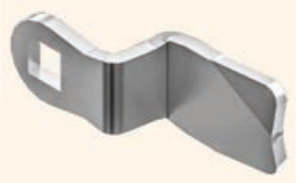
GH - height body
H - height locking
h - heihgt cam
L - lenght cam
g - thickness cam



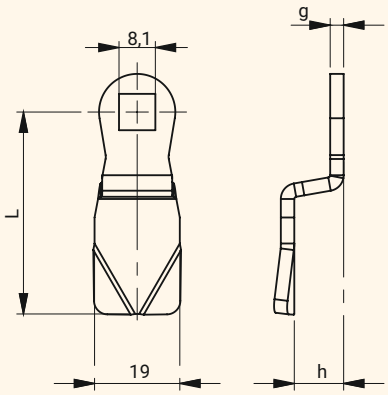


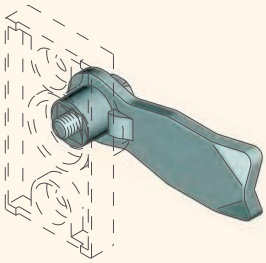
1-point cam with limiter

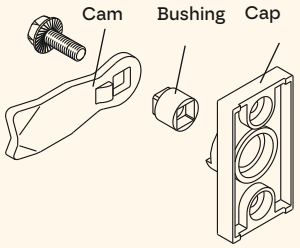




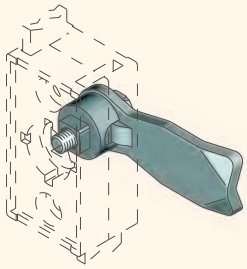
1-point cam without limiter

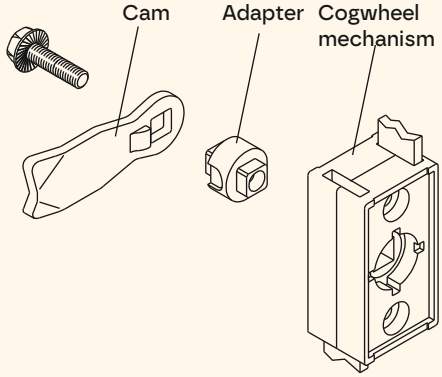






NOTE:
When ordering 1-point cam with limiter for Cap, you must order bushing, page. 1C-27





NOTE:
When ordering 1-point cam with limiter for Cogwheel mechanism, you must also order adapter, page 1C-27

How the tongue part numbers work.

The part number defines two elements:

1. The number of locking points
2. The stop dimension in mm.

1st digit = number of locking points
1 = single-point locking
3 = three-point locking

2nd and 3rd digit = stop dimension in mm. This value shows the **distance of the stop from the square spindle.**

Examples:

1. **100**
   1 = single-point locking
   00 = no stop
2. **160**
   1 = single-point locking
   60 = 6.0 mm stop
   Application: M22 quarter-turn
3. **175**
   1 = single-point locking
   75 = 7.5 mm stop
   Application: locking systems and M22 quarter-turn

1-point cam with limiter

STEEL ZINC PLATED

11

APPLICATION: LOCKING SYSTEM WITH CAP AND LOCKS M22

CAM RANGE [G]CAM RANGE [G]

H	CATALOGUE NO.	g*	h	L	GH:18 H	GH:19 H	GH:23 H	GH:28 H	GH:30 H	GH:38 H	GH:40 H	GH:50 H	GH:60 H
18	J-1751845	3	0	45	18	19	23	28	30	38	40	50	60
19	J-1751945	3	1	45	19	20	24	29	31	39	41	51	61
20	J-1752045	3	2	45	20	21	25	30	32	40	42	52	62
21	J-1752145	3	3	45	21	22	26	31	33	41	43	53	63
22	J-1752245	3	4	45	22	23	27	32	34	42	44	54	64
24	J-1752445	3	6	45	24	25	29	34	36	44	46	56	66
26	J-1752645	3	8	45	26	27	31	36	38	46	48	58	68
28	J-1752845	3	10	45	28	29	33	38	40	48	50	60	70
30	J-1753045	3	12	45	30	31	35	40	42	50	52	62	72
32	J-1753245	3	14	45	32	33	37	42	44	52	54	64	74
34	J-1753445	3	16	45	34	35	39	44	46	54	56	66	76
36	J-1753645	3	18	45	36	37	-	46	48	56	58	68	78
38	J-1753845	3	20	45	38	39	-	48	50	58	60	70	80
40	J-1754045	3	22	45	40	41	-	50	52	60	62	72	82
42	J-1754245	3	24	45	42	43	-	52	54	62	64	74	84
16	J-1751645	3	-2	45	16	17	-	26	28	36	38	48	58
14	J-1751445	3	-4	45	14	15	-	24	26	34	36	46	56
12	J-1751245	3	-6	45	12	13	-	22	24	32	34	44	54
10	J-1751045	3	-8	45	10	11	-	20	22	30	32	42	52
8	J-1750845	3	-10	45	8	9	-	18	20	28	30	40	50

12

APPLICATION: LOCKS M22

H	CATALOGUE NO.	g*	h	L	GH:18 H	GH:19 H	GH:23 H	GH:28 H	GH:30 H	GH:38 H	GH:40 H	GH:50 H	GH:60 H
18	**J-1601845**	3	0	45	18	19	23	28	30	38	40	50	60
19	**J-1601945**	3	1	45	19	20	24	29	31	39	41	51	61
20	**J-1602045**	3	2	45	20	21	25	30	32	40	42	52	62
21	**J-1602145**	3	3	45	21	22	26	31	33	41	43	53	63
22	**J-1602245**	3	4	45	22	23	27	32	34	42	44	54	64
24	**J-1602445**	3	6	45	24	25	29	34	36	44	46	56	66
26	**J-1602645**	3	8	45	26	27	31	36	38	46	48	58	68
28	**J-1602845**	3	10	45	28	29	33	38	40	48	50	60	70
30	**J-1603045**	3	12	45	30	31	35	40	42	50	52	62	72
32	**J-1603245**	3	14	45	32	33	37	42	44	52	54	64	74
34	**J-1603445**	3	16	45	34	35	39	44	46	54	56	66	76
36	**J-1603645**	3	18	45	36	37	-	46	48	56	58	68	78
38	**J-1603845**	3	20	45	38	39	-	48	50	58	60	70	80
40	**J-1604045**	3	22	45	40	41	-	50	52	60	62	72	82
42	**J-1604245**	3	24	45	42	43	-	52	54	62	64	74	84
16	**J-1601645**	3	-2	45	16	17	-	26	28	36	38	48	58
14	**J-1601445**	3	-4	45	14	15	-	24	26	34	36	46	56
12	**J-1601245**	3	-6	45	12	13	-	22	24	32	34	44	54
10	**J-1601045**	3	-8	45	10	11	-	20	22	30	32	42	52
8	**J-1600845**	3	-10	45	8	9	-	28	20	28	30	40	50

When ordering a custom cam, you should contact your dealer for more details .

1-point cam with limiter

STUV

STAINLESS STEEL

13

APPLICATION: LOCKING SYSTEM WITH CAP AND LOCKSM22

H	CATALOGUE NO.	g*	h	L	GH:18 H	GH:19 H	GH:23 H	GH:28 H	GH:30 H	GH:38 H	GH:40 H	GH:50 H	GH:60 H
CAM RANGE [G]													
18	J-1751845SN	3	0	45	18	19	23	28	30	38	40	50	60
19	J-1751945SN	3	1	45	19	20	24	29	31	39	41	51	61
20	J-1752045SN	3	2	45	20	21	25	30	32	40	42	52	62
21	J-1752145SN	3	3	45	21	22	26	31	33	41	43	53	63
22	J-1752245SN	3	4	45	22	23	27	32	34	42	44	54	64
24	J-1752445SN	3	6	45	24	25	29	34	36	44	46	56	66
26	J-1752645SN	3	8	45	26	27	31	36	38	46	48	58	68
28	J-1752845SN	3	10	45	28	29	33	38	40	48	50	60	70
30	J-1753045SN	3	12	45	30	31	35	40	42	50	52	62	72
32	J-1753245SN	3	14	45	32	33	37	42	44	52	54	64	74
34	J-1753445SN	3	16	45	34	35	39	44	46	54	56	66	76
36	J-1753645SN	3	18	45	36	37	-	46	48	56	58	68	78
38	J-1753845SN	3	20	45	38	39	-	48	50	58	60	70	80
40	J-1754045SN	3	22	45	40	41	-	50	52	60	62	72	82
42	J-1754245SN	3	24	45	42	43	-	52	54	62	64	74	84
16	J-1751645SN	3	-2	45	16	17	-	26	28	36	38	48	58
14	J-1751445SN	3	-4	45	14	15	-	24	26	34	36	46	56
12	J-1751245SN	3	-6	45	12	13	-	22	24	32	34	44	54
10	J-1751045SN	3	-8	45	10	11	-	20	22	30	32	42	52
8	J-1750845SN	3	-10	45	8	9	-	28	20	28	30	40	50

14

APPLICATION: LOCKS M22

H	CATALOGUE NO.	g*	h	L	GH:18 H	GH:19 H	GH:23 H	GH:28 H	GH:30 H	GH:38 H	GH:40 H	GH:50 H	GH:60 H
CAM RANGE [G]													
18	J-1601845SN	3	0	45	18	19	23	28	30	38	40	50	60
19	J-1601945SN	3	1	45	19	20	24	29	31	39	41	51	61
20	J-1602045SN	3	2	45	20	21	25	30	32	40	42	52	62
21	J-1602145SN	3	3	45	21	22	26	31	33	41	43	53	63
22	J-1602245SN	3	4	45	22	23	27	32	34	42	44	54	64
24	J-1602445SN	3	6	45	24	25	29	34	36	44	46	56	66
26	J-1602645SN	3	8	45	26	27	31	36	38	46	48	58	68
28	J-1602845SN	3	10	45	28	29	33	38	40	48	50	60	70
30	J-1603045SN	3	12	45	30	31	35	40	42	50	52	62	72
32	J-1603245SN	3	14	45	32	33	37	42	44	52	54	64	74
34	J-1603445SN	3	16	45	34	35	39	44	46	54	56	66	76
36	J-1603645SN	3	18	45	36	37	-	46	48	56	58	68	78
38	J-1603845SN	3	20	45	38	39	-	48	50	58	60	70	80
40	J-1604045SN	3	22	45	40	41	-	50	52	60	62	72	82
42	J-1604245SN	3	24	45	42	43	-	52	54	62	64	74	84
16	J-1601645SN	3	-2	45	16	17	-	26	28	36	38	48	58
14	J-1601445SN	3	-4	45	14	15	-	24	26	34	36	46	56
12	J-1601245SN	3	-6	45	12	13	-	22	24	32	34	44	54
10	J-1601045SN	3	-8	45	10	11	-	20	22	30	32	42	52
8	J-1600845SN	3	-10	45	8	9	-	28	20	28	30	40	50

When ordering a custom cam, you should contact your dealer for more details .

1-point cam without limiter

STEEL ZINC PLATED

15

[G]CAM RANGE [G]

H	CATALOGUE NO.	g*	h	L	GH:18 H	GH:22 H	GH:30 H	GH:40 H	GH:50 H	GH:60 H
18	J-1001845	3	0	45	18	22	30	40	50	60
19	J-1001945	3	1	45	19	23	31	41	51	61
20	J-1002045	3	2	45	20	24	32	42	52	62
21	J-1002145	3	3	45	21	25	33	43	53	63
22	J-1002245	3	4	45	22	26	34	44	54	64
24	J-1002445	3	6	45	24	28	36	46	56	66
26	J-1002645	3	8	45	26	30	38	48	58	68
28	J-1002845	3	10	45	28	32	40	50	60	70
30	J-1003045	3	12	45	30	34	42	52	62	72
32	J-1003245	3	14	45	32	36	44	54	64	74
34	J-1003445	3	16	45	34	38	46	56	66	76
36	J-1003645	3	18	45	36	40	48	58	68	78
38	J-1003845	3	20	45	38	42	50	60	70	80
40	J-1004045	3	22	45	40	44	52	62	72	82
42	J-1004245	3	24	45	42	46	54	64	74	84
16	J-1001645	3	-2	45	16	20	28	38	48	58
14	J-1001445	3	-4	45	14	18	26	36	46	56
12	J-1001245	3	-6	45	12	16	24	34	44	54
10	J-1001045	3	-8	45	10	14	22	32	42	52
8	J-1000845	3	-10	45	8	12	20	30	40	50
6	J-1000645	3	-12	45	6	10	18	28	38	48
4	J-1000445	3	-14	45	4	8	16	26	36	46

STAINLESS STEEL

16

CAM RANGE

H	CATALOGUE NO.	g*	h	L	GH:18 H	GH:22 H	GH:30 H	GH:40 H	GH:50 H	GH:60 H
18	J-1001845SN	3	0	45	18	22	30	40	50	60
19	J-1001945SN	3	1	45	19	23	31	41	51	61
20	J-1002045SN	3	2	45	20	24	32	42	52	62
21	J-1002145SN	3	3	45	21	25	33	43	53	63
22	J-1002245SN	3	4	45	22	26	34	44	54	64
24	J-1002445SN	3	6	45	24	28	36	46	56	66
26	J-1002645SN	3	8	45	26	30	38	48	58	68
28	J-1002845SN	3	10	45	28	32	40	50	60	70
30	J-1003045SN	3	12	45	30	34	42	52	62	72
32	J-1003245SN	3	14	45	32	36	44	54	64	74
34	J-1003445SN	3	16	45	34	38	46	56	66	76
36	J-1003645SN	3	18	45	36	40	48	58	68	78
38	J-1003845SN	3	20	45	38	42	50	60	70	80
40	J-1004045SN	3	22	45	40	44	52	62	72	82
42	J-1004245SN	3	24	45	42	46	54	64	74	84
16	J-1001645SN	3	-2	45	16	20	28	38	48	58
14	J-1001445SN	3	-4	45	14	18	26	36	46	56
12	J-1001245SN	3	-6	45	12	16	24	34	44	54
10	J-1001045SN	3	-8	45	10	14	22	32	42	52
8	J-1000845SN	3	-10	45	8	12	20	30	40	50
6	J-1000645SN	3	-12	45	6	10	18	28	38	48
4	J-1000445SN	3	-14	45	4	8	16	26	36	46

1-point cam with limiter

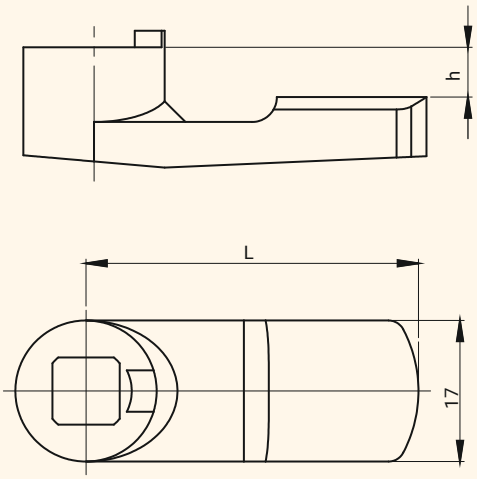
STEEL ZINC PLATED

17	APPLICATION: LOCKING SYSTEM WITH CAP AND LOCKS M22													
CAM RANGE [G]	H	CATALOGUE NO.	g*	h	L	GH:18 H	GH:19 H	GH:23 H	GH:28 H	GH:30 H	GH:38 H	GH:40 H	GH:50 H	GH:60 H
	18	J-1651845	3	0	45	18	19	23	28	30	38	40	50	60
	19	J-1651945	3	1	45	19	20	24	29	31	39	41	51	61
	20	J-1652045	3	2	45	20	21	25	30	32	40	42	52	62
	21	J-1652145	3	3	45	21	22	26	31	33	41	43	53	63
	22	J-1652245	3	4	45	22	23	27	32	34	42	44	54	64
	24	J-1652445	3	6	45	24	25	29	34	36	44	46	56	66
	26	J-1652645	3	8	45	26	27	31	36	38	46	48	58	68
	28	J-1652845	3	10	45	28	29	33	38	40	48	50	60	70
	30	J-1653045	3	12	45	30	31	35	40	42	50	52	62	72
	32	J-1653245	3	14	45	32	33	37	42	44	52	54	64	74
	34	J-1653445	3	16	45	34	35	39	44	46	54	56	66	76
	36	J-1653645	3	18	45	36	37	-	46	48	56	58	68	78
	38	J-1653845	3	20	45	38	39	-	48	50	58	60	70	80
	40	J-1654045	3	22	45	40	41	-	50	52	60	62	72	82
	42	J-1654245	3	24	45	42	43	-	52	54	62	64	74	84
	16	J-1651645	3	-2	45	16	17	-	26	28	36	38	48	58
	14	J-1651445	3	-4	45	14	15	-	24	26	34	36	46	56
	12	J-1651245	3	-6	45	12	13		22	24	32	34	44	54
	10	J-1651045	3	-8	45	10	11	-	20	22	30	32	42	52
	8	J-1650845	3	-10	45	8	9	-	28	20	28	30	40	50

STAINLESS STEEL

17A	APPLICATION: LOCKS M22													
CAM RANGE[G]	H	CATALOGUE NO.	g*	h	L	GH:18 H	GH:19 H	GH:23 H	GH:28 H	GH:30 H	GH:38 H	GH:40 H	GH:50 H	GH:60 H
	18	J-1651845SN	3	0	45	18	19	23	28	30	38	40	50	60
	19	J-1651945SN	3	1	45	19	20	24	29	31	39	41	51	61
	20	J-1652045SN	3	2	45	20	21	25	30	32	40	42	52	62
	21	J-1652145SN	3	3	45	21	22	26	31	33	41	43	53	63
	22	J-1652245SN	3	4	45	22	23	27	32	34	42	44	54	64
	24	J-1652445SN	3	6	45	24	25	29	34	36	44	46	56	66
	26	J-1652645SN	3	8	45	26	27	31	36	38	46	48	58	68
	28	J-1652845SN	3	10	45	28	29	33	38	40	48	50	60	70
	30	J-1653045SN	3	12	45	30	31	35	40	42	50	52	62	72
	32	J-1653245SN	3	14	45	32	33	37	42	44	52	54	64	74
	34	J-1653445SN	3	16	45	34	35	39	44	46	54	56	66	76
	36	J-1653645SN	3	18	45	36	37	-	46	48	56	58	68	78
	38	J-1653845SN	3	20	45	38	39	-	48	50	58	60	70	80
	40	J-1654045SN	3	22	45	40	41	-	50	52	60	62	72	82
	42	J-1654245SN	3	24	45	42	43	-	52	54	62	64	74	84
	16	J-1651645SN	3	-2	45	16	17	-	26	28	36	38	48	58
	14	J-1651445SN	3	-4	45	14	15	-	24	26	34	36	46	56
	12	J-1651245SN	3	-6	45	12	13	-	22	24	32	34	44	54
	10	J-1651045SN	3	-8	45	10	11	-	20	22	30	32	42	52
	8	J-1650845SN	3	-10	45	8	9	-	28	20	28	30	40	50

Plastic cam JP, JP2

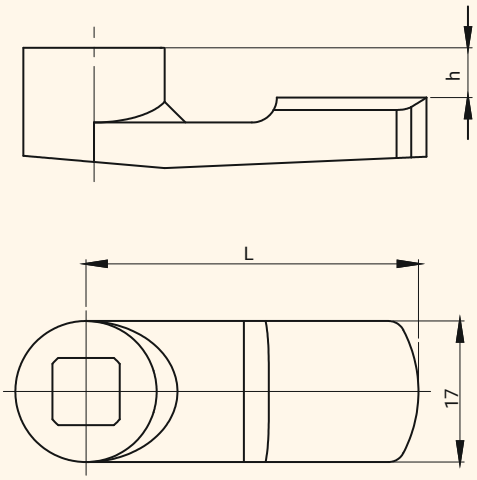




18 CAM WITH LIMITER

CAM RANGE [G]

H	CATALOGUE NO.	h	L	GH:18 H	GH:30 H	GH:40 H	GH:50 H	GH:60 H
18P	**JP2-10018**	0	40	18	30	40	50	60
21P	**JP2-10021**	3	40	21	33	43	53	63
24P	**JP2-10024**	6	40	24	36	46	56	66





19 CAM WITHOUT LIMITER

CAM RANGE [G]

H	CATALOGUE NO.	h	L	GH:18 H	GH:30 H	GH:40 H	GH:50 H	GH:60 H
18P	**JP-10018**	0	40	18	30	40	50	60
21P	**JP-10021**	3	40	21	33	43	53	63
24P	**JP-10024**	6	40	24	36	46	56	66
29P	**JP-10029**	11	40	29	41	51	61	71

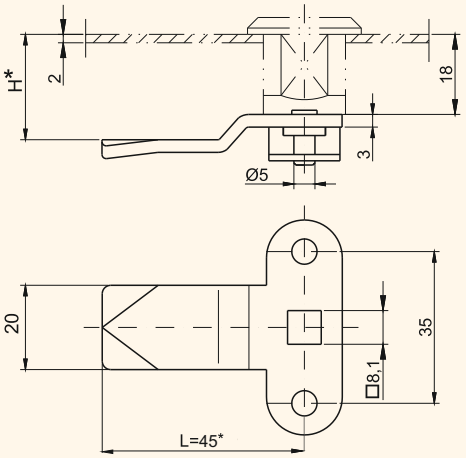
2-point cam, 3-point cam without limiter

stainless steel

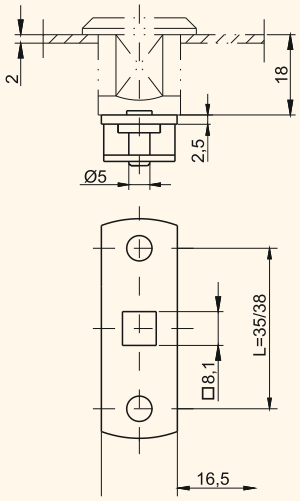


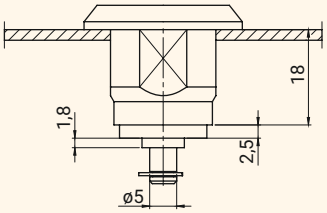


3-point CAM
(without limiter with ***protective element***)



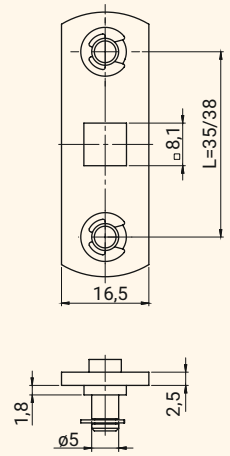
2-point CAM
(with **protective element**)



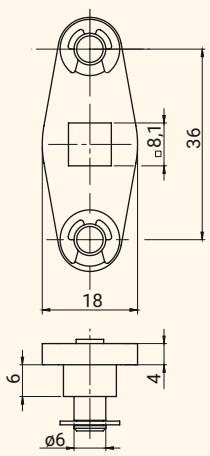


2-point CAM
(*with* **Cir Clips ver. 1, ver. 2, ver. 3**)

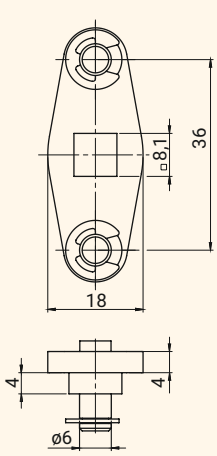
ver. 1



ver. 2



ver. 3

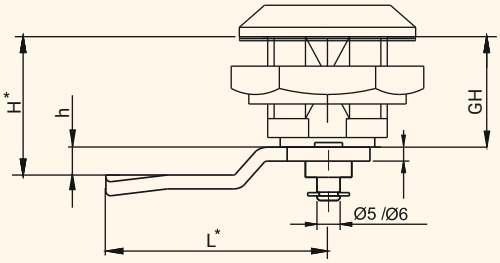


CAM RANGE [G]	CATALOGUE NO. STEEL ZINC PLATED	CATALOGUE NO. STAINLESS STEEL	NAME	DIMENSIONS H [MM]	MATERIAL
21	**JB-30018**	JB-30018SN	3-point Cam without limiter with protective element	18	Steel zinc plated or stainless steel
	JB-30021	JB-30021SN		21	
	JB-30024	JB-30024SN		24	
	JB-30029	JB-30029SN		29	
	JB-20018/35	JB-20018/35SN	2-point Cam with protective element	18L=35	Steel zinc plated or stainless steel
	JB-20018/38	JB-20018/38SN		18L=38	
	J-20018/35	J-20018/35SN	2-point Cam with Cir Clips ver. 1	18L=35	Steel zinc plated or stainless steel
	J-20018/38	J-20018/38SN		18L=38	
	J-20018/36	J-20018/36SN	2-point Cam with Cir Clips ver. 2	18L=36	Steel zinc plated or stainless steel
	JA-20018/36	JA-20018/36SN	2-point Cam with Cir Clips ver.3	18L=36	

• *dimension negotiable

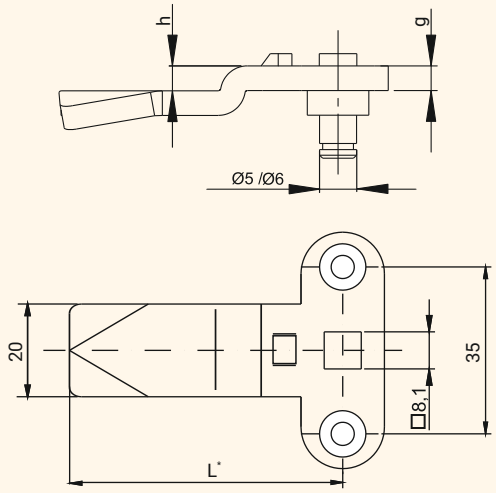
NOTE:
When ordering 2-point Cams with dimension between pins 35 mm you must add /35 e.g. (JB-20018/35 or J-20018/35).

3-point cam



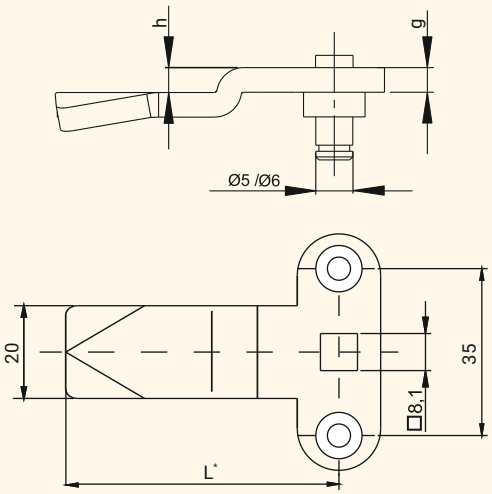
GH - height body
H - height locking
h - height cam
L - lenght cam
g - thickness cam

3-point CAM with limiter





3-point CAM without limiter





3-point cam with limiter

STUV

STEEL ZINC PLATED

31

APPLICATION: LOCKING SYSTEM WITH CAP AND LOCKS M22

H	CATALOGUE NO.	g*	h	L	GH:18 H	GH:19 H	GH:23 H	GH:28 H	GH:30 H	GH:38 H	GH:40 H	GH:50 H	GH:60 H
18	J-3751845	3	0	45	18	19	23	28	30	38	40	50	60
19	J-3751945	3	1	45	19	20	24	29	31	39	41	51	61
20	J-3752045	3	2	45	20	21	25	30	32	40	42	52	62
21	J-3752145	3	3	45	21	22	26	31	33	41	43	53	63
22	J-3752245	3	4	45	22	23	27	32	34	42	44	54	64
24	J-3752445	3	6	45	24	25	29	34	36	44	46	56	66
26	J-3752645	3	8	45	26	27	31	36	38	46	48	58	68
28	J-3752845	3	10	45	28	29	33	38	40	48	50	60	70
30	J-3753045	3	12	45	30	31	35	40	42	50	52	62	72
32	J-3753245	3	14	45	32	33	37	42	44	52	54	64	74
34	J-3753445	3	16	45	34	35	39	44	46	54	56	66	76
36	J-3753645	3	18	45	36	37	-	46	48	56	58	68	78
38	J-3753845	3	20	45	38	39	-	48	50	58	60	70	80
40	J-3754045	3	22	45	40	41	-	50	52	60	62	72	82
42	J-3754245	3	24	45	42	43	-	52	54	62	64	74	84
16	J-3751645	3	-2	45	16	17	-	26	28	36	38	48	58
14	J-3751445	3	-4	45	14	15	-	24	26	34	36	46	56
12	J-3751245	3	-6	45	12	13	-	22	24	32	34	44	54
10	J-3751045	3	-8	45	10	11	-	20	22	30	32	42	52

CAM RANGE [G]

32

APPLICATION: LOCKS M22

H	CATALOGUE NO.	g*	h	L	GH:18 H	GH:19 H	GH:23 H	GH:28 H	GH:30 H	GH:38 H	GH:40 H	GH:50 H	GH:60 H
18	J-3601845	3	0	45	18	19	23	28	30	38	40	50	60
19	J-3601945	3	1	45	19	20	24	29	31	39	41	51	61
20	J-3602045	3	2	45	20	21	25	30	32	40	42	52	62
21	J-3602145	3	3	45	21	22	26	31	33	41	43	53	63
22	J-3602245	3	4	45	22	23	27	32	34	42	44	54	64
24	J-3602445	3	6	45	24	25	29	34	36	44	46	56	66
26	J-3602645	3	8	45	26	27	31	36	38	46	48	58	68
28	J-3602845	3	10	45	28	29	33	38	40	48	50	60	70
30	J-3603045	3	12	45	30	31	35	40	42	50	52	62	72
32	J-3603245	3	14	45	32	33	37	42	44	52	54	64	74
34	J-3603445	3	16	45	34	35	39	44	46	54	56	66	76
36	J-3603645	3	18	45	36	37	-	46	48	56	58	68	78
38	J-3603845	3	20	45	38	39	-	48	50	58	60	70	80
40	J-3604045	3	22	45	40	41	-	50	52	60	62	72	82
42	J-3604245	3	24	45	42	43	-	52	54	62	64	74	84
16	J-3601645	3	-2	45	16	17	-	26	28	36	38	48	58
14	J-3601445	3	-4	45	14	15	-	24	26	34	36	46	56
12	J-3601245	3	-6	45	12	13	-	22	24	32	34	44	54
10	J-3601045	3	-8	45	10	11	-	20	22	30	32	42	52

CAM RANGE [G]

When ordering a custom cam, you should contact your dealer for more details ..

STAINLESS STEEL

33

APPLICATION: LOCKING SYSTEM WITH CAP AND LOCKS M22

CAM RANGE [G]

H	CATALOGUE NO.	g*	h	L	GH:18 H	GH:19 H	GH:23 H	GH:28 H	GH:30 H	GH:38 H	GH:40 H	GH:50 H	GH:60 H
18	J-3751845SN	3	0	45	18	19	23	28	30	38	40	50	60
19	J-3751945SN	3	1	45	19	20	24	29	31	39	41	51	61
20	J-3752045SN	3	2	45	20	21	25	30	32	40	42	52	62
21	J-3752145SN	3	3	45	21	22	26	31	33	41	43	53	63
22	J-3752245SN	3	4	45	22	23	27	32	34	42	44	54	64
24	J-3752445SN	3	6	45	24	25	29	34	36	44	46	56	66
26	J-3752645SN	3	8	45	26	27	31	36	38	46	48	58	68
28	J-3752845SN	3	10	45	28	29	33	38	40	48	50	60	70
30	J-3753045SN	3	12	45	30	31	35	40	42	50	52	62	72
32	J-3753245SN	3	14	45	32	33	37	42	44	52	54	64	74
34	J-3753445SN	3	16	45	34	35	39	44	46	54	56	66	76
36	J-3753645SN	3	18	45	36	37		46	48	56	58	68	78
38	J-3753845SN	3	20	45	38	39	-	48	50	58	60	70	80
40	J-3754045SN	3	22	45	40	41	-	50	52	60	62	72	82
42	J-3754245SN	3	24	45	42	43	-	52	54	62	64	74	84
16	J-3751645SN	3	-2	45	16	17	-	26	28	36	38	48	58
14	J-3751445SN	3	-4	45	14	15	-	24	26	34	36	46	56
12	J-3751245SN	3	-6	45	12	13	-	22	24	32	34	44	54
10	J-3751045SN	3	-8	45	10	11	-	20	22	30	32	42	52
8	J-3750845SN	3	-10	45	8	9	-	28	20	28	30	40	50

34

APPLICATION: LOCKS M22

CAM RANGE [G]

H	CATALOGUE NO.	g*	h	L	GH:18 H	GH:19 H	GH:23 H	GH:28 H	GH:30 H	GH:38 H	GH:40 H	GH:50 H	GH:60 H
18	J-3601845SN	3	0	45	18	19	23	28	30	38	40	50	60
19	J-3601945SN	3	1	45	19	20	24	29	31	39	41	51	61
20	J-3602045SN	3	2	45	20	21	25	30	32	40	42	52	62
21	J-3602145SN	3	3	45	21	22	26	31	33	41	43	53	63
22	J-3602245SN	3	4	45	22	23	27	32	34	42	44	54	64
24	J-3602445SN	3	6	45	24	25	29	34	36	44	46	56	66
26	J-3602645SN	3	8	45	26	27	31	36	38	46	48	58	68
28	J-3602845SN	3	10	45	28	29	33	38	40	48	50	60	70
30	J-3603045SN	3	12	45	30	31	35	40	42	50	52	62	72
32	J-3603245SN	3	14	45	32	33	37	42	44	52	54	64	74
34	J-3603445SN	3	16	45	34	35	39	44	46	54	56	66	76
36	J-3603645SN	3	18	45	36	37	-	46	48	56	58	68	78
38	J-3603845SN	3	20	45	38	39	-	48	50	58	60	70	80
40	J-3604045SN	3	22	45	40	41	-	50	52	60	62	72	82
42	J-3604245SN	3	24	45	42	43	-	52	54	62	64	74	84
16	J-3601645SN	3	-2	45	16	17		26	28	36	38	48	58
14	J-3601445SN	3	-4	45	14	15	-	24	26	34	36	46	56
12	J-3601245SN	3	-6	45	12	13	-	22	24	32	34	44	54
10	J-3601045SN	3	-8	45	10	11	-	20	22	30	32	42	52
8	J-3600845SN	3	-10	45	8	9	-	28	20	28	30	40	50

When ordering a custom cam, you should contact your dealer for more details.

3-point cam without limiter

STUV

STAINLESS STEEL

35

CAM RANGE [G]

H	CATALOGUE NO.	g*	h	L	GH:18 H	GH:22 H	GH:30 H	GH:40 H	GH:50 H	GH:60 H
18	J-3001845	3	0	45	18	22	30	40	50	60
19	J-3001945	3	1	45	19	23	31	41	51	61
20	J-3002045	3	2	45	20	24	32	42	52	62
21	J-3002145	3	3	45	21	25	33	43	53	63
22	J-3002245	3	4	45	22	26	34	44	54	64
24	J-3002445	3	6	45	24	28	36	46	56	66
26	J-3002645	3	8	45	26	30	38	48	58	68
28	J-3002845	3	10	45	28	32	40	50	60	70
30	J-3003045	3	12	45	30	34	42	52	62	72
32	J-3003245	3	14	45	32	36	44	54	64	74
34	J-3003445	3	16	45	34	38	46	56	66	76
36	J-3003645	3	18	45	36	40	48	58	68	78
38	J-3003845	3	20	45	38	42	50	60	70	80
40	J-3004045	3	22	45	40	44	52	62	72	82
42	J-3004245	3	24	45	42	46	54	64	74	84
16	J-3001645	3	-2	45	16	20	28	38	48	58
14	J-3001445	3	-4	45	14	18	26	36	46	56
12	J-3001245	3	-6	45	12	16	24	34	44	54
10	J-3001045	3	-8	45	10	14	22	32	42	52
8	J-3000845	3	-10	45	8	12	20	30	40	50

STAINLESS STEEL

36

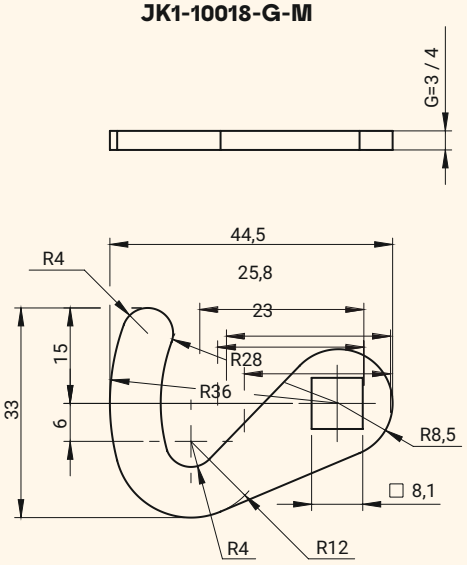
CAM RANGE [G]

H	CATALOGUE NO.	g*	h	L	GH:18 H	GH:22 H	GH:30 H	GH:40 H	GH:50 H	GH:60 H
18	J-3001845SN	3	0	45	18	22	30	40	50	60
19	J-3001945SN	3	1	45	19	23	31	41	51	61
20	J-3002045SN	3	2	45	20	24	32	42	52	62
21	J-3002145SN	3	3	45	21	25	33	43	53	63
22	J-3002245SN	3	4	45	22	26	34	44	54	64
24	J-3002445SN	3	6	45	24	28	36	46	56	66
26	J-3002645SN	3	8	45	26	30	38	48	58	68
28	J-3002845SN	3	10	45	28	32	40	50	60	70
30	J-3003045SN	3	12	45	30	34	42	52	62	72
32	J-3003245SN	3	14	45	32	36	44	54	64	74
34	J-3003445SN	3	16	45	34	38	46	56	66	76
36	J-3003645SN	3	18	45	36	40	48	58	68	78
38	J-3003845SN	3	20	45	38	42	50	60	70	80
40	J-3004045SN	3	22	45	40	44	52	62	72	82
42	J-3004245SN	3	24	45	42	46	54	64	74	84
16	J-3001645SN	3	-2	45	16	20	28	38	48	58
14	J-3001445SN	3	-4	45	14	18	26	36	46	56
12	J-3001245SN	3	-6	45	12	16	24	34	44	54
10	J-3001045SN	3	-8	45	10	14	22	32	42	52
8	J-3000845SN	3	-10	45	8	12	20	30	40	50

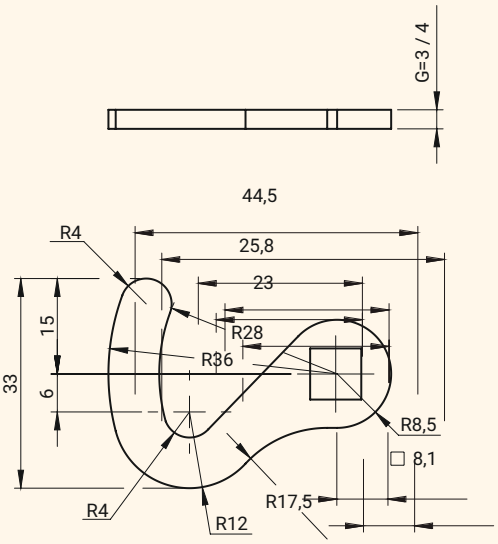
1-point cam JK1, JK2

1-point hook cam TYPE JK

JK1-10018-G-M

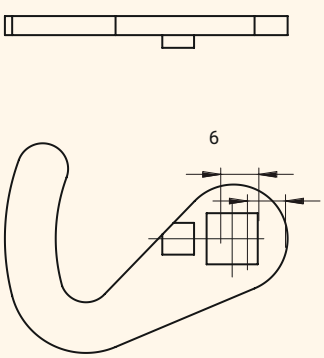


JK2-10018-G-M

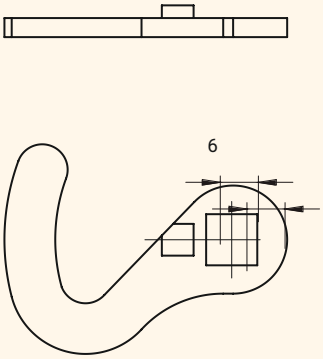




JK1-16018-G-L-M



JK2-16018-G-P-M



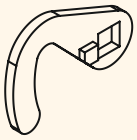




JK1 Left



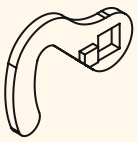
JK1 Right



JK2 Left



JK2 Right



CATALOGUE NO.		DESCRIPTION	MATERIAL
JK1-10018-G-M	**JK2-10018-G-M**	Cam no limiter	ST - steel zinc plated SN - stainless steel
JK1-16018-G-L-M	**JK2-16018-G-L-M**	Left cam with limiter	
JK1-16018-G-P-M	**JK2-16018-G-P-M**	Right cam with limiter	

How to order :

JK1-10018 — G — KZL — ST

Catalogue no.

Thickness cam G=3, 4

Closing direction L-left (KZL), P-right (KZP)
(Only for cam with limiter)

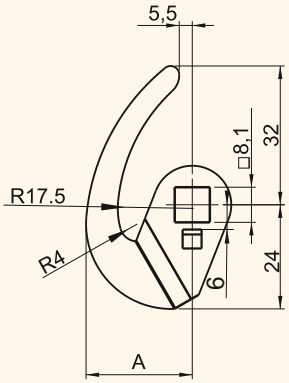
Material version (ST, SN)

1-point cam J-6000, JK-1610.01

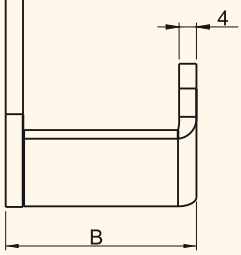
stainless steel

1-point cam without limiter
TYP J-6000





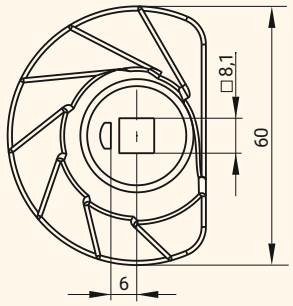
1-point cam with limiter
TYP J-6000

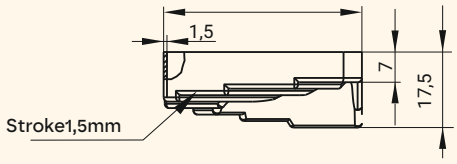


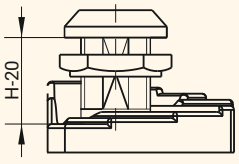


1-point cam ~~stepped~~
TYP JK-1610.01









Dimension H 18mm: 20, 18.5, 17, 15.5, 14, 12.5, 11, 9.5
Cam works with housing 18, 30, 60

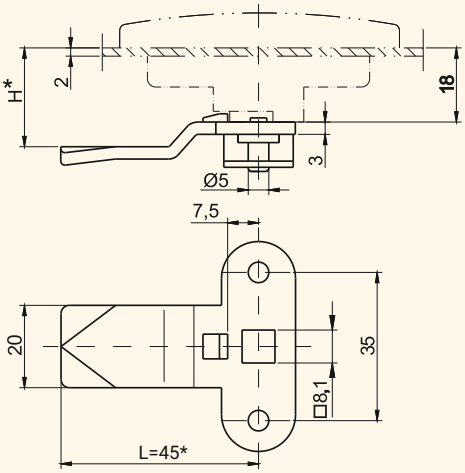
CATALOGUE NO.		NAME	DIMENSION [MM]		
STEEL	STAINLESS STEEL		H	A	B
J-6000.01	J-6000.01SN	1-point cam hook without limiter	22	26	26
J-6000.02	J-6000.02SN		40	24,5	44
J-6000.03	J-6000.03SN	1-point cam hook with limiter	22	26	26
J-6000.04	J-6000.04SN		40	24,5	44
JK-1610.01		1-point cam stepped			

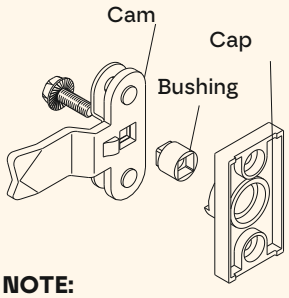
• *dimensions negotiable

3-point cam with limiter
JA, JB, JBN

stainless steel

3-point CAM.
(with limiter and **protective element for Cap**)

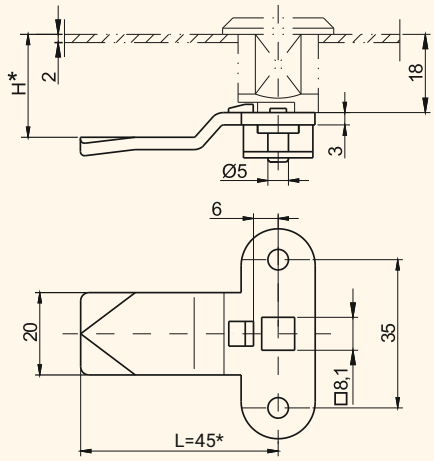




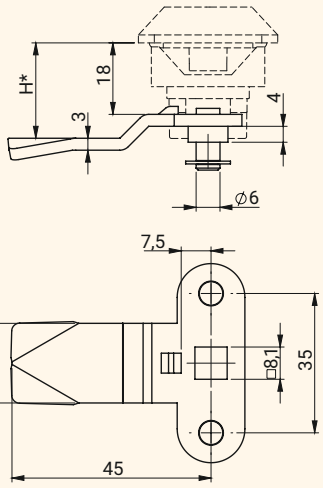


NOTE:
When ordering 3-point cam with limiter for cap, you must order bushing, page 1C-27.

3-point CAM.
(with limiter and **protective element**)



3-point CAM.
(with limiter)



CATALOGUE NO.		NAME	DIMENSION H [MM]	MATERIAL
SEEL ZINC PLATED	STAINLESS STEEL			
JBN-37518	JBN-37518SN	3-point cam with limiter and protective element used with cap, pager 1C-9	18	Steel zinc plated or Stainless Steel
JBN-37521	JBN-37521SN		21	
JBN-37524	JBN-37524SN		24	
JBN-37529	JBN-37529SN		29	
JB-37518	JB-37518SN	3-point cam with limiter and protective element	18	Steel zinc plated or Stainless Steel
JB-37521	JB-37521SN		21	
JB-37524	JB-37524SN		24	
JB-37529	JB-37529SN		29	
JA-3751845	JB-3751845SN	3-point cam with limiter	18	Steel zinc plated or Stainless Steel
JA-3752145	JB-3752145SN		21	
JA-3752445	JB-3752445SN		24	
JA-3752945	JB-3752945SN		29	

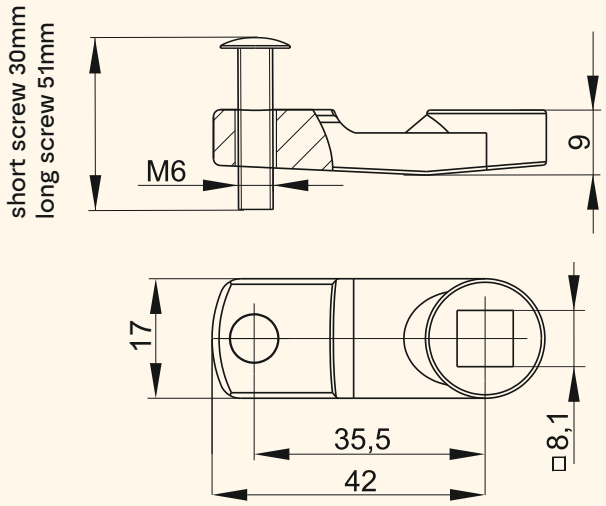
• *dimension negotiable - extra charge

38 CAM RANGE [G]

1-point cam JZ

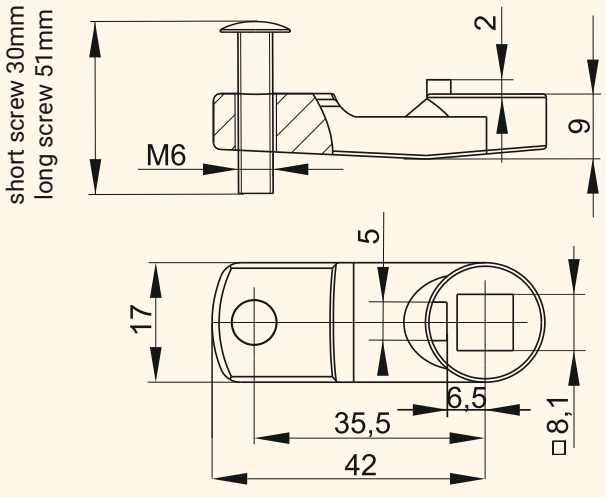
1-point CAM JZ
(without limiter)





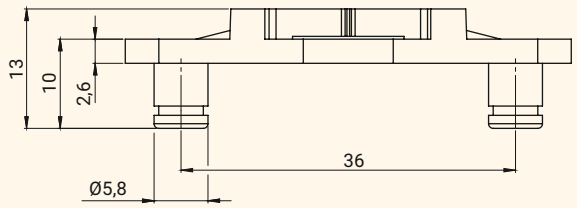
1-point CAM JZ
(with limiter)



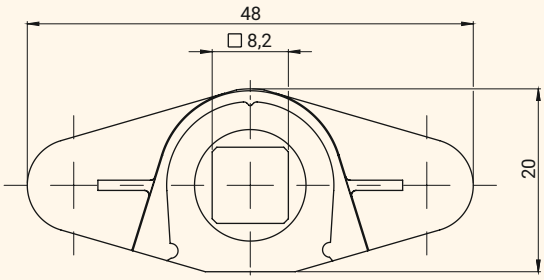


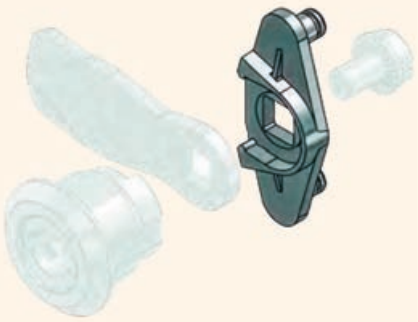
CATALOGUE NO.	NAME	MATERIAL
JZ-001	1-point CAM JZ without limited	Zamak - RAL 9005, zinc plated, chrome
JZ-002	1-point CAM JZ with limited	Zamak - RAL 9005, zinc plated, chrome

Cam adapter JC-20018/36
Cam ZAMAK JZN-10027/30



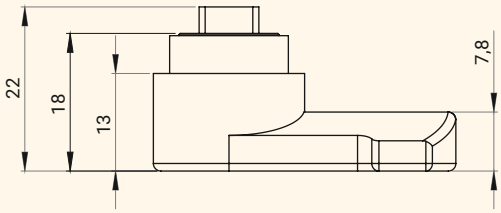


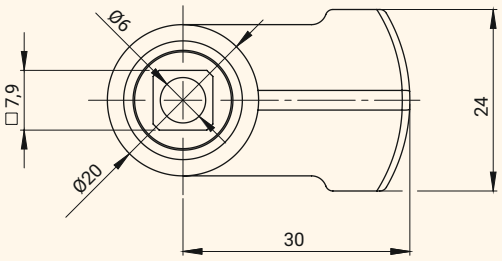


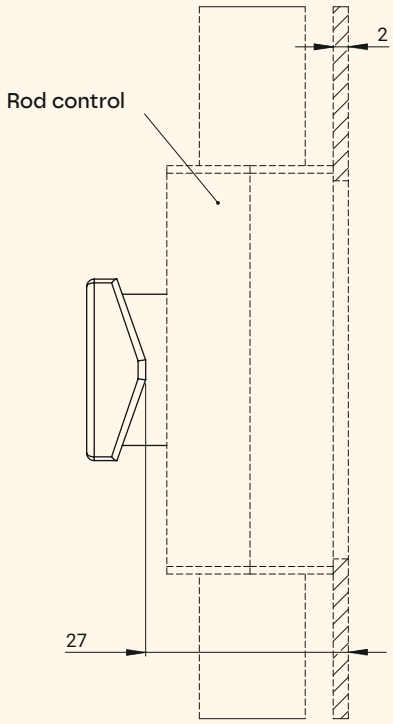


Cam adapter JC-20018/36 is fitted with the rod 1C.904.051.
and group of cams 1-point no. 11, 12, 13, 14, 15, 16 i 17 (pg. 1C-10 - 1C-13)

CATALOGUE NO.	DETAIL	MATERIAL
JC-20018/36	Cam adapter	ZAMAK 5, zinc plated







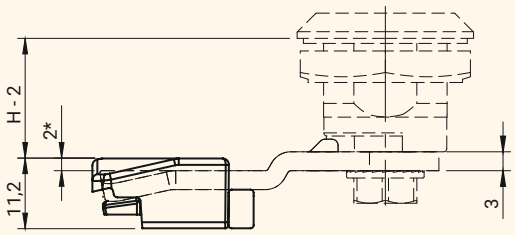


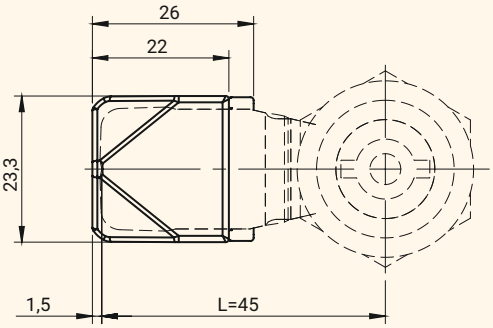
Adapter fitted with rod control.
(pg.: 1C-28 - 1C-33)

CATALOGUE NO.	DETAIL	MATERIAL
JZN-10027/30	Cam	ZAMAK, zinc plated

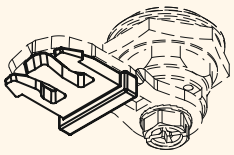
Sliding End Cap 1C.920.001



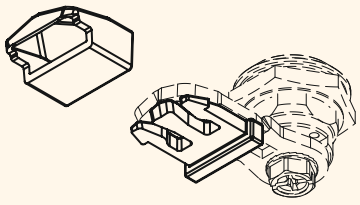




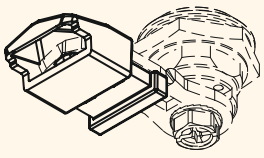
1. Place the clip at the bottom end of the cam



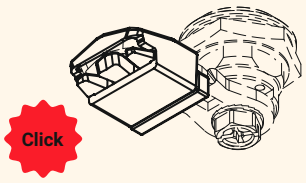
2. Slide the cap onto the clip



3. Holding the clip and the cam slide the cap on completely



4. The cap will eventually slide into place, signaled by a distinct click



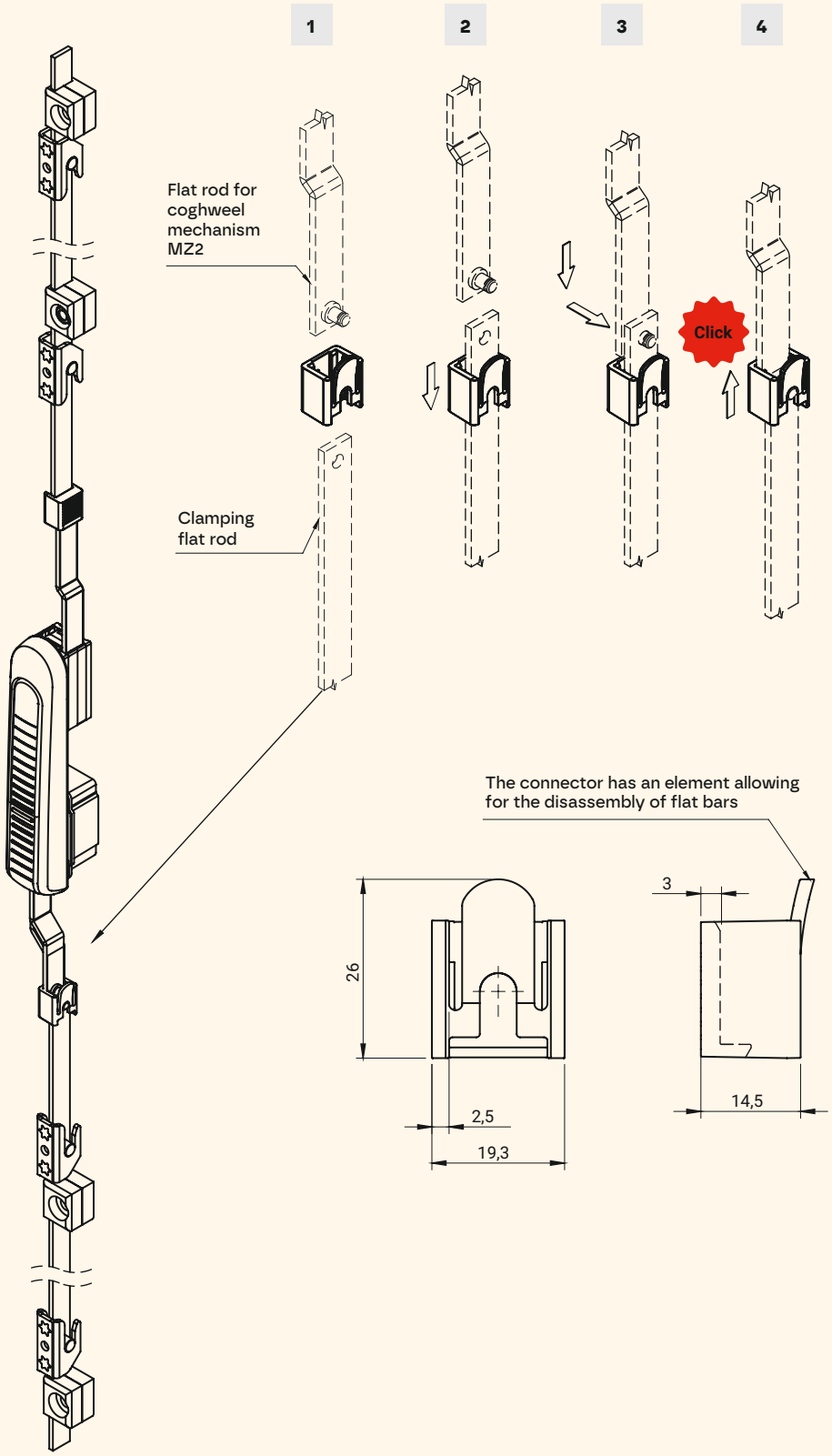
* The addition of the Sliding End Cap decreases the functioning height H by 2mm.
- Good material properties ensure less friction on contact.
- The use of the Sliding End Cap prevents metal-on-metal contact which increases the safety of electrical and electronic components inside the cabinet.

Sliding End Cap 1C.920.001 is compatible with cams:
J-175.20.45, J-175.23.45, J-175.26.45, J-175.29.45,

CATALOGUE NO.	MATERIAL
1C.920.001	Natural
	POM

Quick Assembly Fastener 1C.921.001





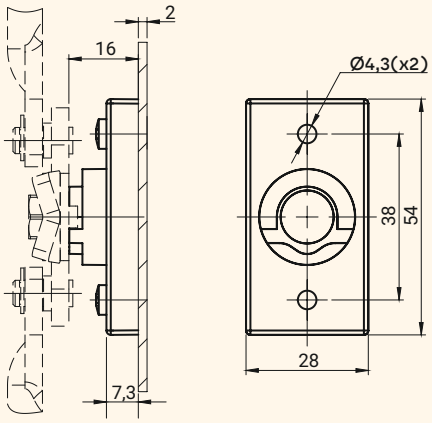
Connector 1C.921.001 works with:
- flat bars with rollers: A20, A25 page 1C-34,
- flat clamping bars on the round hole P: ver. A, ver. B, ver. C, ver. D pg. 1C-36 - 1C-40

CATALOGUE NO.	MATERIAL
1C.921.001	Polyadmide PA6 GF30

Cap 1C.902, bushing 1C.901, adapter 1C.903

CAP 1C.902.001



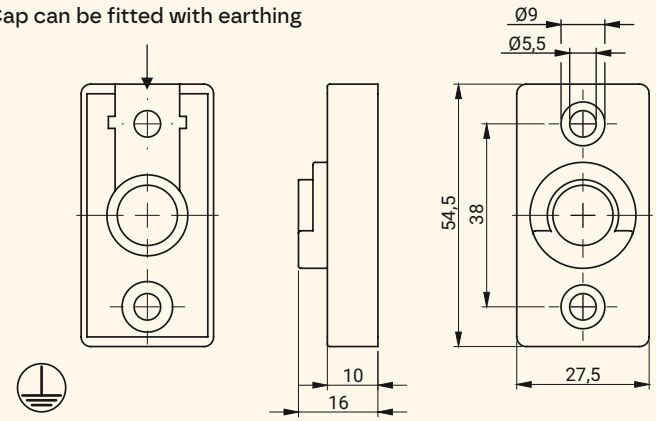




CAP 1C.902.003



Cap can be fitted with earthing

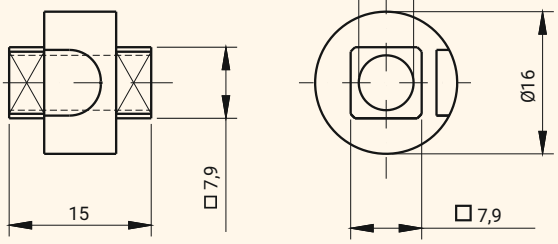




ADAPTER 1C.903.001

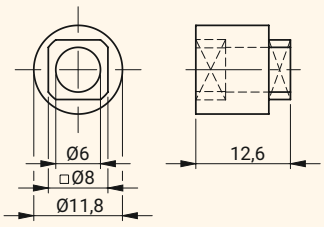




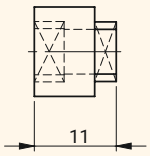


BUSHING

1C.901.001

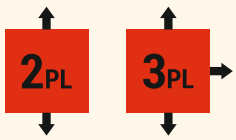


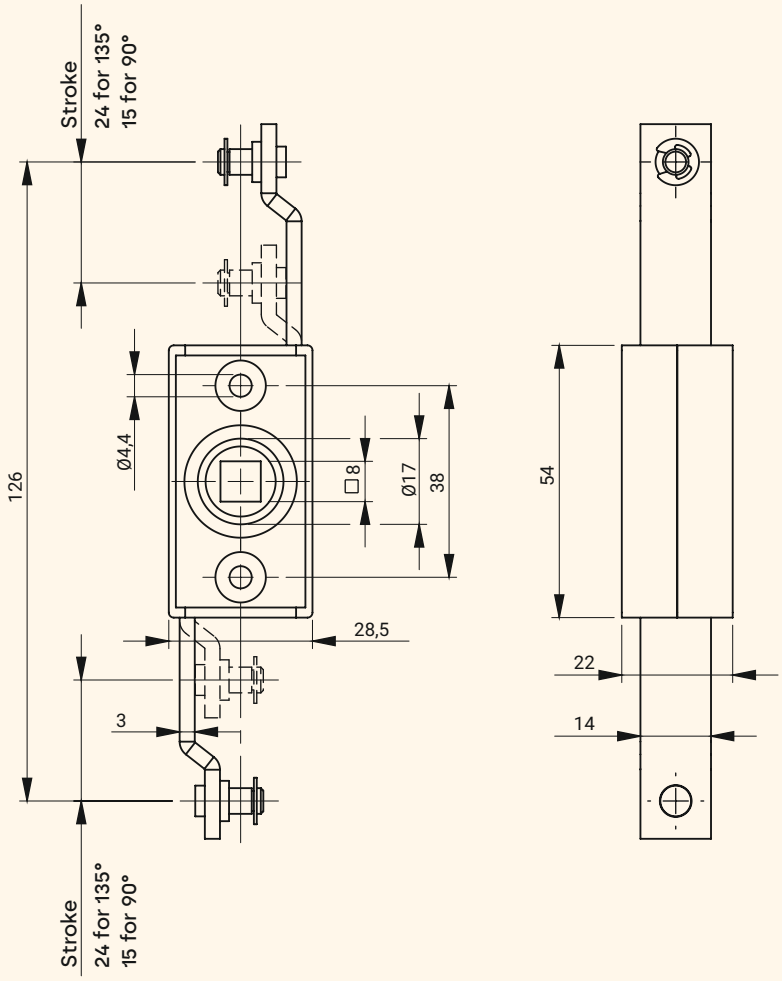
1C.901.005



CAT. NUMBER	NAME	MATERIAL
1C.901.001	Bushing for doors at thickness 2,5mm	ZAMAK 5
1C.901.001SN	Bushing for doors at thickness 2,5mm	Stainless steel
1C.901.005	Bushing for doors at thickness 1,5mm	ZAMAK 5
1C.901.005SN	Bushing for doors at thickness 1,5mm	Stainless steel
1C.902.001	Cap	ZAMAK 5
1C.902.001SN	Cap	Stainless steel
1C.902.003	Cap PA	Polyamide
1C.903.001	Adapter	ZAMAK 5
1C.903.001SN	Adapter	Stainless steel

Cogwheel mechanism MZ1

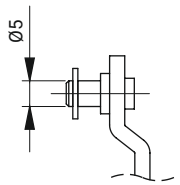
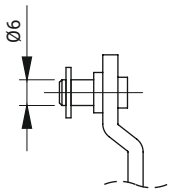
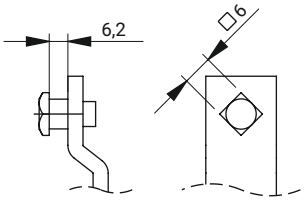
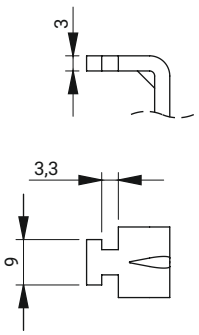




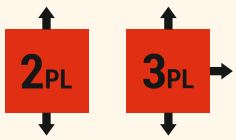


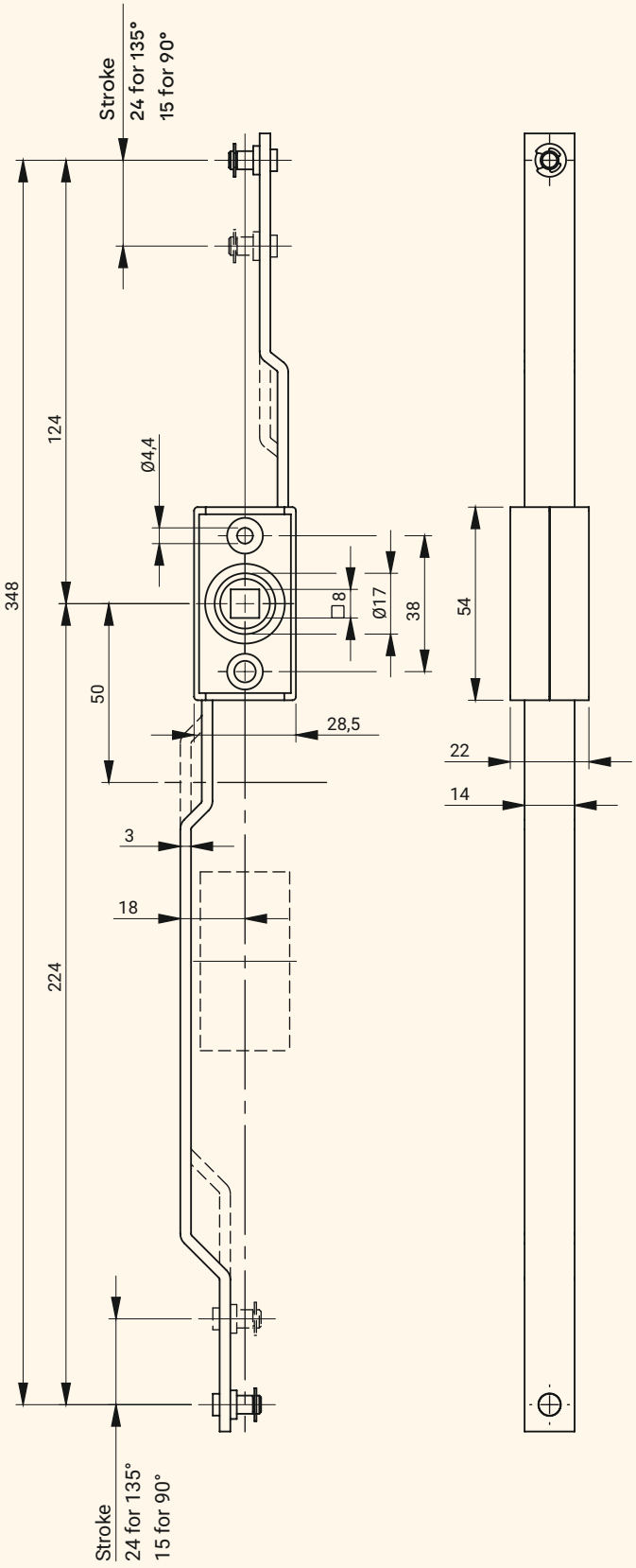
NOTE:
When ordering cogwheel mechanism MZ1K or MZ1P you must order flat rod with correct hole

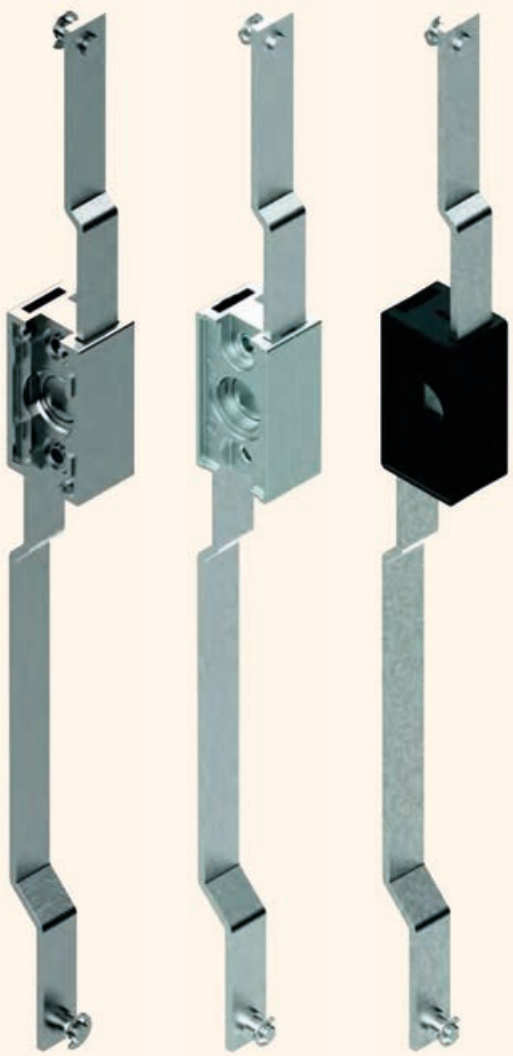
Cogweel mechanism MZ1

VERSION		CATALOGUE NO.	COMPONENTS	
			HOUSING	FLAT RODS
MZ1K		MZ1		Steel zink plated
		MZ1-PA	Polyamide PA6	
		MZ1-PA-SN		Stainless steel
		MZ1-SN	Stainless steel	
MZ1		MZ1-6		Steel zink plated
		MZ1-6-PA	Polyamide PA6	
		MZ1-6-PA-SN		Stainless steel
		MZ1-6-SN	Stainless steel	
MZ1-6		MZ1K		Steel zink plated
		MZ1K-PA	Polyamide PA6	
		MZ1K-PA-SN		Stainless steel
		MZ1K-SN	Stainless steel	
MZ1 P		MZ1P		Steel zink plated
		MZ1P-PA	Polyamide PA6	
		MZ1P-PA-SN		Stainless steel
		MZ1P-SN	Stainless steel	

Cogweel mechanism MZ2

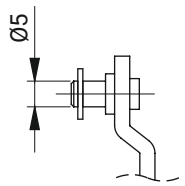
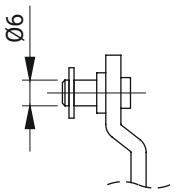
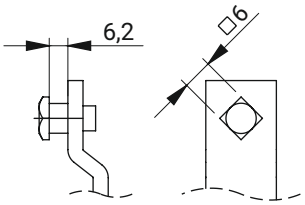
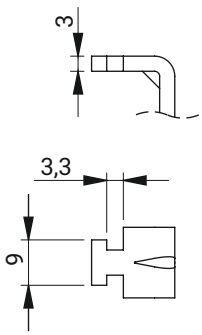




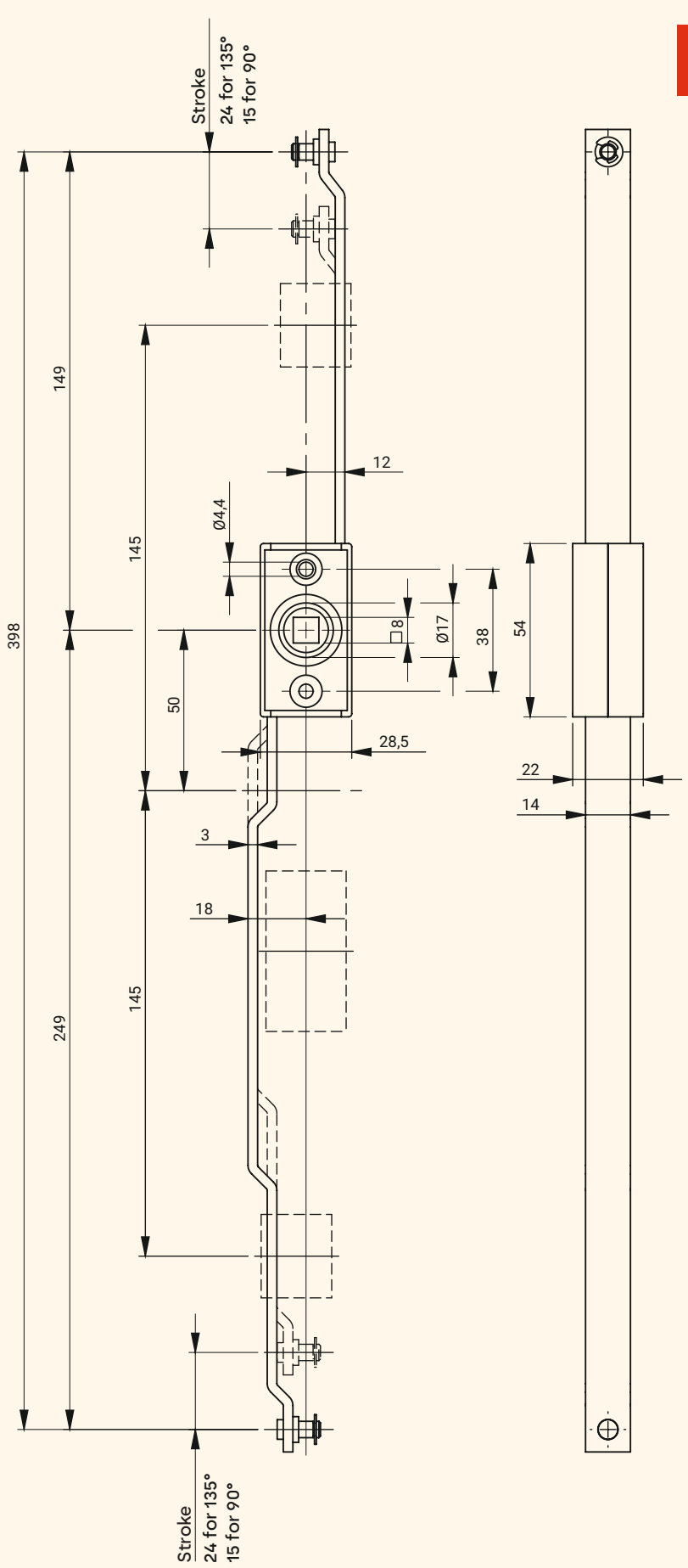


NOTE:
When ordering cogwheel mechanism MZ2K or MZ2P you must order flat rod with correct hole

Cogweel mechanism MZ2

VERSION		CATALOGUE NO.	COMPONENTS	
			HOUSING	FLAT RODS
MZ2		MZ2	ZAMAK 5	Steel zink plated
		MZ2-PA	Polyamide PA6	
		MZ2-PA-SN		Stainless steel
		MZ2-SN	Stainless steel	
MZ2 -6		MZ2-6	ZAMAK 5	Steel zink plated
		MZ2-6-PA	Polyamide PA6	
		MZ2-6-PA-SN		Stainless steel
		MZ2-6-SN	Stainless steel	
MZ2K		MZ2K	ZAMAK 5	Steel zink plated
		MZ2K-PA	Polyamide PA6	
		MZ2K-PA-SN		Stainless steel
		MZ2K-SN	Stainless steel	
MZ2P		MZ2P	ZAMAK 5	Steel zink plated
		MZ2P-PA	Polyamide PA6	
		MZ2P-PA-SN		Stainless steel
		MZ2P-SN	Stainless steel	

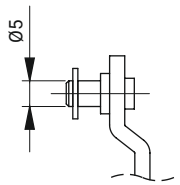
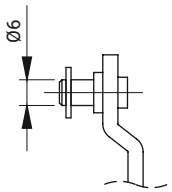
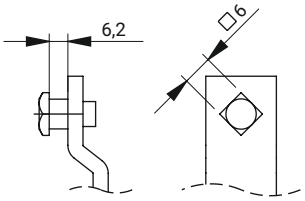
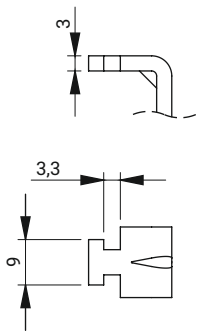
Cogweel mechanism MZ3



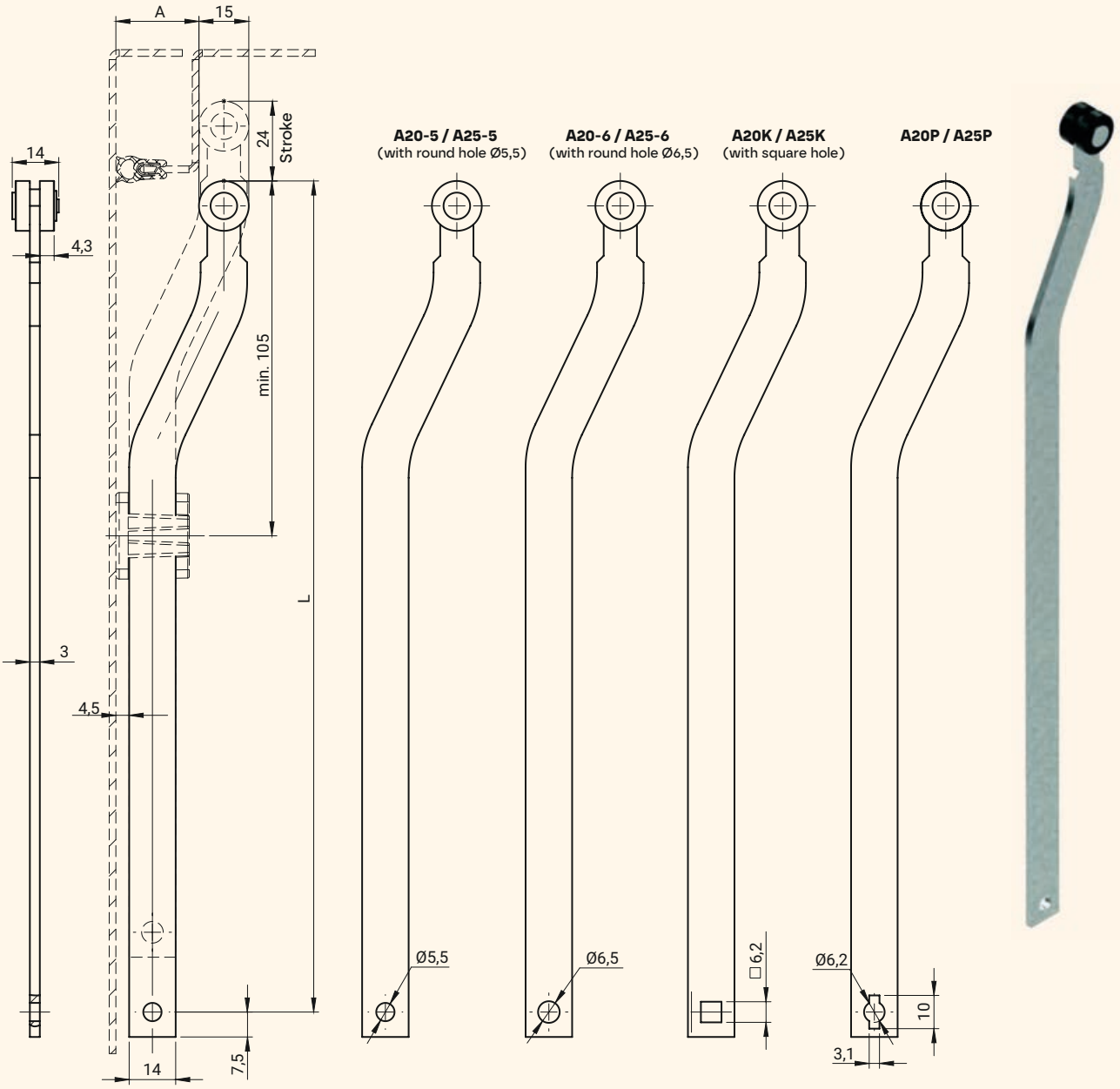


NOTE:
When ordering cogwheel mechanism MZ3K or MZ3P you must order flat rod with correct hole

Cogweel mechanism MZ3

VERSION		CATALOGUE NO.	COMPONENTS	
			HOUSING	FLAT RODS
MZ3		MZ3	ZAMAK 5	Steel zink plated
		MZ3-PA	Polyamide PA6	
		MZ3-PA-SN		Stainless steel
		MZ3-SN	Stainless steel	
MZ3-6		MZ3-6	ZAMAK 5	Steel zink plated
		MZ3-6-PA	Polyamide PA6	
		MZ3-6-PA-SN		Stainless steel
		MZ3-6-SN	Stainless steel	
MZ3K		MZ3K	ZAMAK 5	Steel zink plated
		MZ3K-PA	Polyamide PA6	
		MZ3K-PA-SN		Stainless steel
		MZ3K-SN	Stainless steel	
MZ3P		MZ3P	ZAMAK 5	Steel zink plated
		MZ3P-PA	Polyamide PA6	
		MZ3P-PA-SN		Stainless steel
		MZ3P-SN	Stainless steel	

Flat rod with rollers
A20-5, A25-5, A20-6, A25-6
A20K, A25K, A20P, A25P



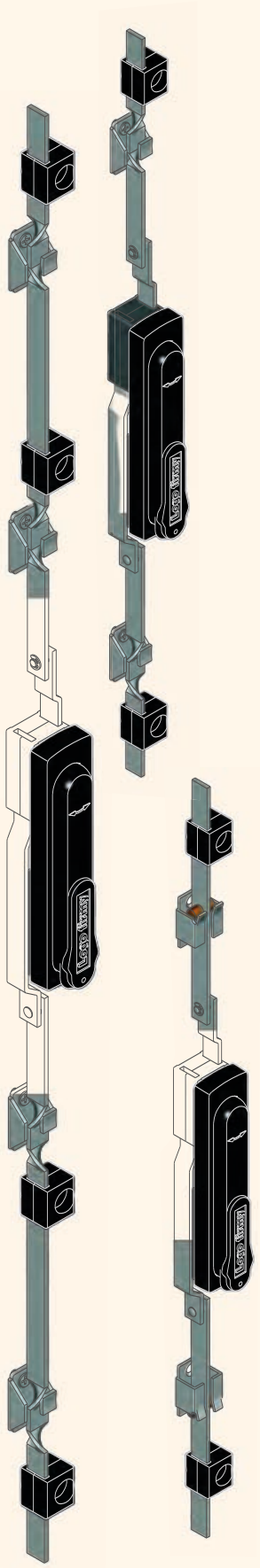
NOTE: Additionally possiblility of ordering rubber profile, page 6-1 to 6-15, 6-10 to 6-11
Fox example: A25K-300 means flat rod 3x14mm, dimension A=25, lenght L=300mm with square hole

CAT. NUMBER	NAME	MATERIAL	DIMENSIONS	
			A	L
A20-5	Flat rod with rollers with round hole Ø5,5	Flat rod - steel zinc plated Rolllers - PA6	20	Dimensions negotiable
A25-5			25	
A20-6	Flat rod with rollers with round hole Ø6,5		20	
A25-6			25	
A20K	Flat rod with rollers with square hole		20	
A25K			25	
A20P	Flat rod with rollers A20P, A25P		20	
A25P			25	
• Possibility of producing other flat rod on special request				

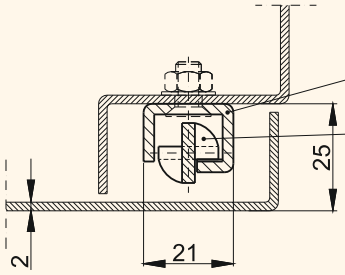
How to order:
Catalogue number
Length of flat rod

A20-5 — L

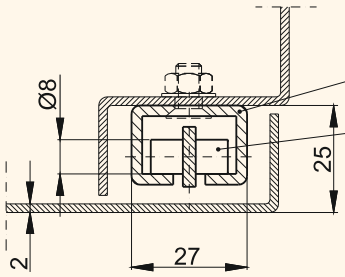
Flat rods, catch



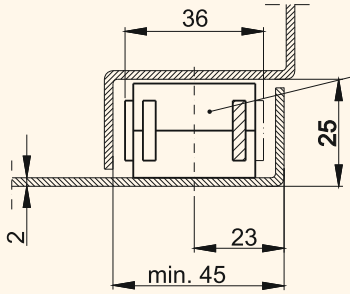
B - B



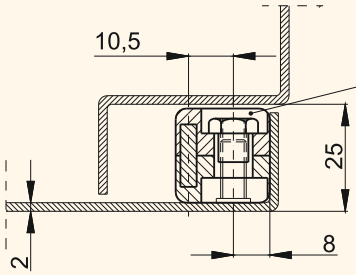
B - B

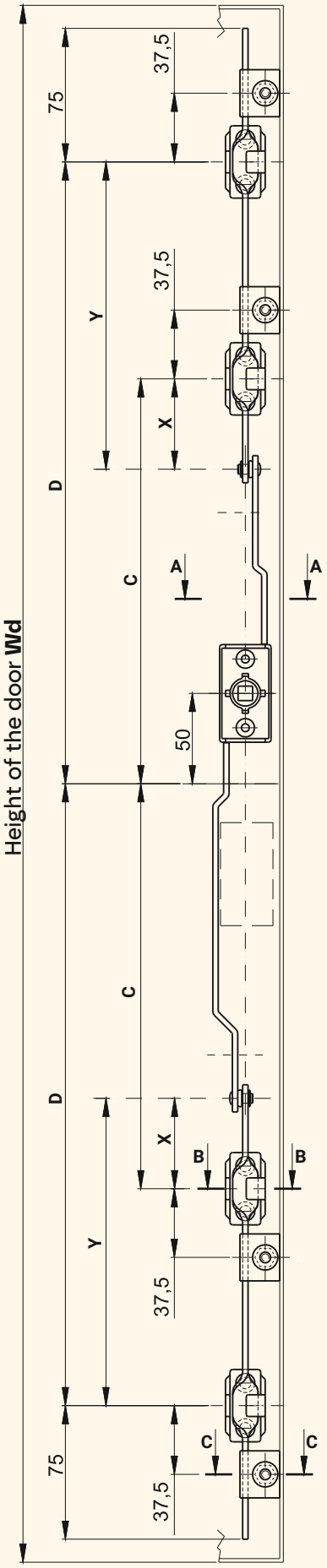


A - A



C - C





Flat rods P, PK, PP, catch W314-90

FLAT ROD ver. A

(Round hole) P...



(Square hole) PK...

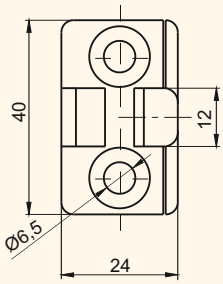


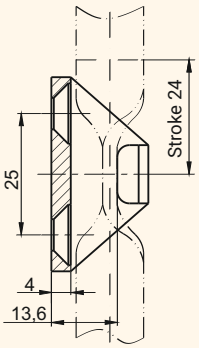
(Shape hole) PP...

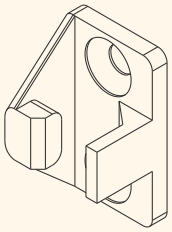




CATCH W314-90 (for Flat Rod ver.A - znal)









CATALOGUE NUMBER FLAT ROD VER. A			DOOR HEIGHT WD	DIMENSION TO THE FLAT ROD		DIMENSION TO DOOR CENTER		MATERIAL
ROUND HOLE	SQUARE HOLE	SHAPE HOLE		X	Y	C	D	
P190-210	**PK190-210**	**PP190-210**	800 - 1200	-	126	-	300	Steel zinc plated
P190-351	**PK190-351**	**PP190-351**	1200- 1600	-	276	-	450	
P290-601	**PK290-601**	**PP290-601**	1600 - 1900	101	526	275	700	
P290-751	**PK290-751**	**PP290-751**	1900 - 2200	101	676	275	850	

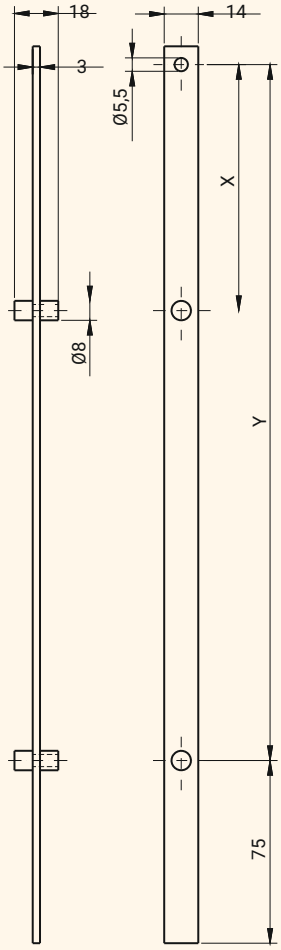
CAT. NUMBER	NAME	MATERIAL
1C.907.001	Catch for flat rod ver. A	ZAMAK 5 - powder painted

Flat rods ver. B
P, PK, PP, PR

FLAT ROD ver. B



(Round hole) P...



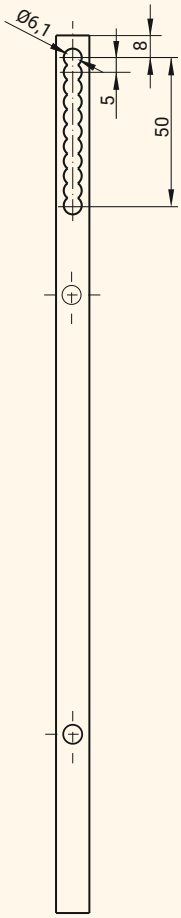
(Square hole) PK...



(Shape hole) PP...



(Round hole regulated) PR...



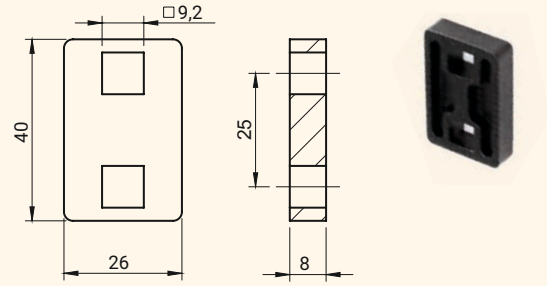
Dimensions C and D page 1C-35.

CATALOGUE NUMBER FLAT ROD VER. B			DOOR HEIGHT WD	DIMENSION OF THE FLAT ROD		DIMENSION TO DOOR CENTER		MATERIAL
ROUND HOLE	SQUARE HOLE	SHAPE HOLE		X	Y	C	D	
P18-210	**PK18-210**	**PP18-210**	800 - 1200	-	126	-	300	Steel zinc plated
P18-351	**PK18-351**	**PP18-351**	1200- 1600	-	276	-	450	
P28-601	**PK28-601**	**PP28-601**	1600 - 1900	101	526	275	700	
P28-751	**PK28-751**	**PP28-751**	1900 - 2200	101	676	275	850	

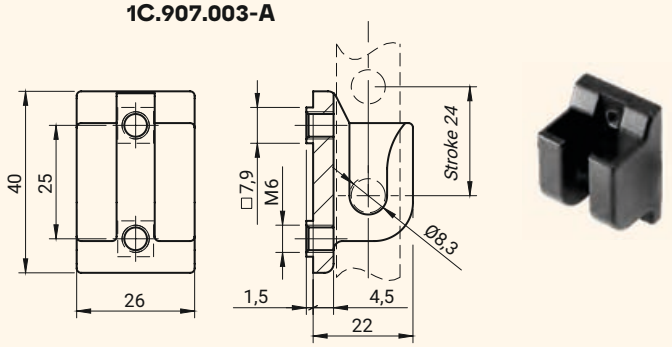
Catchs W314 1C.907

Catch for flat rod ver. B

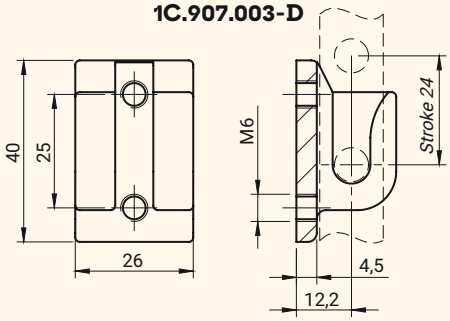
Distance D314-85



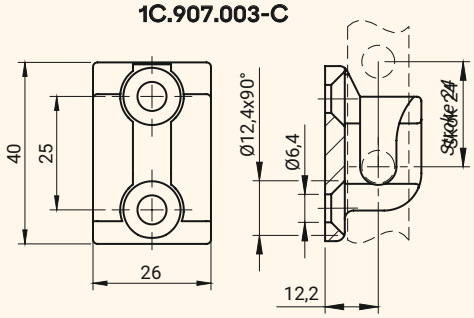
Catch W314-85-A
1C.907.003-A



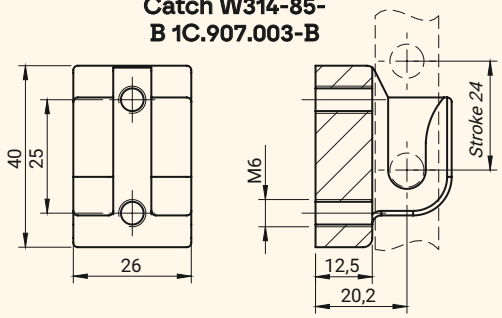
Catch W314-85-D
1C.907.003-D



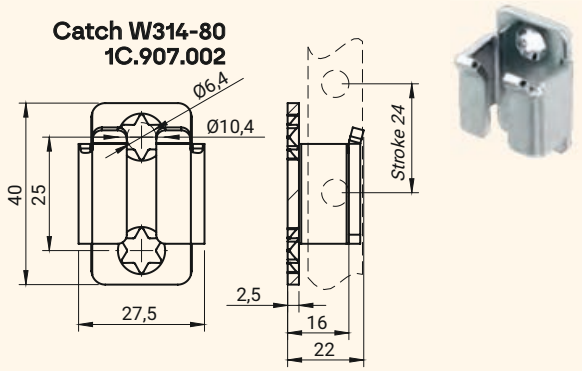
Catch W314-85-C
1C.907.003-C



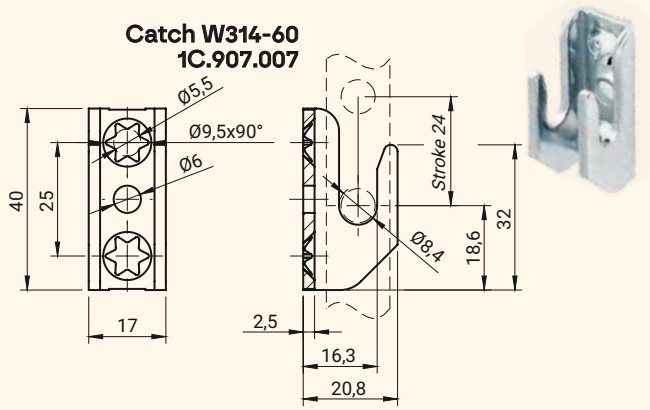
Catch W314-85-B 1C.907.003-B



Catch W314-80
1C.907.002



Catch W314-60
1C.907.007



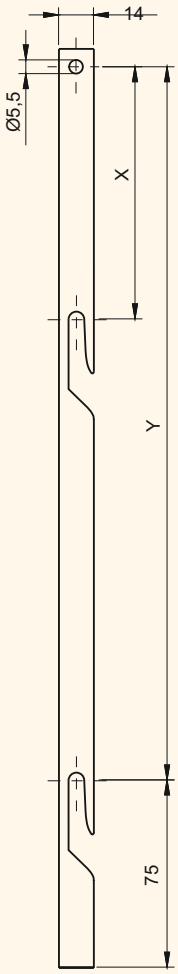
CAT. NUMBER	NAME	MATERIAL
1C.908.001	Distance D314-85 for catch	ZAMAK 5
1C.907.003-A	1C.907.003.001 Catch W314-85-A	ZAMAK 5
1C.907.003-B	Catch W314-85-B	ZAMAK 5
1C.907.003-C	Catch W314-85-C	ZAMAK 5
1C.907.003-C SN	Catch W314-85-C	Stainless steel
1C.907.003-D	Catch W314-85-C	ZAMAK 5
1C.907.002	Catch W314-80	Steel zinc plated
1C.907.007	Catch W314-60	Steel zinc plated

Flat rods ver. C, Catch W314-70



FLAT ROD
ver. C

(Round hole)
P...



(Square hole)
PK...

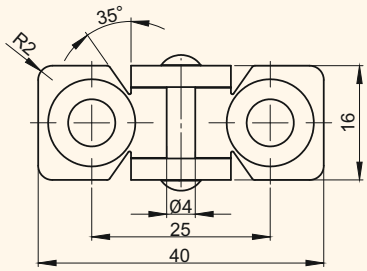


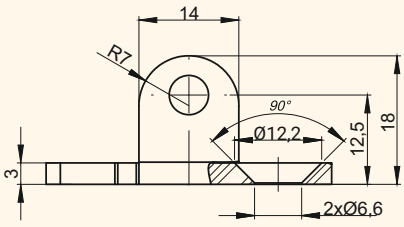
(Shape hole)
PP...





CATCH W314-70
(for Flat Rod **ver. C - steel**)





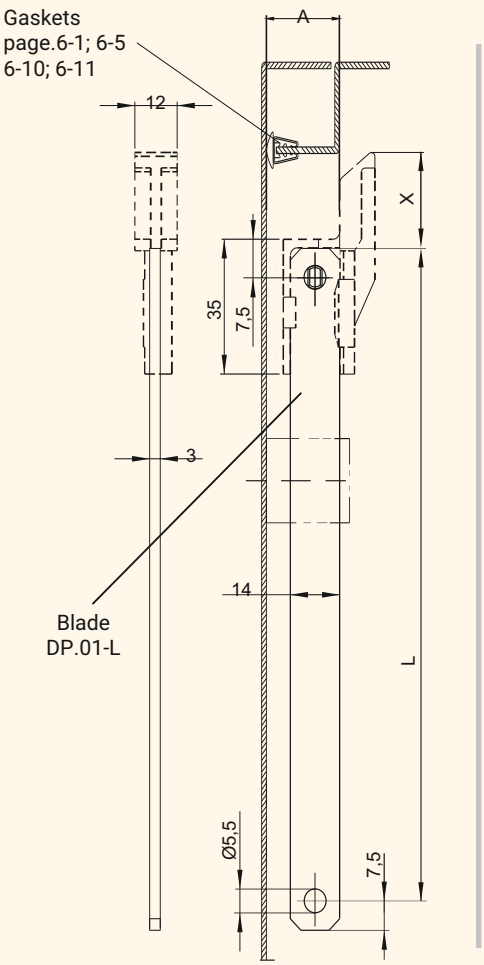
CATALOGUE NUMBER FLAT ROD VER. C			DOOR HEIGHT WD	DIMENSION OF THE FLAT ROD		DIMENSION TO DOOR CENTER		MATERIAL
ROUND HOLE	SQUARE HOLE	SHAPE HOLE		X	Y	C	D	
P390-210	**PK390-210**	**PP38-210**	800 - 1200	-	126	-	300	Steel zinc plated
P390-351	**PK390-351**	**PP38-351**	1200 - 1600	-	276	-	450	
P490-601	**PK490-601**	**PP48-601**	1600 - 1900	101	526	275	700	
P490-751	**PK490-751**	**PP48-751**	1900 - 2200	101	676	275	850	

CAT. NUMBER	NAME	MATERIAL
1C.907.004	Catch for flat rod ver. C	Steel zinc plated

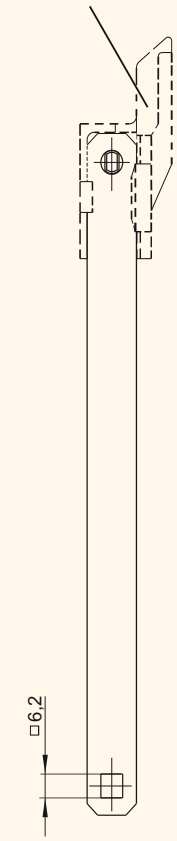
Flat rods ver. D
Grip handle 1C.904.053, 1C.904.054

FLAT ROD ver. D

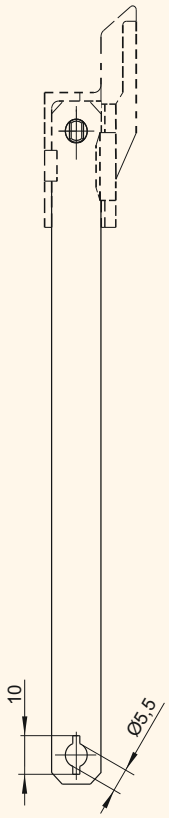
(into circual hole)
DP...



(into square hole)
DPK...

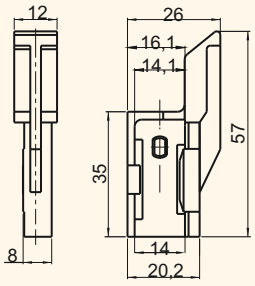


(into shape hole)
DPP...

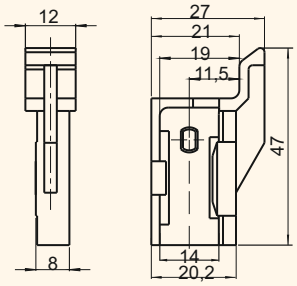




GRIP HANDLE
1C.904.053



GRIP HANDLE
1C.904.054

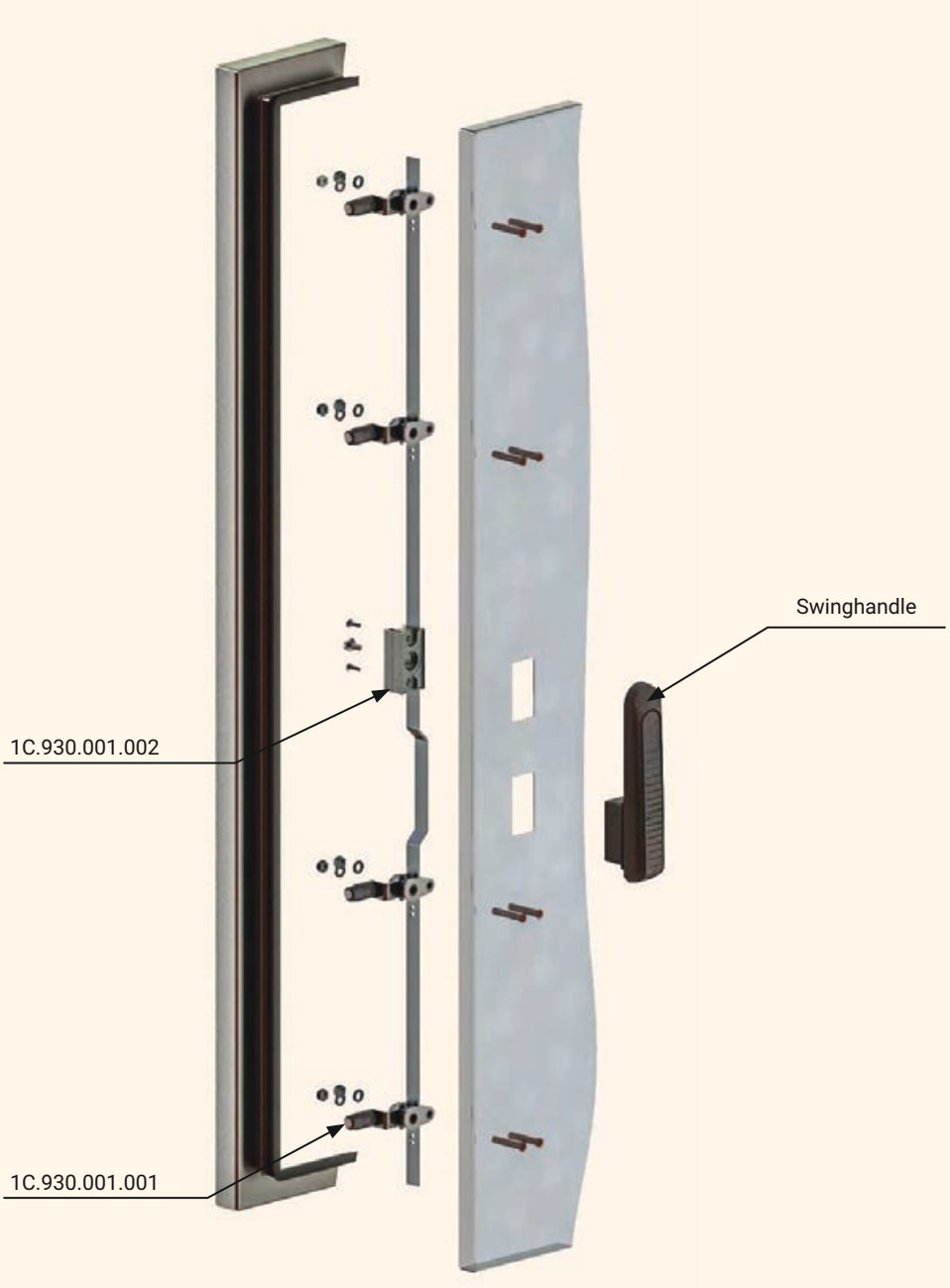




CAT. NUMBER		NAME	DIMENSION		MATERIAL
Steel zinc plated	Steel 1.4301		L		
DP.01 - L	**DP.02 - L**	Band pressing into circular hole	400 500 600 700 800 900 1000	Other dimensions to be agreed	Band pressing - steel zinc plated, stainless steel
DPK.01 - L	**DPK.02 - L**	Band pressing into square hole			
DPP.01 - L	**DPP.02 - L**	Band pressing into shaped hole			
			A		
1C.904.053		Grip handle	17,5		PA-6 RAL9005
1C.904.054			22,5		

- Order example: A23K-300 means band pressing 3x14mm, dimension A=23, length of L=300mm into square
- Capability of execution flat according to individual orders

Multipoint locking system with one flat bar



CATALOGUE NUMBER	DESCRIPTION	COMPONENTS	MATERIAL
1C.930.001.001	Bolt	Roll	POM
		Cam	Steel zinc plated
1C.930.001.002	Cogweel mechanism with flat rod	Housing	ZAMAK 5
		Flat rod	Steel zinc plated

How to order :

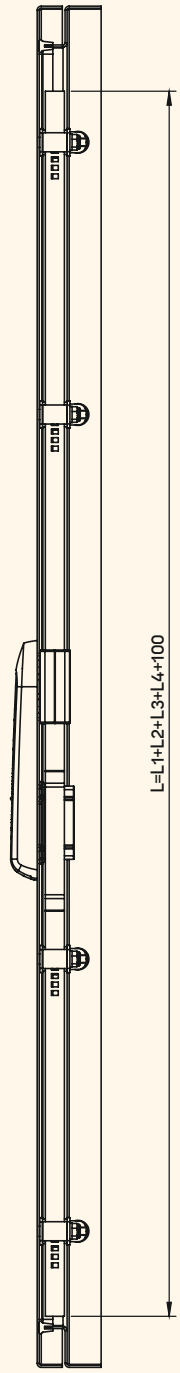
Catalogue number
** distance between locks

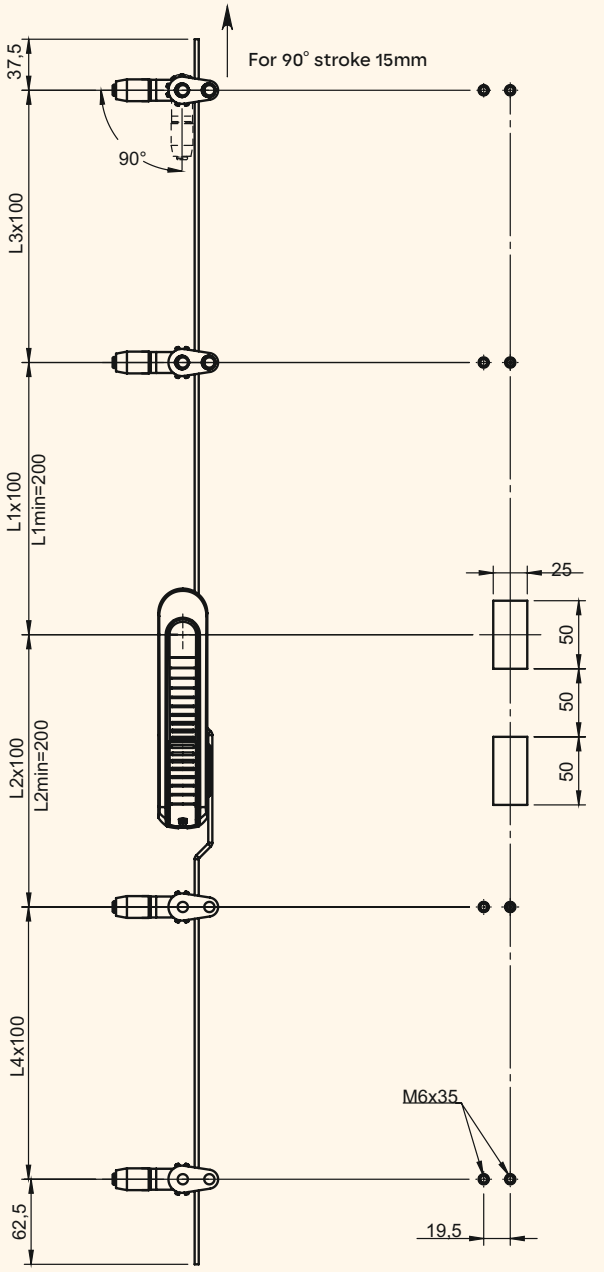
1C.930.001.002 — L1 — L2 — L3 — L4

**for the 1C.390.001.002 detail, the lengths L1, L2, L3 and L4 must be additionally specified in case of a 2-point system, indicate only the lengths L1 and L2

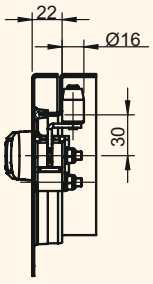
The system works with all locks for the cut out 50x50x50x50 - 1B-1 to 1B-30

Multipoint locking system with one flat bar





System assembly
View from inside the door

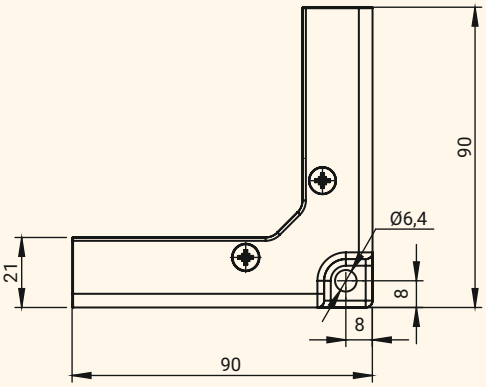


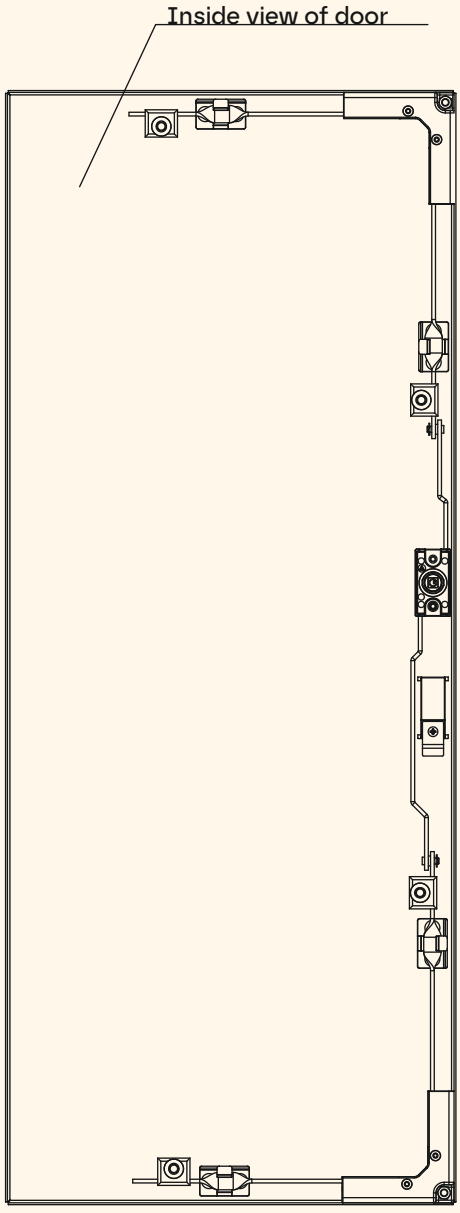
For 2-point system L3 and L4=0
Maximum total length of flat bar L = 2000mm
The system works with all locks for the cut out 50x50x50x50

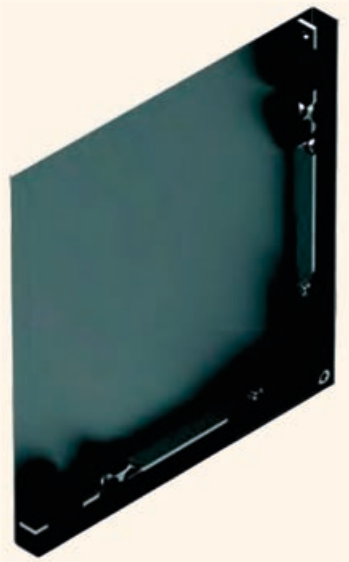
90° corner guide for flat bars 1C.922.001

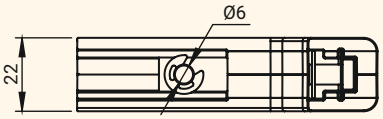
NEW

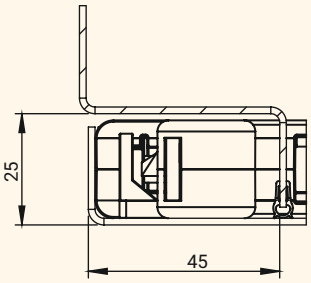












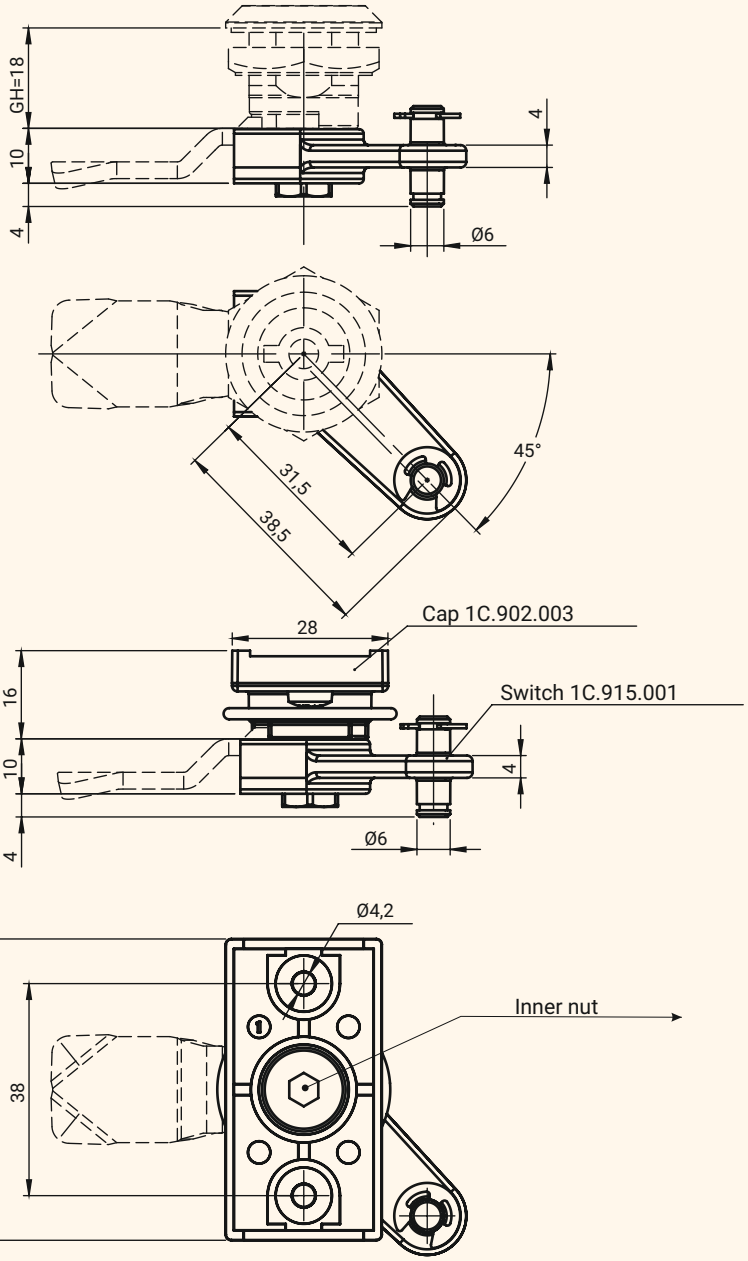
The system is compatible with:

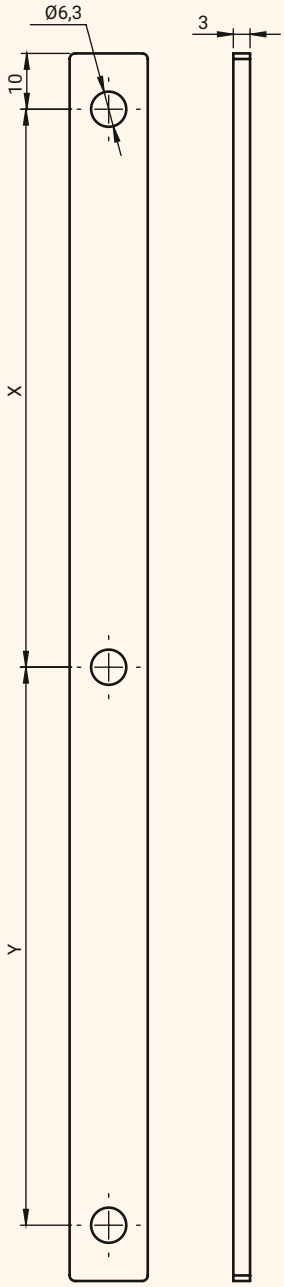
- Quarter turns type RS (pp. 1B-3 to 1B-36): RS650, RS710, RS717, RS715 gear mechanism MZ2 (p. 1C-29 to 1C-30)
- Clamping flats ver. A, B, C. (p. 1C-36 to 1C-39)

Selection of locking system with corner guide 1C.924.001 on individual order.

CAT. NUMBER	COMPONENTS	MATERIAL
1C.922.001	Corner rod guide	Poliamid PA GF30

Connector 1C.915.001 for multiple locks





NEW





Flat bar 1C.923.001

CAT. NUMBER	COMPONENTS	MATERIAL
1C.915.001	**Switch**	ZAMAK 5
1C.902.001	Cap	ZAMAK 5
1C.917.002	Inner nut	ZAMAK 5
1C.923.001	Flat bar	Steel zinc plated

How to order flat bar: 1C.923.001 — X — Y

Type of lock

Key code

Switch compatible with cam from the group: 11, 13 (pg. 1C-10-11) Compatible with M22 GH=18, M22-1, M22-2, M22-3 (pg. 2A-8 - 2A-10)

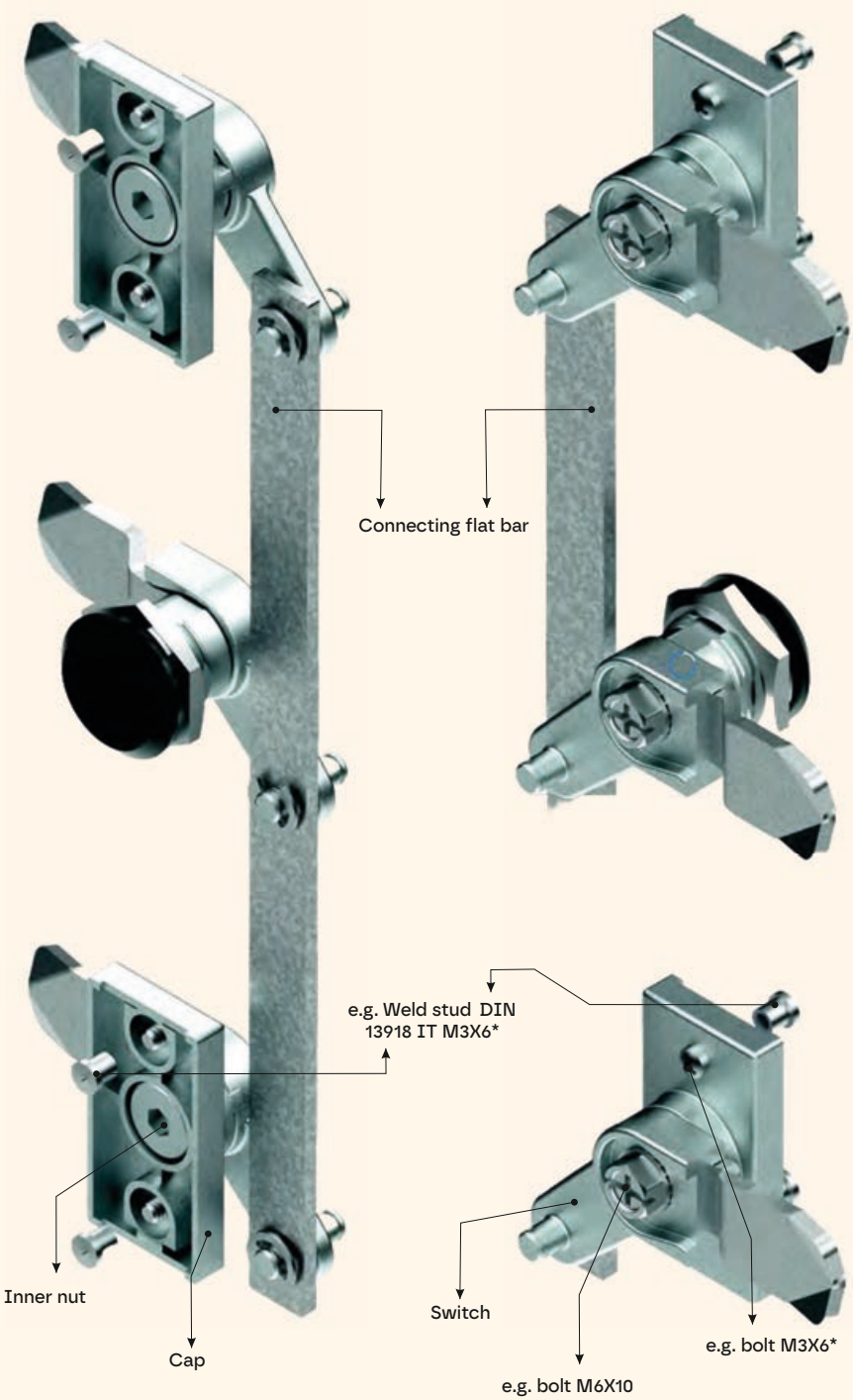
Connector 1C.915.001 for multiple locks

NEW

EXAMPLE WITH 3 LOCKS



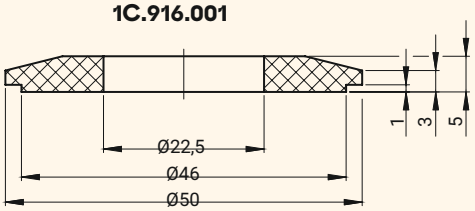
EXAMPLE WITH ONE LOCK AND TWO CAPS



*to be ordered separately

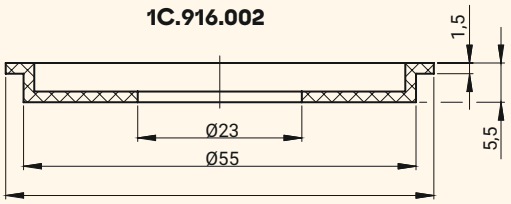
Adapter 1C.916

1C.916.001



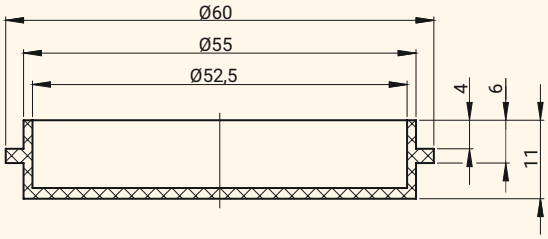


1C.916.002

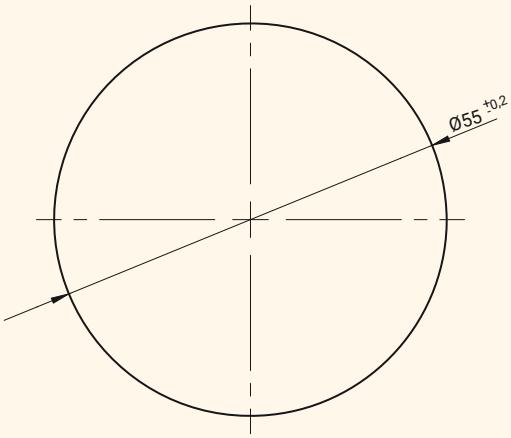




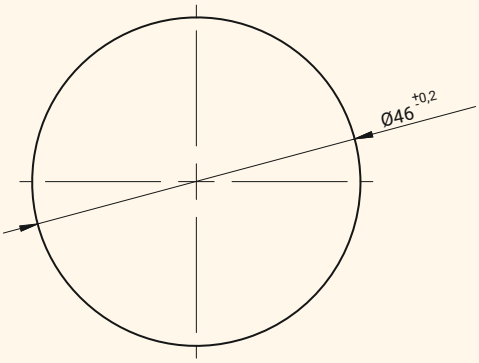
1C.916.003







Cut out 1C.916.002 i 1C.916.003

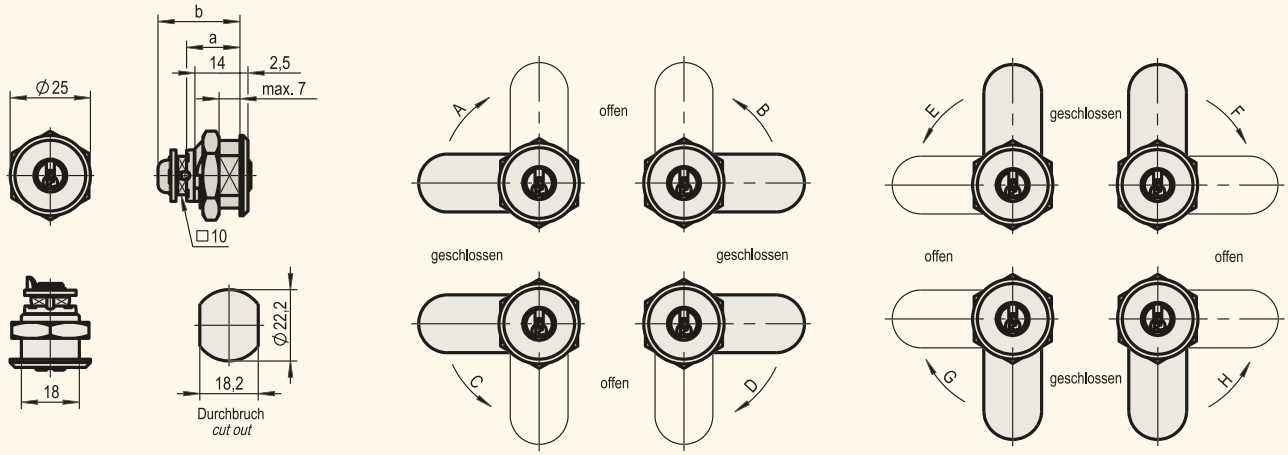


Cut out 1C.916.001

CATALOGUE NO.	DETAIL	MATERIAL
1C.916.001	Adapter RS Ø23-Ø46	Polyamide
1C.916.002	Adapter RS Ø23-Ø55	
1C.916.003	Adapter RS Ø55	

Quarter-turn cam locks
Thread 22 x 1 mm

MS

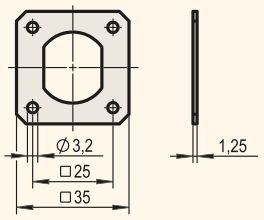


Art. No.:	b (mm)	a (mm)	S (mm)	Door thickness max. (mm)	Surface finish	Closing distance	Withdrawal	Locking
4.48.0001.0	25,5	16,5	2,5	7,0	nickel-plated	A, D, F, G	single	keyed different
4.48.0002.0	25,5	16,5	2,5	7,0	nickel-plated	B, C, E, H	single	keyed different
4.49.0001.0	25,5	16,5	2,5	7,0	nickel-plated	A, D, F, G, B*, C*, E* H*	double	keyed different
4.48.0003.0	29,5	20,5	2,5	7,0	nickel-plated	A, D, F, G	single	keyed different
4.48.0004.0	29,5	20,5	2,5	7,0	nickel-plated	B, C, E, H	single	keyed different
4.49.0002.0	29,5	20,5	2,5	7,0	nickel-plated	A, D, F, G, B*, C*, E* H*	double	keyed different

Quarter-turns supplied with 2 nickel-plated keys
* With these closing distances the key is horizontal in locked position
Cams and accessories see page 1/9 - 1/10

Single withdrawal Key only to be withdrawn in locked position
Double withdrawal Key to be withdrawn in open and locked position

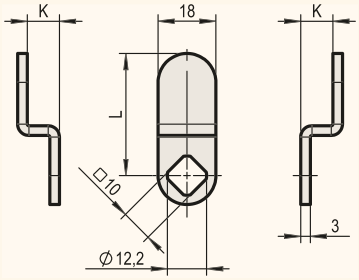
Fixing plate
for Quarter-turn cam lock



Art. No.:	Material	Surface finish
4.48.0019.0	Steel	zinc galvanized

Cams
galvanized

ST

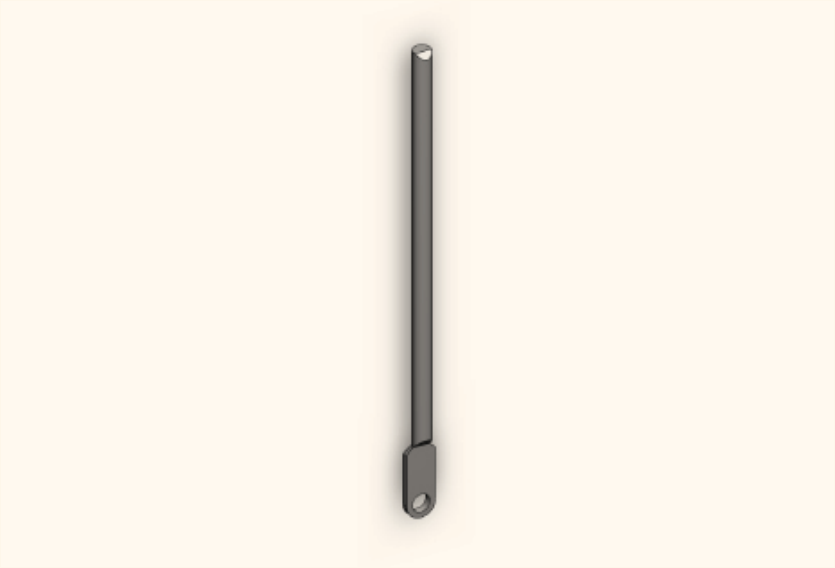


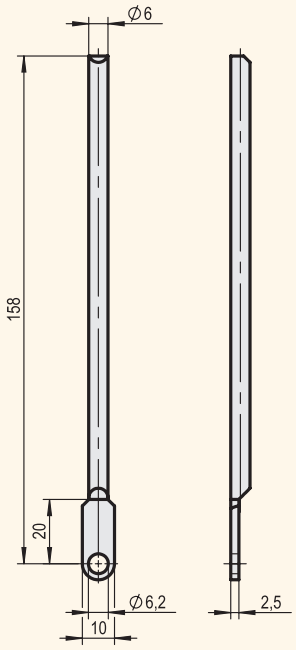
Art. No.:	H mm	K mm	L mm	4.48.0001.0 4.48.0002.0 4.49.0001.0	4.48.0003.0 4.48.0004.0 4.49.0002.0
4.48.1110.0	5,0	11,5	38,0	•	
4.48.1106.0	6,5	10,0	38,0	•	
4.48.1110.0	9,0	11,5	38,0		•
4.48.1106.0	10,5	10,0	38,0		•
4.48.1114.0	11,0	5,5	38,0	•	
4.48.1108.0	13,0	3,5	26,0	•	
4.48.1118.0	13,0	3,5	29,0	•	
4.48.1104.0	13,0	3,5	38,0	•	
4.48.1105.0	13,0	3,5	55,0	•	
4.48.1116.0	15,0	1,5	29,0	•	
4.48.1103.0	15,0	1,5	38,0	•	
4.48.1114.0	15,0	5,5	38,0		•
4.48.1101.0	16,5	0,0	38,0	•	
4.48.1102.0	16,5	0,0	55,0	•	
4.48.1108.0	17,0	3,5	26,0		•
4.48.1118.0	17,0	3,5	29,0		•
4.48.1104.0	17,0	3,5	38,0		•
4.48.1105.0	17,0	3,5	55,0		•
4.48.1116.0	18,0	1,5	29,0	•	
4.48.1103.0	18,0	1,5	38,0	•	
4.48.1116.0	19,0	1,5	29,0		•
4.48.1103.0	19,0	1,5	38,0		•
4.48.1108.0	20,0	3,5	26,0	•	
4.48.1118.0	20,0	3,5	29,0	•	
4.48.1104.0	20,0	3,5	38,0	•	
4.48.1105.0	20,0	3,5	55,0	•	
4.48.1101.0	20,5	0,0	38,0		•
4.48.1102.0	20,5	0,0	55,0		•
4.48.1116.0	22,0	1,5	29,0		•
4.48.1103.0	22,0	1,5	38,0		•
4.48.1114.0	22,0	5,5	38,0	•	
4.48.1108.0	24,0	3,5	26,0		•
4.48.1118.0	24,0	3,5	29,0		•
4.48.1104.0	24,0	3,5	38,0		•
4.48.1105.0	24,0	3,5	55,0		•
4.48.1114.0	26,0	5,5	38,0		•
4.48.1106.0	26,5	10,0	38,0	•	
4.48.1110.0	28,0	11,5	38,0	•	
4.48.1107.0	30,0	13,5	38,0	•	
4.48.1106.0	30,5	10,0	38,0		•
4.48.1115.0*	31,5	15,0	36,0	•	
4.48.1110.0	32,0	11,5	38,0		•
4.48.1107.0	34,0	13,5	38,0		•
4.48.1112.0	35,0	18,5	42,0	•	
4.48.1115.0*	35,5	15,0	36,0		•
4.48.1113.0*	38,0	21,5	29,0	•	
4.48.1117.0*	38,0	21,5	38,0	•	
4.48.1112.0	39,0	18,5	42,0		•
4.48.1109.0*	40,0	23,5	38,0	•	
4.48.1113.0*	42,0	21,5	29,0		•
4.48.1117.0*	42,0	21,5	38,0		•
4.48.1109.0*	44,0	23,5	38,0		•

* on request

Rods
galvanized

ST



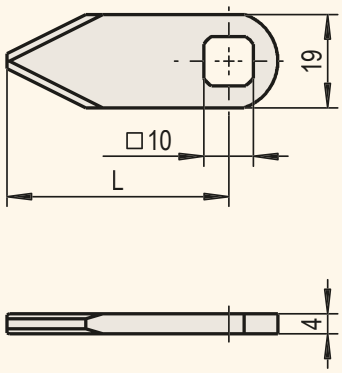


Art. No.:	Material	Surface finish
4.48.0015.0*	Steel	zinc galvanized cB

* on request
for locks **4.48.0001.0 - 4.48.0004.0** and **4.49.0001.0 - 4.49.0002.0**

Quarter-turn
zinc cC galvanized

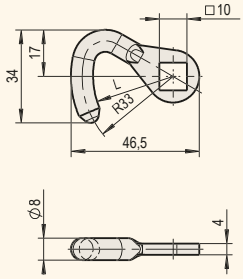
ST



Insert	Right hand version	Left hand version
Pin 3 mm	**0.25.0101.3**	**0.25.0101.4**
Pin 5 mm	**0.25.0102.3**	**0.25.0102.4**
Pin 3 mm with dust shutter	**0.25.0111.3***	**0.25.0111.4***
Pin 5 mm with dust shutter	**0.25.0112.3***	**0.25.0112.4***
Square 7 mm	**0.25.0103.3**	**0.25.0103.4**
Square 8 mm	**0.25.0104.3**	**0.25.0104.4**
Triangle 8 mm	**0.25.0106.3**	**0.25.0106.4**
German railway version	**0.25.0113.3**	**0.25.0113.4**

completely assembled and ready for installation / please order cams seperately
* on request

Art. No.:	H mm	L mm
0.25.0553.0	14	28,5
0.25.0554.0	16	28,5

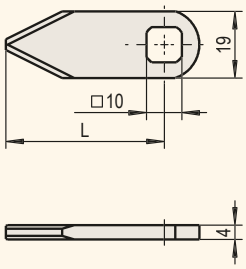


Cam
for Quarter-Turns 0.25.01XX.3/4

ST

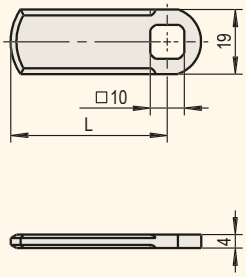
Art. No.:	H mm	L mm
0.25.0505.0	3	55
0.25.0511.0	4	45,5
0.25.0506.0	5	55
0.25.0512.0	6	45,5
0.25.0517.0	6	49
0.25.0518.0	8	49
0.25.0527.0	8	49
0.25.0531.0	8	55
0.25.0537.0	9	49
0.25.0528.0	10	49
0.25.0532.0	10	55
0.25.0538.0	11	49
0.25.0543.0	12	45
0.25.0544.0	14	45
0.25.0539.0	15	49
0.25.0529.0	16	49
0.25.0533.0	16	55
0.25.0540.0	17	49

Art. No.:	H mm	L mm
0.25.0519.0	18	47
0.25.0530.0	18	49
0.25.0534.0	18	55
0.25.0513.0	20	45,5
0.25.0520.0	20	49
0.25.0507.0	21	55
0.25.0514.0	22	45,5
0.25.0508.0	23	55
0.25.0583.0	26	39
0.25.0567.0	26	49
0.25.0584.0	28	39
0.25.0568.0	28	49
0.25.0569.0*	30	40
0.25.0570.0*	32	40
0.25.0579.0	41	45
0.25.0580.0	43	45
0.25.0545.0	12/20°	45
0.25.0546.0	14/20°	45

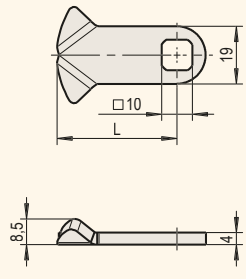


Art. No.:	H mm	L mm
0.25.0523.0	6	69
0.25.0524.0	8	69
0.25.0549.0*	12	17
0.25.0551.0	9,5	24,5
0.25.0550.0*	14	17
0.25.0552.0	11,5	24,5
0.25.0525.0	18	69
0.25.0526.0	20	69
0.25.0559.0	22	40
0.25.0561.0*	22	47
0.25.0560.0*	24	40

Art. No.:	H mm	L mm
0.25.0562.0*	24	47
0.25.0565.0*	25	62
0.25.0566.0	27	62
0.25.0571.0	30	40
0.25.0573.0	30	47
0.25.0575.0	30	57
0.25.0572.0	32	40
0.25.0574.0	32	47
0.25.0576.0	32	57
0.25.0577.0	40	46
0.25.0578.0	42	46



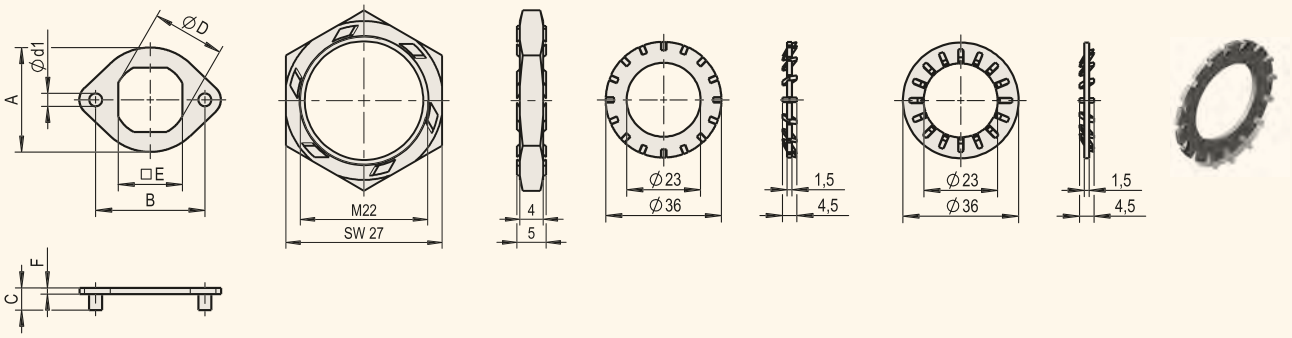
Art. No.:	H mm	L mm
0.25.0521.0	6	38
0.25.0522.0	8	38
0.25.0535.0	8	38
0.25.0536.0	10	38
0.25.0541.0	12	38
0.25.0542.0	12	38
0.25.0548.0	14	39
0.25.0555.0	16	38
0.25.0556.0	18	35
0.25.0557.0	20	35
0.25.0558.0	22	35
0.25.0563.0	24	35
0.25.0564.0	26	35



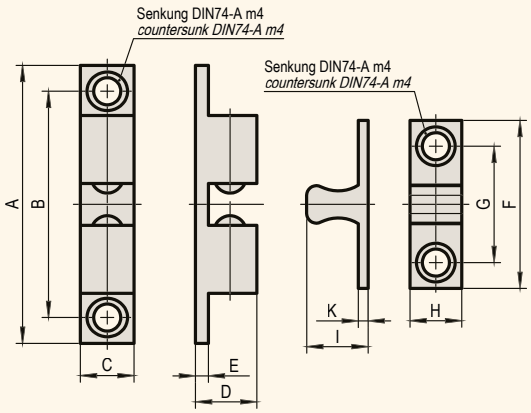
* on request

Accessories
Grounding nuts, Serrated lock washers, Catcher

ST **VA** **MS**



Art. No.:	0.45.0682.0	0.88.0109.0	0.88.0103.0	0.88.0113.0
Article indication	Mounting plate	Grounding nut	Serrated lock washer	Serrated lock washer
Cut out Ø	22,5 mm	–	Mounting addition for quarter-turns with vibrating cabinets	
Material	Steel zinc galvanized	Steel zinc galvanized		



Art. No.:	Material	Surface	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	K mm	Weight
3.77.0410.0	Brass	nickel plated	43,5	35	8	10	2	26	18	7,5	9,5	2	0,020 kg
3.77.0411.0	Brass	nickel plated	50	41	9	11	2	29	20	8	11	2	0,020 kg
3.77.0412.0	Brass	nickel plated	60	50	12	14	2	37	27	9,5	13	2	0,025 kg
3.77.0413.0	Brass	nickel plated	69,3	57	12,5	15	2,5	42	30	12	15	2,5	0,064 kg



02

Quarter turns and latches

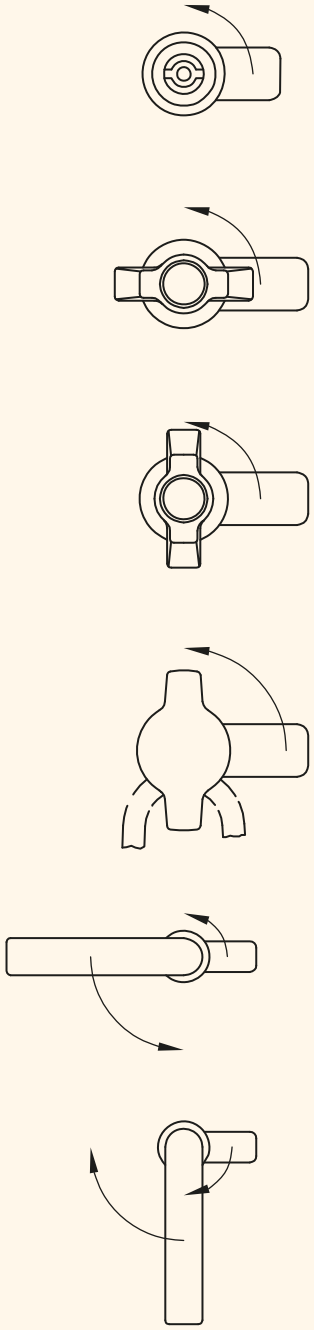
Explanation of open fields



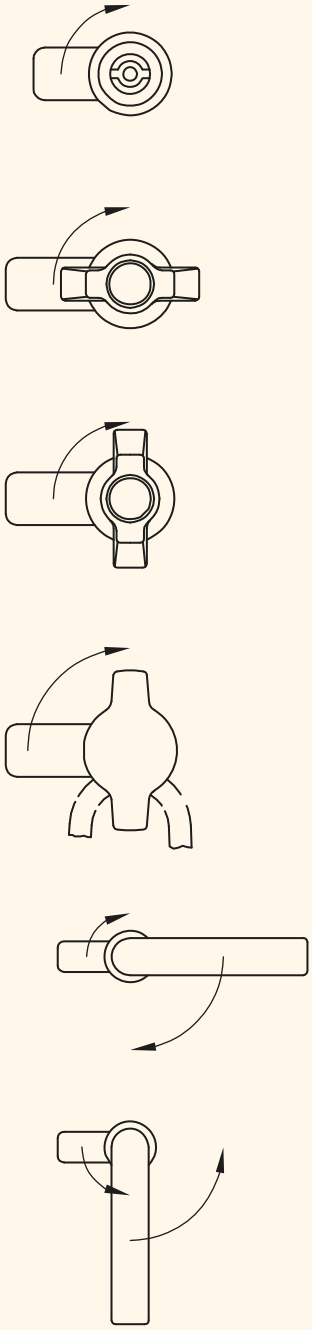


Quarter in the closed position arrow indicates the direction of opening

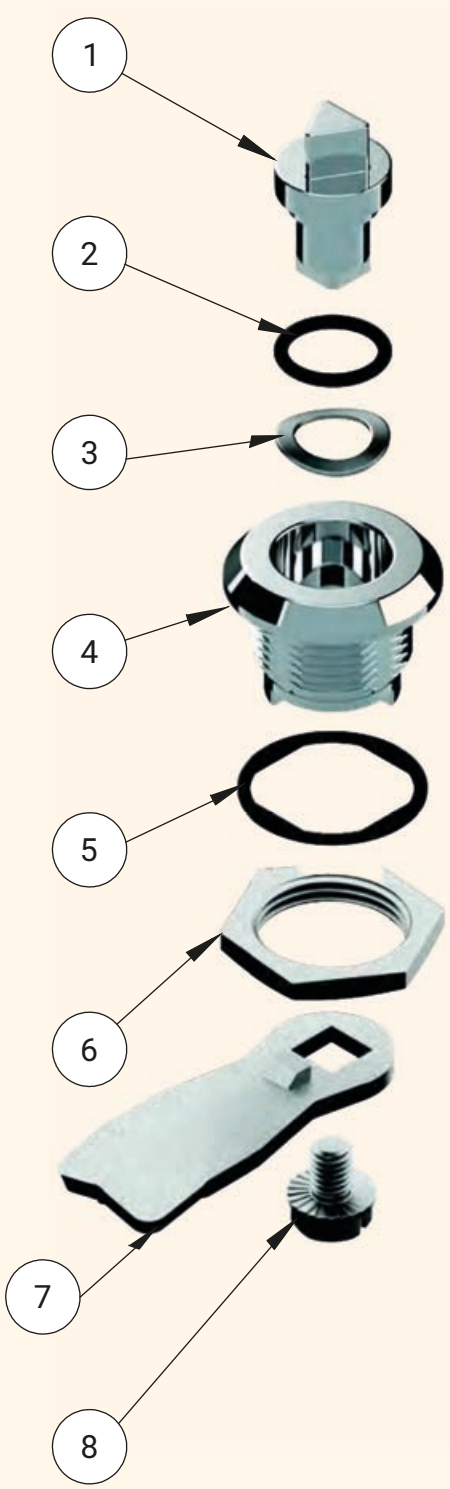
QUARTER TURNS FOR LEFT DOORS



QUARTER TURNS FOR RIGHT DOORS



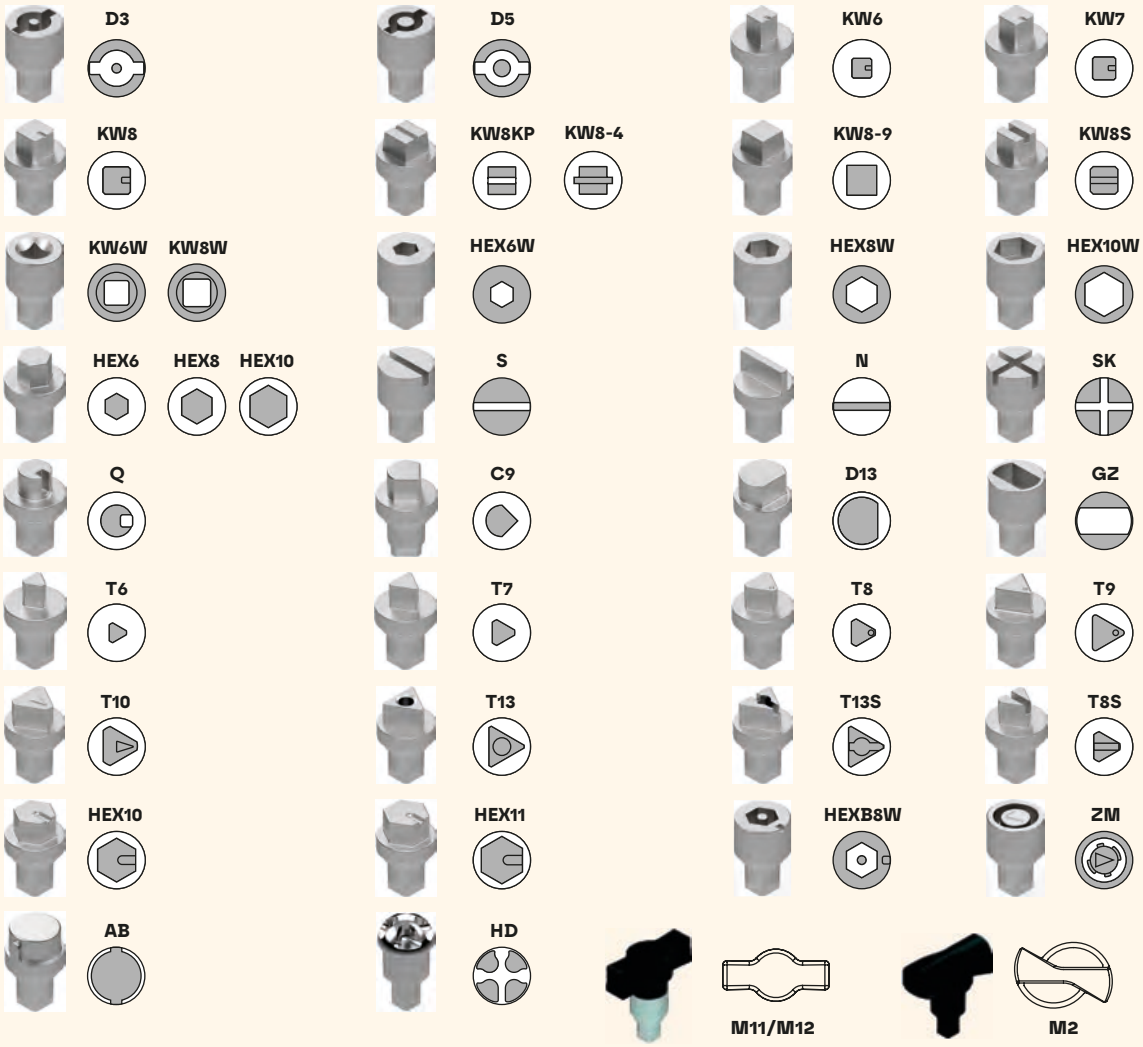
Information card



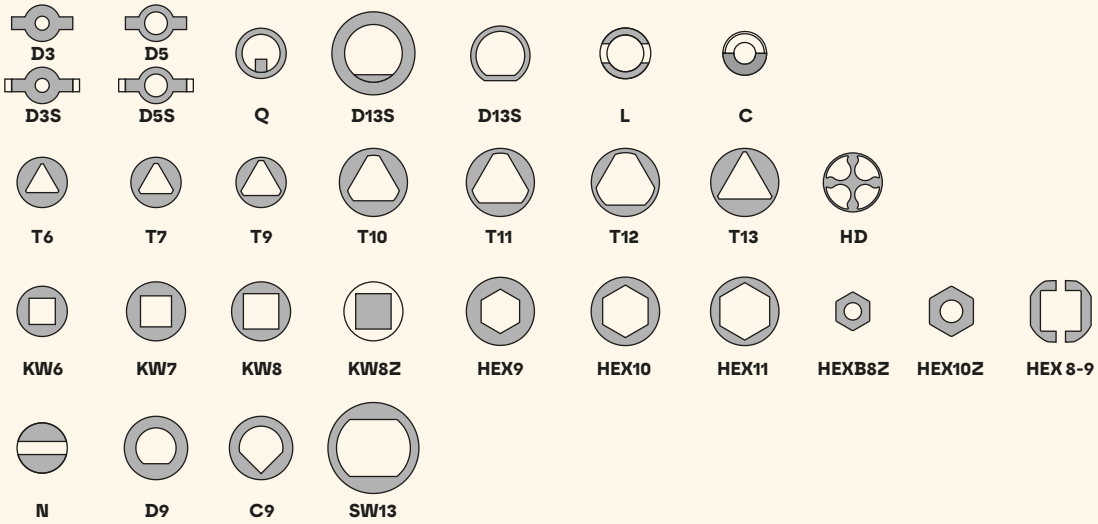
where :
1 - Insert
2 - O-ring for IP 65
3 - Wave washer
4 - Housing
5 - Flat seal for IP 65 and IP 66
6 - Nut M22
7 - Cam
8 - Screw M6

Overview of quarter turn inserts M22

INSERTS



KEYS

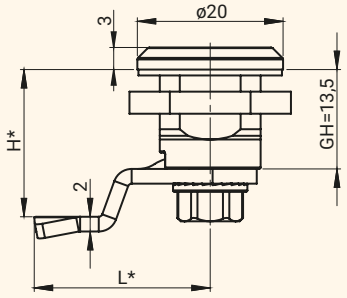


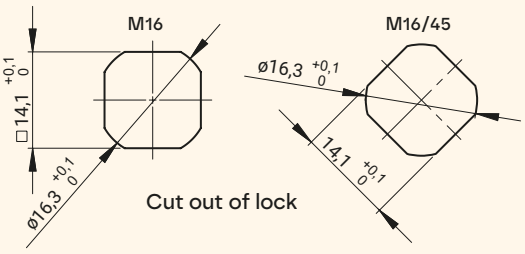
INSERT PATENT WITH CODE KEY:



1333	405E
RK - different **key code**	455E
1242E	2432E
MS - Master Key	

Quarter turn M16, M16/45, 2.602

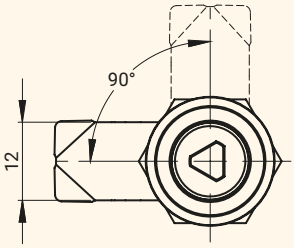




Cut out of lock

EN 45545-2
for stainless steel version





MATERIAL	INSERTS [X]						
	T6	T7	T7S	S	N	KW6	HEX6
ZAMAK 5	●	●	●	●	-	●	●
Brass	●	-	-	-	●	-	-
Stainless steel	●	●	●	●	●	●	●

TYPE OF LOCK								
M16						M16/45		
MATERIAL TYPE FOR HOUSING AS WELL AS PROTECTIVE COATING FOR HOUSING AND INSERT [C]								
ZAMAK 5						STAINLESS STEEL		BRASS
Chrome	Nickel	Zinc plated	RAL 9005	RAL 7035	No coating	304	316	
01	02	03	04	05	00	9.1	9.2	10

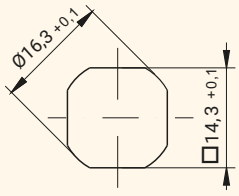
TYPE OF NUT [N]	STAINLESS STEEL	
Steel	304	316
13	14	15

How to order:

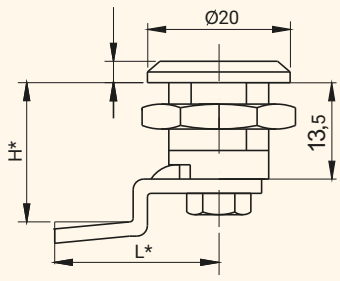
M16/45 — 04.13 — X.04 — H — L

- Type of lock
- Type of housing [C]
- Type of nut [N]
- Type of insert [X]
- Finish [C]
- The height of cam H
- The lenght of cam L

Available height of cam H = 13,5; 20
Available lenght of cam L = 23; 25
For the housing made of stainless steel, the insert is also made of tha same material*
Possibility to order in a different dimension
meaning:
C - marking of material for housing as well as surface finish for housing and insert
H.G - cam bended dimension



Cut Out



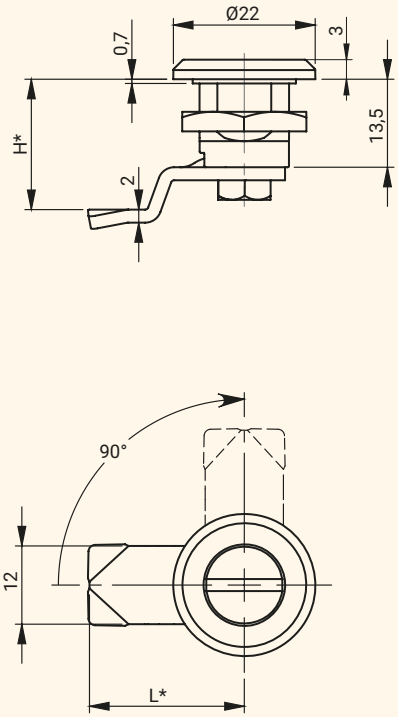


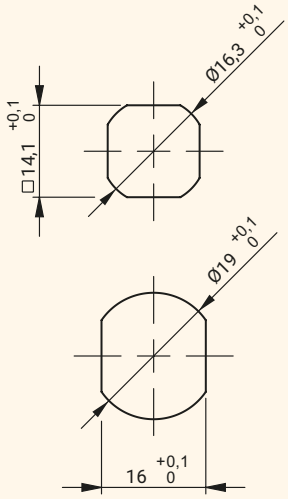
INSERT [X]	FINISH [C]
	RAL 9005
	04

TYPE OF LOCK	COMPONENTS	MATERIAL
2.602.001	Housing, insert	ZAMAK 5
	Cam	Steel zinc plated

Quarter turn M16-19







MATERIAL FOR INSERT [D]	INSERTS [X]						
	T6	T7	T7S	S	N	KW6	HEX
ZAMAK 5	11	12	13	14	-	16	17
Brass	21	-	-	-	25	-	-

TYPE OF LOCK							
M16-19							
MATERIAL TYPE FOR HOUSING AS WELL AS PROTECTIVE COATING FOR HOUSING AND INSERT [C]							
ZAMAK 5						STAINLESS STEEL	
Chrome	Nickel	Zinc plated	RAL 9005	RAL 7035	No coating	304	316
01	02	03	04	05	00	9.1	9.2

TYPE OF NUT [N]	STAINLESS STEEL	
Steel	304	316
13	14	15

How to order:

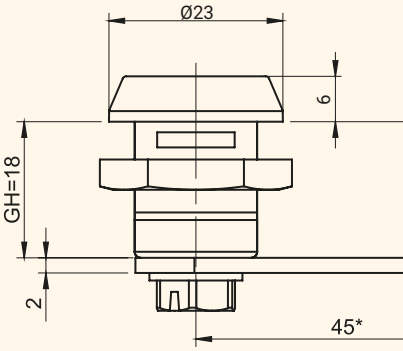
M16-19 — C.N — X.C.D — H — L

- Type of lock
- Type of housing
- Type of insert
- The height of cam H
- The lenght of cam L

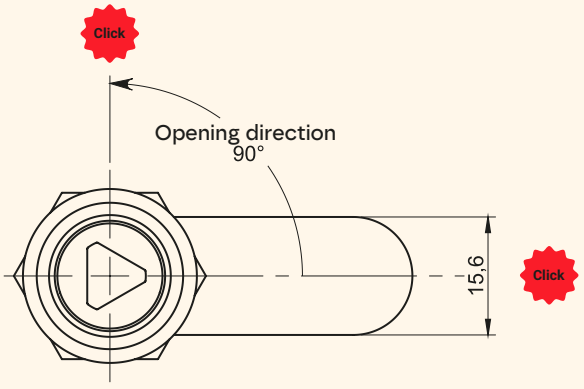
Height dimension of a CAM H for a body 13,5mm-mounting in hole Ø19x16,
in case of mounting in hole Ø16x14 the height H decreases about 0,7mm.
Mounting options:
- Ø16x14
- Ø19x16

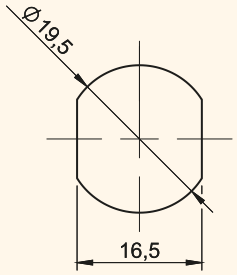
* different dimensions available

Quarter turn M19-1









Cut out

TYPE OF LOCK	COMPONENTS	MATERIAL
M19-1	Housing, Insert	ZAMAK 5
	Cam	Steel zinc plated

INSERTS [X]		FINISH [C]				
		Chrome	Nickel	Galvanized	RAL9005	RAL7035
KW8	T8	01	02	03	04	05

How to order:

Catalogue number
Finish of housing [C]
Type of insert [X]
Finish [C] Locking height,
H=18, 20, 22 Version
(P-right, L-left)

M19-1.C — KW8.04 — 18 — L

The drawing shows the left-hand version. The right-hand version is a mirror reflection.
* possibility to order in another dimension

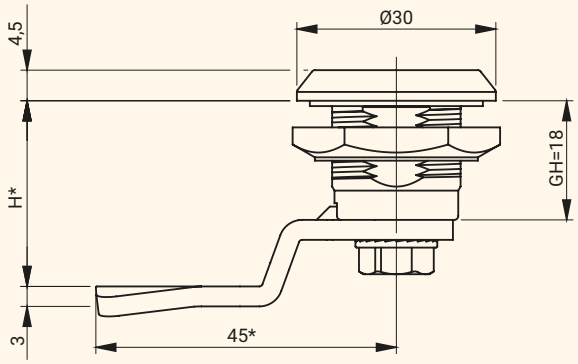
Quarter turn M22-1

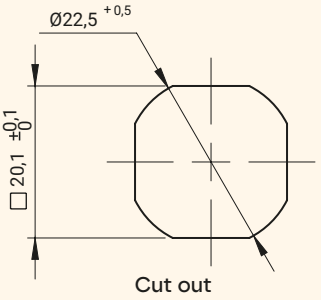
IP65

EN 45545-2

for stainless steel version







Cut out

FINISHING TYPE OF THE INSERT AND THE BODY [C]									
ZAMAK 5						Polyamide		Stainless steel	
Chrome	Nickel	Galvanized	RAL 9005	RAL 7035	No coating	RAL 9005	RAL 7035	304	316
01	02	03	04	05	00	-	-	9.1	-

THE TYPE OF THE NUT [N]					
	ZAMAK 5	Polyamide	Steel	Stainless steel	
				304	316
Nut without grounding	11	12	13	14	15
Nut with grounding	21	-	23	24	25

TYPE OF THE MATERIAL OF THE INSERT	INSERTS [X]				
	D3	D5	T9	KW8	AB
ZAMAK 5	●	●	●	●	●

How to order:

M22-1 — C.N — X.C — H.G — IP65

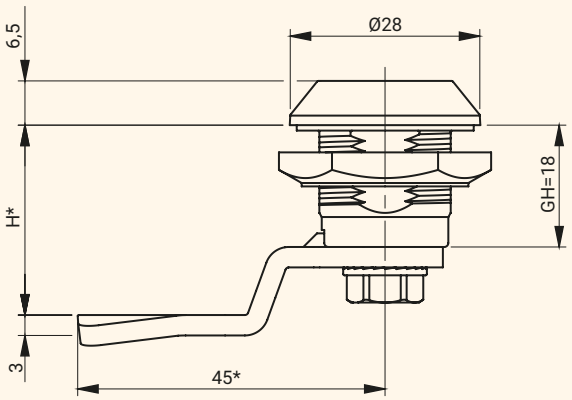
Type of lock
Type of body
Type of insert [X]
Type of cam
Klasa IP65

where C,N, G stand for:
C - type of the material and finishing of the surface
N - type of nut
H.G - the cam unbending dimension

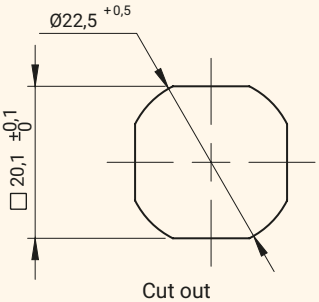
Notice:
The lock is fitted with cams from the group: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pg. 1C-10 to 1C-23)

Quarter turn M22-2

IP65







Cut out

FINISHING TYPE OF THE INSERT AND THE BODY [C]									
ZAMAK 5						Polyamide		Stainless steel	
Chrome	Nickel	Galvanized	RAL 9005	RAL 7035	No coating	RAL 9005	RAL 7035	304	316
01	02	03	04	05	00	7	8	9.1	-

THE TYPE OF THE NUT [N]					
	ZAMAK 5	Polyamide	Steel	Stainless steel	
				304	316
Nut without grounding	11	12	13	14	15
Nut with grounding	21	-	23	24	25

TYPE OF THE MATERIAL OF THE INSERT	INSERTS [X]										
	D3	D5	T8	T9	KW8	S	N	C9	HEX	T13	T13S
ZAMAK 5	●	●	●	●	●	●	●	●	●	●	●

How to order:

M22-2 — C.N — X.C — H.G — IP65

- Type of lock
- Type of body
- Type of insert [X]
- Type of cam
- IP65 class

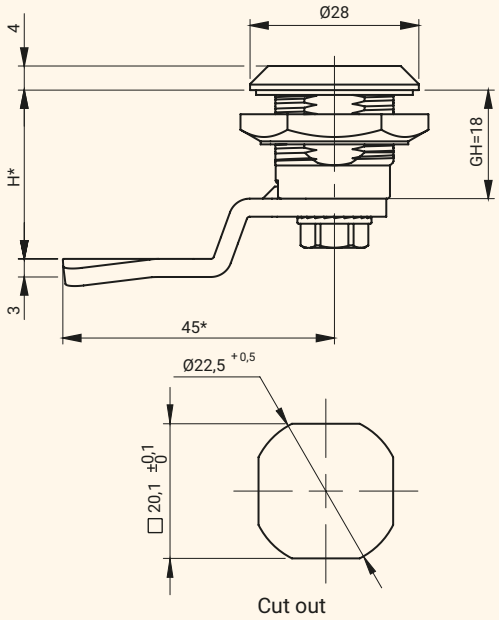
where C,N, G stand for:
C - type of the material and finishing of the surface
N - type of nut
H.G - the cam unbending dimension

Notice:
The lock is fitted with cams from the group: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pg. 1C-10 to 1C-23)

Quarter turn M22-3

IP65 IP66** EN 45545-2

for stainless steel version



FINISHING TYPE OF THE INSERT AND THE BODY [C]										
ZAMAK 5							Polyamide		Stainless steel	
Chrome	Nickel	Galvanized	RAL 9005	RAL 7035	KTL****	No coating	RAL 9005	RAL 7035	304	316
01	02	03	04	05	06	00	07	08	9.1	9.2

THE TYPE OF THE NUT [N]					
	ZAMAK 5	Polyamide	Steel	Stainless steel	
				304	316
Nut without grounding	11	12	13	14	15
Nut with grounding	21	-	23	24	25

TYPE OF THE MATERIAL OF THE INSERT		INSERTS [X]											
		D3	D5	T8	T9	KW8	S	HEX8	HEX10	Q	M11	M12	M2
ZAMAK 5		●	●	●	●	●	●	●	●	●	***		***
Polyamide		●	●	-	●	●	●	-	-	-			
Stainless steel	304	●	●	●	●	●	●	-	-	●			
	316	●	●	●	●	●	●	-	-	●			

* Possibility to order in another dimension
** On request.
*** Precise description of inserts M11, M12, M2 check pg. 2A-10
**** applies only to the body

How to order:

M22-3 — C.N — X.C — H.G — IP65

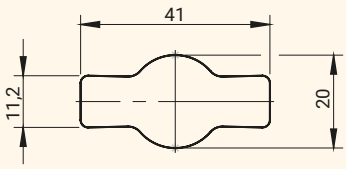
Type of lock
Type of body
Type of insert
Type of cam
IP65/IP66** class

where C,N, G stand for:
C - type of the material and finishing of the surface
N - type of nut
H.G - the cam unbending dimension

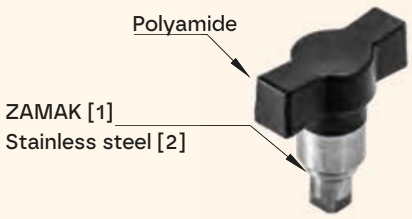
Notice:
The quarter turn is fitted with cams from the group: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pg. 1C-10 to 1C-23)

Butterfly knobs for M22-3 quarter turn

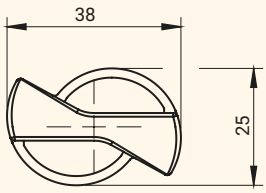
Type M11/M12



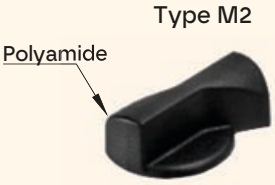
Type M11/M12

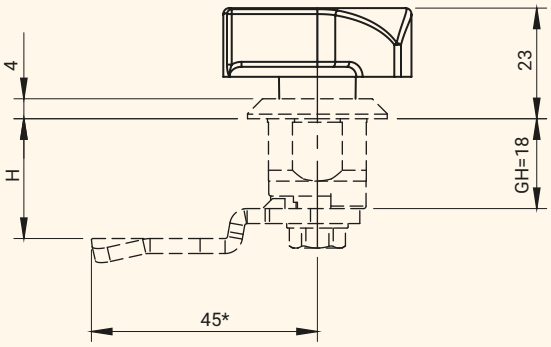


Type M2



Type M2





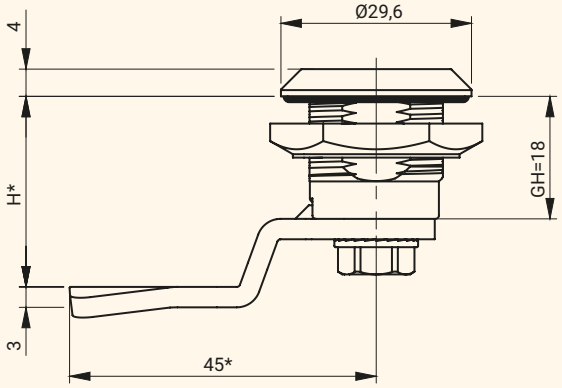
M11, M12, M2 butterfly knobs are compatible with M22-3 quarter turn - page 2A-9

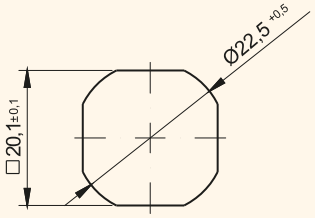
TYPE	MATERIAL		KNOB FINISH [D]	
	Insert	Knob	RAL 9005	RAL 7035
M11	ZAMAK 5	Polyamide	07	08
M12	Stainless steel	Polyamide		
M2	Polyamide	Polyamide		

Quarter turn M22-7
with PUR-type foam gasket

IP65 IP66** PUR







Cut out

M22-7 - Quarter turn type with PUR-type foam gasket

TYPE OF BODY [K]	
Polyamide	
RAL 9005	RAL 7035
07	08

MATERIAL AND FINISHING OF THE INSERT [C]					
Polyamide		ZAMAK 5			
RAL 9005	RAL 7035	Chrome	Nickel	RAL 9005	RAL 7035
07	08	01	02	04	05

TYPE OF THE MATERIAL OF THE INSERT	INSERTS [X]												
	D3	D5	T8	T9	KW8	C9	S	HEX8	HEX10	Q	M11	M12	M2
Polyamide	●	●	●	-	●	-	●	-	-		***		***
ZAMAK 5	●	●	●	●	●	●	●	●	●	●			

THE TYPE OF THE NUT [N]			
	ZAMAK 5	Polyamide	Steel
Nut without grounding	11	12	13

* Can be ordered in other sizes
** On request
*** Precise description of inserts M11, M12, M2 check pg. 2A-10

How to order:

M22-7 — K.N — X.C — H.G — IP66

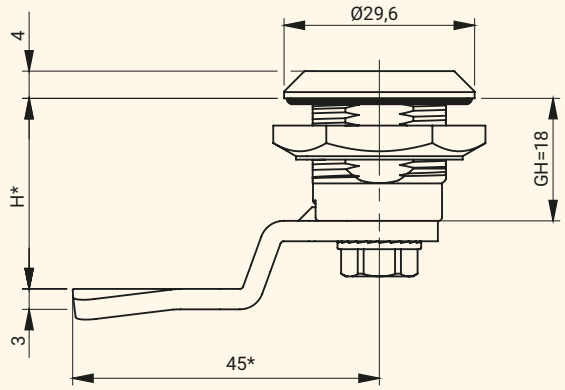
Type of lock
Type of body
Type of insert
Type of cam
IP6 class5/IP66**

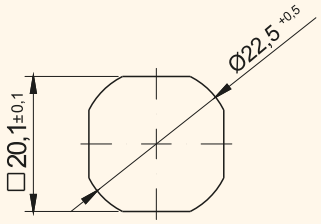
where C,N, G stand for:
C - type of the material and finishing of the surface
N - type of nut
H.G - the cam unbending dimension

Notice:
The quarter turn is fted with cams from the group: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pg. 1C-10 to 1C-23)

Quarter turn M22-8
with PUR-type foam gasket

IP65 IP66** PUR





Cut out



M22-8 - quarter turn type with PUR-type foam gasket

FINISHING TYPE OF THE INSERT AND THE BODY [C]				THE TYPE OF THE NUT [N]		
ZAMAK 5					ZAMAK 5	Steel
Chrome	Nickel	RAL 9005	RAL 7035	Nut without grounding	11	13
01	02	04	05	Nut with grounding	21	23

TYPE OF THE MATERIAL OF THE INSERT	INSERTS [X]									
	D3	D5	T8	T9	KW8	C9	S	HEX8	HEX10	Q
ZAMAK 5	●	●	●	●	●	●	●	●	●	●

* Can be ordered in other sizes
** On request.
*** Precise description of inserts M11, M12, M2 check pg. 2A-10

How to order:

M22-8 — C.N — X.C — H.G — IP66

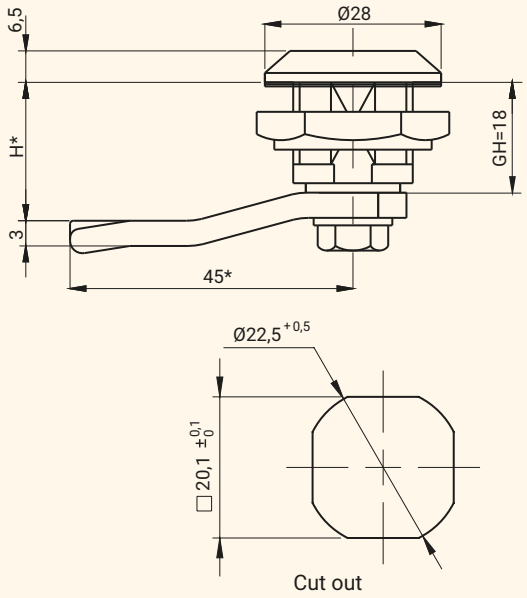
Type of lock
Type of body
Type of insert
Type of cam
IP6 class5/IP66**

where C,N, G stand for:
C - type of the material and finishing of the surface
N - type of nut
H.G - the cam unbending dimension

Notice:
The quarter turn is fted with cams from the group: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pg. 1C-10 to 1C-23)

Quarter turn M22-DU

IP65



TYPE OF MATERIAL AND PROTECTIVE COATING [C]									
INSERT								TYPE HOUSING [K]	
ZAMAK 5						Polyamide		Polyamide	
Chrome	Nickel	Galvanized	RAL 9005	RAL 7035	No coating	RAL 9005	RAL 7035	RAL 9005	RAL 7035
1	2	3	4	5	00	7	8	7	8

THE TYPE OF THE NUT [N]					
	ZAMAK 5	Polyamide	Steel	Stainless steel	
				304	316
Nut without grounding	11	12	13	14	15
Nut with grounding	21	-	23	24	25

Type of the material of the insert	INSERTS [X]										
	D3	D5	T8	T9	KW8	S	N	C9	HEX	T13	T13S
ZAMAK 5	●	●	●	●	●	●	●	●	●	●	●
Polyamide	●	●		-	-	●	-	-	-	-	-

How to order:

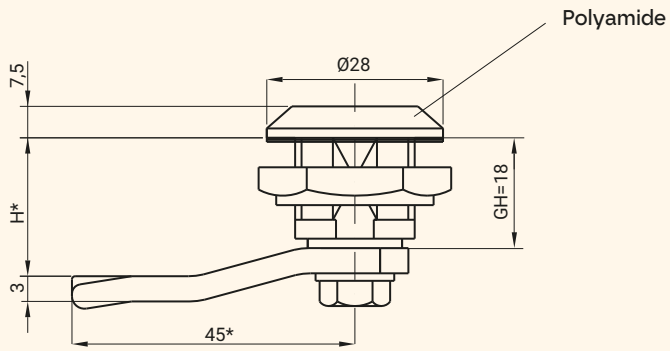
M22-DU — K.N — X.C — H.G — IP65

Type of lock
Type of body
Type of insert
Type of cam
IP65 class

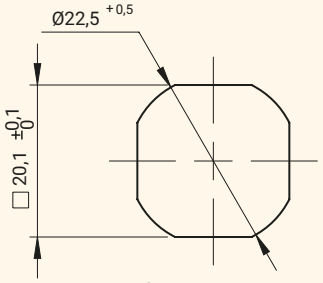
where C,N, G stand for:
C - type of the material and finishing of the surface
N - type of nut
H.G - the cam unbending dimension

Notice:
The quarter turn is fitted with cams from the group: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pg. 1C-10 to 1C-23)
Possibility of purchasing the quarter turn with the grounding element.
The body of the is available only in configuration of polyamide.

Quarter turn M22D







Cut out

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]		INSERT [X]
			RAL 9005	RAL 7035	
M22D	Housing,	Polyamide	07	08	
	Insert Cam	Steel zinc plated	-	-	GZ

THE TYPE OF THE NUT [N]					
	ZAMAK 5	Polyamide	Steel	Stainless steel	
				304	316
Nut without grounding	11	12	13	14	15
Nut with grounding	21	-	23	24	25

How to order:

M22D — C.N — GZ.C — H.G

Type of lock
Type of body
Type of insert
Type of cam

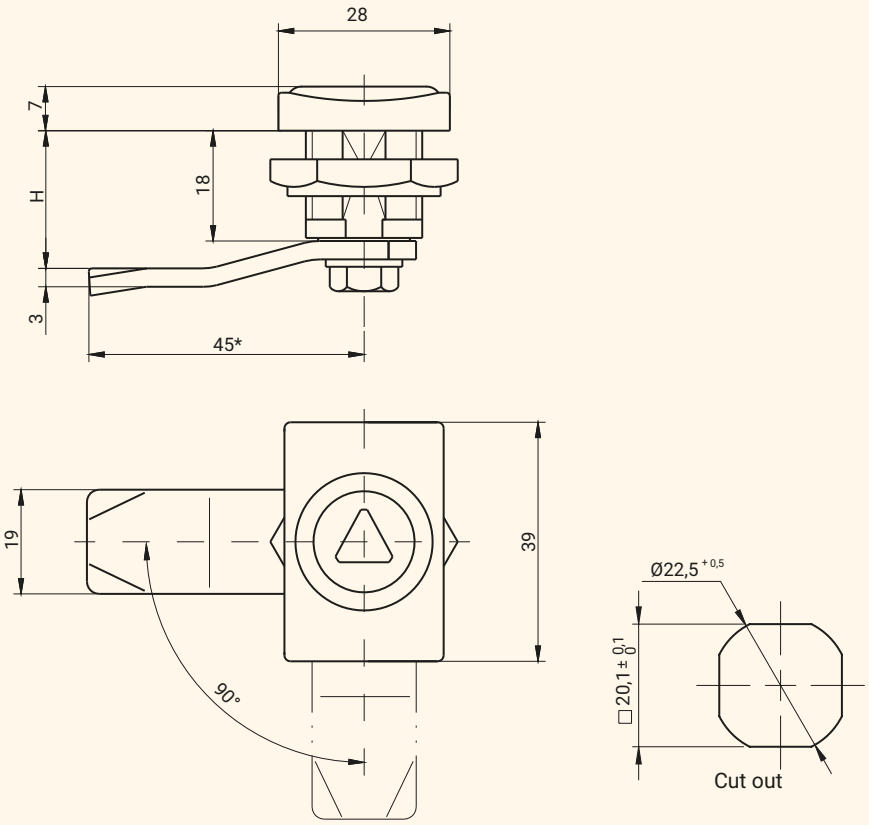
where C,N, G stand for:
C - type of the material and finishing of the surface
N - type of nut
H.G - the cam unbending dimension

Notice:
The quarter turn is fitted with cams from the group: 15, 16, 19, 21, 35, 36, JK1-10018, JK2-10018, J-6000.01, J-6000.02, JK-1610.01, JZ-001 (pg. 1C-12 to 1C-23)
Possibility of purchasing the quarter turn with the grounding element.
The body of the is available only in configuration of polyamide.

Quarter turn M22P

IP65





TYPE OF MATERIAL AND PROTECTIVE COATING [C]									
INSERT								TYPE HOUSING [K]	
ZAMAK 5						Polyamide		Polyamide	
Chrome	Nickel	Galvanized	RAL 9005	RAL 7035	No coating	RAL 9005	RAL 7035	RAL 9005	7035
01	02	03	04	05	00	07	08	07	08

THE TYPE OF THE NUT [N]					
	ZAMAK 5	Polyamide	Steel	Stainless steel	
				304	316
Nut without grounding	11	12	13	14	15
Nut with grounding	21	-	23	24	25

TYPE OF THE MATERIAL OF THE INSERT	INSERTS [X]											
	D3	D5	T8	T9	T10	T11	T13	KW8	S	N	C9	HEX
ZAMAK 5	●	●	-	●	●	●	●	●	●	●	●	●
Polyamide	●	●	-	-	-	-	-	-	-	-	-	-

How to order:

M22P — K.N — X.C — H.G

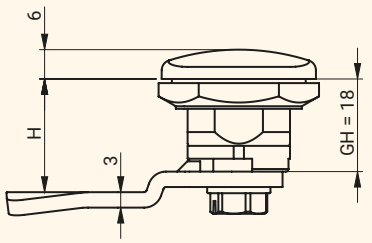
Type of lock
Type of body
Type of insert
Type of cam

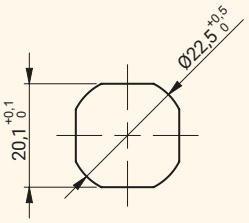
where:
C - type of the material and finishing of the surface
N - type of nut
H.G - the cam unbending dimension

Notice:
The quarter turn is fitted with cams from the group: 15, 16, 19, 21, 35, 36, JK1-10018, JK2-10018, J-6000.01, J-6000.02, JK-1610.01, JZ-001 (pg. 1C-12 to 1C-23)

Quarter turn M22-5

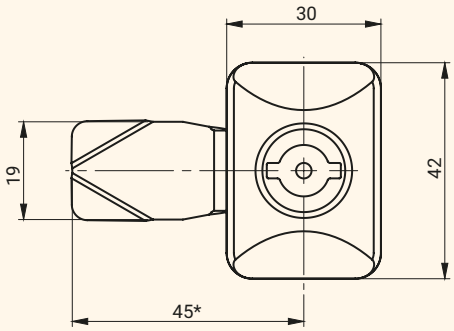
IP66





Cut out





TYPE OF MATERIAL AND PROTECTIVE COATING OF THE INSERT [C]										TYPE HOUSING [K]	
ZAMAK 5						Polyamide		Stainless steel		Polyamide	
Chrom	Nikiel	Ocynk	RAL 9005	RAL 7035	No coating	RAL 9005	RAL 7035	304	316	RAL 9005	RAL 7035
01	02	03	04	05	00	07	08	9.1	9.2	07	08

THE TYPE OF THE NUT [N]					
	ZAMAK 5	Polyamide	Steel	Stainless steel	
				304	316
Nut without grounding	11	12	13	14	15
Nut with grounding	21	-	23	24	25

TYPE OF THE MATERIAL OF THE INSERT		INSERTS [X]							
		D3	D5	T8	T9	KW8	S	HEX8W	HEX10W
ZAMAK 5		●	●	●	-	●	●	●	●
Polyamide		●	●	-	●	●	●	-	-
Stainless steel	304	●	●	●	●	●	●	-	-
	316	●	●	●	●	●	●	-	-

How to order:

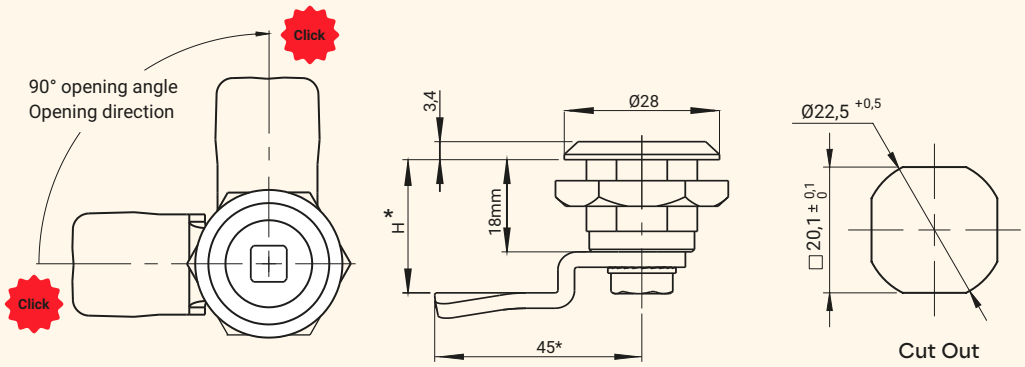
M22-5 — K.N — X.C — H.G — IP65

Type of lock
Type of body
Type of insert
Type of cam
IP class

where:
C, D - type of the material and finishing of the surface
N - type of nut
H.G - the cam unbending dimension (H - locking height, G - group)

Notice:
The quarter turn is fitted with cams from the group: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pg. 1C-10 to 1C-23)

Quarter turn M22GP4, M22GP5

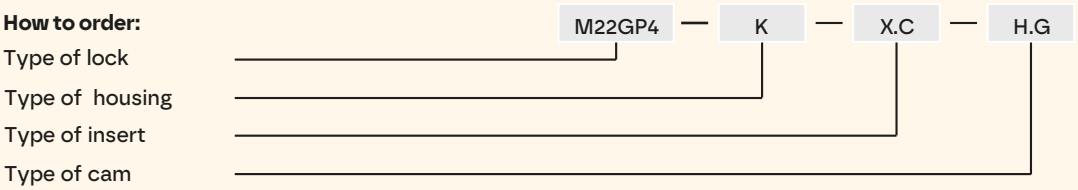


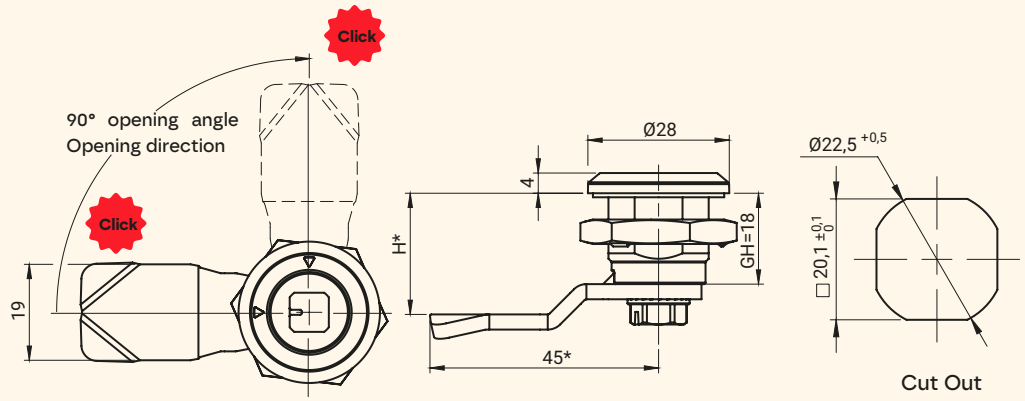
Comments:
The opening and closing of the quarter turn is signalled by a sound effect.

INSERT [X]				INSERT FINISH [C]				HOUSING FINISH [K]	
				Chrome	Nickel	RAL 9005	RAL 7035	RAL 9005	RAL 7035
D5	T8	KW8	KW8 inner	01	02	04	05	07	08

TYPE OF LOCK	COMPONENTS	MATERIAL
M22GP4	Housing	Polyamide
	Insert	ZAMAK 5
	Cam	Steel zinc plated

How to order:



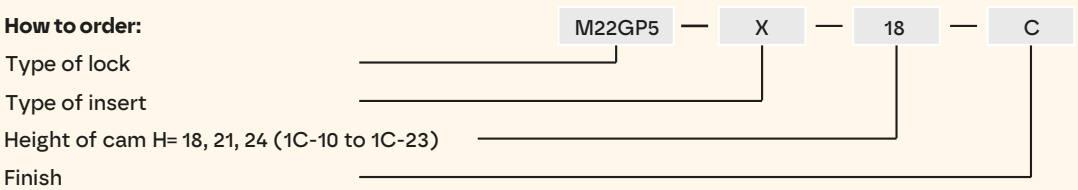


Comments:
The opening and closing of the quarter turn is signalled by a sound effect.

INSERT [X]				FINISH [C]			
				Chrome	Nickel	RAL 9005	RAL 7035
D5	T8	KW8	KW8 inner	01	02	04	05

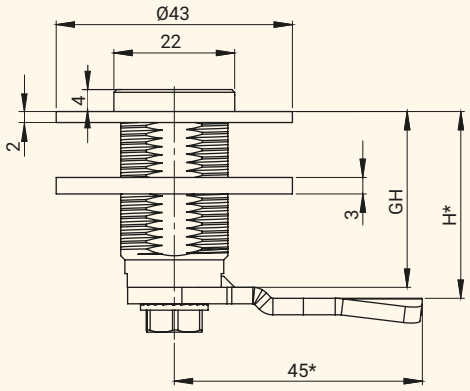
TYPE OF LOCK	COMPONENTS	MATERIAL
M22GP5	Housing, insert	ZAMAK 5
	Cam	Steel zinc plated

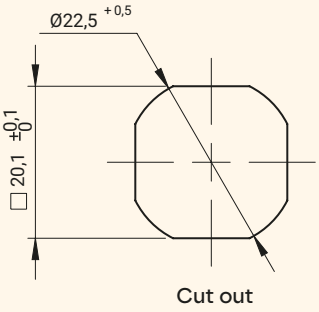
How to order:



* possibility to make in another dimension
If you order a custom cam, please contact your dealer for further details.

Quarter turn M22K, M22KW

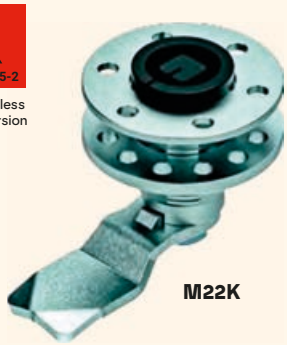




Cut out

EN 45545-2

for stainless steel version



M22K



M22KC

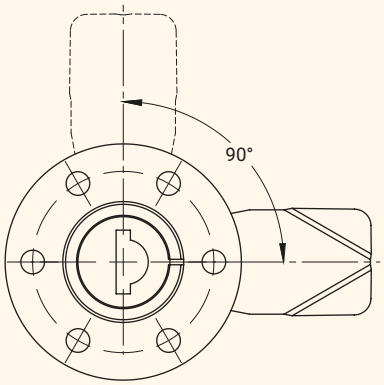


M22KW

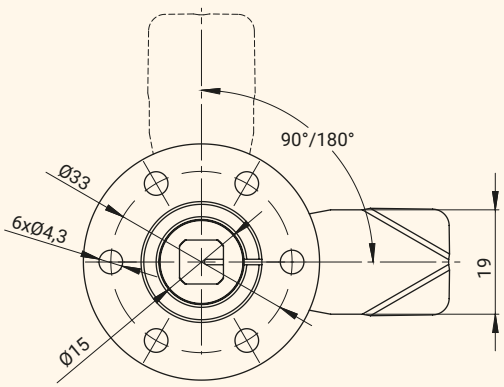


M22KWC

M22KW



M22K / M22K15



Quarter turn in the left-hand version of the door, right-hand version is a mirror reflection

KEY CODE					
1333	405E	455E	1242E	2432E	RK

INSERTS [X]				FINISH [C]		
				Chrome	Nickel	RAL 9005
T9	T10	KW8	S	01	02	04

TYPE OF LOCK	GH	COMPONENTS	MATERIAL
M22K, M22KC M22KW, M22KWC	32	Housing, Insert	ZAMAK5
		Cam	Zinc plated steel
M22KSN		Housing, Insert, Cam	Stainless steel
M22K15, M22K15	15	Housing, Insert, Cam	Zinc plated steel
M22K15SN M22K15SNC		Housing, Insert, Cam	Stainless steel

How to order:

M22K — X — H.G. — 02 — 90 — L

Type of lock

The type of insert (M22K) / key code (M22KW)

The height of cam H

Finish [C]

Opening angle (90 , 180)° °

Type of lock (L-Left, R-Right)

Quarter turn at the height of GH=15mm is available only in a version with shaped insert

The quarter turn M22K is fted with cams from the group: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pg. 1C-10 to 1C-23)

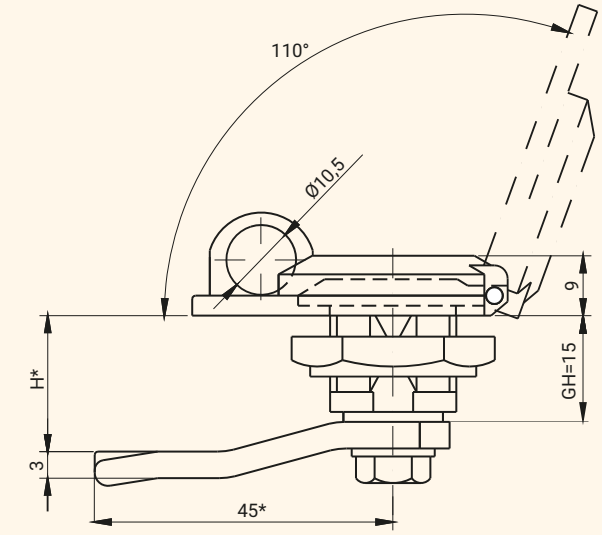
The quarter turn M22KW is fted with cams from the group: 15, 16, 19, 21, 35, 36, JK1-10018, JK2-10018, J-6000.01, J-6000.02, JK-1610.01, JZ-001 (pg. 1C-12 to 1C-23)

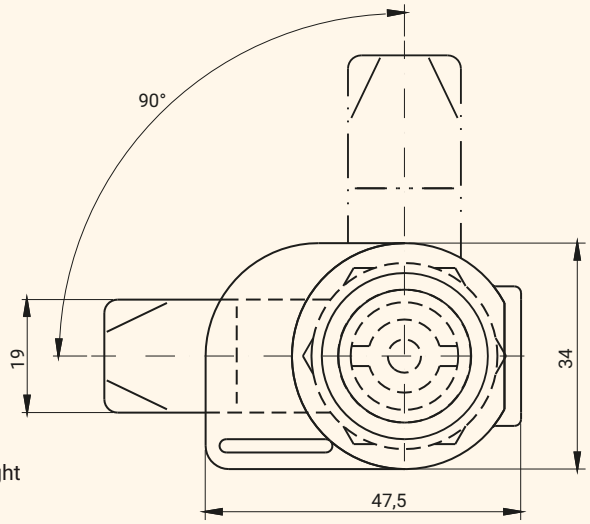
* Possibility to order in a different dimension

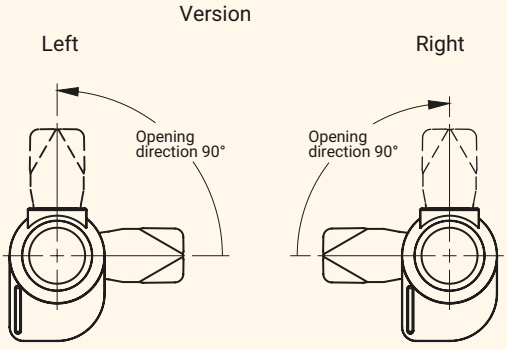
Quarter turn M22B

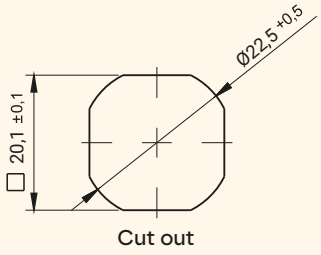
IP65











INSERT [X]							FINISH [C]			
							Chrome	Nickel	RAL 9005	RAL 7035
D3	D5	T9	T10	KW8	S	N	01	02	04	05

TYPE OF LOCK	COMPONENTS	MATERIAŁ
M22B	Housing, insert	ZAMAK 5
	Cam	Steel zinc plated
	Blocade	Stainless steel

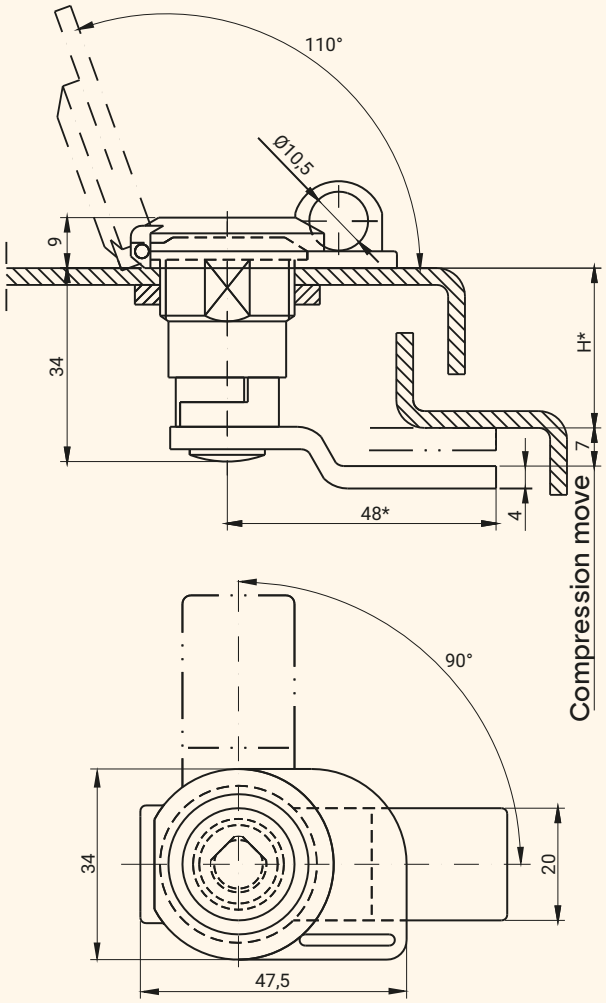
How to order:

M22/B — X — 15 — C — L

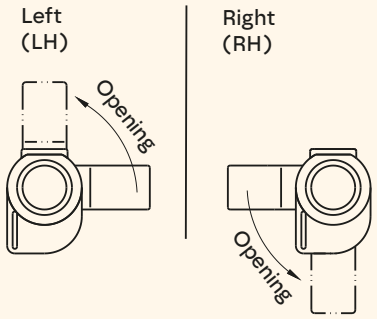
- Type of lock
- Type of insert
- Height of cam H =15, 18, 21, 26
- Finish
- Type of lock (RH - Right, LH-Left)

* possibility to make in another dimension

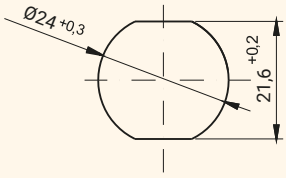
Quarter turn M24B







Pic.1
Quarter turn in the closed position. The arrow means the direction opening the lock



Cut out

Quarter turn on the drawing in the left door version
The possibility adapting the lock to the door right (Pic.1)

INSERT [X]										FINISH [C]		
										Nickel	RAL 9005	RAL 7035
T6	T8	T9	L	KW8	S	N	C9	D3	D5	02	04	05

TYPE OF LOCK	COMPONENTS	MATERIAL
M24B	Housing	ZAMAK 5
	Cam, insert	Steel zinc plated
	Blocade	Stainless steel

How to order:

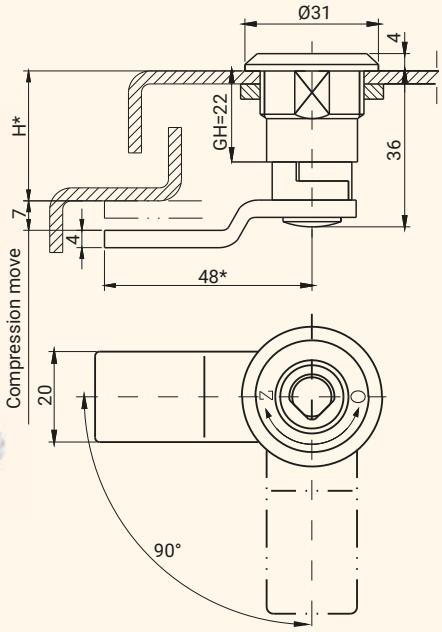
M24B — X — 20 — C — L

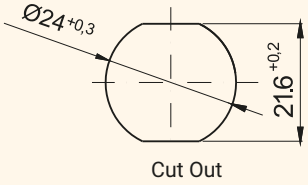
Type of lock
Type of insert
Height of cam H =20, 23, 26
Finish
Type of lock (RH - Right, LH-Left)

* possibility to make in another dimension

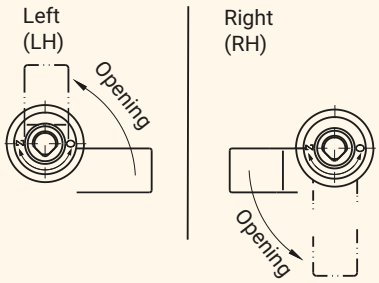
Quarter turn M24, M24ZN







Cut Out



Lock on the drawing in the left door version The possibility adapting the lock to the door right (Pic.1).

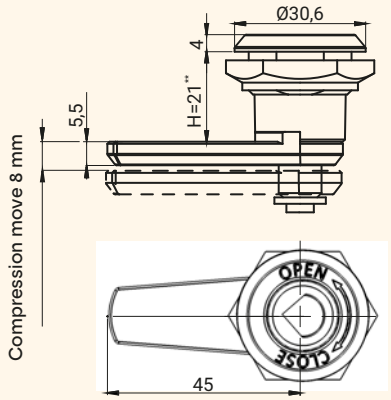
Pic.1 Lock in the closed position. The arrow means the direction opening the lock

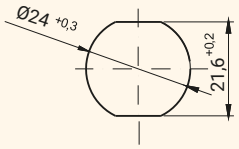
INSERTS [X]										FINISH [C]		
										Nickel	RAL 9005	RAL 7035
T6	T8	T9	L	KW8	S	N	C9	D3	D5	02	04	05

TYPE OF LOCK	COMPONENTS	MATERIAL
M24	Housing	ZAMAK 5
	Cam, insert	Steel zinc plated

IP65







Cut Out

INSERTS [X]										FINISH [C]		
										Nickel	RAL 9005	RAL 7035
T6	T8	T9	T10	L	KW8	S	N	C9	D3	D5	02	04	05

TYPE OF LOCK	COMPONENTS	MATERIAL
M24ZN	Housing, cam	ZAMAK 5
	Insert	Steel zinc plated

How to order:

M24 — X — 21 — C

Type of lock

Type of insert

Height of cam H =22, 25, 28, 31

Finish

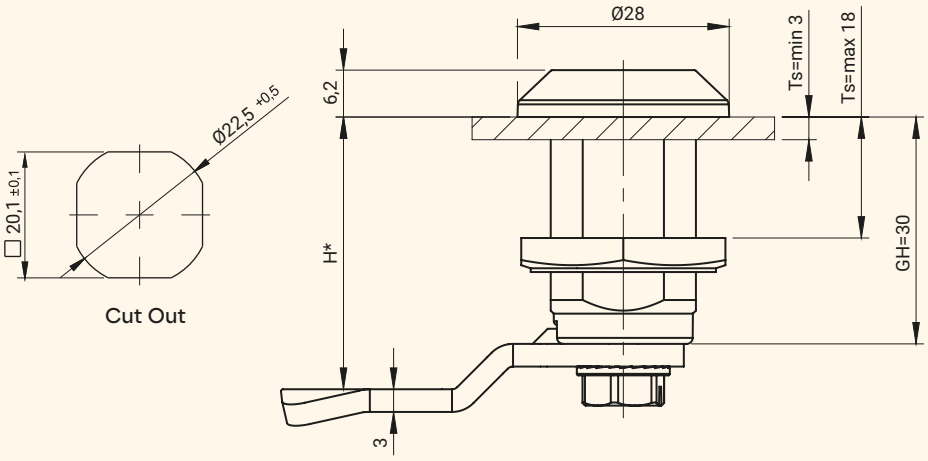
* possibility to make in another dimension

** Quarter turn M24ZN available only with cam dimension H=21 mm

Quarter turn M22-30

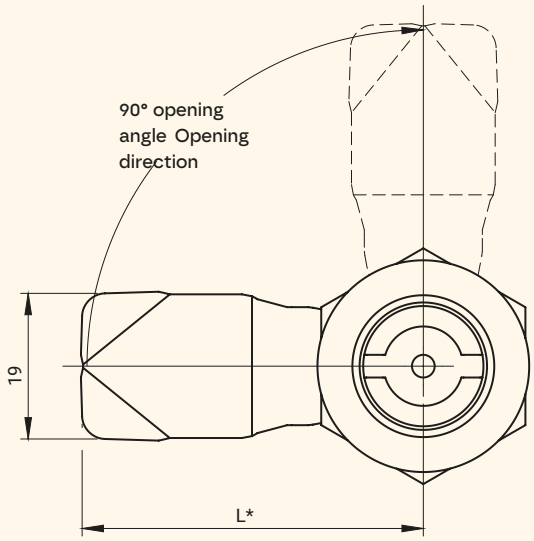
EN 45545-2

for stainless steel version





M22-30.02





M22-30.01

Additional protection lock is a "Blocade" (see page 2A-124, 126)

INSERTS [X]							FINISH [C]			
							Chrome	Nickel	RAL 9005	RAL 7035
D3	D5	T9	KW8	S	N	C9	01	02	04	05

TYPE OF LOCK	COMPONENTS	MATERIAL
M22-30.01	Housing,	ZAMAK 5
M22-30.02	insert Cam	Steel zinc plated

How to order:

M22-30.01.C — X.C — H.G

Type of lock

Housing finish

Type of insert

Insert finish

Height of cam H (1C-10 - 1C-23)

where:

H - the cam unbending dimension

G - cam group

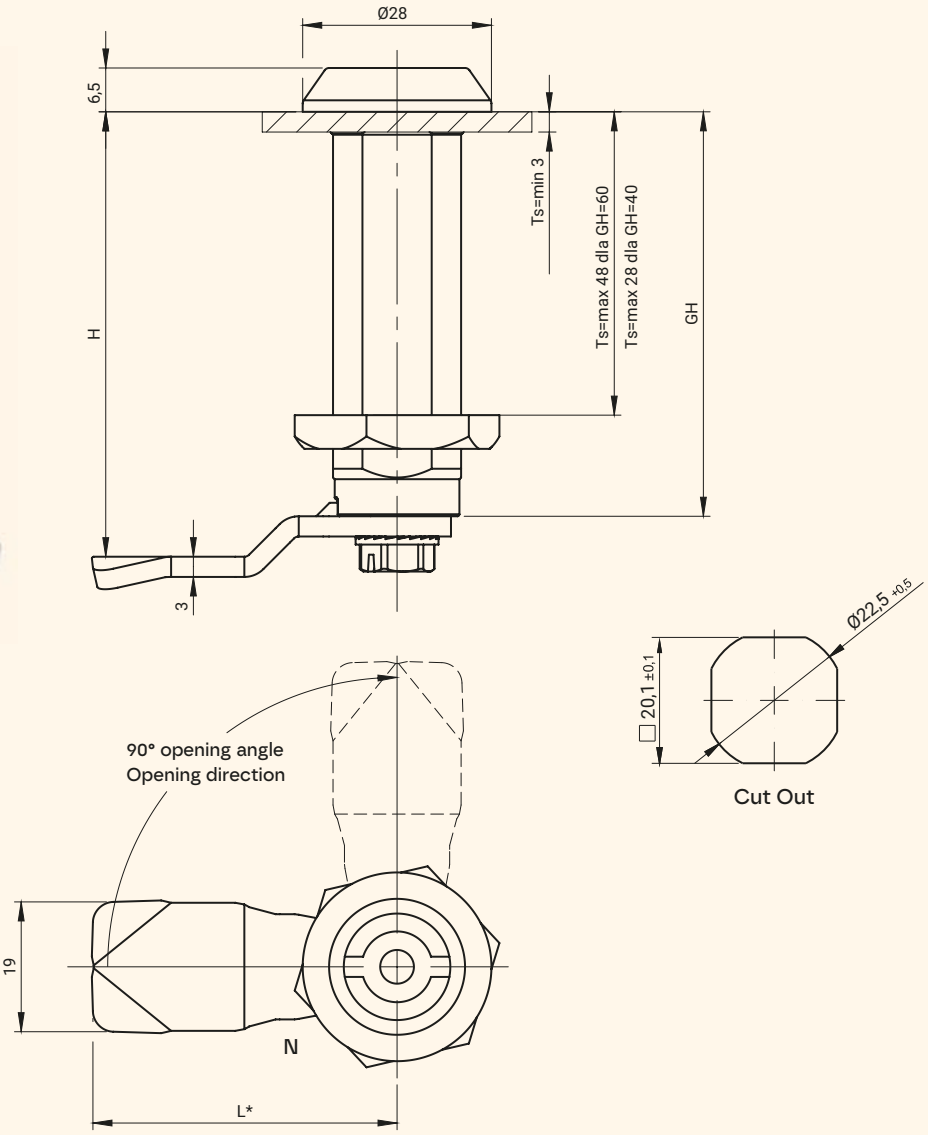
Ts - door thickness

* possibility to make in another dimension

The lock is fitted with cams from the group: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pg. 1C-10 to 1C-23)

Quarter turn M22-40, M22-60





Additional protection lock is a "blocade" see page (2A-124, 126)

INSERT [X]							FINISH [C]			
D3	D5	T9	KW8	S	M22-	C9	Chrome 01	Nickel 02	RAL 9005 04	RAL 7035 05

TYPE OF LOCK	DIMENSION GH	COMPONENTS	MATERIAL
M22-40	40	Housing, insert	ZAMAK 5
		Cam	Steel zinc plated
M22-60	60	Housing, insert	ZAMAK 5
		Cam	Steel zinc plated

How to order:

	—	X.C	—	H.G

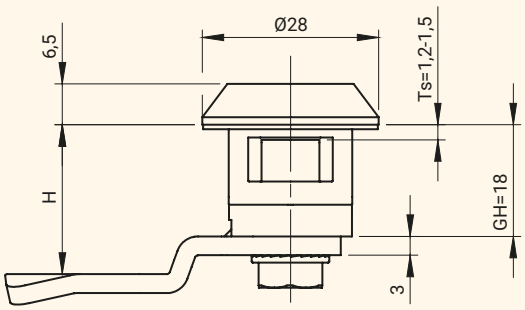
Type of lock
Housing finish
Type of insert
Insert finish
Height of cam H

where:
H - the cam unbending dimension
G - cam group
Ts - door thickness

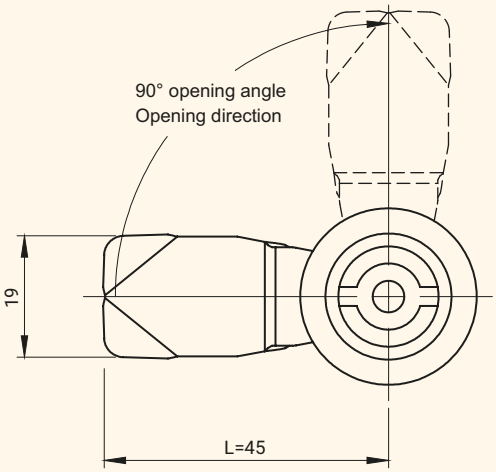
* possibility to make in another dimension
The lock is fitted with cams from the group: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pg. 1C-10 to 1C-23)

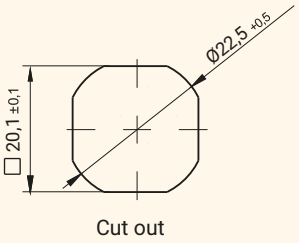
Quarter turn M22ZD1

LH/RH









Cut out

INSERT [X]							INSERT FINISH [C]				HOUSING FINISH [K]	
							Chrome	Nickel	RAL 9005	RAL 7035	RAL 9005	RAL 7035
D3	D5	T9	KW8	S	N	C9	01	02	04	05	07	08

NAME	COMPONENTS	MATERIAL
M22ZD1	Housing	Poliamide
	Insert	ZAMAK 5
	Cam	Steel zinc plated

How to order:

Type of lock

Type of insert [X] / Insert finish [C]

Height of cam [H]

Housing finish [K]

M22ZD1 — X.C — H.G — K

where:
H - the cam unbending dimension
G - cam group

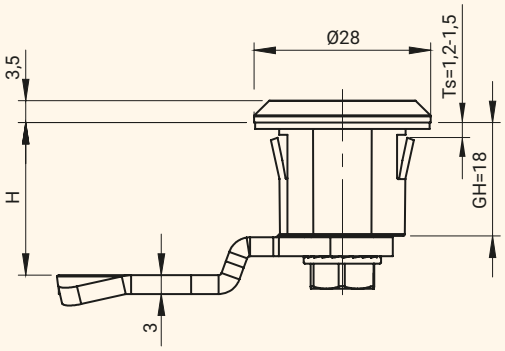
* possibility to make in another dimension

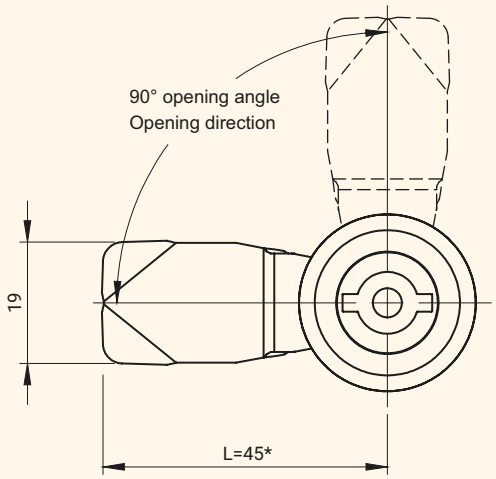
The lock is fitted with cams from the group: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pg. 1C-10 to 1C-23)

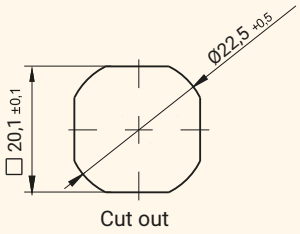
Quarter turn M22ZD2

LH/RH









TYPE OF THE MATERIAL OF THE INSERT	INSERT [X]							
	D3	D5	T9	KW8	S	N	C9	HEX6
ZAMAK 5	●	●	●	●	●	●	●	●
Poliamide	●	●	-	-	●	●	-	-

INSERT FINISH [C]			
Chrome	Nickel	RAL 9005	RAL 7035
01	02	04	05
-	-	07	08

NAME	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
M22ZD2	Housing	Poliamide	04	05
	Insert	ZAMAK 5 / Poliamide	-	-
	Cam	Steel zinc plated	-	-

How to order:

M22ZD2 — X — H.G — C

Type of lock
Type of insert [X]
Height of cam [H]
Finish [C]

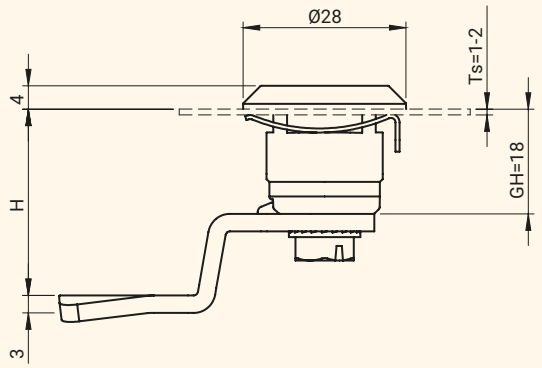
where:
H - the cam unbending dimension
G - cam group

* possibility to make in another dimension

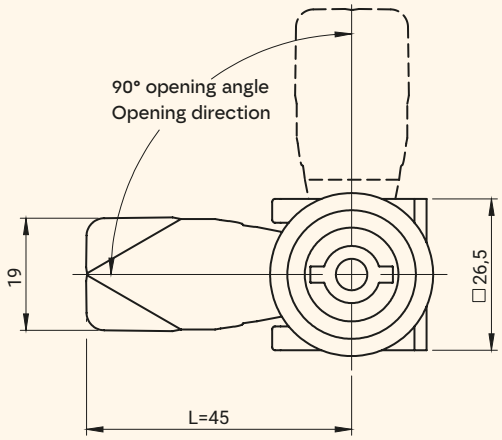
The quarter turn is fitted with cams from the group: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pg. 1C-10 to 1C-23)

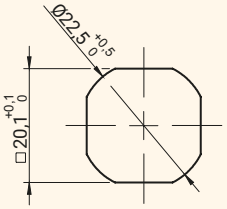
Quarter turn M22ZD3

LH/RH IP40 NEW









Cut out

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
M22ZD3	Housing, Insert	Polyamide	07	08
	Fixing clip	Zinc plated steel	-	-

INSERTS [X]				
				
D3	D5	T9	KW8	S

How to order:

Type of lock Housing finish / insert [C]
Type of insert [X]
The height of cam H

M22ZD3 — C — X — H.G

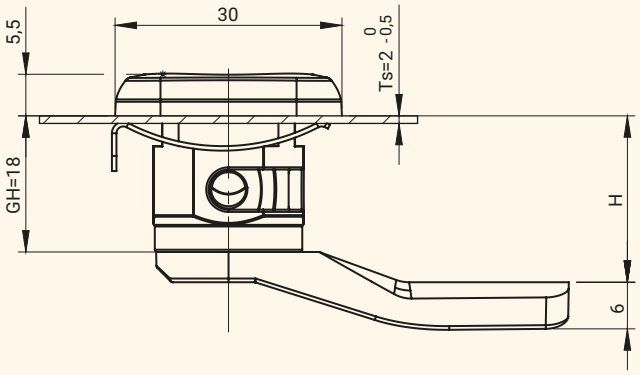
where:
H - the cam unbending dimension
G - cam group
The quarter turn is fitted with cams from the group: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pg. 1C-10 to 1C-23)

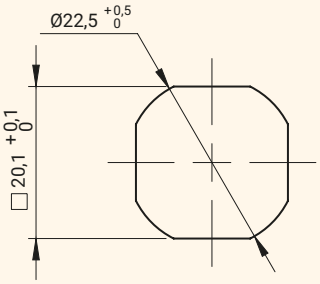
* possibility to make in another dimension

Quarter turn M22DS
with PUR-type foam gasket

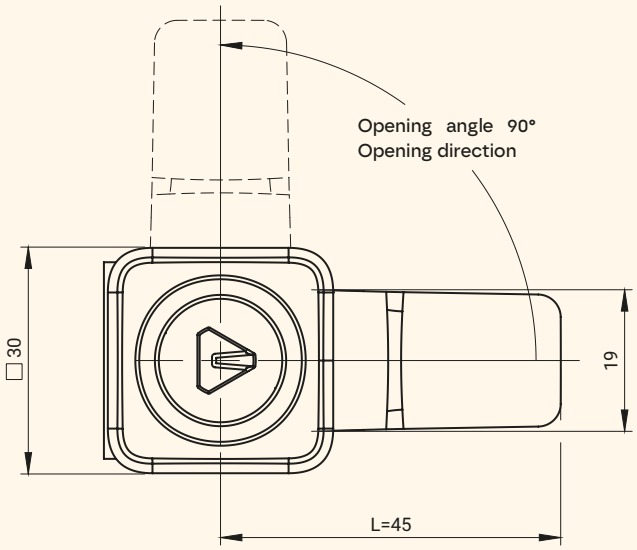
NEW | LH/RH | IP65 | PUR







Cut out



TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
M22DS	Housing	Polyamide PAGF30	07	08
	Housing, Insert	Polyamide PA6		
	Fixing clip	Steel zinc plated		

INSERTS [X]			
			
D3	D5	KW8	T8

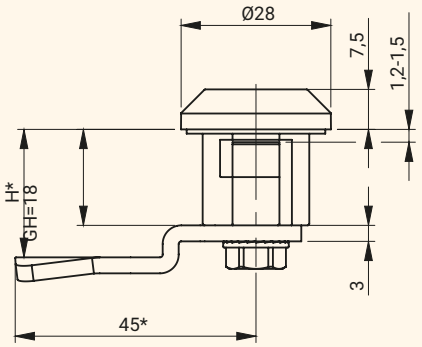
How to order:
Type of quarter turn
Housing finish / insert [C]
Type of insert
The height of cam H=18, 22, 24

M22DS.C — X — 22

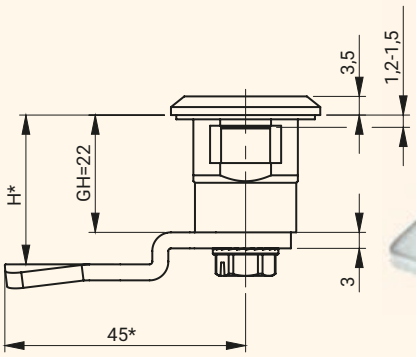
Ts - thickness of metal sheet

Quarter turn M22ZW, M22ZW22

M22ZW

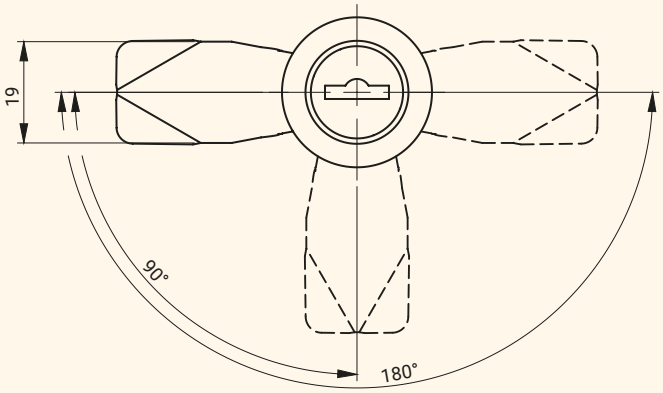


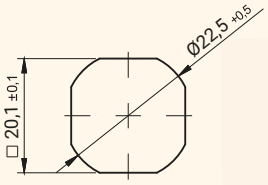
M22ZW22





M22ZW





Cut Out



M22ZW22

KEY CODE						FINISH [C]	
1333	405E	455E	1242E	2432E	RK	RAL 9005	RAL 7035
						07	08

TYPE OF LOCK	COMPONENTS	MATERIAL
M22ZW **M22ZW22**	Housing	Poyamide
	Cam	Steel zinc plated

How to order:

M22ZW — 1333 — H.G — 90 — C

- Type of quarter turn
- Key code
- Height of cam H
- The opening angle of (90°, 180°)
- Finish

* possibility to make in another dimension

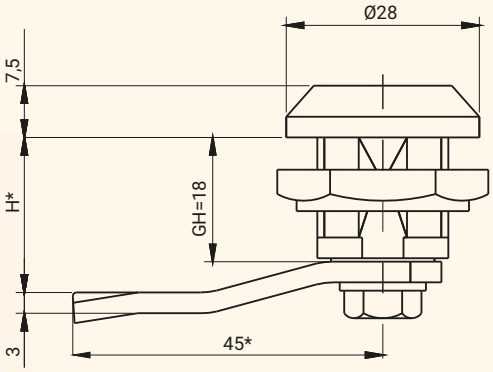
H.G - the cam unbending dimension
(H-locking height, G-group)

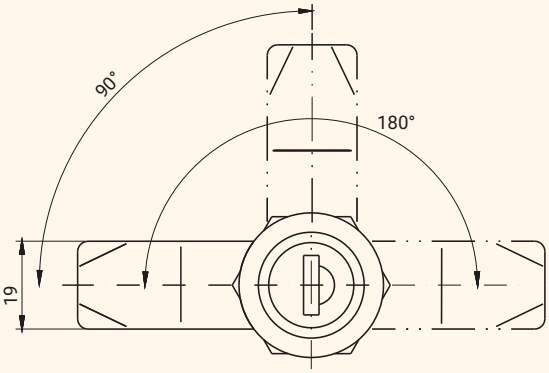
The quarter turn is fitted with cams from the group: 15, 16, 19, 21, 35, 36, JK1-10018, JK2-10018, J-6000.01, J-6000.02, JK-1610.01, JZ-001 (pg. 1C-12 to 1C-23)

Quarter turn M22W, M22WSN

IP65







The lock has an additional seal providing IP65

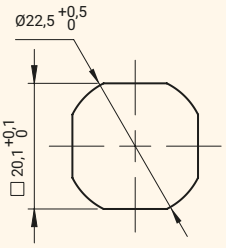
KEY CODE						FINISH [C]				
1333	405E	455E	1242E	2432E	RK	Chrome	Nickel	Zn **	RAL9005	RAL7035
						01	02	03	04	05

TYPE OF LOCK	COMPONENTS	MATERIAL
M22W	Housing	ZAMAK 5
	Cam	Steel zinc plated

How to order :

M22W — 1333 — H.G — 90 — C

- Type of quarter turn
- Key code
- Height of cam H
- The opening angle of (90°, 180°)
- Finish

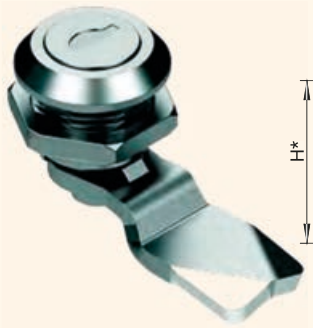


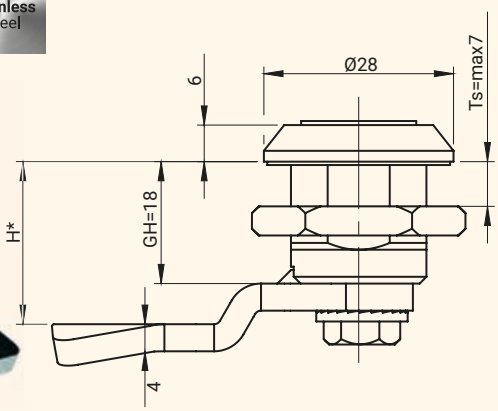
Cut out

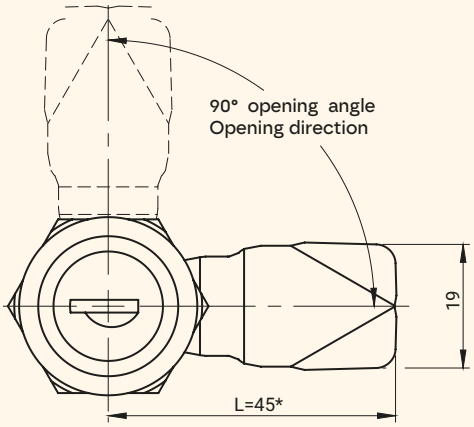
* possibility to make in another dimension
** galvanized
The quarter turn is fitted with cams from the group: 15, 16, 19, 21, 35, 36, JK1-10018, JK2-10018, J-6000.01, J-6000.02, JK-1610.01, JZ-001 (pg. 1C-12 to 1C-23)

NEW

stainless steel







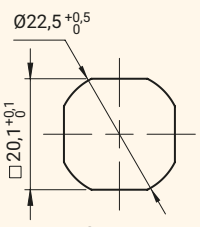
TYPE OF LOCK	COMPONENTS	MATERIAL
M22WSN	Housing, Latch	Stainless steel (ASI 316)

How to order:

M22WSN — 1333 — H.G

- Type of quarter turn
- Key code
- The height of cam H

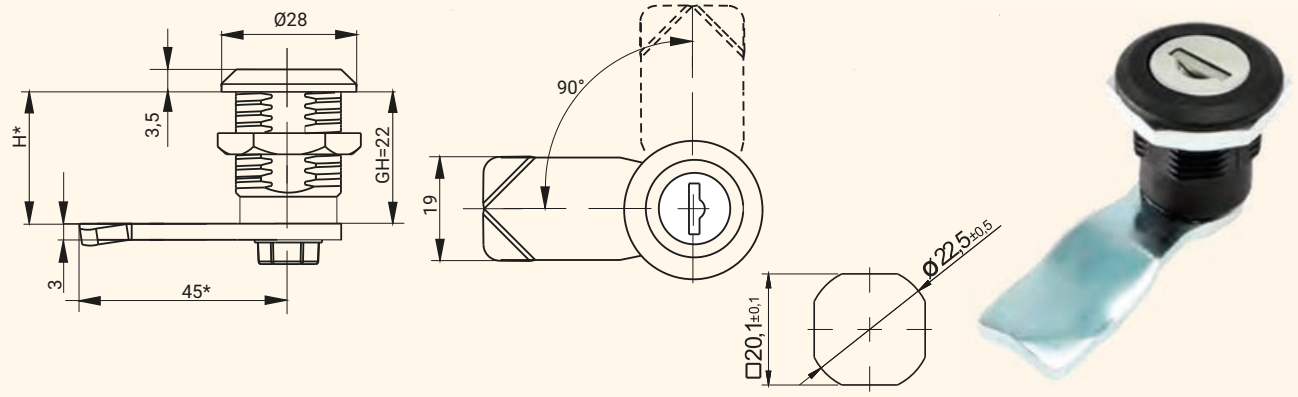
where:
H - the cam unbending dimension
G - cam group
Ts - door thickness
The lock is fitted with cams from the group: 14, 17A, 34, JK1-16018SN, JK2-16018SN, J-6000.03SN, J-6000.04SN, JK-1610.01 (pg. 1C-10 to 1C-21)



Cut out

* possibility to make in another dimension

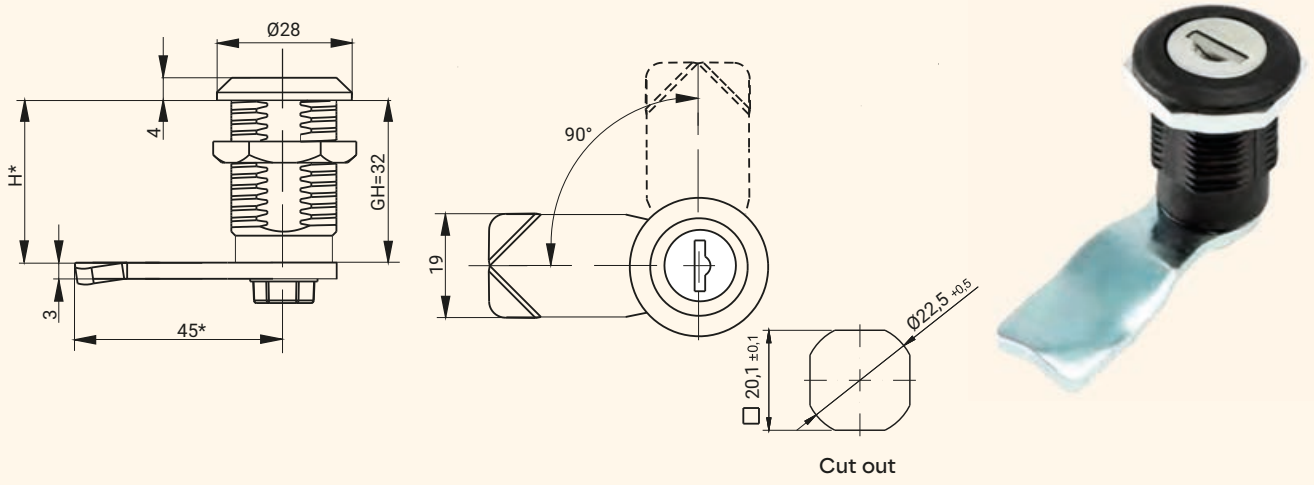
Quarter turn M22DW22, M22W32



Cut out

KEY CODE						FINISH [C]	
1333	405E	455E	1242E	2432E	RK	RAL 9005	RAL 7035
						07	08

TYPE OF LOCK	COMPONENTS	MATERIAL
M22DW22	Housing	Polyamide
	Cam	Steel zinc plated



Cut out

KEY CODE						FINISH [C]			
1333	405E	455E	1242E	2432E	RK	Chrome	Nickel	RAL 9005	RAL 7035
						01	02	04	05

TYPE OF LOCK	COMPONENTS	MATERIAL
M22W32	Housing	ZAMAK 5
	Cam	Steel zinc plated

How to order:

M22W32 — 1333 — H.G — C

Type of quarter turn

Key code

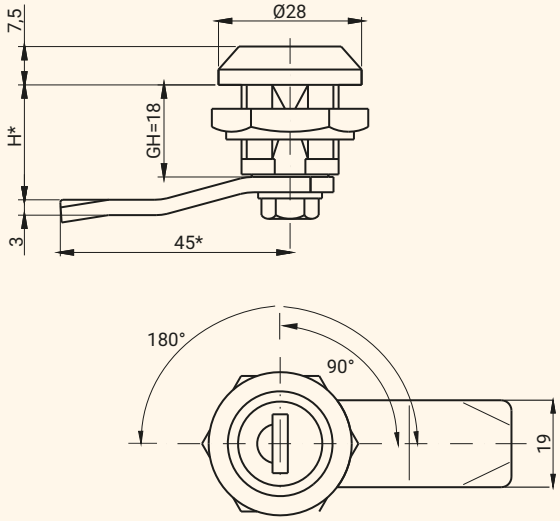
Height of cam H

Finish

* possibility to make in another dimension
H.G - the cam unbending dimension (H-locking height, G-group)
The quarter turn is fitted with cams from the group: 15, 16, 19, 21, 35, 36, JK1-10018, JK2-10018, J-6000.01, J-6000.02, JK-1610.01, JZ-001 (pg. 1C-12 to 1C-23)

Quarter turn M22DW, M22PW

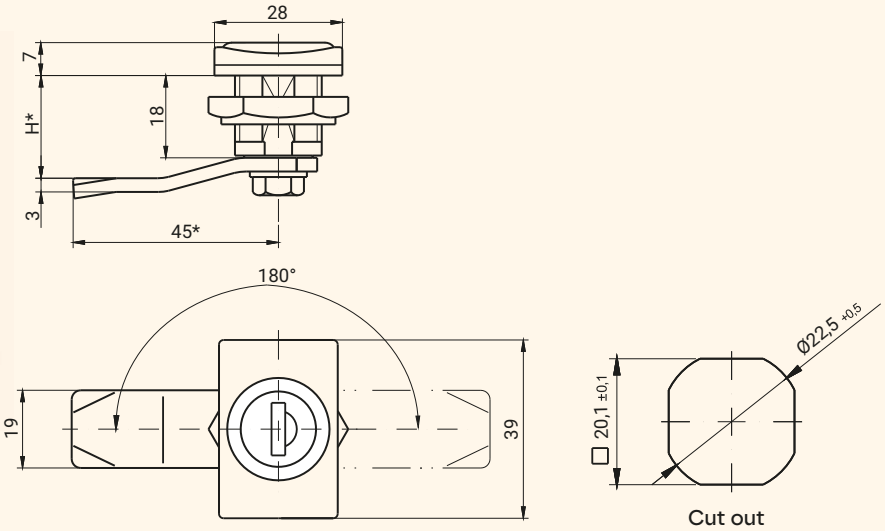




KEY CODE						FINISH [C]			
1333	405E	455E	1242E	2432E	RK	RAL 9005	07	RAL 7035	08

TYPE OF LOCK	COMPONENTS	MATERIAL
M22DW	Housing	Polyamide
	Cam	Steel zinc plated





KEY CODE						FINISH [C]			
1333	405E	455E	1242E	2432E	RK	RAL 9005	07	RAL 7035	08

TYPE OF LOCK	COMPONENTS	MATERIAL
M22PW	Housing	Polyamide
	Cam	Steel zinc plated

How to order:

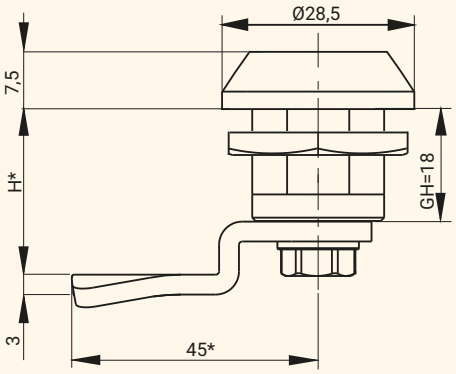
M22DW — 1333 — H.G — 90 — C

- Type of quarter turn
- Key code
- Height of cam H
- The opening angle of (90°, 180°)
- Colour of housing

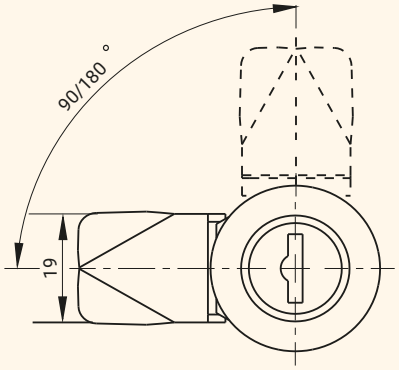
* possibility to make in another dimension
Quarter turns are configured with insert and the nut of polyamide
H.G - the cam unbending dimension (H-locking height, G-group)
The quarter turn is fitted with cams from the group: 15, 16, 19, 21, 35, 36, JK1-10018, JK2-10018, J-6000.01, J-6000.02, JK-1610.01, JZ-001 (pg. 1C-12 to 1C-23)

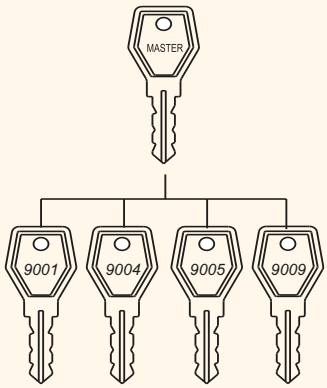
Quarter turn M22MS

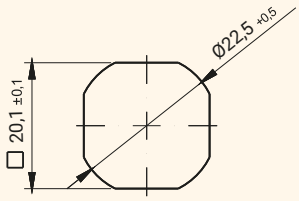
LH/RH











Cut Out

KEY CODE	FINISH [C]			
	Chrome	Nickel	RAL 9005	RAL 7035
9001 - 9010	01	02	04	05

TYPE OF LOCK	COMPONENTS	MATERIAL
M22MS	Housing	ZAMAK 5
	Cam	Steel zinc plated

How to order:

M22MS — 9006 — H.G — 90 — C

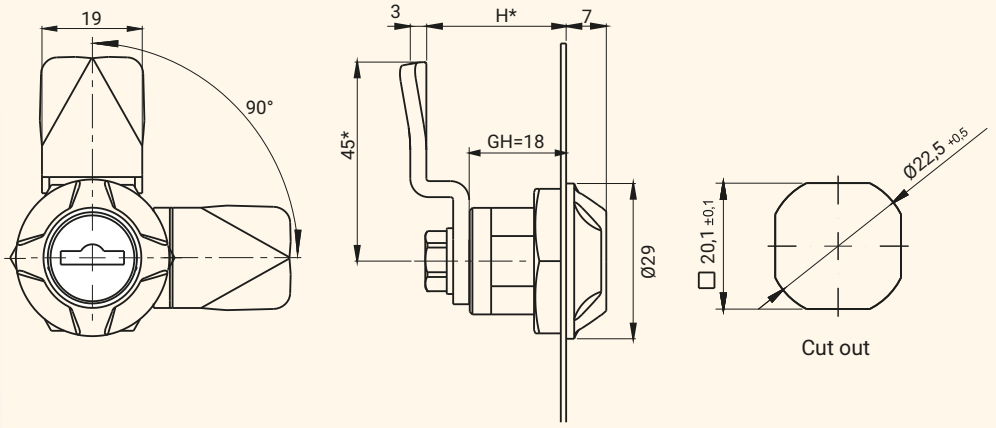
- Type of quarter turn
- Key code
- Height cam H
- Angle of rotation (90°, 180°)
- Finish

* possibility to make in another dimension
In order to configure the system master please to contact the dealer.
The quarter turn is fitted with cams from the group: 15, 16, 19, 21, 35, 36, JK1-10018, JK2-10018, J-6000.01, J-6000.02, JK-1610.01, JZ-001 (pg. 1C-12 to 1C-23)

Quarter turn M22EW, M22FW

LH/RH



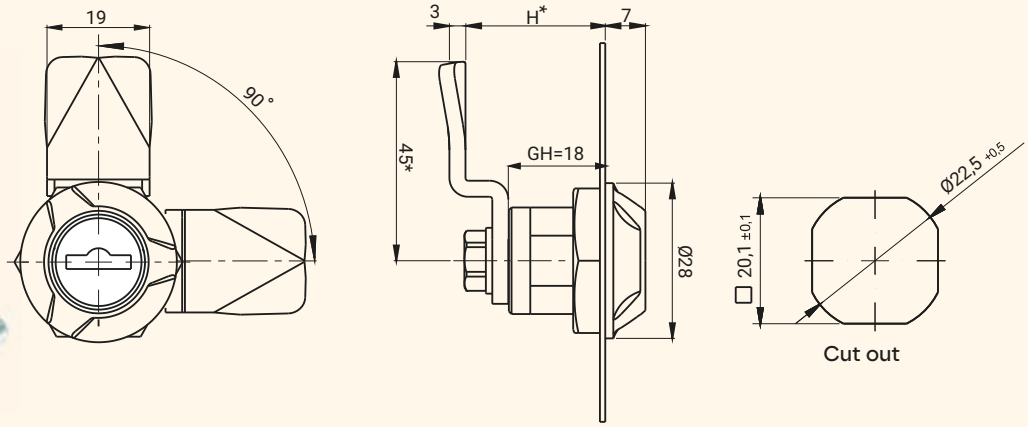


KEY CODE						FINISH [C]			
						Chrome	Nickel	RAL 9005	RAL 7035
1333	405E	455E	1242E	2432E	RK	01	02	04	05

TYPE OF LOCK	COMPONENTS	MATERIAL
M22EW	Housing	ZAMAK 5
	Cam	Steel zinc plated

LH/RH





KEY CODE						FINISH [C]			
						Chrome	Nickel	RAL 9005	RAL 7035
1333	405E	455E	1242E	2432E	RK	01	02	04	05

TYPE OF LOCK	COMPONENTS	MATERIAL
M22FW	Housing	ZAMAK 5
	Cam	Steel zinc plated

How to order:

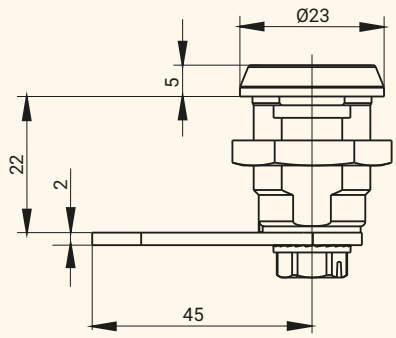
M22FW — 1333 — H.G — C

- Type of quarter turn
- Key code
- Height cam H
- Finish

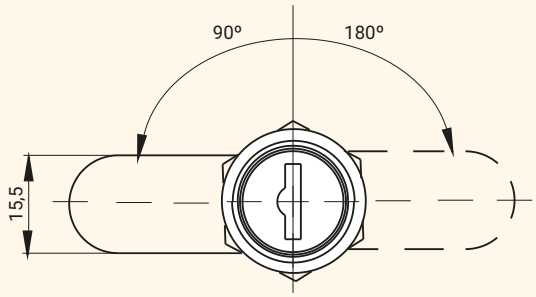
* possibility to make in another dimension

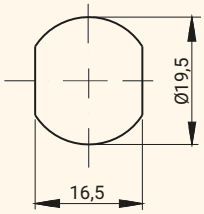
The quarter turn is fitted with cams from the group: 15, 16, 19, 21, 35, 36, JK1-10018, JK2-10018, J-6000.01, J-6000.02, JK-1610.01, JZ-001 (pg. 1C-12 to 1C-23)

Quarter turn M19W









Cut out

KEY CODE						FINISH [C]				
						Chrome	Nickel	Zn **	RAL9005	RAL7035
1333	405E	455E	1242E	2432E	RK	01	02	03	04	05

TYPE OF LOCK	COMPONENTS	MATERIAL
M19W	Housing	
	Cam	Steel zinc plated

How to order:

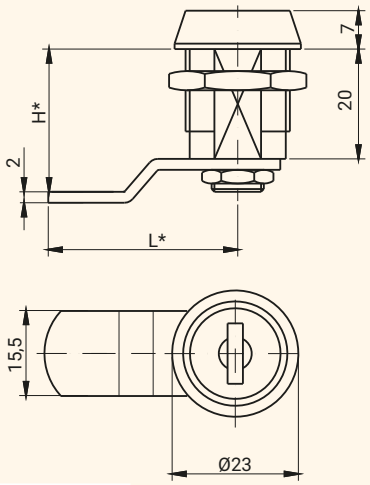
M19W — 1333 — 22 — 90 — C

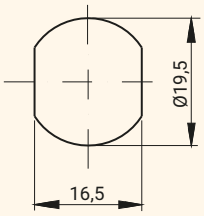
- Type of Quarter turn
- Key code
- Height of cam H = 22, 24, 26
- The opening angle of (90°, 180°)
- Finish

* possibility to make in another dimension
** galvanized

Quarter turn Z-2106, Z-0233







Cut out

KEY CODE		FINISH [C]
25001	RK	Chrome
		01

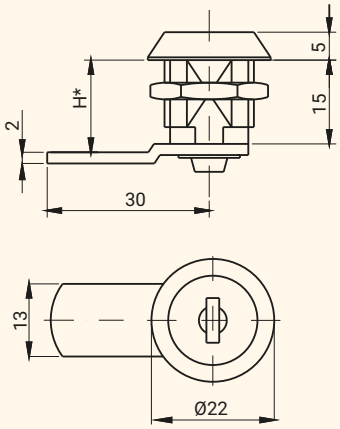
TYPE OF LOCK	COMPONENTS	MATERIAL
Z-2106	Housing	ZAMAK 5
	Cam	Steel zinc plated

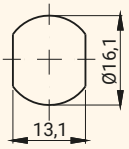
How to order:

Z-2106 — RK — 20 — C

Type of lock
Key code
Height cam H = 20, 22, 26
Finish







Cut out

KEY CODE		FINISH [C]
827	RK	Chrome
		01

TYPE OF LOCK	COMPONENTS	MATERIAL
Z-0233	Housing	ZAMAK 5
	Cam	Steel zinc plated

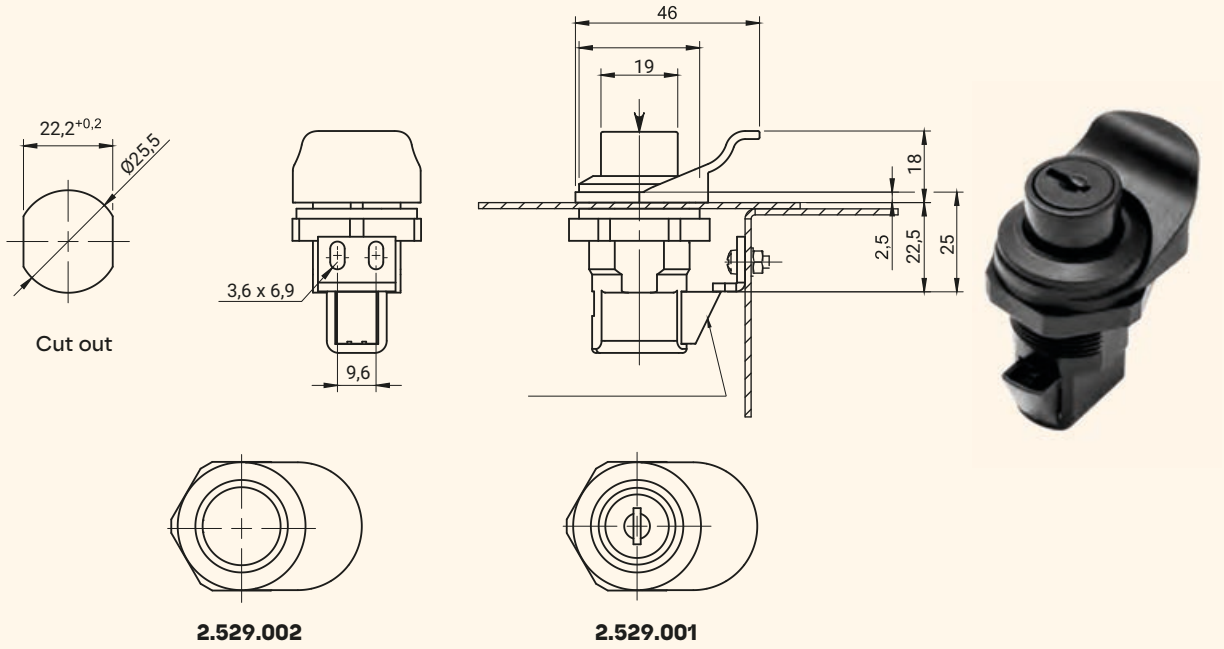
How to order: Type of Quarter turn

Z-0233 — RK — 15 — C

Key code
Height cam H = 15, 17
Finish

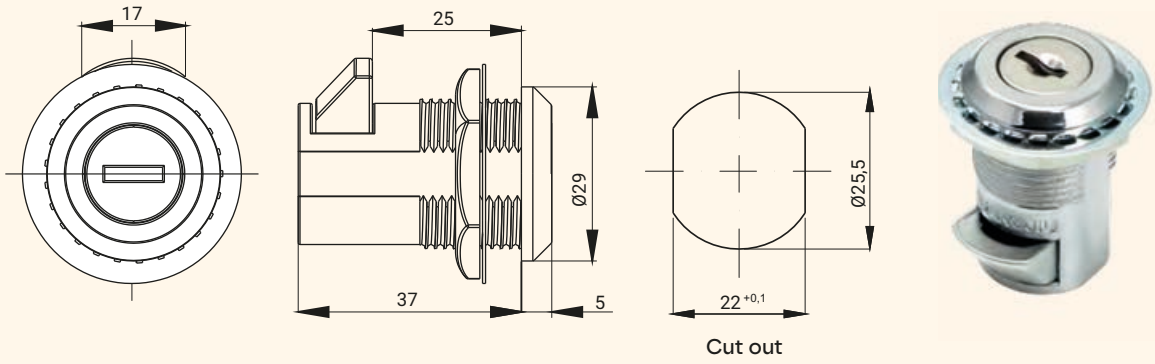
* possibility to make in another dimension

Quarter turn 2.529, 2.611, 2.612

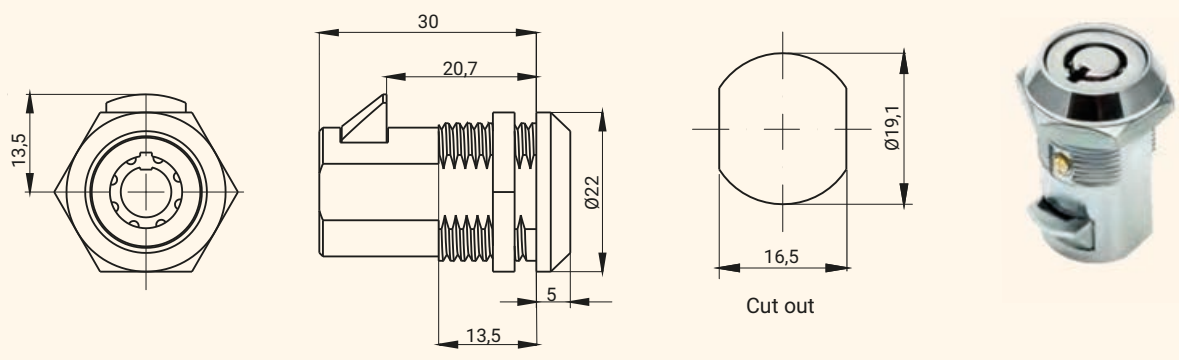


2.529.002 **2.529.001**

TYPE OF LOCK	VERSION	MATERIAL	FINISH [C]
2.529.001	With key	ABS	RAL 9005
2.529.002	Without key		07



TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
2.611.001	Housing	ZAMAK 5	Chrome
			01

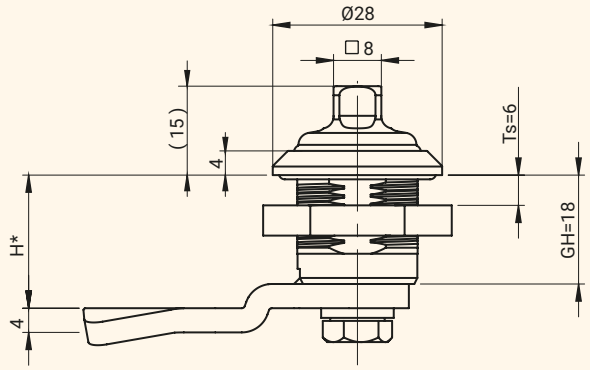


TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
2.612.001	Housing	ZAMAK 5	Chrome
			01

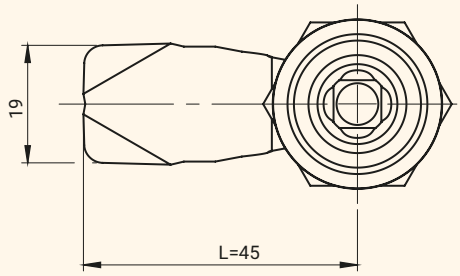
Quarter turn M22IP

stainless steel | IP69K | LH/RH

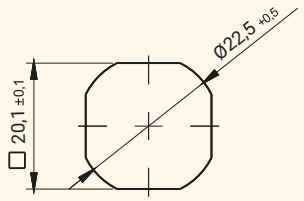












Cut out

The lock have a the IP69K protection
The seals are in accordance with FDA and have allowing from to come into contact with the food product *
standard material stainless steel 304, possible to order stainless steel 316

The key for pin SW13 should be ordered from page 2A-132

TYPE OF LOCK	COMPONENTS	MATERIAL	INSERT [X]			
M22IP	Housing, insert	Stainless steel				
	Cam	Stainless steel	KW8	T8	SW13	HD

How to order:

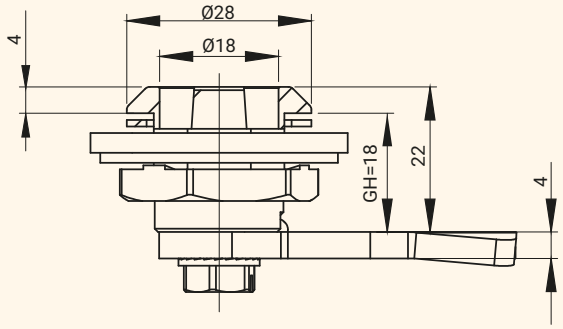
M22IP — X — 18

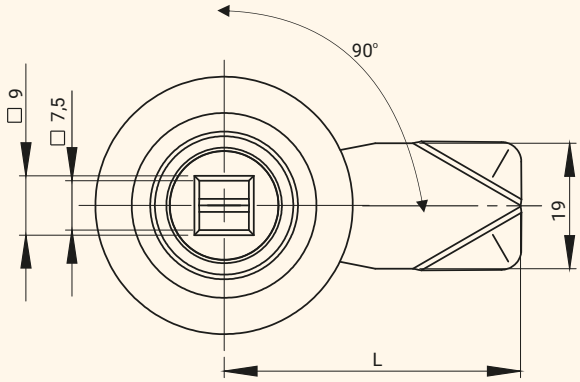
Type of Quarter turn
Type of insert
Height cam H

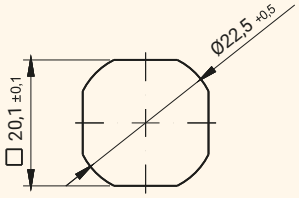
The quarter turn is fitted with cams from the group: 14, 17A, 34, JK1-16018SN, JK2-16018SN, J-6000.03SN, J-6000.04SN, JK-1610.01 (pg. 1C-10 to 1C-21)

* possibility to make in another dimension

Quarter turn M22TR







Cut out

EN 45545-2 for stainless steel version

stainless steel

IP65



M22TR



M22TR.C

The lock in accordance to NF F 01-054 standard.
The lock has a strength test on opening and closing process and also tests describing the impact of vibration according to EN 61373 standard.

Washer M22 DIN 125 A included.

TYPE OF LOCK	COMPONENTS	MATERIAL	INSERTS [X]	
M22TR	Housing, insert	Stainless steel 304	▷	▭
M22TR.C	Cam	Stainless steel 304	T9	KW8

How to order:

M22TR — X — H.G — P

Type of quarter turn
Type of insert
Height cam H
Version (L- left, P-right)

where H.G - the cam unbending dimension

The quarter turn is fitted with cams from the group: 14, 17A, 34, JK1-16018SN, JK2-16018SN, J-6000.03SN, J-6000.04SN, JK-1610.01 (pg. 1C-10 to 1C-21)

Quarter turn ZZRH18

NEW

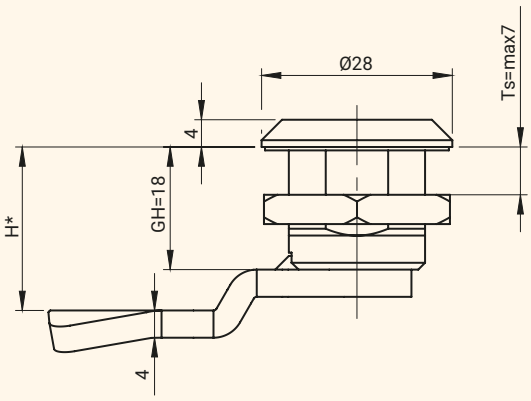
stainless steel

EN 45545-2

for stainless steel version

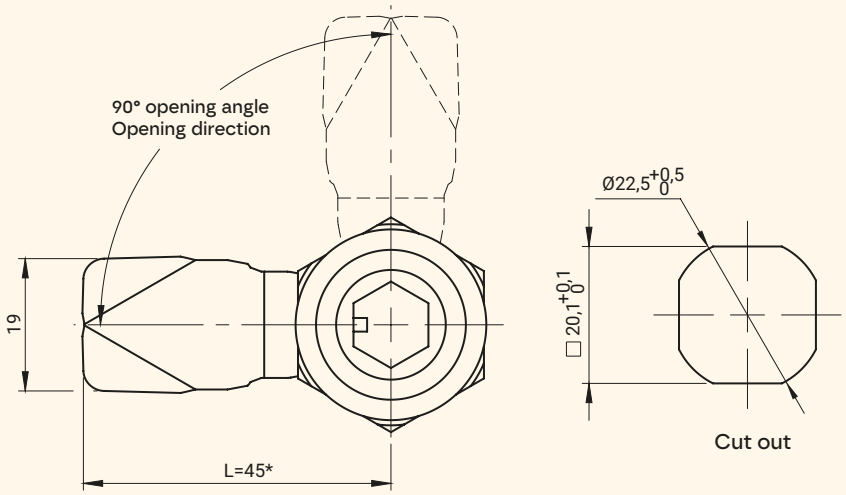
HEX11





HEXB8W





TYPE OF LOCK	INSERTS [X]		COMPONENTS	MATERIAL
	HEX11	HEXB8W		
ZZRH18			Housing, Insert, Cam	Stainless steel (ASI 316)

How to order:

ZZRH18 — X — H.G

Type of quarter turn
Type of insert [X]
The height of cam H

where:
H - the cam unbending dimension
G - cam group
Ts - door thickness

The quarter turn is fitted with cams from the group: 14, 17A, 34, JK1-16018SN, JK2-16018SN, J-6000.03SN, J-6000.04SN, JK-1610.01 (pg. 1C-10 to 1C-21)

* possibility to make in another dimension

The quarter turn works with a key Key 2.KL.X.014 (pg. 2A-134)

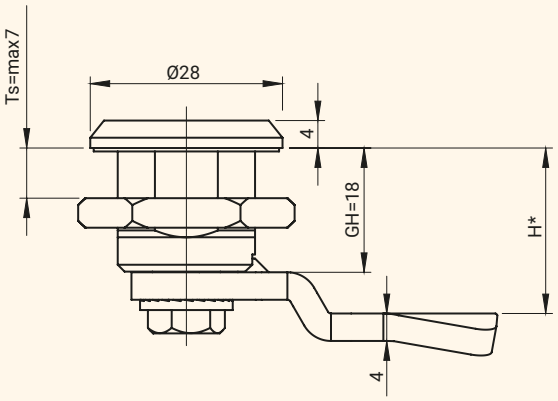
Quarter turn M22ZM

EN 45545-2
for stainless steel version

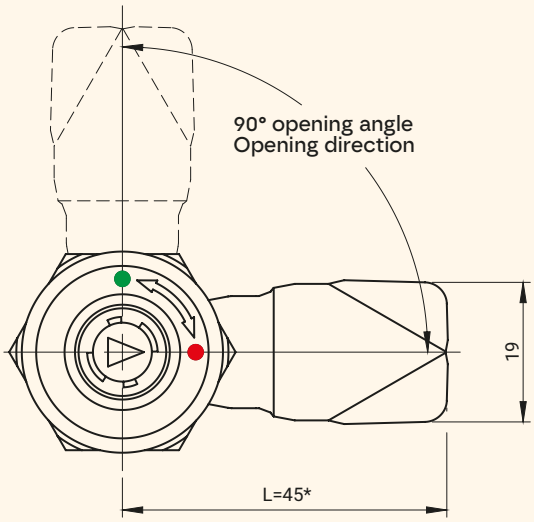
IP65

stainless steel

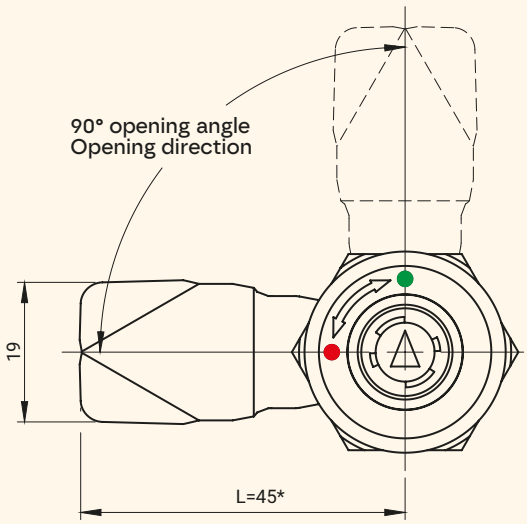
NEW



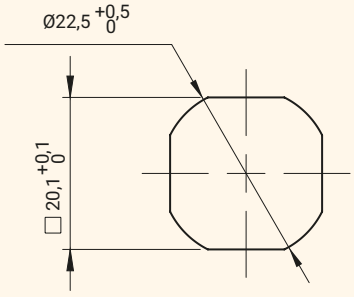




Version L



Version P



Cut out

TYPE OF LOCK	COMPONENTS	MATERIAL
M22ZM	Housing, Insert, Cam	Stainless steel (ASI 316)

How to order:

M22ZM — H.G — L

Type of quarter turn
The height of cam H
Lock version (L - left, P - right)

where:
H - the cam unbending dimension
G - cam group
Ts - door thickness

The quarter turn is fitted with cams from the group: 14, 17A, 34, JK1-16018SN, JK2-16018SN, J-6000.03SN, J-6000.04SN, JK-1610.01 (pg. 1C-10 to 1C-21)
Quarter turn works with key Key 2.KL-ZM.013 (pg. 2A-134)
* possibility to make in another dimension

Quarter turn M22TW

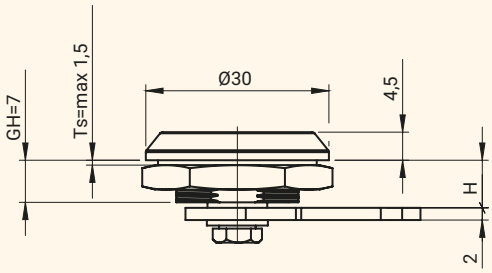
NEW

stainless steel

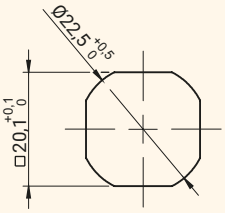
EN 45545-2

for stainless steel version

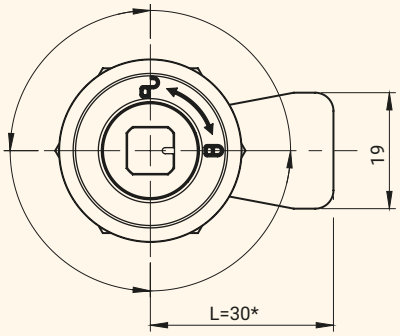




360° rotation



Cut out



TYPE OF LOCK	INSERTS [X]		COMPONENTS	MATERIAL	FINISH [C]
M22TW	KW8	T8	Housing, Insert Cam	Stainless steel	No

How to order:

Type of Quarter turn

Type of insert [X]

Height cam H = 8, 10, 12

Lenght cam L = 30

M22TW – X – H – L

* possibility to make in another dimension

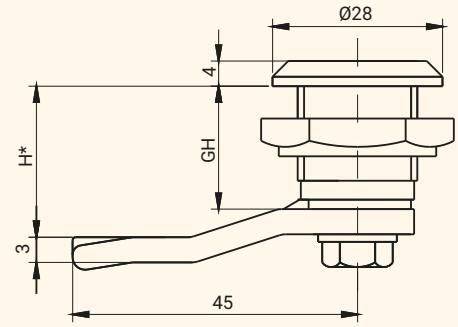
Quarter turn ZZR18, ZZR19, ZZR28, ZZR38, ZZR50

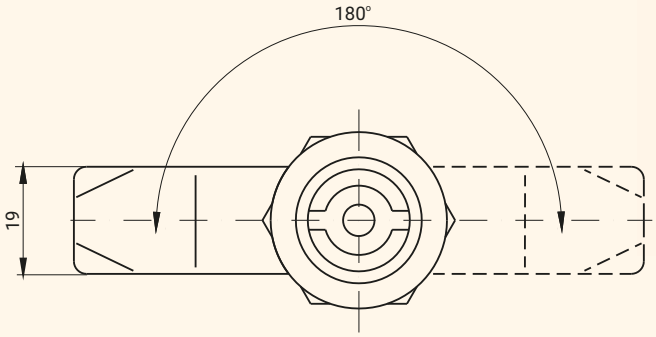
EN 45545-2

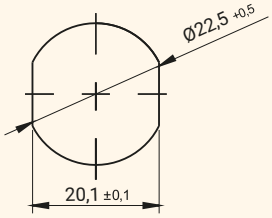
LH/RH

stainless steel

for stainless steel version

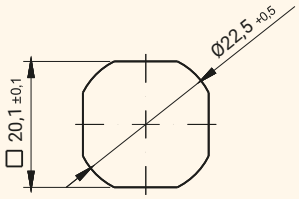






Cut out

Type A



Cut out

Type B

Lock adapted to work with 3 points cam.

Note: Lock milled in with 4 sides (Type B rear lock) - on request.

where:

ZZR18 = GH=18
ZZR19 = GH=19
ZZR28 = GH=28
ZZR38 = GH=38
ZZR50 = GH=50

INSERT [X]									FINISH [C]
									Chrome
D3	D5	T8	T9	KW8	S	N	C9	RAILWAY	01

TYPE OF LOCK	COMPONENTS	MATERIAL
ZZR18, ZZR19, ZZR28, ZZR38, ZZR50	Housing, insert	Steel
	Cam	Steel zinc plated
ZZR18SN, ZZR19SN, ZZR28SN, ZZR38SN, ZZR50SN	Housing, insert	Stainless steel
	Cam	Stainless steel

How to order:

ZZR18 — T9 — 18 — C

Type of quarter turn
Type of insert
Height cam
H Finish

* possibility to make in another dimension
**possibility of making lock grade stainless steel. 316

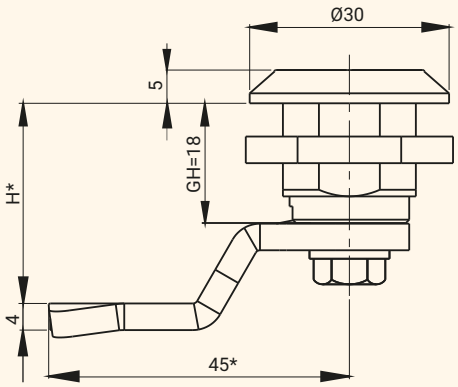
The quarter turn is fitted with cams from the group: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pg. 1C-10 to 1C-23)

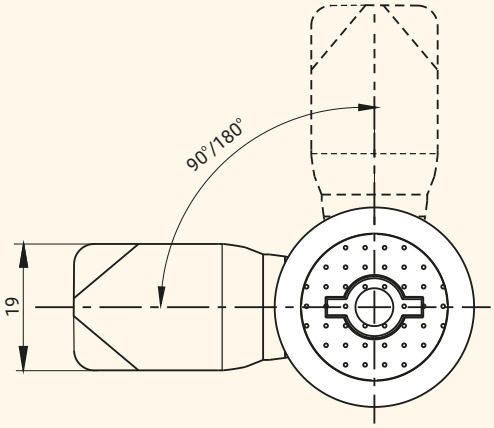
Quarter turn ZZR18.010

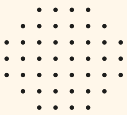
stainless steel | IP65 | LH/RH | EN 45545-2

for stainless steel version

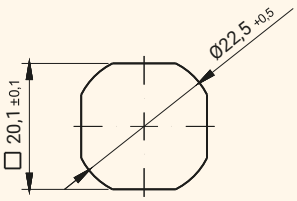








Means closed surface



Cut out

TYPE OF LOCK	COMPONENTS	MATERIAL	INSERT [X]		
ZZR18.010	Housing, insert	Stainless steel			
	Cam		D5	T8	KW8

How to order:

ZZR18.010 — KW 8 — H.G

Type of quarter turn

Type of insert

Height cam H

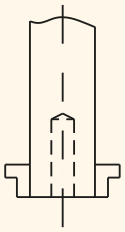
* possibility to make in another dimension

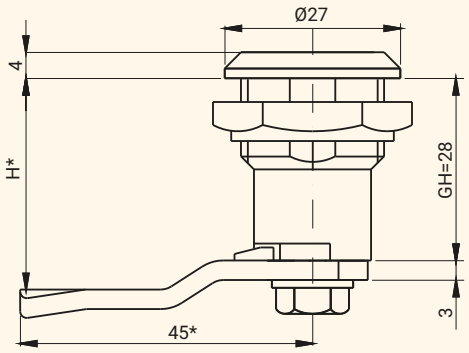
Note:
When ordering specify the thickness of the locking cam

The quarter turn is fitted with cams from the group: 14, 17A, 34, JK1-16018SN, JK2-16018SN, J-6000.03SN, J-6000.04SN, JK-1610.01 (pg. 1C-10 to 1C-21)

Quarter turn ZZR28/S

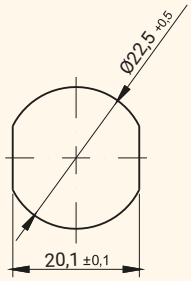
stainless steel | LH/RH



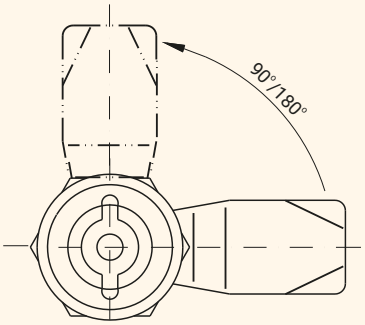




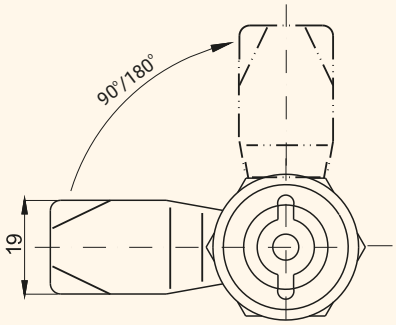
Key D3/S page 2-55.



Cut out



Left version



Right version

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			Chrome
ZZR28/S	Housing, insert	Brass	01
	Cam	Steel zinc plated	-
ZZR28/S SN	Housing, insert	Stainless steel	-
	Cam	Stainless steel	-

How to order:

ZZR28/S — D3/S — H.G — L — 90 — C

- ZZR28/S — Type of quarter turn
- D3/S — Type of insert
- H.G — Height cam H
- L — Version (L- left, P-right)
- 90 — Opening angle (90° , 180°)
- C — Finish

* possibility to make in another dimension

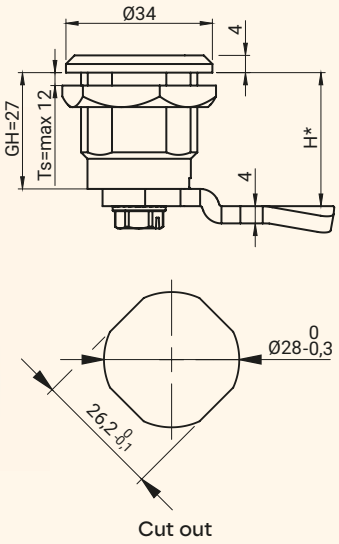
Note:
A key KL DS/3 can be ordered for the lock, which is designed to prevent the ZZR from being pulled out of the lock when turned to the "open" position.
H.G- dimension of the cam bend (H- height of the lock, G-group)

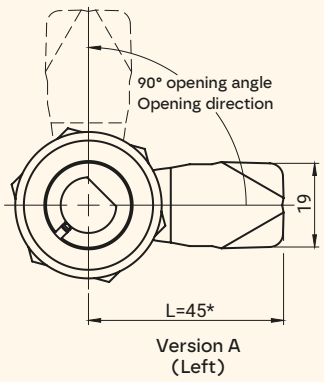
The quarter turn is fitted with cams from the group: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pg. 1C-10 to 1C-23)

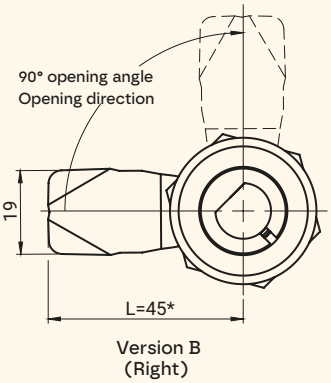
Quarter turn CZ-E1, M22R

LH/RH









TYPE OF LOCK	VERSION	COMPONENTS	MATERIAL	INSERT [X]
CZ-E1.001	**A**	Housing, insert	Brass	
CZ-E1.002	**B**	Cam	Steel zinc plated	
CZ-E1.003	**A**	Housing, insert	Brass zinc plated	
CZ-E1.004	**B**	Cam	Steel zinc plated	D13S

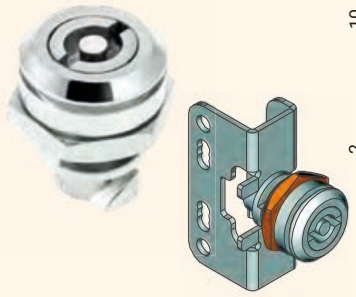
Note:
The key can only be inserted and removed in the closed position
Spring-loaded lock (with automatic return to the closed position)
The key 2.KL-X.007 - D13S is suitable for the lock (page 2A-132)

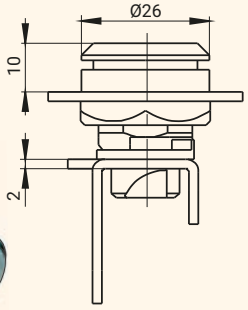
where:
H - cam unbending dimension
G - cam group
Ts - door thickness

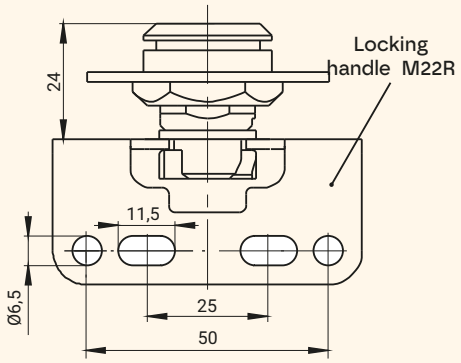
The quarter turn is fted with cams from the groups: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pp. 1C-10 to 1C-23)

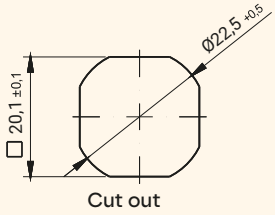
* can be ordered in other dimensions

LH/RH









TYPE OF LOCK	COMPONENTS	MATERIAL	INSERT [X]		
M22R	Housing, insert	Steel zinc plated			
	Cam	ZAMAK 5	D5	T9	KW8

How to order:

CZ-E1 — D5 — 27

Type of quarter turn

Type of insert

Height cam H = 27, 30, 33 (does not apply to M22R)

* possibility to make in another dimension

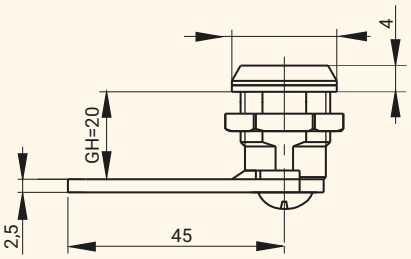
Notice: Handle for M22R is not a part of a set.
To order separately:

- galvanized steel M22R: M22R.001.01
- stainless steel: M22R.001.02

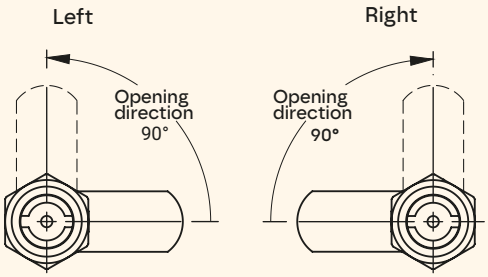
Quarter turn GE-0101, GE-0100

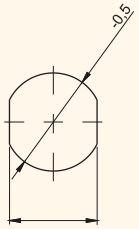
LH/RH

GE-0101



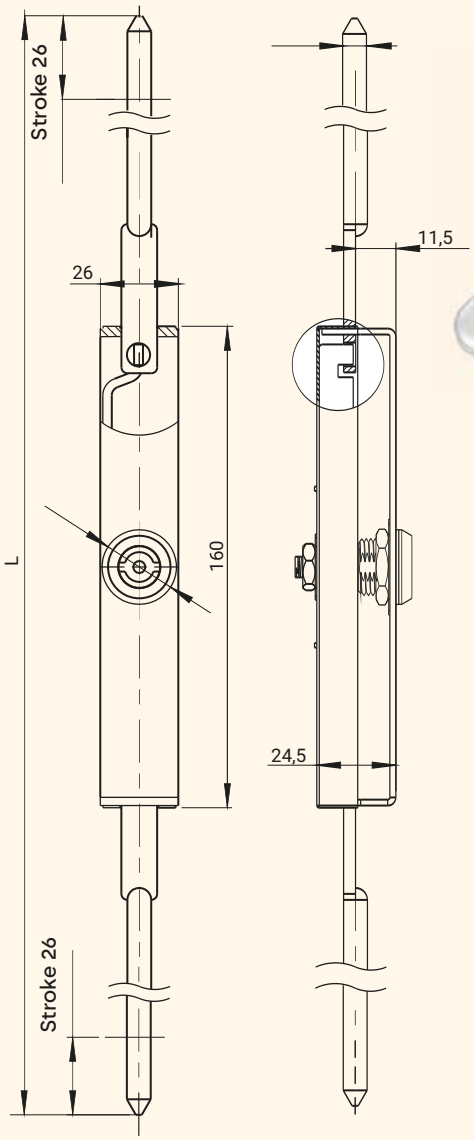
Version





Cut Out

GE-0100







INSERT [X]		
D3	T9	KW8

For this quarter turn you can order key 2A-130, 131, 133, 136 (ø13,5)from page

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			Chrome
GE-0101	Housing, insert	Brass - chromium	01
	Cam	Steel zinc plated	-
GE-0100	Housing, insert	Brass - chromium	01
	Cam	Stainless steel	-

How to order:

GE-0101 — D3 — 20 — L — C

Type of quarter turn

Type of insert

Height cam H (20, 22, 24) only for GE-0101 lock

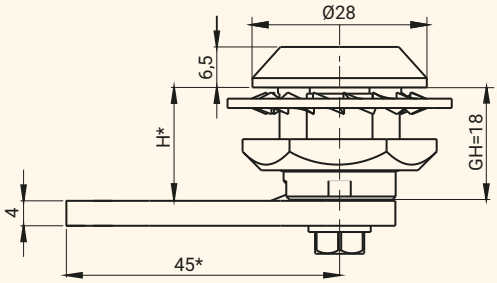
Version (P-right, L-left)

Finish

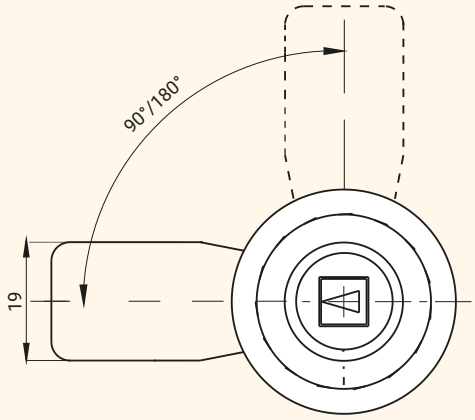
* possibility to make in another dimension

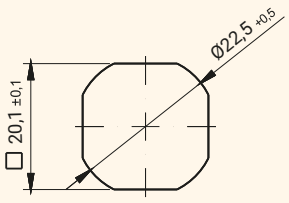
Quarter turn M22SP











Cut out



Type A



Type B

Quarter turn with backlash compensation and protection in case of accidental opening.
In order to open/close the lock first press the insert and then turn 90° degrees.

INSERT [X]					FINISH [C]			
					Chrome	Nickel	RAL 9005	RAL 7035
KW6	KW8	KW8-3	T8	T9	01	02	04	05

TYPE OF LOCK	COMPONENTS	MATERIAL
M22SP	Housing, insert	ZAMAK 5
	Cam	Steel zinc plated

How to order:

M22SP — A — KW8 — H.G — C — 90

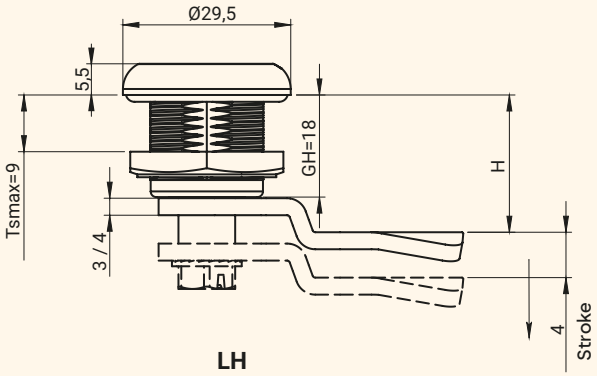
Type of Quarter turn
Type of housing
Type of insert
Type of cam
Finish Opening angle (90°, 180°)

* possibility to make in another dimension

The quarter turn is fitted with cams from the group: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pg. 1C-10 to 1C-23)

Quarter turn M22SA18 with foamed sealing PUR

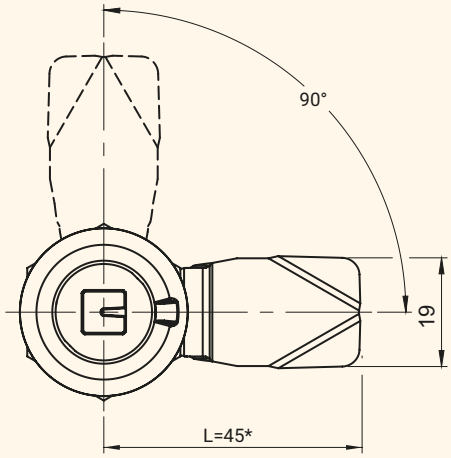
PUR IP65

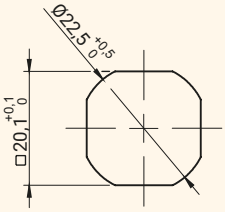




Housing with foamed sealing PUR

LH





Cut out

TYPE OF LOCK	COMPONENTS	MATERIAL
M22SA18	Housing, Insert	ZAMAK 5

INSERTS [X]			FINISH [C]	
			Chrome	RAL9005
KW8	T8	D5	01	04

How to order:

M22SA18L.01 — KW8.01 — H.G

- Type of quarter turn
- Type of quarter turn (L-Left)
- Housing finish [C]
- Type of insert [X]
- Insert finish [C]
- Locking height

where:
H - the cam unbending dimension
G - cam group

The quarter turn is fitted with cams from the group: 15, 16, 19, 21, 35, 36, JK1-10018, JK2-10018, J-6000.01, J-6000.02, JK-1610.01, JZ-001 (pg. 1C-12 to 1C-23)

Quarter turn M22SD20SN

NEW

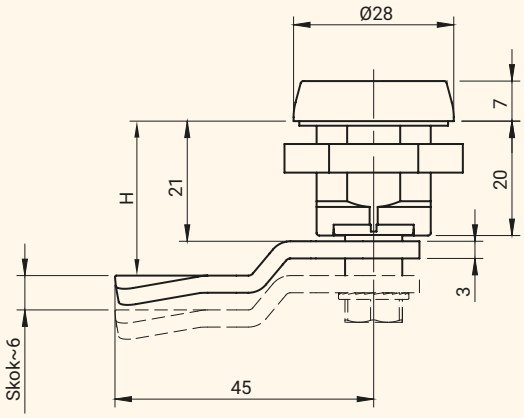
stainless steel

EN 45545-2

for stainless steel version

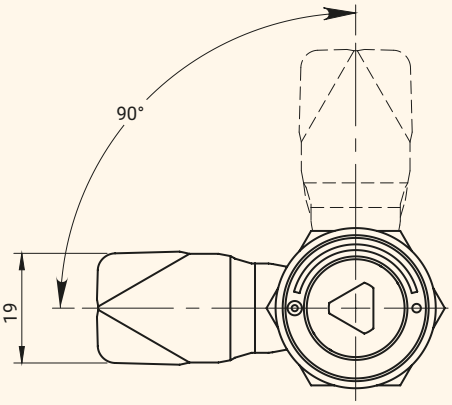


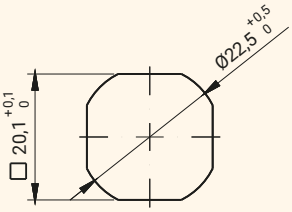
M22SD20SN





M22SD20SN.C





Cut out

The drawing shows the right-hand version of the lock.
The left-hand version is a mirror reflection of the right.

TYPE OF LOCK	INSERTS [X]			COMPONENTS	MATERIAL
M22SD20SN **M22SD20SN.C**	RAILWAY	KW8	T9	Housing, Insert, Cam	Stainless steel

How to order:

M22SD20 — T9 — H.G — P

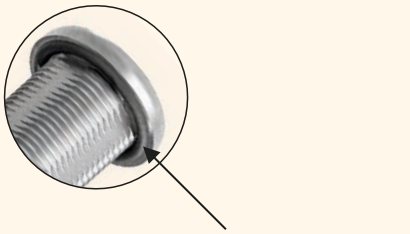
Type of quarter turn
Type of insert [X]
Locking height Version
(L-left, P-right)

where:
H - locking height
G - cam group

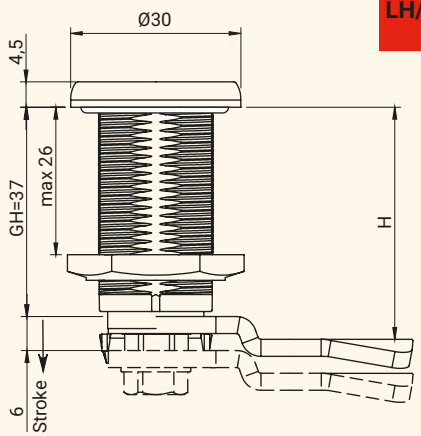
The quarter turn is fitted with cams from the group: 16, 21, 36, JK1-10018SN, JK2-10018SN, J-6000.01SN, J-6000.02SN, JK-1610.01SN (pg. 1C-12 to 1C-21)

Quarter turn M22SA2 with foamed sealing PUR

LH/RH | PUR | IP65



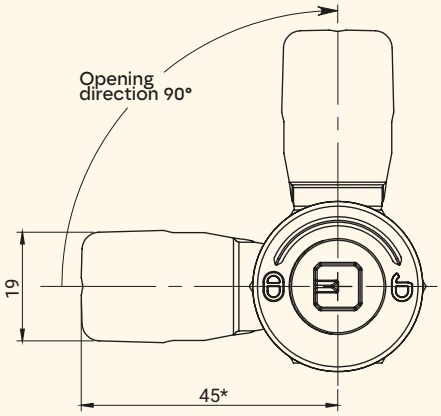
Housing with foamed sealing PUR



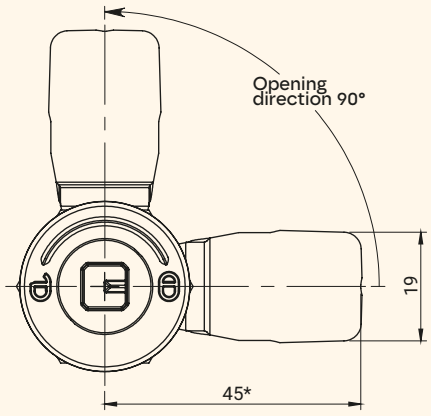


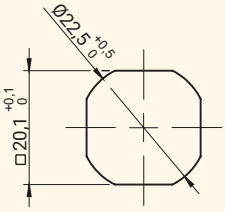
M22SA2

RH



LH





Cut out



M22SA2.C

TYPE OF LOCK	COMPONENTS	MATERIAL
M22SA2 **M22SA2.C**	Housing, Knob	ZAMAK 5
	Cam, Washer, Nut Internal mechanism	Steel zinc plated

INSERTS [X]				FINISH [C]	
KW8	T8	D3	D5	Chrome	RAL9005
				01	04

How to order:

M22SA2 — KW8.01 — L.01 — H.G — PUR

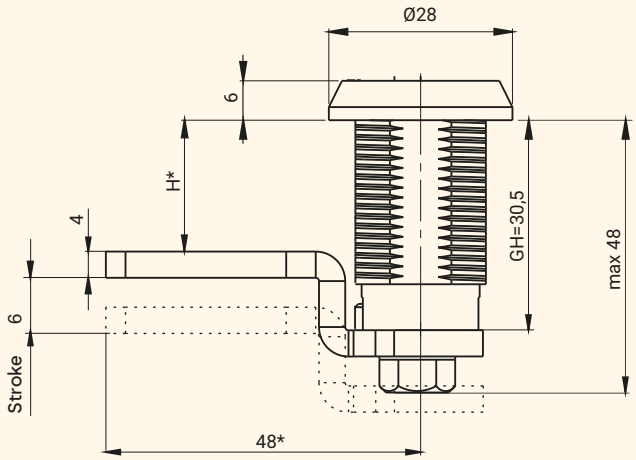
Type of quarter turn
Type of insert [X]
Insert finish [C]
Type of lock (L-Left, R-Right)
Housing finish [C] Locking height
PUR foam seal

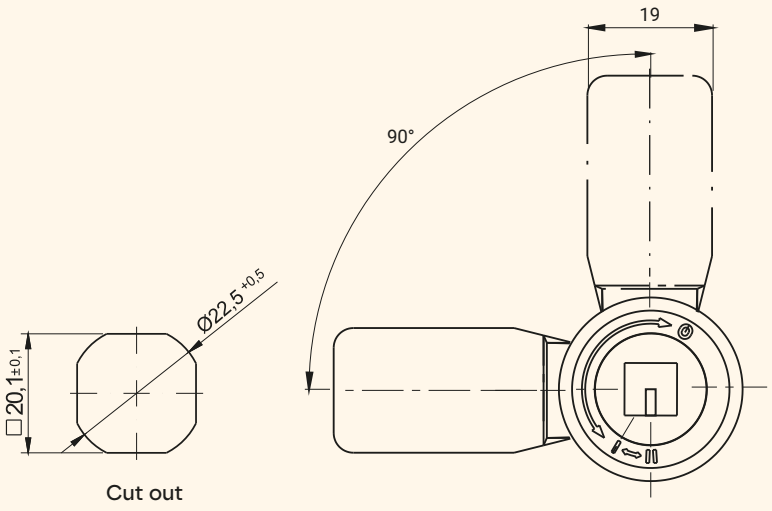
where:
H - the cam unbending dimension
G - cam group
The lock is fitted with cams from the group: 15, 16, 19, 21, 35, 36, JK1-10018, JK2-10018, J-6000.01, J-6000.02, JK-1610.01, JZ-001 (pg. 1C-12 to 1C-23)

Quarter turn M22SD30

LH/RH







Cut out

INSERT [X]					FINISH [C]
					Chrome
T9	KW8	S	N	RAILWAY	01

TYPE OF LOCK	COMPONENTS	MATERIAL
M22SD30	Housing, Insert	ZAMAK 5
	Cam	Steel zinc plated
M22SD30-SN	Housing, Insert, Cam	Stainless steel

How to order:

M22SD30 — T9 — 18 — C — P

Type of Quarter turn
Type of insert
Height cam H =18, 20, 22
Finish
Lock version (P-Right, L-left)

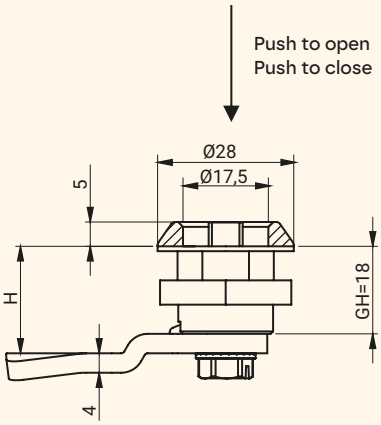
* possibility to make in another dimension

Quarter turn M22SP2

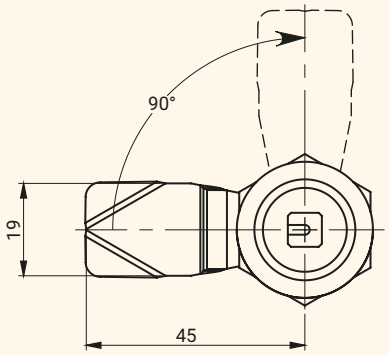
EN 45545-2

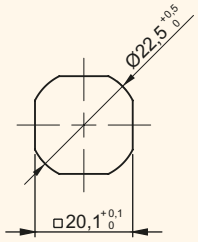
for stainless steel version

stainless steel









Cut out

Lock with backlash compensation and protection in case of accidental opening.
In order to open/close the lock first press the insert and then turn 90 degrees.°

INSERT [X]			
			
KW7	KW8	T8	T9

TYPE OF LOCK	COMPONENTS	MATERIAL
M22SP2	Housing, Insert, Cam	Stainless steel

How to order:

M22SP2 — KW8 — H.G

Type of quarter turn

Type of housing

Finish

The quarter turn is fitted with cams from the group: 14, 17A, 34, JK1-16018SN, JK2-16018SN, J-6000.03SN, J-6000.04SN, JK-1610.01 (pg. 1C-10 to 1C-21)

Quarter turn 2.M22SD35

NEW

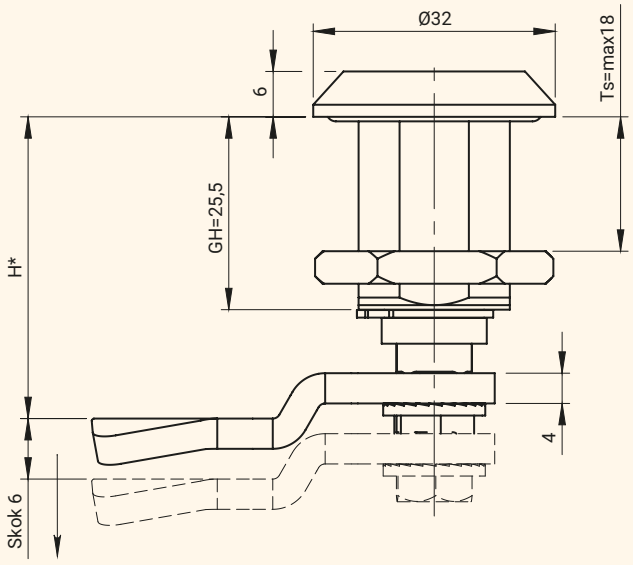
stainless steel

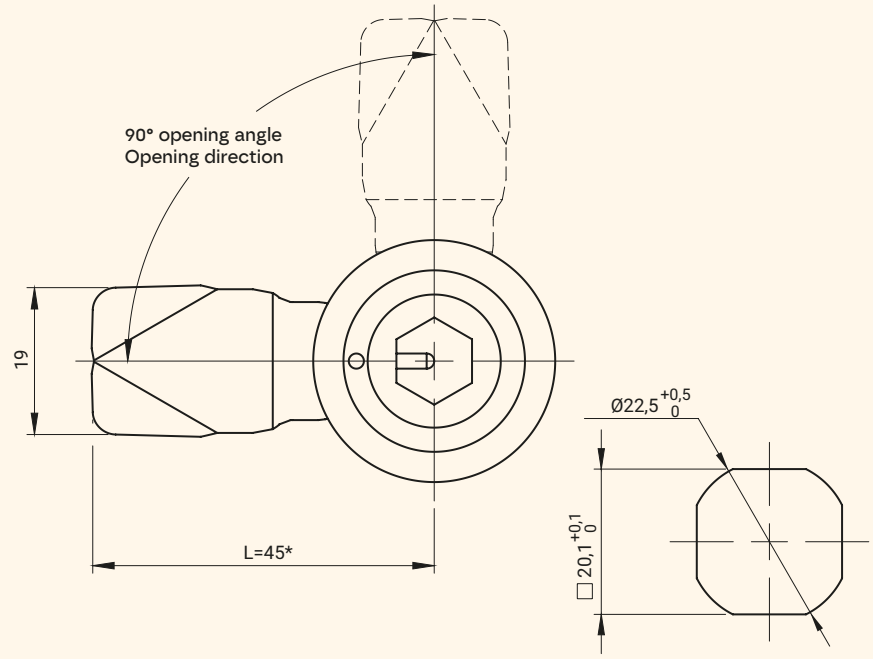
HEX10



HEXB8W







Cut out

Quarter turn works with key Key 2.KL.X.014 (pg. 2A-134)

TYPE OF LOCK	INSERT [X]		COMPONENTS	MATERIAL
				
M22SD35	HEX10	HEXB8W	Housing, Insert, Cam	Stainless steel (ASI 316)

How to order:

M22SD35 — HEXB8W — H.G

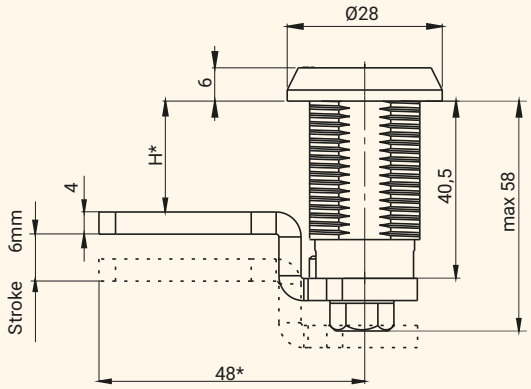
Type of quarter turn
Type of insert [X]
The height of cam H

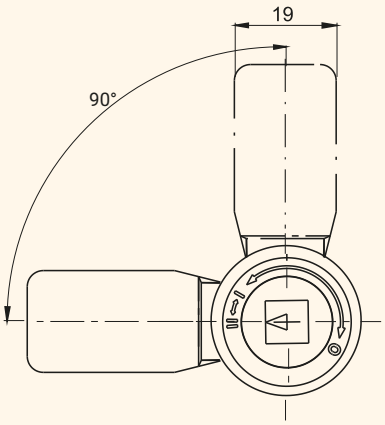
where:
H - the cam unbending dimension
G - cam group
Ts - door thickness

The quarter turn is fitted with cams from the group: 16, 21, 36, JK1-10018SN, JK2-10018SN, J-6000.01SN, J-6000.02SN, JK-1610.01SN (pg. 1C-12 to 1C-21)

* possibility to make in another dimension

Quarter turn M22SD40, M22SP40





stainless steel | LH/RH



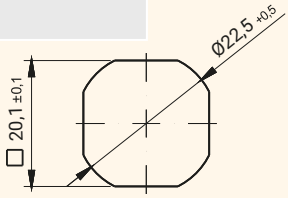
INSERTS [X]				
T9	KW8	S	N	RAILWAY

TYPE OF LOCK	COMPONENTS	MATERIAL
M22SD40	Housing, insert	Stainless steel
	Cam	

How to order:

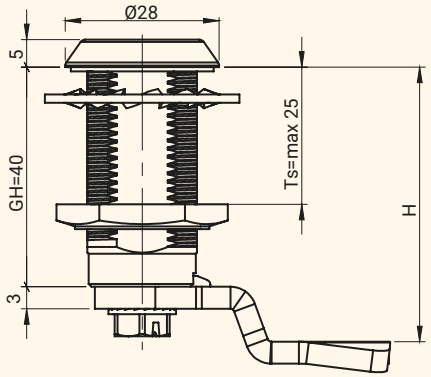
M22SD40 — T9 — 18 — P

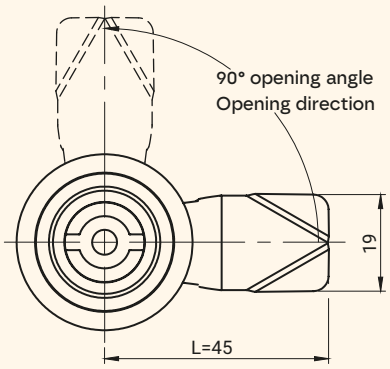
- Type of quarter turn
- Type of insert
- Height cam H =18, 20, 22 Lock
- version (P-Right, L-Left)



Cut out

* possibility to make in another dimension





NEW



Vibration-resistant lock with protection against accidental opening.
To open / close the lock, the insert must be pressed in and then turned 90°.

TYPE OF LOCK	COMPONENTS	MATERIAL
M22SP40	Housing, Insert	Steel
	Cam	Steel zinc plated

INSERTS [X]				FINISH [C]			
D3	D5	T8	KW8	Chrome	Nickel	RAL9005	RAL7035
				01	02	04	05

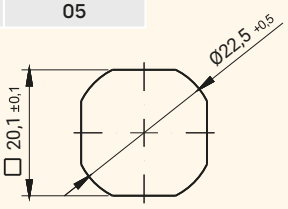
How to order:

M22SP40 — KW8 — H.G — C

- Type of quarter turn
- Type of insert [X] The
- height of cam H
- Finish [C]

where:

H - the cam unbending dimension
G - cam group
Ts - Thickness door



Cut out

The lock is fitted with cams from the group: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pg. 1C-10 to 1C-23)

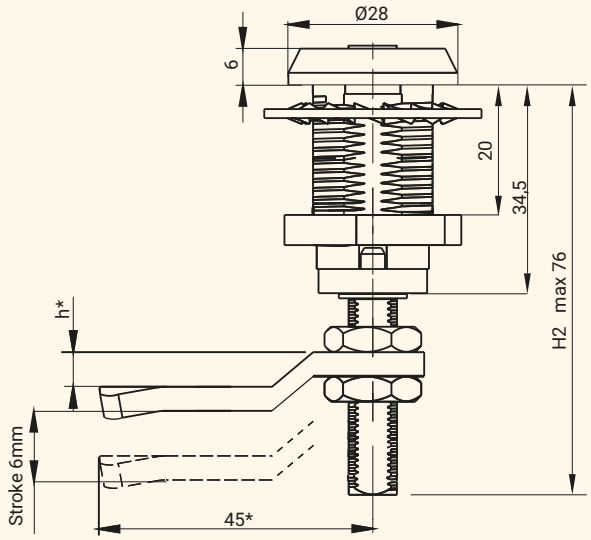
* possibility to make in another dimension

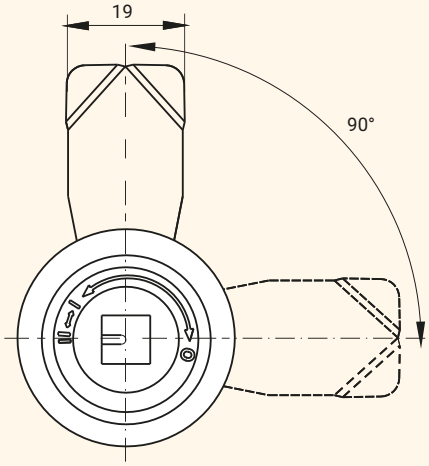
Quarter turn M22SC

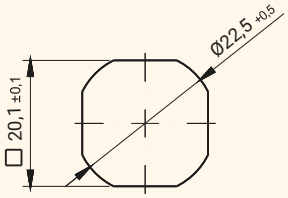
stainless steel | LH/RH | EN 45545-2

for stainless steel version









Cut out

INSERTS [X]					FINISH [C]
					Chrome
T9	KW8	S	N	RAILWAY	01

TYPE OF LOCK	COMPONENTS	MATERIAL
M22SC	Housing	ZAMAK 5
	Insert	Stainless steel
	Cam	Steel zinc plated
M22SC SN	Housing, insert	Stainless steel
	Cam	

How to order:

M22SC — T9 — 3 — C — P

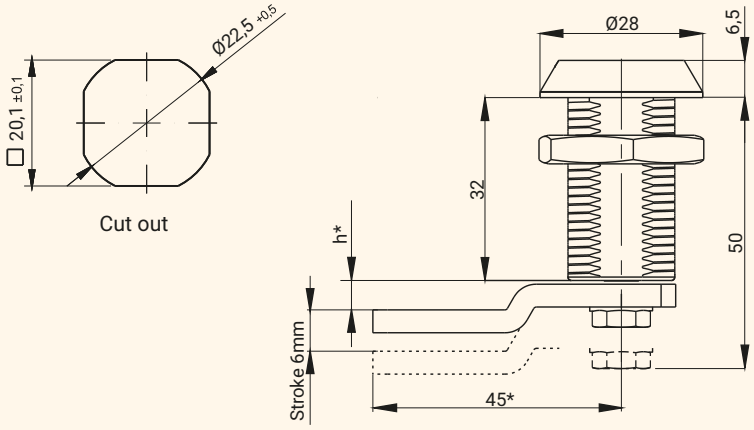
- M22SC: Type of Quarter turn
- T9: Type of insert
- 3: Height cam h = 0, 3, 6, 9, -3, -6, -9
- C: Finish
- P: Lock version (P-right, L-left)

* possibility to make in another dimension

Quarter turn M22SA

IP65 LH/RH

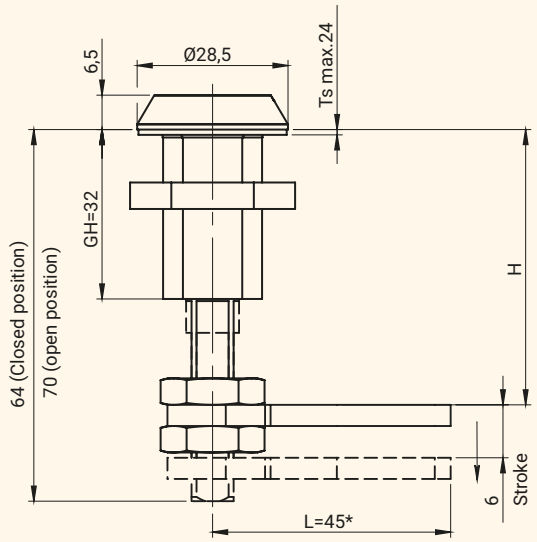
Version A





Version B

IP65 LH/RH





TYPE OF LOCK	COMPONENTS	MATERIAL
M22SA	Housing,	ZAMAK 5
	insert Cam	Steel zinc plated

INSERTS [X]						FINISH [C]	
D3	D5	T7	T9	KW7	KW8	Chrome	RAL 9005
						01	04

H*	A		B	
	H		H	
	MIN	MAX	MIN	MAX
0	32	32	38	52
3	29	35	35	55
6	26	38	32	58
9	23	41	29	61
12	20	44	26	

How to order:

M22SA — AL — T9 — 3 — C

- Type of quarter turn
- Type of housing + wer. of lock (P- right, L- left)
- Type of insert
- Height cam h
- Finish

* possibility to make in another dimension

Ts- the thickness of sheet steel

The cam can be mounted on both sides in both versions of the lock

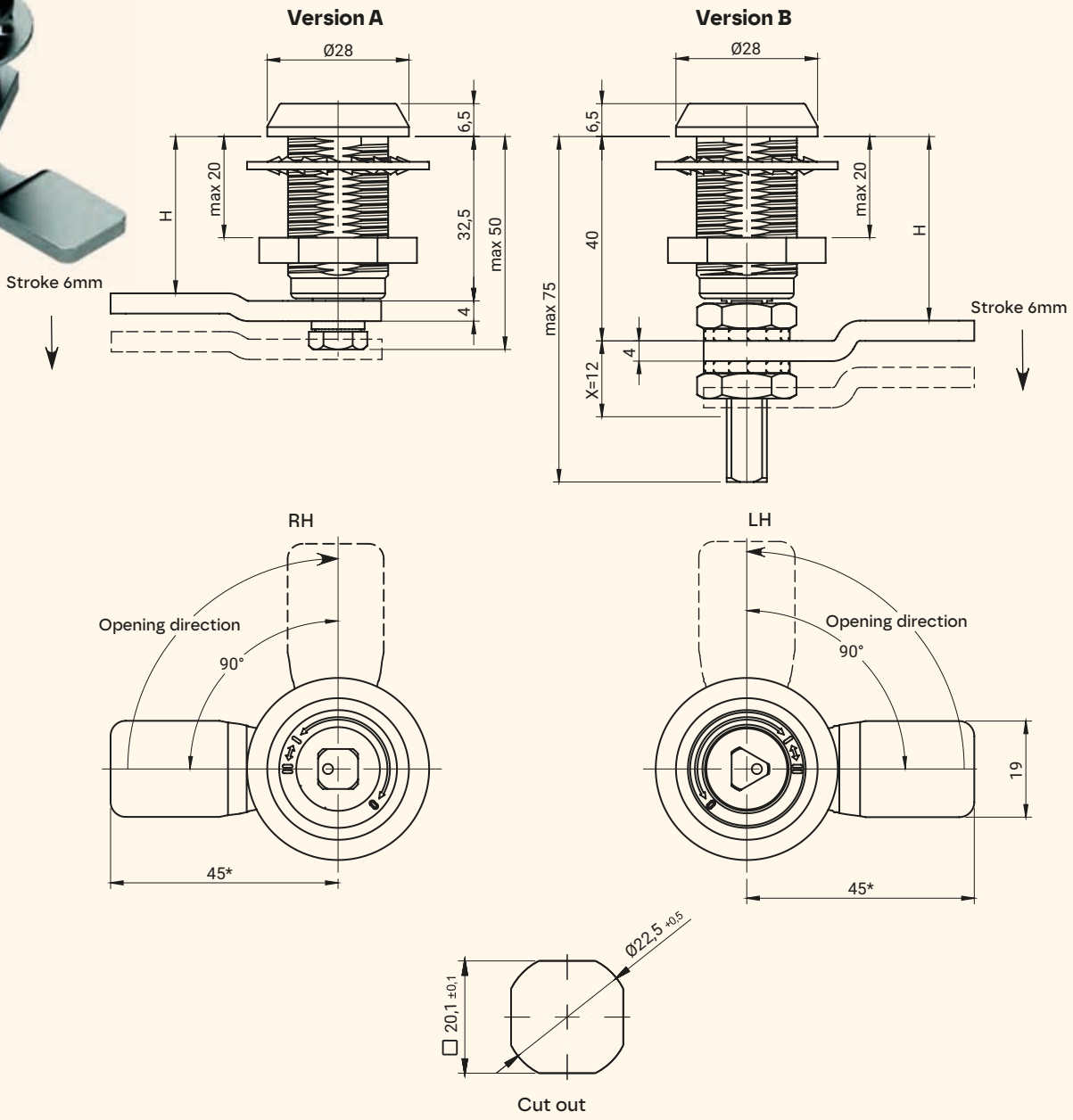
Quarter turn M22SE

stainless steel

EN 45545-2

for stainless steel version





TYPE OF LOCK	COMPONENTS	MATERIAL	INSERTS [X]				
			T9	T7	KW8	KW8-2	Q
M22SE SN	Housing, Insert	Stainless steel					
	Cam						

How to order:

M22SE — T9 — AL — 32,5

Type of quarter turn

Type of insert

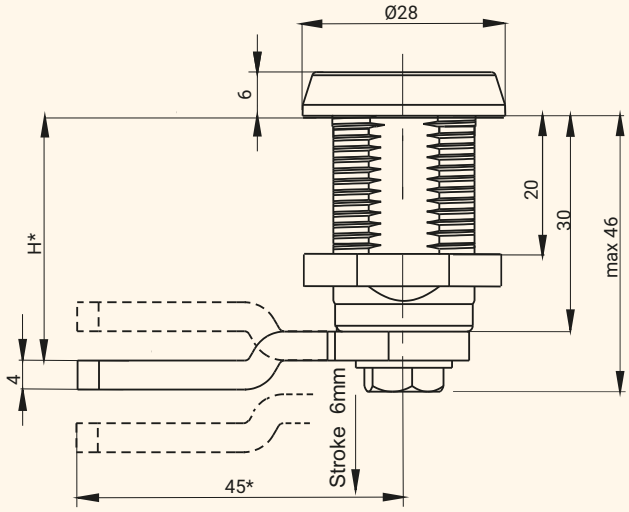
Version A, B; (left - LH, right - RH)

Hight cam
- for version A H=27,5; 32,5; 37,5
- for version B H=35; 40; 45

* possibility to make in different dimension

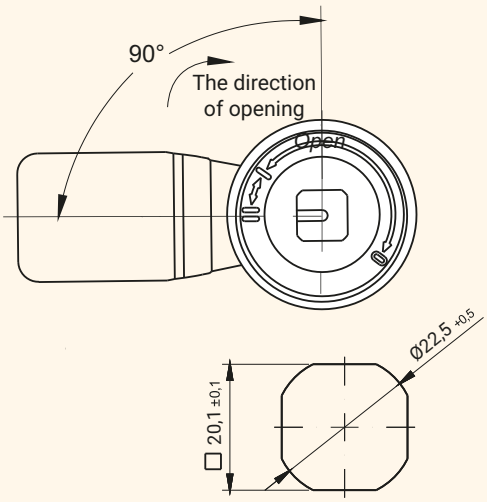
Quarter turn M22SG

LH/RH





M22SG



Cut out



M22SG.C

INSERTS [X]		FINISH [C]	
		Chrom	RAL 9005
T9	KW8	01	04

TYPE OF LOCK	COMPONENTS	MATERIAL
M22SG **M22SG.C**	Housing, insert	ZAMAK 5
	Cam	Steel zinc plated

How to order:

M22SG — T9 — 30 — 01 — P

- Type of quarter turn
- Type of insert
- Height cam H =24; 27; 30; 33; 36
- Finish
- Lock version (P- right, L- left)

* possibility to make in another dimension

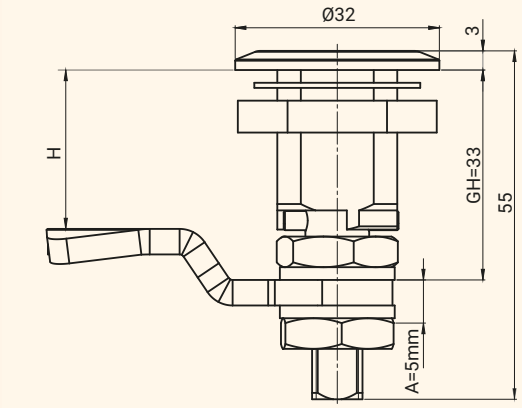
Quarter turn M22JR-SN

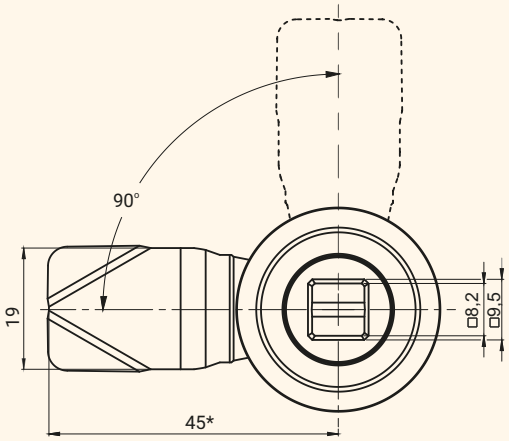
stainless steel

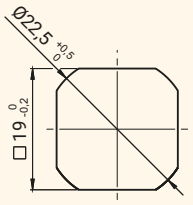
EN 45545-2

for stainless steel version









Cut out

A - the height of the latch adjustment H

TYPE OF LOCK	COMPONENTS	MATERIAL
M22JR-SN	Housing, Insert, Cam	Stainless steel

How to order:

M22JRSN — KW8/9,5 — 27

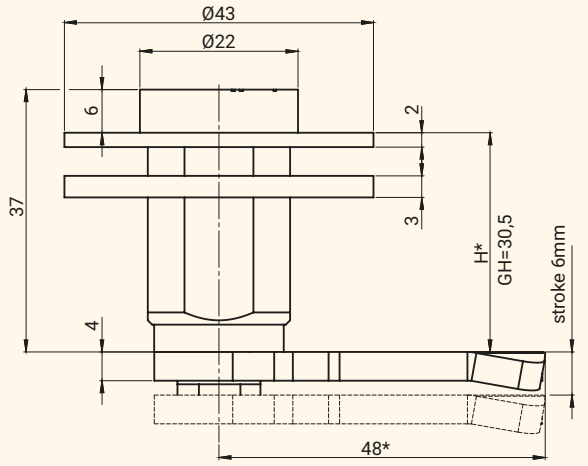
Type of quarter turn

Type of insert T

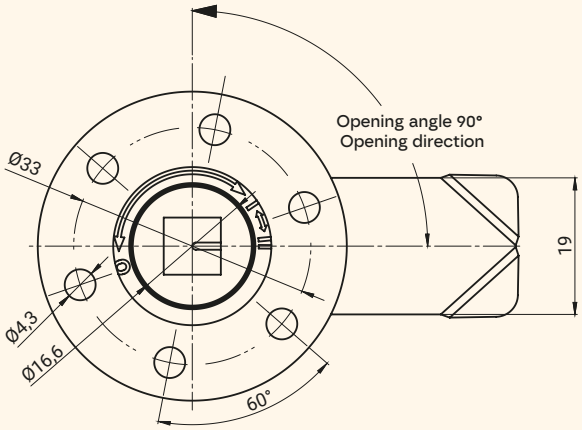
he hight of cam H=27, 31, 33, 35, 39

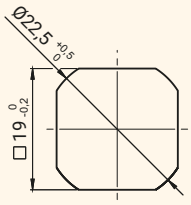
* possibility to order in a different dimension

Quarter turn M22SK30









Cut out

INSERTS [X]					FINISH [C]
					Chrome
T9	KW8	S	N	RAILWAY	01

TYPE OF LOCK	COMPONENTS	MATERIAL
M22SK30	Housing	ZAMAK 5
	Insert	Stainless steel
	Cam, Washer, Nut Housing,	Zinc plated steel
M22SK30SN	Insert, cam, washer, Nut	Stainless steel

How to order:

M22SK30 — T9 — 18 — C — P

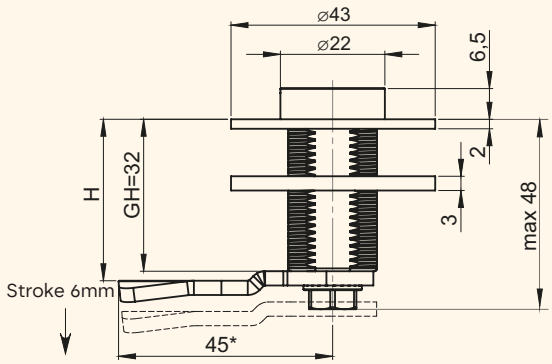
Type of quarter turn
Type of insert
The height of cam H =18, 20, 22
Finish
Version of lock (R-right, L- left)

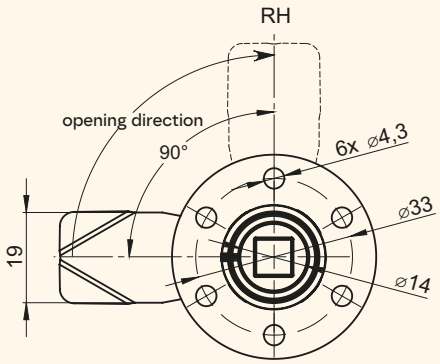
* Possibility to order in a different dimension

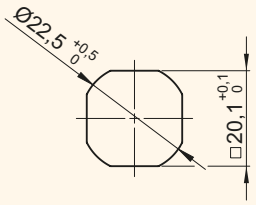
Quarter turn M22SK32



Version A

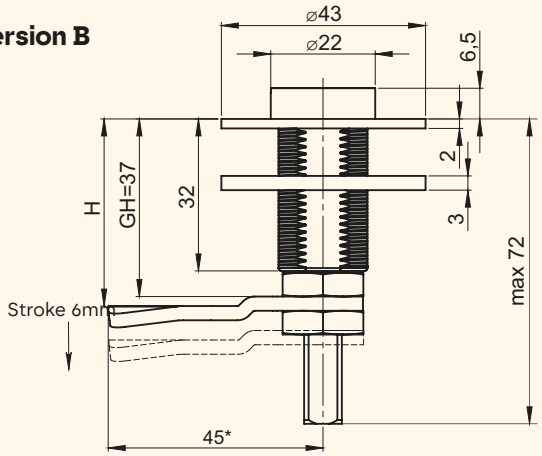






Cut out

Version B



INSERTS [X]					FINISH [C]	
					Chrome	AL 9005
D3	D5	T9	KW7	KW8	01	04

TYPE OF LOCK	COMPONENTS	MATERIAL
M22SK32	Housing, Insert	ZAMAK 5
	Cam, Washer, Nut	Zinc plated steel

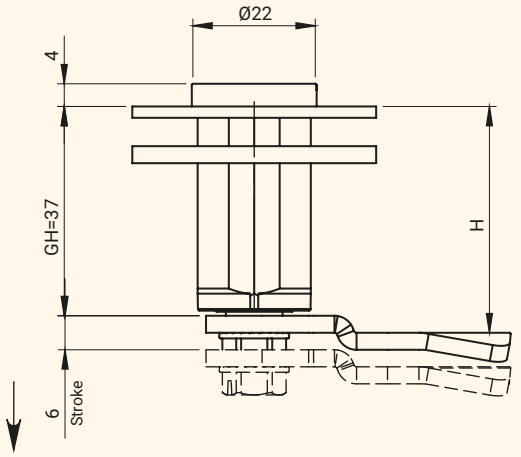
How to order:

M22SK32 — T9 — BL — 32 — C

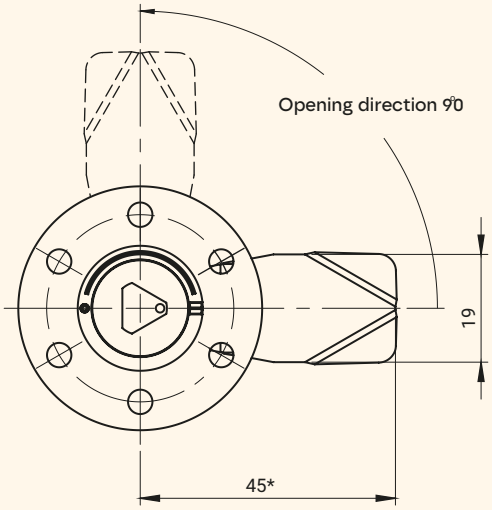
- Type of quarter turn
- Type of insert
- Version of lock (R-right, L- left)
- The height of cam
  - for version A: H=26, 29, 32, 35, 38
  - for version B: H=31, 34, 37, 40, 43
- Finish

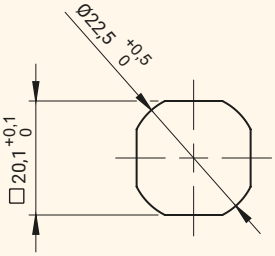
* Possibility to order in a different dimension

Quarter turn M22SK37









Cut out

The lock shown fits left-hand doors. The lock for right-hand doors is a mirror image.

TYPE OF LOCK	COMPONENTS	MATERIAL
M22SK37	Housing, Insert Cam,	ZAMAK 5
	Washer, Screw, Internal Mechanism	Zinc plated steel

INSERTS [X]		FINISH [C]	
		Chrome	RAL9005
KW8	T8	01	04

How to order:

M22SK37. L. C. — KW8. C. — H.G

Type of quarter turn
Version of lock
R-right, L- left
Housing finish
Type of insert
Insert finish eight locking

meaning:
H - the cam unbending dimension
G - cams range
The lock is fitted with cams from the group: 15, 16, 19, 21, 35, 36, JK1-10018, JK2-10018, J-6000.01, J-6000.02, JK-1610.01, JZ-001 (pg. 1C-12 to 1C-23)

Quarter turn M16SD22

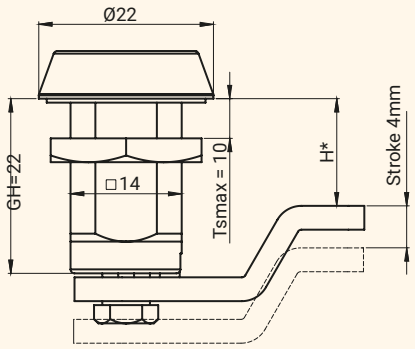
stainless steel

EN 45545-2

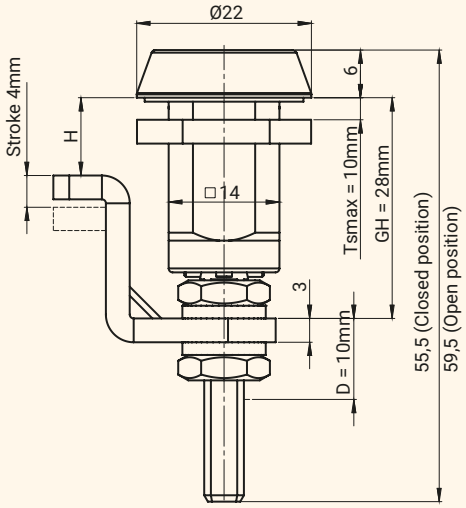
for stainless steel version

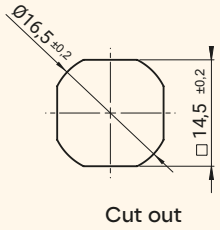


Version A

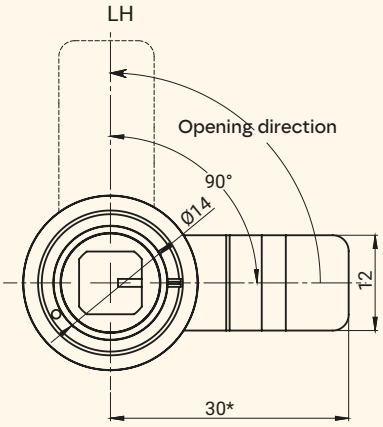


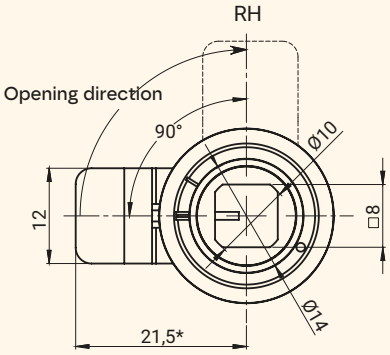
Version B





Cut out





HEIGHT ADJUSTMENT H CAM FOR LOCK IN VERSION B		
CAM		H
1	Bended 18mm	10 - 20
		46 - 56
2	Bended 9mm	19 - 29
		37 - 47
3	Straight	28 - 38

The quarter turn has **IP65**.
The quarter turn has double pressure.
The quarter turn is fted with the key 2.KLKW8.001 (pg. 2A-130, 133, 136).

D - the range of latch adjustment M16SD22 type B.
Ts - the thickness of sheet steel.
In lockM16SD22 type B bended can be fitted double sided.

TYPE OF LOCK	ELEMENTY SKŁADOWE	MATERIAL
M16SD22	Housing, Insert, Cam	Stainless steel

INSERTS [X]	
T9	KW8

How to order:

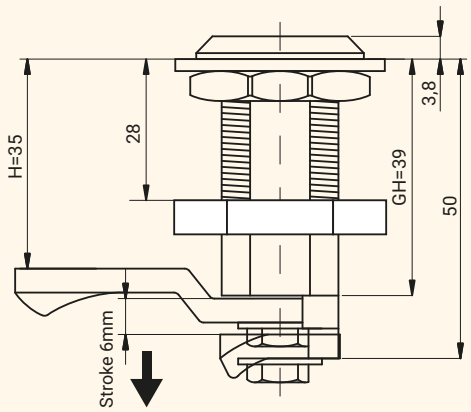
M16SD22 — KW8 — BL — 22

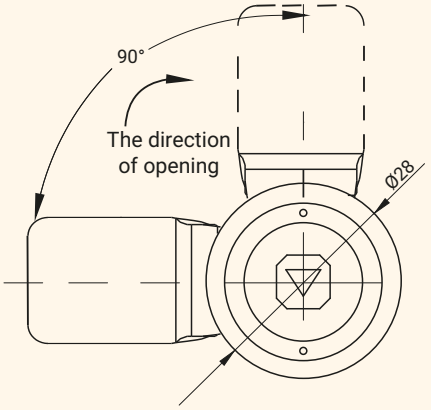
Type of quarter turn
Type of insert
version of lock + opening direction A, B; L- left, R-right
The hight of cam
- for version A: H=13, 22, 31, 40
- for version B: Cam 1, 2, 3 (chart above)

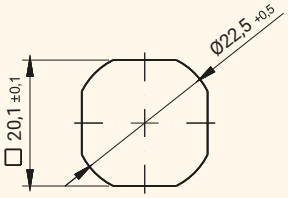
Quarter turn 2.530

stainless steel | RoHS | LH/RH









Cut out

INSERT [X]
KW8

TYPE OF LOCK	COMPONENTS	MATERIAL
2.530.00	Housing, insert	Stainless steel
	Cam	Stainless steel

How to order:

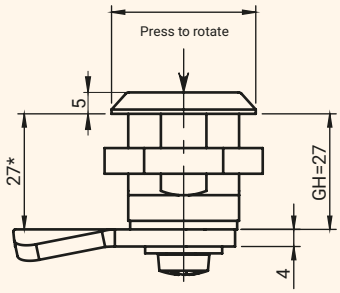
2.530.001 — KW8

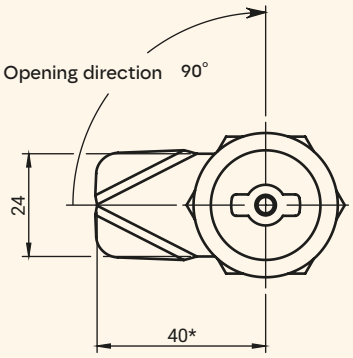
Type of quarter turn

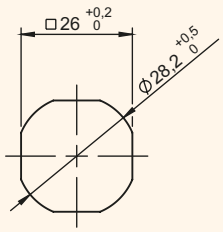
Type of insert

* possibility to make in another dimension

Quarter turn M28-1, M28-2







Cut out

EN 45545-2

stainless steel

for stainless steel version



Lock with protection from undesirable opening without specific key. Rotation of locking cam is possible after pushing pin by key. Key removal possible only in locking positon of the lock. Lock works with key 2.KL-D5.001 (pg. 2A-130, 133, 136).

TYPE OF LOCK	COMPONENTS	INSERT [X]	MATERIAL
M28-1	Housing, Insert, Cam	 D5	Stainless steel electropolished

How to order:

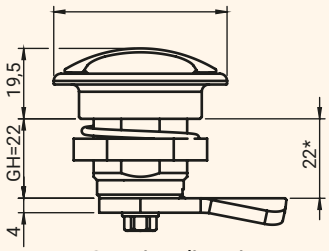
Type of quarter turn

Type of insert [X]

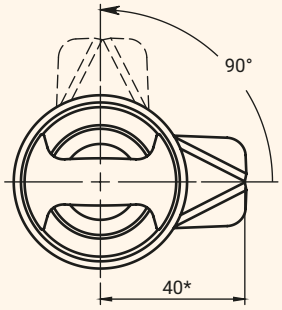
Materia / l finih

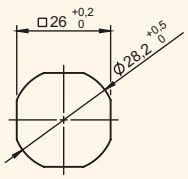
M28-1 — D5 — SN

* possibility to make in another dimension



Opening direction





Cut out

EN 45545-2

stainless steel

for stainless steel version

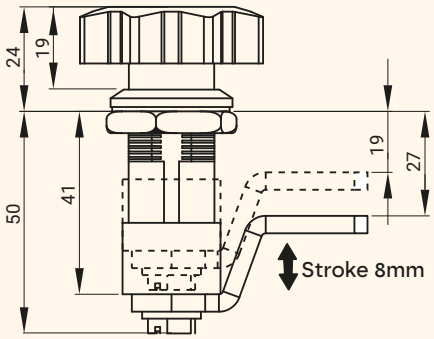


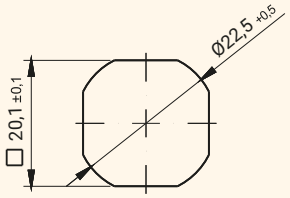
TYPE OF LOCK	COMPONENTS	MATERIAL
M28-2	Housing, Insert, Cam	Stainless steel electropolished

Quarter turn 2.528

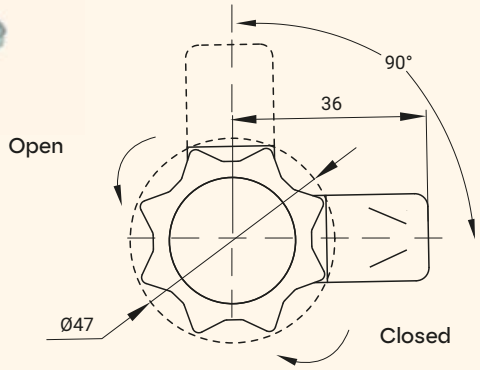
LH/RH





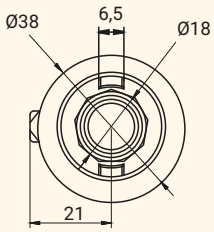


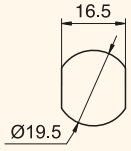
Cut out



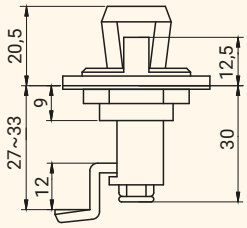
TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			Chrome
2.528.001	Housing,	ZAMAK 5	01
	insert Cam	Steel zinc plated	-

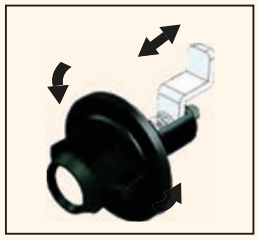






Cut out





TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.528.002	Housing,	Polyamide	07
	knob Cam	Steel zinc plated	-

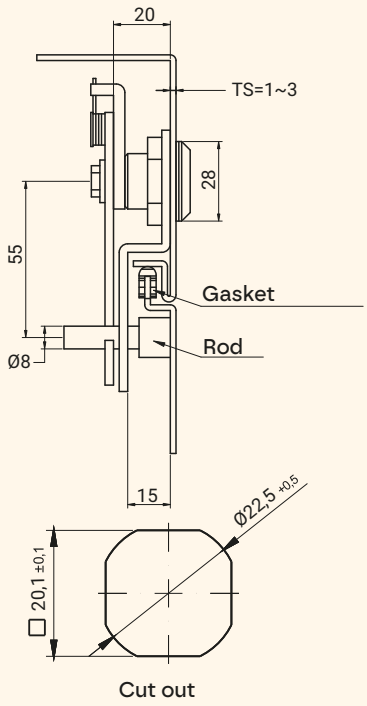
How to order:

2.528.001 — C

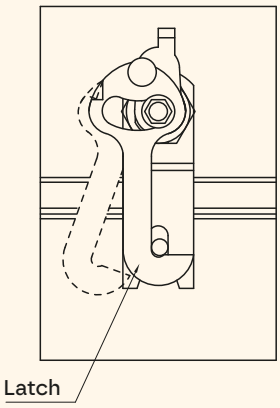
Type of quarter turn

Finish

Quarter turn 2.525, 2.527



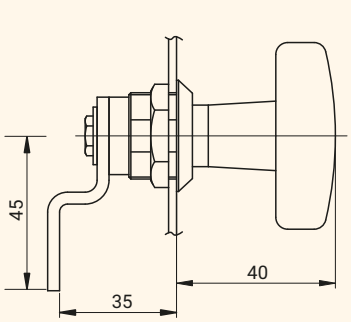
Cut out

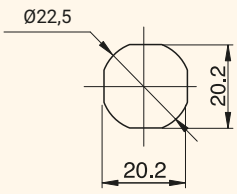




TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			Chrome
2.525.001	Housing, Insert	ZAMAK 5	01
	Latch	Steel zinc plated	-

IP54





Cut out



Turn angle 90°

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.527.001	Housing	ZAMAK 5	04
	Insert	Polyamide	04
	Cam	Steel zinc plated	-

How to order:

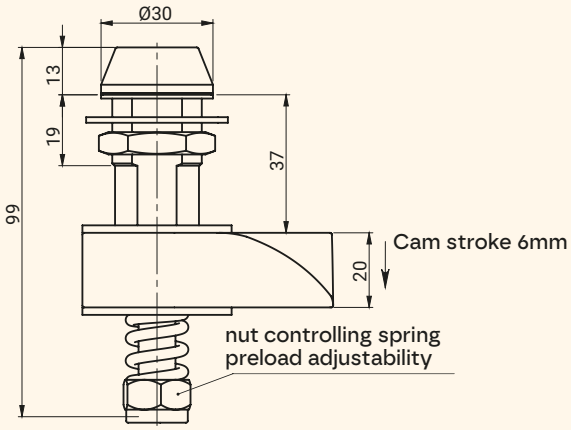
2.525.001 — C

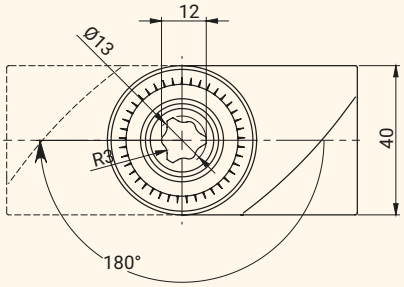
Type of quarter turn

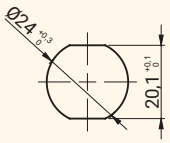
Finish

Quarter turn M24C









Cut out

INSERTS [X]	
T10	BT

TYPE OF LOCK	COMPONENTS	MATERIAL
M24C	Housing, Insert	Stainless steel
	Cam	Polyamide
	Nut	Brass

How to order:

M24C — T10 — SN

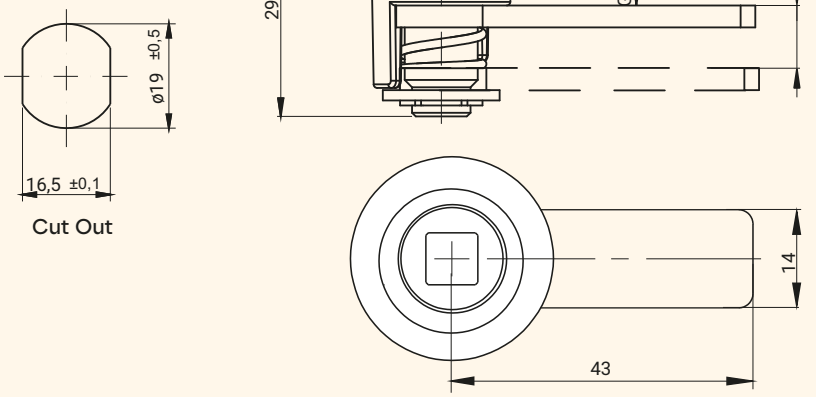
Type of quarter turn

Type of insert

Finish

Lock is equiped with spring preload adjustability

Quarter turn M19DC, M22DC

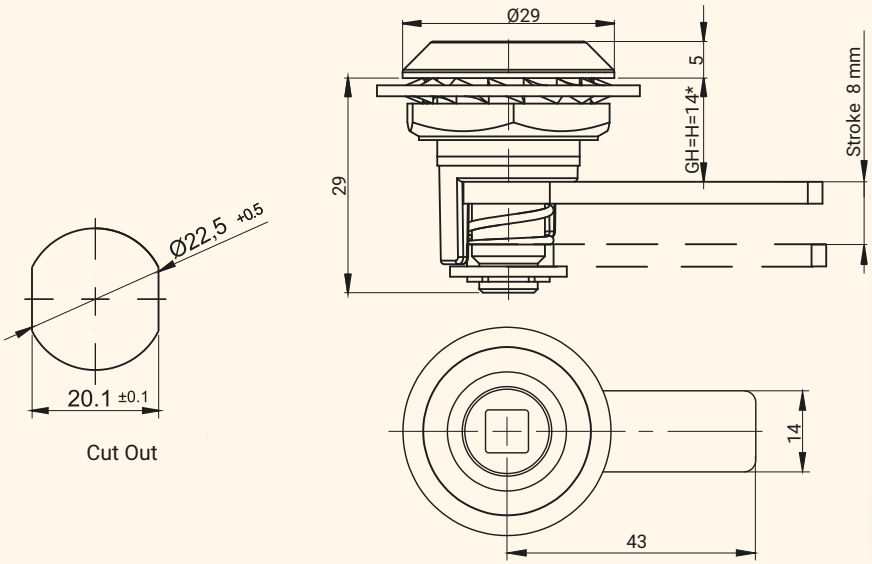


RoHS



INSERTS [X]			FINISH [C]			
			Chrome	Nickel	RAL 9005	RAL 7035
T9	KW8	S	01	02	04	05

TYPE OF LOCK	COMPONENTS	MATERIAL
M19DC	Housing	ZAMAK 5
	Cam, insert	Steel zinc plated



RoHS



INSERTS [X]			FINISH [C]			
			Chrome	Nickel	RAL 9005	RAL 7035
T9	KW8	S	01	02	04	05

TYPE OF LOCK	COMPONENTS	MATERIAL
M22DC	Housing	ZAMAK 5
	Cam, insert	Steel zinc plated

How to order:

M22DC — T9 — 14 — C

Type of quarter turn

Type of insert

Height cam H = 14, 17, 20

Finish

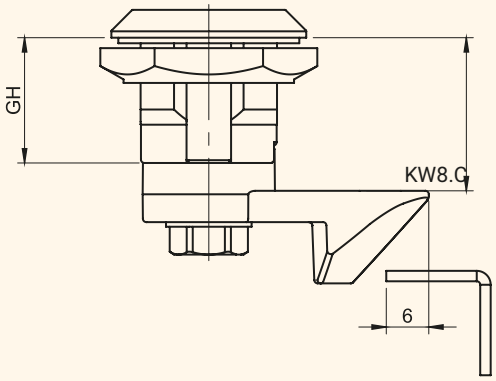
* possibility to make in another dimension

Quarter turn with self-locking cam JZ-3522

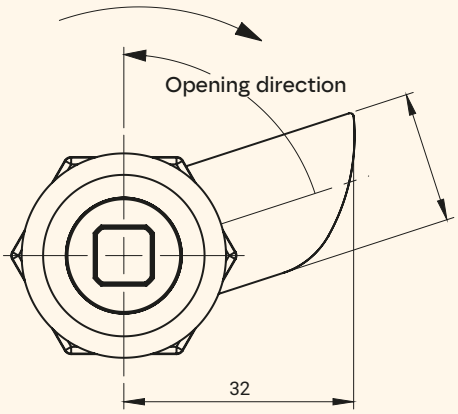
LH



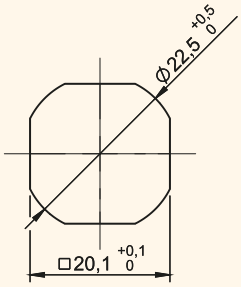
Quarter turn with cam
on left version



Automatic return of the quarter
turn to the closed position



Quarter turn in the left version,the right
version is a mirror reflection



Cut out

RH



Quarter turn with cam
on right version

CATALOGUE NUMBER	VERSION	MATERIAL
JZ-3522L	Left	ZAMAK 5
JZ-3522P	Right	

COMPATIBLE LOCKS M22			INSERTS [X]			FINISHING TYPE OF THE INSERT AND THE BODY [C]			
TYPE OF LOCK	GH	MATERIAL				Chrome	Nickel	RAL9005	RAL7035
M22-3	18	ZAMAK 5							
M22-30	60								
M22-60	30		KW8	D5	T9	01	02	04	05

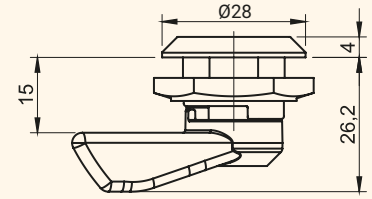
THE TYPE OF THE NUT [N]		
		Steel
Nut without grounding		13
Nut with grounding		23

How to order:

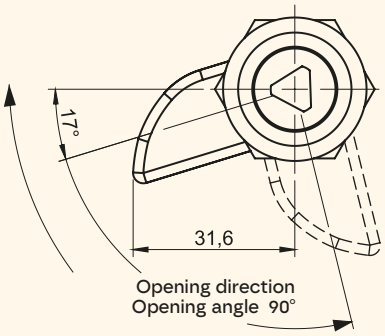
M22-3 — C.13 — KW8C — JZ-3522L

Type of quarter turn [C]
Body type / fiish [C]
Nut type [N]
Type of insert [X]
Pin fiish [C]
Cam catalogue number

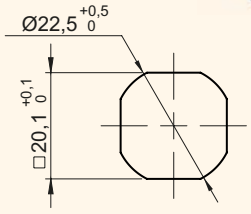
Quarter turn M22-6, M22-10







The quarter turn automatically returns to the closed position



Cut out

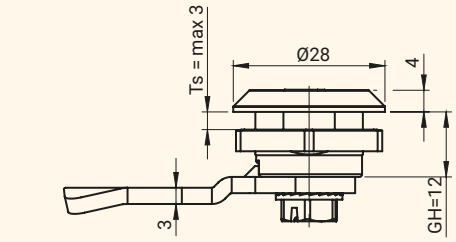
TYPE OF LOCK	INSERT [X]	COMPONENTS	MATERIAL	FINISH [C]
				Chrome
M22-6	T8	Housing, Insert, Latching cam	ZAMAK 5	01

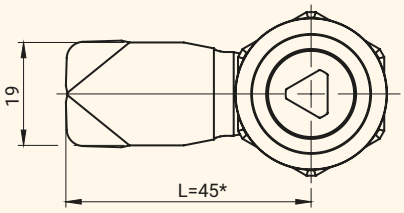
How to order:

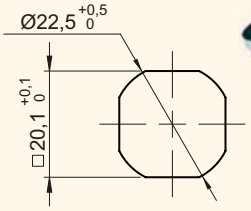
M22-6 — T8 — 01

Type of lock
Type of insert
Finish [C]

stainless steel | LH/RH | IP65 | NEW







Cut out



TYPE OF LOCK	TYPE OF MATERIAL AND PROTECTIVE COATING HOUSING AND INSERT [C]					INSERT [X]								
	ZAMAK 5			Stainless steel										
M22-10	Chrome	Zinc plated	RAL9005	304	316									
	01	03	04	9.1	-	T7	T8	KW6	KW7	KW8	D3	D5	HEX6	HEX8W

How to order:

M22-10 — T8 — H.G — C

Type of quarter turn>
Pin type [X]
Finish [C]
Type of material / surface fiish [C]

meaning:

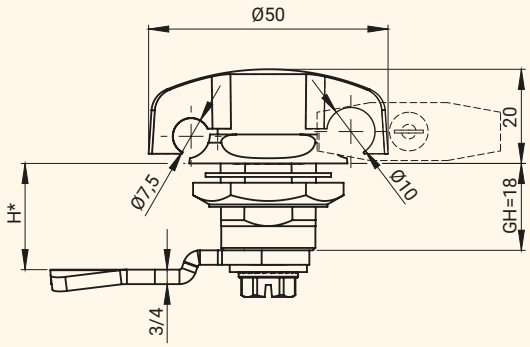
C - designation of material and surface fiish
H.G - the cam unbending dimension, cams range
Ts - door thickness

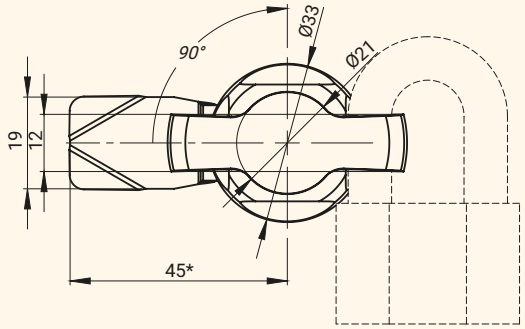
The quarter turn is fted with cams from the group: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pages 1C-10 to 1C-23)

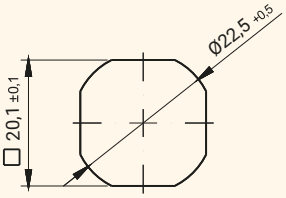
Quarter turn M22PM-K

Lock with padlockable mechanism









Cut out

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
M22PM-K	Housing, Insert	ZAMAK 5	RAL 9005
			04
	Cam	Steel	-
M22PM-K.SN	Housing, Insert, Cam	Stainless steel	-

How to order:

M22PM-K — H.G — C

Type of Quarter turn

Type of cam

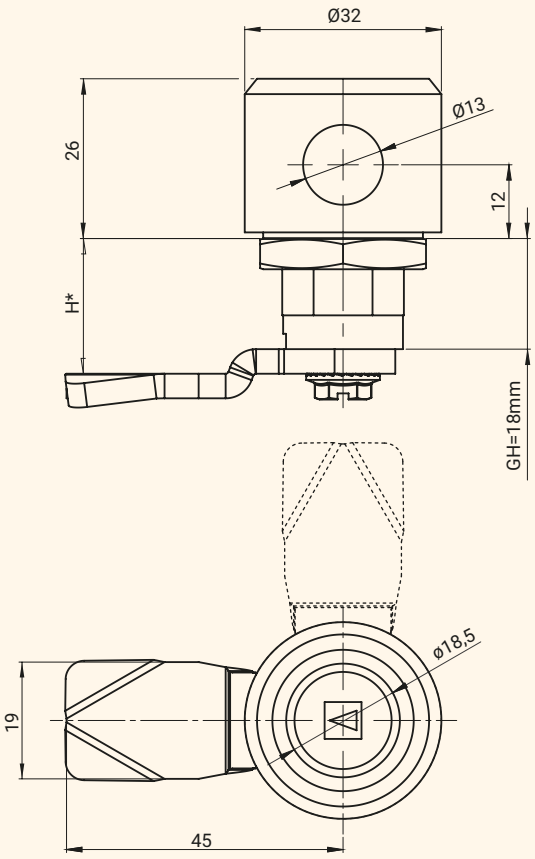
Finish

The quarter turn is fted with cams from the group: 15, 16, 19, 21, 35, 36, JK1-10018, JK2-10018, J-6000.01, J-6000.02, JK-1610.01, JZ-001 (pg. 1C-12 to 1C-23)

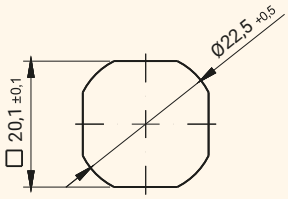
H.G - the cam unbending dimension (H-locking height, G-group)

State the cam thickness at order.
Padlock is not included.
* different dimensions available

Quarter turn M22BK







Cut out

INSERTS [X]		
D5	KW6	T8

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
M22BK	Housing, Insert	ZAMAK 5	04
	Cam	Zinc plated steel	-

How to order :

M22BK — KW8 — H.G. — C

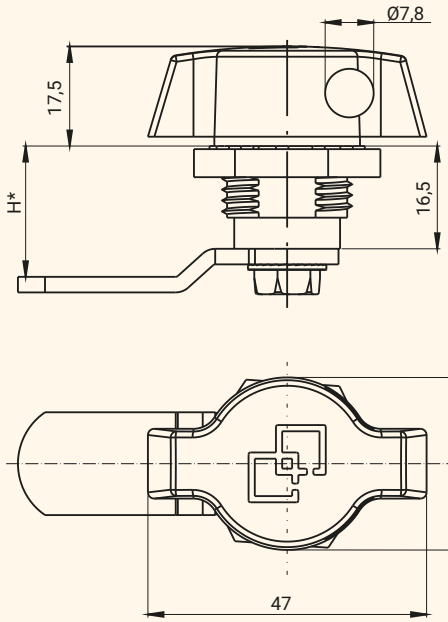
Type of Quarter turn
Type of insert
Type of cam
Finish

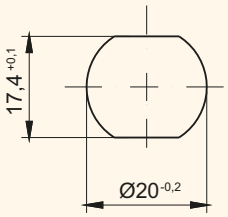
The lock is fitted with cams from the group: 15, 16, 19, 21, 35, 36, JK1-10018, JK2-10018, J-6000.01, J-6000.02, JK-1610.01, JZ-001 (pg. 1C-12 to 1C-23)
H.G - the cam unbending dimension (H-locking height, G-group)

Quarter turn 2.506, 2.M19

Lock with padlockable mechanism







Cut out

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			Chrome
2.506.001	Housing, Knob	ZAMAK 5	01
	Cam	Steel zinc plated	-

How to order:

2.506.001 — H.G — CC

Type of Quarter turn

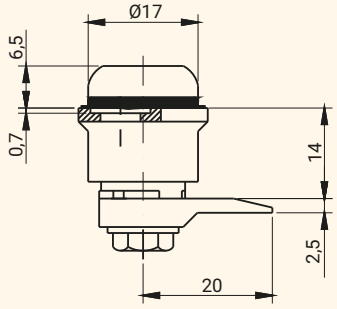
Type of cam

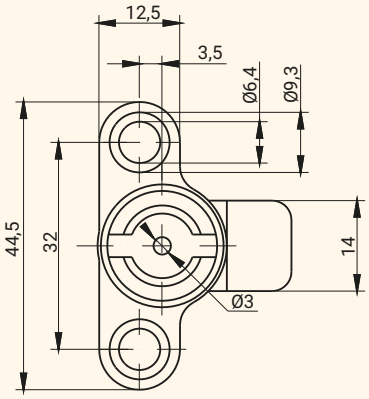
Finish

H.G - the cam unbending dimension (H-locking height, G-group)
The quarter turn is fted with cams from the group: 15, 16, 19, 21, 35, 36, JK1-10018, JK2-10018, J-6000.01, J-6000.02, JK-1610.01, JZ-001 (pg. 1C-12 to 1C-23)

IP54







TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			Nickel
2.M19.001	Housing, Cam	ZAMAK 5	02

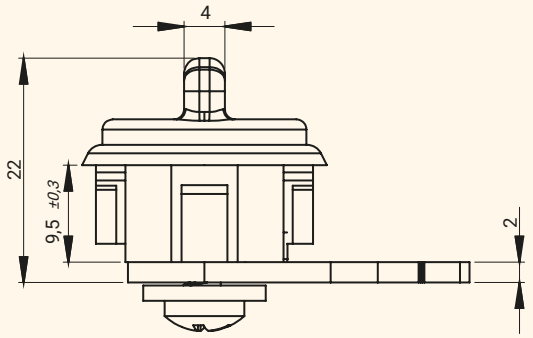
How to order:

2.M19.001 — C

Type of quarter turn

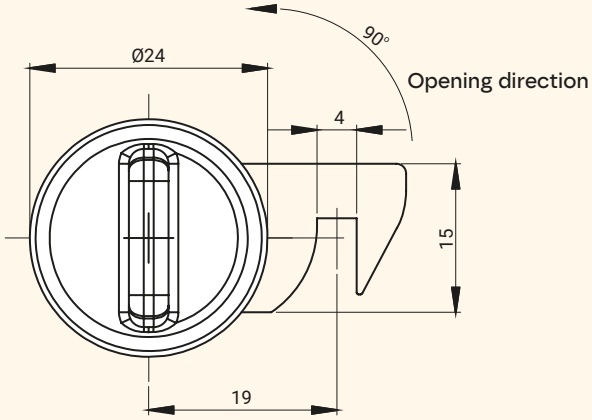
Finish

Quarter turn 2.630





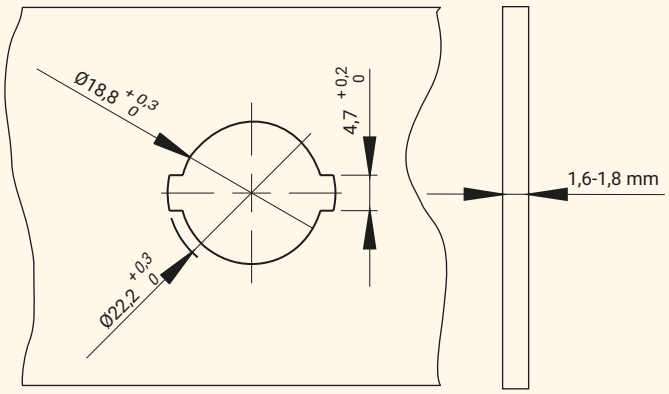
Left version
2.630.001



Castle in the closed position



Right version
2.630.002



Cut out

Note: The quarter turn adapted to components made of plastic artificial.
After opening, the quarter turn automatically returns to the closed position.

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
2.630.001 **2.630.002**	Housing, insert	Polyamide Steel	07	08
	Cam	azinc plated	-	-

How to order:

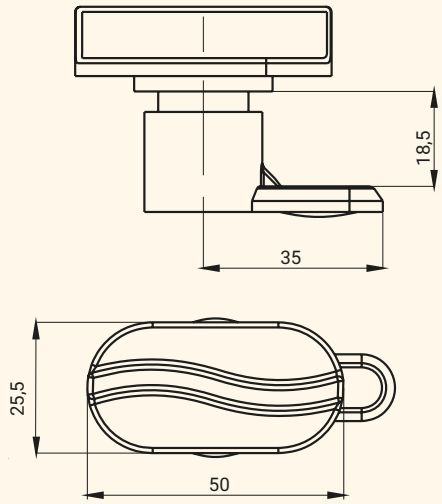
2.630.001 — C

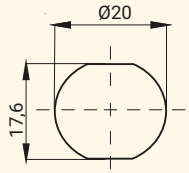
Type of quarter turn

Finish

Quarter turn 2.603, M22D-M







Cut out

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.603.001	Housing, insert	Polyamide	07

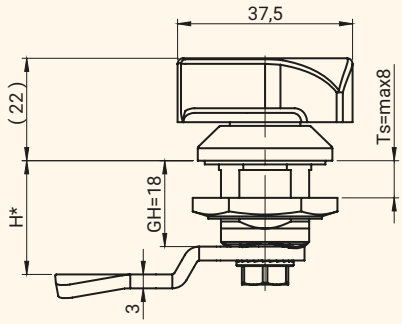
How to order:

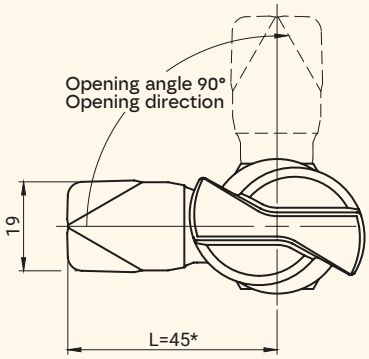
2.603.001 — C

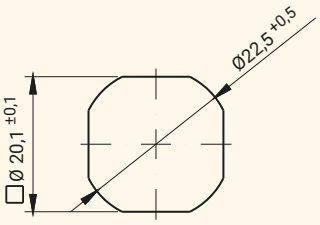
Type of Quarter turn

Finish









Cut out

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
M22D-M	Housing, insert	Polyamide	07	08
	Cam	Steel zinc plated	-	-

How to order:

M22D-M — H.G — C

Type of Quarter turn

The height of cam H

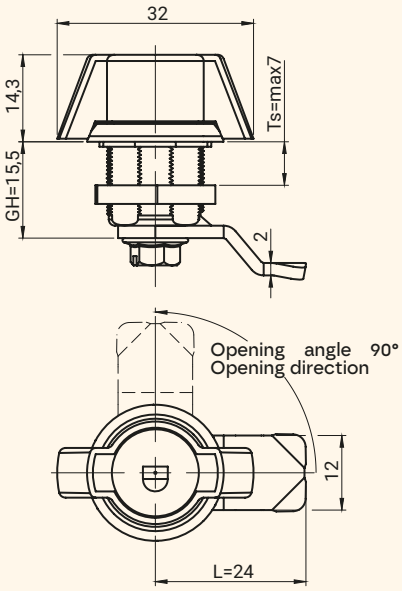
Finish [C]

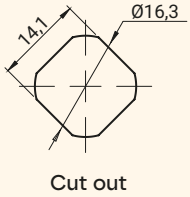
where:
H - the cam unbending dimension
G - cam group Ts - thickness door

* Possibility to order in a different dimension

The quarter turn is fitted with cams from the group: 15, 16, 19, 21, 35, 36, JK1-10018, JK2-10018, J-6000.01, J-6000.02, JK-1610.01, JZ-001 (pg. 1C-12 to 1C-23)

Quarter turn 2.616



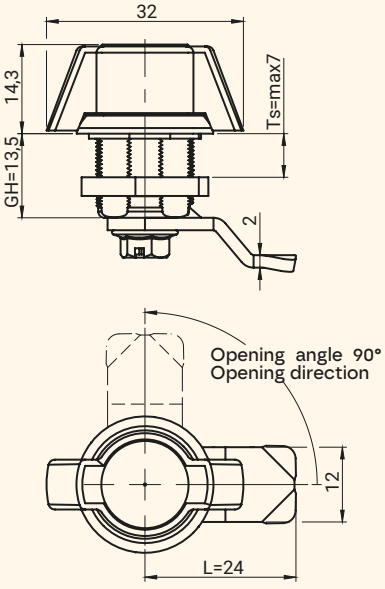


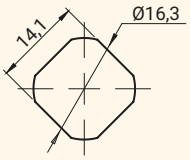
Cut out



Note: The quarter turn is mounted with the key code 2233X
* possibility to order in another dimension

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			Chrome	RAL 9005
2.616.001-H	Housing	ZAMAK5	-	04
	Cam	Steel zinc plated	-	-
2.616.101-H	Housing	ZAMAK5	01	-
	Cam	Steel zinc plated	-	-





Cut out



* possibility to order in another dimension

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			Chrome	RAL 9005
2.616.002-H	Housing	ZAMAK5	-	04
	Cam	Steel zinc plated	-	-
2.616.102-H	Housing	ZAMAK5	01	-
	Cam	Steel zinc plated	-	-

How to order:

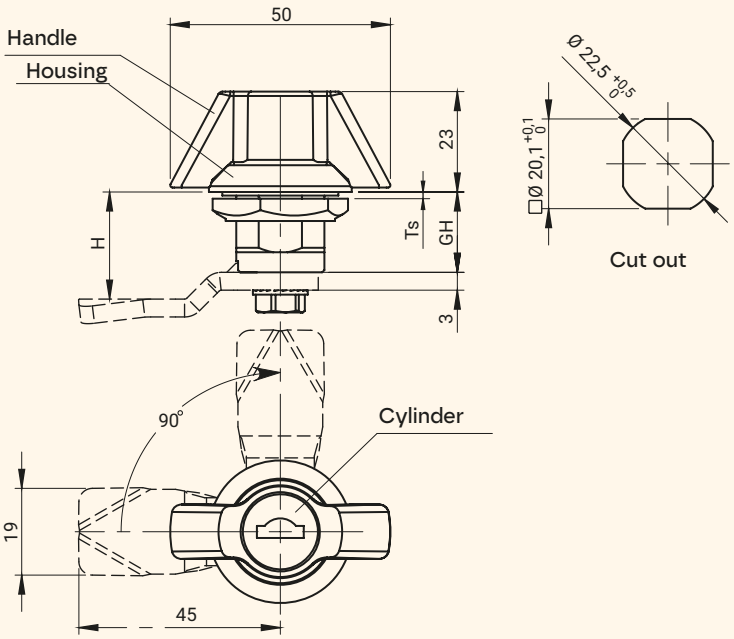
2.616.002 — H — C

Type of quarter turn
The height of cam H
Finish

Quarter turns with Butterfly Handle
2.PM, 2.PMPA







LOCK WITH METAL BUTTERFLY HANDLE									
GH VALUE		CATALOGUE NUMBER						FINISH	
		Cylinder type						Handle	Housing
		1333	RK	Without cylinder	405E	455E	1242E	2432E	ZAMAK 5
GH=18 Tsmax-8	Product code [XXX]	**002**	**004**	**006**	**008**	**010**	**012**	**014**	RAL9005
		001	**003**	**005**	**007**	**009**	**011**	**013**	Chrom
GH=30 Tsmax-18		**002**	**004**	**006**	**008**	**010**	**012**	**014**	RAL9005
		001	**003**	**005**	**007**	**009**	**011**	**013**	Chrom
GH=40 Tsmax-28		**002**	**004**	**006**	**008**	**010**	**012**	**014**	RAL9005
		001	**003**	**005**	**007**	**009**	**011**	**013**	Chrom
GH=60 Tsmax-48		**002**	**004**	**006**	**008**	**010**	**012**	**014**	RAL9005
		001	**003**	**005**	**007**	**009**	**011**	**013**	Chrom

How to order:

2.PM18.XXX — H.G

code [XXX] Type

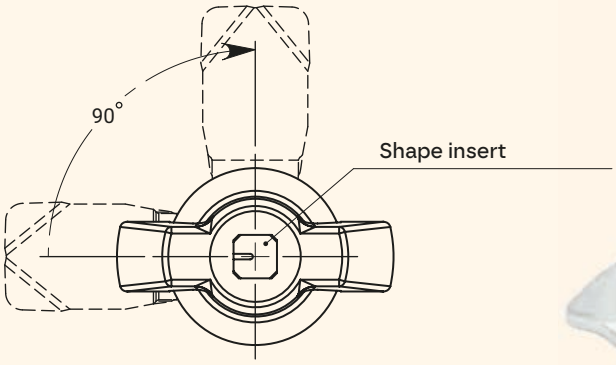
LOCK WITH METAL BUTTERFLY HANDLE									
GH VALUE		CATALOGUE NUMBER						FINISH	
		Cylinder type						Handle	Housing
		1333	RK	Without cylinder	405E	455E	1242E	2432E	Polyamid*	ZAMAK 5
GH=18 Tsmax-8	Product code [XXX]	**002**	**004**	**006**	**008**	**010**	**012**	**014**	RAL9005	RAL9005
		001	**003**	**005**	**007**	**009**	**011**	**013**		Chrome
GH=30 Tsmax-18		**002**	**004**	**006**	**008**	**010**	**012**	**014**		RAL9005
		001	**003**	**005**	**007**	**009**	**011**	**013**		Chrome
GH=40 Tsmax-28		**002**	**004**	**006**	**008**	**010**	**012**	**014**		RAL9005
		001	**003**	**005**	**007**	**009**	**011**	**013**		Chrome
GH=60 Tsmax-48		**002**	**004**	**006**	**008**	**010**	**012**	**014**		RAL9005
		001	**003**	**005**	**007**	**009**	**011**	**013**		Chrome

How to order:

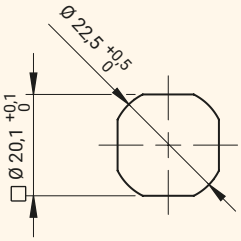
2.PMPA18.XXX — H.G

Catalogue number Product code [XXX] Type of cam

Quarter turn with wing handle with shaped insert







Cut out

METAL LOCK WITH BUTTERFLY HANDLE WITH SHAPED INSERT					
GH VALUE	CATALOGUE NUMBER		MATERIAL AND FINISH		
	Shape insert KW8	Shape insert T8	Handle	Housing	Insert
			ZAMAK 5		Steel
GH=18 Tsmax-8	**2.PM18-KW8**	**2.PM18-T8**	RAL9005		

How to order:
Catalogue number
Type of cam

2.PM18.002 — H.G

where: H.G:
H - height locking
G - cams range
Ts - Thickness door

The quarter turn is fitted with cams from the group: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pg. 1C-10 to 1C-23)

Each lock with a cylinder is supplied with two keys.
* The 2.PMPA lock handle is a two-component, injection-moulded plastic on an internal element made of metal (ZAMAK). Lock with a butterfly handle and shaped insert. 2.PM18-KW8(T8) allows emergency opening by means of a handle. The KW8 or T8 key is used to open the standard butterfly lock, which can be operated as a standard.

Quarter turn with wing handle stainless steel 2.PM18SN, M22PM-KSN

stainless steel | IP65 | EN 45545-2

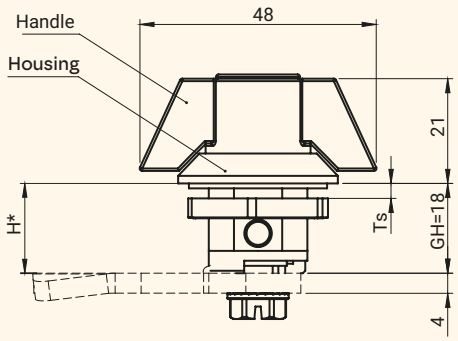
for stainless steel version

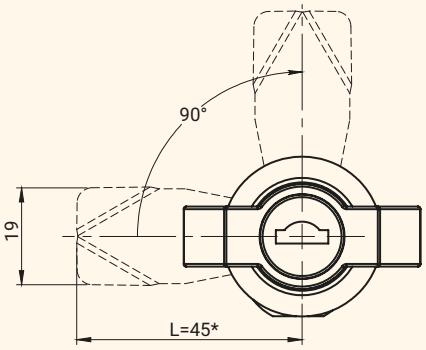


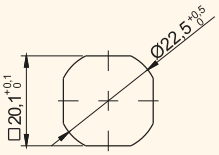
2.PM18.001SN



2.PM18.005SN







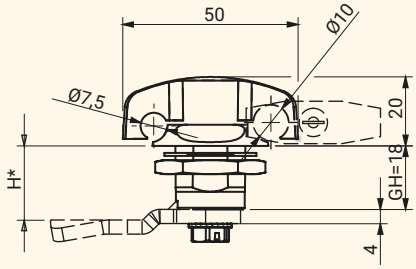
Cut out

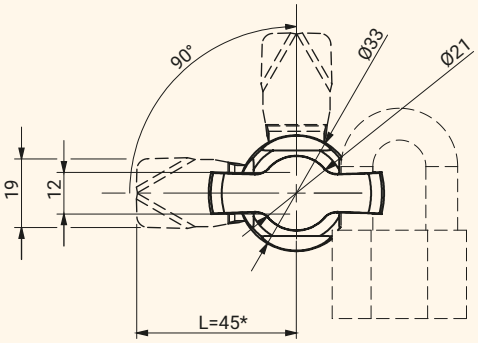
CATALOGUE NO.	CATALOGUE NO.		MATERIAL	
	Cylinder 1333	Without cylinder	Handle	Housing
PM18	2.PM18.001SN	2.PM18.005SN	Stainless steel 1.4401	

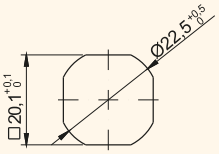
EN 45545-2

for stainless steel version









Cut out

CATALOGUE NO.	COMPONENTS		MATERIAL
M22PM-KSN	Housing	Insert	Stainless steel 1.4401

How to order:

2.PM18.001SN	—	H.G

Catalogue number

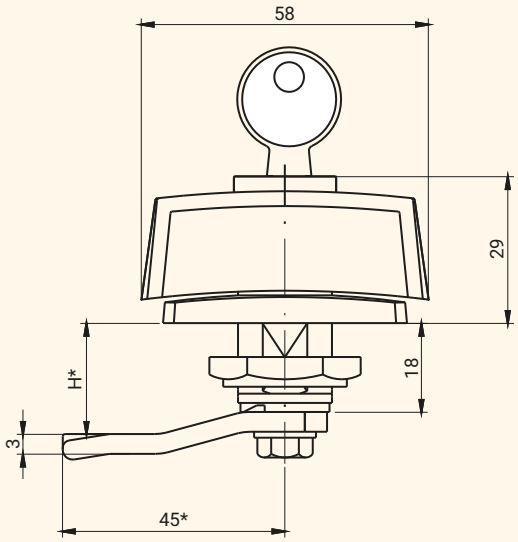
Type of cam

* other dimensions available on request

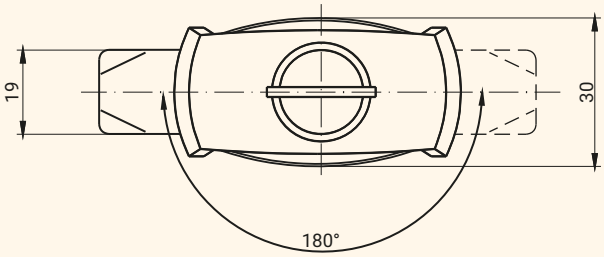
The quarter turn is fitted with cams from the group: 14, 17A, 34, JK1-16018SN, JK2-16018SN, J-6000.03SN, J-6000.04SN, JK-1610.01 (pg. 1C-10 to 1C-21)

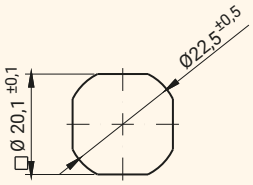
H.G - the cam unbending dimension (H - locking height, G - group)

Quarter turn with wing handle RW300









Cut out

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
RW300	Housing, knob	Polyamide	07	08
	Cam	Steel zinc plated	-	-

How to order:

RW300 — H.G — 1333 — C

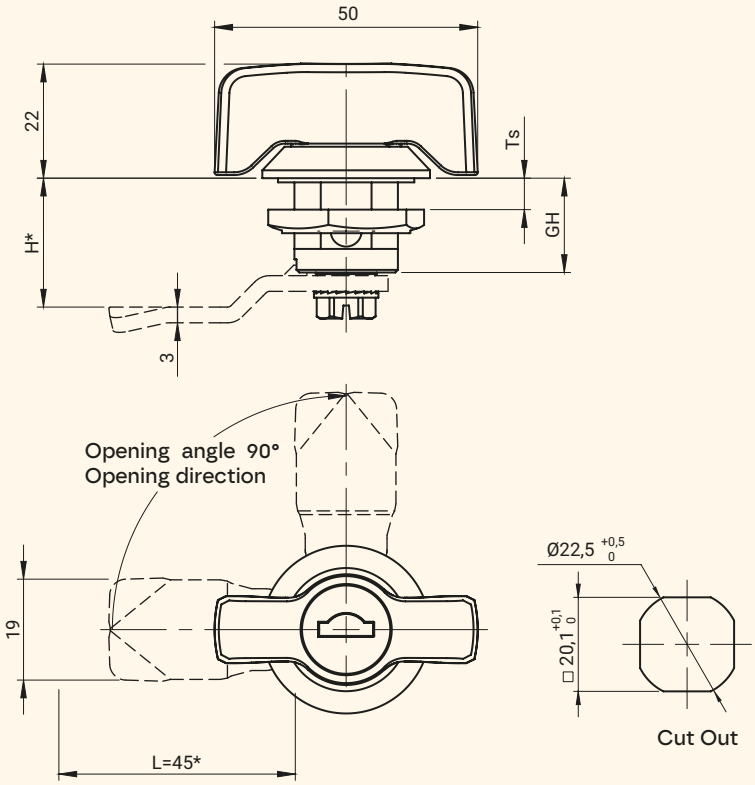
- Type of quarter turn
- Height cam H
- Key code
- Finish [C]

* possibility to order in another dimension
H.G - the cam unbending dimension (H-locking height, G-group)
The quarter turn is fitted with cams from the group: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pg. 1C-10 to 1C-23)

Quarter turn with wing handle 2.PM

NEW





COMPONENTS	MATERIAL
Housing, Handle	ZAMAK 5
Cam*	Zinc plated steel*

LOCK WITH BUTTERFLY HANDLE

GH VALUE	CATALOGUE NO.			FINISH [C]
	Cylinder 1333	Cylinder RK	Without cylinder	
GH=18 TS=MAX 8	**2.PM18.102**	**2.PM18.104**	**2.PM18.106**	RAL9005
	2.PM18.101	**2.PM18.103**	**2.PM18.105**	Chrome
GH=30 TS=MAX 18	**2.PM30.102**	**2.PM30.104**	**2.PM30.106**	RAL9005
	2.PM30.101	**2.PM30.103**	**2.PM30.105**	Chrome
GH=40 TS=MAX 28	**2.PM40.102**	**2.PM40.104**	**2.PM40.106**	RAL9005
	2.PM40.101	**2.PM40.103**	**2.PM40.105**	Chrome
GH=60 TS=MAX 48	**2.PM60.102**	**2.PM60.104**	**2.PM60.106**	RAL9005
	2.PM60.101	**2.PM60.103**	**2.PM60.105**	Chrome

GH VALUE	CATALOGUE NO.				FINISH [C]
	Cylinder 405E	Cylinder 455E	Cylinder 1242E	Cylinder 2432E	
GH=18 Tsmax-8	**2.PM18.108**	**2.PM18.110**	**2.PM18.112**	**2.PM18.114**	RAL9005
	2.PM18.107	**2.PM18.109**	**2.PM18.111**	**2.PM18.113**	Chrome

TYPE OF NUT [N]
Steel zinc plated
13

How to order:

2.PM18.002 — H.G

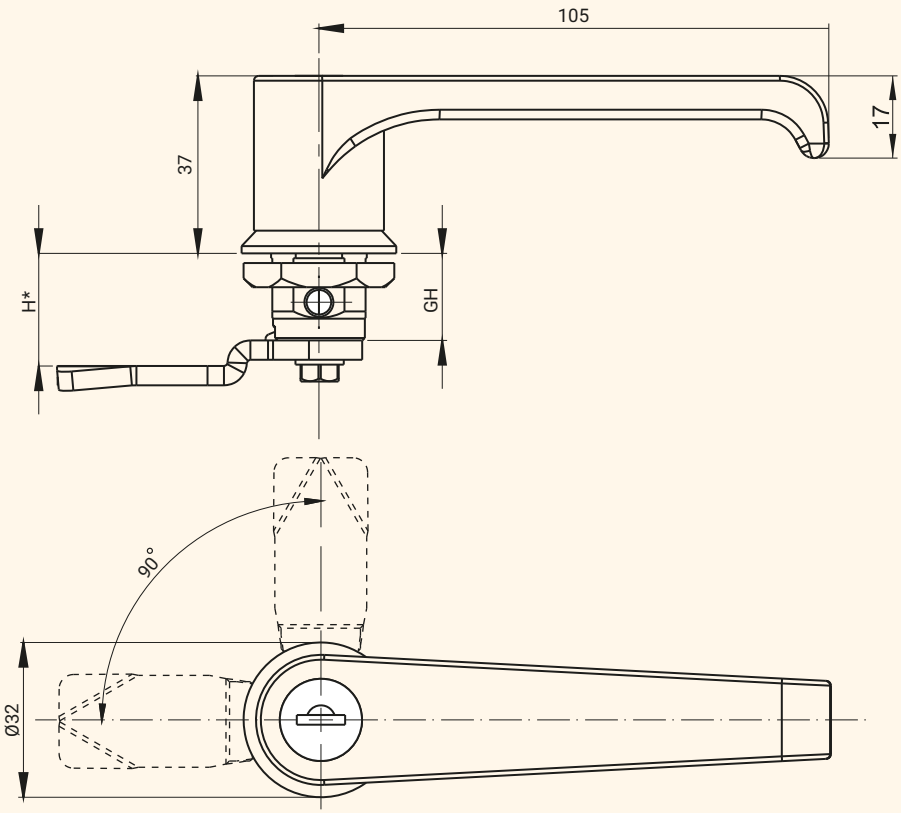
Catalogue number

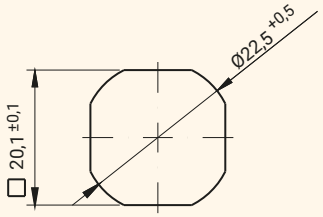
Type of cam

where:
H.G.:
H - height locking
G - cams range
Ts - thickness door

The quarter turn is fitted with cams from the group: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pg. 1C-10 to 1C-23)
* possibility to make in another dimension
* cam to be ordered separately

Quarter turn with handle L





Cut out

NAME	COMPONENTS
Housing,	ZAMAK 5**
knob Cam	Steel zinc plated**

TYP ZAMKA	CATALOGUE NO.			FINISH [C]
	Cylinder 1333	Cylinder - RK	Without cylinder	
L 18 (GH=18)	**2.L18.002**	**2.L18.004**	**2.L18.006**	RAL 9005
	2.L18.001	**2.L18.003**	**2.L18.005**	Chrome
L 30 (GH=30)	**2.L30.002**	**2.L30.004**	**2.L30.006**	RAL 9005
	2.L30.001	**2.L30.003**	**2.L30.005**	Chrome
L 40 (GH=40)	**2.L40.002**	**2.L40.004**	**2.L40.006**	RAL 9005
	2.L40.001	**2.L40.003**	**2.L40.005**	Chrome
L 60 (GH=60)	**2.L60.002**	**2.L60.004**	**2.L60.006**	RAL 9005
	2.L60.001	**2.L60.003**	2.L60.005	Chrome

How to order:

2.L30.003 — H.G

Catalogue number

Height cam H

* possibility to order in another dimension
** possibility to use stainless steel 1.4404
The quarter turn is fitted with cams from the group: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pg. 1C-10 to 1C-23)

L-handle made of stainless steel

stainless steel | IP65 | EN 45545-2

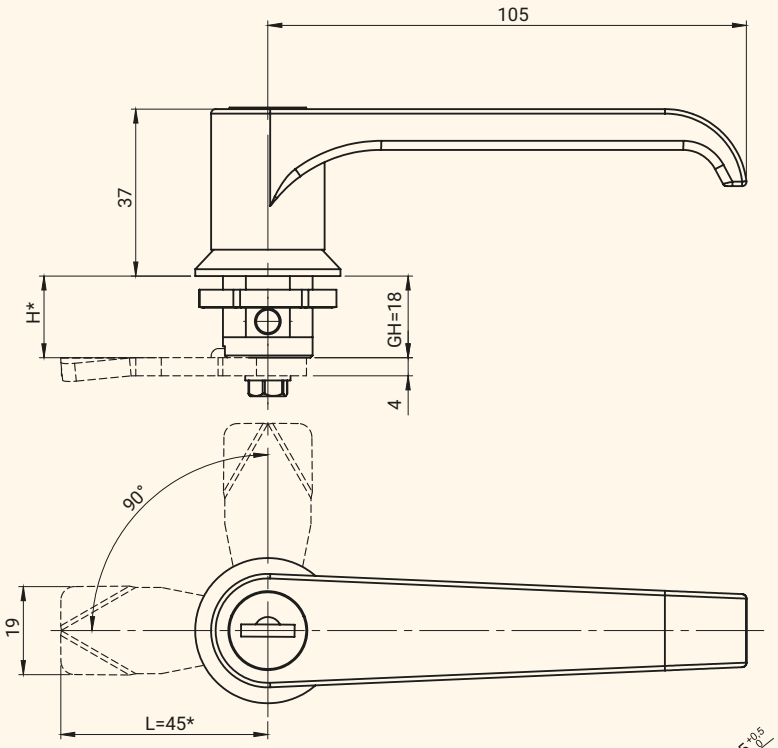
for stainless steel version

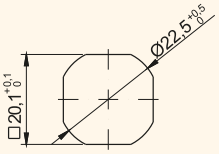


2.L18.001SN



2.L18.005SN





Cut out

CATALOGUE NO.	CATALOGUE NO.		MATERIAL	
	Cylinder 1333	Without cylinder	Handle	Housing
L18 (GH=18)	2.L18.001SN	2.L18.005SN	Stainless steel 1.4401	

How to order:

2.L18.001SN — H.G

Catalogue number — Type of cam

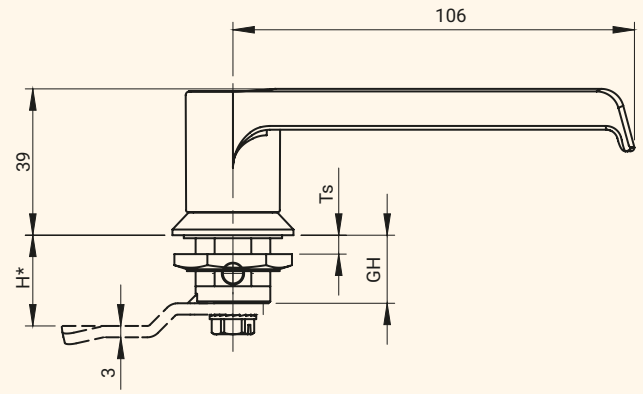
* other dimensions available on request

The quarter turn is fitted with cams from the group: 14, 17A, 34, JK1-16018SN, JK2-16018SN, J-6000.03SN, J-6000.04SN, JK-1610.01 (pg. 1C-10 to 1C-21)

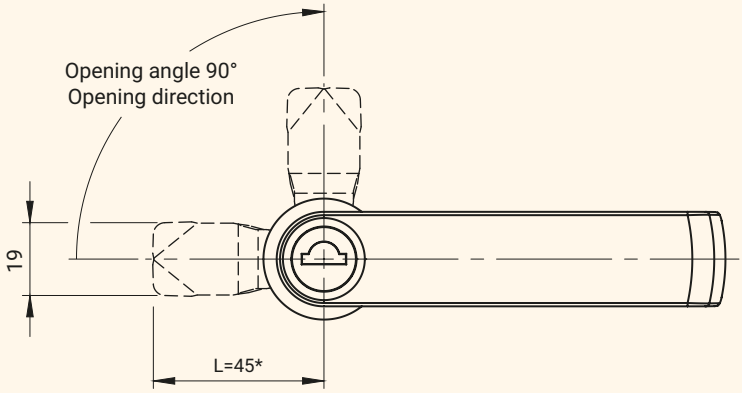
H.G - the cam unbending dimension (H - locking height, G - group)

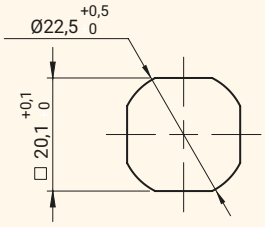
Quarter turn with L-handle - 2.L18.10X

NEW









Cut Out

COMPONENTS	MATERIAL
Housing, Handle	ZAMAK 5
Cam	Zinc plated steel*

GH VALUE	CATALOGUE NO.			FINISH [C]
	Cylinder 1333	Cylinder RK	Without cylinder	
GH=18 TS=MAX 8	**2.L18.102**	**2.L18.104**	**2.L18.106**	RAL9005
	2.L18.101	**2.L18.103**	**2.L18.105**	Chrome
GH=30 TS=MAX 18	**2.L30.102**	**2.L30.104**	**2.P30.106**	RAL9005
	2.L30.101	**2.L30.103**	**2.L30.105**	Chrome
GH=40 TS=MAX 28	**2.L40.102**	**2.L40.104**	**2.L40.106**	RAL9005
	2.L40.101	**2.L40.103**	**2.L40.105**	Chrome
GH=60 TS=MAX 48	**2.L60.102**	**2.L60.104**	**2.L60.106**	RAL9005
	2.L60.101	**2.L60.103**	**2.L60.105**	Chrome

TYPE OF NUT [N]
Steel zinc plated
13

How to order:

2.L30.101 — H.G

Catalogue number#

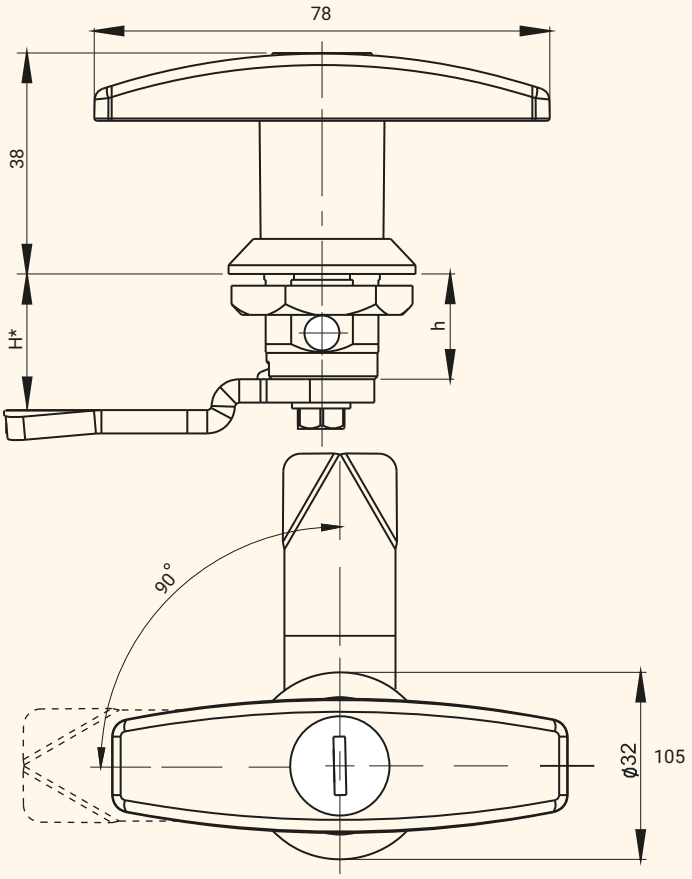
Type of cam

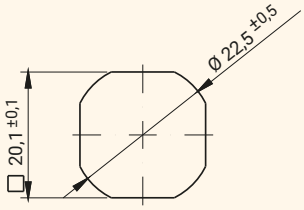
where:
H.G.:
H - height locking
G - cams range
Ts - thickness door

The quarter turn is fitted with cams from the group: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pg. 1C-10 to 1C-23)
* possibility to make in another dimension

Quarter turn with handle T







Cut out

NAME	COMPONENTS
Housing,	ZAMAK 5**
handle Cam	Steel zinc plated**

CATALOGUE NO.	CATALOGUE NO.			FINISH [C]
	Cylinder 1333	Cylinder - RK	Without cylinder	
T 18 (GH=18)	**2.T18.002**	**2.T18.004**	**2.T18.006**	RAL 9005
	2.T18.001	**2.T18.003**	**2.T18.005**	Chrome
T 30 (GH=30)	**2.T30.002**	**2.T30.004**	**2.T30.006**	RAL 9005
	2.T30.001	**2.T30.003**	**2.T30.005**	Chrome
T 40 (GH=40)	**2.T40.002**	**2.T40.004**	**2.T40.006**	RAL 9005
	2.T40.001	**2.T40.003**	**2.T40.005**	Chrome
T 60 (GH=60)	**2.T60.002**	**2.T60.004**	**2.T60.006**	RAL 9005
	2.T60.001	**2.T60.003**	**2.T60.005**	Chrome

How to order:

Catalogue number

Height cam H

2.T30.003 — H.G

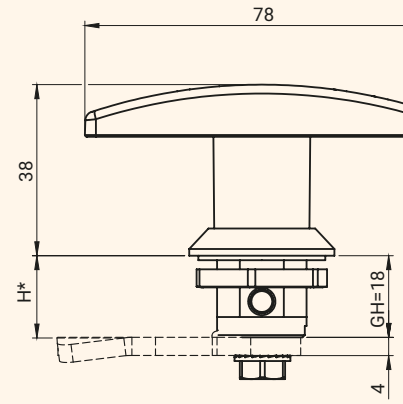
* possibility to order in another dimension

The quarter turn is fitted with cams from the group: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pg. 1C-10 to 1C-23)

Quarter turn with T-handle made of stainless steel

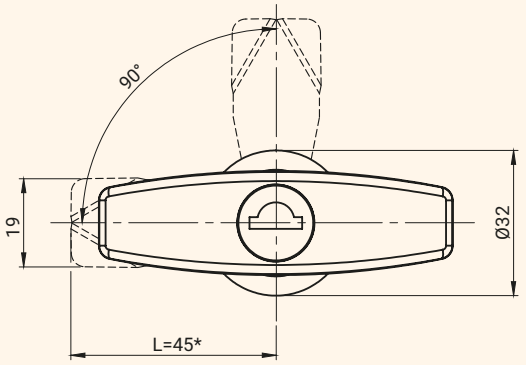
EN 45545-2

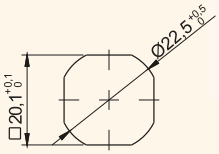
for stainless steel version





2.T18.001SN





Cut out



2.T18.005SN

CATALOGUE NO.	CATALOGUE NO.		MATERIAL	
	Cylinder 1333	Without cylinder	Handle	Housing
T18 (GH=18)	**2.T18.001SN**	**2.T18.005SN**	Stainless steel 1.4401	

How to order:

2.T18.001SN — H.G

Catalogue number

Type of cam

* other dimensions available on request

The quarter turn is fitted with cams from the group: 14, 17A, 34, JK1-16018SN, JK2-16018SN, J-6000.03SN, J-6000.04SN, JK-1610.01 (pg. 1C-10 to 1C-21)

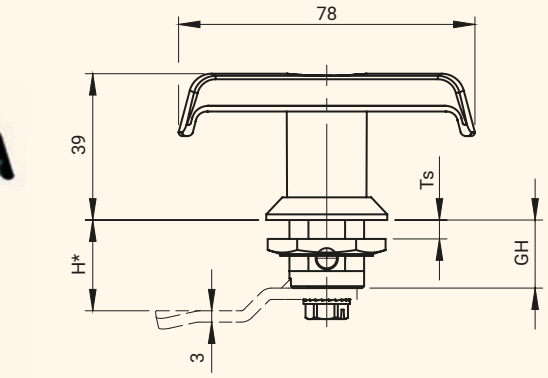
H.G - the cam unbending dimension (H - locking height, G - group)

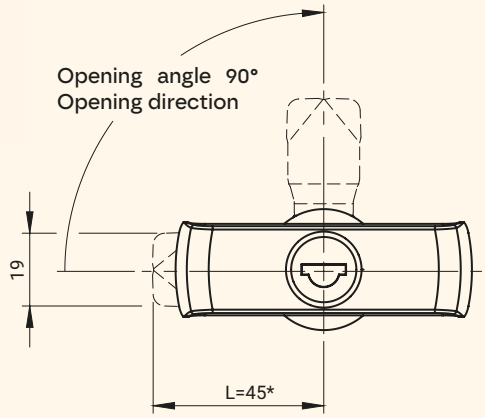
Dust shutter on request 2.904.010 (pg. 2A-80)

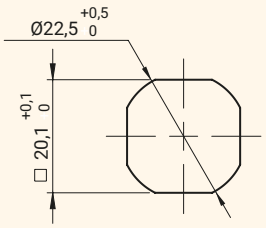
Quarter turn with handle T - 2.T18.10X

NEW









Cut Out

COMPONENTS	MATERIAL
Housing, Handle	ZAMAK 5
Cam	Zinc plated steel*

GH VALUE	CATALOGUE NO.			FINISH [C]
	Cylinder 1333	Cylinder RK	Without cylinder	
GH=18 Ts=max 8	**2.T18.102**	**2.T18.104**	**2.T18.106**	RAL9005
	2.T18.101	**2.T18.103**	**2.T18.105**	Chrome
GH=30 Ts=max 18	**2.T30.102**	**2.T30.104**	**2.T30.106**	RAL9005
	2.T30.101	**2.T30.103**	**2.T30.105**	Chrome
GH=40 Ts=max 28	**2.T40.102**	**2.T40.104**	**2.T40.106**	RAL9005
	2.T40.101	**2.T40.103**	**2.T40.105**	Chrome
GH=60 Ts=max 48	**2.T60.102**	**2.T60.104**	**2.T60.106**	RAL9005
	2.T60.101	**2.T60.103**	**2.T60.105**	Chrome

TYPE OF NUT [N]
Steel zinc plated
13

How to order:

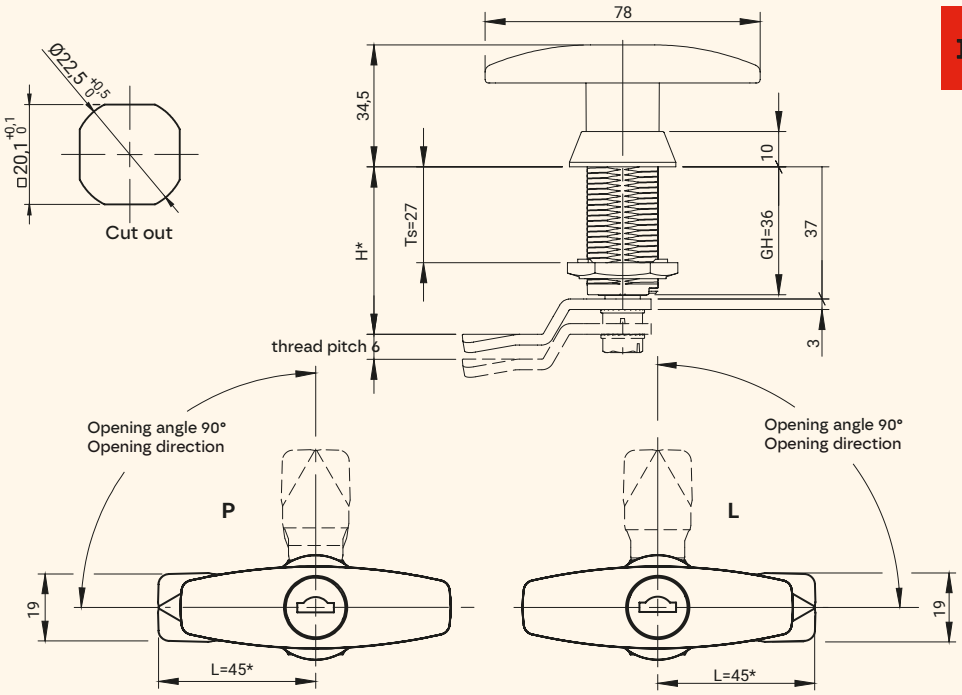
2.T30.101 — H.G

Catalogue number — Type of cam

where: H.G.:
H - height locking
G - cams range
Ts - thickness door

The quarter turn is fitted with cams from the group: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pg. 1C-10 to 1C-23)
* possibility to make in another dimension

Quarter turn with handle 2.TSA
T-Handle Dust Cover 2.904.010



IP65

NEW



Lock in closed position - to open, unlock the cylinder and then turn the handle 180 ° to the right

CATALOGUE NO.	COMPONENTS	MATERIAL
2.TSA	Housing, Handle	ZAMAK 5
	Cam	Galvanized steel

CATALOGUE NO.			FINISH [C]
Insert 1333	Insert RK	No Insert	
2.TSA.002	**2.TSA.004**	**2.TSA.006**	RAL 9005
2.TSA.001	**2.TSA.003**	**2.TSA.005**	Chrome

How to order:

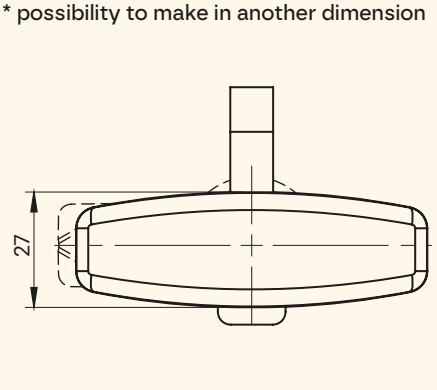
2.TSA.003 — L — H.G

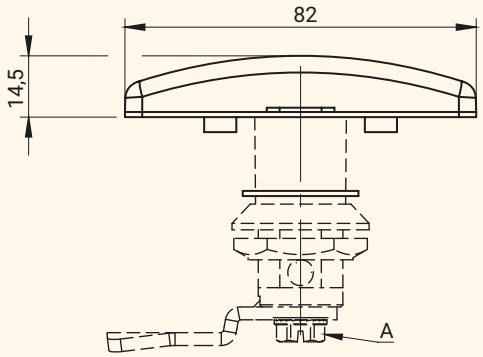
Catalog No.
Lock version (P - right, L - left)
The height of cam H

where:
H - the cam unbending dimension
G - cam group
Ts - Thickness door

The quarter turn is fitted with cams from the group: 15, 16, 19, 21, 35, 36, JK1-10018, JK2-10018, J-6000.01, J-6000.02, JK-1610.01, JZ-001 (pg. 1C-12 to 1C-23)

* possibility to make in another dimension





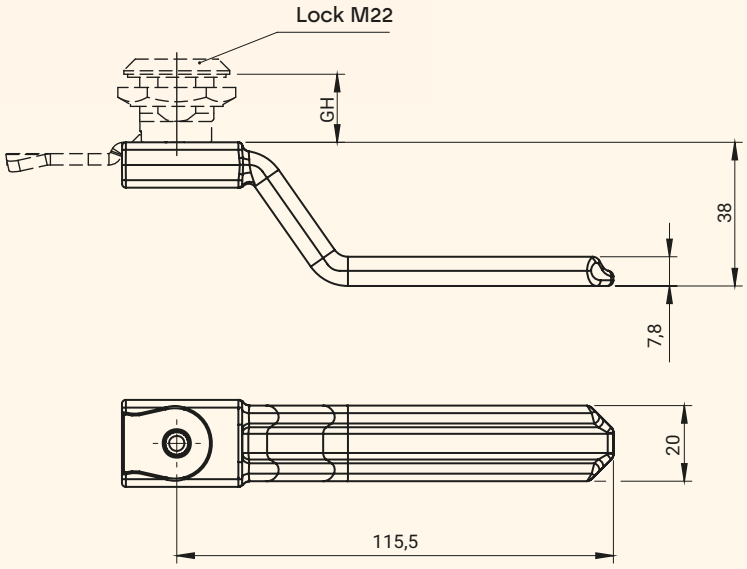


In order to mount the dust cover on the T-handle lock, remove the knob from the lock body by unscrewing the screw (A), then pass the cover through the lock pivot. In order to disassemble repeat in reverse order.

CATALOGUE NO.	COMPATIBLE LOCKS	MATERIAL	FINISH [C]
			RAL 9005
2.904.010	2.T	Polyethylene	07
	1B.RW510		

Internal handle 1C.DB.002





CATALOGUE NO.	COMPONENTS	FINISH [C]		LOCK GH VALUE
		RAL 9005	RAL 7035	
1C.DB.002	Internal handle (Polyamide PA6 GF30) Galvanized screw	07	08	18
				30
				40
				60

How to order:

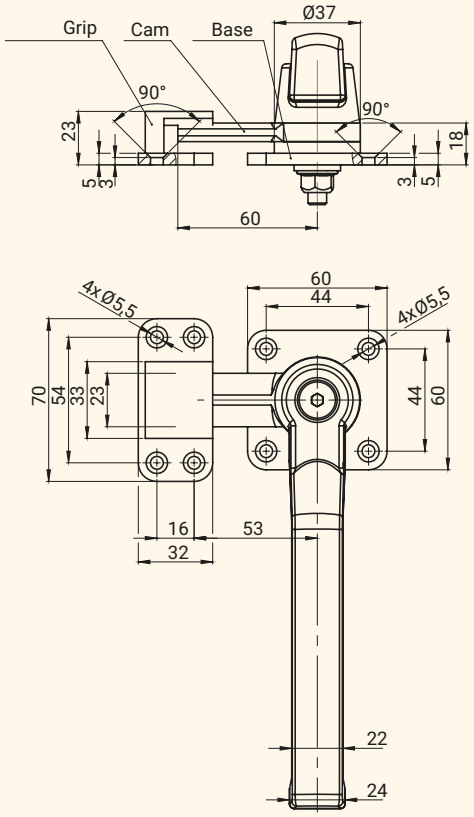
1C.DB.002 — C — GH

Catalogue number

Finish

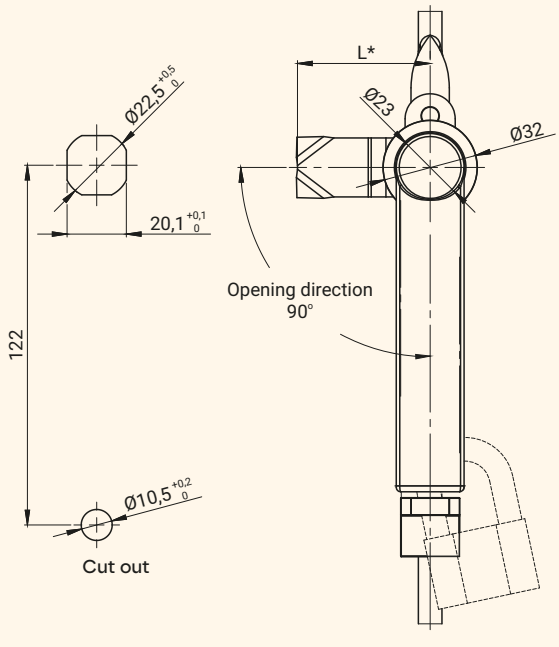
Height GH of the quarter turn to which the handle is to be fitted

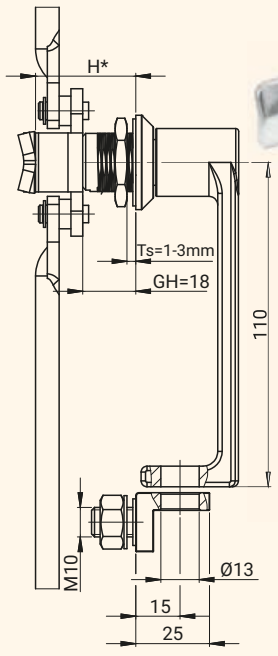
Quarter turn 2.800, 2.540





CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.800.001	Handle	Aluminium	04
	Cam, Base, Grip	Steel zinc plated	-







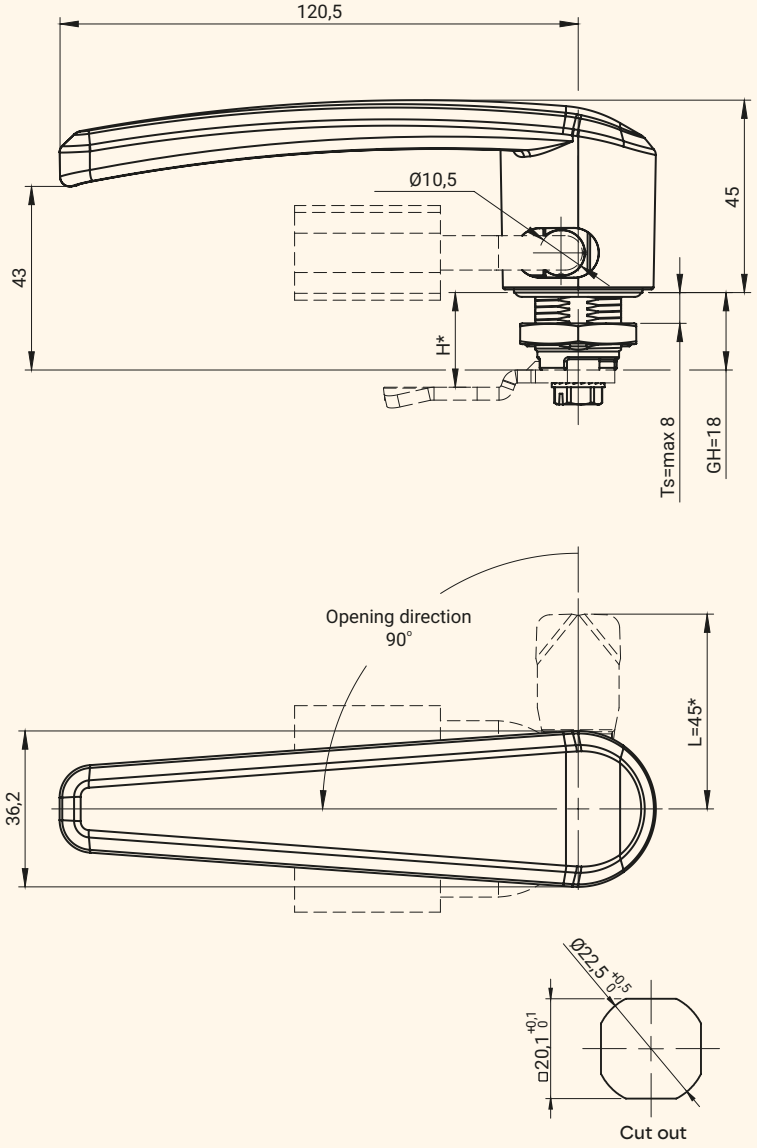
The quarter turn is fitted with cams from the group: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pg. 1C-10 to 1C-23)
Rods page 1C-4, 1C-5,
Ts - thickness of a metal sheet

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.540.001	Handle, Housing, Blockade	ZAMAK 5	04
	Cam	Zinc plated steel	-

Quarter turn with L-handle for padlock 2.L18.200

NEW LH PUR





CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]		
			Chrome	Galvanized	RAL 9005
2.L18.200	Handle	ZAMAK 5	01	-	04
	Housing	ZAMAK 5	-	03	-
	Cam	Zinc plated steel	-	-	-

How to order:

2.L18.200 — 04 — H.G

Catalogue number Handle finish [C] Type of cam

where:

H.G.:

H - height locking

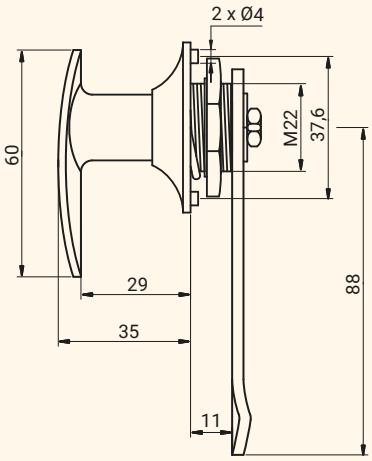
G - cams range

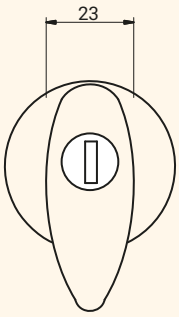
Ts - thickness door

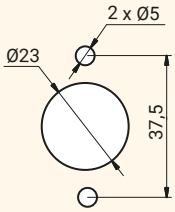
The quarter turn is fitted with cams from the group: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pg. 1C-10 to 1C-23)

* possibility to make in another dimension

Quarter turn 2.531, 2.532



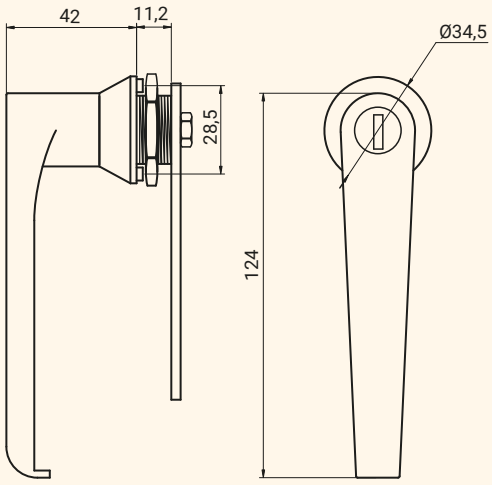


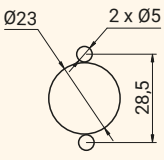


Cut out



CATALOGUE NO.	KEY CODE	COMPONENTS	MATERIAL
2.531.001	101	Housing, cam	Stainless steel
2.531.101	-	Housing, cam	Stainless steel





Cut out

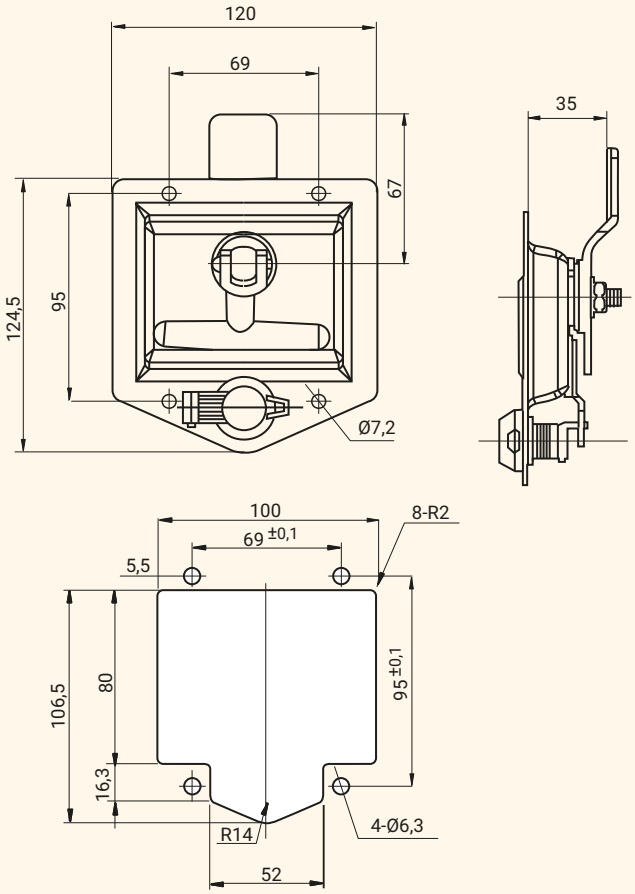


CATALOGUE NO.	KEY CODE	COMPONENTS	MATERIAL
2.532.001	101	Housing, cam	Stainless steel
2.532.101	-	Housing, cam	Stainless steel

Quarter turn 2.526, 2.544

stainless steel



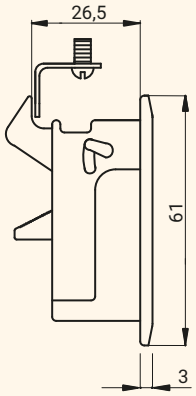


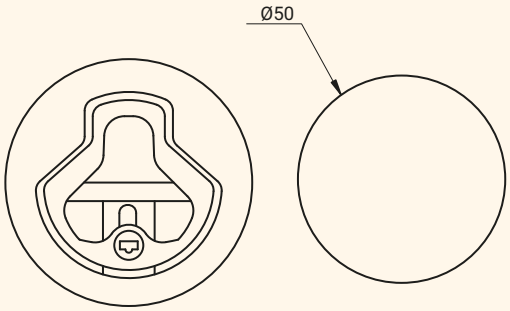
Cut out

CATALOGUE NO.	COMPONENTS	MATERIAL
2.526.001	Housing	Stainless steel
	Blocade	ZAMAK 5

stainless steel





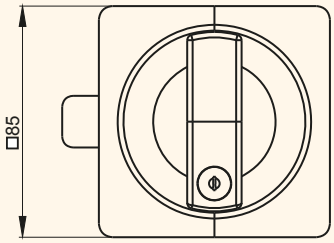


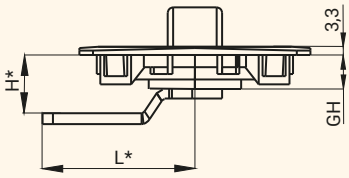
Cut out

Note: Includes
1 pair of keys Lock
sold with cylinder

CATALOGUE NO.	COMPONENTS	MATERIAL
2.544.001	Housing	Stainless steel
	Handle	

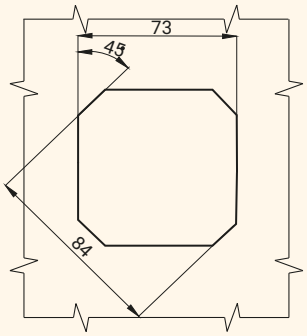
Quarter turn 2.608, 2.609







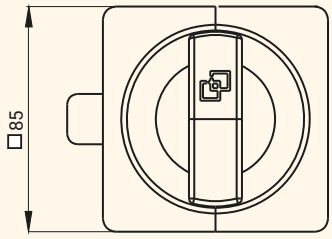
H	CAM 1 PKT	CAM 2 PKT	CAM 3 PKT
	GH=12,5		
2	601	625	631
3,5	602		632
6,5	603		633
9,5	604		634
12,5	605		635
15,5	606		636
18,5	607		637
21,5	608		638

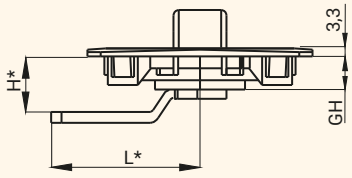


Cut out

Tab. The cam codes to order

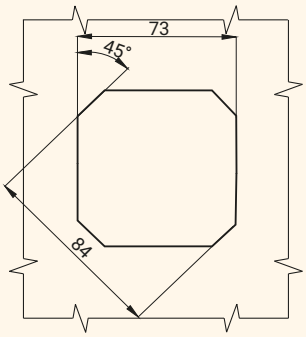
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			Chrome	RAL 9005
2.608.001	Housing	Polyamide	-	07
	Handle	ZAMAK 5	01	-
	Cam	Steel zinc plated	-	-







H	CAM 1 PKT	CAM 2 PKT	CAM 3 PKT
	GH=12,5		
2	601	625	631
3,5	602		632
6,5	603		633
9,5	604		634
12,5	605		635
15,5	606		636
18,5	607		637
21,5	608		638



Cut out

Tab. The cam codes to order

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			Chrome	RAL 9005
2.609.001	Housing	Polyamide	-	07
	Handle	ZAMAK 5	01	-
	Cam	Steel zinc plated	-	-

* possibility to order in another dimension

How to order: 2.609.001 — 601 — C

Type of Quarter turn

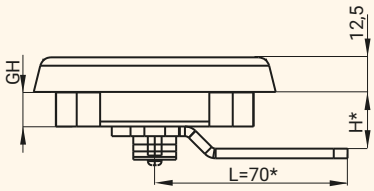
Type of cam

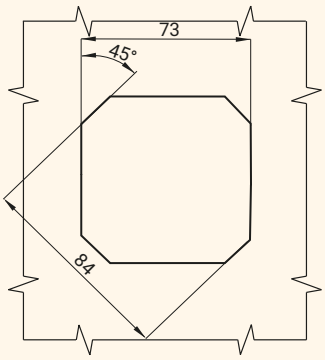
Finish

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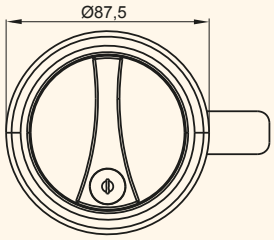
Quarter turn 2.606, 2.607







Cut out

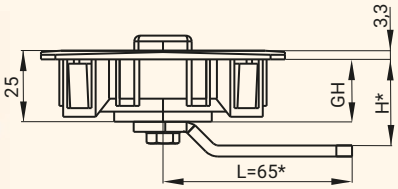


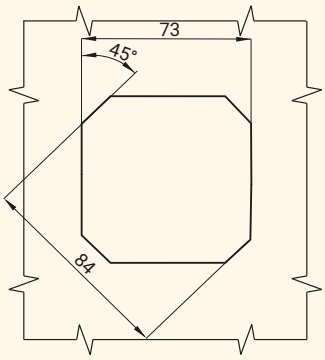
H	CAM 1 PKT	CAM 2 PKT	CAM 3 PKT
	GH=12,5		
2	601	625	631
3,5	602		632
6,5	603		633
9,5	604		634
12,5	605		635
15,5	606		636
18,5	607		637
21,5	608		638

Tab.1 The cam codes to order

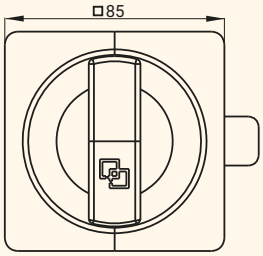
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
2.606.001	Housing	Polyamide	07	-
	Handle	ZAMAK 5	-	05
	Cam	Steel zinc plated	-	-







Cut out



H	CAM 1 PKT	CAM 2 PKT	CAM 3 PKT
	GH=20,5		
11,2	601	625	631
12,7	602		632
15,7	603		633
18,7	604		634
21,7	605		635
24,7	606		636
27,7	607		637
30,7	608		638

Tab.1 The cam codes to order

* possibility to order in another dimension

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	
2.607.001	Housing	Polyamide	Chrome	07
	Handle	ZAMAK 5	01	-
	Cam	Steel zinc plated	-	-

How to order: 2.606.001 — 601 — C

Type of Quarter turn

Type of cam

Finish

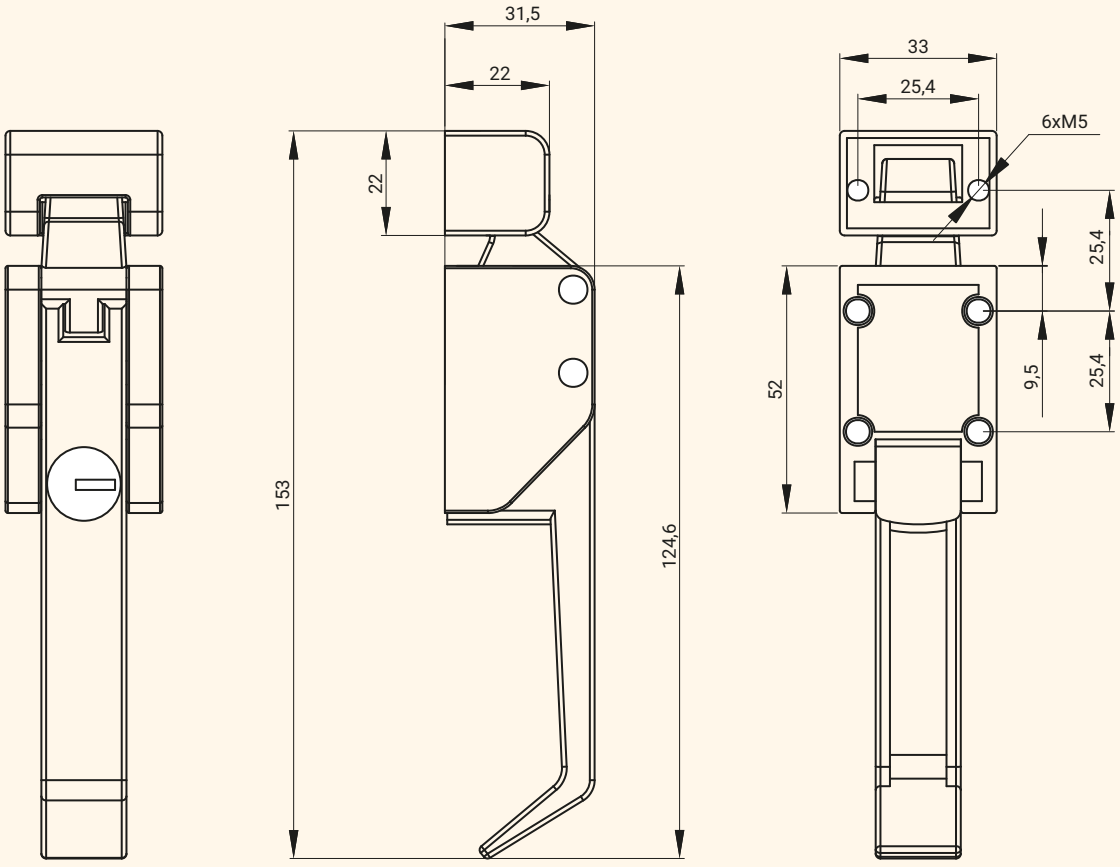
Quarter turn 2.533



2.533.101



2.533.001

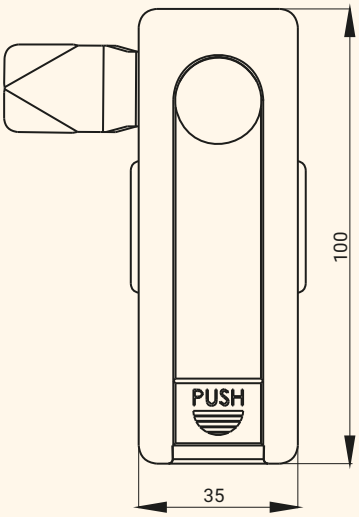


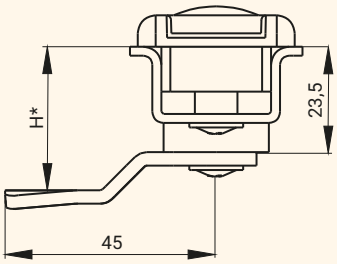
* lock with patent insert

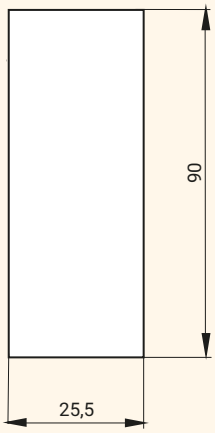
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.533.001	Housing	ZAMAK 5	04
2.533.101*			

Quarter turn 2.604, 2.605







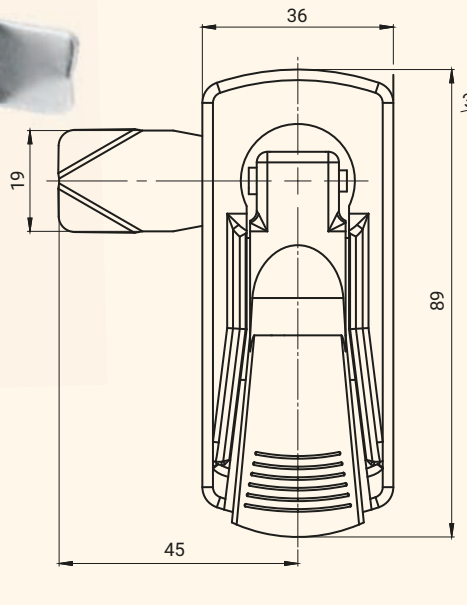


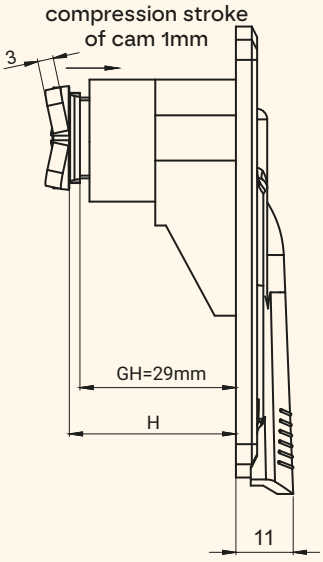
Cut out

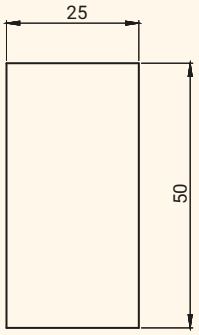
* By ordering specify the size H lock cam.

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.604.001	Housing, handle	Polyamide	07
	Cam	Stainless steel	-









Cut out

The quarter turn has the stroke of the cam offsetting the clearence.

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.605.001	Handle, Housing	Polyamide	07
	Cam	Zinc plated steel	-

How to order:

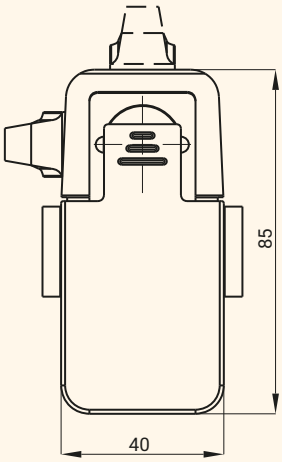
2.605.001 — 29 — C

Type of Quarter turn

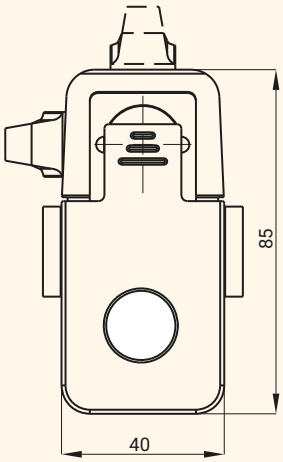
The height of cam H=21, 25, 29, 33, 37

Finish

Quarter turn 2.613

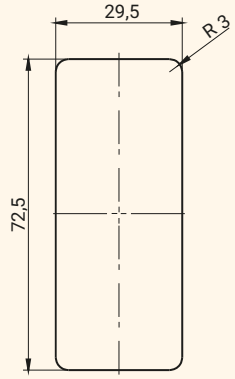


2.613.00.000

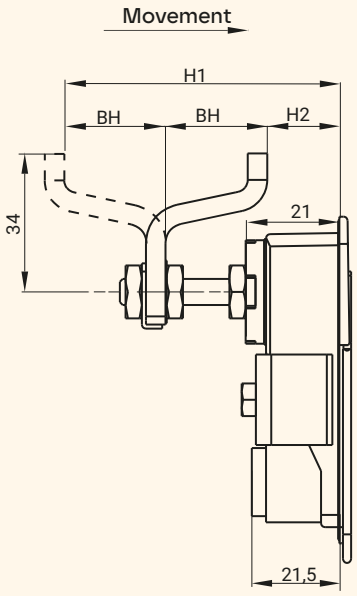


2.613.11.000





Cut out



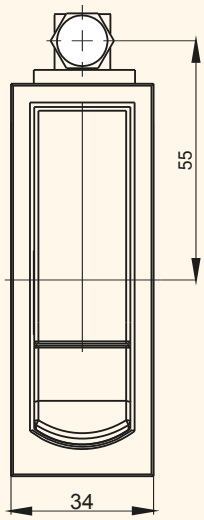


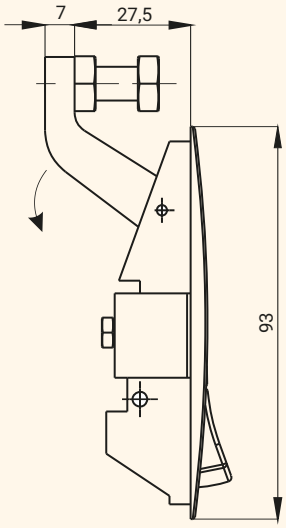
TYPE OF CYLINDER	CATALOGUE NO.		THE RANGE OF CAM	
	RAL 9005 04	Chrome 01	H2	H1
Without cylinder	**2.613.00.110**	**2.613.00.130**	6-16	56-66
	2.613.00.210	**2.613.00.230**	16-26	46-56
	2.613.00.310	**2.613.00.330**	26-36	36-46
Screwdriver	**2.613.11.110**	**2.613.11.130**	6-16	56-66
	2.613.11.210	**2.613.11.230**	16-26	46-56
	2.613.11.310	**2.613.11.330**	26-36	36-46

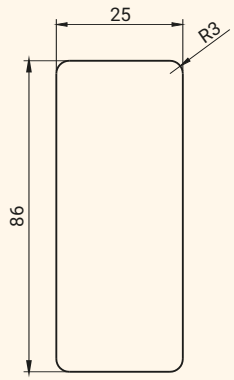
CATALOGUE NO.	COMPONENTS	MATERIAL
2.613.00.000	Housing, handle	ZAMAK 5
	Cam	Steel zinc plated

Quarter turn 2.615





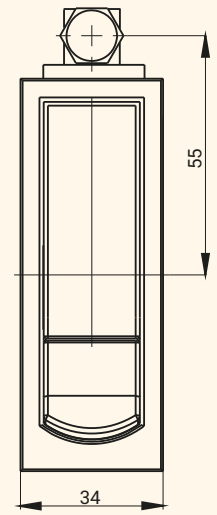


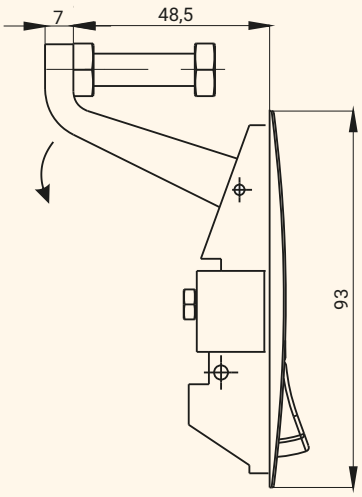


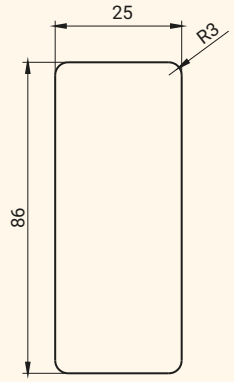
cut out

CATALOGUE NO.	TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
				Chrome	RAL 9005
2.615.146.10	With cylinder	Housing	ZAMAK 5	-	04
2.615.346.10	Without cylinder				
2.615.146.30	With cylinder	Housing	ZAMAK 5	01	-
2.615.346.30	Without cylinder				





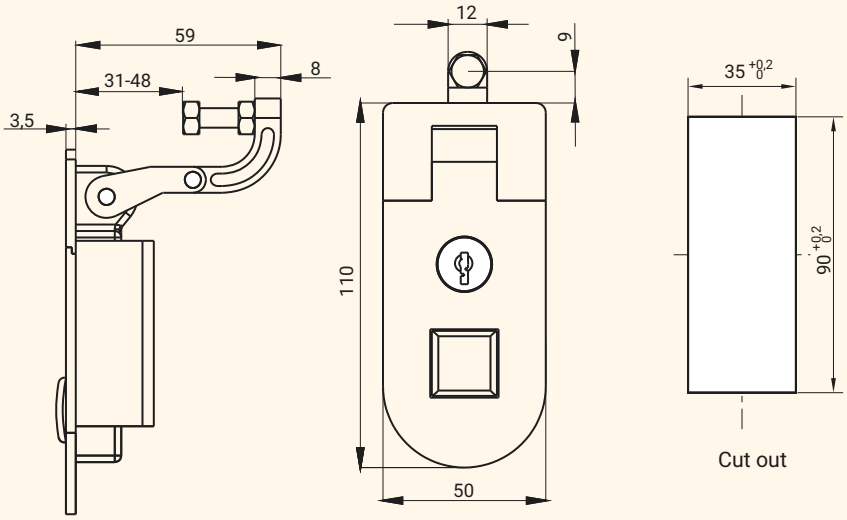




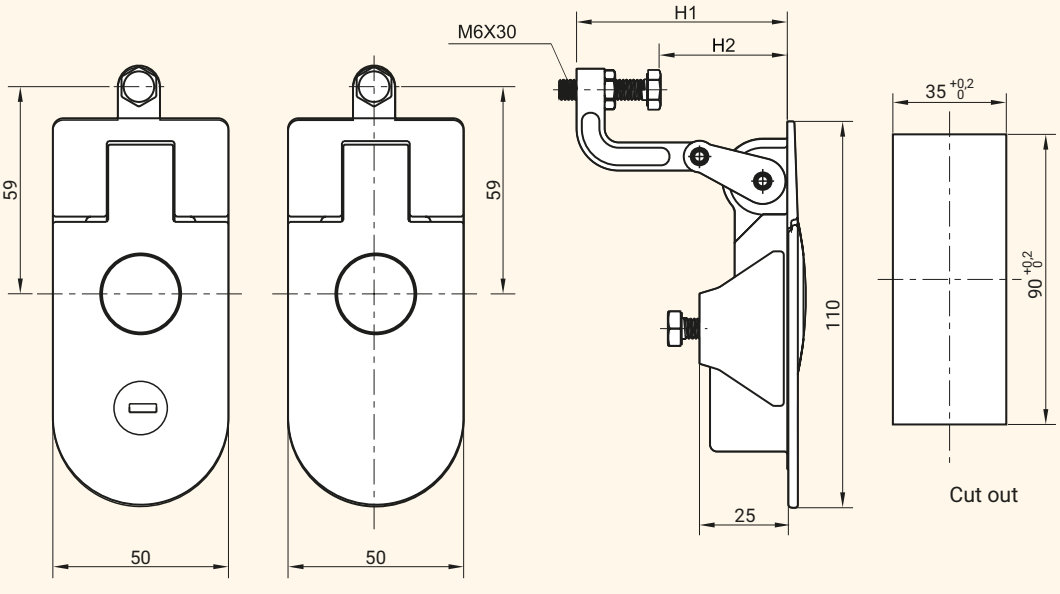
cut out

CATALOGUE NO.	TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
				Chrome	RAL 9005
2.615.124.10	With cylinder	Housing	ZAMAK 5	-	04
2.615.324.10	Without cylinder				
2.615.124.30	With cylinder	Housing	ZAMAK 5	01	-
2.615.324.30	Without cylinder				

Quarter turn 2.601



CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.601.001	Housing, Handle	ZAMAK 5	04



Version with key **Version without key**

CATALOGUE NO. WITH KEY	CATALOGUE NO. WITHOUT KEY	DIMENSION		COMPONENTS	MATERIAL	FINISH [C]
		H1	H2			RAL 9005
2.601.101	**2.601.201**	29	0-15	Housing, Handle	ZAMAK 5	04
2.601.102	**2.601.202**	60	30-45			
2.601.103	**2.601.203**	43	15-30			
2.601.104	**2.601.204**	75	45-60			

How to order:

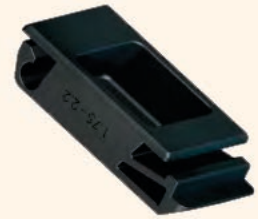
2.601.101 — 29 — 04

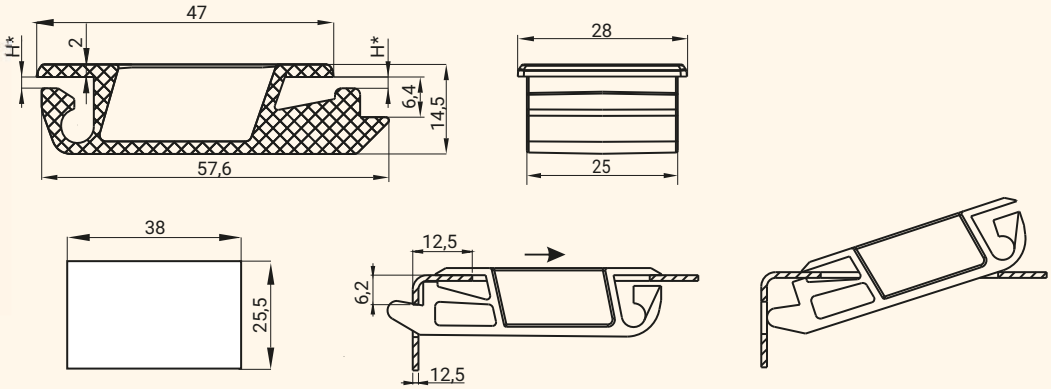
Type of Quarter turn

Dimension H1

Finish [C]

Quarter turn 2.509



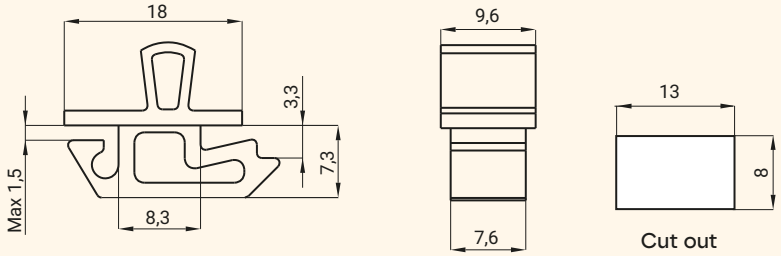


Cut out

Closing snap :
-2.509.001A dedicated to sheet thickness 1,2 mm-1,6 mm
-2.509.001B dedicated to sheet thickness 1,75 mm-2,2 mm

CATALOGUE NO.	DIMENSION [H]	FINISH & MATERIAL [C]	
		RAL9005 - ABS	RAL7035 - PA6
2.509.001A	1,8	07	08
2.509.001B	2,5		

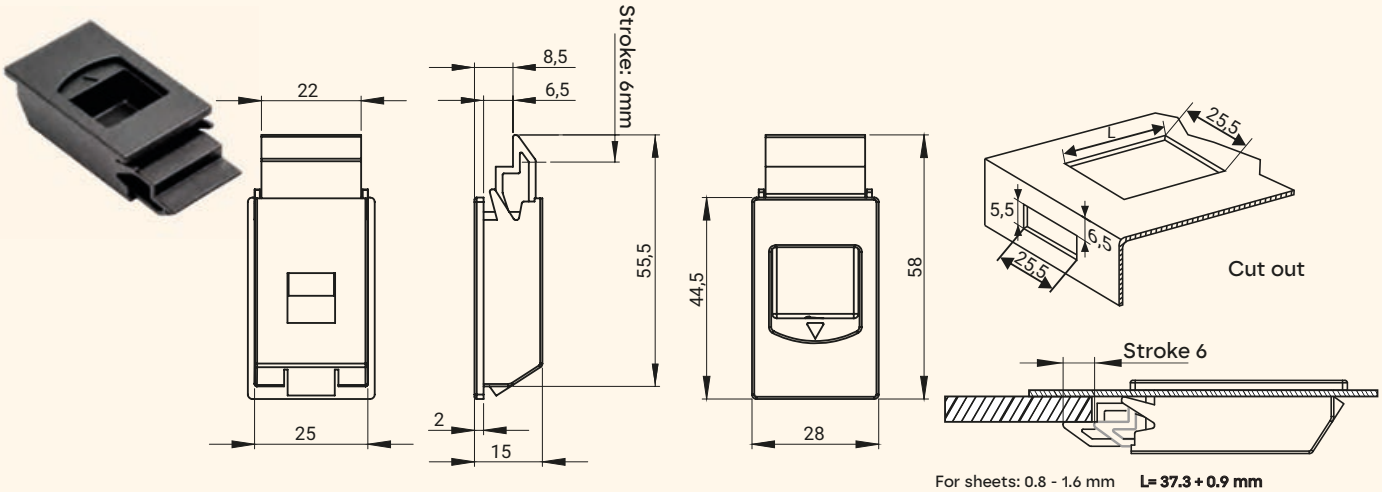




Cut out

Closing snap:
-2.509.002 dedicated to sheet thickness 1 mm - 1,5 mm

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
2.509.002	Housing	Polyamide	07	08



For sheets: 0.8 - 1.6 mm **L= 37.3 + 0.9 mm**
For sheets: 1.7 - 2.0 mm **L = 38.7 + 0.2 mm**

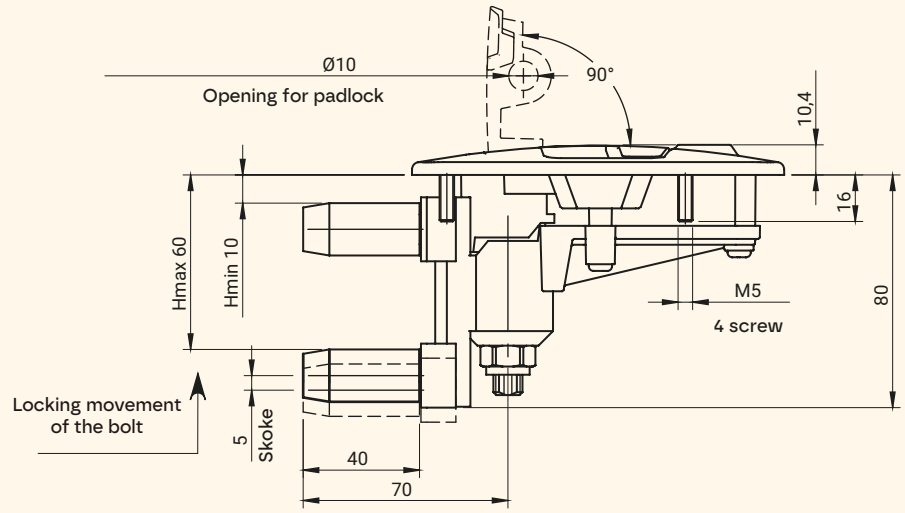
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
2.509.003	Housing, sliding portion	Polyamide	07	08

How to order: 2.509.001A — C

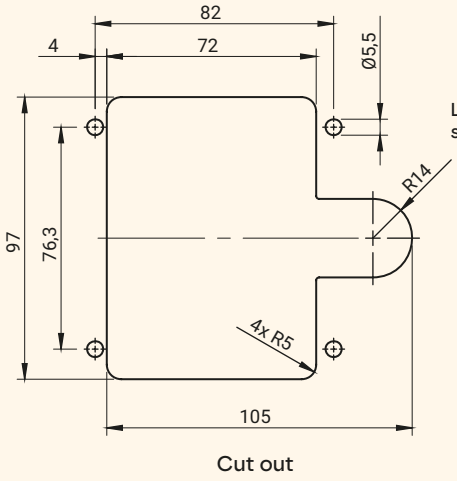
Type of Quarter turn

Finish

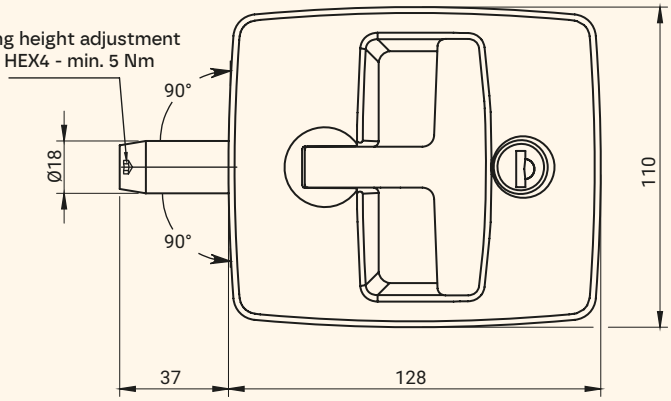
Quarter turn 2.516 with height adjustable cam







Cut out



Sealing of lockable doors by folding the lock handle into the lock body. The locking height (dimension H) is adjustable from 10 to 60 mm. Locking height is adjusted when the quarter turn is installed and locked with the HEX 4 key - Recommended tightening torque for the adjusting screw: 5 Nm.

CATALOGUE NO.	COMPONENTS	MATERIAŁ	FINISH [C]		CYLINDER PROFILE	
			Chrome	RAL9005	Key code	
2.516.001	Housing, Lever Roller	Polyamid PA6 GF	-	07	Different code RK	1333
	Handle	ZAMAK 5	01	04		
	Bolt, Lever Bushing	ZAMAK 5	-			

INSERTS [X]				FINISH [C]	
				Chrome	RAL9005*
D5	T9	KW8	S	01	04

How to order:
Catalogue no.. Key code / Type of insert .[C]
where: C - type of insert surface finish
Housing finish [C]
Handle finish [C]

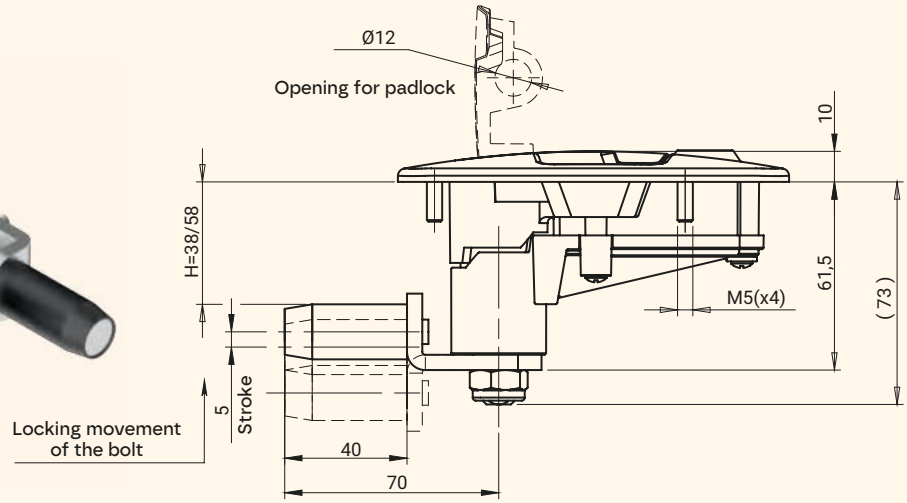
2.516.001 — KW8.C — 07 — 04

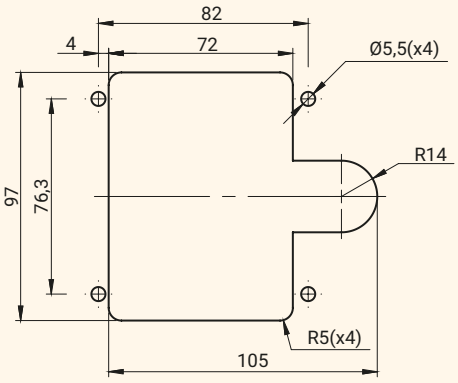
* other colours on request

Quarter turn 2.516.002
with fixed height cam H = 38 or H=58

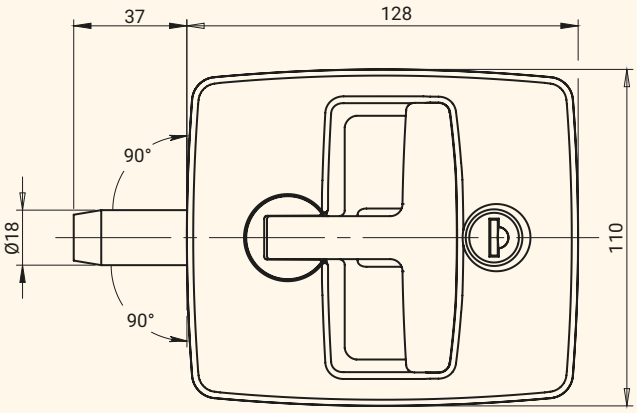
NEW







Cut out



CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]		CYLINDER PROFILE	
			Chrome	RAL9005	Key code	
2.516.002	Housing, Lever Roller	Polyamide PA6 GF	-	07	Different code RK	1333
	Handle	ZAMAK 5	01	04		
	Lever Bushing	ZAMAK 5	-			
	Bolt	Stainless steel				

INSERTS [X]				FINISH [C]	
				Chrome	RAL9005*
D5	T9	KW8	S	01	04

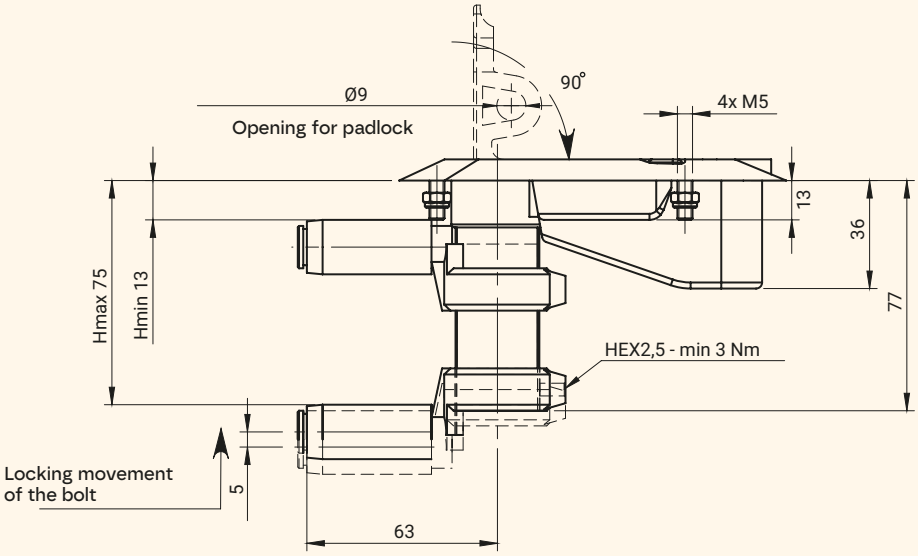
How to order:
Catalogue no. Key code /
Type of insert .[C]
where: C - type of insert surface finish
Housing finish [C]
Handle finish [C]

2.516.002 — KW8.C — 07 — 04

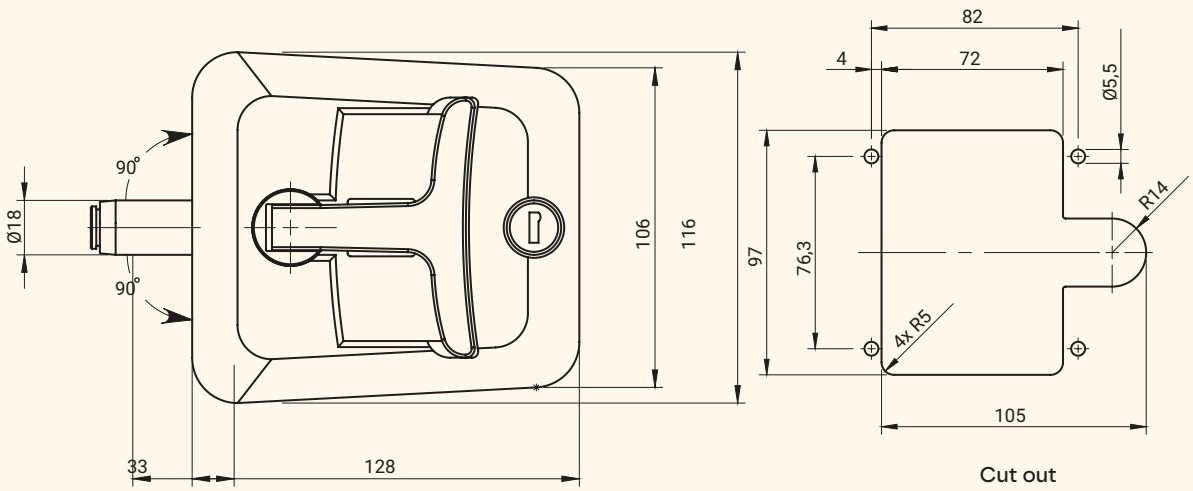
* other colours on request

Quarter turn 2.515

IP65







Sealing of the closed door through the axial rotation of the bushing along with the bolt, and fixing the lock in the closed position occurs when the lock handle is folded into its body.
The position of the bolt (dimension H) is adjustable in the range from 13 to 75 mm.
The position of the bolt on the bolt bushing is determined during assembly and then fixed with a 2.5 mm HEX key - the minimum recommended tightening torque is 3 Nm.
The quarter turn handle is available in two colors: black (RAL 9005) and grey (RAL 7035).

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
2.515.001	Housing, Lever Roller	Polyamide PA6 GF	07	-
	Handle	ZAMAK 5	04	05
	Bolt, Lever Bushing	ZAMAK 5	-	

How to order:

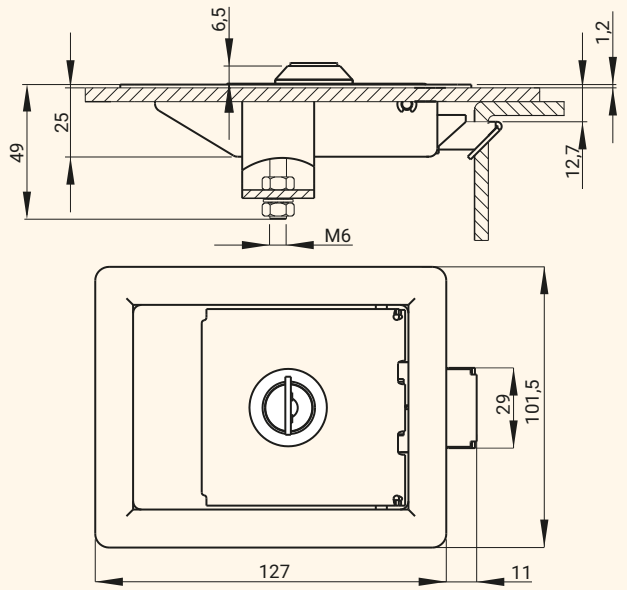
2.515.001 — 07 — 04

Catalogue no.
Housing finish
Handle finish

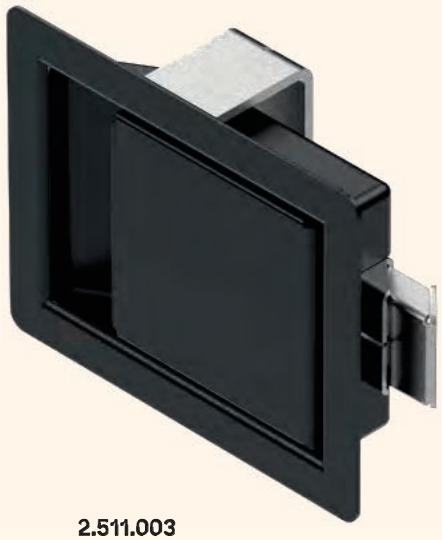
Quarter turn 2.511



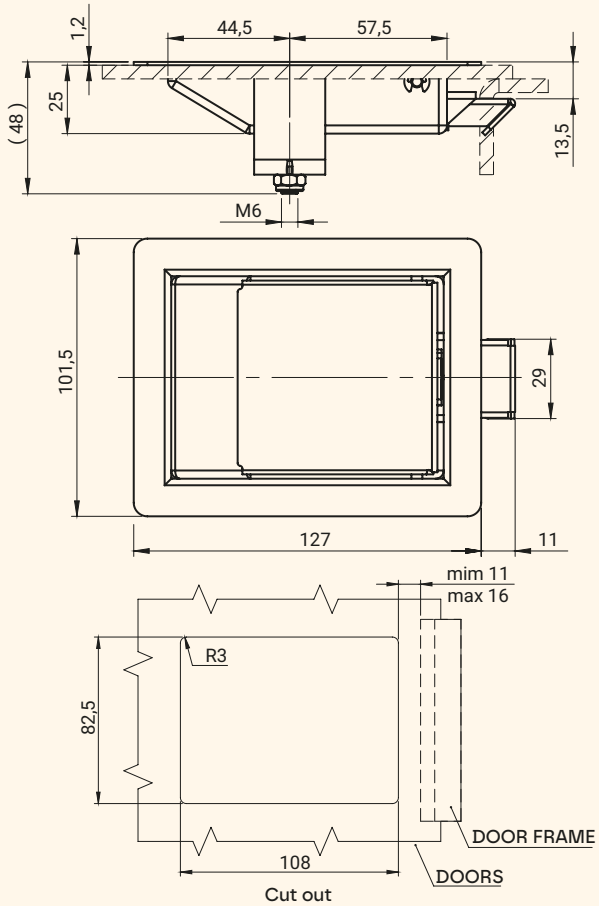
2.511.001



CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.511.001	Housing	Steel zinc plated	04
	Gasket	Elastomer	
2.511.001SN	Housing	Stainless steel	-
	Gasket	Elastomer	



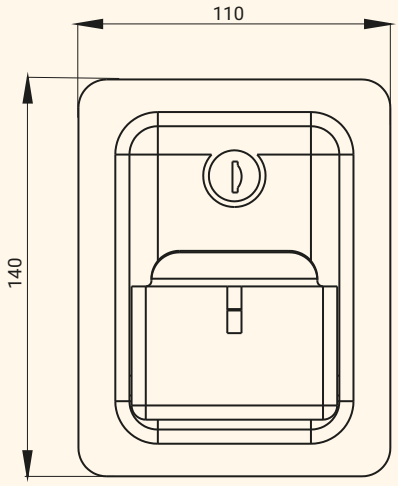
2.511.003

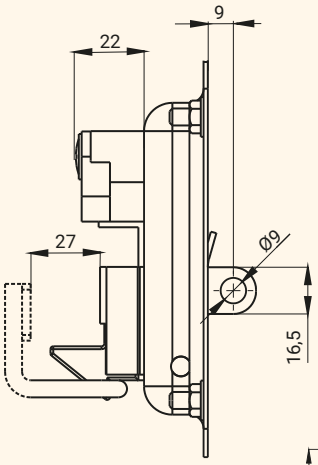


Cut out

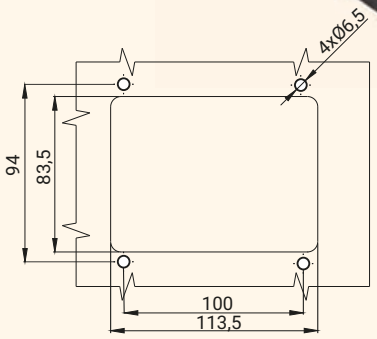
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.511.003	Housing	Steel zinc plated	04
	Gasket	Elastomer	
2.511.003SN	Housing	Stainless steel	-
	Gasket	Elastomer	

Quarter turn 2.610



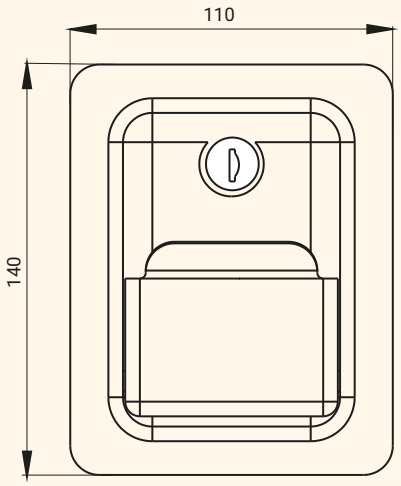


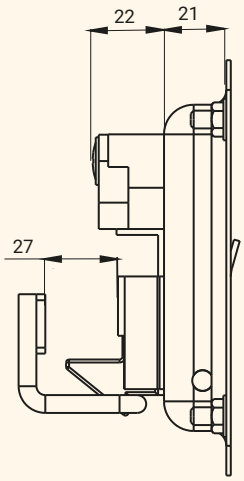




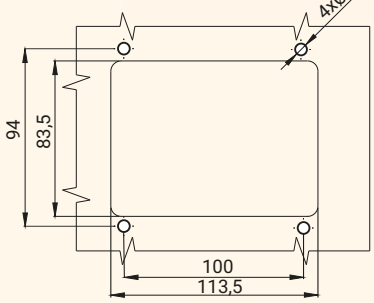
Cut out

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.610.001	Housing	Steel zinc plated	04
	Gasket	Elastomer	







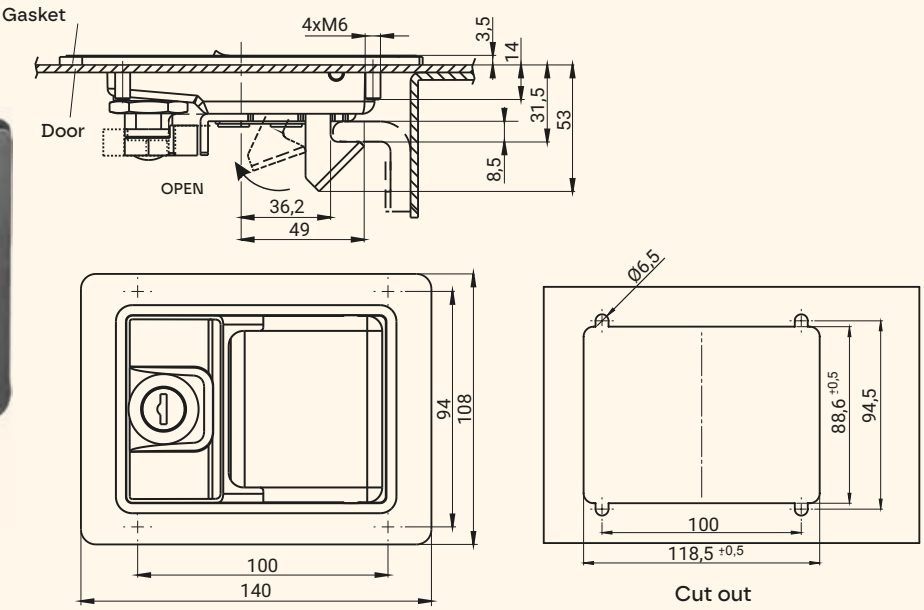


Cut out

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.610.002	Housing	Stainless steel	04
	Gasket	Elastomer	

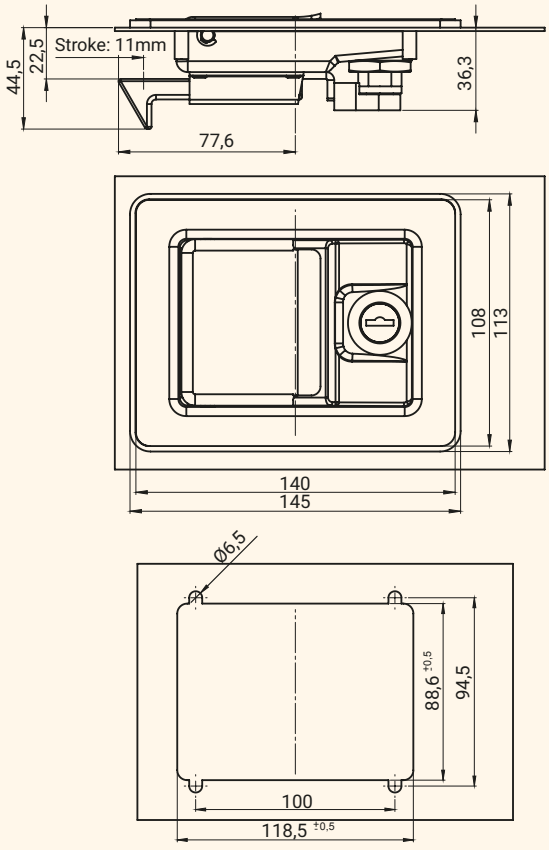
Quarter turn 2.510





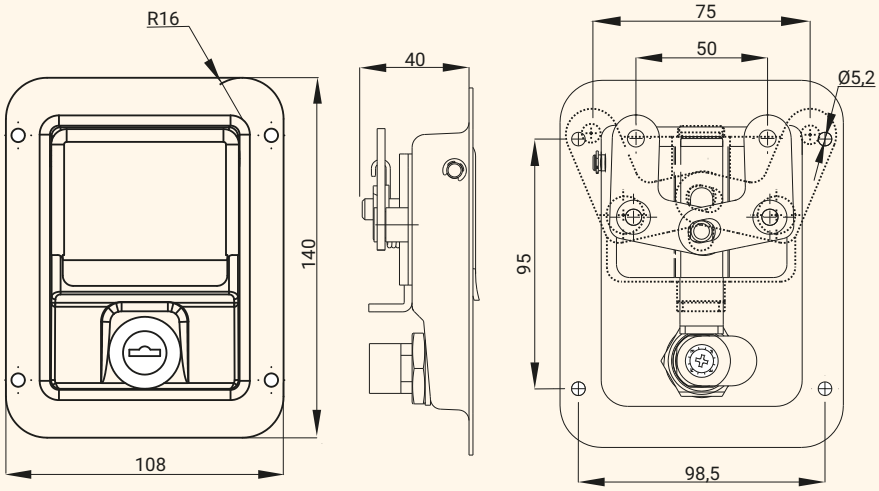
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.510.001	Housing	Steel zinc plated	04
	Gasket	Elastomer	





CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.510.003	Housing	Steel zinc plated	04
	Gasket	Elastomer	

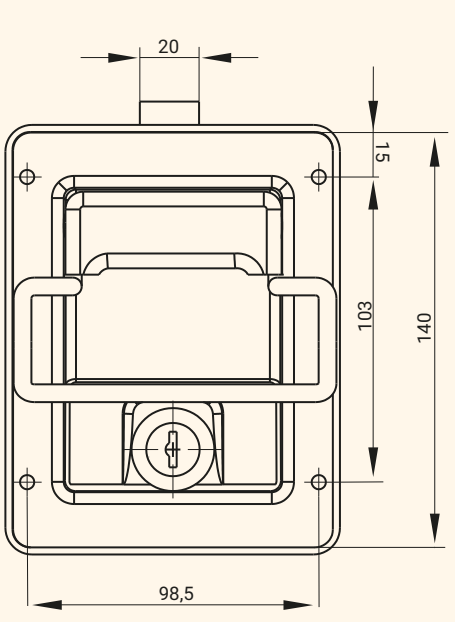
Quarter turn 2.510



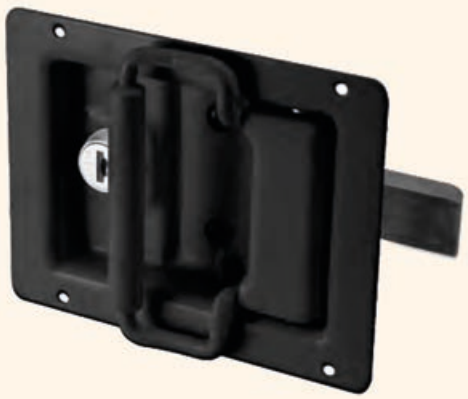
stainless steel



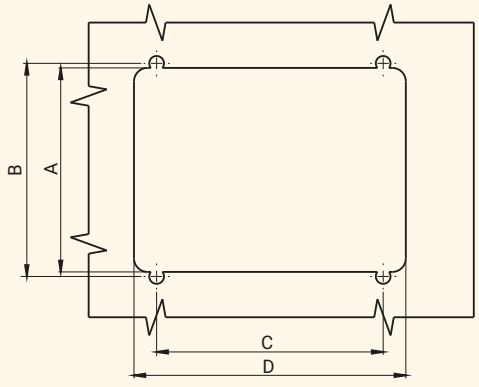
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.510.002	Housing	Stainless steel	04
	Gasket	Elastomer	



stainless steel



CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.510.005	Housing	Stainless steel	04
	Gasket	Elastomer	



Cut out

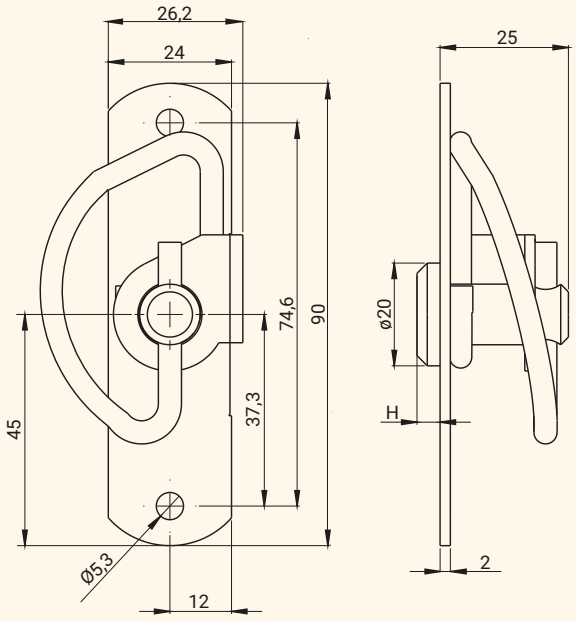
NR	DIMENSION [MM]			
	A	B	C	D
2.510.002	90	95	98	120
2.510.005	80	98,5	103	113,5

Quarter turn 2.504

stainless steel

EN 45545-2

for stainless steel version



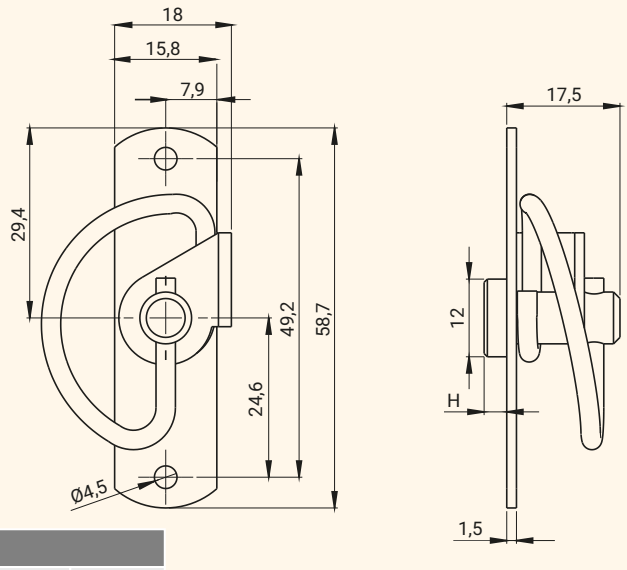
INSERTS [X]					
KW8Z	KW8W	T9	S	HEX6Z	HEX6W
H					
10,5	4,5	10,5	4,5	10,5	4,5

CATALOGUE NO.	COMPONENTS	MATERIAL
2.504.001	Housing, insert Spring	Stainless steel

stainless steel

EN 45545-2

for stainless steel version



INSERTS [X]					
KW8Z	KW8W	T9	S	HEX6Z	HEX6W
H					
9,5	3,5	9,5	3,5	9,5	3,5

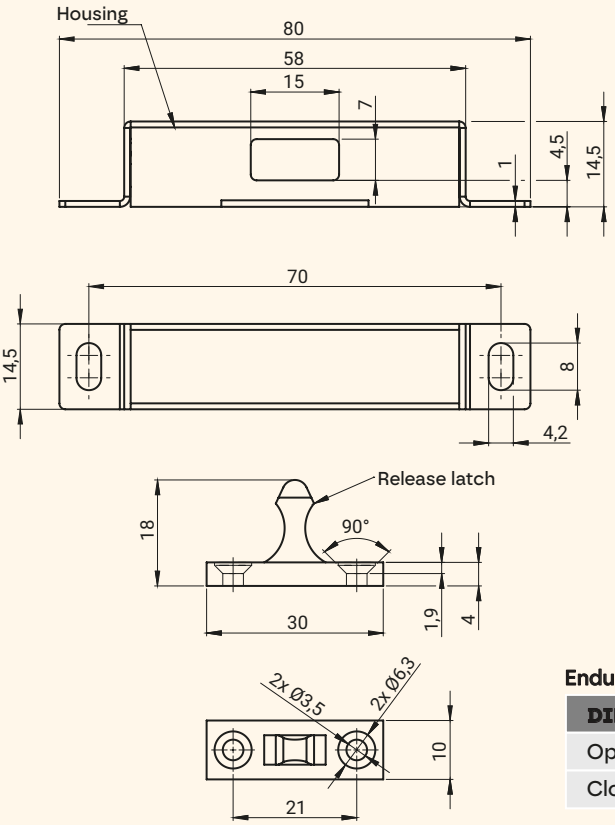
CATALOGUE NO.	COMPONENTS	MATERIAL
2.504.002	Housing, insert Spring	Stainless steel

How to order: 2.504.001 — KW8

Type of quarter turn

Type of insert

Roller latch 2.200, 2.210

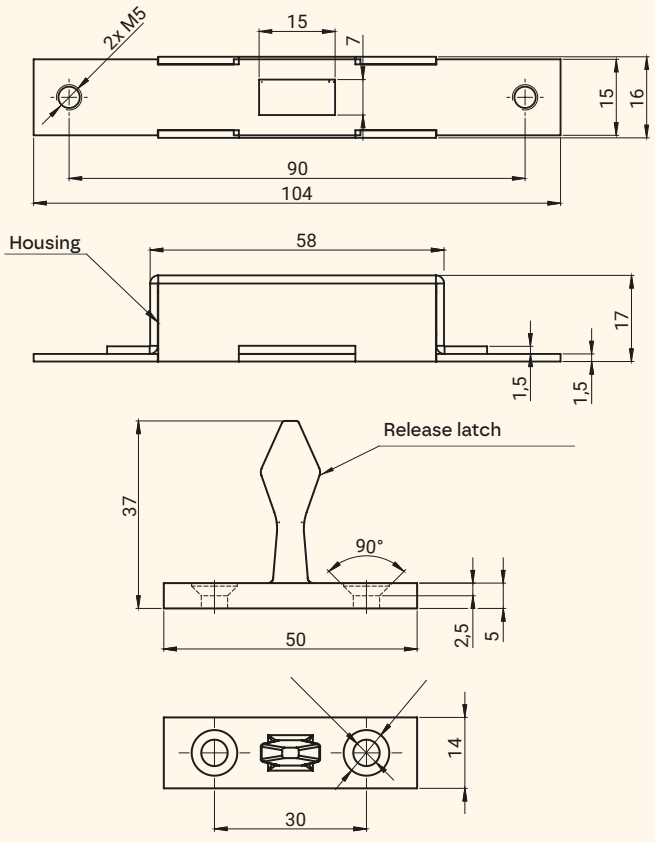




Endurance tests

DIRECTION OF FORCE	MEAN FORCE [N]
Opening force	55 ± 5
Closing force	45 ± 5

CATALOGUE NO.	DETAIL	COMPONENTS	MATERIAL
2.200.001	Roller latch	Housing	Zinc plated steel
		Release latch	POM

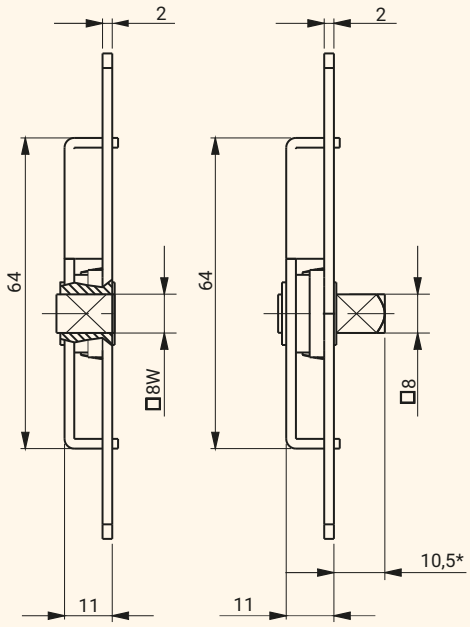




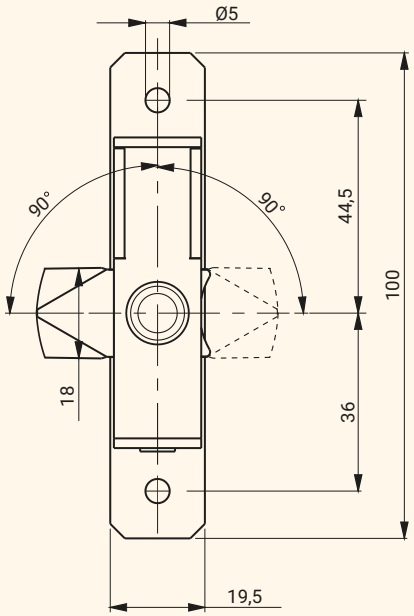
CATALOGUE NO.	DETAIL	COMPONENTS	MATERIAL
2.210.001SN	Roller latch	Housing	Stainless steel
		Release latch	POM

Quarter turn 2.521, 2.505





2.521.004 **2.521.001**



CATALOGUE NO.	COMPONENTS	MATERIAL
2.521.001	Housing, Insert, Cam	Steel zinc plated
2.521.004	Housing, Insert, Cam	Stainless steel

stainless steel

EN 45545-2

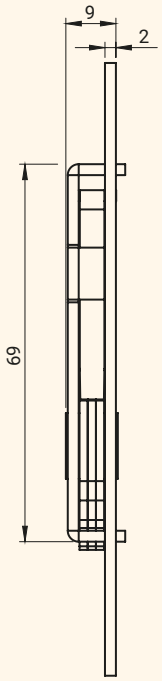
for stainless steel version

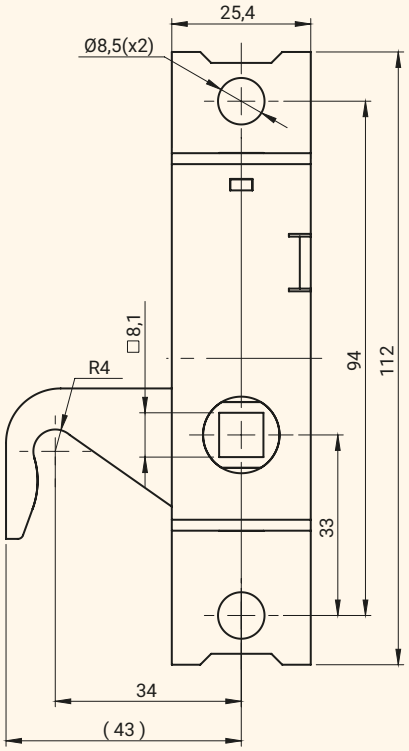


Right version



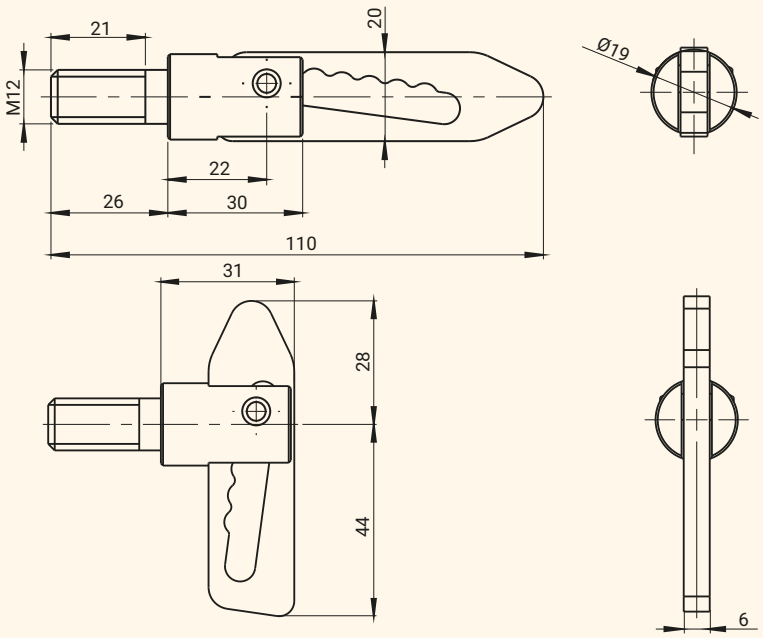
Left version





CATALOGUE NO.	COMPONENTS	MATERIAL
2.505.001	The base of the cam	Steel zinc plated
	The hook cam	Steel zinc plated
	The spring of the lock	Stainless steel
2.505.001SN	The base of the cam	Stainless steel
	The hook cam	Stainless steel
	The spring of the lock	Stainless steel

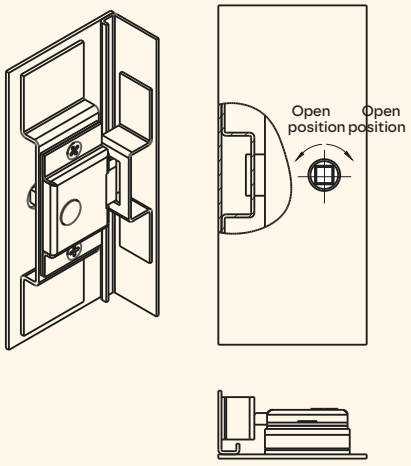
Quarter turn 2.503, 2.520

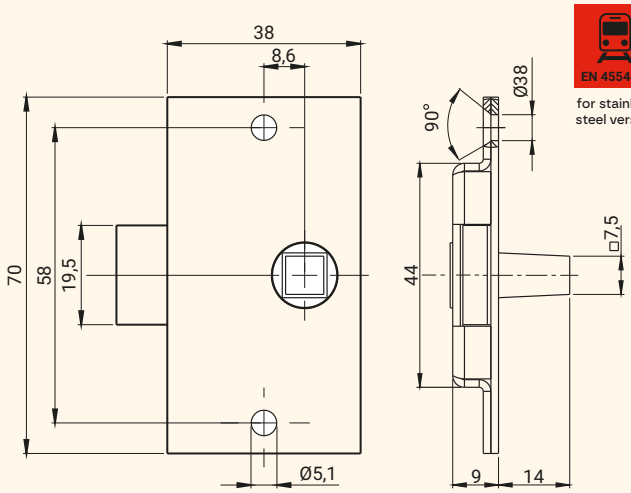


EN 45545-2
for stainless steel version



CATALOGUE NO.	COMPONENTS	MATERIAL
2.503.002	Insert, holdfast	Steel zinc plated
2.503.002SN	Insert, holdfast	Stainless steel



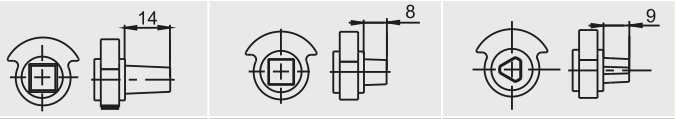


EN 45545-2
for stainless steel version

stainless steel



INSERTS [X]



KW8-14	KW8-8	T8-9

CATALOGUE NO.	COMPONENTS	MATERIAL
2.520.001SN	Housing, insert	Stainless steel
	Cam	

How to order:

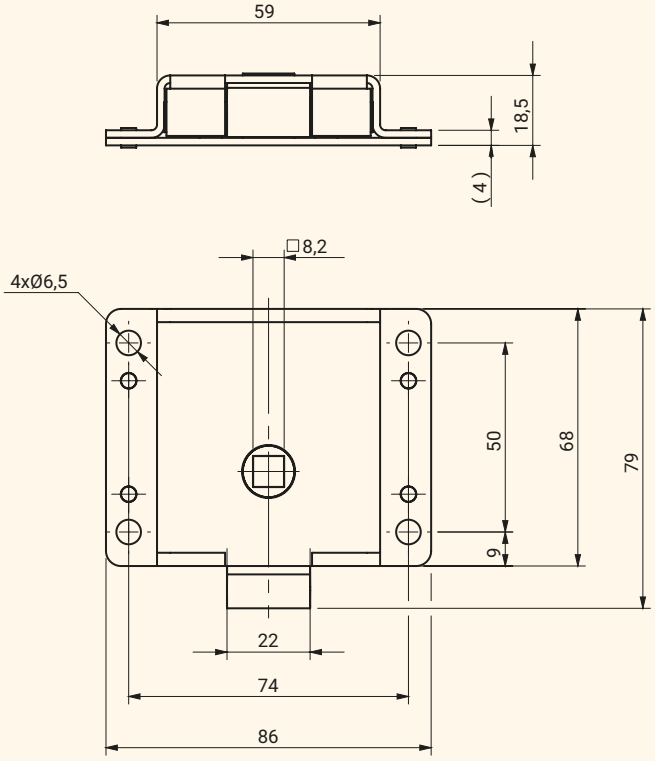
Type of lock or catalogue number
Type of insert
Height cam H

2.520 — T8 — 9

Slam quarter turn 2.541, 2.542

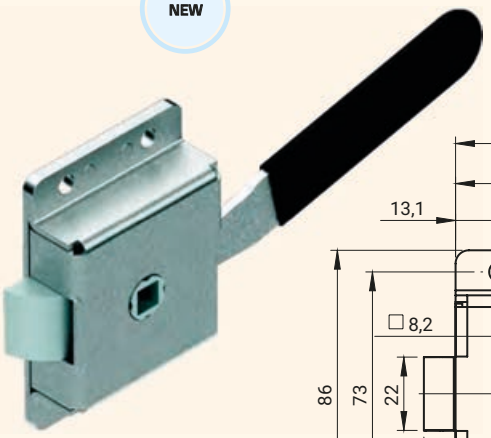
NEW

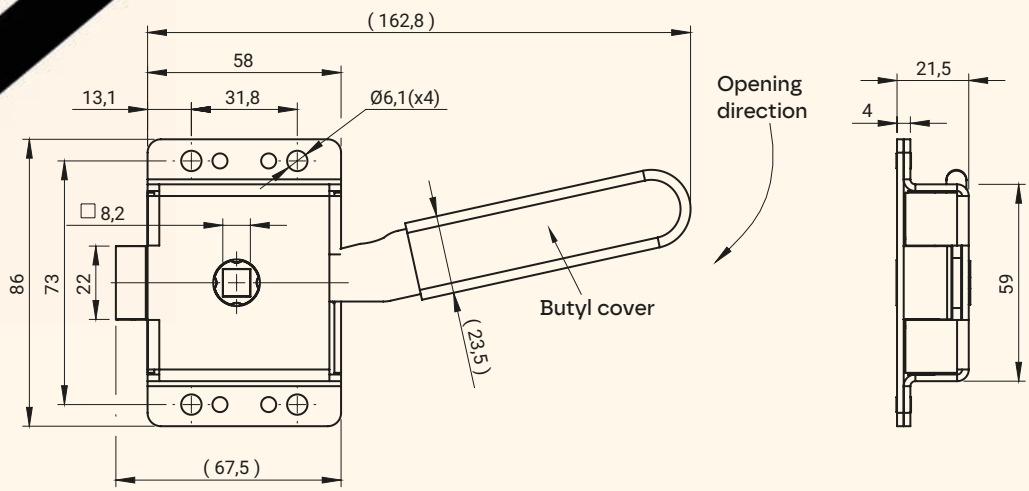




CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.541.001	Housing	Stainless steel	04

NEW

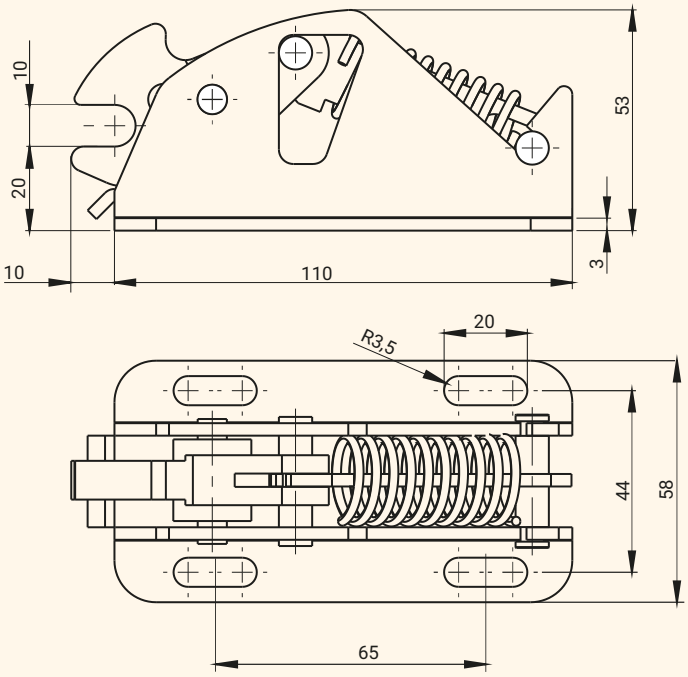




CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			Zinc
2.542.001	Housing	Zinc plated steel	03
	Leverage	Zinc plated steel	03
	Adapter, Bolt	ZAMAK 5	-

Quarter turn 2.501

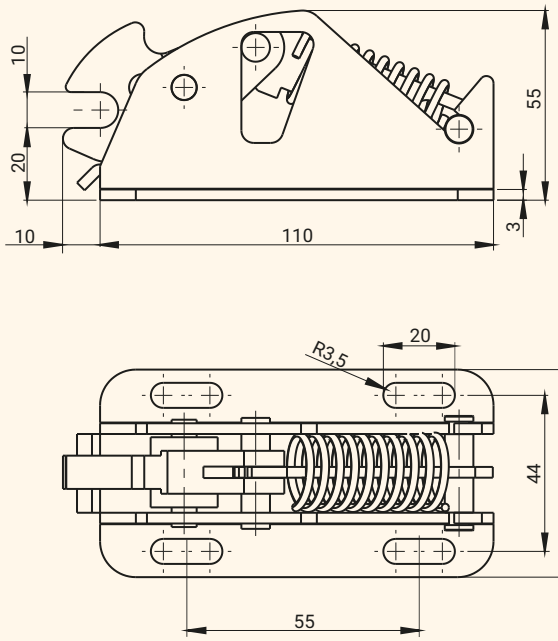
stainless steel





CATALOGUE NO.	COMPONENTS	MATERIAL
2.501.001	Housing / cam	Steel zinc plated / Polyamide
2.501.001SN	Housing / cam	Stainless steel / Polyamide

stainless steel



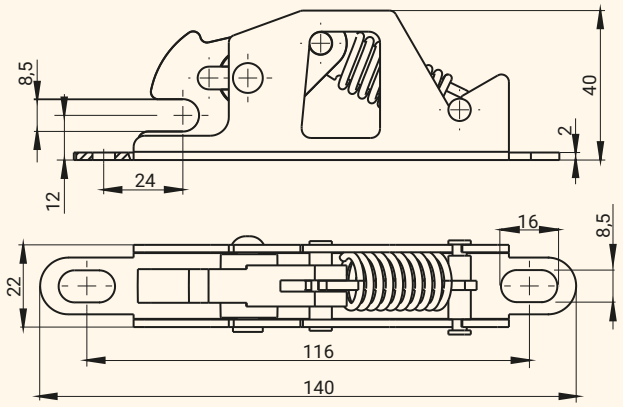


CATALOGUE NO.	COMPONENTS	MATERIAL
2.501.003	Housing / cam	Steel zinc plated / Polyamide
2.501.003SN	Housing / cam	Stainless steel / Polyamide

Quarter turn 2.512, 2.502

stainless steel

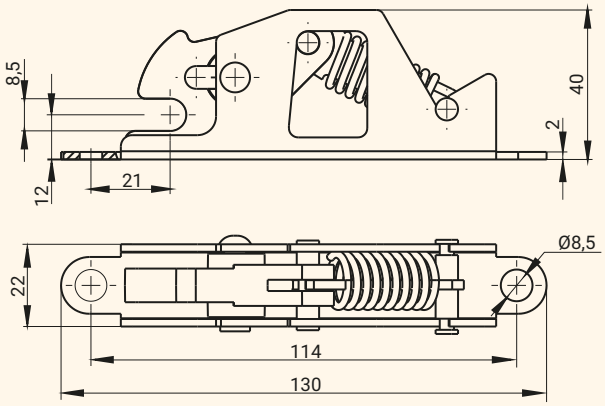




CATALOGUE NO.	COMPONENTS	MATERIAL
2.512.001	Housing / Cam	Steel zinc plated / Polyamide
2.512.001SN	Housing / Cam	Stainless Steel / Polyamide

stainless steel

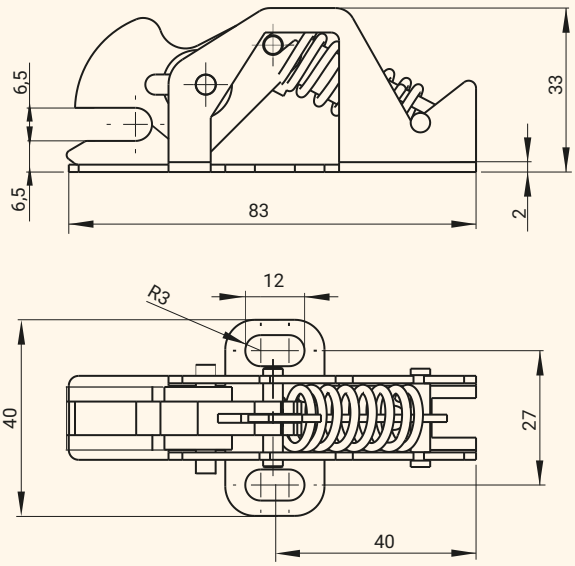




CATALOGUE NO.	COMPONENTS	MATERIAL
2.512.002	Housing / Cam	Steel zinc plated / Polyamide
2.512.002SN	Housing / Cam	Stainless Steel / Polyamide

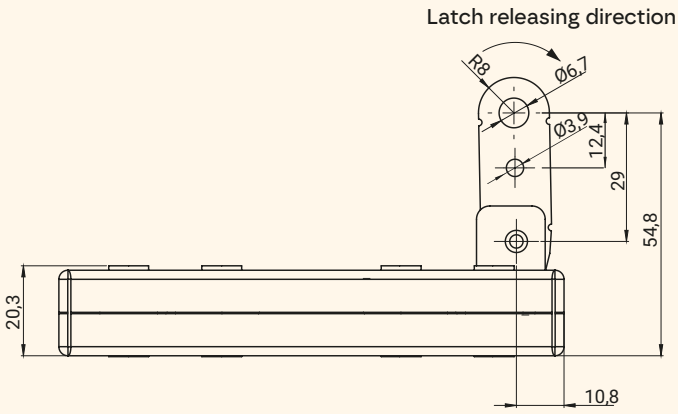
stainless steel



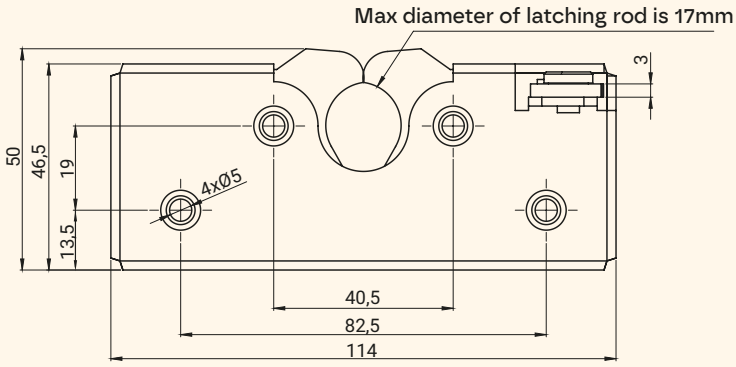


CATALOGUE NO.	COMPONENTS	MATERIAL
2.502.001	Housing / Cam	Steel zinc plated / Polyamide
2.502.001SN	Housing / Cam	Stainless Steel / Polyamide

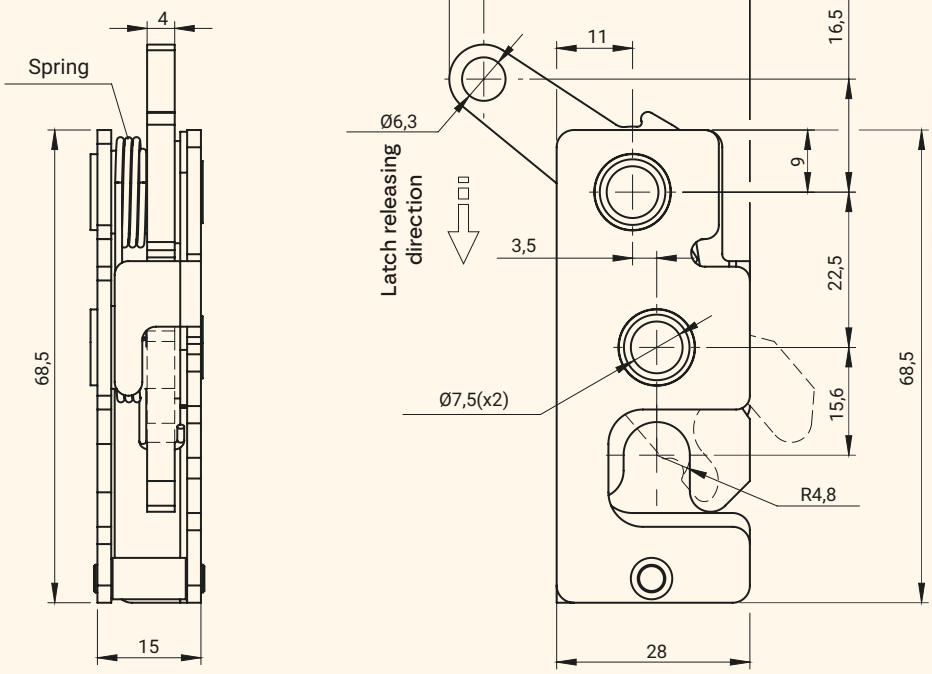
Quarter turn 2.507, 2.517







CATALOGUE NO.	COMPONENTS	MATERIAL
2.507.001	Housing	Zinc plated steel
	Bolt	Oxidized steel



for stainless steel version

NEW



CATALOGUE NO.	COMPONENTS	MATERIAL
2.517	Housing, Latch	Stainless steel

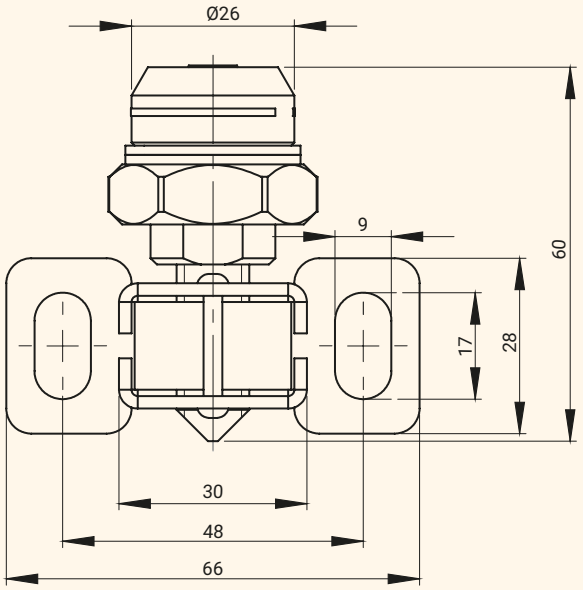
Locking flap 2.700

stainless steel

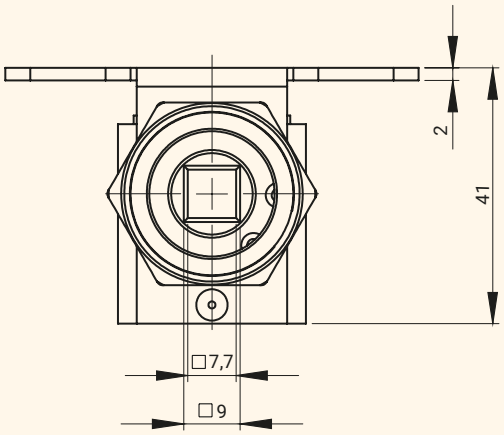
EN 45545-2

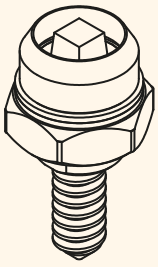
for stainless steel version



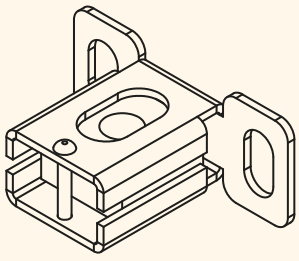








Locking flap



Locking flap handle

CATALOGUE NO.	COMPONENTS	MATERIAL
2.700.001	Locking flap	Stainless steel AISI 316L
	Locking flap handle	Stainless steel AISI 304

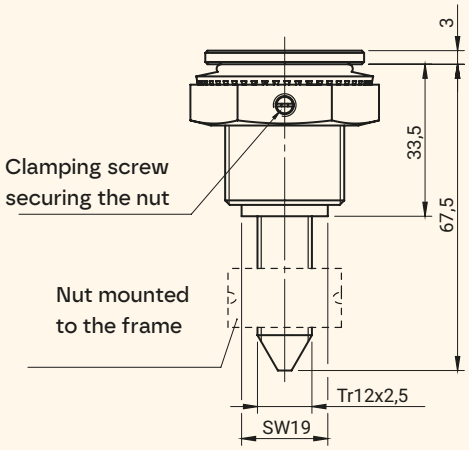
Quarter turn TR12

EN 45545-2

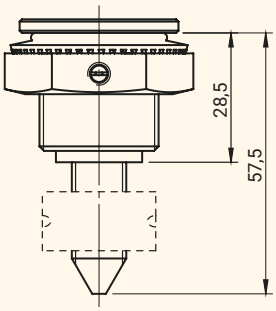
stainless steel

for stainless steel version

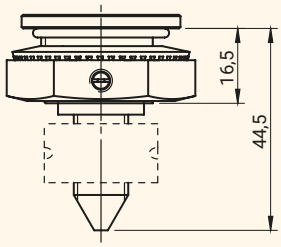
TR12-1



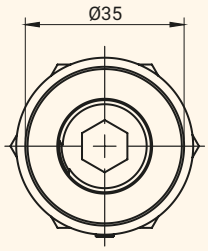
TR12-2

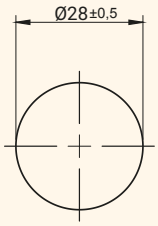


TR12-3



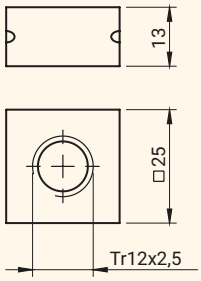


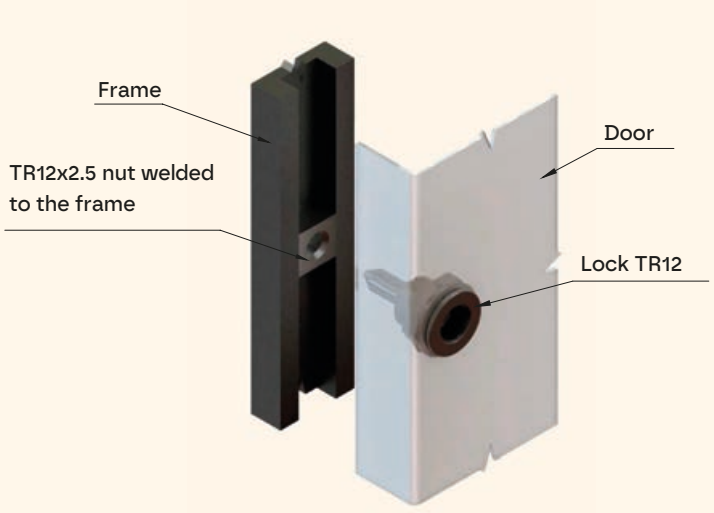




Cut out

Nut TR12x2,5





CATALOGUE NO.	INSERTS [D]			COMPONENTS	MATERIAL
TR12-1 **TR12-2** **TR12-3**	KW8-4	HEX10	KW9-7	Housing, Insert	Stainless steel
TR12x2,5	-			Nut	Stainless steel

How to order:

TR12-1 — HEX10

Catalogue number

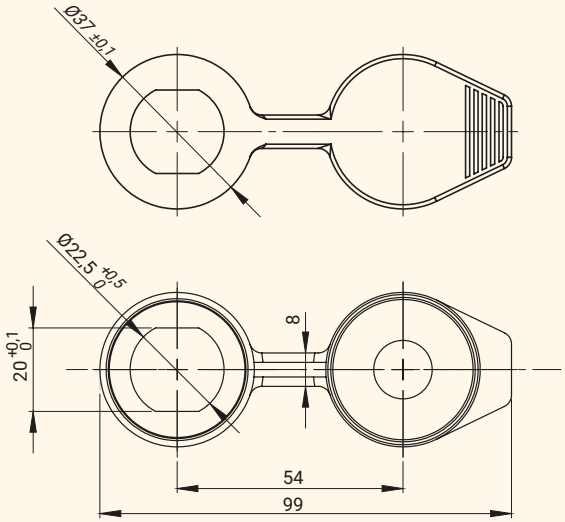
Type of insert

Nut TR12x2,5 to be ordered separately

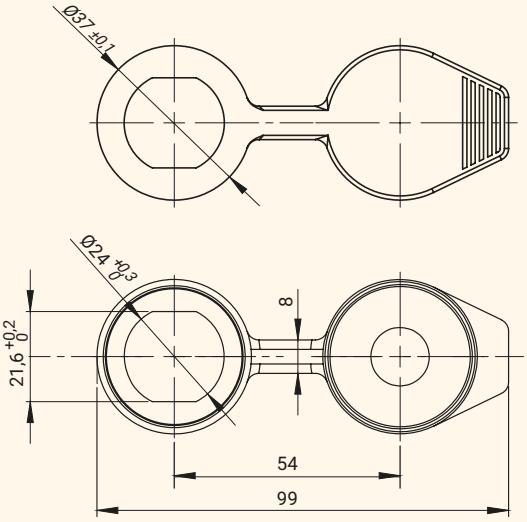
Dust cover 2.904



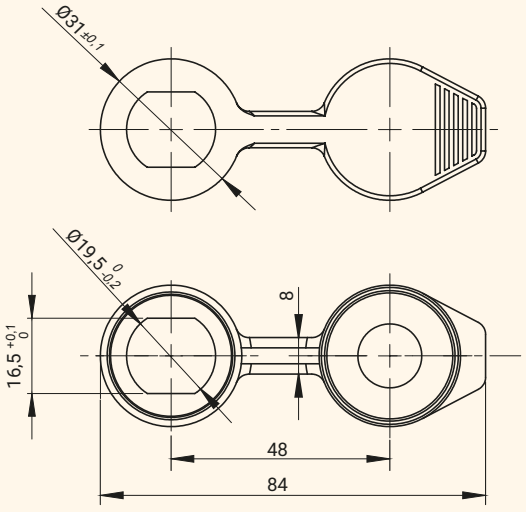
Cover 2.904.005



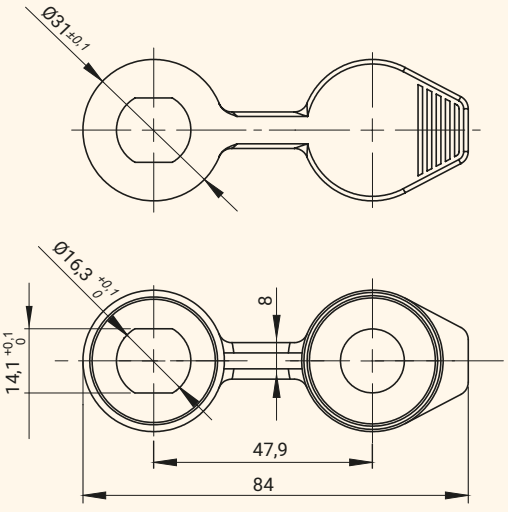
Cover 2.904.006



Cover 2.904.007



Cover 2.904.008

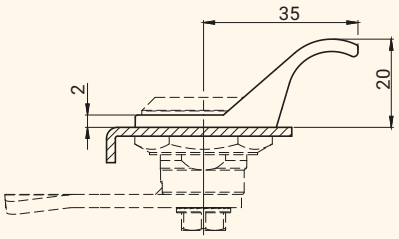


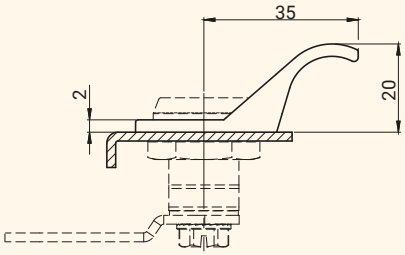
Attention:
In case of adjusting the handle the H dimension reduces of 2mm

* colour 7035 available on special request

CATALOGUE NO.	TYPE OF LOCK	MATERIAL	FINISH [C]
			RAL9005
2.904.005	M22	TPE	07
2.904.006	M24		
2.904.007	M19W		
2.904.008	M16		

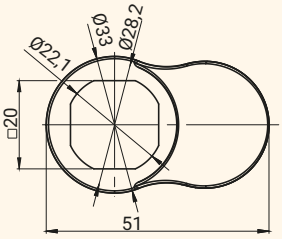
Handle for quarter turn 2.905



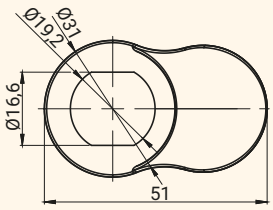




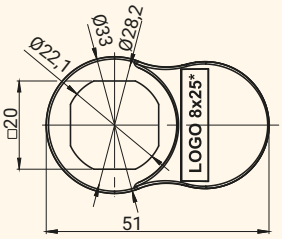
2.905.004A



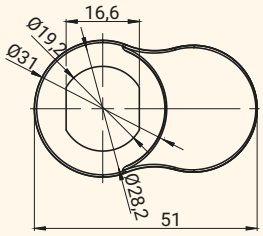
2.905.003A



2.905.004B



2.905.003B



CATALOGUE NO.	DETAIL	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
2.905.004A	Handle for lock M22	Polyamide PA6 GF30	07	08
2.905.004B				
2.905.003A	Handle for lock M19	Polyamide PA6 GF30	07	08
2.905.003B				

How to order:

2.905.003A — C

Catalogue no.

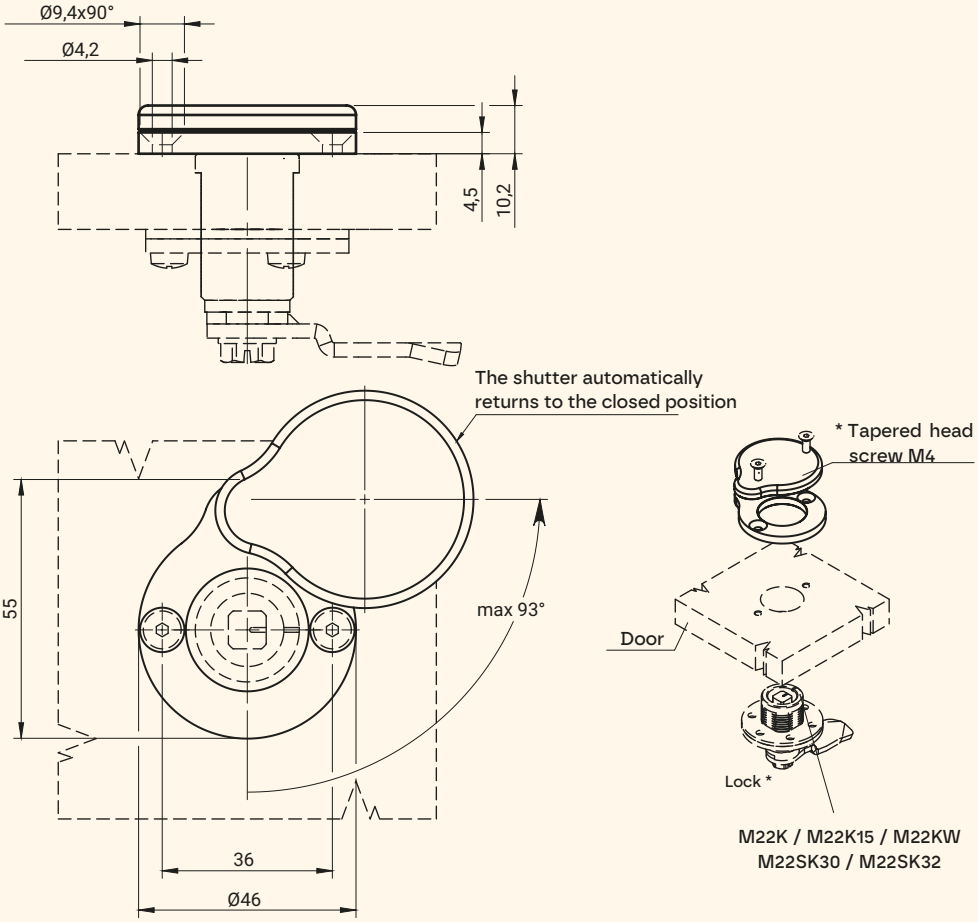
Finish

* Optional logo on the handle 2.905.004B with dimension 8x25 mm.
Handle for lock 2.905.004 is fiited with all locks M22 with the outside diameter of flanged housing ø28. 2.905.003 and 2.905.013 are fitted with locks M19W, M19DC, Z-2106, 2.612.001.

Cover 2.904.020SN
Locking washer 2.907, 2.911

stainless steel

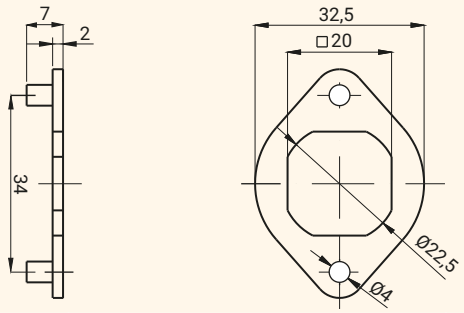




Cover 2.904.020SN compatible with quarter turn: M22K, M22K15, M22KW, M22SK30, M22SK32, M22SK37. * not included in delivery

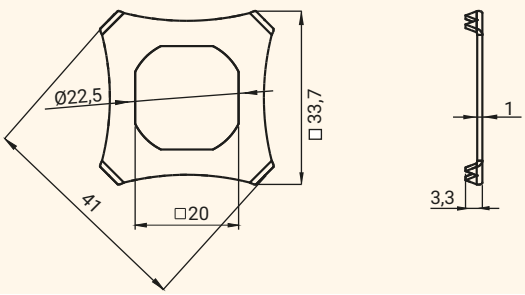
NR CATALOGUE NO.	DETAIL	MATERIAL
2.904.020SN	Cover	Stainless steel, electropolished





CATALOGUE NO.	COMPONENTS	MATERIAL
2.907.002	Locking washer	Steel zinc plated
2.907.002SN	Locking washer	Stainless steel

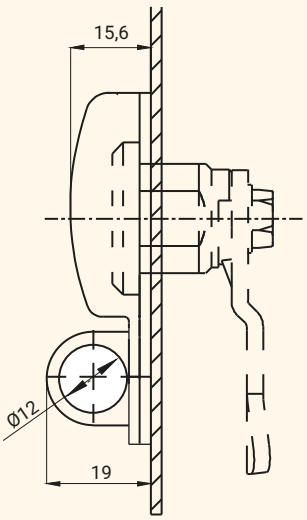


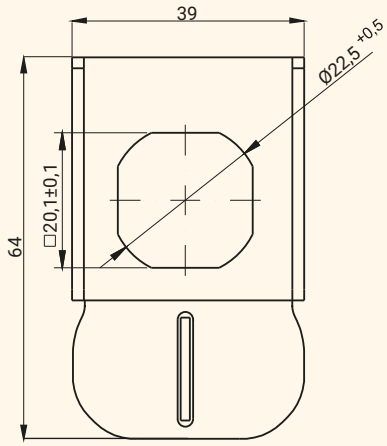


CATALOGUE NO.	COMPONENTS	MATERIAL
2.911.001	Locking washer	Steel zinc plated
2.911.001SN	Locking washer	Stainless steel

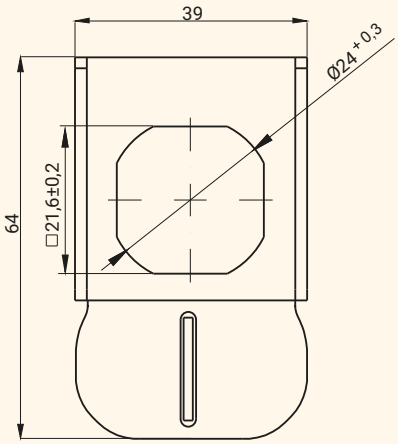
stainless steel

Blockade ST2





Blockade 2.902.001



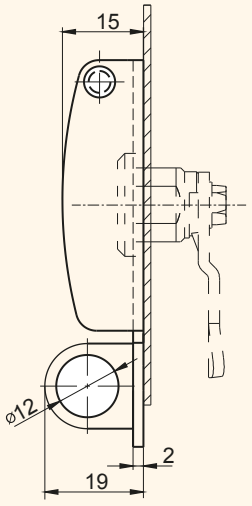
Blockade 2.902.002

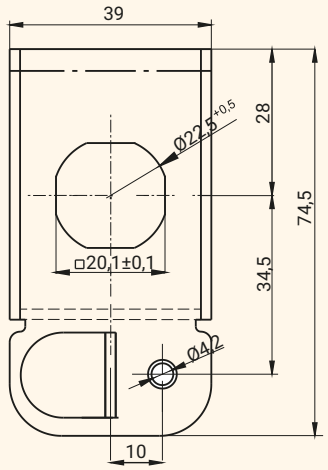


CATALOGUE NO.	TYPE OF LOCK	COMPONENTS	MATERIAL
2.902.001	M22	Rate, flape	Steel zinc plated
2.902.001SN	M22	Rate, flape	Stainless steel
2.902.002	M24	Rate, flape	Steel zinc plated
2.902.002SN	M24	Rate, flape	Stainless steel

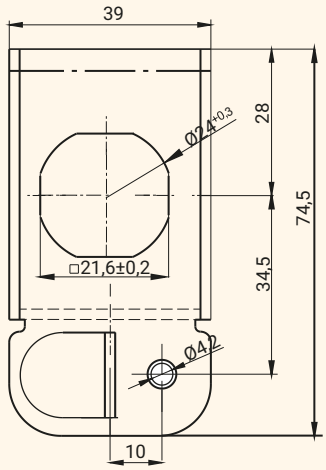
stainless steel

Blockade ST2.02





Blockade 2.904.101



Blockade 2.905.102



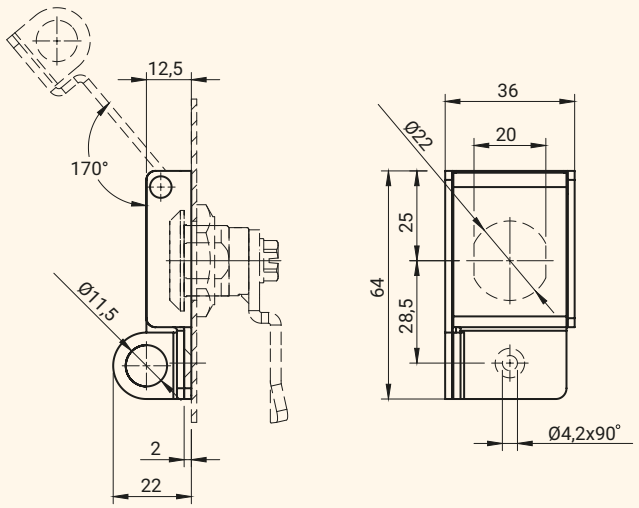
CATALOGUE NO.	TYPE OF LOCK	COMPONENTS	MATERIAL
2.904.101	M22	Rate, flape	Steel zinc plated
2.904.101SN	M22	Rate, flape	Stainless steel
2.905.102	M24	Rate, flape	Steel zinc plated
2.905.102SN	M24	Rate, flape	Stainless steel

Blockade 2.901, 2.903

stainless steel



Blockade ST1

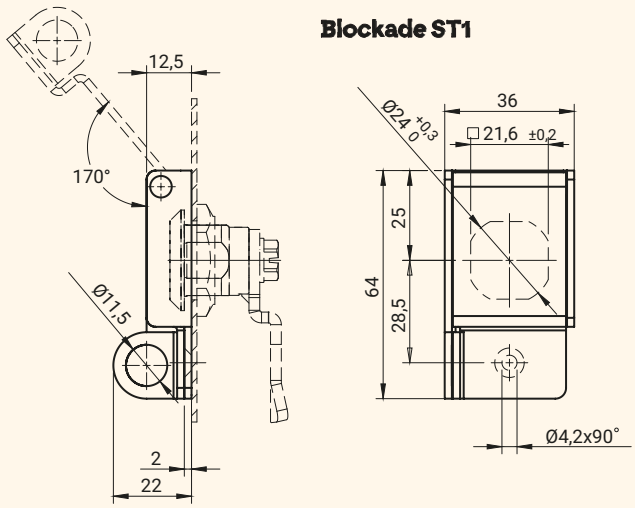


CATALOGUE NO.	COMPONENTS	MATERIAL
2.901.001	Rate, flap	Steel zinc plated
2.901.001SN	Rate, flap	Stainless steel

stainless steel



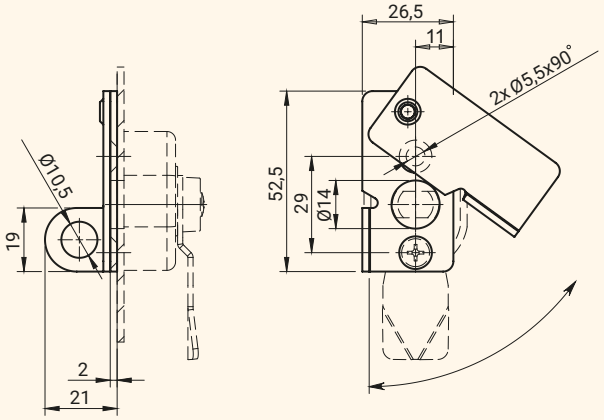
Blockade ST1



CATALOGUE NO.	COMPONENTS	MATERIAL
2.901.002	Rate, flap	Steel zinc plated
2.901.002SN	Rate, flap	Stainless steel

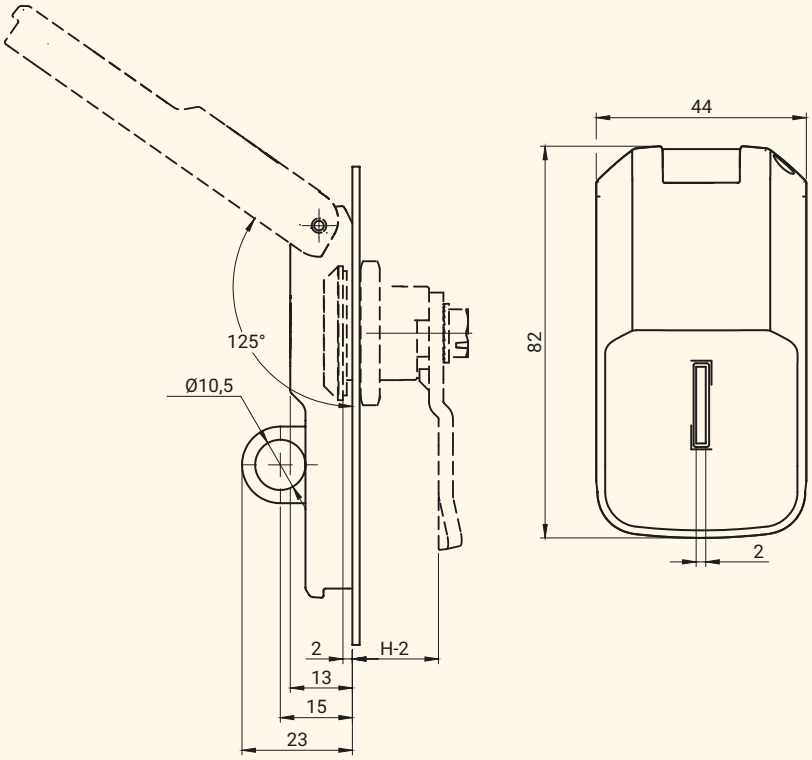
stainless steel





CATALOGUE NO.	COMPONENTS	MATERIAL
2.903.001	Rate, flap	Steel zinc plated
2.903.001SN	Rate, flap	Stainless steel
2.903.001AL	Rate, flap	Aluminum

Blockade 2.910





CATALOGUE NO.	TYPE OF LOCK	COMPONENTS	MATERIAL
2.910.003	**M19**	Base Lock cover	Stainless steel ZAMAK 5
2.910.004	**M22**		
2.910.005	**M24**		

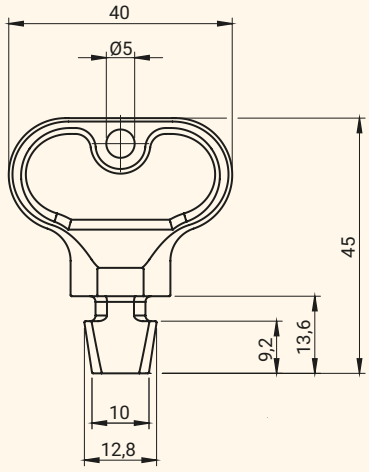
FINISH [C]		
Chrome	Galvanized	RAL9005
01	03	04

How to order:
Catalogue number
Finish

2.910.003 — C

* on individual order available in chrome (satin) or nickel

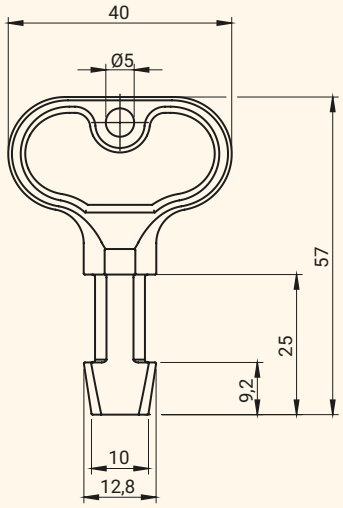
Keys 2.KLE-GZ, 2.KLF-GZ



CATALOGUE NO.	MATERIAL	FINISH [C]	
		RAL 9005	RAL 7035
2.KLE-GZ.001	Polyamide	07	08

How to order:
Catalogue number, type of key
Finish

2.KLE-GZ.001 — C

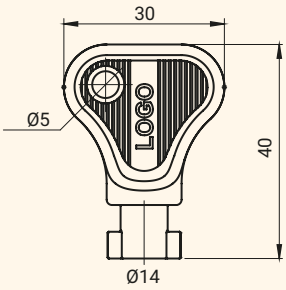


CATALOGUE NO.	MATERIAL	FINISH [C]	
		RAL 9005	RAL 7035
2.KLF-GZ.001	Polyamide	07	08

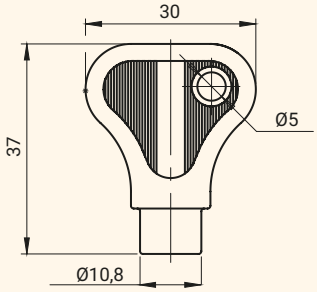
How to order:
Catalogue number, type of key
Finish

2.KLF-GZ.001 — C

Key 2.KLB-X, 2.KLA-X, 2.KLD-T13



2.KLB-X.001

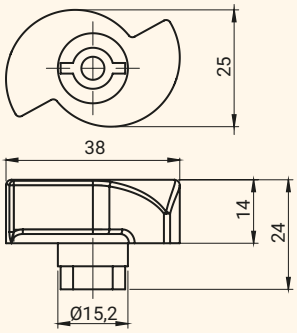


2.KLB-X.002

NEW

Customized logo on the key available.

CATALOGUE NO.	TYPE OF KEY [X]			MATERIAL	FINISH [C]	
					RAL 9005	RAL 7035
2.KLB-X.001	D5	T9	KW8	Polyamide	07	08
2.KLB-X.002	T6	T7	KW6			

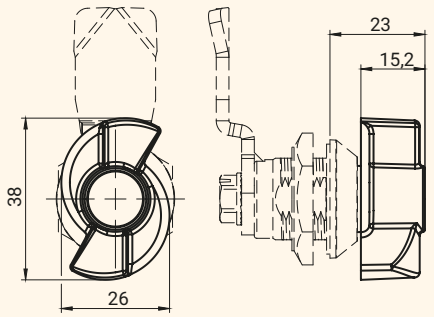


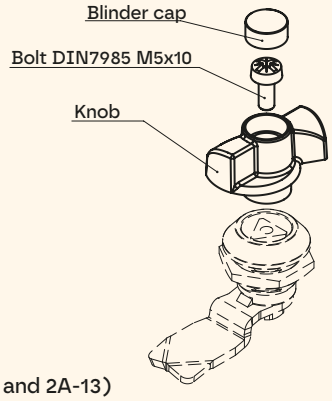
CATALOGUE NO.	TYPE OF KEY [X]				MATERIAL	FINISH [C]	
						RAL 9005	RAL 7035
2.KLA-X.001	D5	T9	KW8	C9	Polyamide	07	08

How to order:
Catalogue number, type o key [X]
Finish

2.KLA-X.001 — C

Wing knob for T13 insert





Wing knob for T13 pin, M22-2 and M22-DU locks (pages 2A-8 and 2A-13)

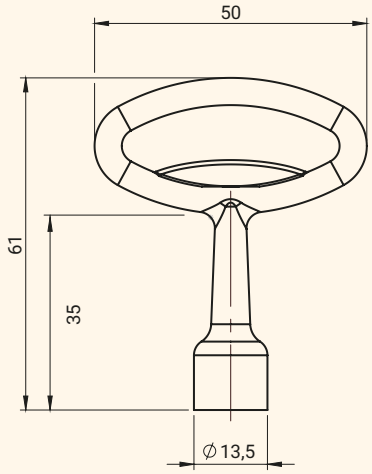
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.KLD-T13.001	T-handle, Blinder cap	Polyamide Steel	07
	Bolt M5x10	zinc plated	-

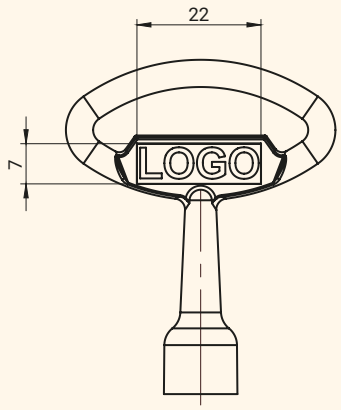
How to order:
Catalogue no. Finish

2.KLD-T13.001 — C

Key 2.KL-X.001, 2.KL-X.002







Possibility of making logo key on request.

CATALOGUE NO.					MATERIAL			
2.KL-X.001					ZAMAK 5			
TYPE OF KEY [X]					FINISH [C]			
					No finish	Chrome	Nickel	RAL9005
T6	KW6	N	C9	Q	00	01	02	04

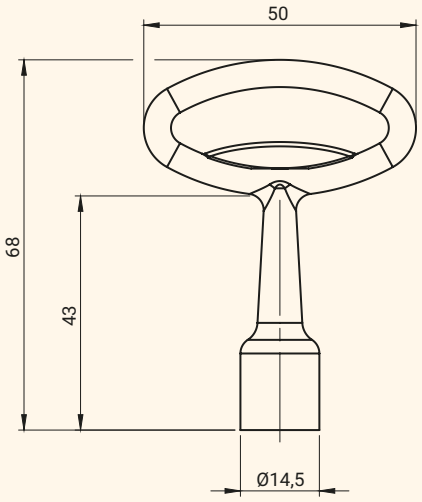
How to order:

Catalogue number, type o key [X]

Finish

2.KL-X.001 — C





CATALOGUE NO.								MATERIAL			
2.KL-X.002								ZAMAK 5			
TYPE OF KEY [X]								FINISH [C]			
								No finish	Chrome	Nickel	RAL 9005
T9	T10	KW6	KW7	KW8	KW8Z	C9	D9	00	01	02	04

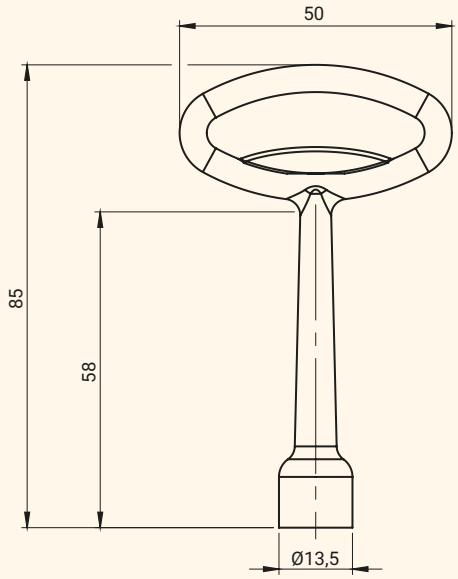
How to order:

Catalogue number, type o key [X]

Finish

2.KL-X.002 — C

Key 2.KL-X.003, 2.KL-X.004





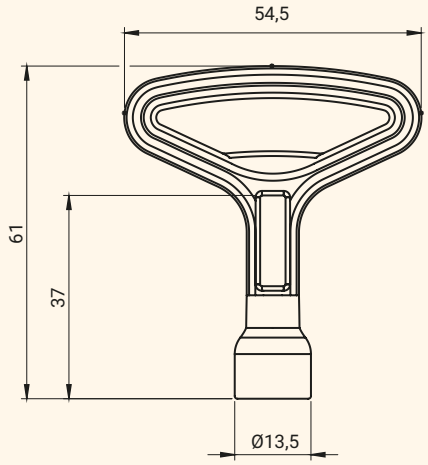
CATALOGUE NO.				MATERIAL			
2.KL-X.003				ZAMAK 5			
TYPE OF KEY [X]				FINISH [C]			
				No finish	Chrome	Nickel	RAL 9005
D3	D5	T9	KW8	00	01	02	04

How to order:

Catalogue number, type o key [X]

Finish

2.KL-X.003 — C





Possibility of making logo key on request.

CATALOGUE NO.								MATERIAL				
2.KL-X.004								ZAMAK 5				
TYPE OF KEY [X]								FINISH [C]				
								No finish	Chrome	Nickel	Zinc	RAL 9005
D3	D5	T7	T8	T9	KW6Z	KW8	HD	00	01	02	03	04

How to order:

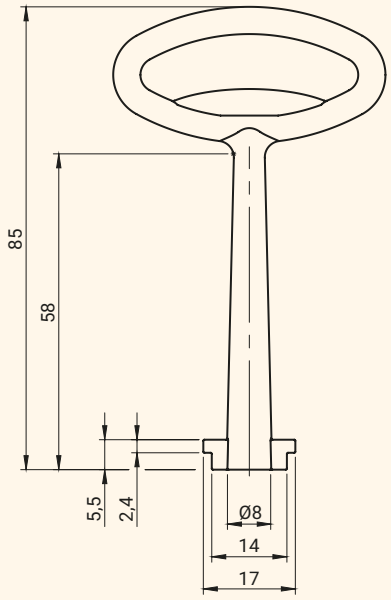
Catalogue number, type o key [X]

Finish

2.KL-X.004 — C

Key 2.KL-X.005, 2.KL-X.006





CATALOGUE NO.		MATERIAL			
2.KL-X.005		ZAMAK 5			
TYPE OF KEY [X]		FINISH [C]			
		No finish	Chrome	Nickel	RAL9005
D3S	D5S	00	01	02	04

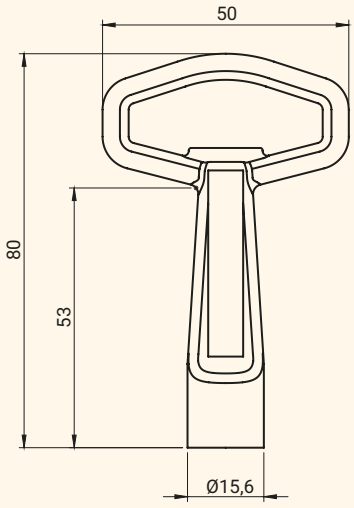
How to order:

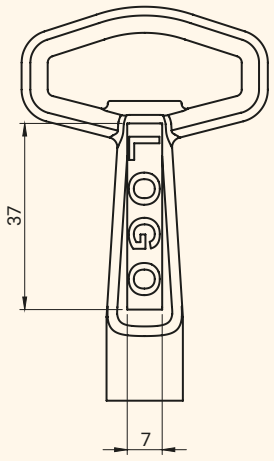
Catalogue number, type o key [X]

Finish

2.KL-X.005 — C







Possibility of making logo key on request.

CATALOGUE NO.				MATERIAL			
2.KL-X.006				ZAMAK 5			
TYPE OF KEY [X]				FINISH [C]			
							No finish	Chrome	Nickel	RAL9005
KW8	T9	T10	T11	T12	T13	HEX9	00	01	02	04

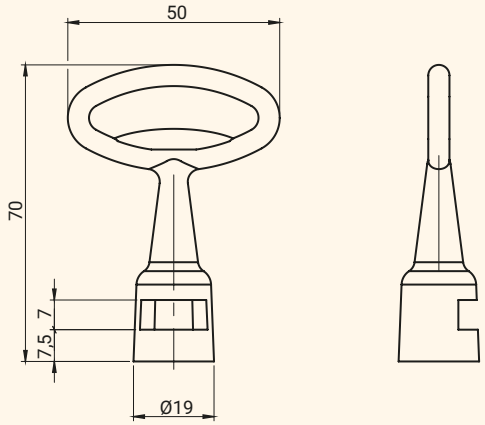
How to order:

Catalogue number, type o key [X]

Finish

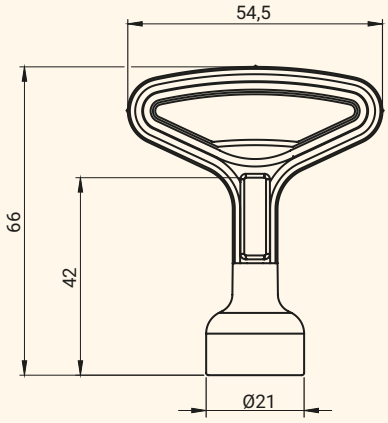
2.KL-X.006 — C

Key 2.KL-X.007, 2.KL-X.010, 2.KL-X.011





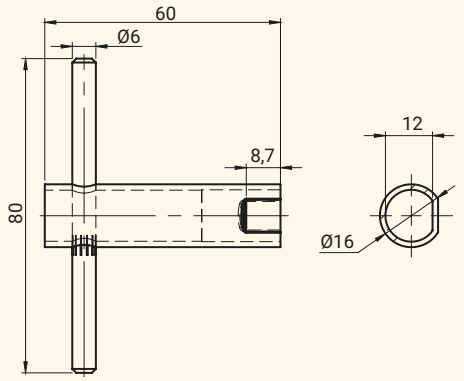
CATALOGUE NO.	MATERIAL	TYPE OF KEY [X]	FINISH [C]			
			No finish	Chrome	Nickel	RAL 9005
2.KL-X.007	ZAMAK 5	D13S	00	01	02	04





Possibility of making logo key on request.

CATALOGUE NO.	MATERIAL	TYPE OF KEY [X]	FINISH [C]			
			No finish	Chrome	Nickel	RAL 9005
2.KL-X.010	ZAMAK 5	SW13	00	01	02	04





CATALOGUE NO.	MATERIAL	TYPE OF KEY [X]	FINISH [C]
			No finish
2.KL-X.011	Steel zinc plated	D13S	00

How to order:

Catalogue number, type o key [X]

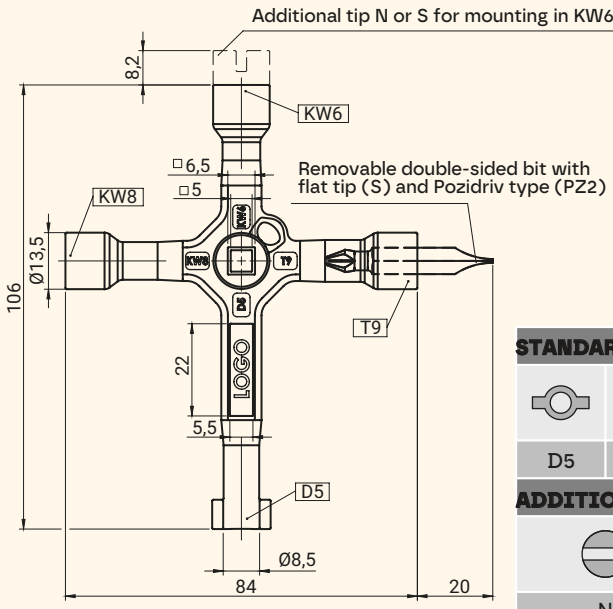
Finish [C]

2.KL-D13S.011 — 00

www.stuv.de

Key 2.KL.009, 2.KLT-WF





STANDARD KEY BITS

D5	T9	KW6	KW8

ADDITIONAL BIT [X]

N	S

Removable double-sided bit with flat tip (S) and Pozidriv type (PZ2) Key supplied with double bit, additional N or S bits ordered separately.

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]			
			No finish	Chrome	Nickel	RAL 9005
2.KL.009	Key, additional bits	ZAMAK 5				
	Bit S / PZ2	Tool steel	00	01	02	04

How to order:

2.KL.009 — X — C

Catalogue number

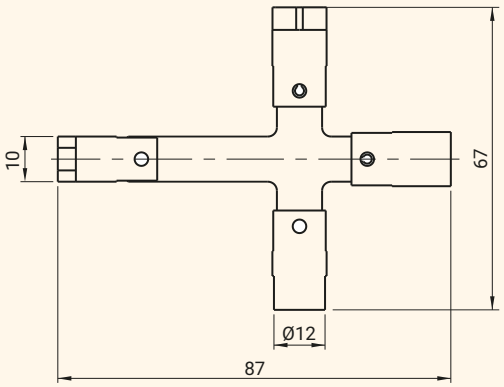
Additional bit

When ordering more than one, enter the symbols after the comma.
When ordering a key without an additional bit, omit the following

Finish [C]

stainless steel





TYPE OF KEY [X]

D3	D5	T6	T9	T10	KW6	KW7	KW8	N	C9	C	L

CATALOGUE NO.	COMPONENTS	MATERIAL
2.KLT-WF.001	Tip	Steel zinc plated
	Phillips	Stainless steel

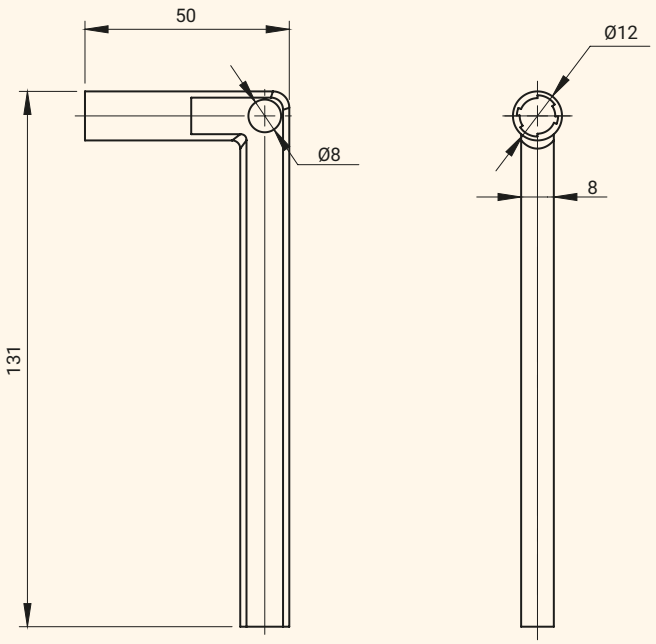
How to order:

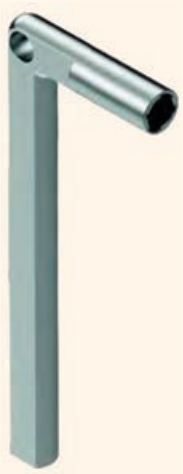
2.KLT-WF.001 — KW8 — T9 — L — T10

Catalogue number

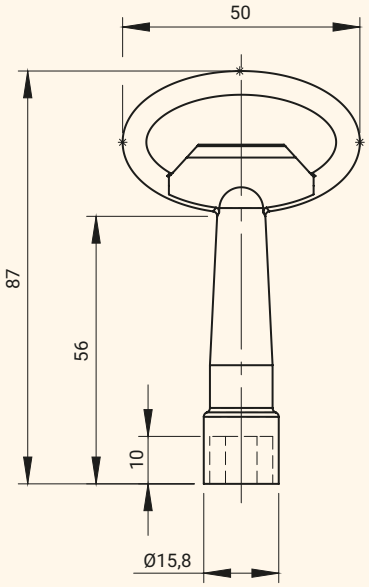
Type of key

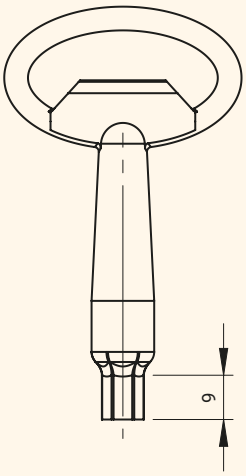
Key 2.KL-ZM.013, 2.KL-X.014





CATALOGUE NO.	MATERIAL
2.KL-ZM.013	Stainless steel (AISI 316)







CATALOGUE NO.	TYPE OF KEY [X]		MATERIAL
			
2.KL-X.014	HEX11	HEXB8Z	Stainless steel (AISI 316)

How to order:

Catalog number, type of key [X]

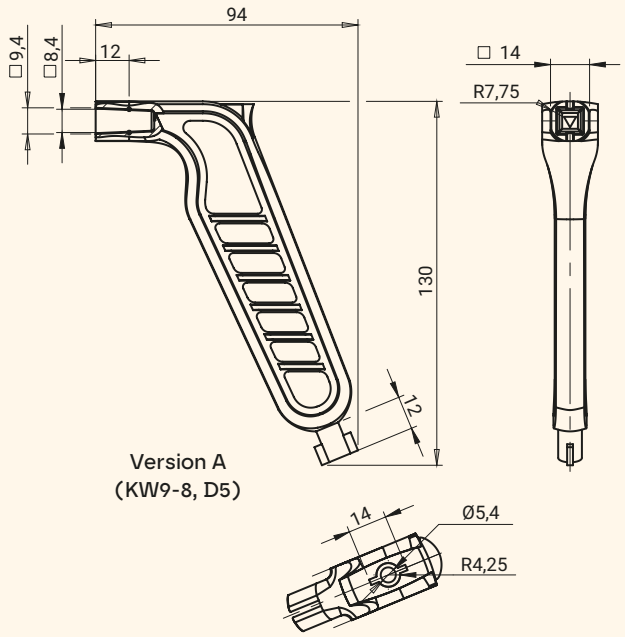
2.KL-X.014

Key 2.KL-X.012

NEW



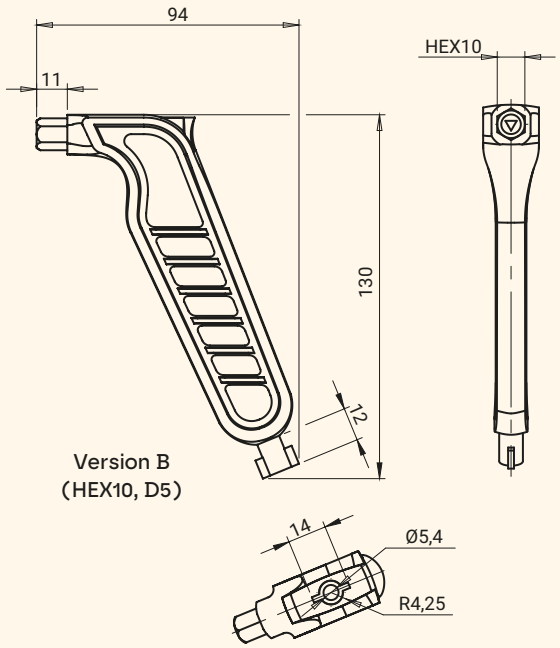
Version A



Version A
(KW9-8, D5)



Version B



Version B
(HEX10, D5)

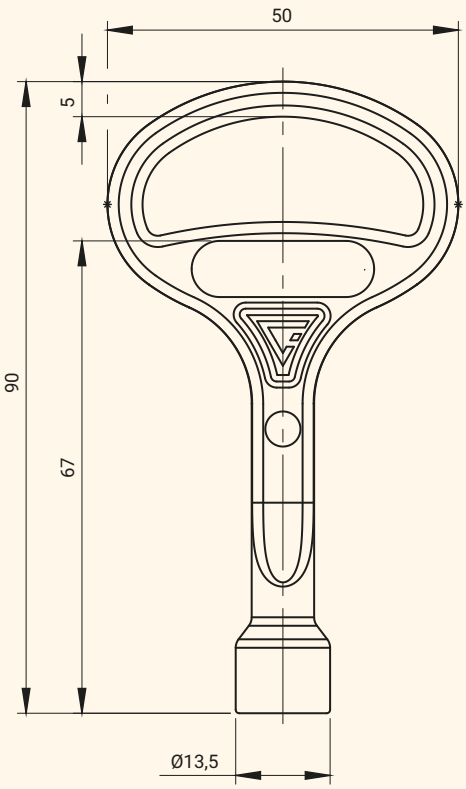
CATALOGUE NO.	VERSION	INSERTS [X]		MATERIAL	FINISH [C]			
					Without finish	Chrome	Nickel	RAL 9005
2.KL-X.012	A	KW8-9	D5	ZAMAK 5	00	01	02	04
	B	HEX10	D5					

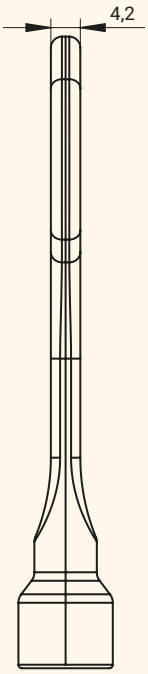
How to order:
Catalog number, key version [X]
Finish [C]

2.KL-A.012 — 04

Key 2.KL-X.015

NEW







* It is possible to produce a key with your own logo on request.

CATALOGUE NO.				MATERIAL				
2.KL-X.015				ZAMAK 5				
TYPE OF KEY [X]				FINISH [C]				
				No finish	Chrome	Nickel	Zinc	RAL 9005
D3	D5	T9	KW8	00	01	02	03	04

How to order:

Catalogue number, type o key [X]

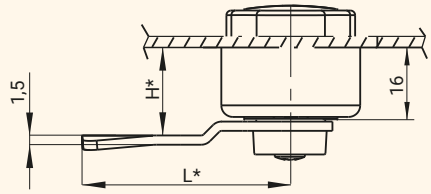
Finish

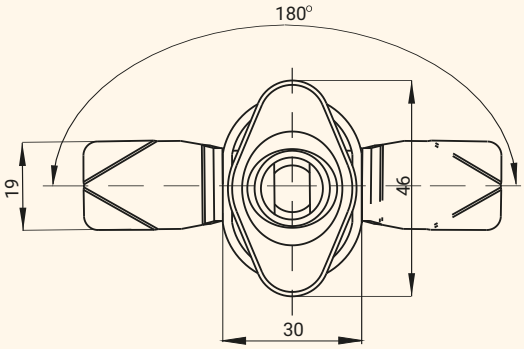
2.KL-X.015 — C

Quarter turn ZG, ZGAX



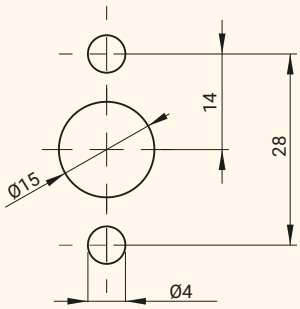
Quarter turn ZG







Quarter turn ZGAX



Cut Out

CAM CODE	H*	L*	INSERT [X]	
001	16	30		
002	16	45		
003	19	30		
004	19	45	GZ	N

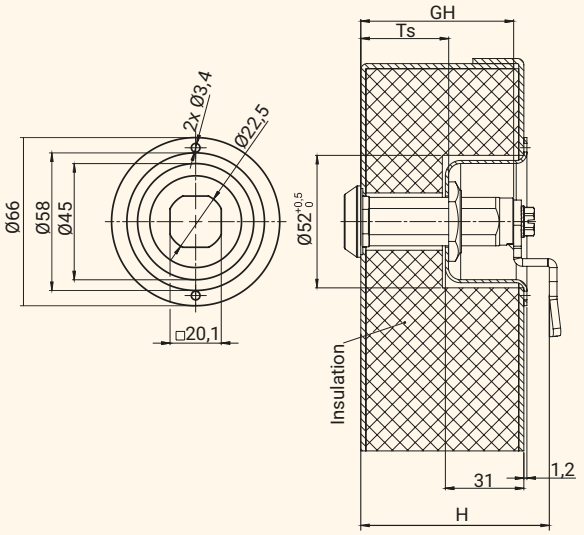
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
ZG.001	Housing, insert	Polyamide	07	08
ZGAX.01	Blokade	Steel zinc plated	-	-
ZGAX.02		Stainless steel		

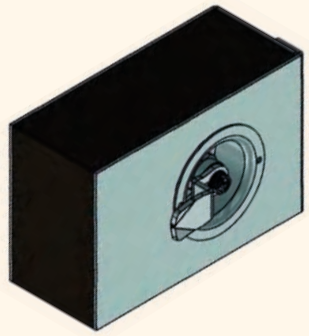
How to order:

ZGAX.01 — GZ — 003 — C

Type of Quarter turn
Type of insert [X]
Cam code Finish [C]

Adapter 2.920

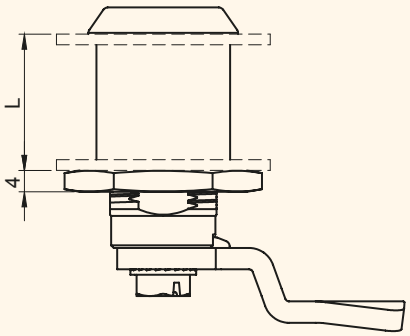


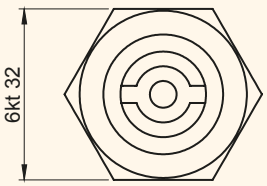




Fitted with locks M22 reducing the thickness of insulated doors Fitted with locks M22, M22-30, M22-60.
Ts - the thickness of the door.

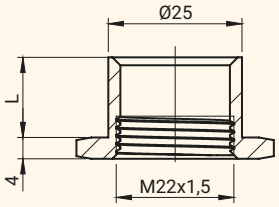
CATALOGUE NO.	DETAIL	MATERIAL
2.920.001	Adapter	Zinc plated steel





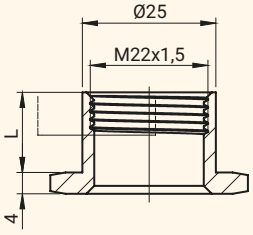


2.TDV1





2.TDV2



CATALOGUE NO.	L=[MM]	CATALOGUE NO.	MATERIAL
2.TDV1.001	L=15	**2.TDV2.001**	Zinc plated steel
2.TDV1.002	L=21	**2.TDV2.002**	
2.TDV1.003	L=23,5	**2.TDV2.003**	
2.TDV1.004	L=25	**2.TDV2.004**	
2.TDV1.005	L=38	**2.TDV2.005**	
2.TDV1.006	L=44		
2.TDV1.007	L=48		

Spacer sleeve for installing locks in insulated or laminated doors. Available in two versions:

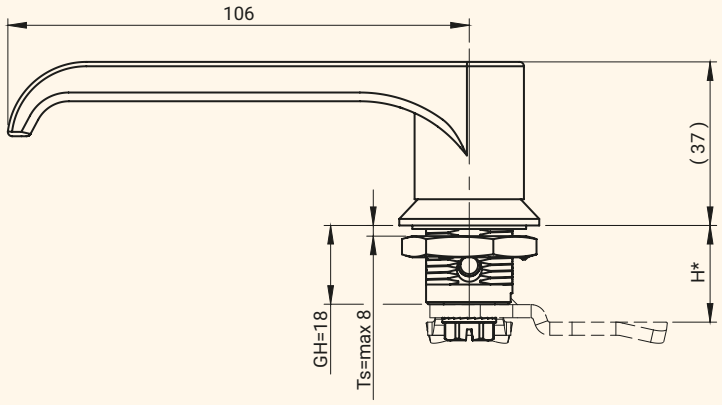
2.TDV1
The thread is located at the flange (see drawing). The sleeve is adapted to wide housings in order to speed up installation.

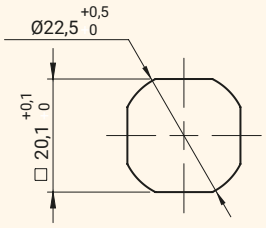
2.TDV2
The thread is located at the beginning of the sleeve (see figure). The sleeve is adapted to wide, insulated doors. Stainless steel version and other dimensions available on request.

Quarter turn with handle L - 2.L18.30X

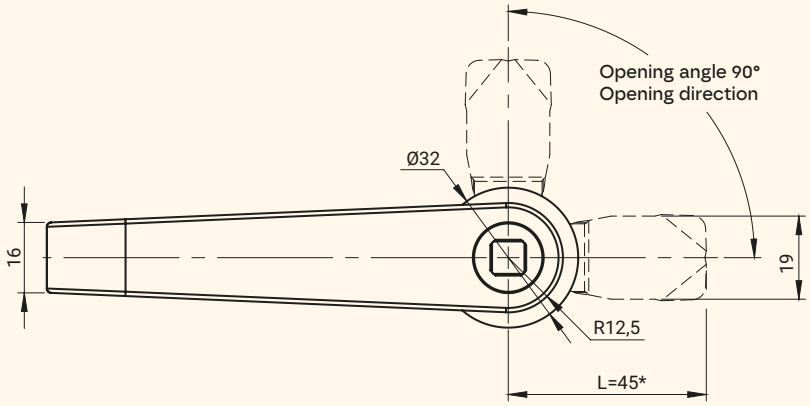
NEW







Cut Out



Quarter turn with a torsion spring based mechanism locking the rotation of the handle (rotation of the handle possible only after turning the key, after its removal the lock automatically returns to the original-locked position).

CATALOGUE NO.	FINISH [C]	
2.L18.302	RAL9005	
2.L18.301	Chrome	
COMPONENTS	**MATERIAL**	
Housing, Handle	ZAMAK 5	
Insert	Steel	
INSERT [X]	**FINISH [C]**	
KW8	Chrome	RAL 9005
	01	04

How to order:

2.L18.301 — KW8.C — H.G

Catalogue number
Pin type [X]
Pin finish [C]
Type of cam

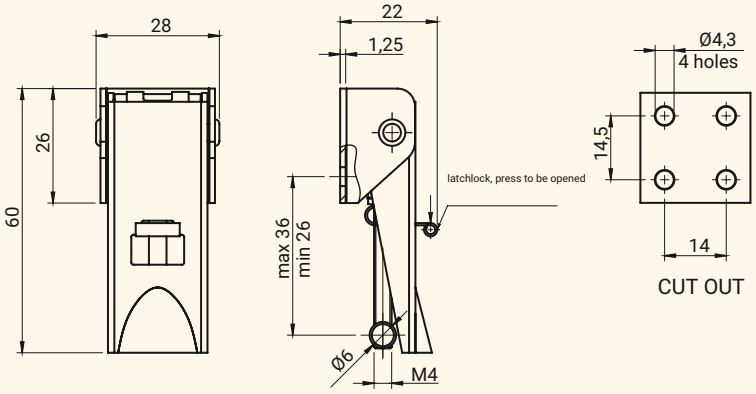
where: H.G.:
H - height locking
G - cams range
Ts - thickness door

The quarter turn is fitted with cams from the group: 12, 14, 17, 17A, 18, 32, 34, JK1-16018, JK2-16018, J-6000.03, J-6000.04, JK-1610.01, JZ-002 (pg. 1C-10 to 1C-23)
* possibility to make in another dimension

Latch 3.ST201, 3.ST202

stainless steel





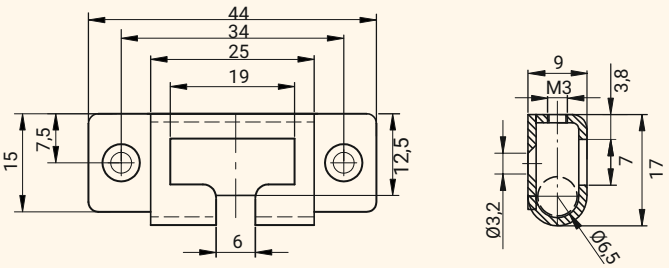
Preferred catch:

- 3.ST201UN.001 (2B-1)
- 3.ST201UN.001SN (2B-1)

Catch ordered separately

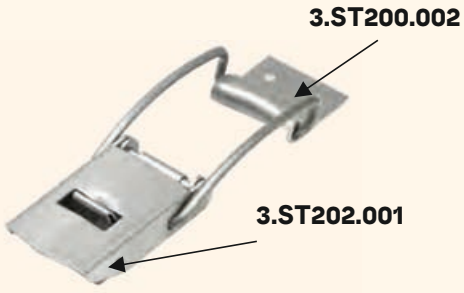
CATALOGUE NO.	MATERIAL
3.ST201.001	Steel zinc plated
3.ST201UN.001*	Stainless steel

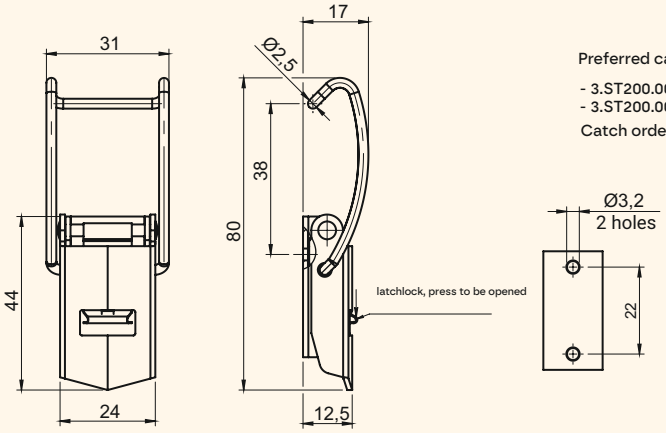




CATALOGUE NO.	MATERIAL
3.ST201.001N	Steel zinc plated
3.ST201UN.001SN*	Stainless steel

stainless steel





Preferred catch:

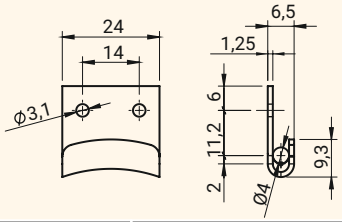
- 3.ST200.002 (2B-1)
- 3.ST200.002SN (2B-1)

Catch ordered separately

Cut out

CATALOGUE NO.	MATERIAL
3.ST202.001	Steel zinc plated
3.ST202.001SN	Stainless steel

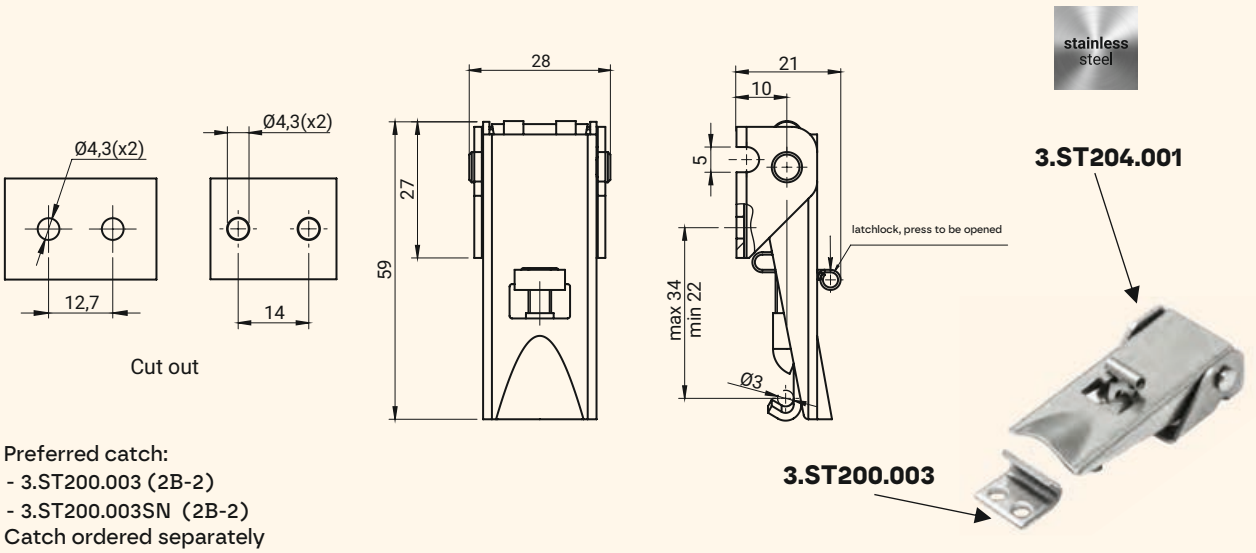
3.ST200.002



CATALOGUE NO.	MATERIAL Steel
3.ST200.002*	zinc plated
3.ST200.002SN*	Stainless steel

* detail to be ordered separately

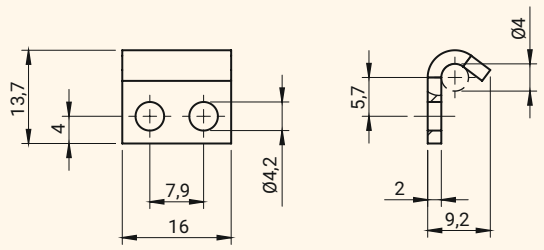
Latch 3.ST204, 3.ST205
Catch 3.ST200



Preferred catch:
- 3.ST200.003 (2B-2)
- 3.ST200.003SN (2B-2)

Catch ordered separately

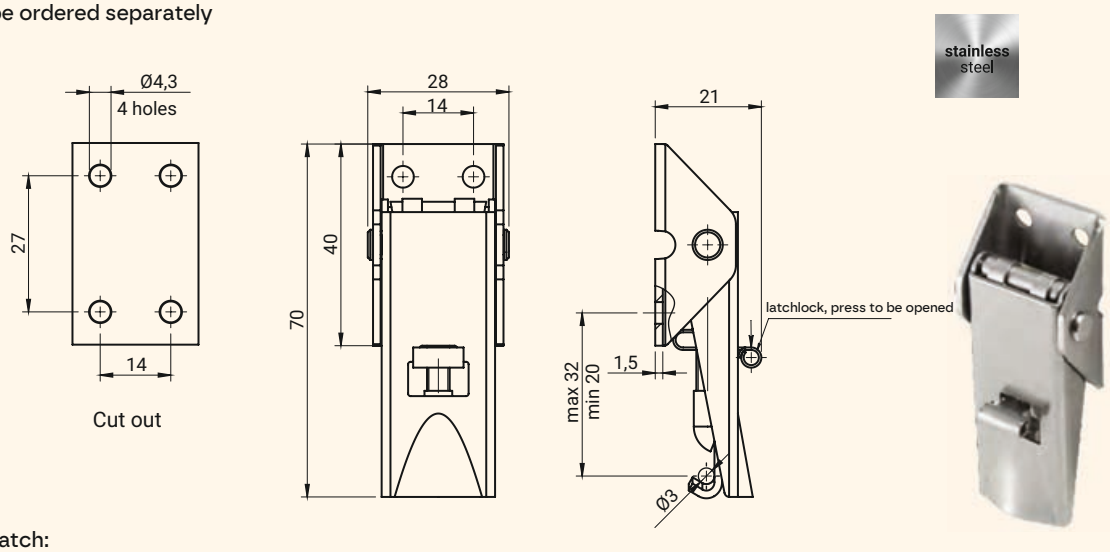
CATALOGUE NO.	MATERIAL
3.ST204.001	Steel zinc plated
3.ST204.001SN	Stainless steel



Catch can be used with:
3.ST204.001
3.ST204.001SN
3.ST205.001
3.ST205.001SN

CATALOGUE NO.	MATERIAL
3.ST200.003*	Steel zinc plated
3.ST200.003SN*	Stainless steel

* detail to be ordered separately



Preferred catch:
- 3.ST200.003 (2B-2)
- 3.ST200.003SN (2B-2)

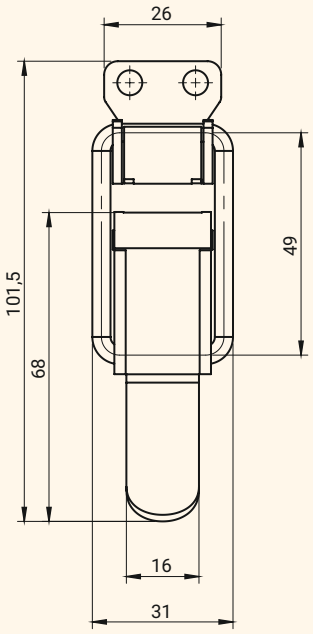
Catch ordered separately

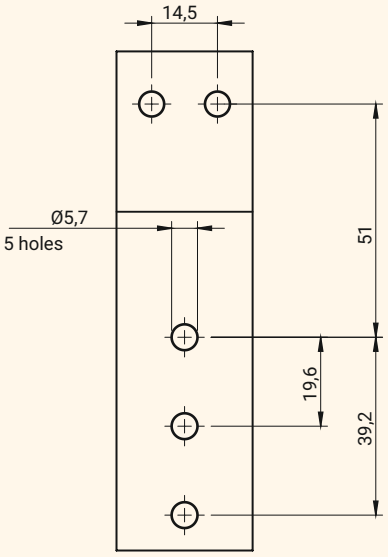
CATALOGUE NO.	MATERIAL
3.ST205.001	Steel zinc plated
3.ST205.001SN	Stainless steel

Latch 3.ST-264, 3.ST265

stainless steel







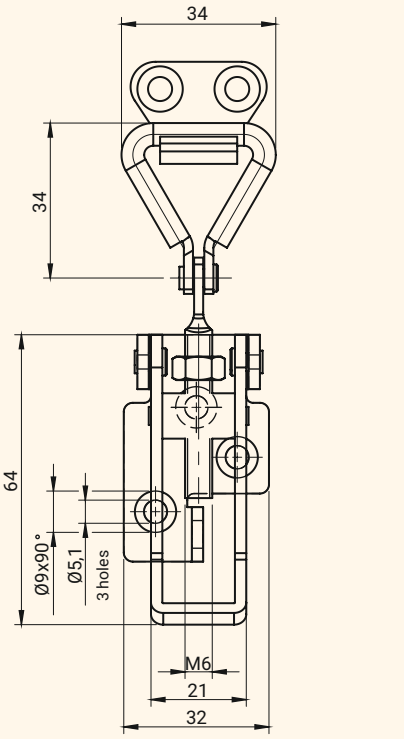
Cut out

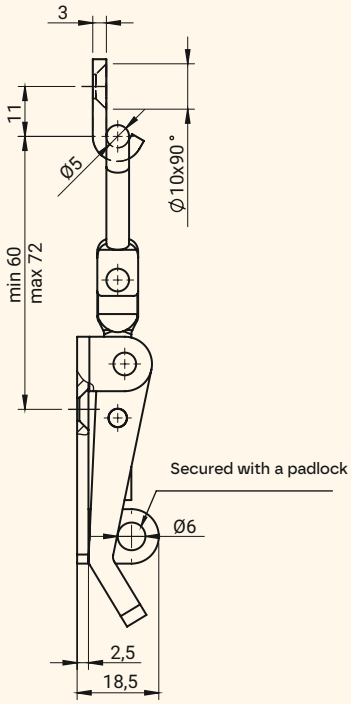
Latch supplied with a catch

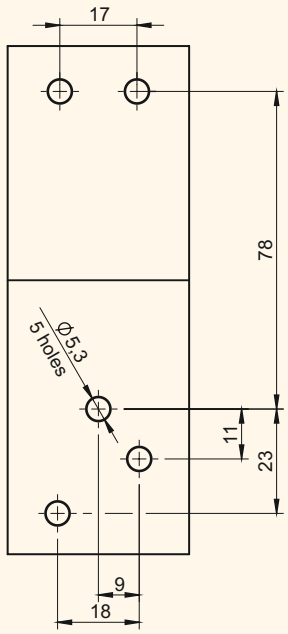
CATALOGUE NO.	MATERIAL
3.ST265.001SN	Stainless steel

stainless steel







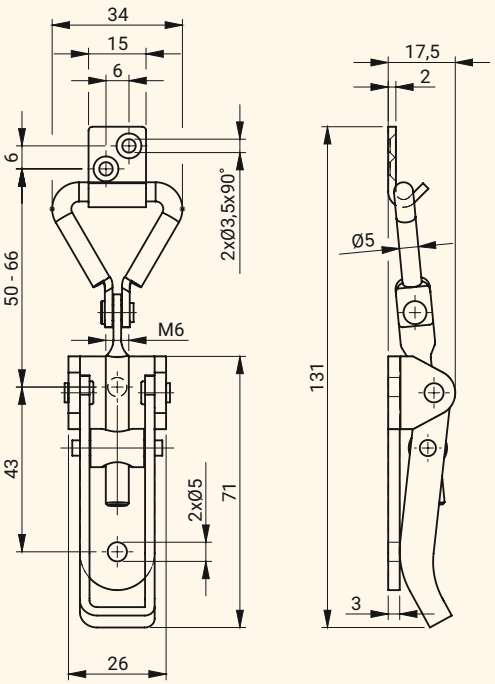


Cut out

Latch supplied with a catch

CATALOGUE NO.	DETAIL	MATERIAL
3.T265.001SN	Latch secured with a padlock	Stainless steel

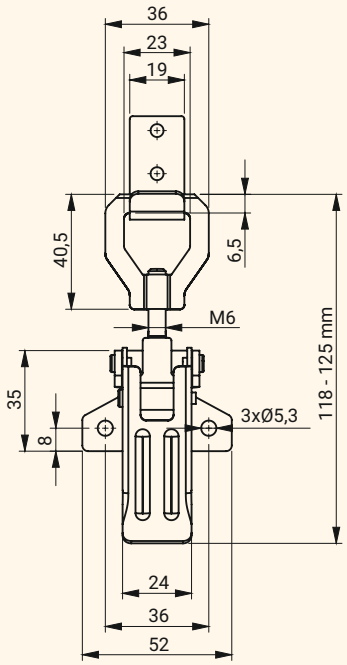
Latch 3.ST265

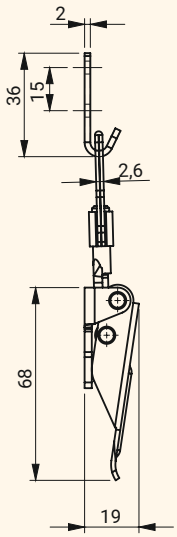


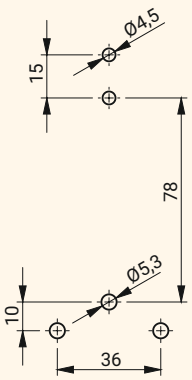


Latch supplied with a catch

CATALOGUE NO.	MATERIAL
3.ST265.002	Steel zinc plated
3.ST265.002SN	Stainless steel







Cut out



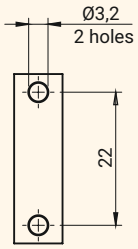
Latch supplied with a catch

CATALOGUE NO.	MATERIAL
3.ST265.003	Steel zinc plated
3.ST265.003SN	Stainless steel

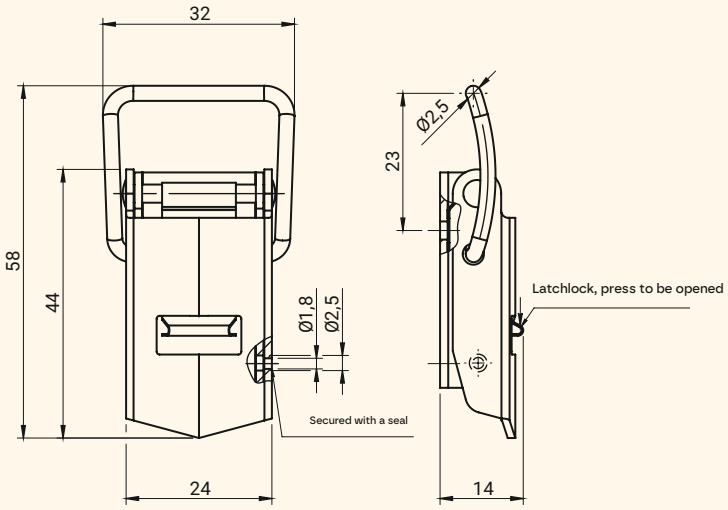
Latch 3.ST206, 3.ST207

stainless steel





Cut out



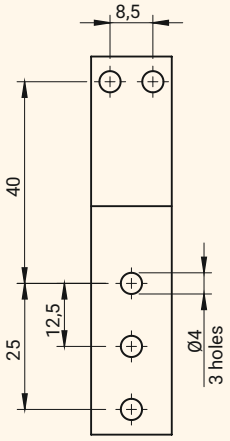
Preferred catch:
- 3.ST200.002 (2B-1)
- 3.ST200.002SN (2B-1)

Catch ordered separately

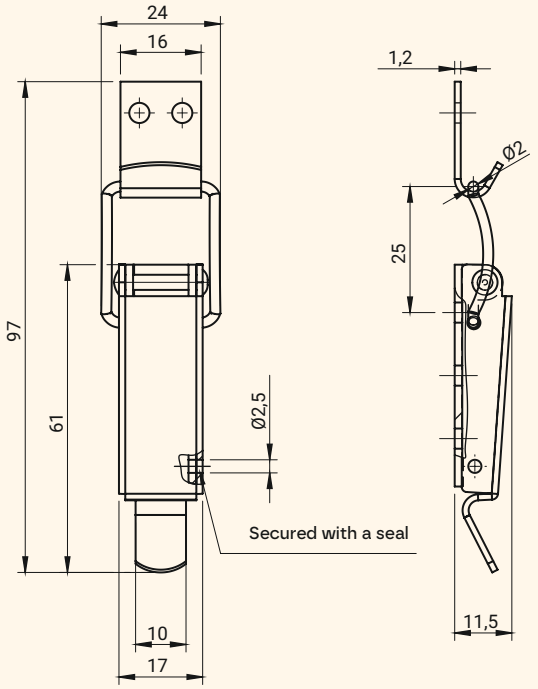
CATALOGUE NO.	MATERIAL
3.ST206.001*	Steel zinc plated
3.ST206.001SN*	Stainless steel

stainless steel





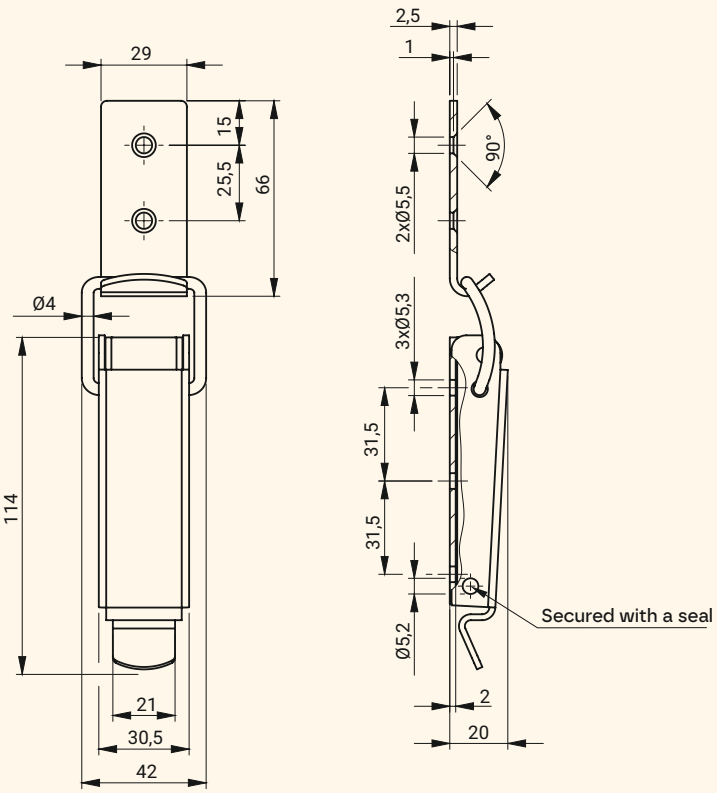
Cut out



Latch supplied with a catch

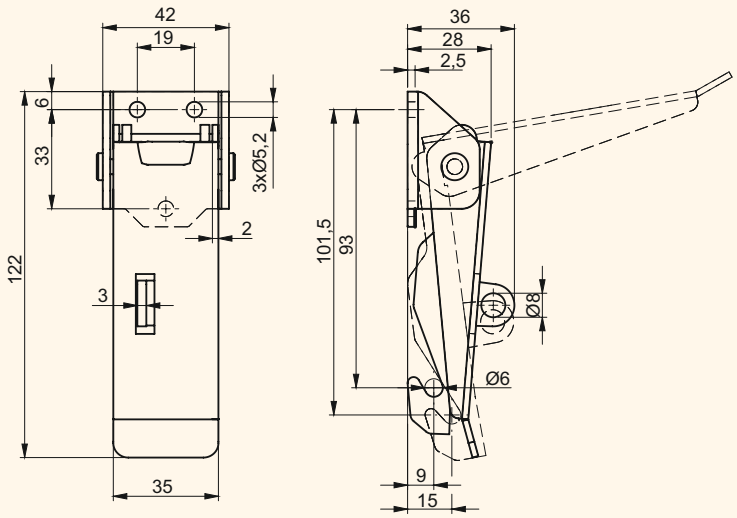
CATALOGUE NO.	MATERIAL
3.ST207.001	Steel zinc plated
3.ST207.001SN	Stainless steel

Latch 3.ST209, 3.ST211





CATALOGUE NO.	MATERIAL
3.ST209.001	Steel zinc plated
3.ST209.001SN	Stainless steel

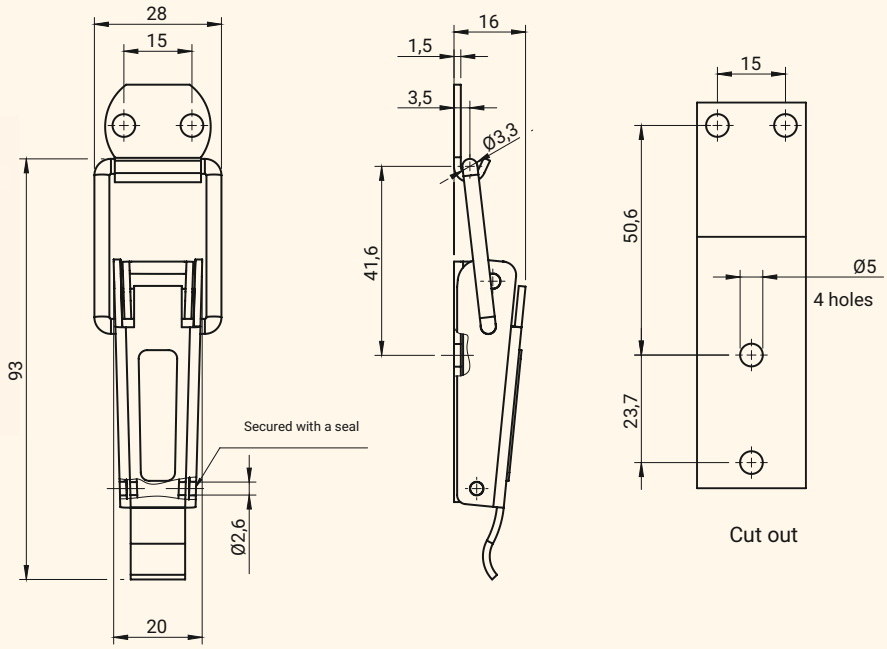




CATALOGUE NO.	MATERIAL
3.ST211.001	Steel zinc plated
3.ST211.001SN	Stainless steel

Latch 3.ST261, 3.ST262

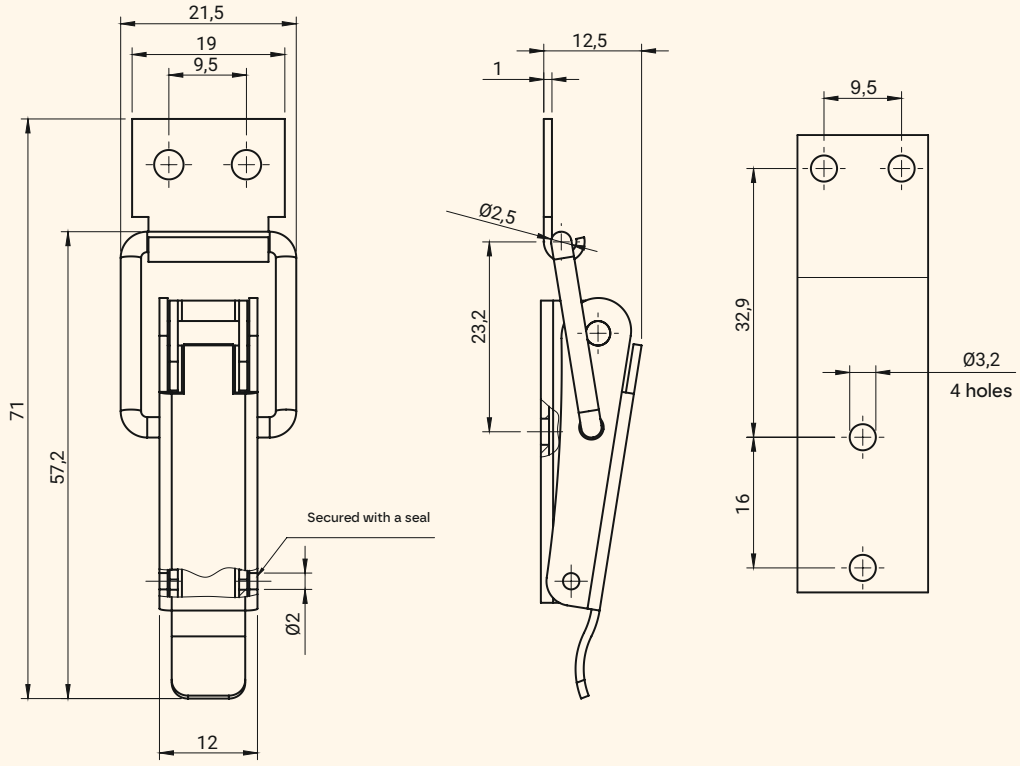




Latch supplied with a catch

CATALOGUE NO.	MATERIAL
3.ST21.001	Steel zinc plated

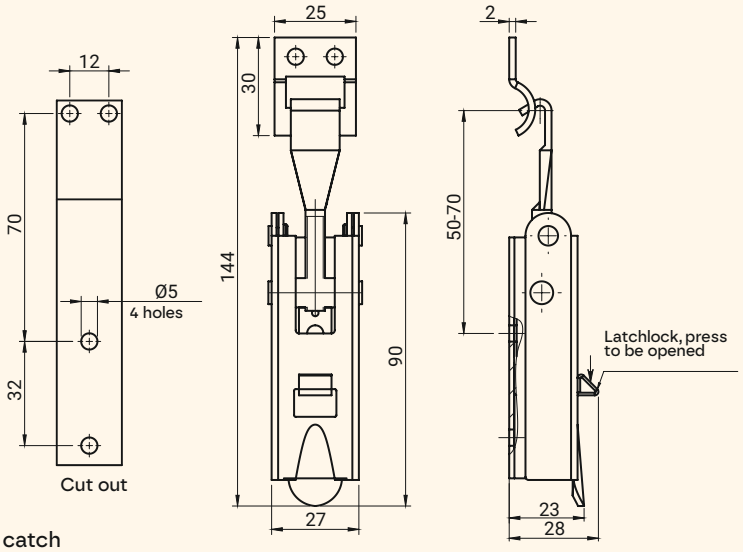




Latch supplied with a catch

CATALOGUE NO.	MATERIAL
3.ST262.001	Steel zinc plated

Latch 3.ST208, 3.ST210, 3.ST212

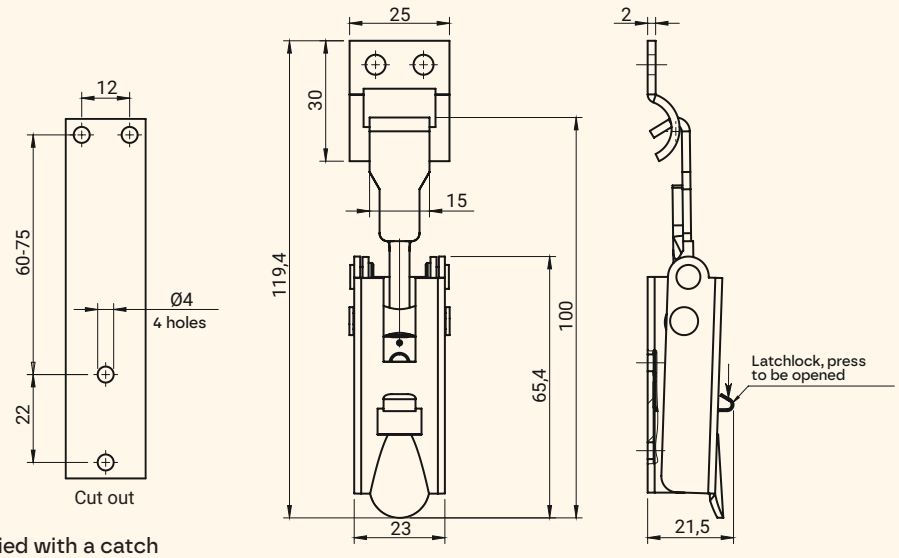






Latch supplied with a catch

CATALOGUE NO.	MATERIAL
3.ST208.001	Steel zinc plated
3.ST208.001SN	Stainless steel

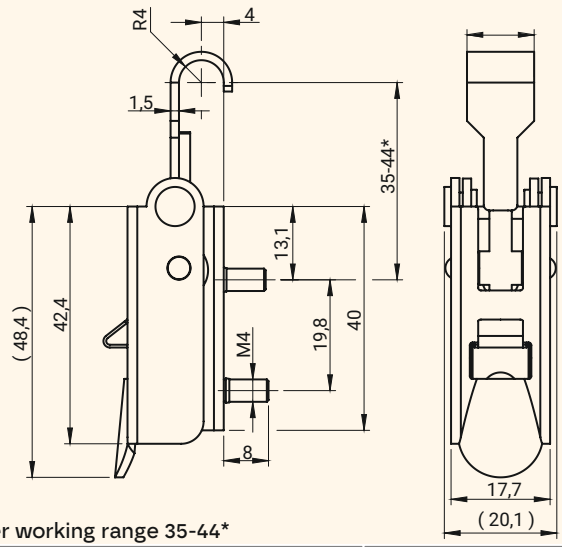






Latch supplied with a catch

CATALOGUE NO.	MATERIAL
3.ST210.001	Steel zinc plated
3.ST210.001SN	Stainless steel







* Adjustable fastener working range 35-44*

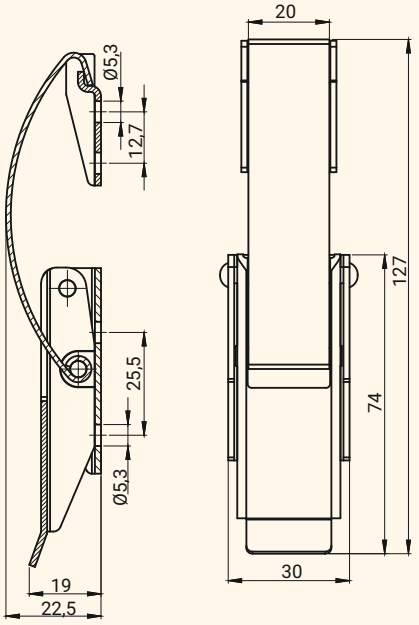
CATALOGUE NO.	MATERIAL
3.ST212.001SN	Stainless steel

Latch 3.ST263.001, 3.ST263.100

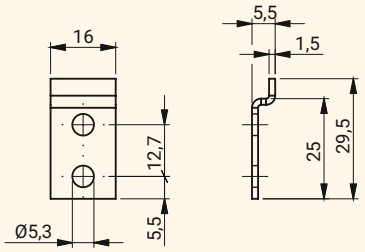
stainless steel



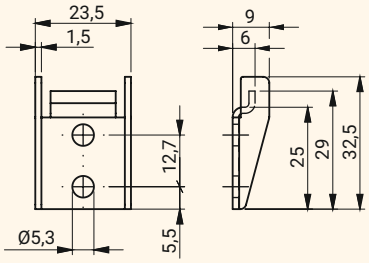
3.ST263.001



3.ST263.001.04A



3.ST263.001.04B

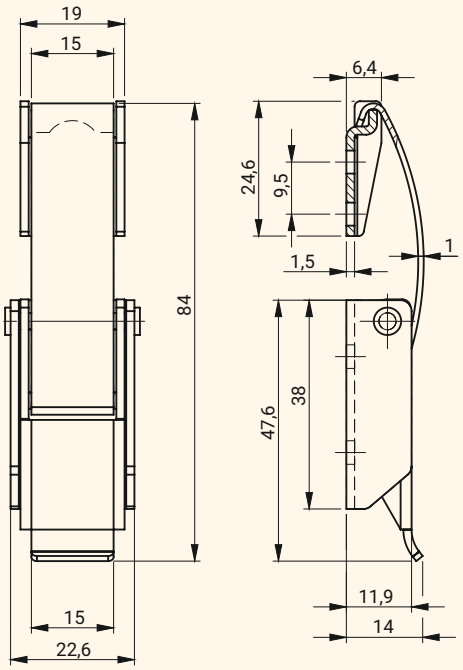


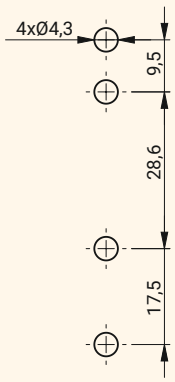
Attachment 3.ST263.001.04A or 3.ST263.001.04B ordered separately

CATALOGUE NO.	MATERIAL	FINISH [C]
		RAL 9005
3.ST263.001	Steel zinc plated	
3.ST263.001SN	Stainless steel	-
3.ST263.001.04A	Steel zinc plated	04
3.ST263.001.04B		
3.ST263.001.04ASN	Stainless steel	-
3.ST263.001.04BSN		

stainless steel





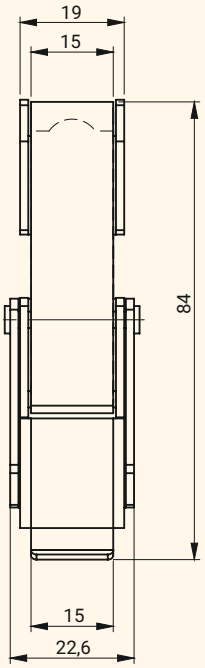


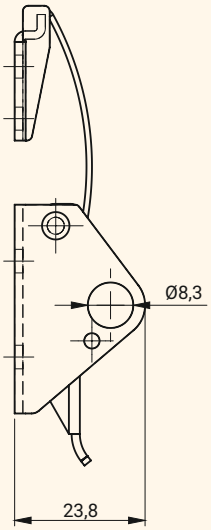
Cut out

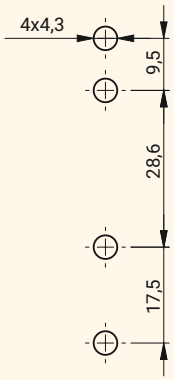
Latch supplied with a catch

CATALOGUE NO.	MATERIAL
3.ST263.100	Steel zinc plated
3.ST263.100SN	Stainless steel

Latch 3.ST263.101, 3.561



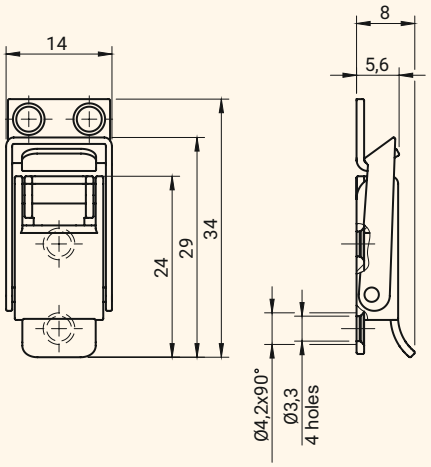


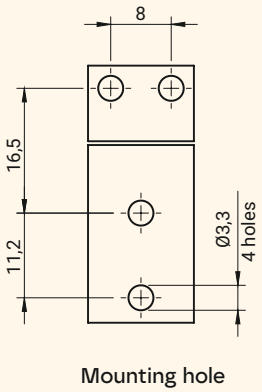




Latch supplied with a catch

CATALOGUE NO.	DETAIL	MATERIAL
3.ST263.101	Latch secured with a padlock	Steel zinc plated
3.ST263.101SN		Stainless steel







Latch supplied with a catch

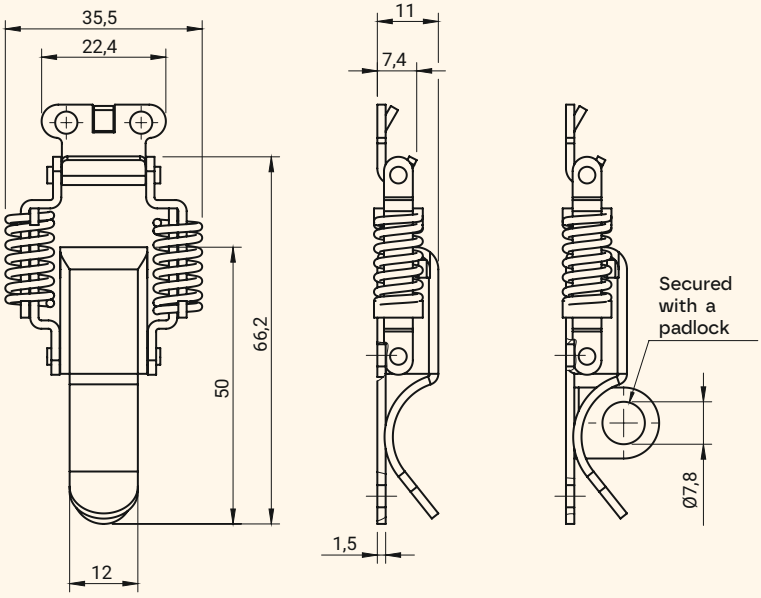
CATALOGUE NO.	MATERIAL
3.561.001	Stainless steel

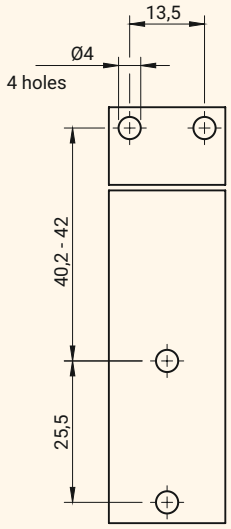
Latch 3.562

stainless steel









Cut out

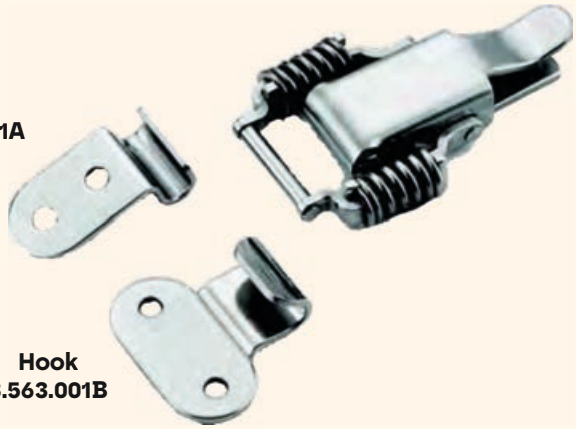
Latch supplied with a catch

CATALOGUE NO.	MATERIAL
3.562.001	Stainless steel
3.562.002	Stainless steel

Latch 3.563

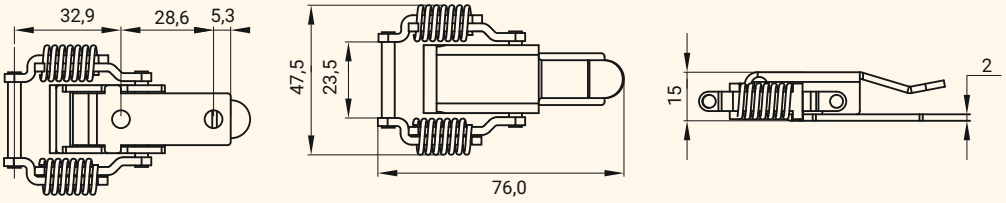
stainless steel

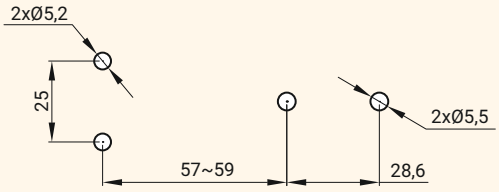
3.563.001



Hook
3.563.001A

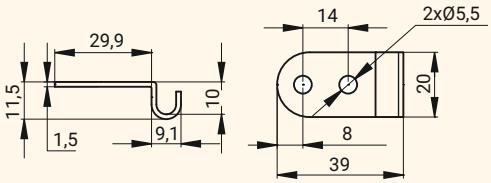
Hook
3.563.001B

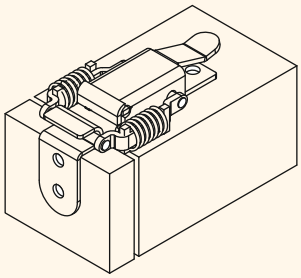




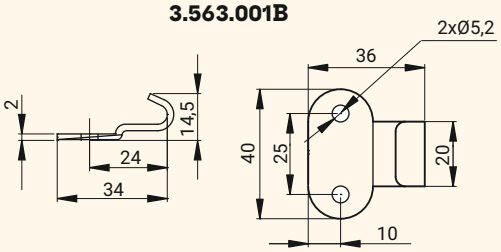
Cut out

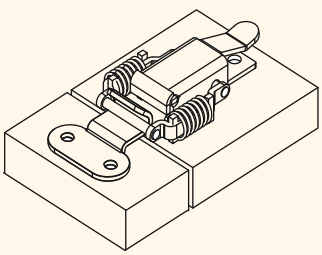
Hook
3.563.001A





Hook
3.563.001B



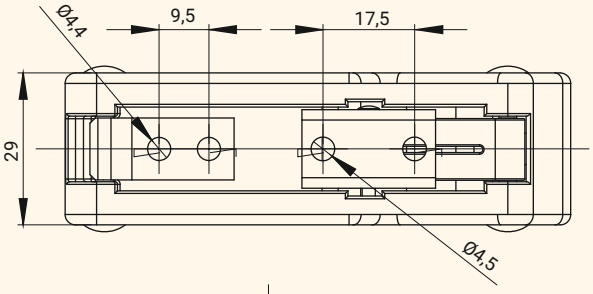


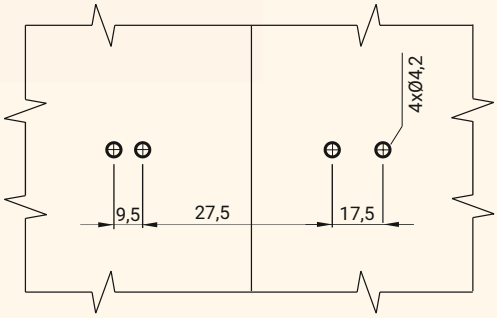
Catch ordered separately

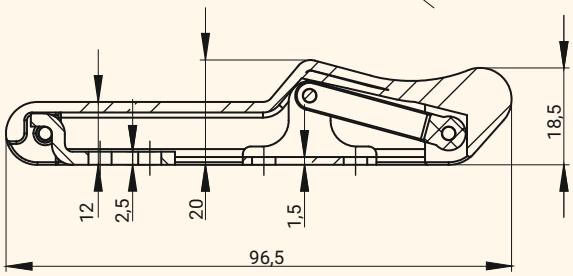
CATALOGUE NO.	MATERIAL
3.563.001	Stainless steel

Latch 4.490, 4.491







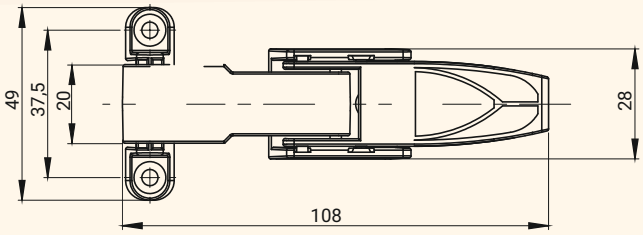


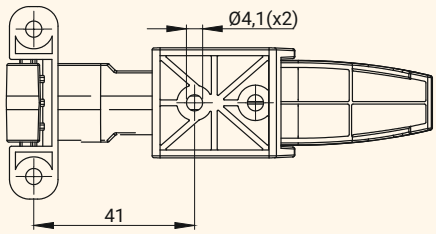
Cut out

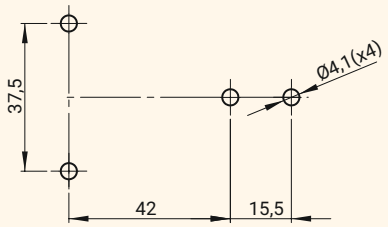
Latch supplied with a catch

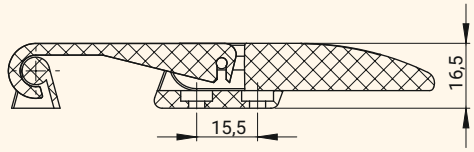
CATALOGUE NO.	MATERIAL	FINISH [C]
		RAL 9005
4.490.001	Plastic - elastomer	07











Cut out

Latch supplied with a catch

CATALOGUE NO.	MATERIAL	FINISH [C]	
		RAL 9005	RAL 7035
4.491.001		07	08

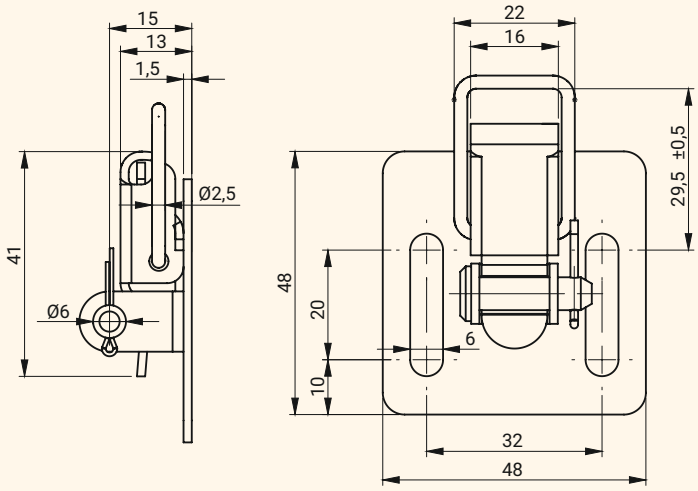
How to order :

4.491.001 — C

Catalogue number

Finish

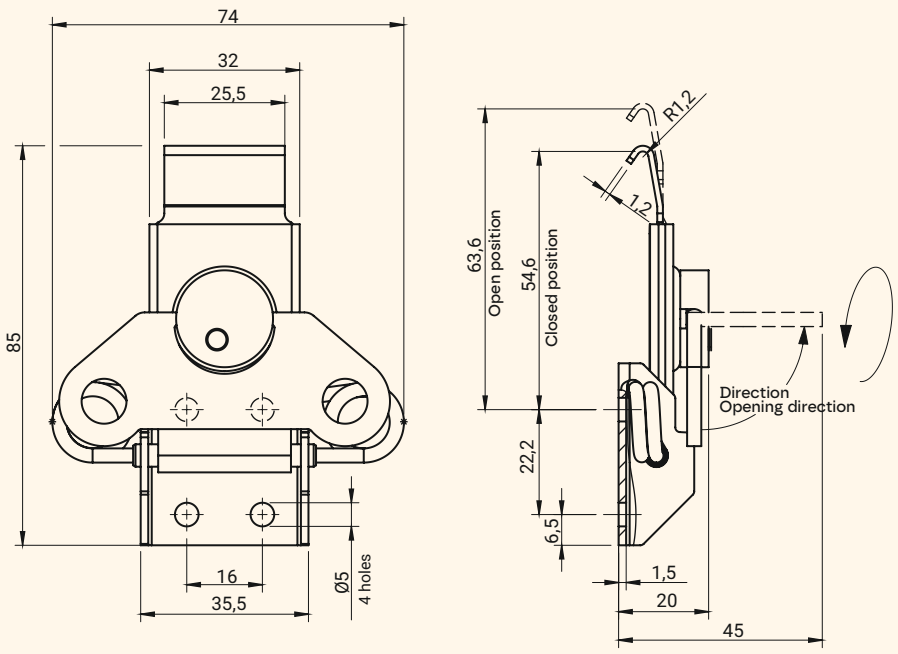
Latch 3.ST264.002, 3.ST267

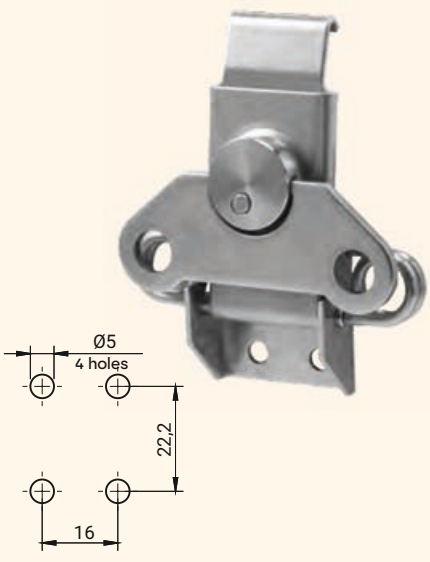




Latch with protection against unwanted opening.
Latch compatible with a catch 3.ST200.003SN - ordered separately.

CATALOGUE NO.	MATERIAL
3.ST264.002	Steel zinc plated
3.ST264.002SN	Stainless steel





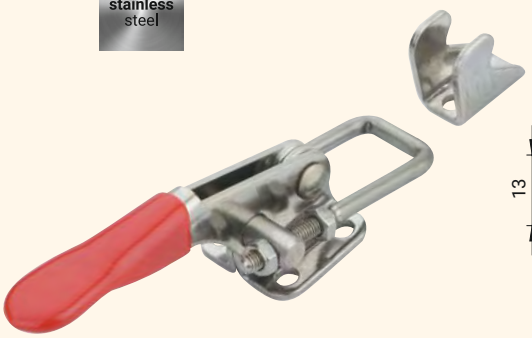
Cut outs

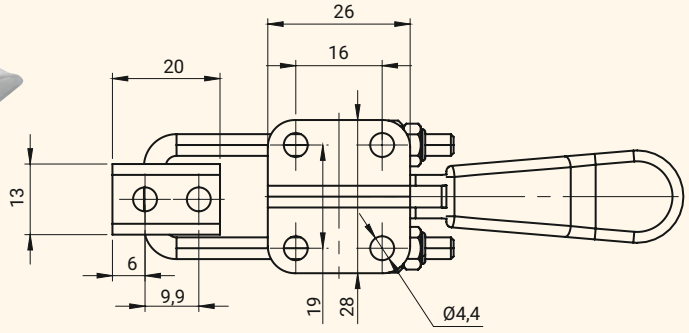
Latch opens by lifting the knob and turning counterclockwise.

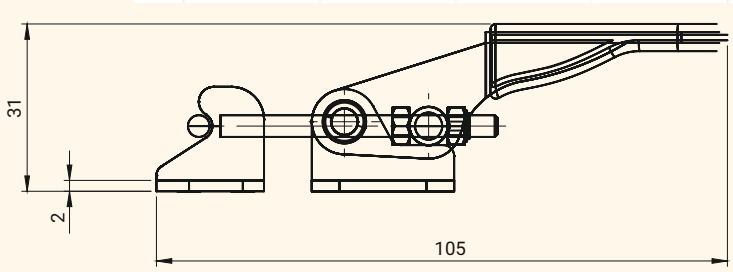
CATALOGUE NO.	MATERIAL
3.ST267.001SN	Stainless steel

Latch 3.565, 3.566

stainless steel





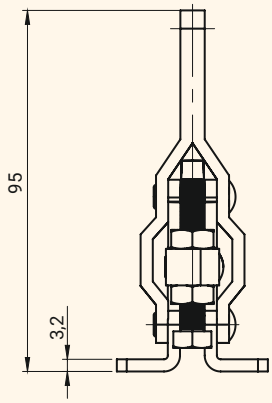


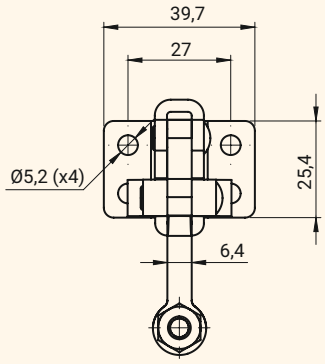
Note: Maximum load 160kg
Latch supplied with a catch

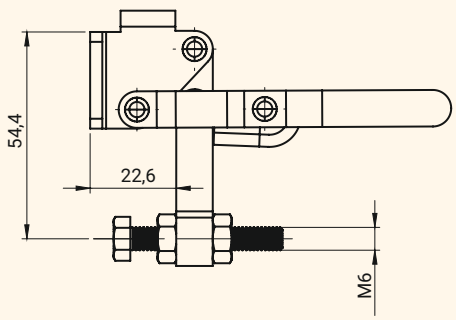
CATALOGUE NO.	MATERIAL
3.565.001	Stainless steel

stainless steel







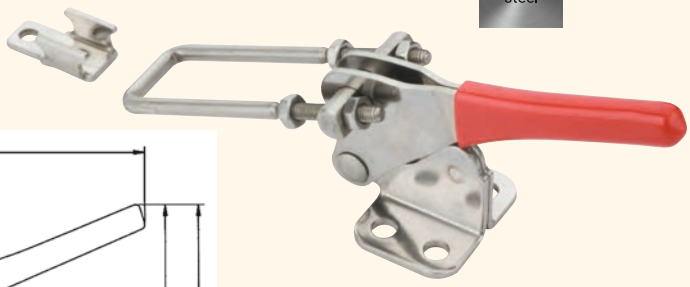


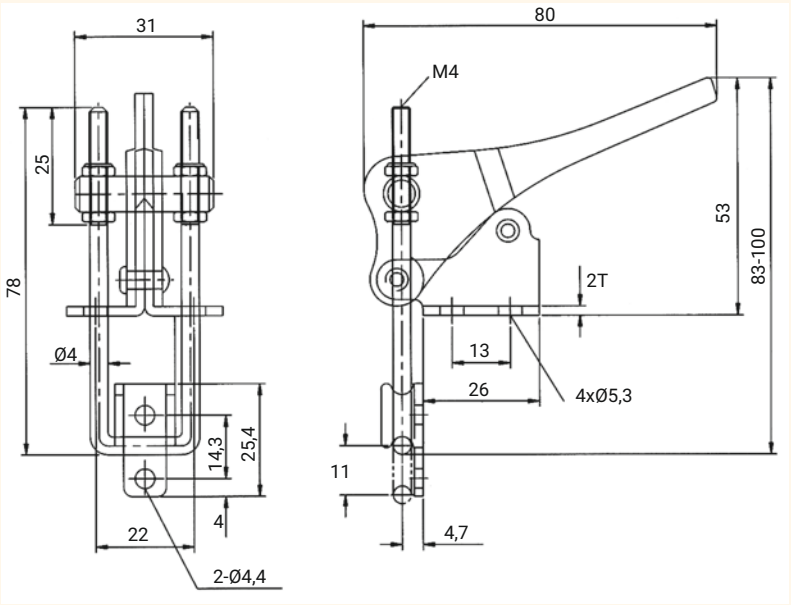
Note: Maximum load 95kg
Latch supplied with a catch

CATALOGUE NO.	MATERIAL
3.566.001	Stainless steel

Latch 3.567
Bolt 4.700

stainless steel

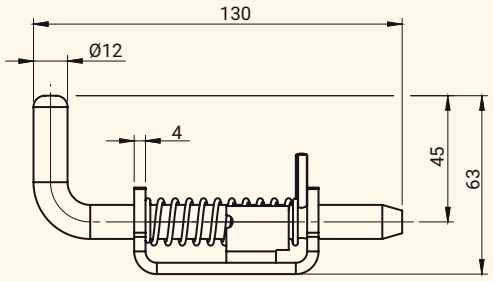


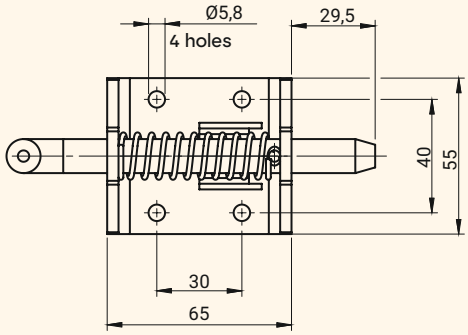


Note: Maximum load 225kg
Latch supplied with a catch

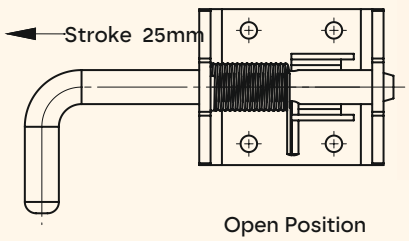
CATALOGUE NO.	MATERIAL
3.567.001	Stainless steel

EN 45545-2
for stainless steel version





Locked Position



Open Position



CATALOGUE NO.	COMPONENTS	MATERIAL
4.700.001	Base Mount, Locking Pin	Steel zinc plated
4.700.001SN	Spring Base Mount,	Stainless steel
	Locking Pin	Stainless steel

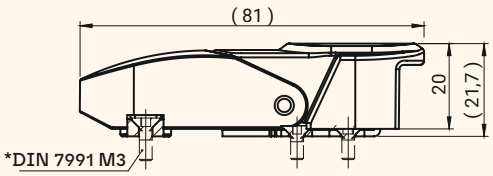
Latch 4.492, 3.ST203

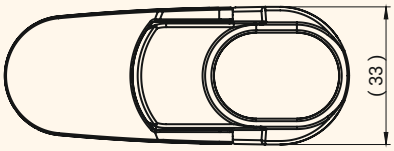
NEW

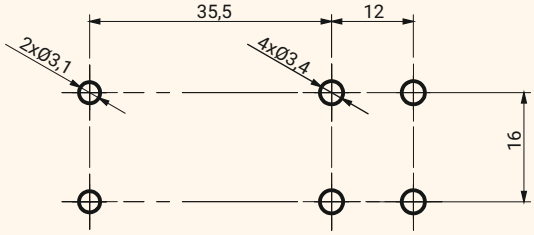












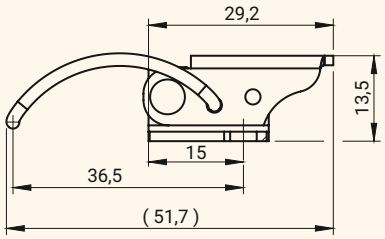
Cut out

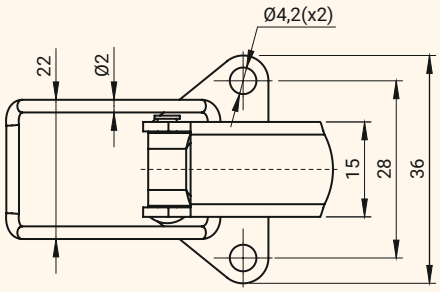
*not included in the scope of delivery fastener supplied with catch. Hook without cover.

CATALOGUE NO.	MATERIAL	FINISH [C]
		RAL 9005
4.492.001	ZAMAK 5	04

NEW







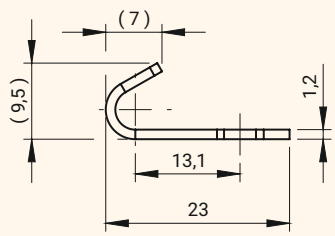
Preferred abutments: 3.ST207.001.01 (2B-17)
Hook to be ordered separately

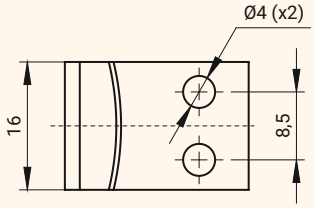
CATALOGUE NO.	MATERIAL
3.ST203.001	Steel zinc plated

NEW

3.ST207.001.01

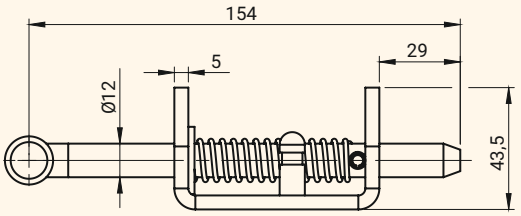




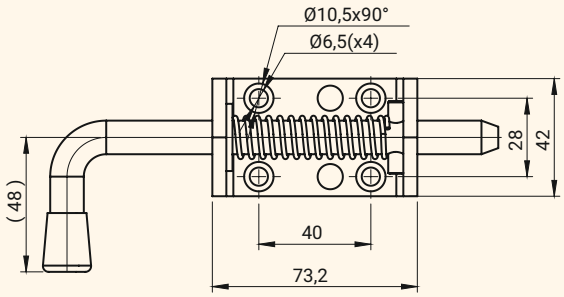


CATALOGUE NO.	MATERIAL
3.ST207.001.01	Steel zinc plated

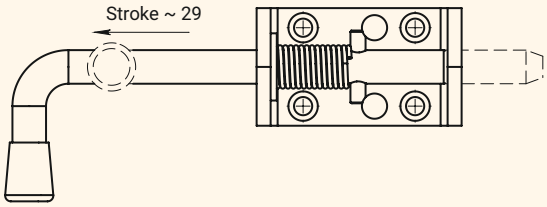
Bolt 4.701, 4.702





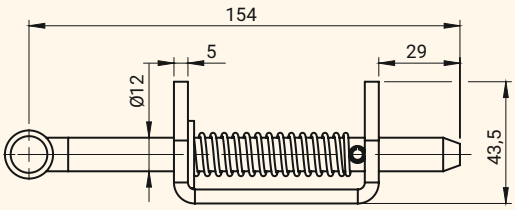


Locked position

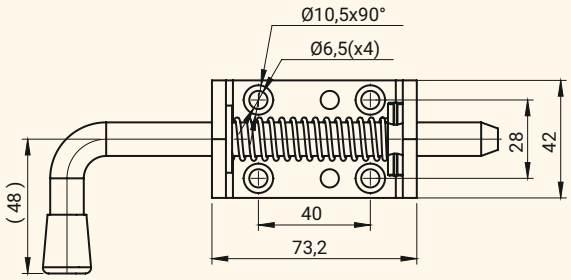


Open position (locking of lock in open position)

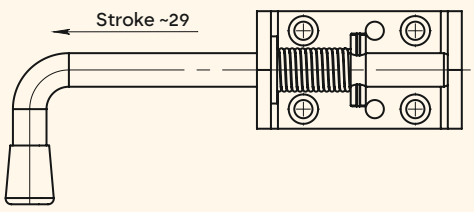
CATALOGUE NO.	COMPONENTS	MATERIAL
4.701.001	Base Mount, Locking Pin	Steel zinc plated
	Spring	Stainless steel
4.701.001SN	Base Mount, Locking Pin	Stainless steel







Locked position



Open position (no locking of the bolt in the open position)

CATALOGUE NO.	COMPONENTS	MATERIAL
4.702.001	Base Mount, Locking Pin	Steel zinc plated
	Spring	Stainless steel
4.702.001SN	Base Mount, Locking Pin	Stainless steel



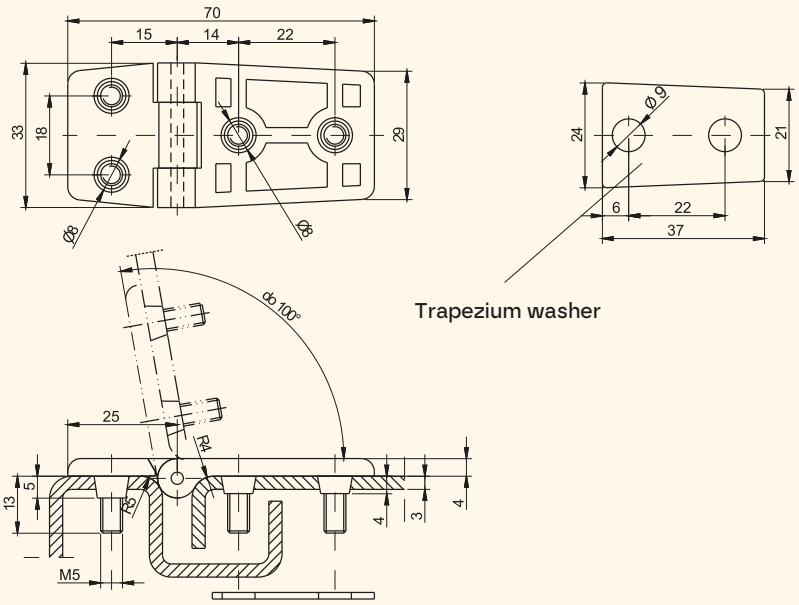
03

Hinges

Hinge 3.ZN1, 3.ZN2



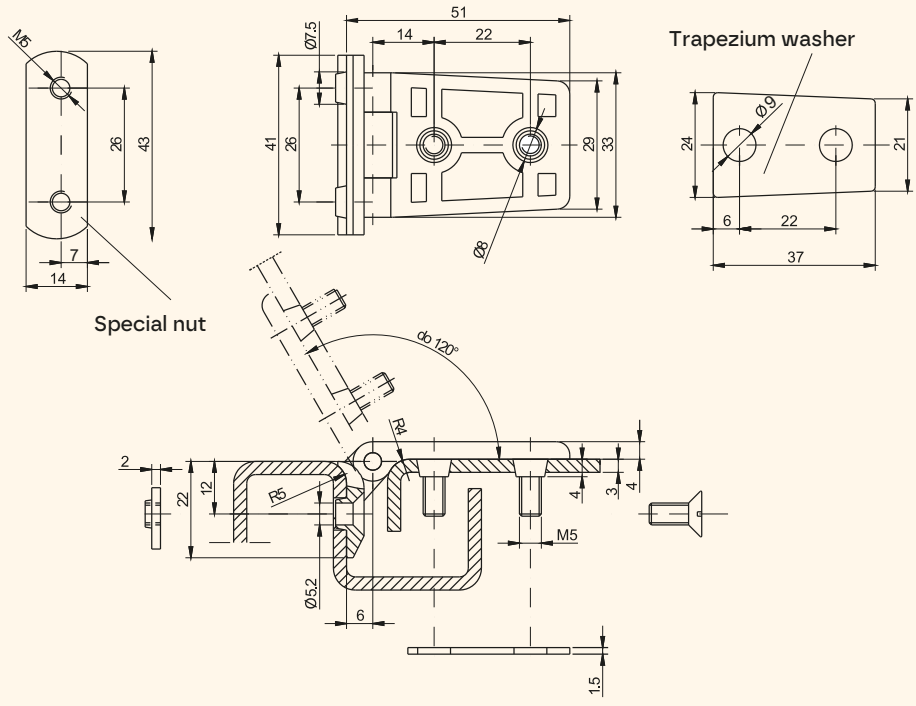




CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
3.ZN1.001	Holder, Base	ZAMAK 5	04	05
	Pin	Brass		
	Washer, nut	Steel zinc plated		







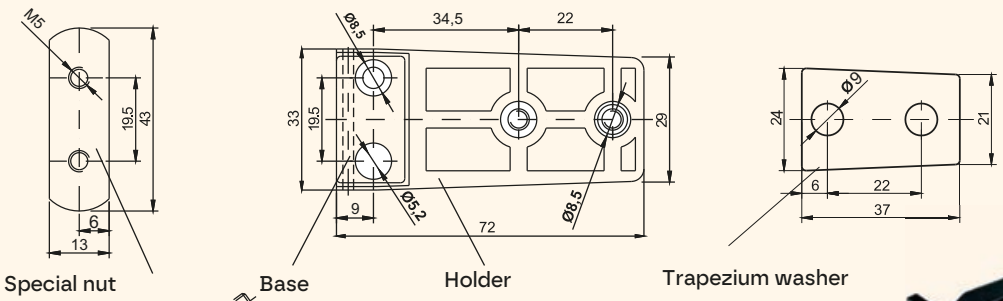
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
3.ZN2.001	Holder, Base	ZAMAK 5	04	05
	Pin	Brass		
	Washer, nut	Steel zinc plated		

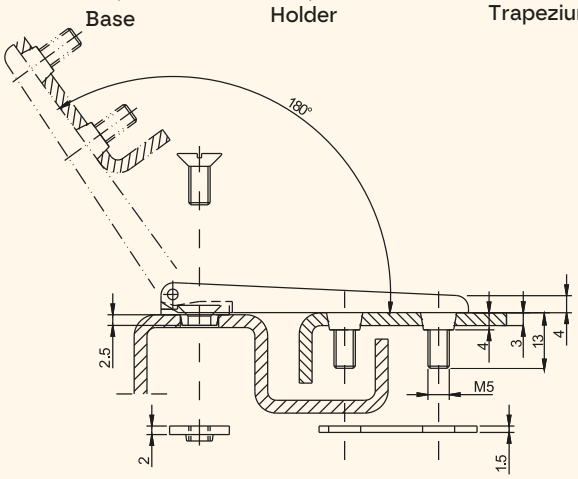
How to order:

3.ZN1.001 — C

Catalogue number | Finish

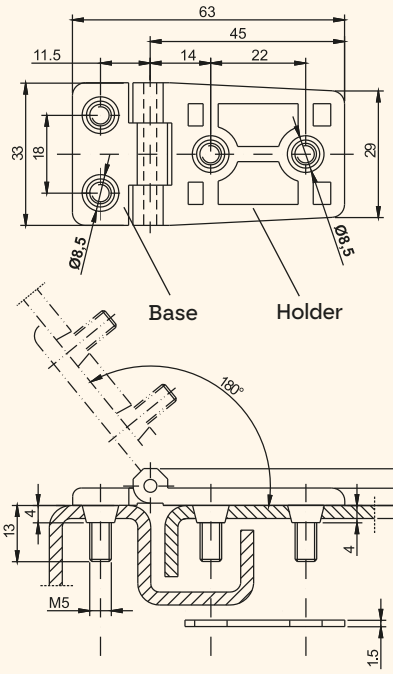
Hinge 3.ZN3, 3.ZN4

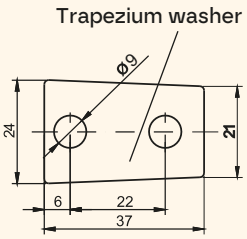






CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
3.ZN3.001	Holder, Base	ZAMAK 5	04	05
	Pin	Brass		
	Washer, nut	Steel zinc plated		







CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
3.ZN4.001	Holder, Base	ZAMAK 5	04	05
	Pin, Washer	Steel zinc plated		

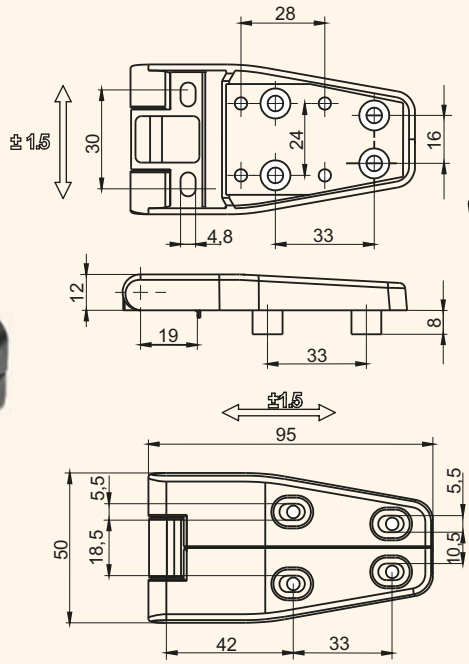
How to order:

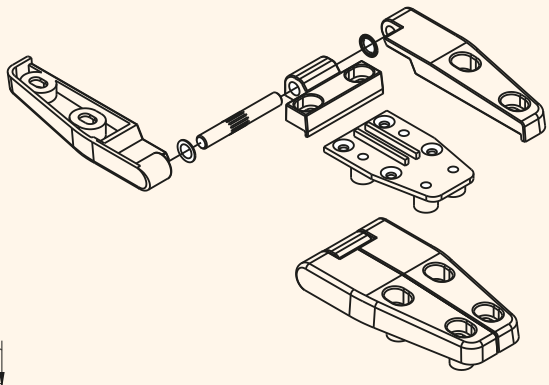
Catalogue number Finish

3.ZN3.001 — C

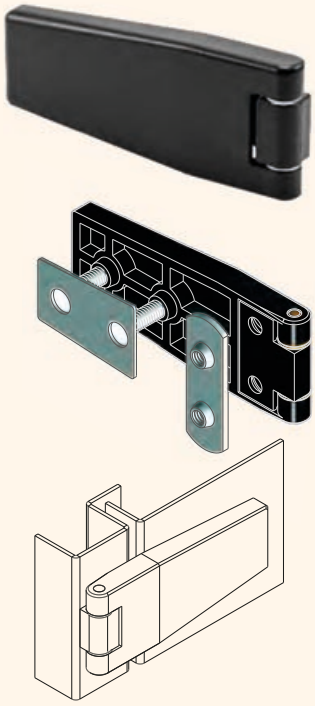
Hinge 3.ZN115, 3.ZN110

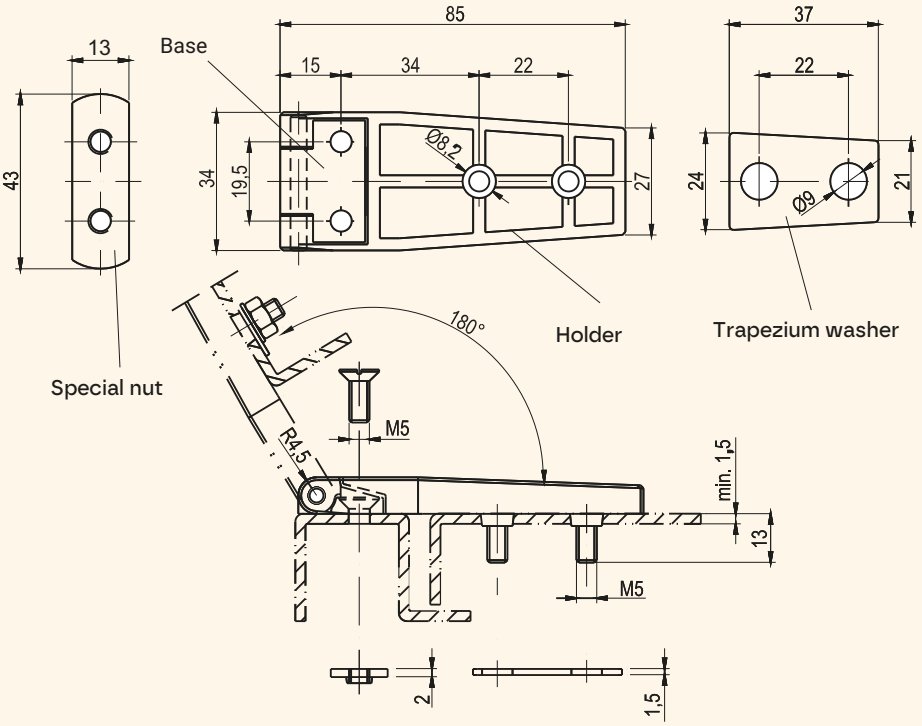






CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
3.ZN115.001	Holder, Base	ZAMAK 5	04	05
	Pin, Washer, Nut	Steel zinc plated		





CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
3.ZN110.001	Holder, Base	ZAMAK 5	04	05
	Pin Washer, Nut	Steel zinc plated		

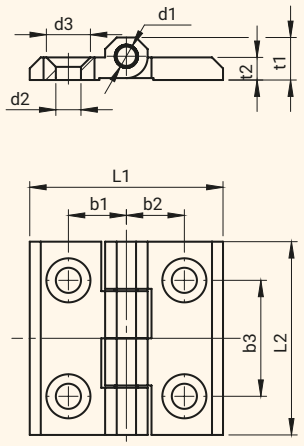
How to order:

3.ZN115.001 — C

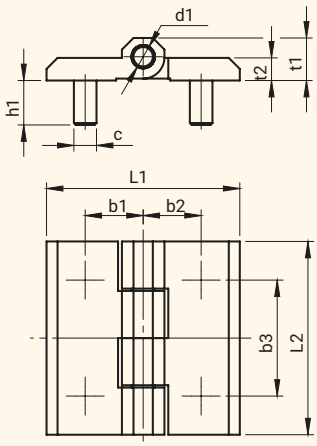
Catalogue number — Finish

Hinge 3.ZN60, 3.ZN65, 3.511

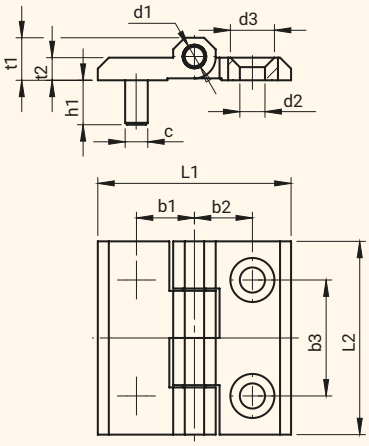
TYPE A



TYPE B



TYPE C





Specification
TYPE A - 4 holes for countersunk screws
TYPE B - version with 4 threaded pins
TYPE C - version with 2 threaded pins and 2 holes

INFORMATION
Type A and C: use DIN 965 screws Pin made of AISI 304 stainless steel M6 screws made of AISI 304 stainless steel M8 screws made of galvanized steel
* possibility to order with M5x8 pins

Material: **ZAMAK 5**

CATALOG NO.	TYPE	L1	L2	c	h1	b1	b2	b3	t1	t2	d1	d2	d3	FINISH
3.ZN60.001-01	A	40	40	-	-	12,5	12,5	25	9	5	4	5,4	10	Chrome
3.ZN60.001-04	A	40	40	-	-	12,5	12,5	25	9	5	4	5,4	10	RAL9005
3.ZN60.001-05	A	40	40	-	-	12,5	12,5	25	9	5	4	5,4	10	RAL7035
3.ZN60.002-01*	B	40	40	M5	12,5	12,5	12,5	25	9	5	4	-	-	Chrome
3.ZN60.002-04*	B	40	40	M5	12,5	12,5	12,5	25	9	5	4	-	-	RAL9005
3.ZN60.002-05*	B	40	40	M5	12,5	12,5	12,5	25	9	5	4	-	-	RAL7035
3.ZN60.004-01*	C	40	40	M5	12,5	12,5	12,5	25	9	5	4	5,4	10	Chrome
3.ZN60.004-04*	C	40	40	M5	12,5	12,5	12,5	25	9	5	4	5,4	10	RAL9005
3.ZN60.004-05*	C	40	40	M5	12,5	12,5	12,5	25	9	5	4	5,4	10	RAL7035
3.ZN65.001-01	A	50	50	-	-	15	15	30	11	6	6	6,3	11,5	Chrome
3.ZN65.001-04	A	50	50	-	-	15	15	30	11	6	6	6,3	11,5	RAL9005
3.ZN65.001-05	A	50	50	-	-	15	15	30	11	6	6	6,3	11,5	RAL7035
3.ZN65.002-01	B	50	50	M6	12,5	15	15	30	11	6	6	-	-	Chrome
3.ZN65.002-04	B	50	50	M6	12,5	15	15	30	11	6	6	-	-	RAL9005
3.ZN65.002-05	B	50	50	M6	12,5	15	15	30	11	6	6	-	-	RAL7035
3.ZN65.003-01	C	50	50	M6	12,5	15	15	30	11	6	6	6,3	11,5	Chrome
3.ZN65.003-04	C	50	50	M6	12,5	15	15	30	11	6	6	6,3	11,5	RAL9005
3.ZN65.003-05	C	50	50	M6	12,5	15	15	30	11	6	6	6,3	11,5	RAL7035
3.511.11	A	60	60	-	-	18	18	36	15	8	8	8,4	14,5	Chrome
3.511.12	A	60	60	-	-	18	18	36	15	8	8	8,4	14,5	RAL9005
3.511.21	B	60	60	M8	14,8	18	18	36	15	8	8	-	-	Chrome
3.511.22	B	60	60	M8	14,8	18	18	36	15	8	8	-	-	RAL9005
3.511.31	C	60	60	M8	14,8	18	18	36	15	8	8	8,4	14,5	Chrome
3.511.32	C	60	60	M8	14,8	18	18	36	15	8	8	8,4	14,5	RAL9005

Material: **STAINLESS STEEL AISI 316**

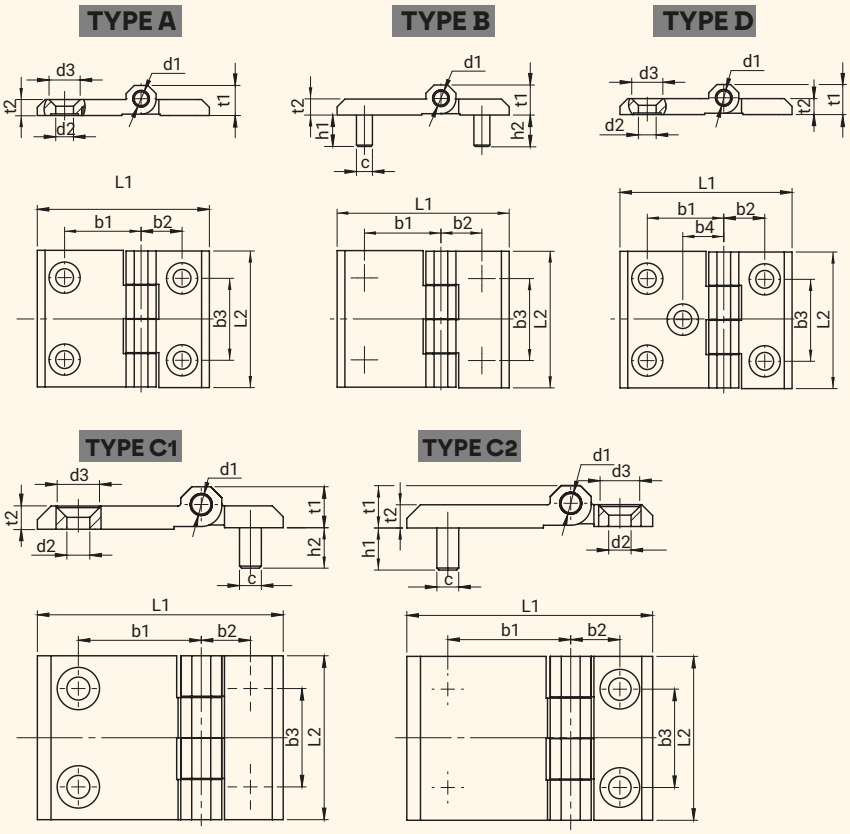
CATALOG NO.	TYPE	L1	L2	c	h1	b1	b2	b3	t1	t2	d1	d2	d3	FINISH
3.ZN60.001SN	A	40	40	-	-	12,5	12,5	25	9	5	4	5,2	11,5	-
3.ZN60.002SN	B	40	40	M5	12	12,5	12,5	25	9	5	4	-	-	-
3.ZN65.001SN	A	50	50	-	-	15	15	30	11,5	6	6	6,3	13,5	-
3.ZN65.002SN	B	50	50	M6	12	15	15	30	11,5	6	6	-	-	-
3.511.001SN	A	60	60	-	-	18	18	36	15	8	8	8,2	18	-
3.511.002SN	B	60	60	M8	14	18	18	36	15	8	8	-	-	-

Material: **POLYAMIDE**

CATALOG NO.	TYPE	L1	L2	c	h1	b1	b2	b3	t1	t2	d1	d2	d3	FINISH
3.511.13	A	60	60	-	-	18	18	36	15	8	8	8,4	16,8	RAL 9005

Hinge 3.509, 3.512





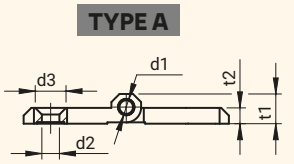
Specification
TYP A - version with 4 holes
TYP B - version with 4 threaded pins
TYP C1 - version with 2 holes and 2 threaded pins
TYP C2 - version with 2 threaded pins and 2 holes
TYP D - version with 5 holes

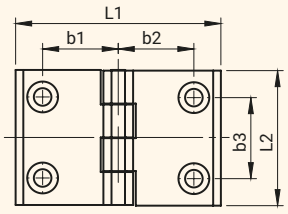
INFORMATION
Type A, C1, C2,D: use DIN 965 screws
Pin made of AISI 304 stainless steel M6
screws made of AISI 304 stainless steel
M8 screws made of galvanized steel

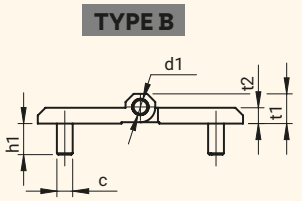
Material: **ZAMAK 5**																
CATALOG NO.	**TYPE**	**L1**	**L2**	**c**	**h1**	**h2**	**b1**	**b2**	**b3**	**b4**	**t1**	**t2**	**d1**	**d2**	**d3**	**FINISH**
3.509.01	A	63	50	-	-	-	28	15	30	-	11	6	6	6,5	11,5	Chrome
3.509.02	A	63	50	-	-	-	28	15	30	-	11	6	6	6,5	11,5	RAL9005
3.509.31	B	63	50	M6	11,5		28	15	30	-	11	6	6	6,5	11,5	Chrome
3.509.32	B	63	50	M6	11,5		28	15	30	-	11	6	6	6,5	11,5	RAL9005
3.509.11	D	63	50	-	-	-	28	15	30	15	11	6	6	6,5	11,5	Chrome
3.509.12	D	63	50	-	-	-	28	15	30	15	11	6	6	6,5	11,5	RAL9005
3.512.11	A	90	60	-	-	-	45	18	36	-	15	8	8	8,4	15,5	Chrome
3.512.12	A	90	60	-	-	-	45	18	36	-	15	8	8	8,4	15,5	RAL9005
3.512.21	B	90	60	M8	15,4	15	45	18	36	-	15	8	8	-	-	Chrome
3.512.22	B	90	60	M8	15,4	15	45	18	36	-	15	8	8	-	-	RAL9005
3.512.31	C1	90	60	M8	-	15	45	18	36	-	15	8	8	8,4	15,5	Chrome
3.512.32	C1	90	60	M8	-	15	45	18	36	-	15	8	8	8,4	15,5	RAL9005
3.512.41	C2	90	60	M8	15,4	-	45	18	36	-	15	8	8	8,4	15,5	Chrome
3.512.42	C2	90	60	M8	15,4	-	45	18	36	-	15	8	8	8,4	15,5	RAL9005

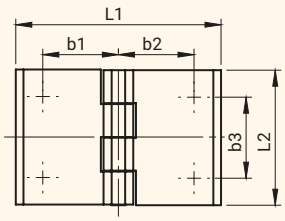
Material: **STAINLESS STEEL AISI 316**															
CATALOG NO.	**TYPE**	**L1**	**L2**	**c**	**h1**	**b1**	**b2**	**b3**	**b4**	**t1**	**t2**	**d1**	**d2**	**d3**	**FINISH**
3.509.0SN	A	63	50	-	-	28	15	30	-	11	6	6	6,5	13,5	-
3.509.3SN	B	63	50	M6	12	28	15	30	-	11	6	6	-	-	-
3.512.1SN	A	90	60	-	-	45	18	36	-	15	8	8	8,4	18,3	-
3.512.2SN	B	90	60	M8	14	48	18	36	-	15	8	8	-	-	-

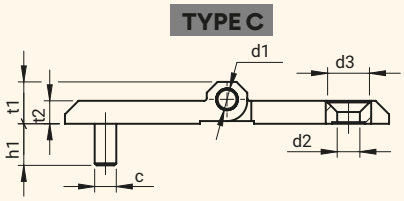
Hinge 3.510, 3.ZN66, 3.513

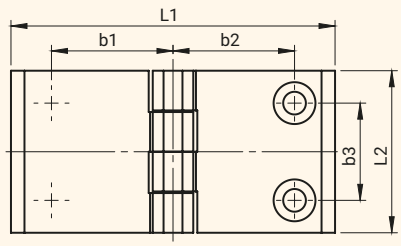


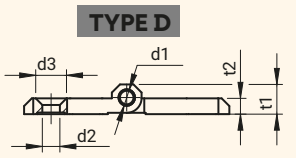


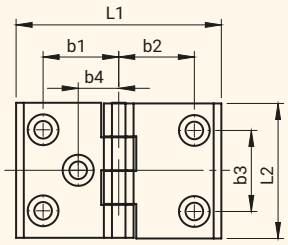


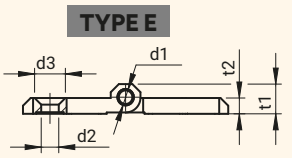


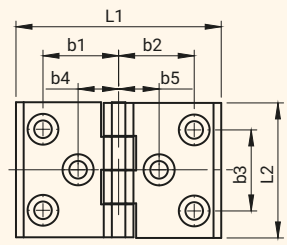












Specification

TYPE A - version with 4 holes
TYPE B - version with 4 threaded pins
TYPE C - version with 2 holes and 2 threaded pins
TYPE D - version with 5 holes
TYPE E - version with 6 holes

INFORMATION
Type A, C, D, E: use DIN 965 screws Pin made of AISI 304 stainless steel M6 screws made of AISI 304 stainless steel M8 screws made of galvanized steel

** material: POLIAMIDE PA6

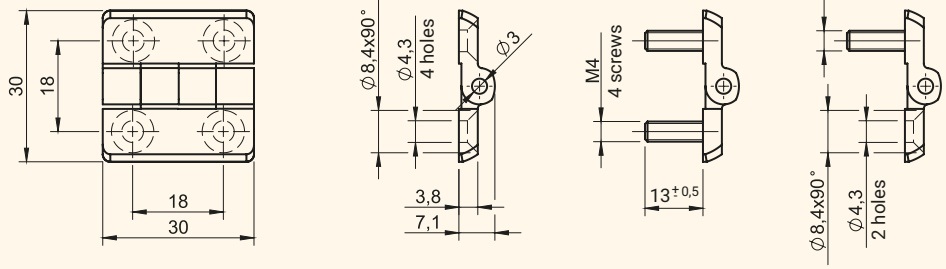


Material: **ZAMAK 5**																
CATALOG NO.	**TYPE**	**L1**	**L2**	**c**	**h1**	**b1**	**b2**	**b3**	**b4**	**b5**	**t1**	**t2**	**d1**	**d2**	**d3**	**FINISH**
3.510.01	A	76	50	-	-	28	28	30	-	-	11	6	6	6,5	11,5	Chrome
3.510.02	A	76	50	-	-	28	28	30	-	-	11	6	6	6,5	11,5	RAL9005
3.510.11	D	76	50	-	-	28	28	30	15	-	11	6	6	6,5	11,5	Chrome
3.510.12	D	76	50	-	-	28	28	30	15	-	11	6	6	6,5	11,5	RAL9005
3.510.21	E	76	50	-	-	28	28	30	15	15	11	6	6	6,5	11,5	Chrome
3.510.22	E	76	50	-	-	28	28	30	15	15	11	6	6	6,5	11,5	RAL9005
3.510.23 **	E	76	50	-	-	28	28	30	15	15	11	6	6	6,5	11,5	RAL9005 **
3.510.31	B	76	50	M6	11,5	28	28	30	-	-	11	6	6	-	-	Chrome
3.510.32	B	76	50	M6	11,5	28	28	30	-	-	11	6	6	-	-	RAL9005
3.ZN66.001-01	E	76	60	-	-	28	28	36	18	18	15	8	8	6,5	12,5	Chrome
3.ZN66.001-04	E	76	60	-	-	28	28	36	18	18	15	8	8	6,5	12,5	RAL9005
3.ZN66.001-05	E	76	60	-	-	28	28	36	18	18	15	8	8	6,5	12,5	RAL7035
3.ZN66.002-01	A	76	60	-	-	28	28	36	18	18	15	8	8	6,5	12,5	Chrome
3.ZN66.002-04	A	76	60	-	-	28	28	36	18	18	15	8	8	6,5	12,5	RAL9005
3.ZN66.002-05	A	76	60	-	-	28	28	36	18	18	15	8	8	6,5	12,5	RAL7035
3.ZN66.003-04	B	76	60	M6	12	28	28	36	-	-	15	8	8	-	-	RAL9005
3.ZN66.003-05	B	76	60	M6	12	28	28	36	-	-	15	8	8	-	-	RAL7035
3.513.11	A	120	60	-	-	45	45	36	-	-	15	8	8	8,4	15,5	Chrome
3.513.12	A	120	60	-	-	45	45	36	-	-	15	8	8	8,4	15,5	RAL9005
3.513.21	B	120	60	M8	15	45	45	36	-	-	15	8	8	-	-	Chrome
3.513.22	B	120	60	M8	15	45	45	36	-	-	15	8	8	-	-	RAL9005
3.513.31	C	120	60	M8	15	45	45	36	-	-	15	8	8	8,4	15,5	Chrome
3.513.32	C	120	60	M8	15	45	45	36	-	-	15	8	8	8,4	15,5	RAL9005

Material: **STAINLESS STEEL AISI 316**																
CATALOG NO.	**TYPE**	**L1**	**L2**	**c**	**h1**	**b1**	**b2**	**b3**	**b4**	**b5**	**t1**	**t2**	**d1**	**d2**	**d3**	**FINISH**
3.510.0SN	A	76	50	-	-	28	28	30	-	-	11,5	6	6	6,6	13,5	-
3.510.3SN	B	76	50	M6	12	28	28	30	-	-	11,5	6	6	-	-	-
3.513.1SN	A	120	60	-	-	45	45	36	-	-	15	8	8	8,4	18,3	-

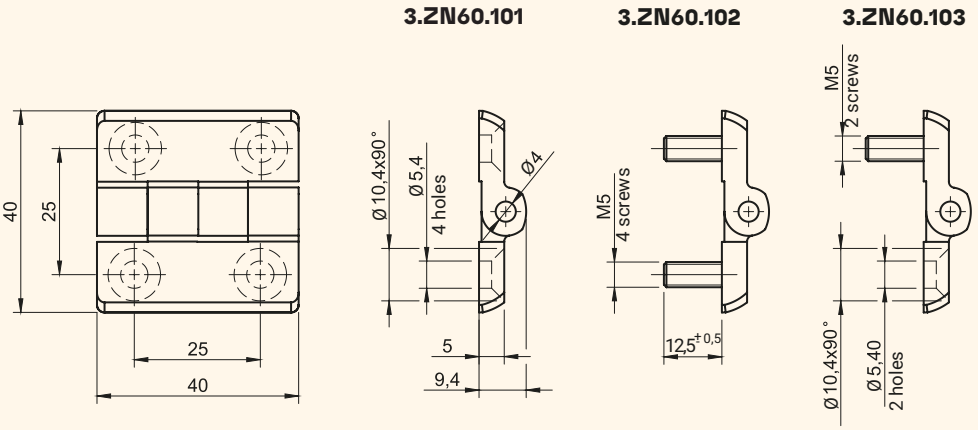
Polyamide hinge 3.ZN30, 3.ZN60, 3.ZN65





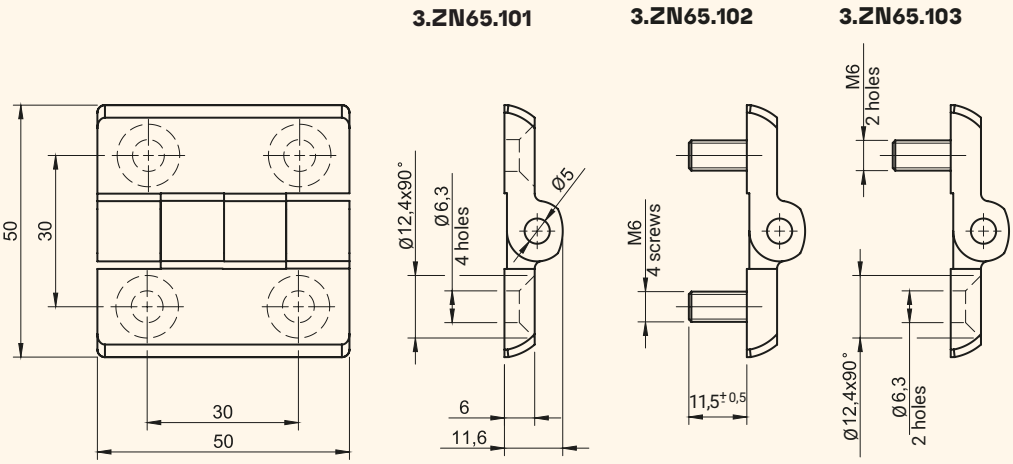
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.ZN30.101	Holder, Base	Polyamide	07
3.ZN30.102	Pin	Stainless steel	--
3.ZN30.103	Screws	Steel zinc plated	





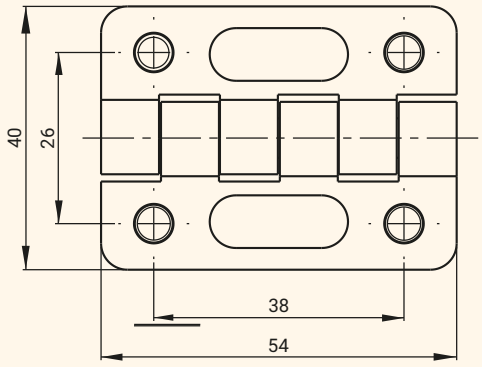
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.ZN60.101	Holder,	Polyamide	07
3.ZN60.102	Base Pin	Stainless steel	
3.ZN60.103	Screws	Stainless steel	--

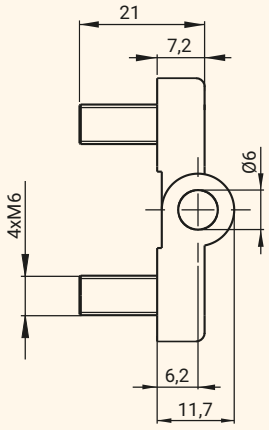




CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.ZN65.101	Holder,	Polyamide	07
3.ZN65.102	Base Pin	Stainless steel	
3.ZN65.103	Screws	Steel zinc plated	--

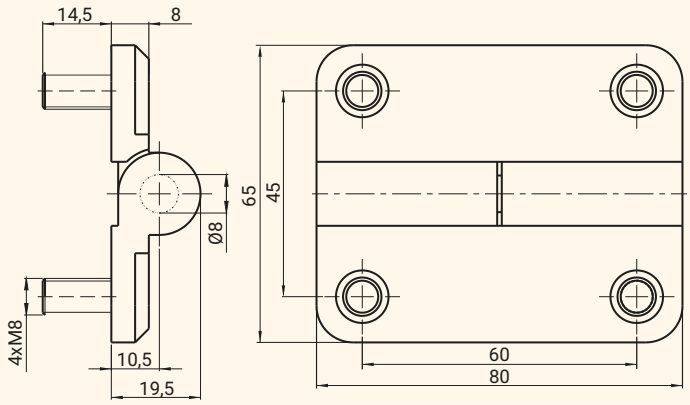
Hinge 3.ZN68, 3.ZN67







CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.ZN68.001*	Holder, Base	ZAMAK 5	04
	Pin	Steel zinc plated	







VERSION LEFT
3.ZN67.002
3.ZN67.004



VERSION RIGHT
3.ZN67.001
3.ZN67.003

* possibility to order stainless steel pin.

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
3.ZN67.001*	Holder, Base	ZAMAK 5	04	-
3.ZN67.002*	Pin	Steel zinc plated		
3.ZN67.003*	Holder, Base	ZAMAK 5	-	05
3.ZN67.004*	Pin	Steel zinc plated		

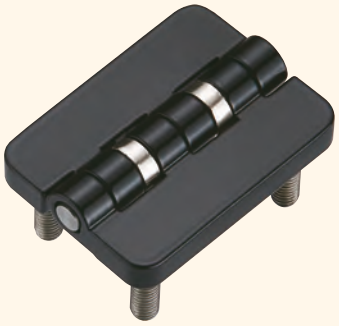
How to order:

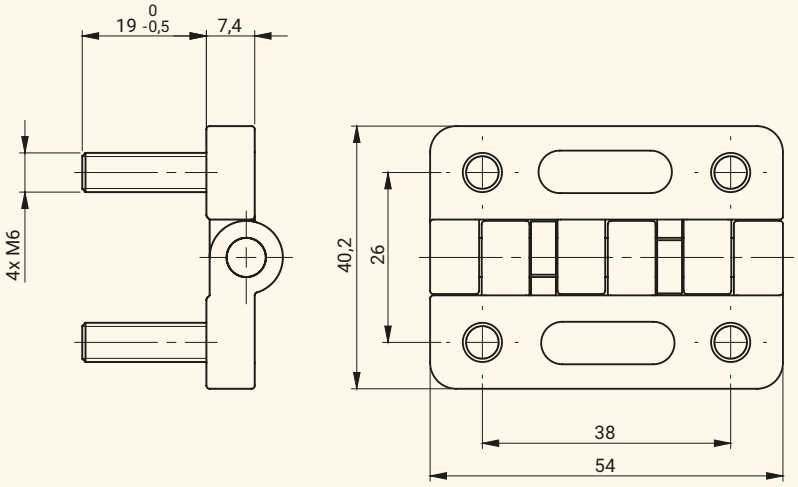
3.ZN67.001 — C

Catalogue number

Finish

Hinge 3.543

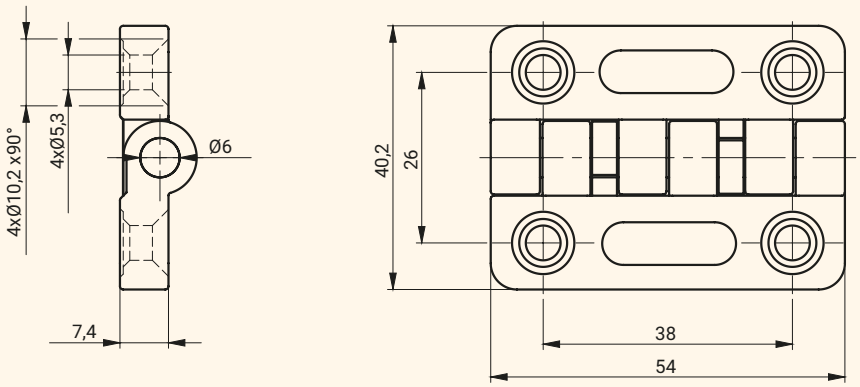




Type	Friction torque
3.543.001	47kg.cm +- 15%
3.543.002	12kg.cm +- 15%

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.543.001 **3.543.002**	Holder, Base	ZAMAK5	04
	Pin	Stainless steel	-





Type	Friction torque
3.543.101	47kg.cm +-15%
3.543.102	12kg.cm +-15%

Hinges with linear course of frictional resistance.

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL
3.543.101	Holder, Base	ZAMAK5	9005 04
3.543.102	Holder, Base	ZAMAK5	04

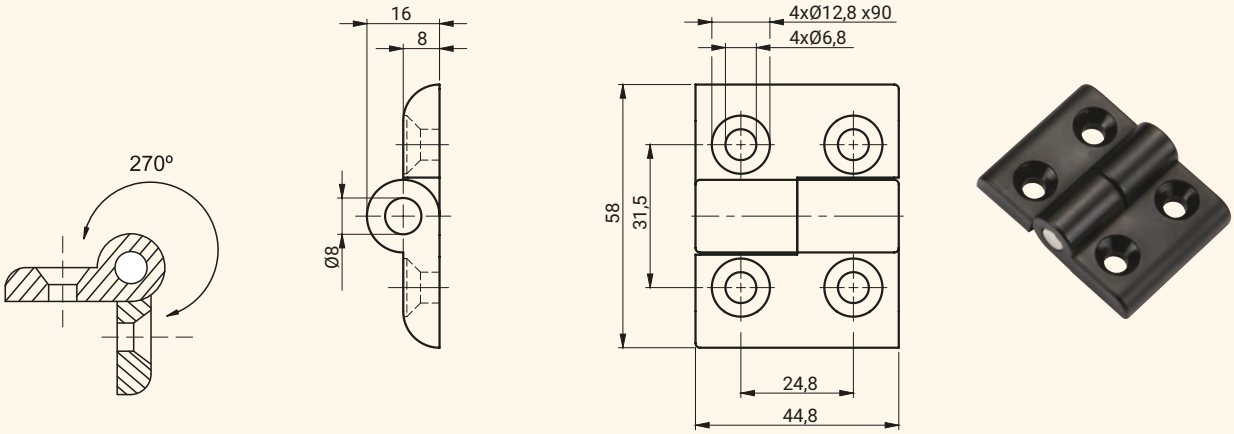
How to order:

3.543.001 — C

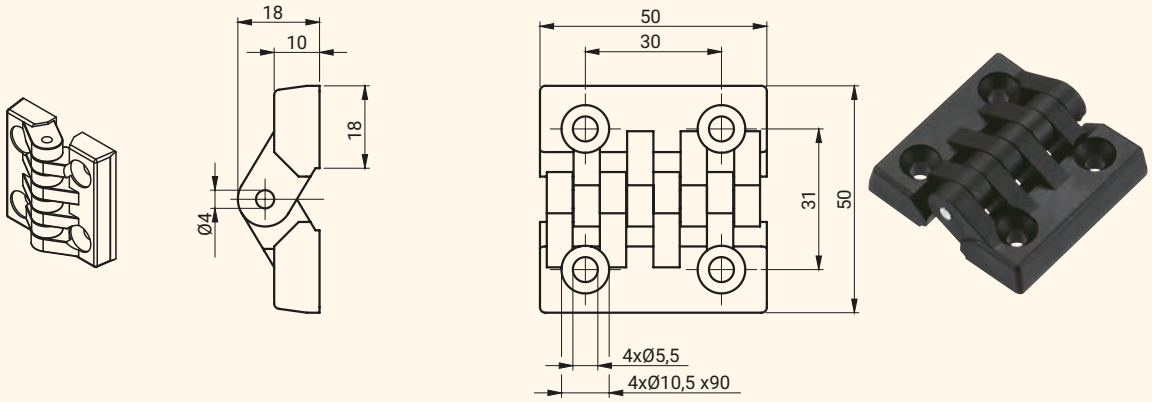
Catalogue number

Finish

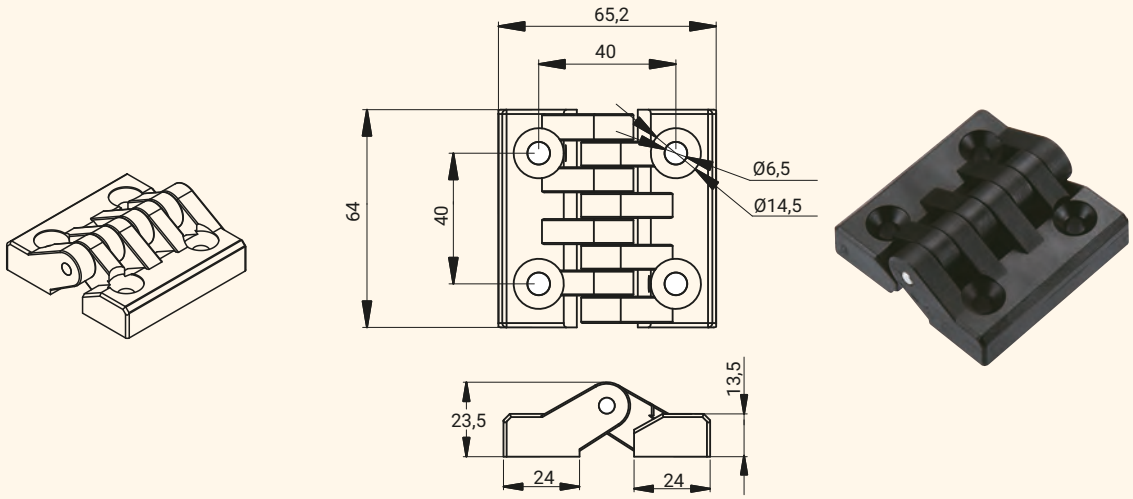
Hinge 3.544, 3.545



CATALOGUE NO.	VERSION	COMPONENTS	MATERIAL	FINISH [C]
				RAL
3.544.001	Right	Holder, Base	Polyamide	9005 07
3.544.002	Left			-



CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL
3.545.001	Holder, Base	Polyamide	9005 07
	Pin	Steel zinc plated	-



CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.545.002	Holder, Base	Polyamide	07
	Pin	Steel zinc plated	-

How to order:

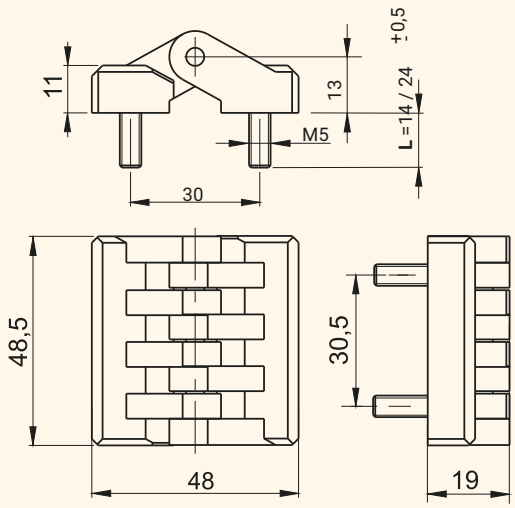
3.545.001 — C

Catalogue number

Finish

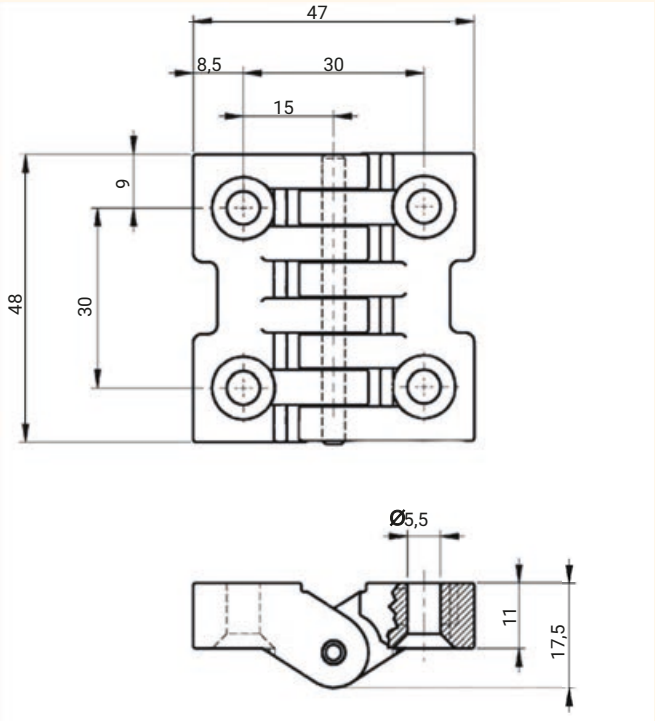
Hinge 3.ZN48-PA, 3.527





CATALOGUE NO.	DIMENSION L	COMPONENTS	MATERIAL	FINISH [C]
				RAL 9005
3.ZN48-PA.001	14	Holder, Base	Polyamide Pa6	07
3.ZN48-PA.101	24	Pin, Studs	Steel zinc plated	
3.ZN48-PA.102 SN	14	Holder, Base	Polyamide Pa6	
3.ZN48-PA.103 SN	24	Pin, Studs	Stainless steel	





CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
3.527.001	Holder, Base	Polyamide	07	08
	Pin	Steel zinc plated		

How to order:

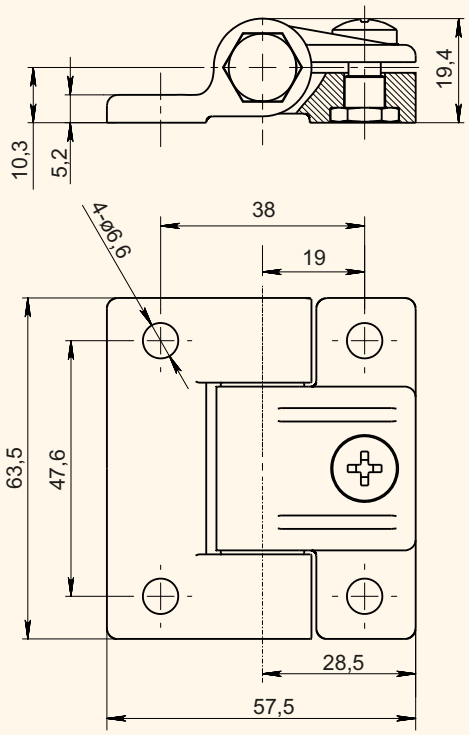
3.527.001 — C

Catalogue number

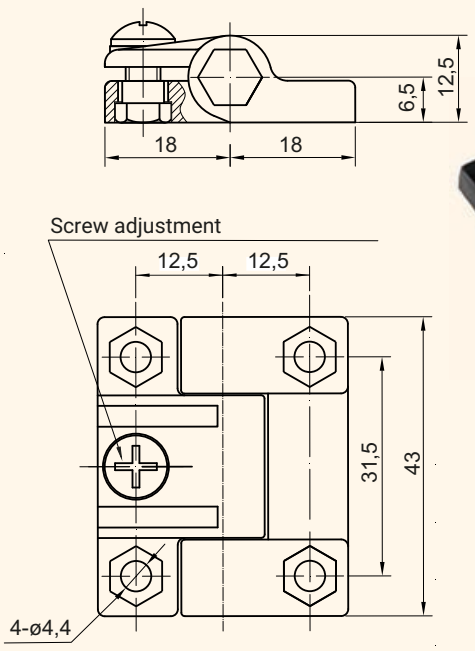
Finish

Hinge 3.516, 3.526

3.516.001



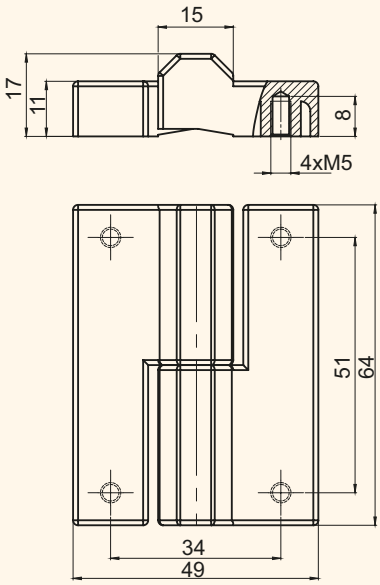
3.516.002

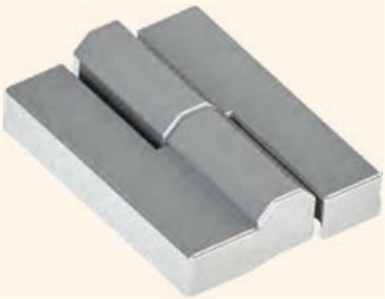




CATALOGUE NO.	Maximum Working Torque
3.516.001	2.5N.m
3.516.002	0.7N.m

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.516.001	Holder, Base	Polyamide	07
3.516.002	Pin	Polycarbonate	-





CATALOGUE NO.	VERSION	COMPONENTS	MATERIAL	FINISH [C]		
				Chrome	RAL9005	RAL7035
3.526.001	RIGHT	Holder, Base	ZAMAK 5	01	04	05
3.526.002	S LEFT	Pin	Steel zinc plated			

How to order:

3.526.001 — C

Catalogue number

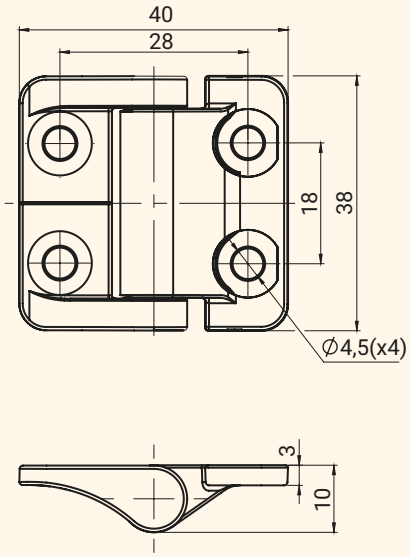
Finish

Hinge 3.571, 3.572

NEW

Hinge with constant torque





CATALOGUE NO.	TORQUE	COMPONENTS	MATERIAL	FINISH [C]
				RAL9005
3.571.001	0,9 Nm	Base, Cover	ZAMAK 5	04
3.571.002	1,4 Nm			

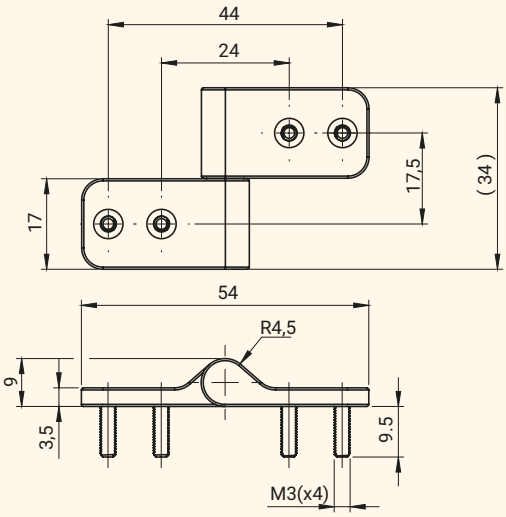
NEW



VERSION A



VERSION B



* Nominal torque deviation: ±20% at 10,000 cycles.

CATALOGUE NO.	VERSION	TORQUE	COMPONENTS	MATERIAL	FINISH [C]	
					RAL9005	RAL7035
3.572.001	A	0,45 Nm*	Holder, Base	ZAMAK 5	04	05
3.572.101	B					
3.572.002	A	0,65 Nm*				
3.572.102	B		Pin	Steel zinc plated		
3.572.003	A	0,85 Nm*				
3.572.103	B					

How to order:

3.572.001 — C

Catalogue number

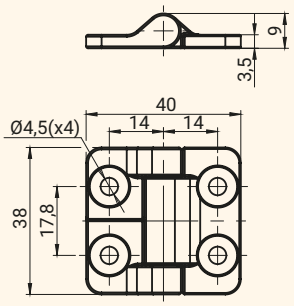
Finish

Hinge 3.573, 3.574, 3.575

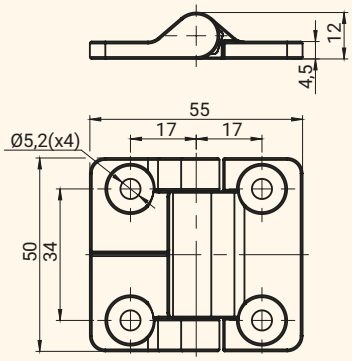
NEW

Hinge with constant torque

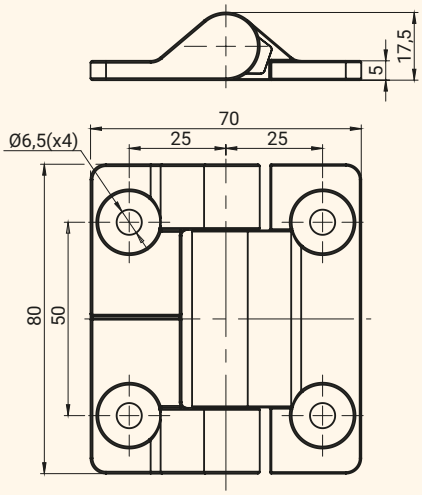
3.573.00X



3.574.00X

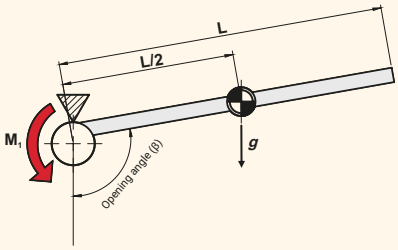


3.575.00X





Example of hinge selection:
Opening angle: β = 120° Door length: L = 0.5 m
Door weight: m = 1.5 kg Acceleration due to gravity: g = 9.81 m / s2 Torque: M = 1.4 Nm
Number of hinges: n =?



Formula

$$M = \left(\frac{L * m * g * \sin \beta}{2}\right)$$

Result: 1.86 Nm = 2
HINGES

* Nominal torque deviation: ±20% at 10,000 cycles.

CATALOGUE NO.	TORQUE	CATALOGUE NO.	TORQUE	CATALOGUE NO.	TORQUE
3.573.001	0,9 Nm	**3.574.001**	from 1,5 Nm to 3,5 Nm	**3.575.001**	2,5 Nm
		3.574.002		**3.575.002**	4 Nm
3.573.002	1,4 Nm	**3.574.003**		**3.575.003**	5 Nm
		3.574.004		**3.575.004**	7,5 Nm
3.573.003	1,8 Nm	**3.574.005**		**3.575.005**	9 Nm

COMPONENTS	MATERIAL	FINISH [C]	
		RAL9005	RAL7035
Base, Cover	ZAMAK 5	04	05

How to order:
Catalogue number
Finish

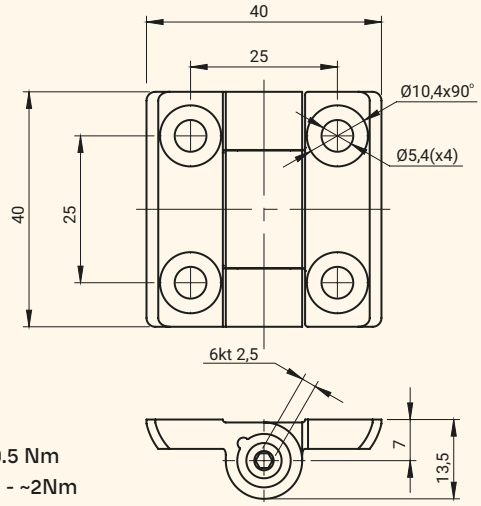
3.573.00X — C

Hinge 3.570, 3.ZN200

NEW

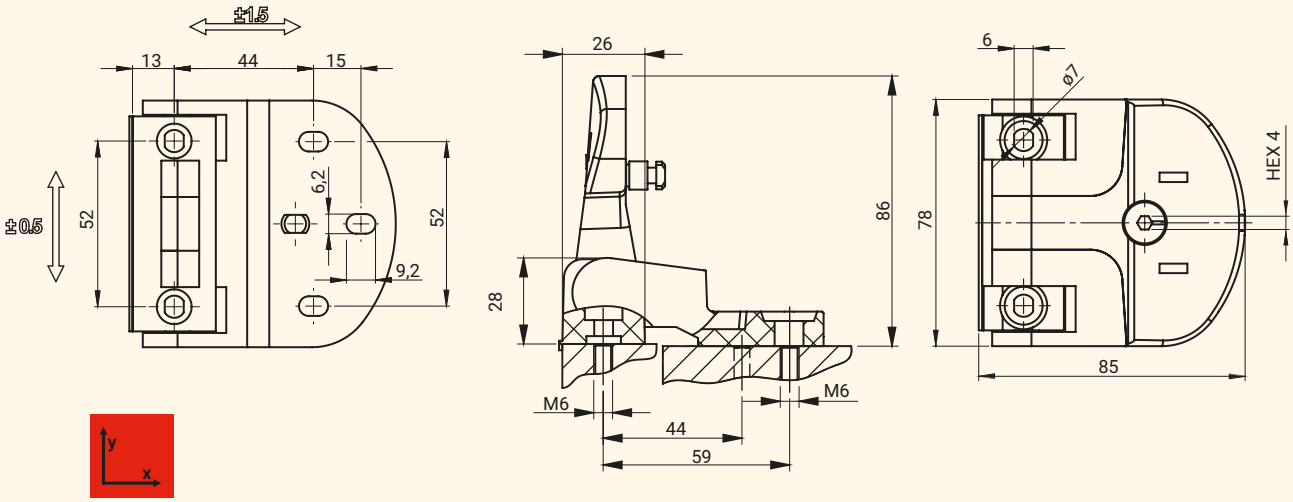


Hinge with adjustable torque

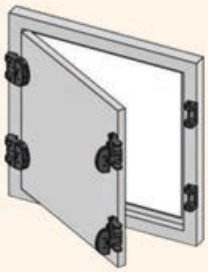


Max. screw tightening torque - 0.5 Nm
Torque at max. screw tightening - ~2Nm

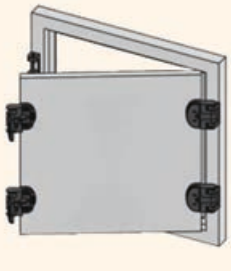
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL9005
3.570.001	Base, Cover	ZAMAK 5	04



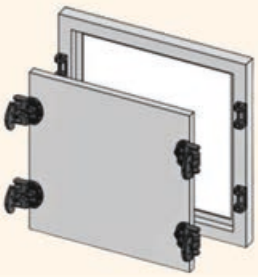




Opening the left



Opening the right



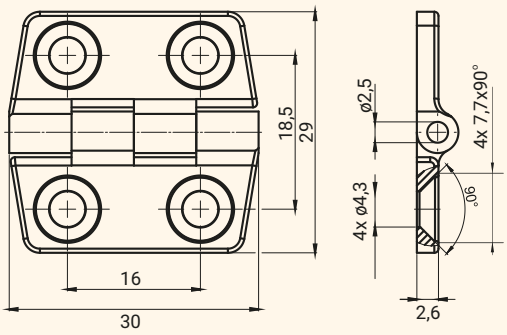
Removing the door

CATALOGUE NO.	DETAIL	MATERIAL	FINISH [C]
			RAL 9005
3.ZN200.001	Hinge with lock function	Polyamide	07

How to order:

3.ZN200.001	—	07
Catalogue number		
Finish		

Hinge 3.ZN10, 3.ZN105

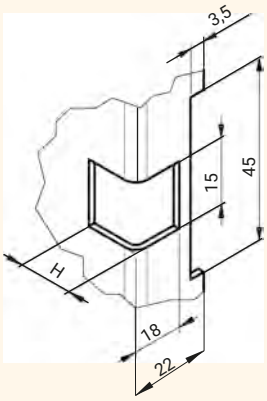


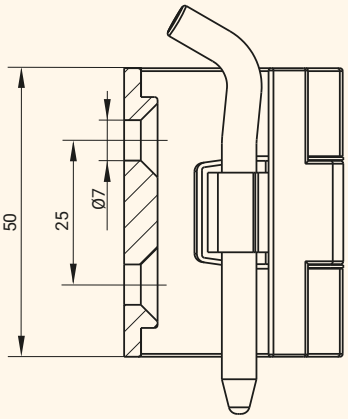


CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.ZN10.001	Holder,	ZAMAK5	04
	Base, Pin	Steel zinc plated	

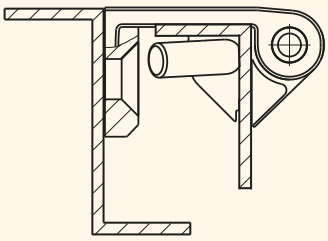
How to order:
Catalogue number
Finish

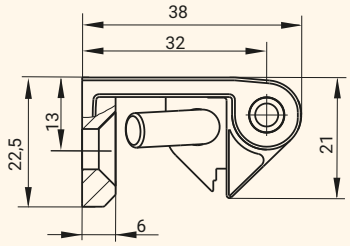
3.ZN10.001 — 04











H [mm]	APPLICATION
13	only sheets 1,5 mm
15	only sheets 2 mm

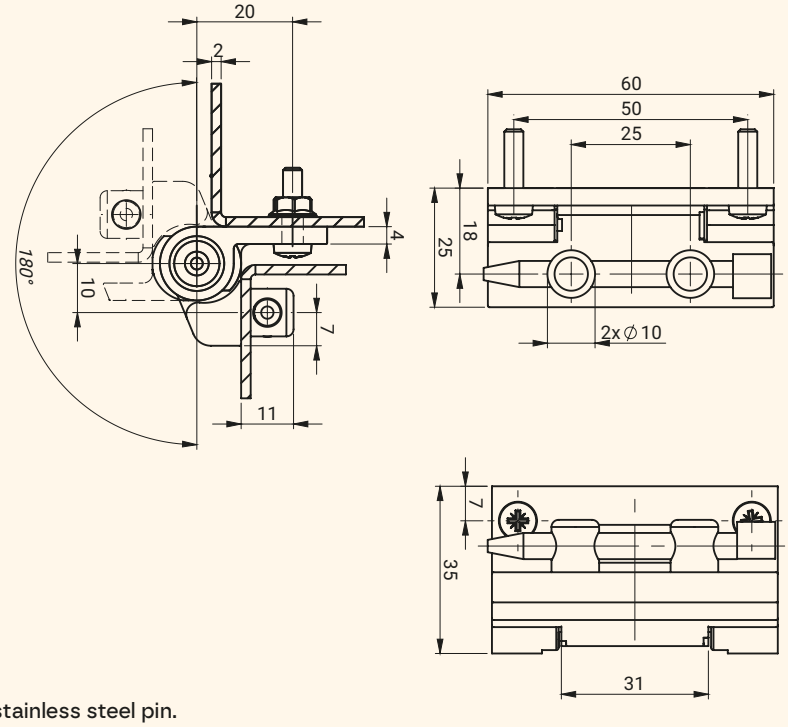
* possibility to order stainless steel pin.

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]		
			Chrome	RAL 9005	RAL 7035
3.ZN105.001*	Holder, Base	ZAMAK 5	01	04	05
	Pin	Steel zinc plated			

How to order:
Catalogue number
Finish

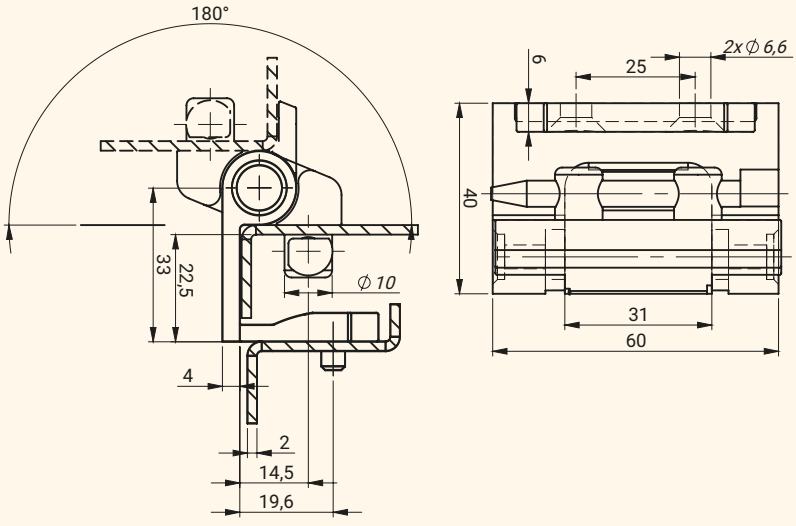
3.ZN105.001 — C

Hinge 3.529, 3.530



* possible to order stainless steel pin.

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			Chrome	RAL 9005
3.530.001** **3.529.001***	Holder, Base	ZAMAK 5	01	04
	Pin	Steel zinc plated*		



** possible to order polyamide pin.

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			Chrome	RAL 9005
	Holder, Base	ZAMAK 5	01	04
	Pin	Steel zinc plated		

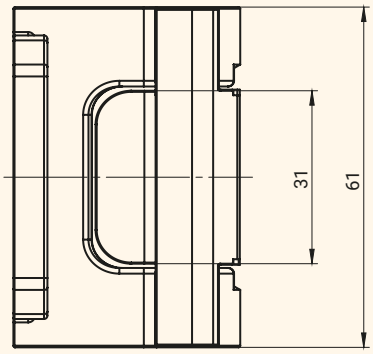
How to order:

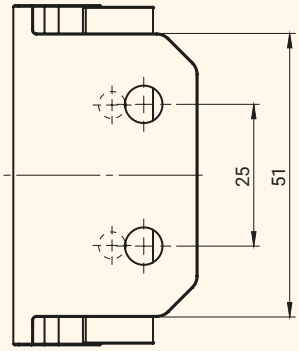
3.530.001 — C

Catalogue number

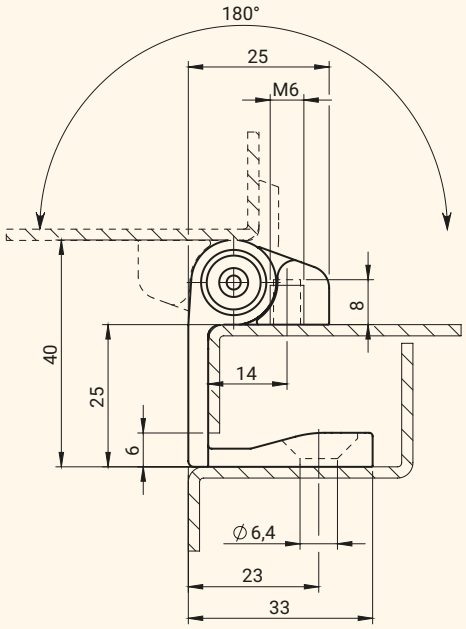
Finish

Hinge 3.530.002







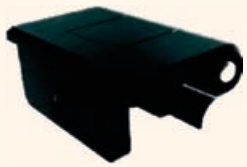


CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH	
			[C]	RAL 9005
3.530.002	Holder, Base	ZAMAK 5	Chrome 01	04
	Pin	Polyamide	-	-

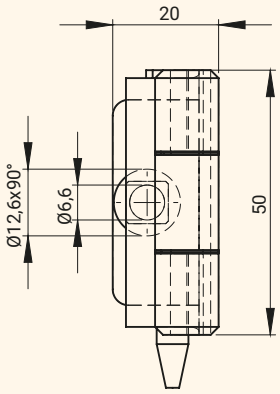
How to order:
Catalogue number
Finish [C]

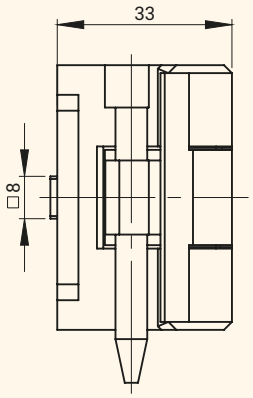
2.530.002 — 01

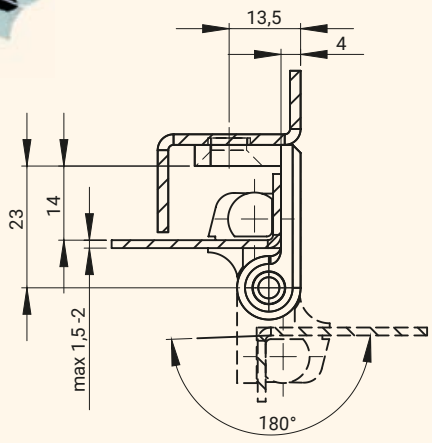
Hinge 3.532, 3.536

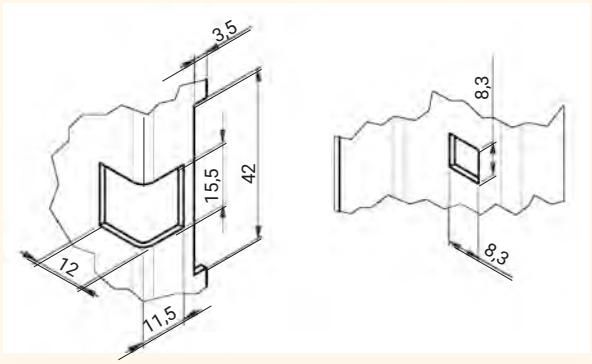








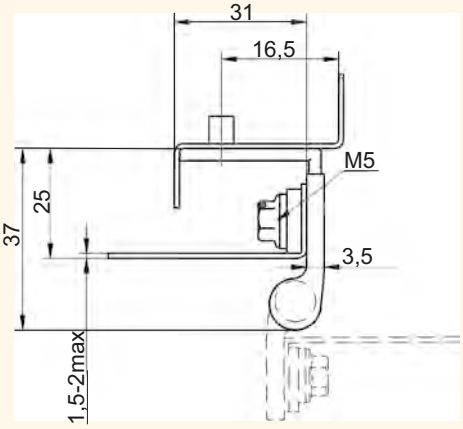


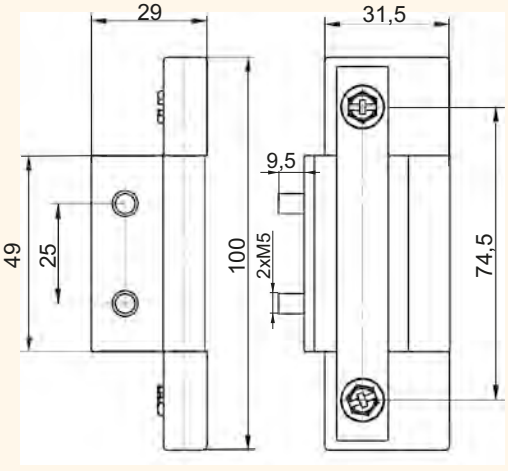


CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			Chrome	RAL 9005
3.532.001*	Holder, Base	ZAMAK 5	01	04
	Pin	Steel zinc plated		

270°







* possibility to order with polyamide pin

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			Chrome	RAL 9005
3.536.001	Holder	ZAMAK 5	01	04
	Base	Steel zinc plated		

How to order:

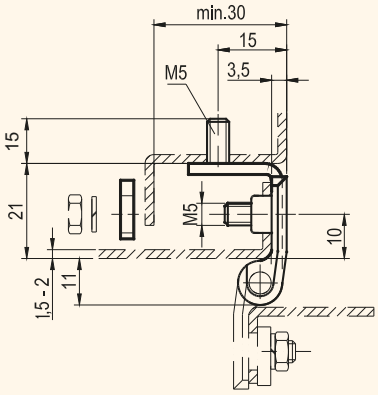
3.532.001 — C

Catalogue number

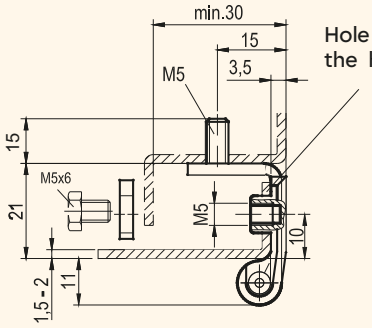
Finish

Hinge 3.ZN120

3.ZN120.001

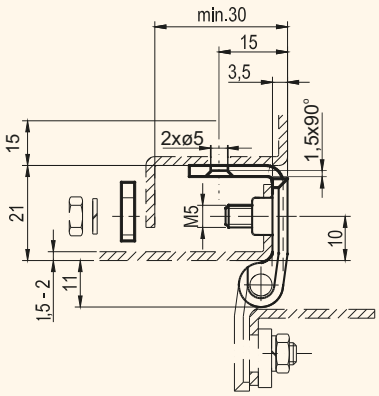


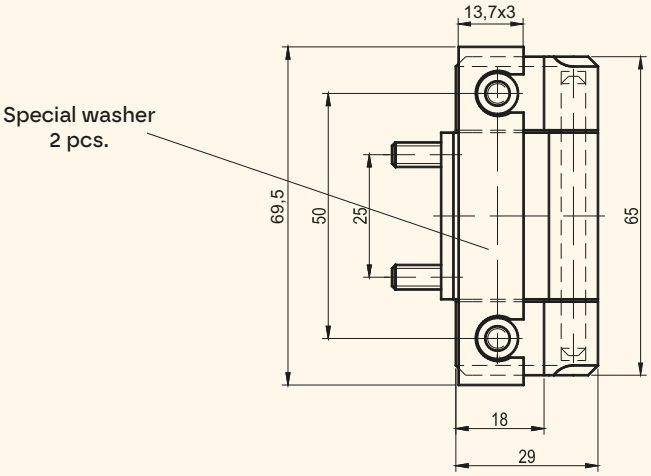
3.ZN120.002

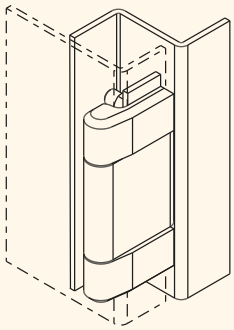




3.ZN120.005







Note:
When using the hinge to sheet a thickness of 1 mm, should order special washer having a thickness of 1 mm

CATALOGUE NO.	VERSION	COMPONENTS	MATERIAL	FINISH [C]	
				RAL 9005	RAL 7035
3.ZN120.001	Stud M5	Holder	ZAMAK 5	04	05
3.ZN120.002	Hole M5	Pin, Base	Steel zinc plated		
3.ZN120.005	Hole M5	Pin, Base	Steel zinc plated		

How to order:

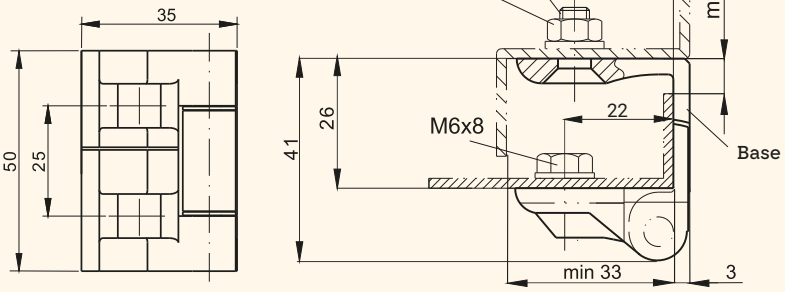
3.ZN120.001 — C

Catalogue number

Finish

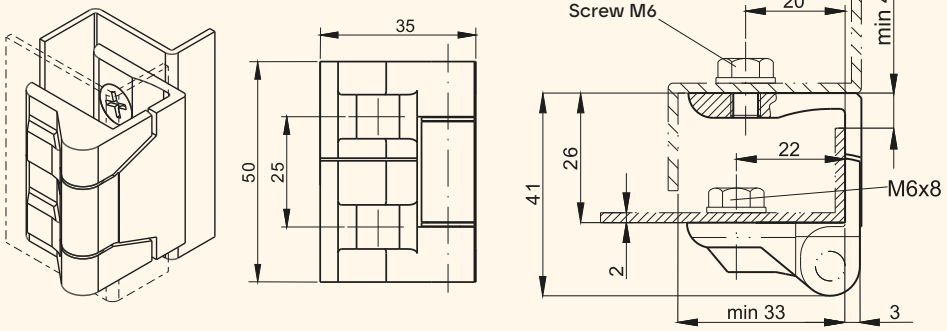
Hinge 3.ZN130



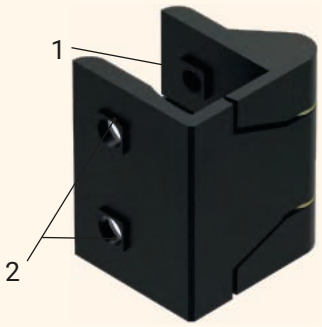


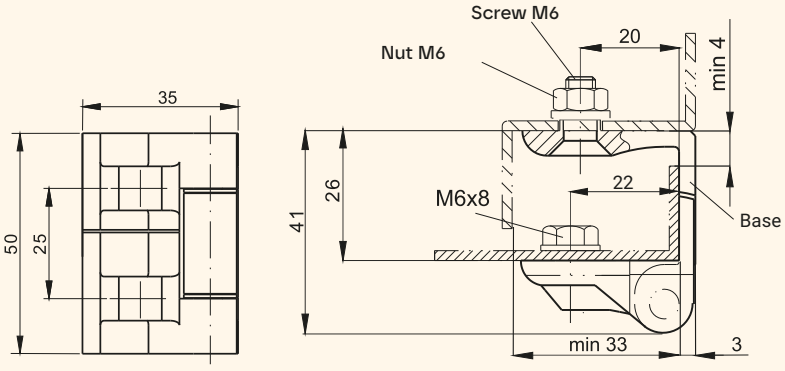
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
3.ZN130.001	Holder	ZAMAK 5	04	05
	Base	ZAMAK 5		
	Pin	Steel zinc plated		





CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
3.ZN130.002	Holder	ZAMAK 5	04	05
	Base	ZAMAK 5		
	Pin	Steel zinc plated		





1. Holder with shoulder □ 8x1mm in standard version
2. Base with shoulder □ 8x1mm in version 3.ZN130.003

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
3.ZN130.003	Holder	ZAMAK 5	04	05
	Base	ZAMAK 5		
	Pin	Steel zinc plated		

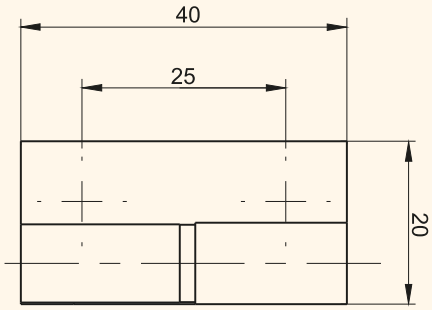
How to order:

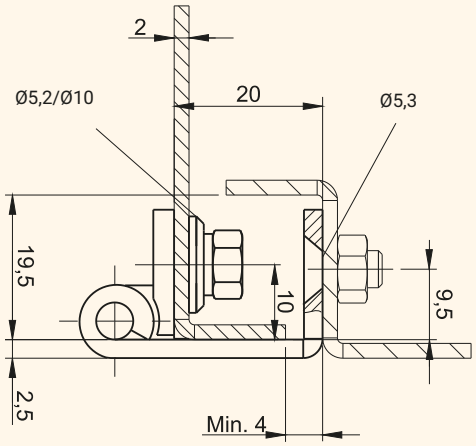
3.ZN130.001 — C

Catalogue number

Finish

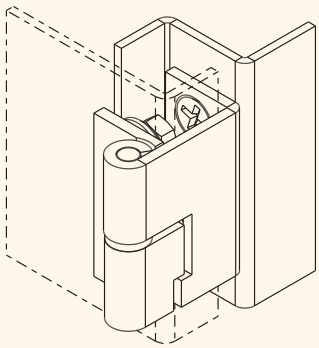
Hinge 3.ZN140

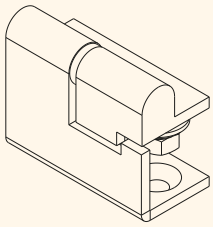


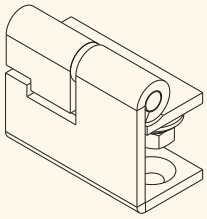












3.ZN140.001
RIGHT VERSION

3.ZN140.002
LEFT VERSION

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
3.ZN140.001	Holder	Brass	04	05
	Base	Steel zinc plated		
	Pin	Steel zinc plated		
3.ZN140.001SN	Holder, Base, Pin	Stainless steel	-	-
3.ZN140.002	Holder	Brass	04	05
	Base	Steel zinc plated		
	Pin	Steel zinc plated		
3.ZN140.002SN	Holder, Base, Pin	Stainless steel	-	-

How to order:
Catalogue number
Finish

3.ZN140.001 — C

Hinge 3.ZN210.003

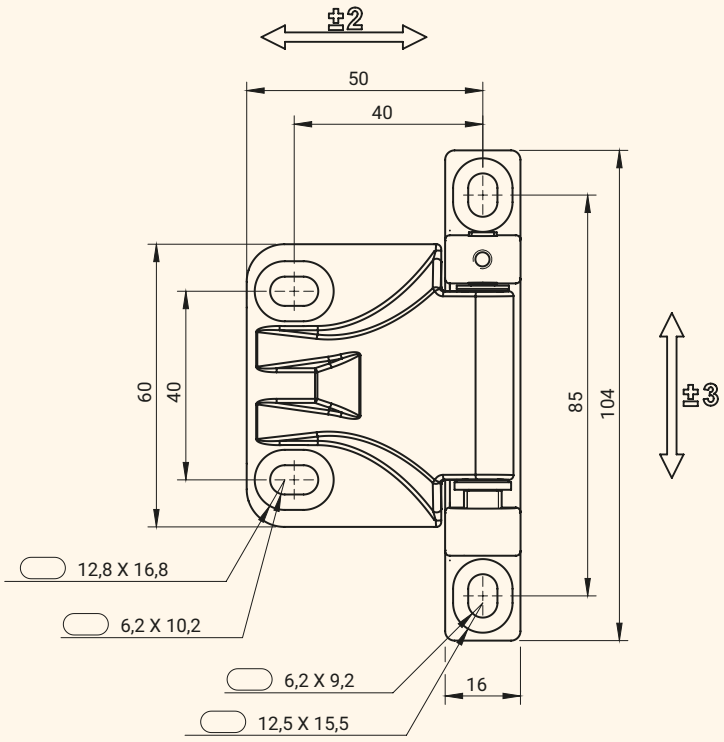


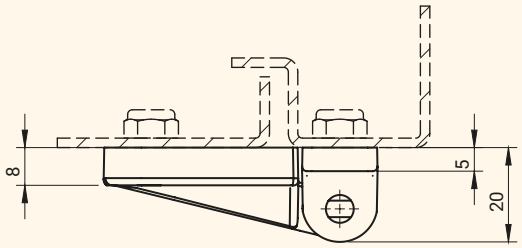


3.ZN210.003P



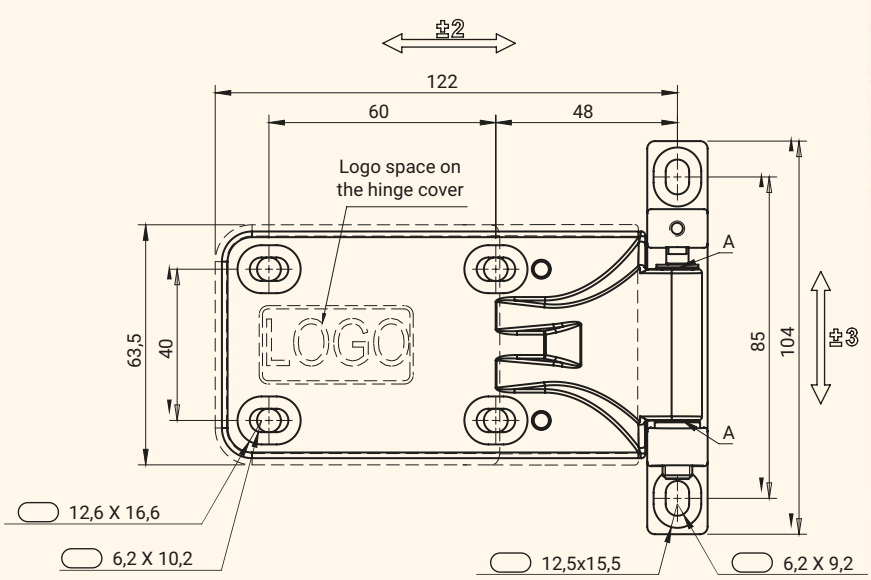
3.ZN210.003L





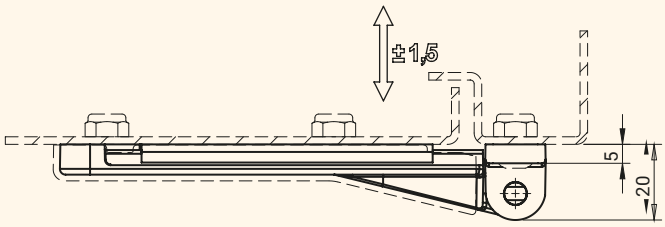
CATALOGUE NO.	VERSION	COMPONENTS	MATERIAL	FINISH [C]
				RAL 9005
3.ZN210.003P 3.ZN210.003L	Right Left	Holder, Base	ZAMAK 5	04
		Pin	Stainless steel	-

Hinge 3.ZN210.001





3.ZN210.001P





3.ZN210.001L



A - axis of the hinge with plastic sleeves.

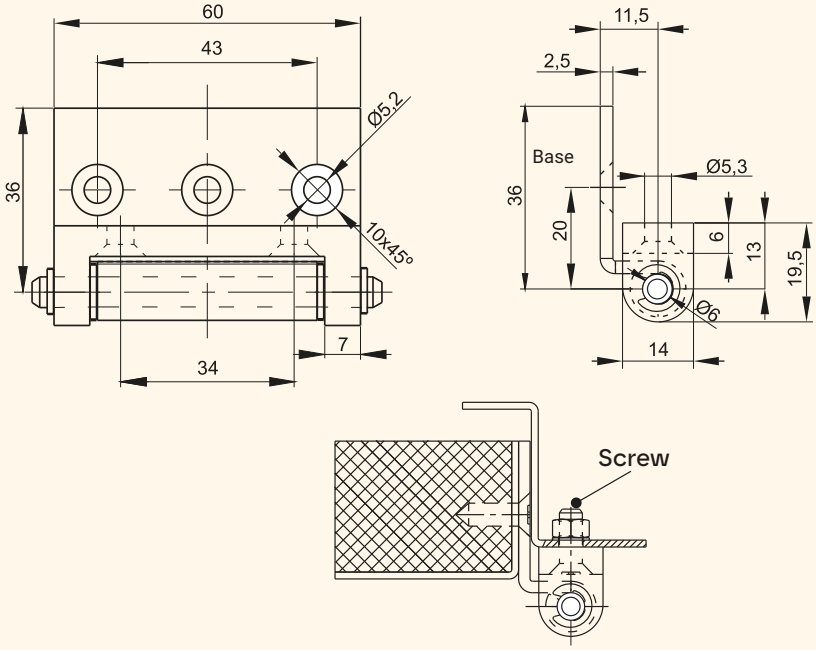
The hinge position can be adjusted in three axes - the adjustment ranges are shown in the drawing.

Hinge cover 3.ZN210.002 to be ordered separately.

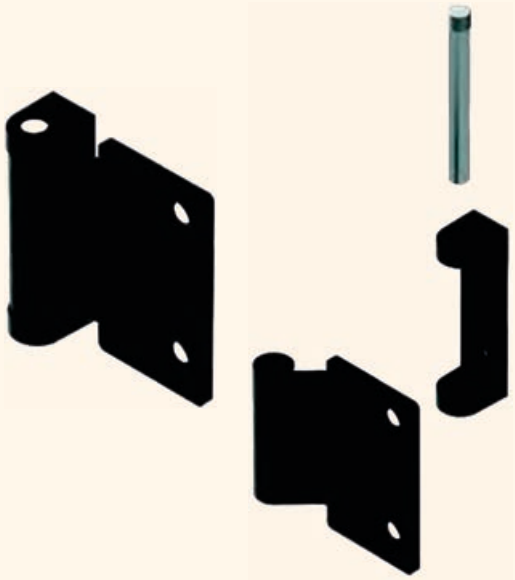
CATALOGUE NO.	VERSION	COMPONENTS	MATERIAL	FINISH [C]
				RAL 9005
3.ZN210.001P **3.ZN210.001**L	Right Left	Holder, Base	ZAMAK 5	04
		Pin	Stainless steel	-
3.ZN210.002	Hinge cover		Polyamide	07

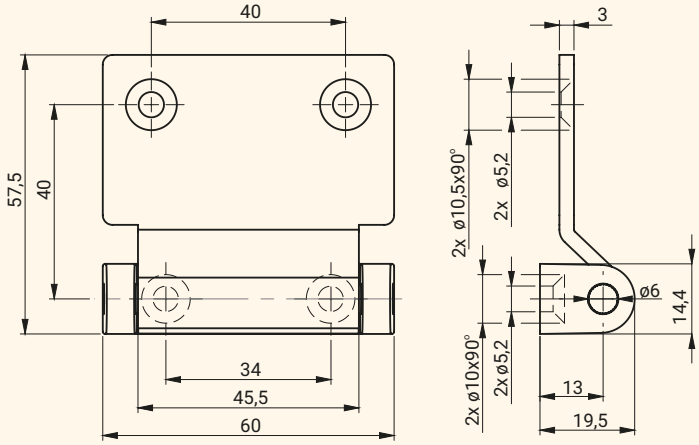
Hinge 3.ST42





CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST42.001	Holder	Steel zinc plated
	Base	ZAMAK 5
	Pin	Steel zinc plated





Note:
The hinge supplied as separate parts, handle with foot joint by pushing the pin after mounting the handle.

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.ST42.005	Holder	Steel zinc plated	04
	Base	ZAMAK5	
	Pin	Stainless steel	-
3.ST42.005SN	Holder	Stainless steel	04
	Base	ZAMAK5	
	Pin	Stainless steel	-

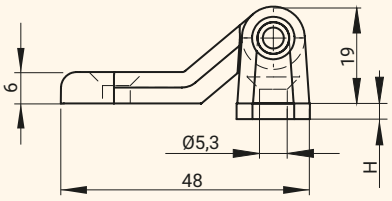
How to order:

3.ST42.005 — C

Catalogue number

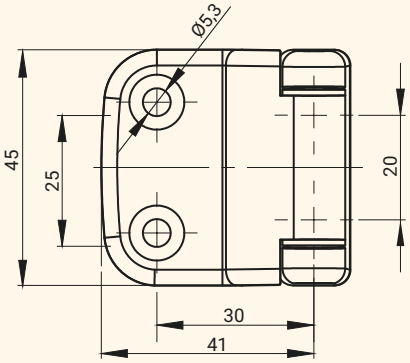
Finish

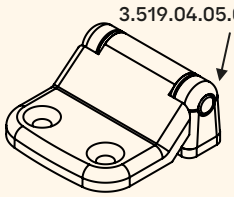
Hinge 3.519, 3.514SN

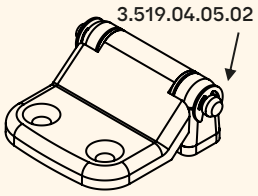


Height **H** adjusted by distance rings









Bolt version	Z
Knurled pin	01
Pin with groove for circlip (included)	02

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			Chrome	RAL9005
3.519.C.X.Z	Holder,	ZAMAK 5	01	04
	Base Pin	Stainless steel	-	-
	Sleeve	POM	-	-

How to order :

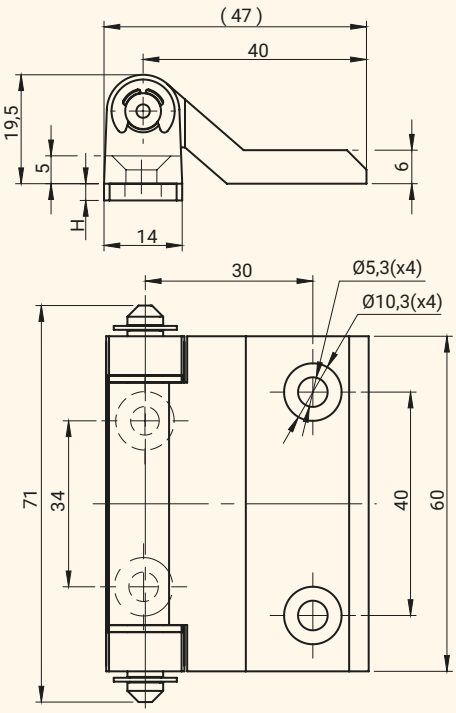
3.519.04.05.01

Hinge code
Finish
Height H Bolt version [Z]

H [mm]	0	3	5	8	10	15
X	00	03	05	08	10	15

NEW





CATALOGUE NO.	COMPONENTS	MATERIAL
3.514.001SN	Holder, Base, Pin	Stainless steel (AISI 316)

How to order :

3.514.001SN.05

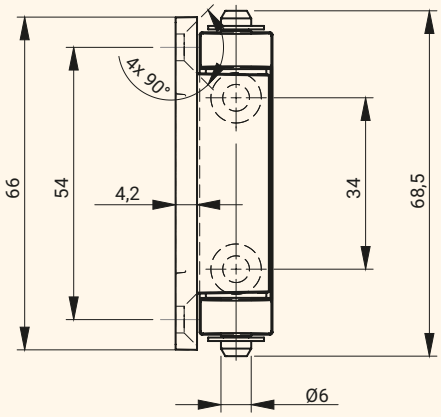
Catalogue number
Height H [X]

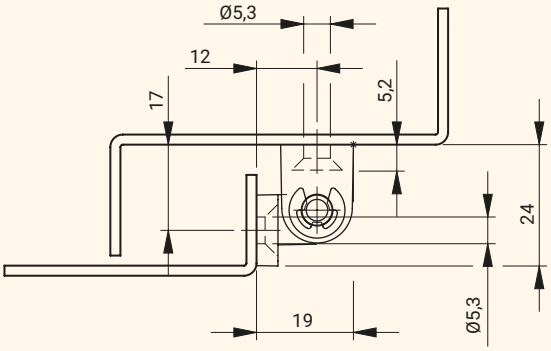
H [mm]	0	3	5	8	10	15
X	00	03	05	08	10	15

Hinge 3.531



3.531.001

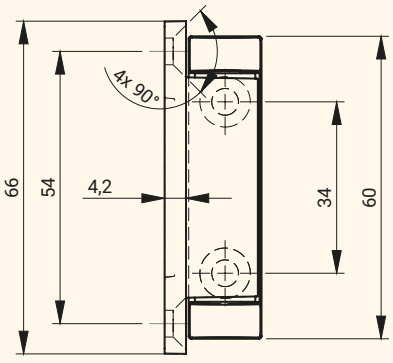


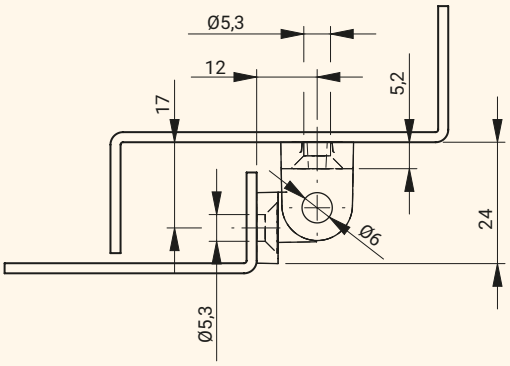


Insert fastening
Collecting plate

3.531.002







Insert fastening
Knurled

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			Chrome	RAL9005
3.531.001 **3.531.002**	Holder, Base	ZAMAK 5	01	04
	Pin	Steel zinc plated		

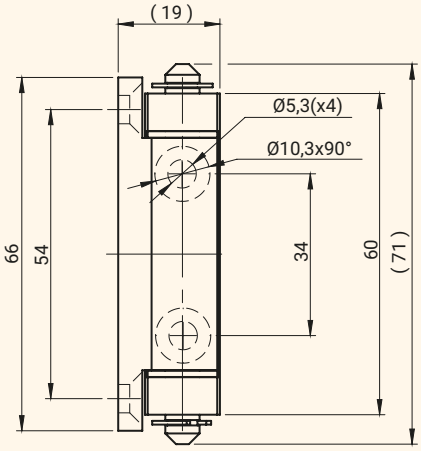
How to order:

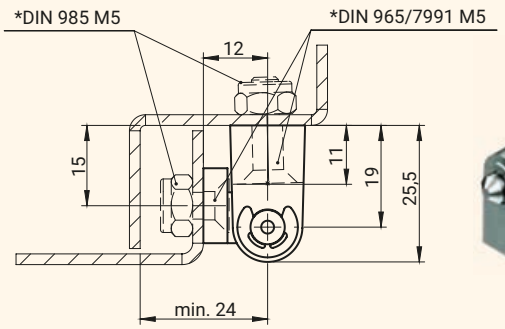
3.531.001	—	C

Catalogue number

Finish

Hinge 3.515SN, 3.ZN170SN, 3.ZN171



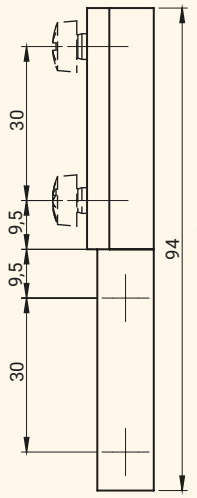


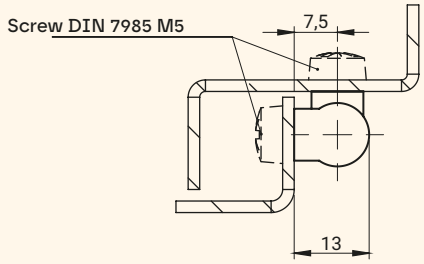


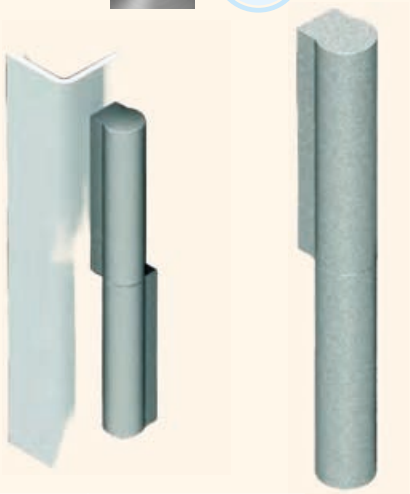
stainless steel NEW

* not included in the scope of delivery.

CATALOGUE NO.	COMPONENTS	MATERIAL Stainless	FINISH [C]
3.515.001SN	Holder, Base, Pin	steel (AISI 316)	-

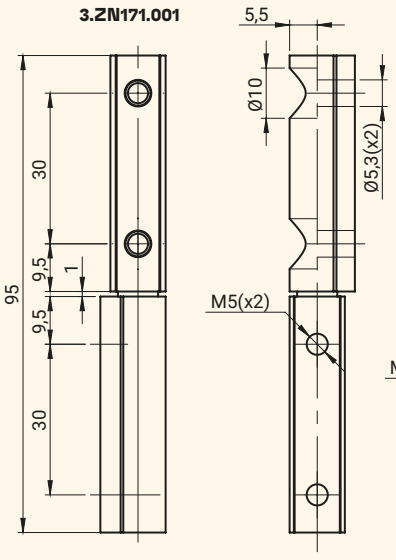


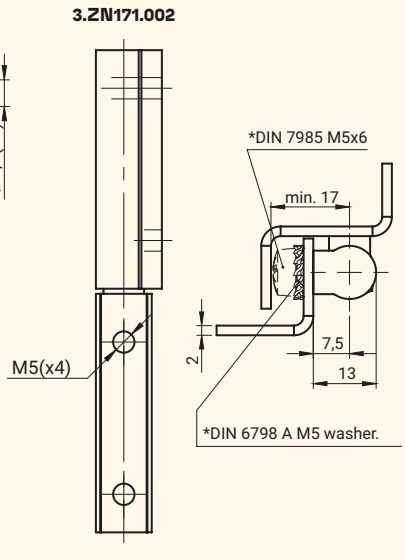


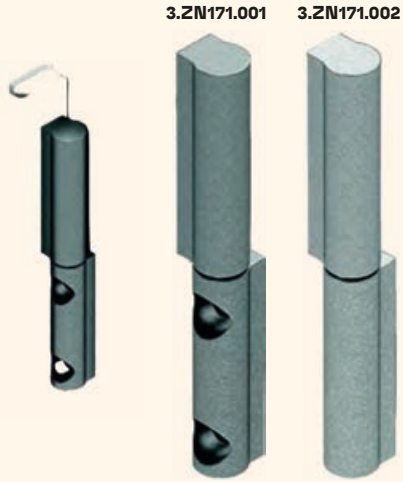


stainless steel NEW

CATALOGUE NO.	COMPONENTS	MATERIAL Stainless	FINISH [C]
3.ZN170.001SN	Holder, Base, Pin	steel (AISI 316)	-







NEW

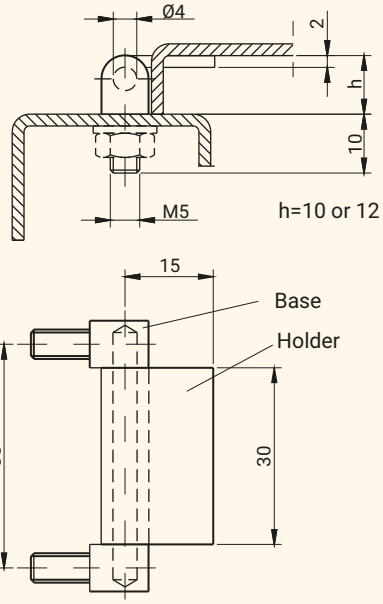
* not included in the scope of delivery.

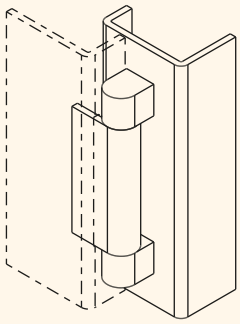
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
3.ZN171.001	Holder, Base	Steel zinc plated	-
3.ZN171.002	Holder, Base	Steel zinc plated	-

Hinge 3.ST23, 3.535

stainless steel







h [mm]	10	12
	00	01

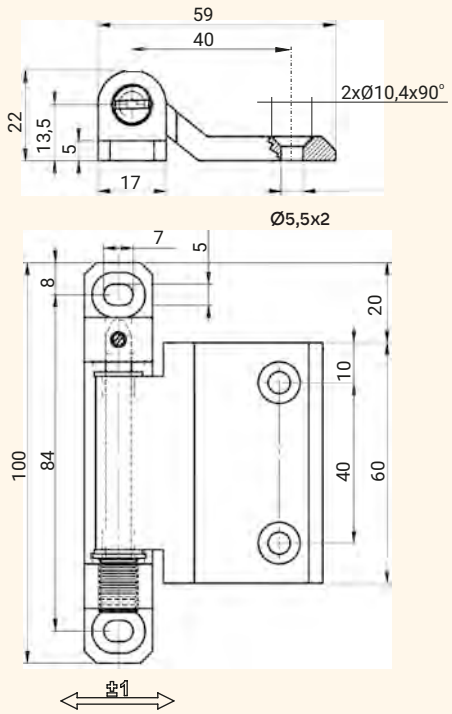
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST23.001	Holder	Steel zinc plated
	Base, Pin	Steel zinc plated
3.ST23.001SN	Holder	Stainless steel
	Base, Pin	Stainless steel

How to order:
Catalogue number
Height h

3.ST23.001 — 00

x



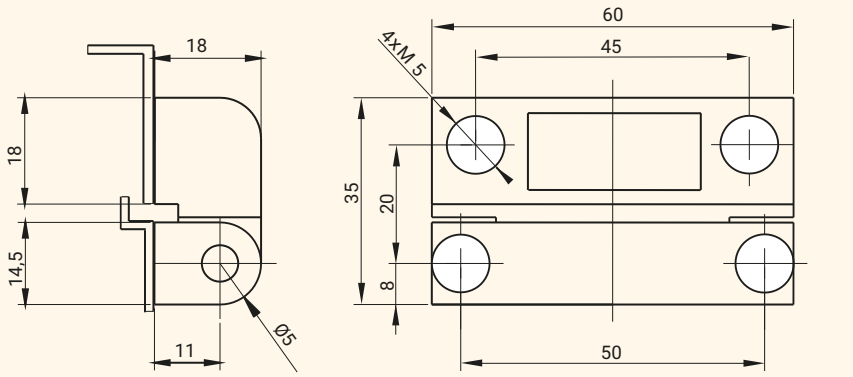


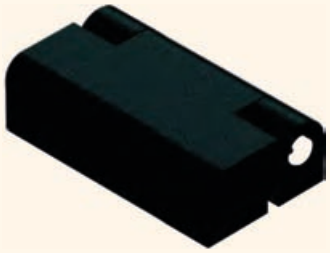
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			Chrome	RAL 9005
3.535.001	Holder	ZAMAK 5	01	04
	Base	ZAMAK 5		

How to order:
Catalogue number
Finish

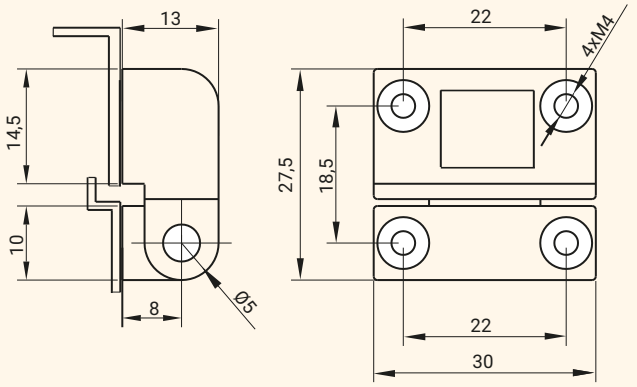
3.535.001 — C

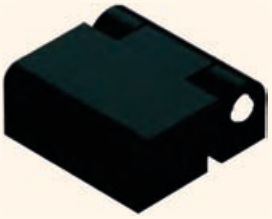
Hinge 3.517



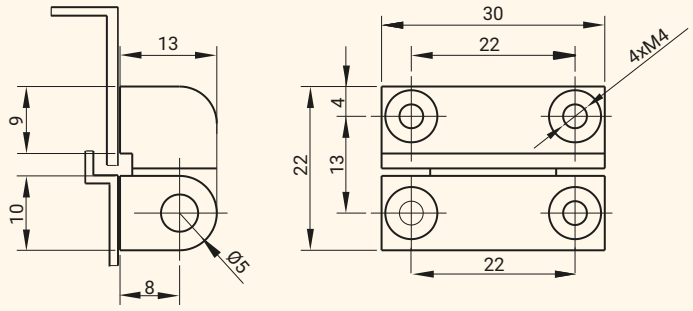


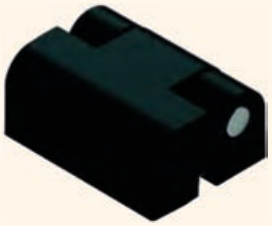
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL9005
3.517.001	Holder,	ZAMAK 5	04
	Base Pin	Steel zinc plated	-





CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			Nickel	RAL9005
3.517.002	Holder, Base	ZAMAK 5	02	04 -
	Pin	Steel zinc plated	-	





CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			Nickel	RAL9005
3.517.003	Holder, Base	ZAMAK 5	02	04
	Pin	Steel zinc plated	-	-

How to order:

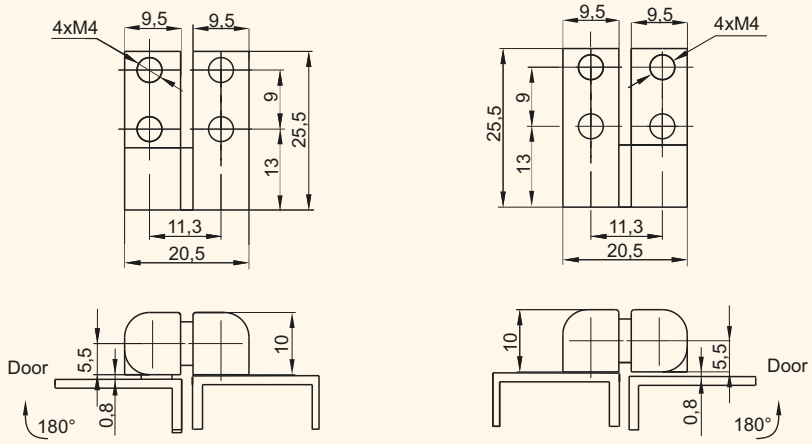
3.517.001	—	C

Catalogue number

Finish

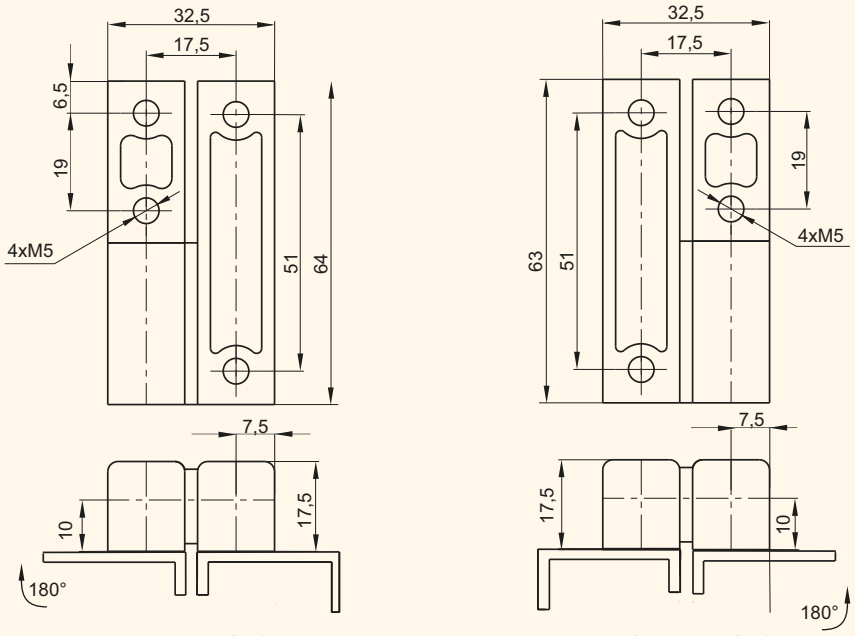
Hinge 3.518





CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.518.001	Holder, Base		04
	Pin	Steel zinc plated	





CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.518.002	Holder, Base	ZAMAK 5	04
	Pin	Steel zinc plated	

How to order:

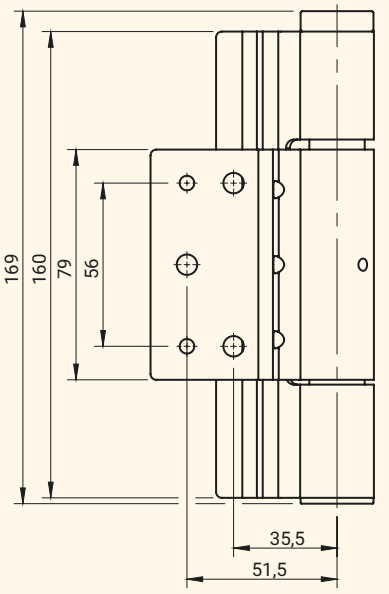
3.518.001.X — C

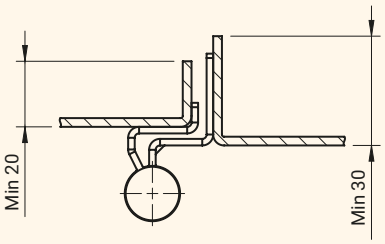
Catalogue number

Version X (L-left, R-right)

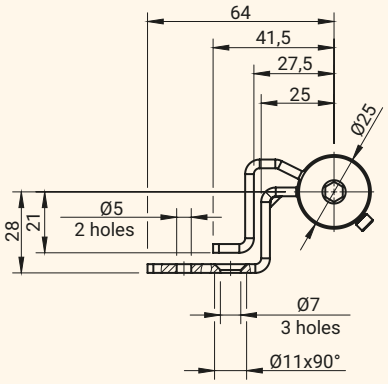
Finish

Fire door hinge 3.ST109.001

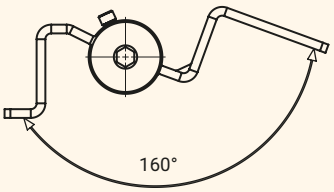








Closed position



Open position

CATALOGUE NO.	VERSION	COMPONENTS	MATERIAL
3.ST109.001-A	Spring hinge	Holder, Base, Pin	Steel zinc plated
3.ST109.001-B	KO hinge		

where:

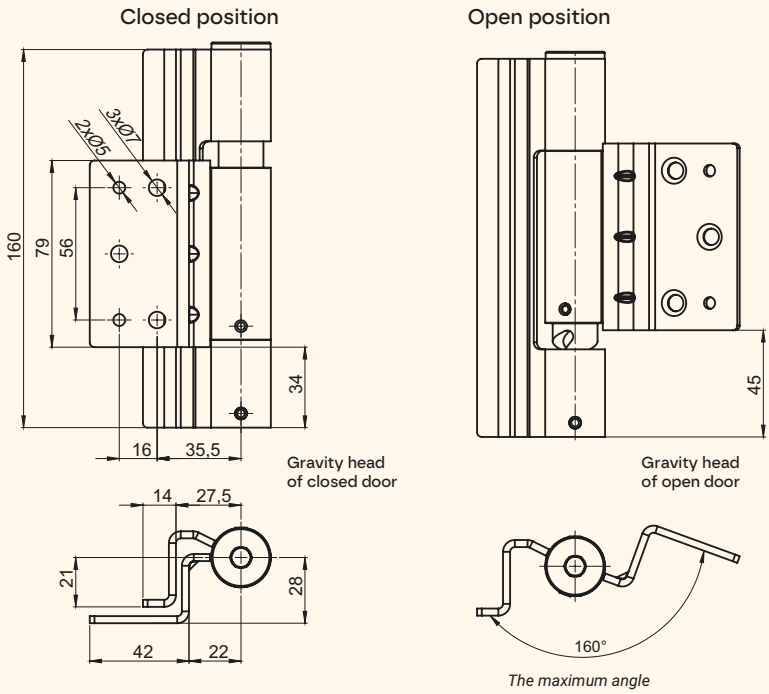
3.ST109.001-A - spring hinge causing self-locking

3.ST109.001-B - support hinge - without spring

Fire door hinge
3.ST109.003, 3.ST109.004



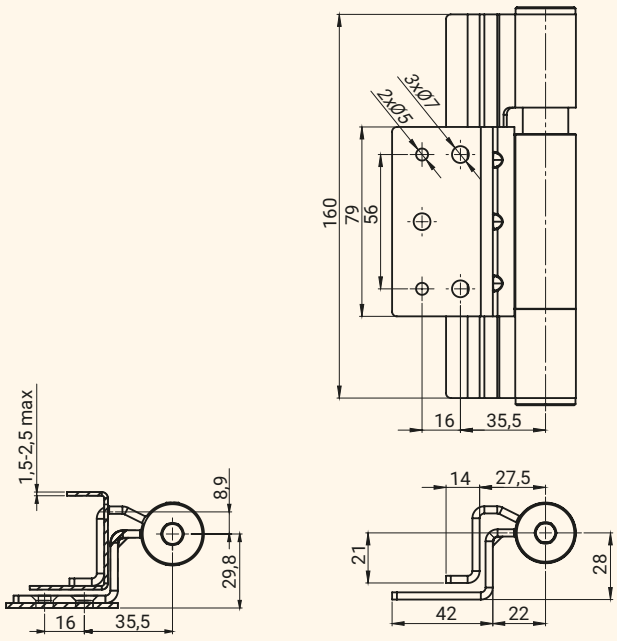
3.ST109.003-A
Right version



CATALOGUE NO.	VERSION	COMPONENTS	MATERIAL
3.ST109.003-A	Right	Handle, base	Steel zinc plated
3.ST109.003-B	Left		

Bearing hinge causes automatic door closure and lifting the door while opening. The set of hinges is **3.ST109.003 + 3.ST109.004** or two hinges **3.ST109.003** Left version is the mirror image of the right version.





CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST109.004	Handle, base	Steel zinc plated

The positioning hinge in door axis cooperates only with the hinge **3.ST109.003**

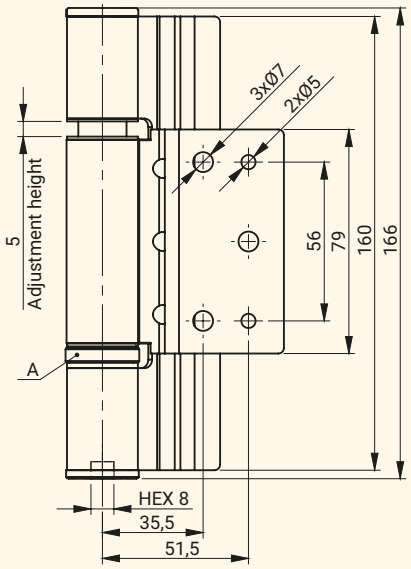
Hinge 3.ST109.007

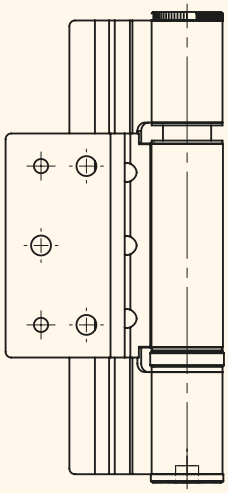
Fire door hinges with hight regulation on thread

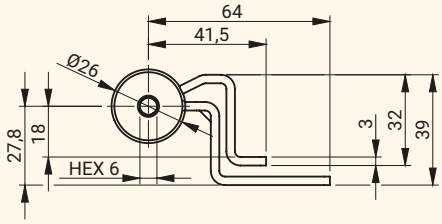
3.ST109.007-B
Left version

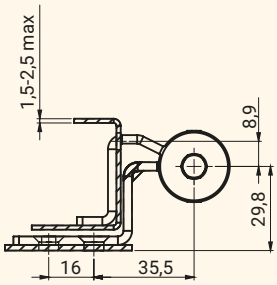
3.ST109.007-A
Right version











A - thrust bearing
Max. load: 80kg
Hinge welded to door frame and screwed into a door Hinge
3.ST109.007 is compatible with spring hinge 3.ST109.001-A

CATALOGUE NO.	VERSION	COMPONENTS	MATERIAL
3.ST109.007-A	Right	Holder, Base, Pin	Steel zinc plated
3.ST109.007-B	Left		

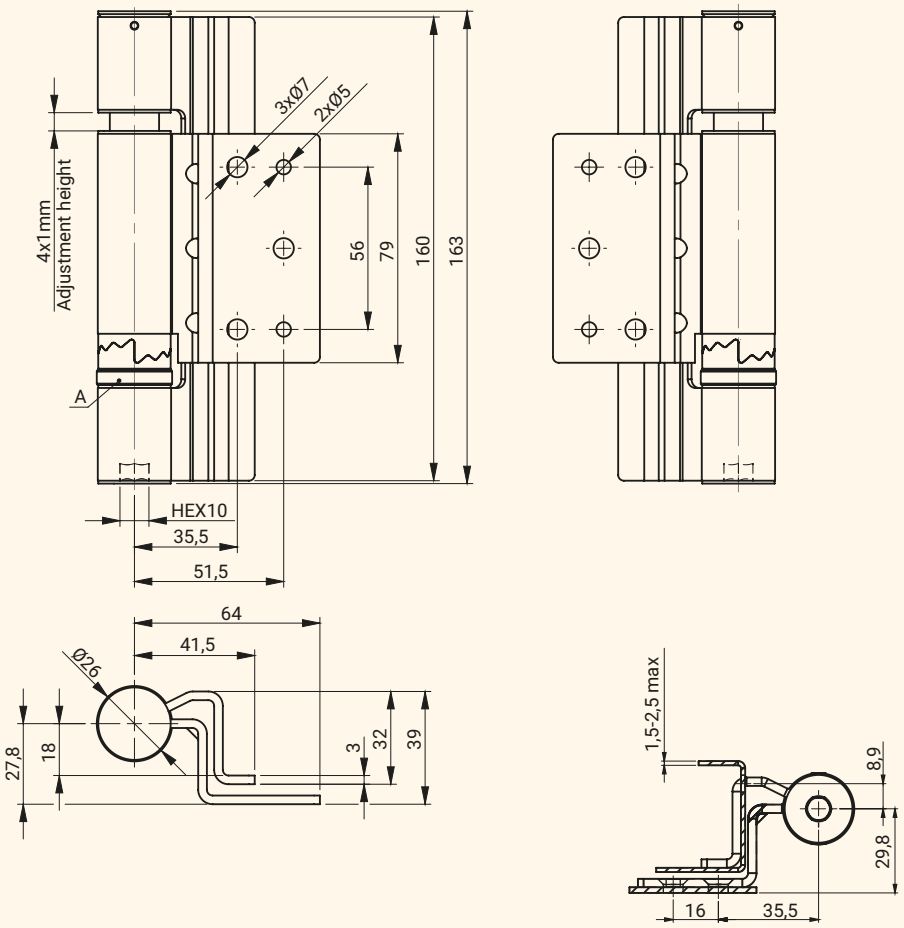
Hinge 3.ST109.009

Fire door hinges with height regulation



3.ST109.009-B
Left version

3.ST109.009-A
Right version

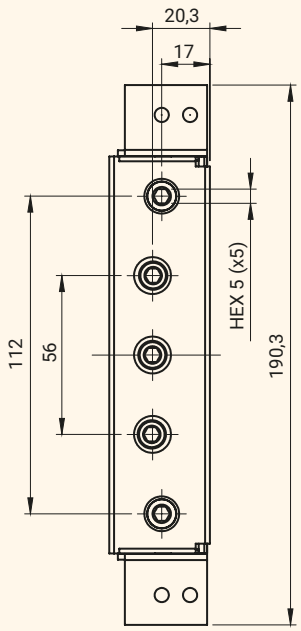


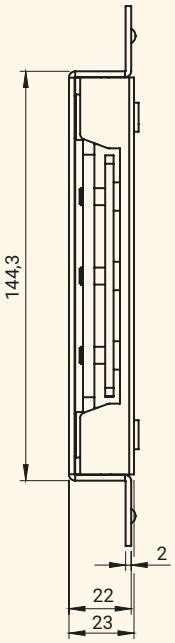
A - thrust bearing
Max. load: 80kg
Hinge welded to door frame and screwed into a door 4-stage height adjustment, each stage lifts or lowers the door of 1mm
Hinge 3.ST109.009 is compatible with spring hinge 3.ST109.001-A

CATALOGUE NO.	VERSION	COMPONENTS	MATERIAL
3.ST109.009-A	Right	Holder, Base, Pin	Steel zinc plated
3.ST109.009-B	Left		

Cassette 3.ST500, Hinge 3.ST501









stainless steel

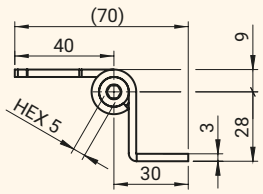
NEW

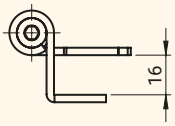
Example of use 3.ST500.001 cassettes with 3.ST501.001 hinge

CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST500.001	Base, Cover	Steel zinc plated
3.ST500.002	Base, Cover	Stainless steel

Cassette with 3D adjustment (compression +/- 3.0 mm) works with hinges:

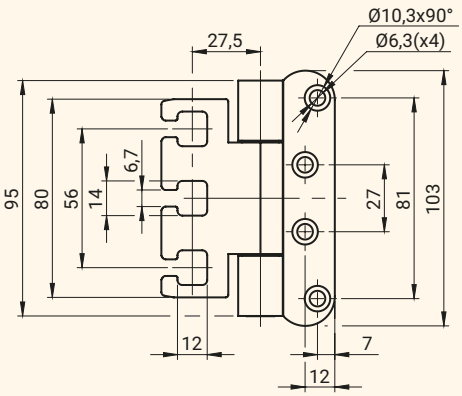
CASSETTE	HINGE					
	3.ST501.001	3.ST502.001	3.ST503.001	3.ST504.001	3.ST505.001	3.ST506.001
3.ST500.001	●	●	●	●	●	●
3.ST500.002	●	●	●	●	●	●





stainless steel

NEW





The hinge with 3D adjustment vertically and horizontally +/- 3.0 mm works with the cassette (3.ST500.001 or 3.ST500.002) with page 3A-76 mounted to the frame.

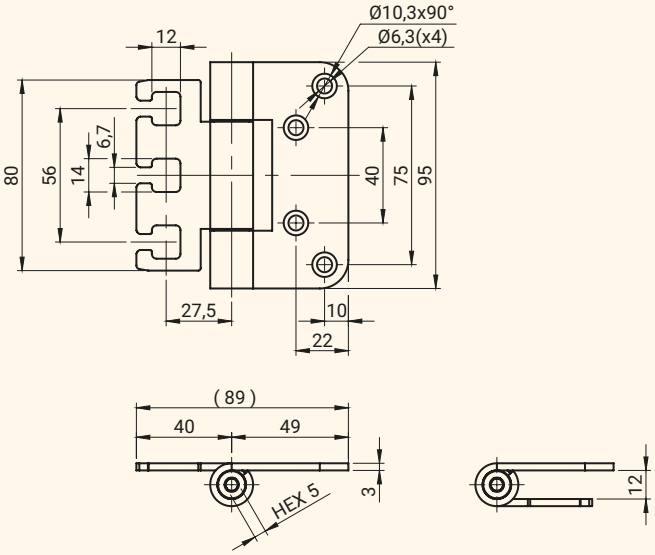
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST501.001	Holder, Base	Stainless steel

Hinge 3.ST502, 3.ST503

NEW

stainless steel



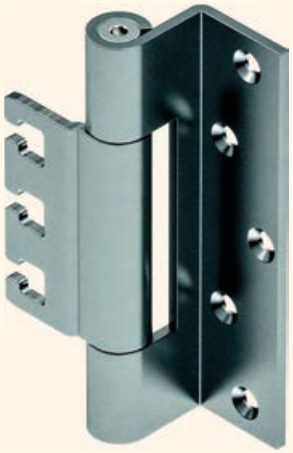


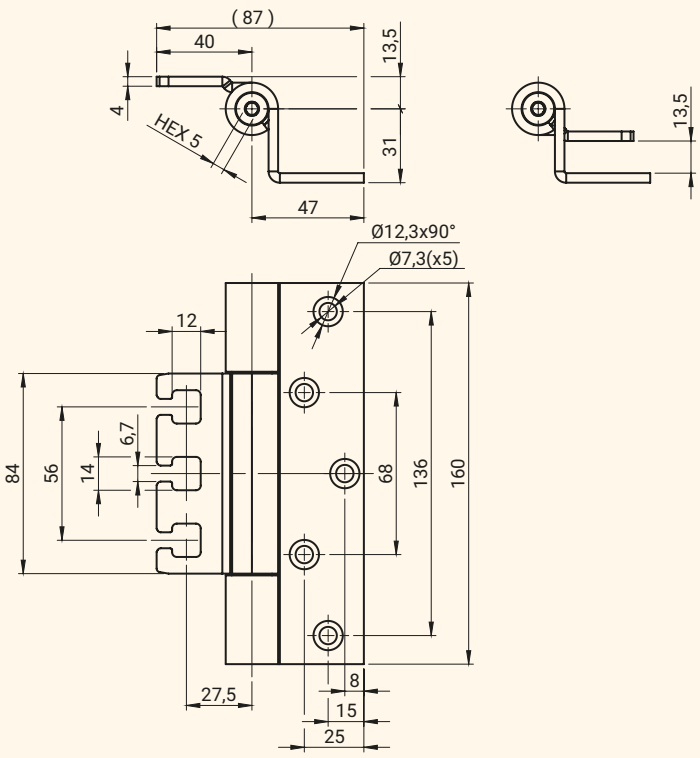
The hinge with 3D adjustment vertically and horizontally +/- 3.0 mm works with the cassette (3.ST500.001 or 3.ST500.002) with page 3A-76 mounted to the frame.

CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST502.001	Base, Cover	Stainless steel

NEW

stainless steel

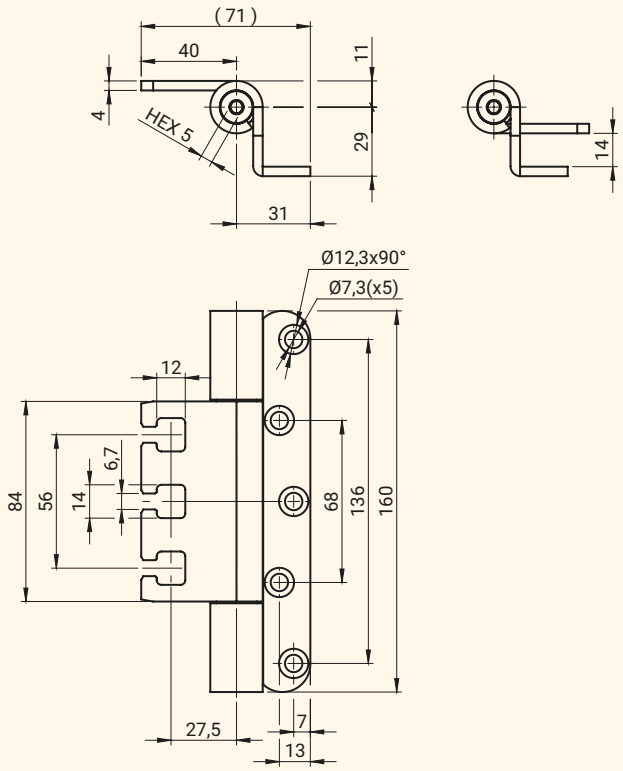


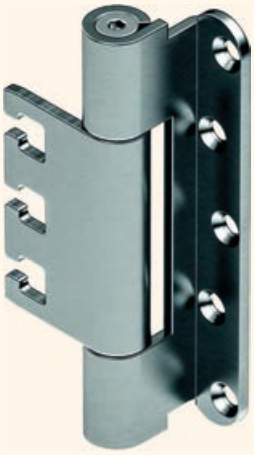


The hinge with 3D adjustment vertically and horizontally +/- 3.0 mm works with the cassette (3.ST500.001 or 3.ST500.002) with page 3A-76 mounted to the frame.

CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST503.001	Holder, Base	Stainless steel

Hinge 3.ST504, 3.ST505



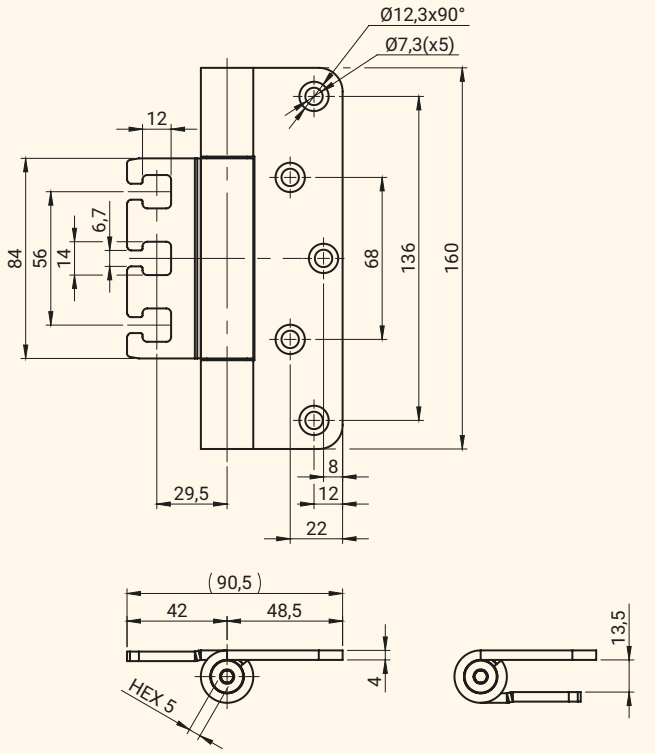


stainless steel

NEW

The hinge with 3D adjustment vertically and horizontally +/- 3.0 mm works with the cassette (3.ST500.001 or 3.ST500.002) with page 3A-76 mounted to the frame.

CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST504.001	Base, Cover	Stainless steel





stainless steel

NEW

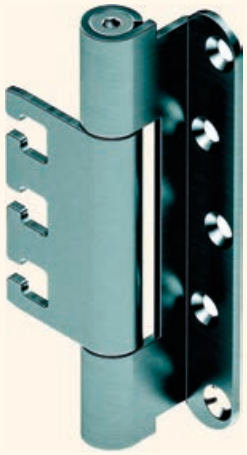
The hinge with 3D adjustment vertically and horizontally +/- 3.0 mm works with the cassette (3.ST500.001 or 3.ST500.002) with page 3A-76 mounted to the frame.

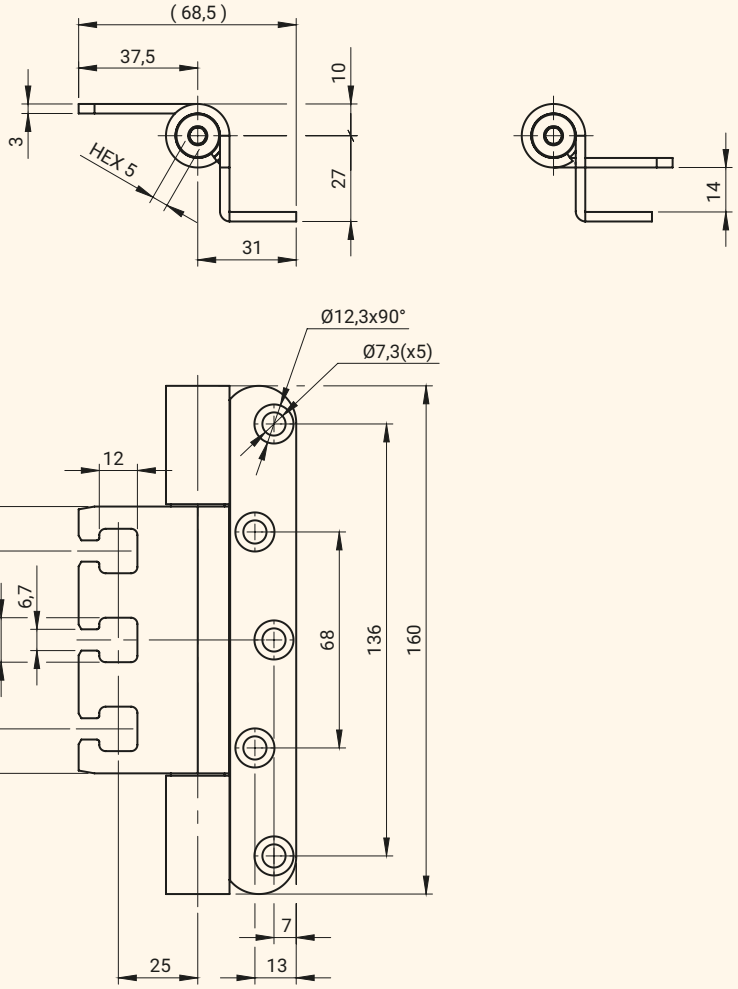
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST505.001	Holder, Base	Stainless steel

Hinge 3.ST506

NEW

stainless steel



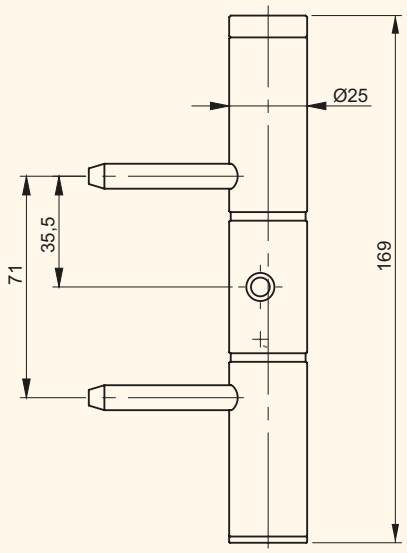


The hinge with 3D adjustment vertically and horizontally +/- 3.0 mm works with the cassette (3.ST500.001 or 3.ST500.002) with page 3A-76 mounted to the frame.

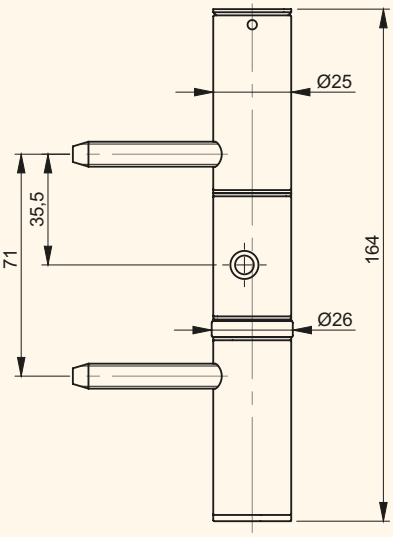
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST506.001	Base, Cover	Stainless steel

Hinge 3.ST109.100, 3.ST109.101

3.ST109.100

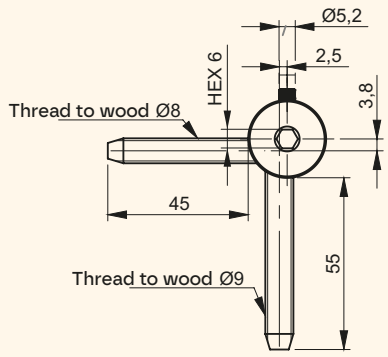


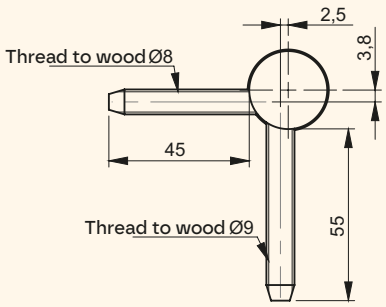
3.ST109.101





3.ST109.100







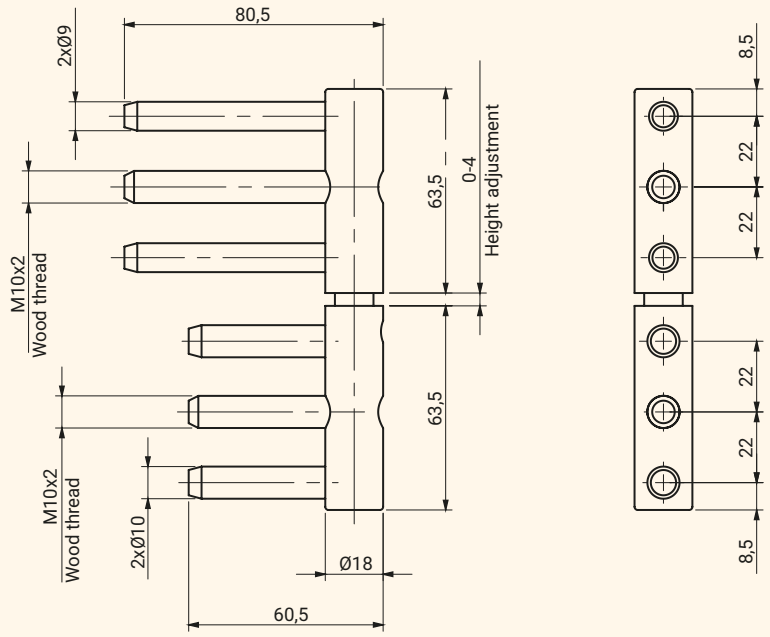
3.ST109.101

CATALOGUE NO.	DETAIL	COMPONENTS	MATERIAL
3.ST109.100	Spring hinge	Holder, Base	Steel zinc plated
3.ST109.101	KO hinge		

Hinge 3.ST129

270°

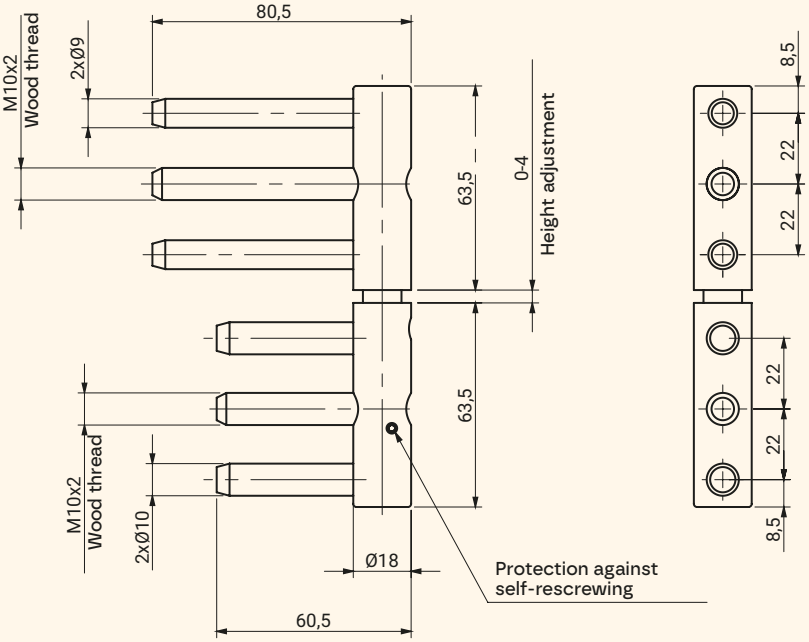




CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST129.001	Holder, Base, Pin	Steel zinc plated

270°

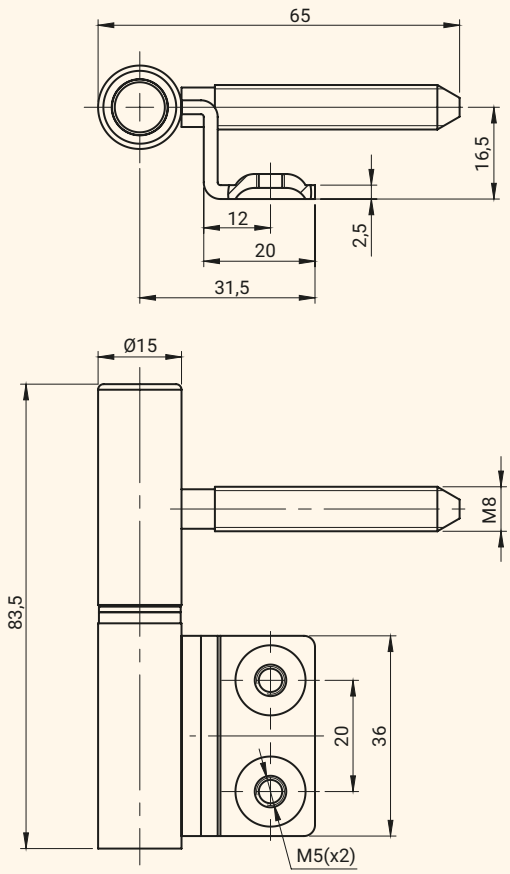




CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST129.002	Holder, Base, Pin	Steel zinc plated

Hinge 3.ST153, 3.ST154

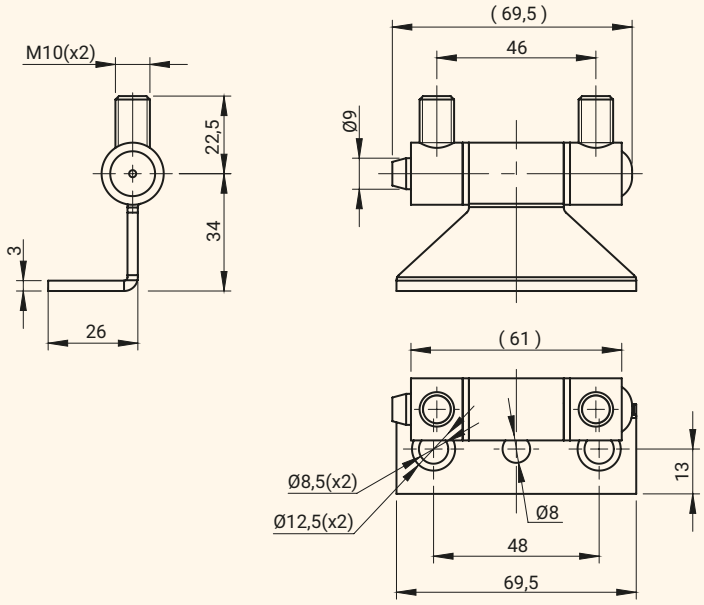
NEW





CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST153.001	Handle, rate, insert	Steel zinc plated
	Sleeve	POM

NEW





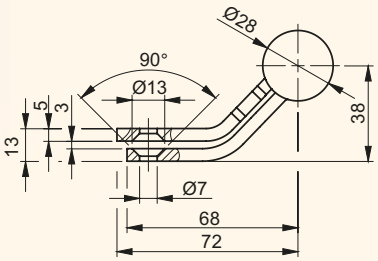
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST154.001	Handle, rate, insert	Steel zinc plated
	Sleeve	POM

Hinge 3.ST125

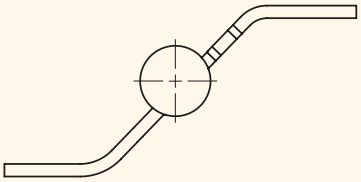


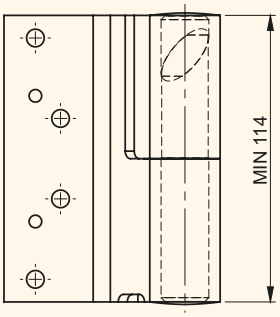
3.ST125.001

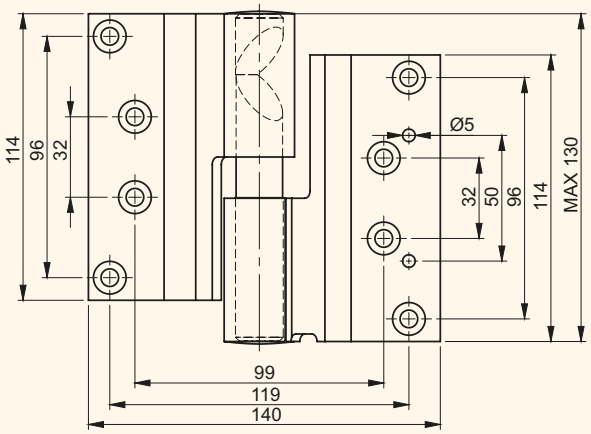
Right version - open position



Left version - open position

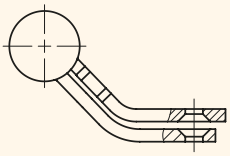




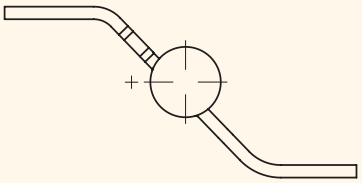


3.ST125.002

Right version - closed position



Right version - open position



CATALOGUE NO.	VERSION	COMPONENTS	MATERIAL	FINISH [C]
				Chrome
3.ST125.001	Left	Door, Insert	Carbon steel	01
3.ST125.002	Right			

Left version is the mirror image of the right version

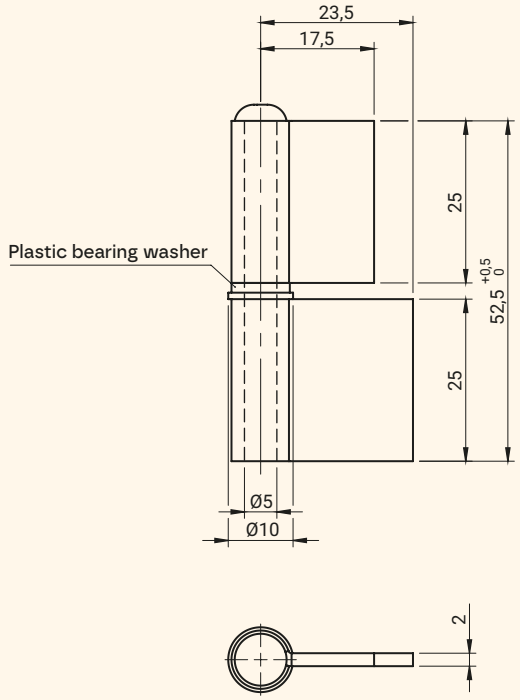
How to order:

3.ST125.001 — C

Catalogue number

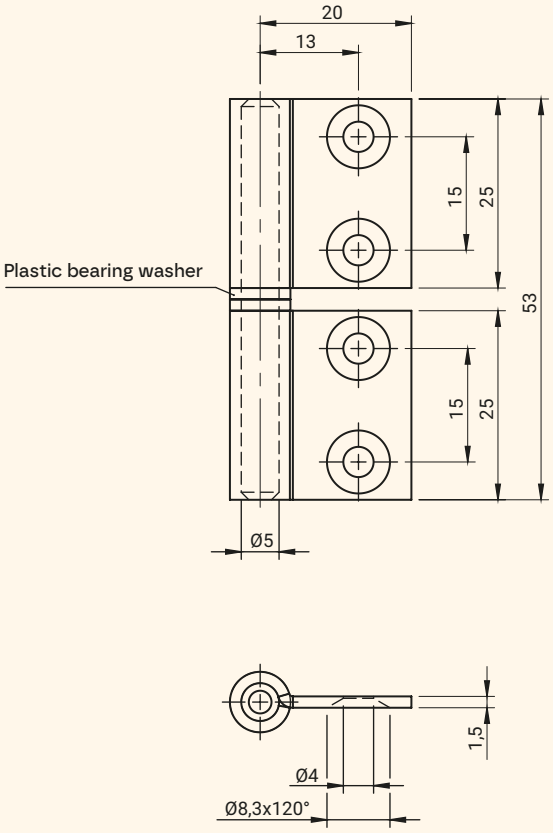
Finish

Hinge 3.ST127.001SN, 3.ST127.002SN





CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST127.001SN	Holder, Base, Pin	Stainless steel





Hinge pin welded into one of the wings during final assembly.
Hinge supplied in a sets of parts.

CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST127.002SN	Holder, Base, Pin	Stainless steel

Hinge 3.ST127.003SN

stainless steel



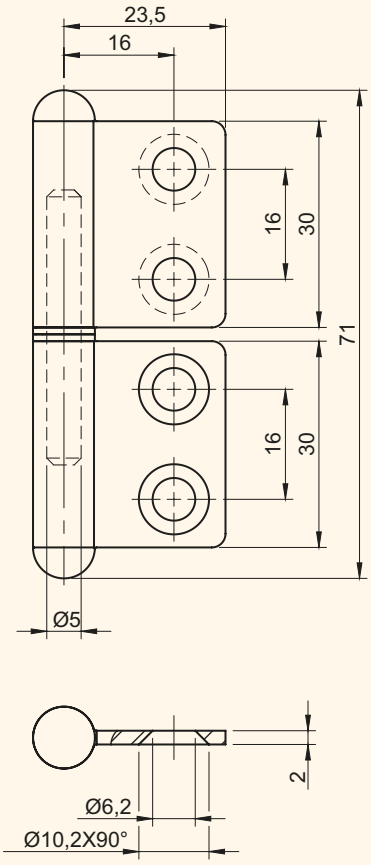
LEFT HINGE



RIGHT HINGE

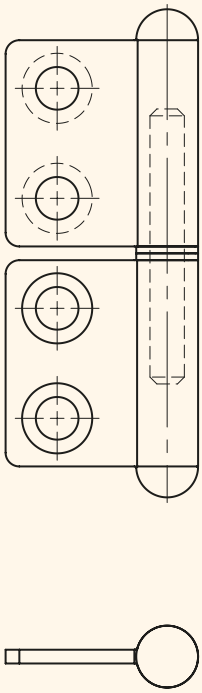
LEFT HINGE

3.ST127.003SN - B



RIGHT HINGE

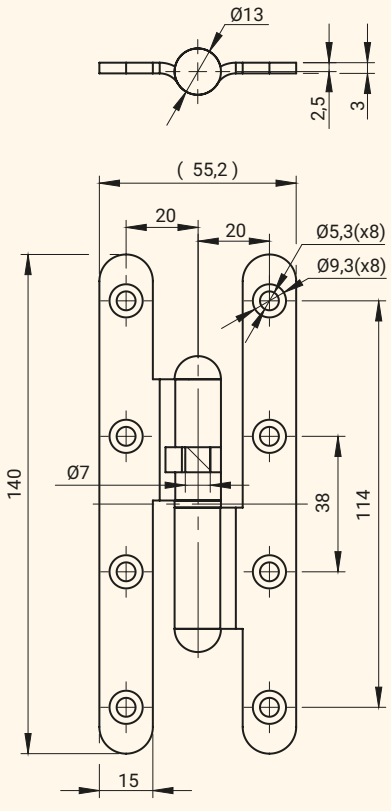
3.ST127.003SN - A



CATALOGUE NO.	VERSION	COMPONENTS	MATERIAL
3.ST127.003SN-A	Right	Holder, Base, Pin	Stainless steel
3.ST127.003SN-B	Left		

Hinge 3.ST151, 3.ST152

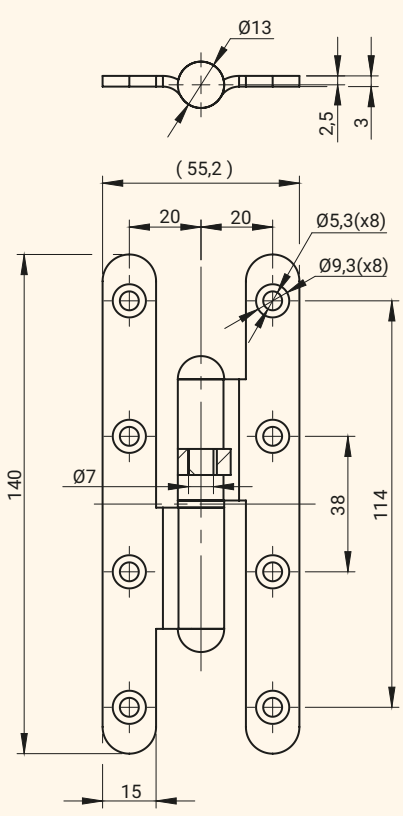
3.ST151.001



Right version

3.ST151.002

NEW



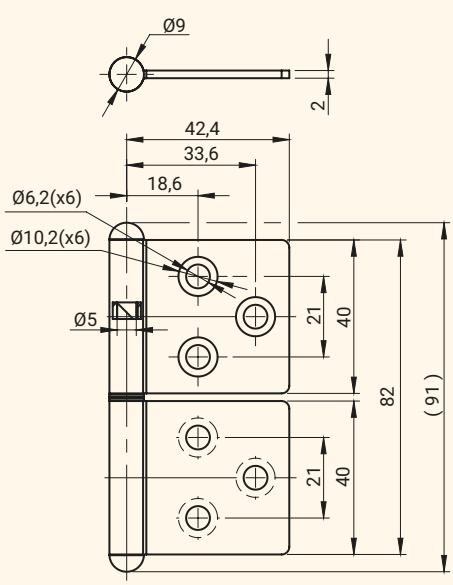
Left version



Left version **Right version**

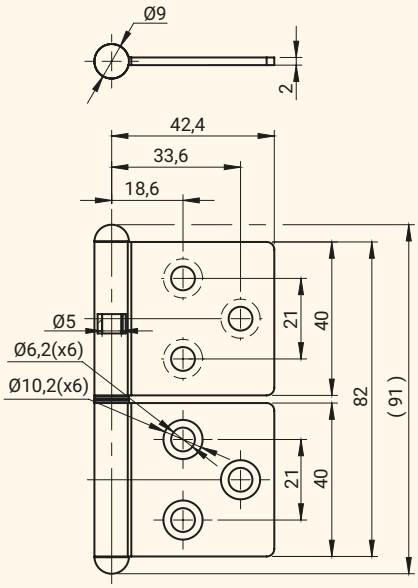
CATALOGUE NO.	MATERIAL	COMPONENTS	MATERIAL
3.ST151.001	Right	Handle, rate, blinder cap, insert, washer	Steel zinc plated
3.ST151.002	Left		

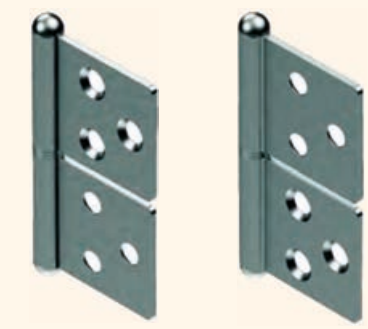
3.ST152.001SN



3.ST152.002SN

NEW





3.ST152.001SN **3.ST152.002SN**

CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST152.001	Handle, rate, blinder cap, insert	Stainless steel
3.ST152.002		

Hinge 3.ST30

stainless steel



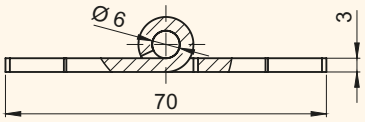
3.ST30.001
3.ST30.001SN

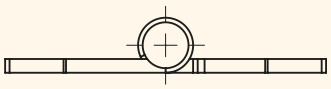


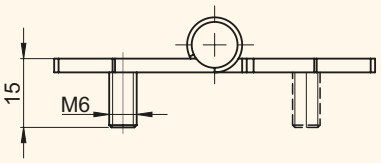
3.ST30.005

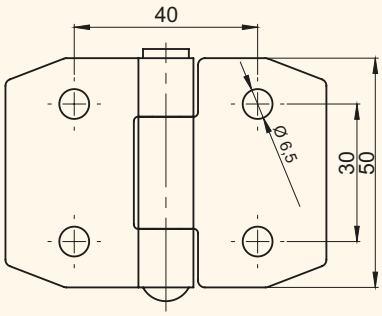


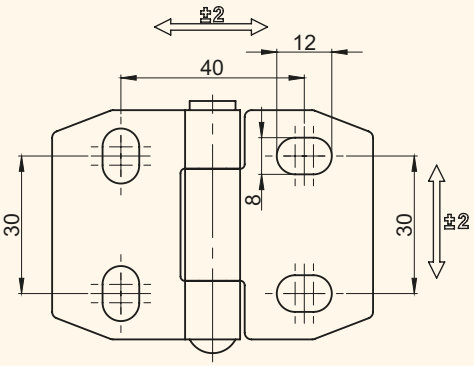
3.ST30.008
3.ST30.010

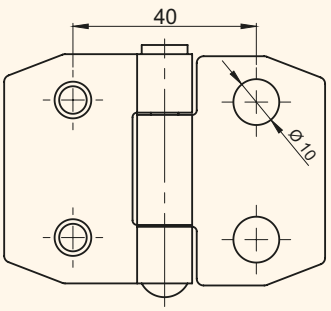






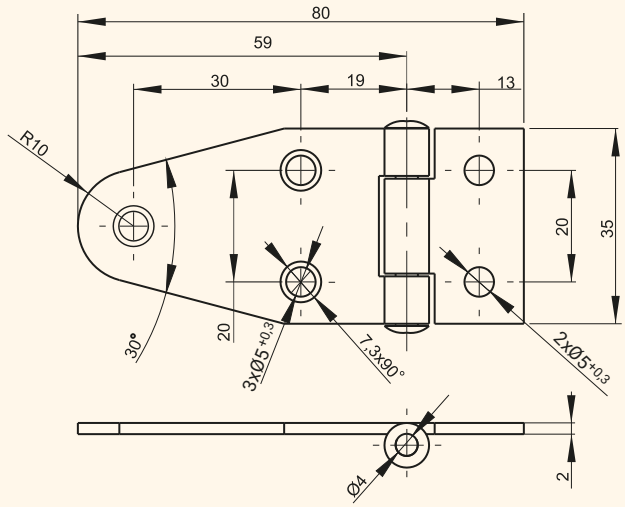






CATALOGUE NO.	VERSION	COMPONENTS	MATERIAL Steel
3.ST30.001	4x Ø 6,5	Holder, Base	zinc plated
		Pin	Stainless steel
3.ST30.001SN		Holder, Base, Pin	Stainless steel
3.ST30.005	4x 8x12	Holder, Base	Steel zinc plated
		Pin	Stainless steel
3.ST30.008	2x M6x15 2x Ø 10	Holder, Base	Steel zinc plated
		Pin	Stainless steel
3.ST30.010	4x M6x15	Holder, Base	Steel zinc plated
		Pin	Stainless steel

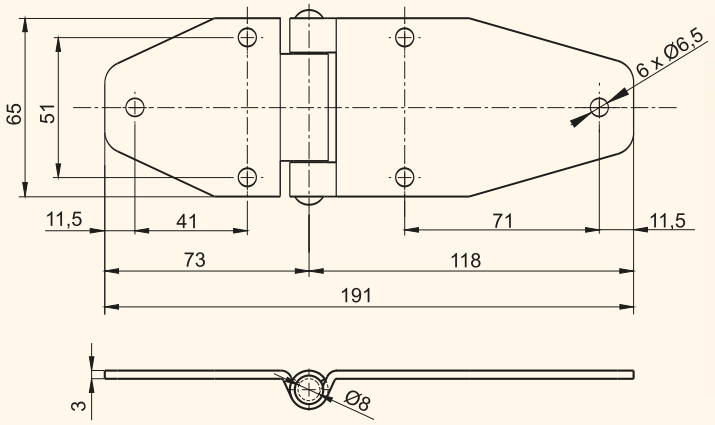
Hinge 3.ST35, 3.ST35-1



stainless steel



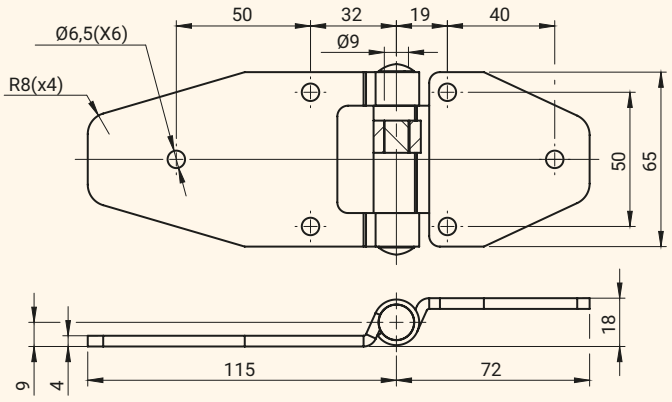
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST35-1.001	Holder, Base, Pin	Steel zinc plated
3.ST35-1.001SN	Holder, Base, Pin	Stainless steel



stainless steel



CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST35.001	Holder, Base, Pin	Steel zinc plated
3.ST35.001SN	Holder, Base, Pin	Stainless steel



stainless steel

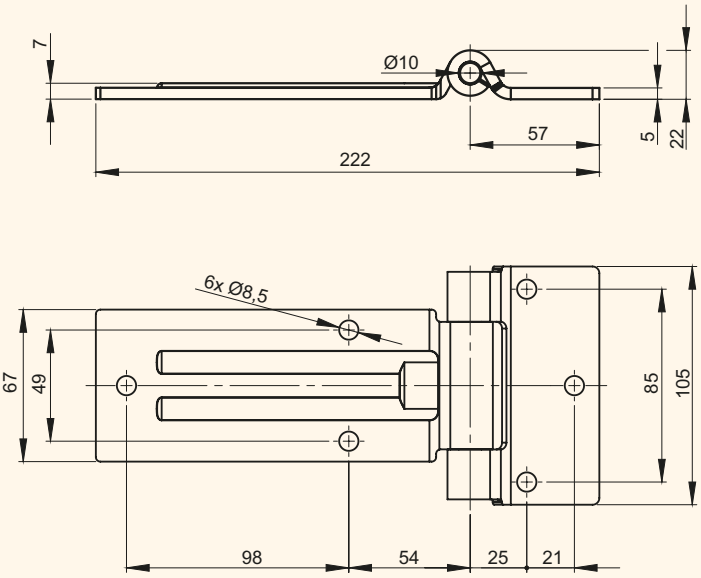


CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST35.010	Holder, Base, Pin	Steel zinc plated
3.ST35.010SN	Holder, Base, Pin	Stainless steel

Hinge 3.ST133, 3.534

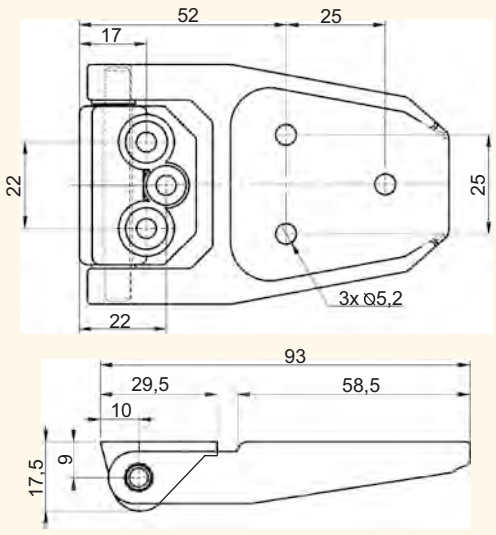
stainless steel





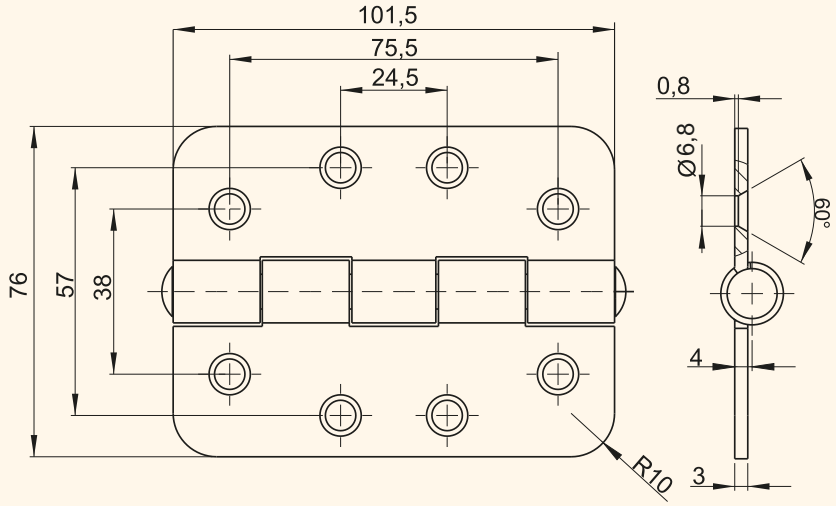
CATALOGUE NO.	COMPONENTS	MATERIAL Stainless
3.ST133.001	Holder, Base, Pin	steel polished





CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.534.001	Holder, Base	Polyamide	07
	Pin	Zinc-plated steel	

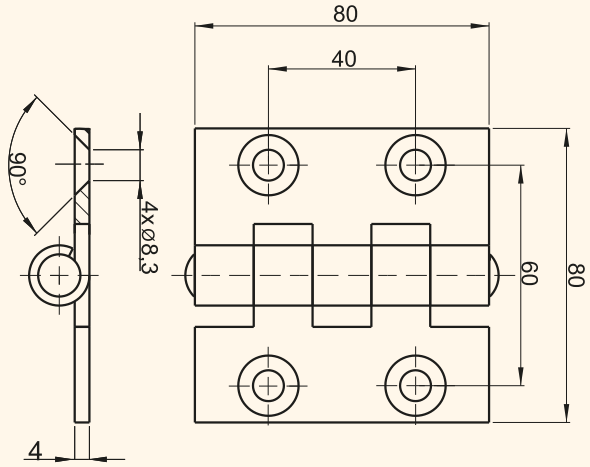
Hinge 3.ST35-2, 3.ST58





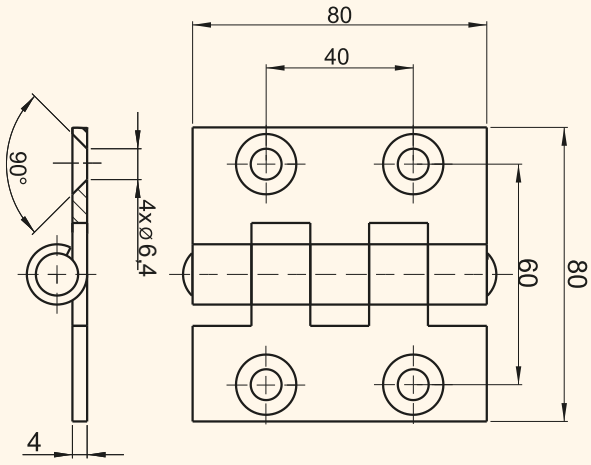
Hinge available with beveld holes or without.

CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST35-2.002	Holder, Base	Stainless steel
	Pin	Stainless steel





CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST58.001	Holder, Base	Steel zinc plated
	Pin	Stainless steel



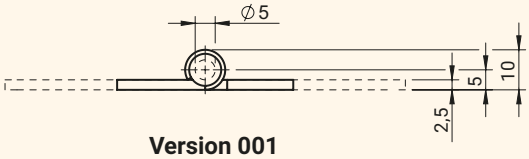


CATALOGUE NO.	COMPONENTS	MATERIAL Steel zinc
3.ST58.002	Holder, Base	plated
	Pin	Stainless steel

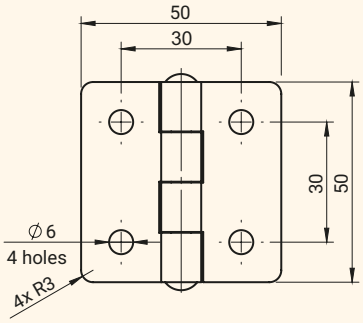
Hinge 3.ST114

stainless steel | 180°



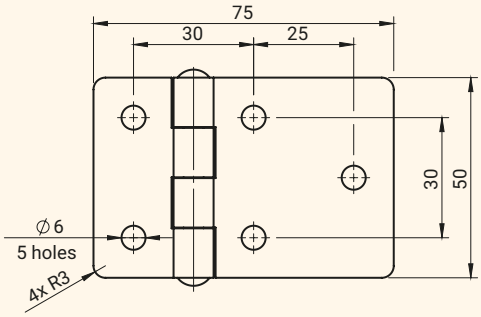


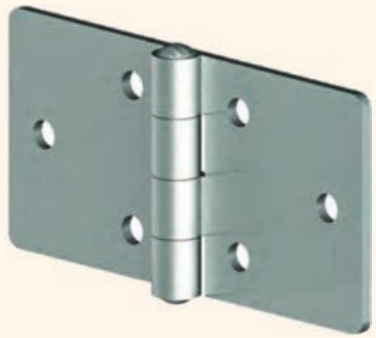
Version 001



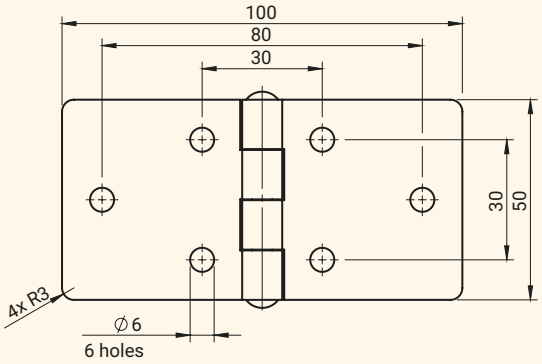


Version 002





Version 003



CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]		
			No finish	Galvanized	RAL 9005
3.ST114.001 **3.ST114.002** **3.ST114.003**	Holder, Base	Steel	-	03	04
	Pin	Stainless steel	-	-	-
3.ST114.001SN **3.ST114.002SN** **3.ST114.003SN**	Holder, Base, Pin	Stainless steel	00	-	-

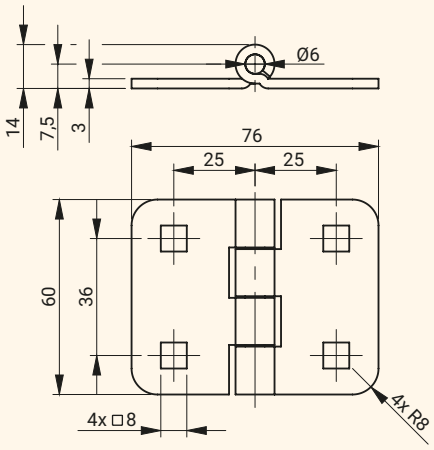
How to order:

Catalogue number — 3.ST114.001

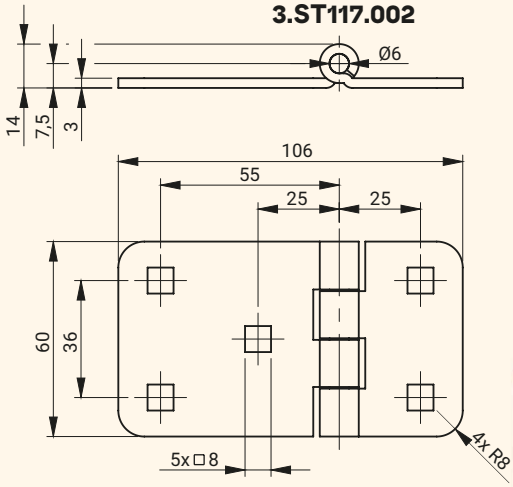
Finish [C] — 04

Hinge 3.ST117, 3.546

3.ST117.001



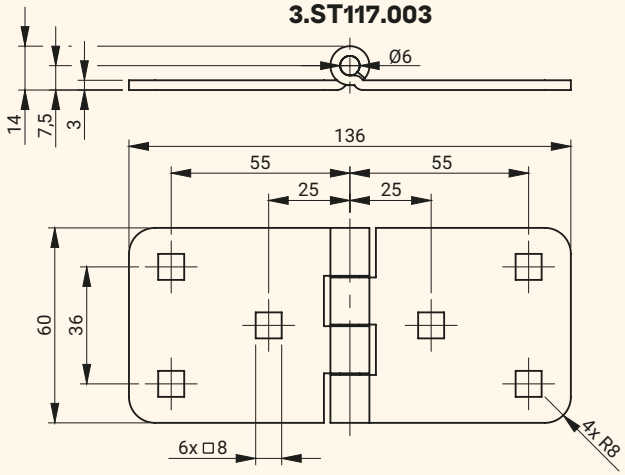
3.ST117.002







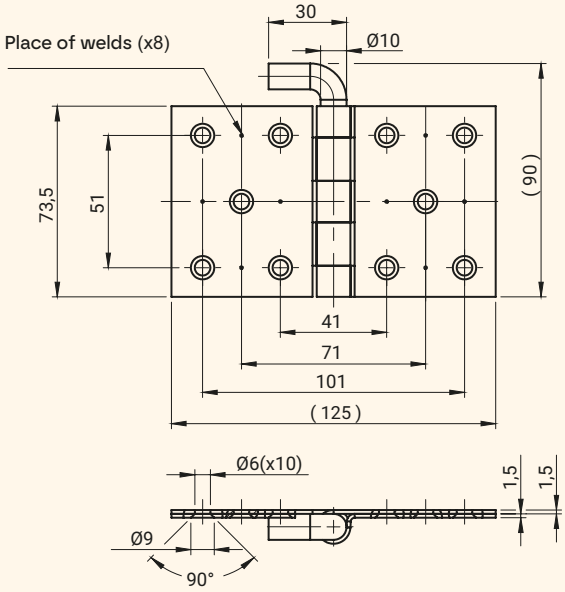
3.ST117.003





Hinge sold together with set of screws DIN 603 M8x16

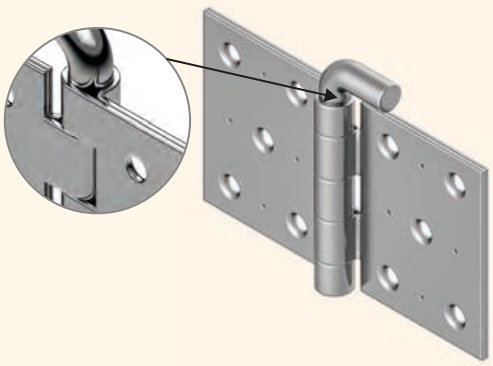
CATALOGUE NO.	COMPONENTS Holder,	MATERIAL
3.ST117.001 **3.ST117.002** **3.ST117.003**	Base, DIN603 M8x16	Steel zinc plated
	Pin	Stainless steel



stainless steel

270°

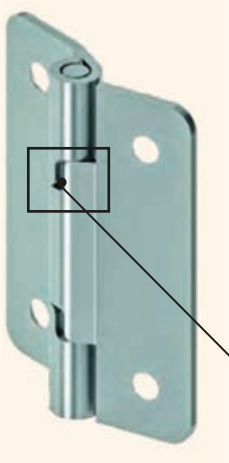
NEW

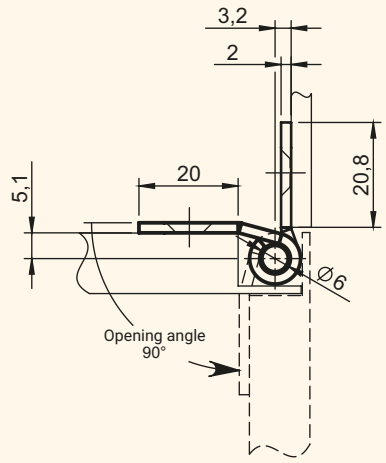


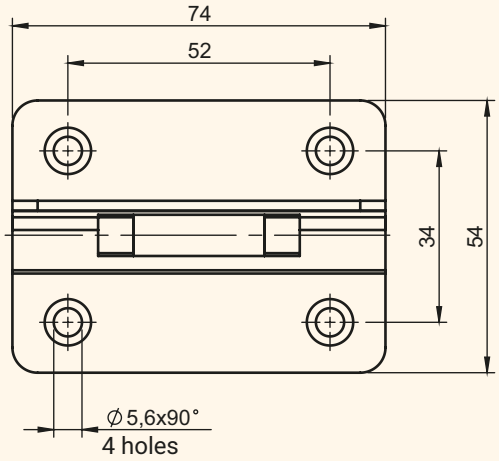
CATALOGUE NO.	COMPONENTS	MATERIAL
3.546.001	Holder, Base	Stainless steel 316
	Pin	

Hinge with an opening angle limiter 3.ST145
Hinge 3.ST146

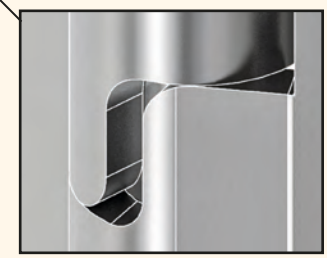
stainless steel | 90°







Rotation limiter built into the hinge fold

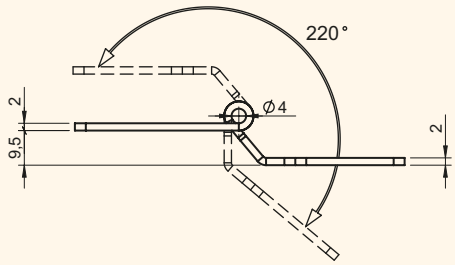


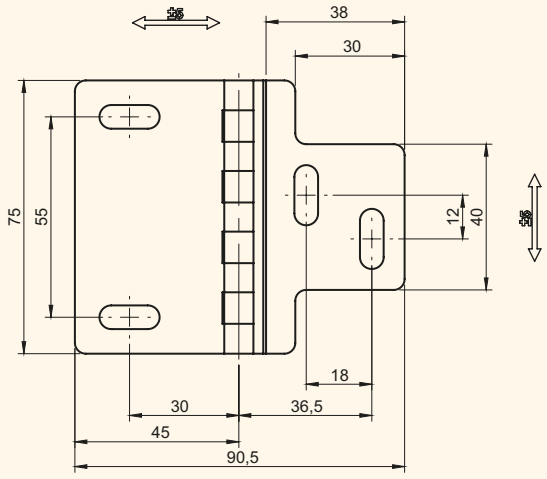
Hinge with an opening angle limiter up to 90°.

CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST145.001SN	Holder, Base, Pin	Stainless steel

stainless steel | y x | 220°





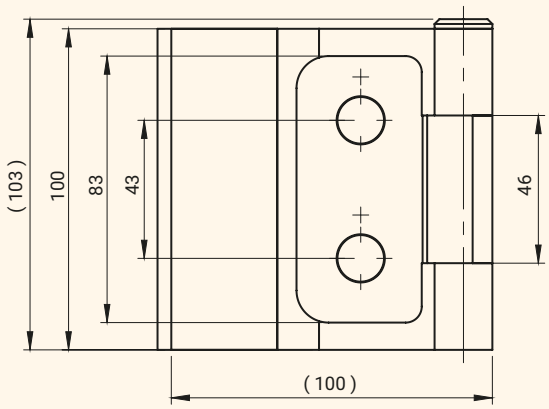


Hinge with two-way position adjustment

CATALOGUE NO.	MATERIAL
3.ST146.001SN	Stainless steel

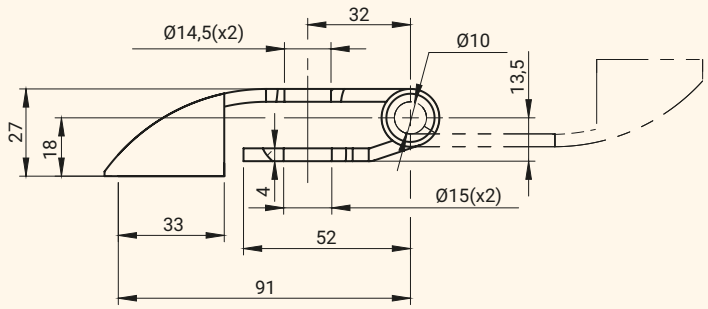
Hinge 3.ST130

NEW







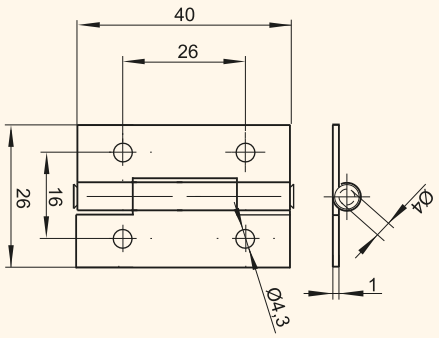


CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST130.001	Holder, base, pin	Steel

Hinge 3.ST37, 3.ST48, 3.ST55

stainless steel

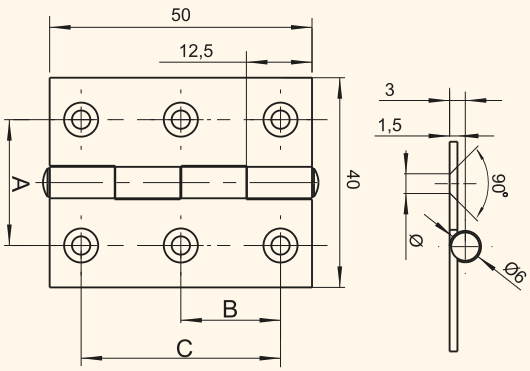




CATALOGUE NO.	COMPONENTS	MATERIAL Steel
3.ST37.001	Holder, Base, Pin	zinc plated
3.ST37.001SN	Holder, Base, Pin	Stainless steel

stainless steel





CATALOGUE NO.	X	Ø	A	B	C
3.ST48.00X 3.ST48.00X SN	1	4,7mm	24	19	38
	2	5mm	23	17,5	35
	3*	4mm	23	17,5	35

where:
X - indication of the hinge

* -no chamfer on cut outs

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
3.ST48.00X	Holder, Base, Pin	Steel zinc plated	04	05
3.ST48.00X SN	Holder, Base, Pin	Stainless steel	-	-

How to order:

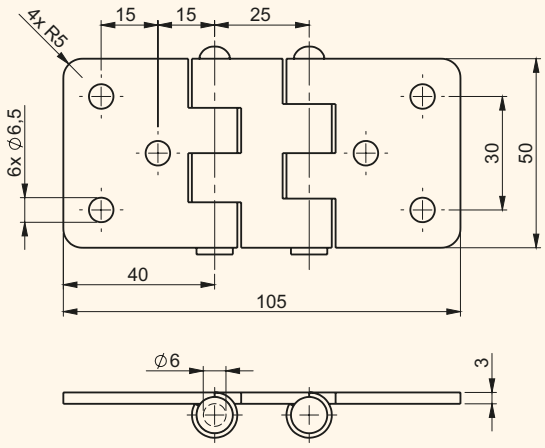
3.ST48.00X — C

Catalogue number

Finish

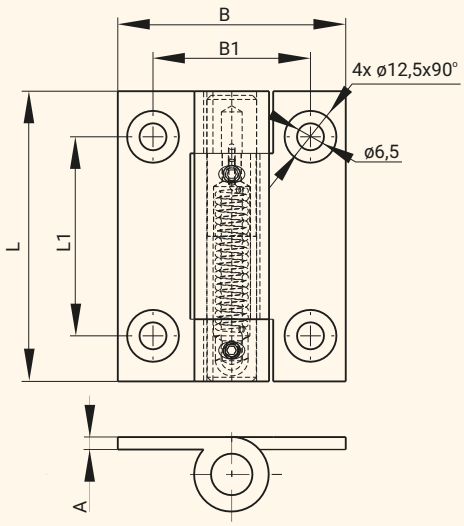
stainless steel

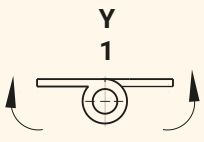




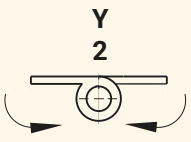
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST55.001	Holder, Base, Pin	Steel zinc plated
3.ST55.001SN	Holder, Base, Pin	Stainless steel

Hinge 3.ST108, 3.ST28





CLOSING DIRECTION



CLOSING DIRECTION





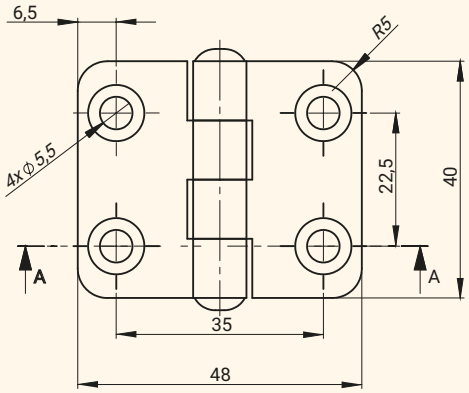
CLOSED POSITION

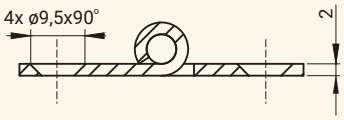


HINGE	X	A	L	L1	B	B1
3.ST108.X0Y	1	3	70	48	55	38
	2	3	80	60	65	45
	3	3	60	36	76	56

CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST108.001	Holder, Base	Steel zinc plated
	Pin	Steel zinc plated

stainless steel





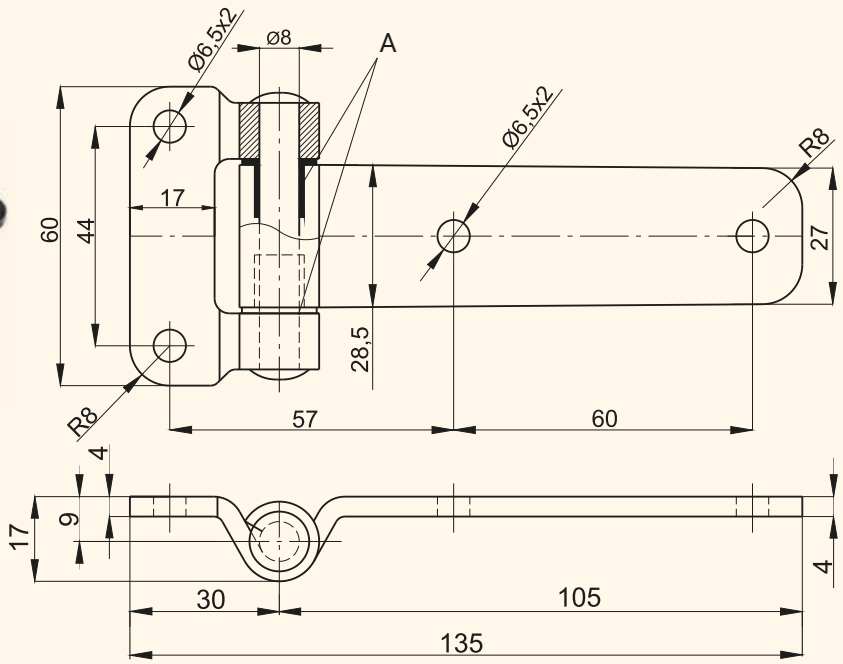


CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST28.001	Holder, Base	Stainless steel 1.4301
	Pin	Stainless steel 1.4301

Hinge 3.ST56

stainless steel



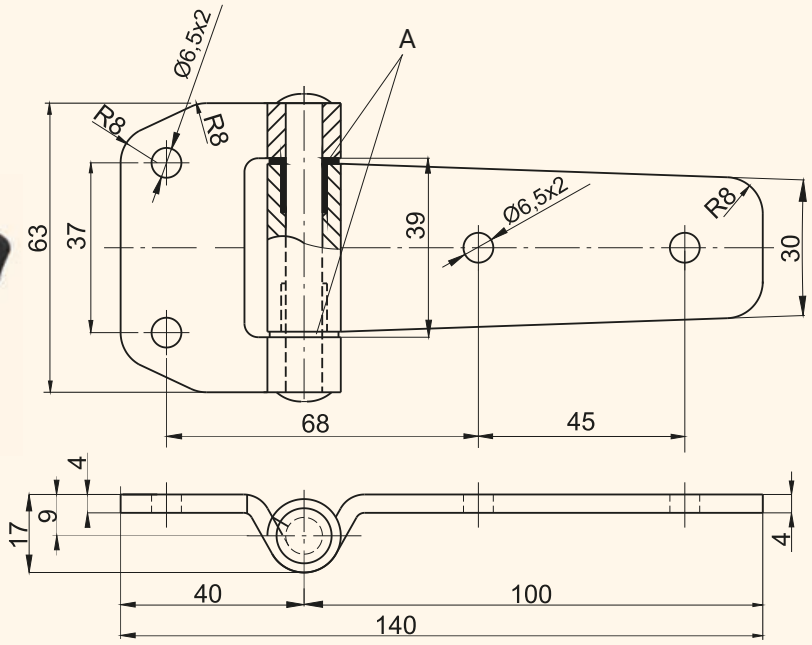


A - plastic washers

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.ST56.002	Holder, Base	Steel zinc plated	04
	Pin	Stainless steel	
3.ST56.002SN	Holder, Base, Pin	Stainless steel	-

stainless steel





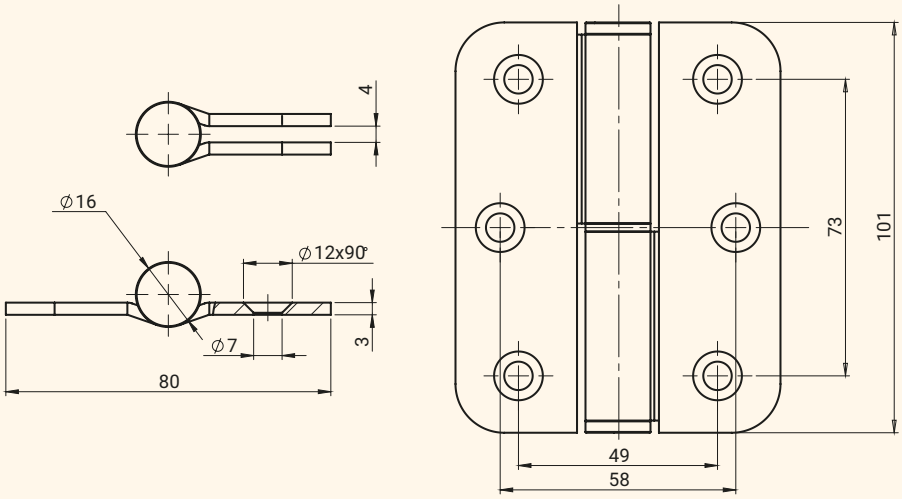
A - plastic washers

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.ST56.100	Holder, Base	Steel zinc plated	04
	Pin	Stainless steel	
3.ST56.100SN	Holder, Base, Pin	Stainless steel	-

Hinge 3.ST128, 3.ST155

260°

NEW





CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL9005
3.ST128.001	Holder,	Steel	04
	Base Pin	Steel zinc plated	-

How to order:

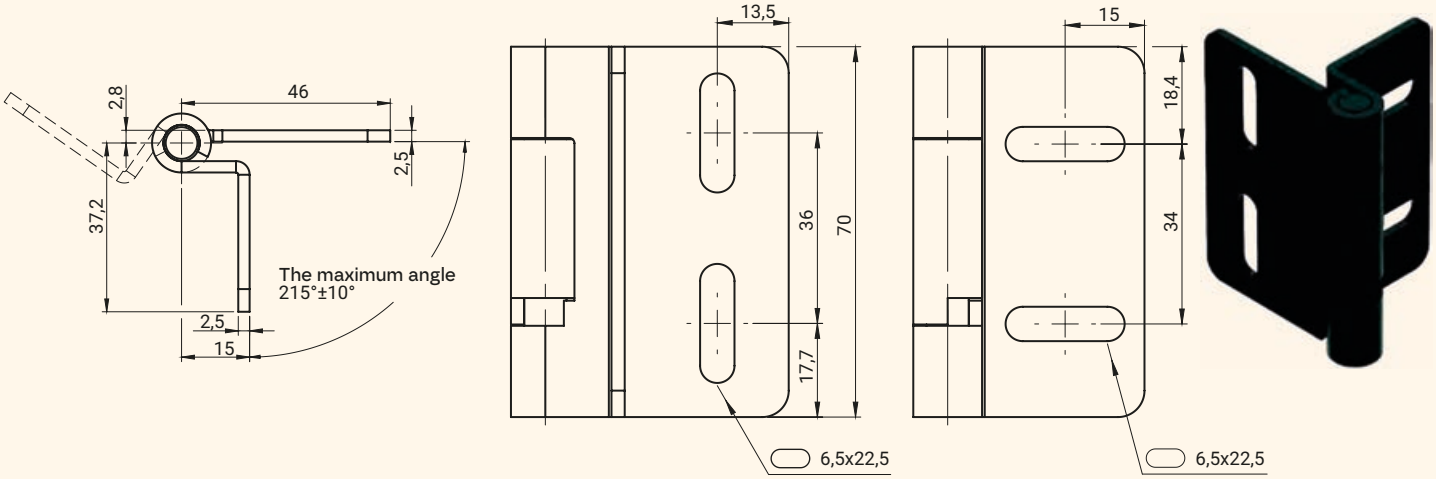
Catalogue number: 3.ST128.001 — 04

Finish [C]

215°

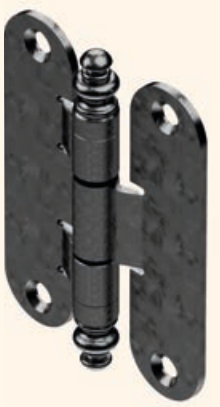
NEW

Hinge with an opening angle limiter



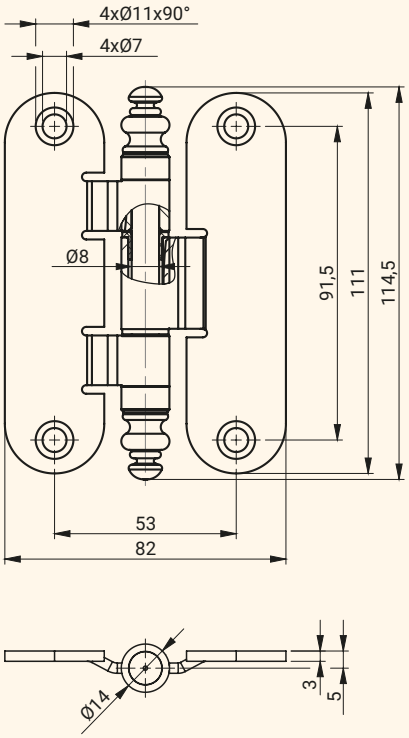
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL9005
3.ST155.001	Holder, Base, Pin	Stainless steel	04
			-

Hinge 3.ST116

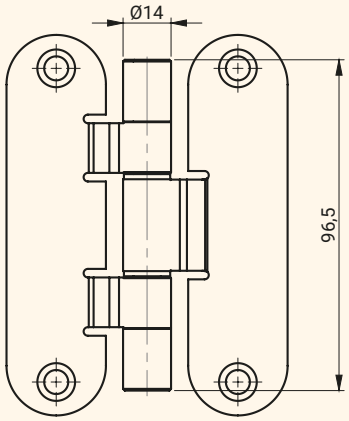




3.ST116.001



3.ST116.002



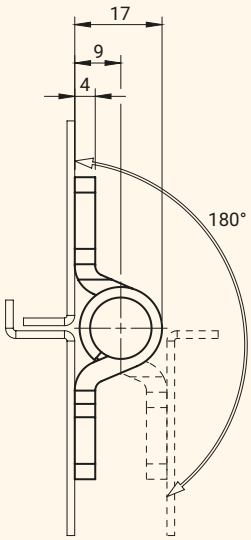
A - plastic bushing

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH
3.ST116.001.01	Holder, Base, Cap	Steel	Zinc plated + enamel
	Pin		Zinc plated
3.ST116.001.02	Holder, Base,		Brassed + enamel
	Cap Pin		Zinc plated
3.ST116.002.01	Holder, Base,		Zinc plated +
	Cap Pin		enamel Zinc plated
3.ST116.002.02	Holder, Base,		Brassed + enamel
	Cap Pin		Zinc plated

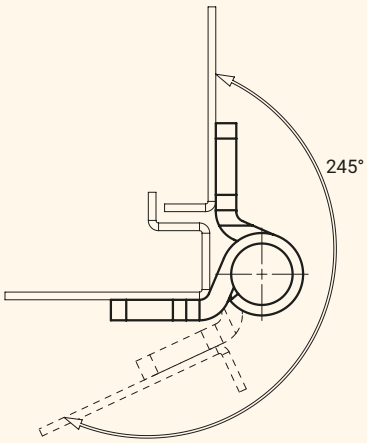
Hinge 3.ST56-2

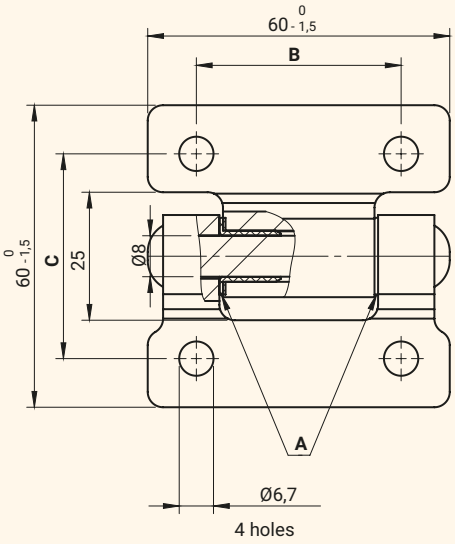


Version .001 .002



Version .003 .004





A - plastic bushing

CATALOGUE NO.	DIMENSION		COMPONENTS	MATERIAL	FINISH [C]
	B	C			RAL 9005
3.ST56-2.001	40	40	Holder, Base,	Steel zinc plated	04
3.ST56-2.003					
3.ST56-2.002	44	43	Pin	Stainless steel	
3.ST56-2.004					
3.ST56-2.001SN	40	40	Holder, Base, Pin	Stainless steel	No
3.ST56-2.003SN					
3.ST56-2.002SN	44	43			
3.ST56-2.004SN					

How to order:

3.ST56-2.001 — 04

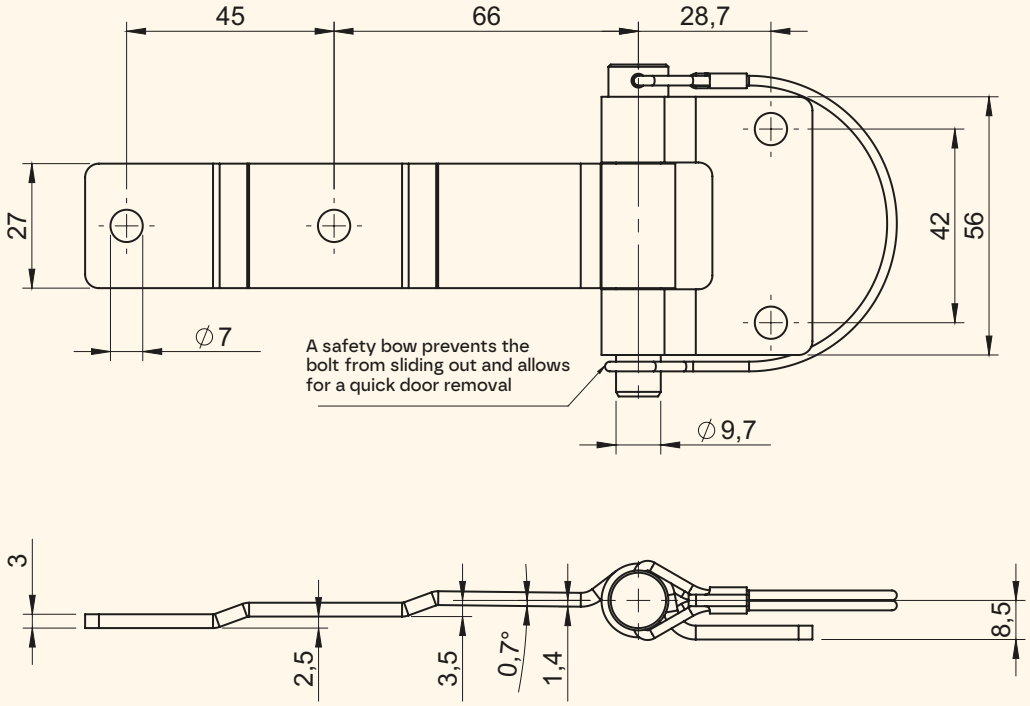
Catalogue number

Finish [C]

Hinge 3.ST134.001SN

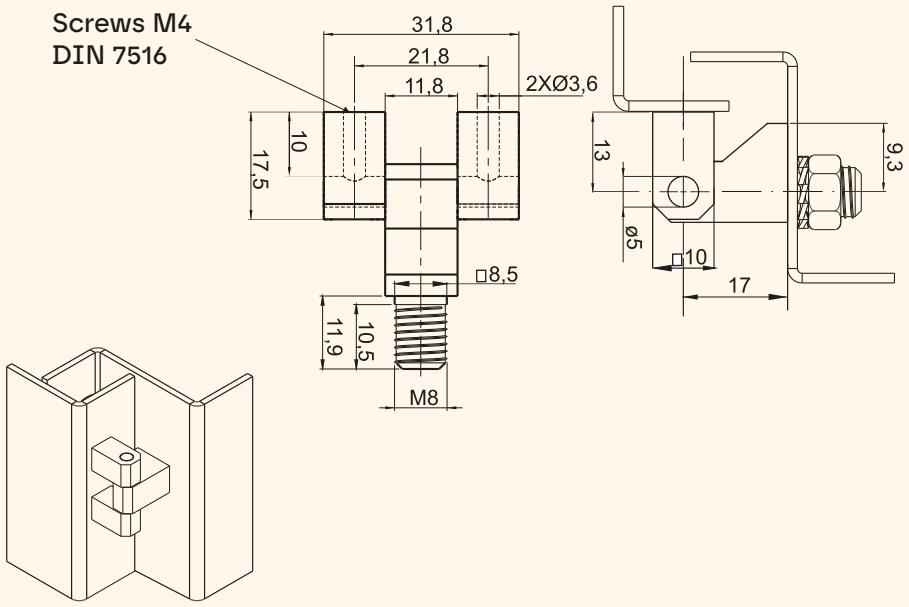
stainless steel





CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST134.001SN	Holder, Base, Pin, Safety bow	Stainless steel

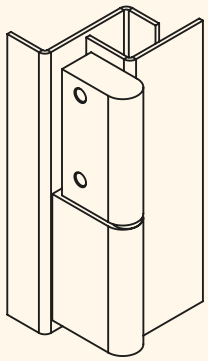
Hinge 3.ZN20, 3.ST49

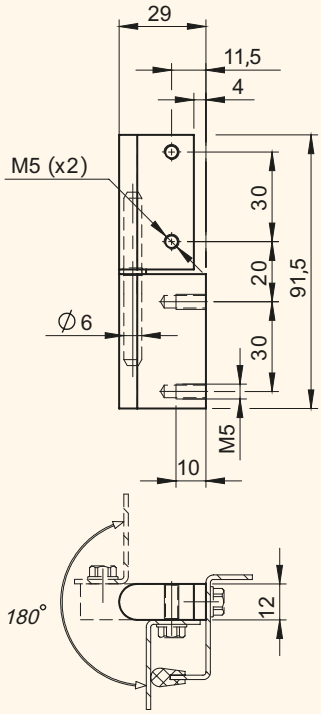




CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.ZN20.001	Holder, Base	ZAMAK 5	04
	Pin	Steel zinc plated *	

180°





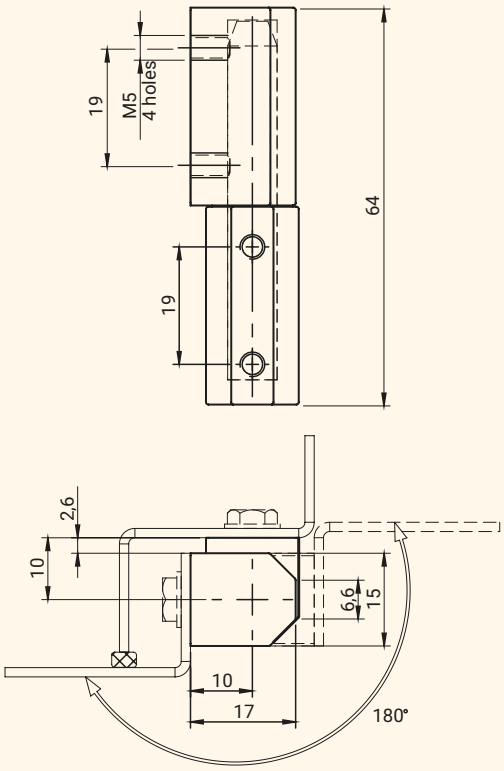


CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.ST49.001	Holder, Base	Steel	04
	Pin	Steel zinc plated	

Hinge 3.ZN158.0010, 3.ZN158SN

stainless steel | 180°





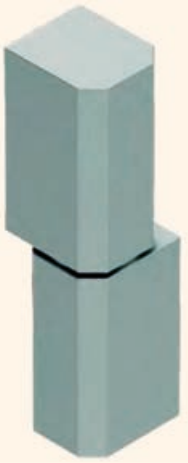
* DIN 7985 M5x8 screw (x4) and DIN 127 M5 washer (x4), is not part of the scope of supply.

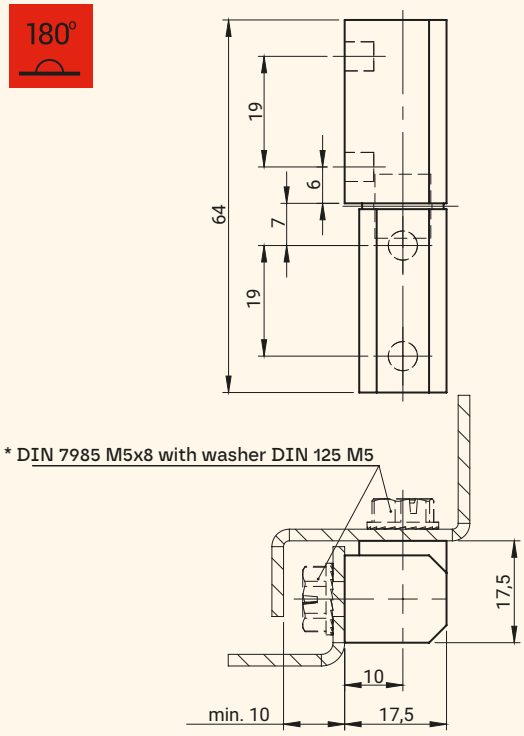
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			Chrome	RAL 9005
3.ZN158.001	Base, Holder	ZAMAK 5	01	04
	Insert	Stainless steel	-	-

How to order:
Catalogue number
Finish [C]

3.ZN158.001 — 01

NEW | stainless steel | 180°

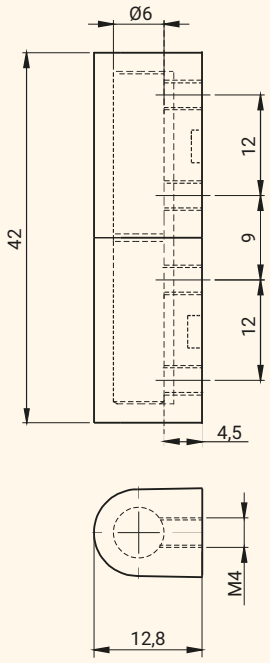


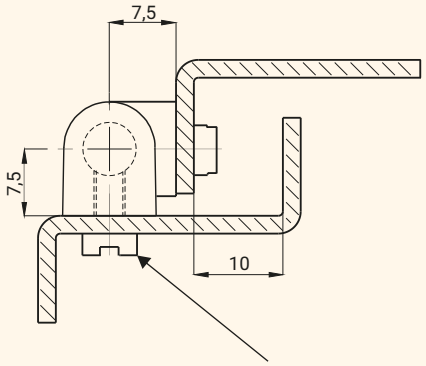


* not included in the scope of delivery

CATALOGUE NO.	COMPONENTS	MATERIAL
3.ZN158.002SN	Holder, Base, Pin	Stainless steel (AISI 316)

Hinge 3.ZN155



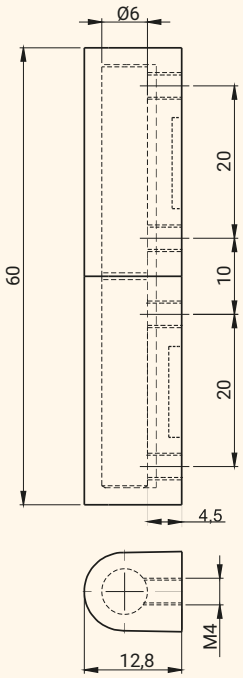


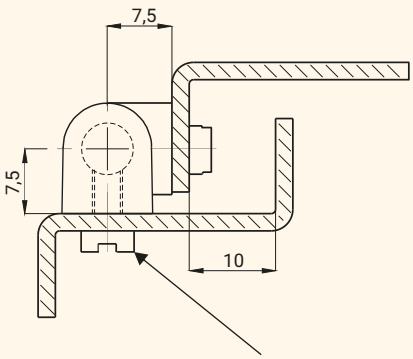
Screws M4 with cylindrial head
DIN 84, ISO1207**



* posibility to order stainless steel pin
** not included in the scope of delivery

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.ZN155.001	Holder, Base	ZAMAK 5	04
	Pin	Steel zinc plated, *	





Screws M4 with cylindrial head
DIN 84, ISO1207**



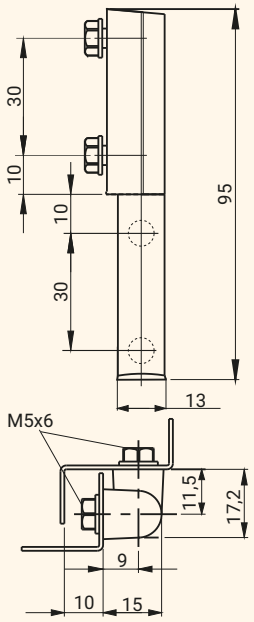
* posibility to order stainless steel pin
** not included in the scope of delivery

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.ZN155.002	Holder, Base	ZAMAK 5	04
	Pin	Steel zinc plated, *	

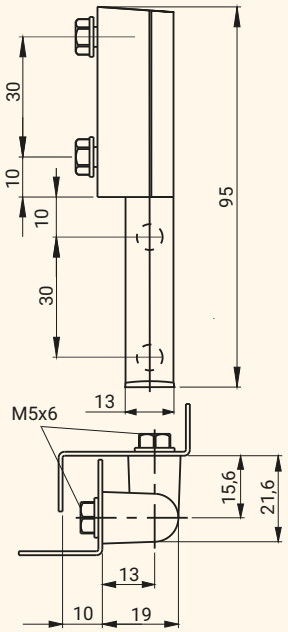
Hinge 3.ZN151, 3.ZN152, 3.520



3.ZN151.001



3.ZN152.001

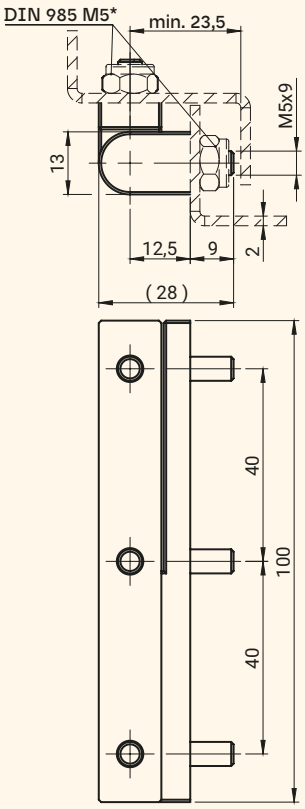


CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.ZN151.001 **3.ZN152.001**	Holder, Base	Polyamide	07
	Pin	Stainless steel	-

NEW | stainless steel | 180°





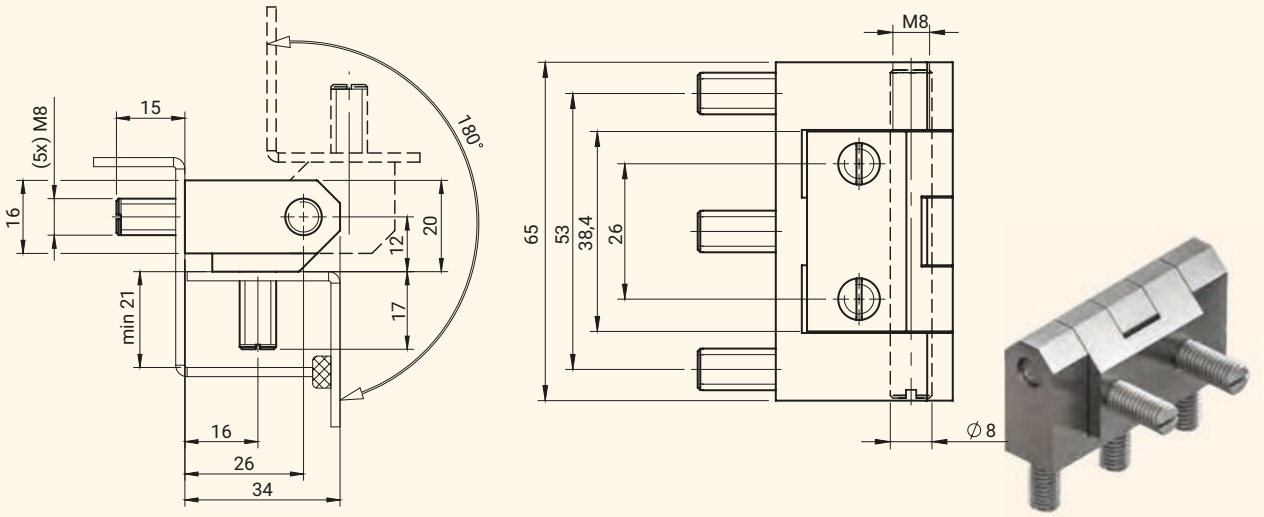


- Used in vandal-proof constructions,
- Made of stainless steel,
- Damage-resistant,
- Opening angle 180°

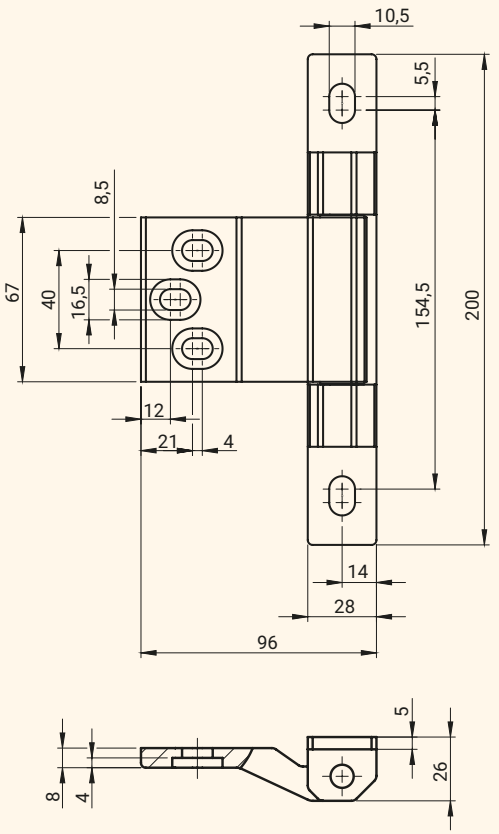
* not included in the scope of delivery.

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL9005
3.520.001	Holder, Base	Stainless steel	04
	Pin, Studs, Washer	Stainless steel	-

Hinge 3.ST126.001, 3.547



CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			Nickel
3.ST126.001	Holder, Base, Pin	Steel	02



stainless steel

180°

NEW



CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL9005
3.547	Holder,	Stainless steel	04
	Base Pin	Stainless steel	-

How to order:

3.547 — 04

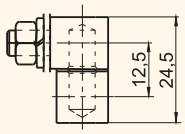
Catalogue number

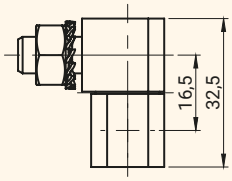
Finish [C]

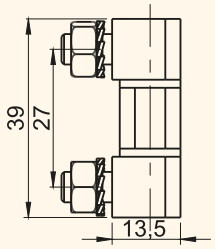
Hinge 3.STZH2, 3.STZH2.002, 3.STZH3
3.STZH3-1, 3.ST53, 3.ST73

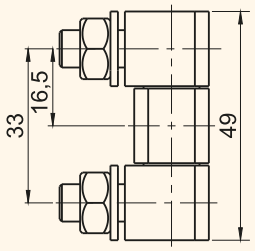
stainless steel







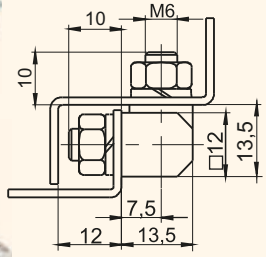




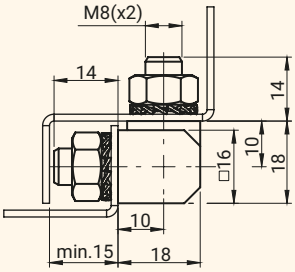
NEW



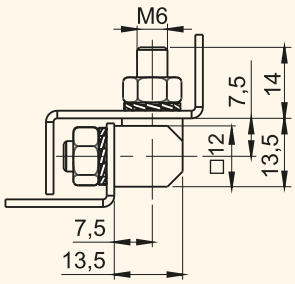




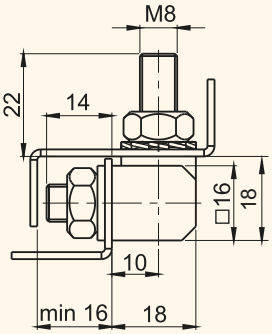
3.STZH2.001



3.STZH2-1.001



3.STZH3.001

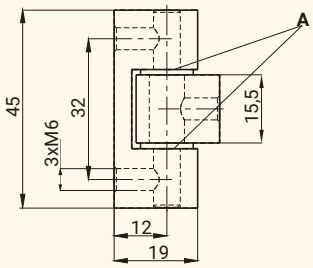


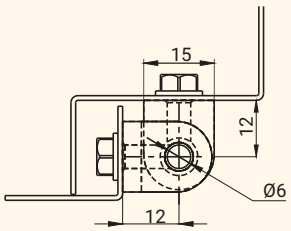
3.STZH3-1.001

* DIN 934 nuts and DIN 6798 washers are included in the scope of delivery.

CATALOGUE NO.		COMPONENTS	MATERIAL
3.STZH2.001 3.STZH2-1.001	3.STZH3.001 3.STZH3-1.001	Holder, Base, Pin	Steel zinc plated
3.STZH2.001SN 3.STZH2-1.001SN	3.STZH3.001SN 3.STZH3-1.001SN	Holder, Base, Pin	Stainless steel



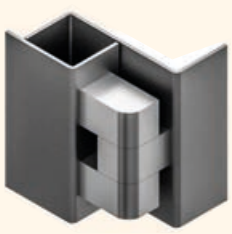


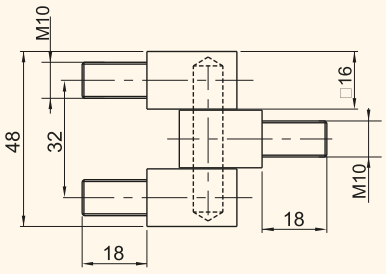


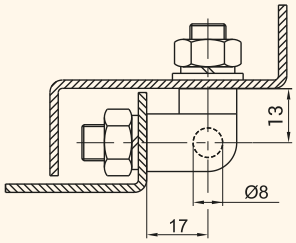
A - plastic washer

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			Chrome	RAL9005
3.ST53.001	Holder, Base	ZAMAK 5	01	04
	Pin	Stainless steel	-	
3.ST53.002	Holder, Base	Steel	01	04
	Pin	Stainless steel	-	





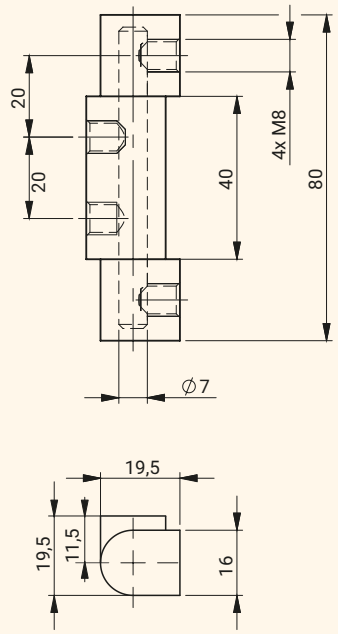




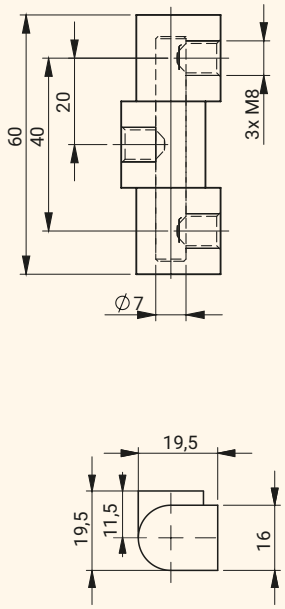
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST73.001	Holder, Base, Pin	Steel zinc plated

Hinge 3.504, 3.505, 3.506, 3.507

3.504.001



3.505.001





CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]		
			Galvanized	Chrome	RAL 9005
3.504.001 **3.505.001**	Holder, Base	Brass	00	01	04
	Pin	Steel zinc plated			

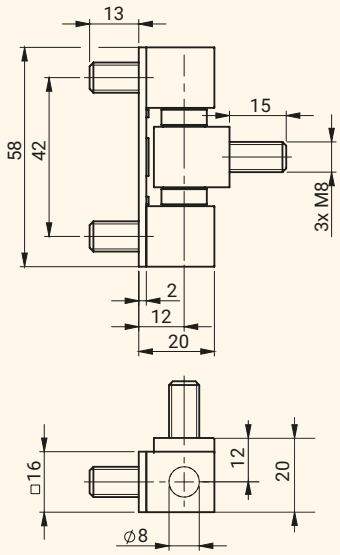
How to order:

Catalogue number

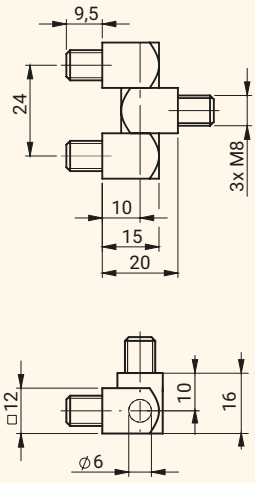
Finish

3.504.001 — C

3.506.001



3.507.001







CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			Nickel
3.506.001 **3.507.001**	Holder, Base	Steel	02
	Pin	Steel zinc plated	

How to order:

Catalogue number

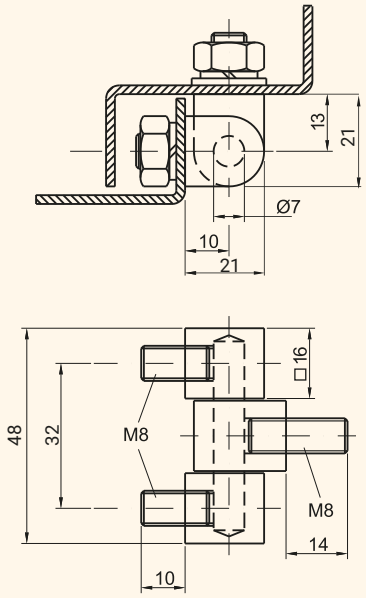
Finish

3.506.001 — C

Hinge 3.ST17, 3.ST18

stainless steel

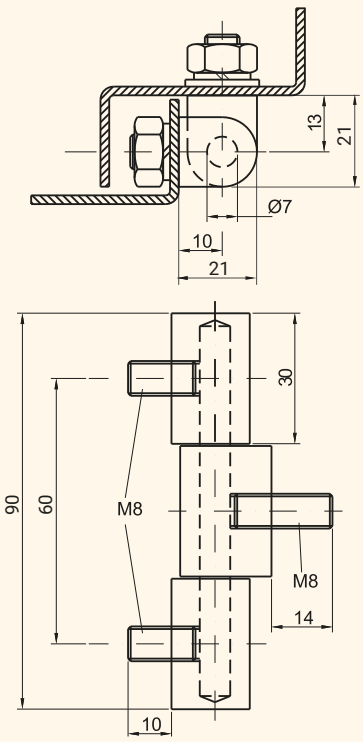




CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST17.001	Pin	Steel zinc plated
	Holder, Base	Brass
3.ST17.001SN	Holder, Base, Pin	Stainless steel

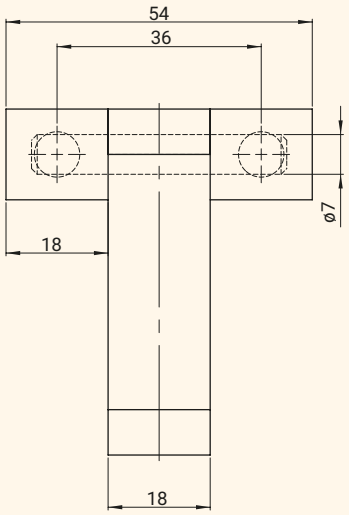
stainless steel

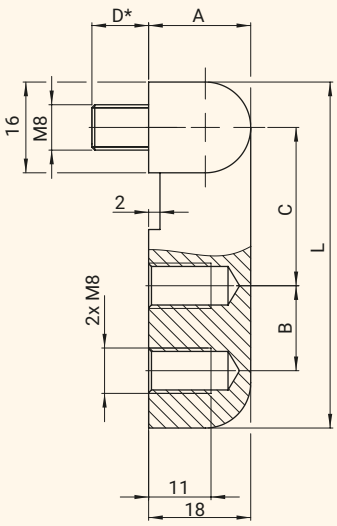




CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST18.001	Pin	Steel zinc plated
	Holder, Base	Brass
3.ST18.001SN	Holder, Base, Pin	Stainless steel

Hinge 3.ST21, 3.ST22



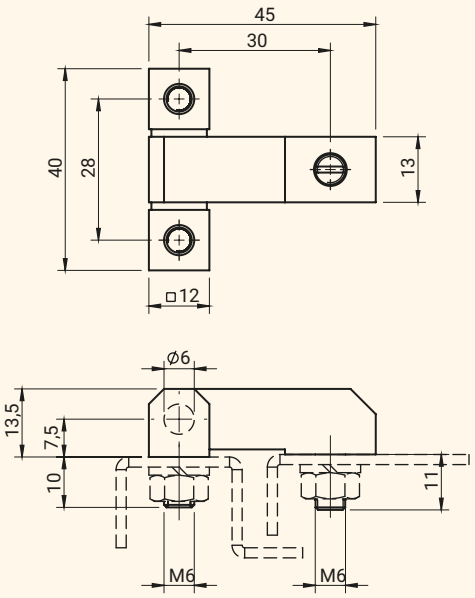


stainless steel



* possibilty to make in different dimension

CATALOGUE NO.	L	A	B	C	D	COMPONENTS	MATERIAL
3.ST21.001	61	18	15	28	10	Holder Base Pin	Steel zinc plated Brass zinc plated Steel zinc plated
3.ST21.102	71	18	15	38	10		
3.ST21.103	74	18	23	35	10		
3.ST21.104	93	18	30	45	20		
3.ST21.105	108	18	30	60	20		
3.ST21.106	93	25	30	45	20	Holder, Base Pin	Steel zinc plated
3.ST21.107	108	25	30	60	20		
3.ST21.001SN	61	18	15	28	10	Holder Base Pin	Stainless steel
3.ST21.102SN	71	18	15	38	10		
3.ST21.103SN	74	18	23	35	10		
3.ST21.104SN	93	18	30	45	20		
3.ST21.105SN	108	18	30	60	20		
3.ST21.106SN	93	25	30	45	20	Holder, Base Pin	Stainless steel
3.ST21.107SN	108	25	30	60	20		



stainless steel

180°

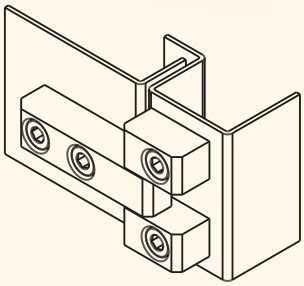


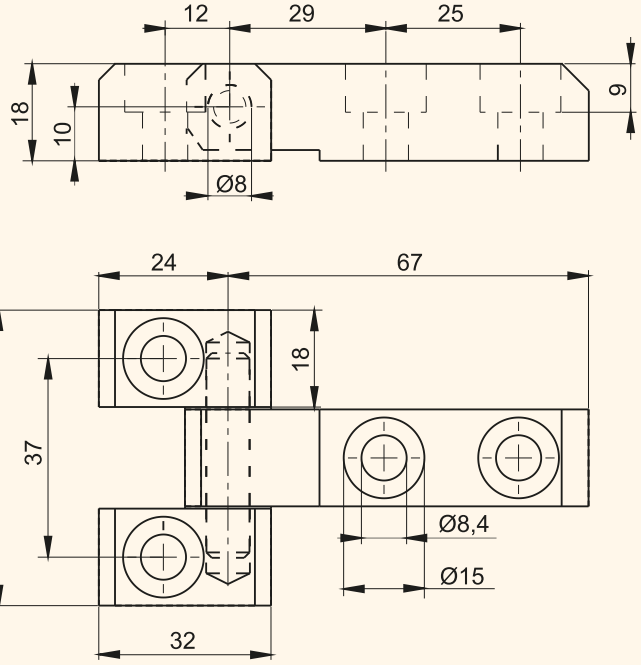
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST22.001	Holder, Base, Pin	Steel zinc plated
3.ST22.001SN	Holder, Base, Pin	Stainless steel

Hinge 3.ST29, 3.ST102

stainless steel

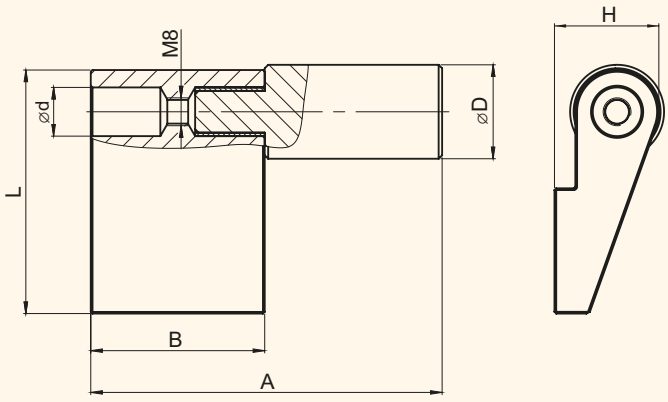






CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST29.001	Holder, Base	Steel zinc plated
3.ST29.001SN	Holder, Base	Stainless steel



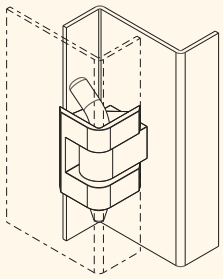


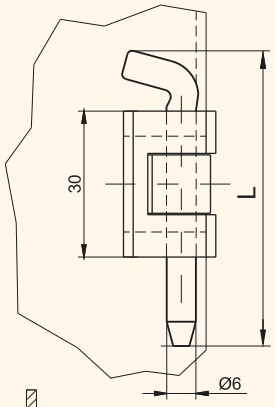
HINGE	D	d	L	H	A	B
3.ST102.00X	27	14	70	30	101	50
3.ST102.001	27	14	90	30	101	50
3.ST102.002	20	12	55,5	24	80	40

CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST102.006	Fin	Steel
	Pin	

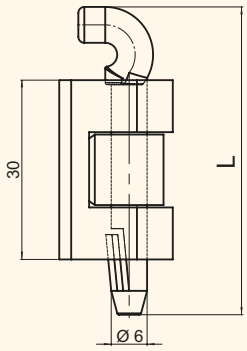
Hinge 3.ZN70, 3.ZN75

Version
3.ZN70.001
3.ZN70.002

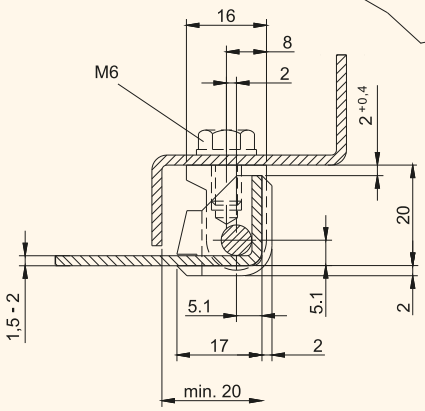


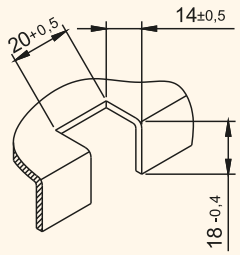


Version
3.ZN70.003



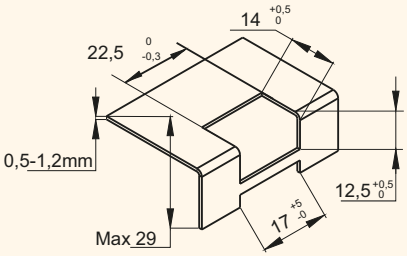


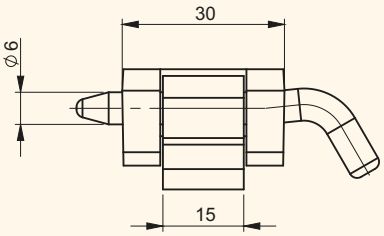


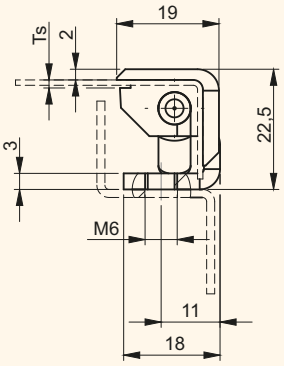


Cut out

CATALOGUE NO.	DIMENSION L [mm]		COMPONENTS	MATERIAL	FINISH [C]				
					Chrome	Nickel	RAL9005	RAL7035	RAL7032
3.ZN70.001	56,5	70	Holder, Base	ZAMAK 5	01	02	04	05	12
			Pin	Steel zinc plated					
3.ZN70.003	51,5		Holder,	ZAMAK 5					
			Base Pin	POM					
3.ZN70.002SN	56,5	70	Holder, Base, Pin	Stainless steel	-				









Ts - thickness of metal sheet [mm]

CATALOGUE NO.	Ts [mm]	COMPONENTS	MATERIAL	FINISH [C]			
				Chrome	Nickel	RAL9005	RAL7035
3.ZN75.003	0,8-1,2	Holder	ZAMAK 5	01	02	04	05
		Pin, Base	Steel zinc plated				
3.ZN75.004	1,5-2,0	Holder	ZAMAK 5				
		Pin, Base	Steel zinc plated				

How to order:

3.ZN75.001 — L — C

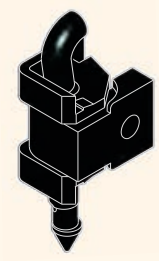
Catalogue number

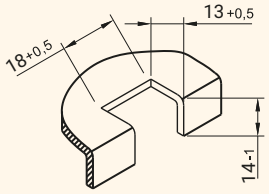
Dimension

Finish

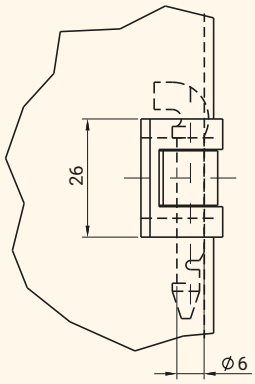
Hinge 3.ZN90, 3.ZN100

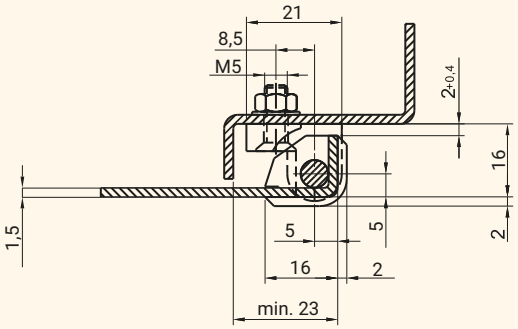


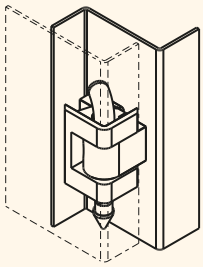




Cut out



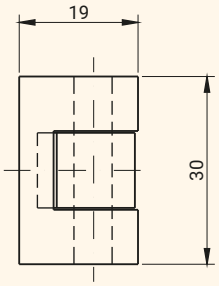


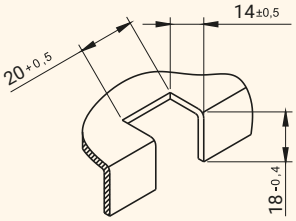


CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
3.ZN90.001	Holder, Base, Pin	Polyamide	07	08

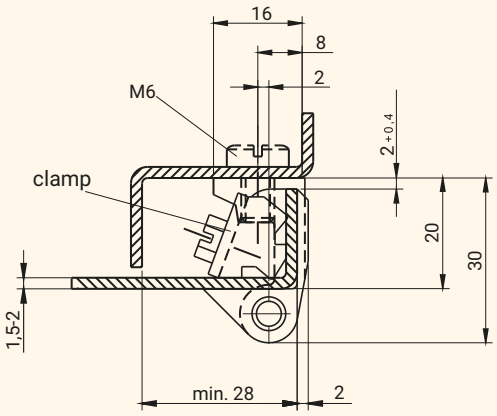


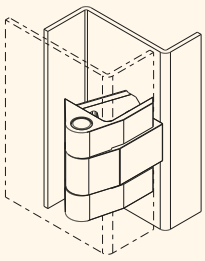






Cut out





* possibility to make a different color

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
3.ZN100.001	Holder, Base	ZAMAK 5	04	05
	Close tight element, Pin	Steel zinc plated		

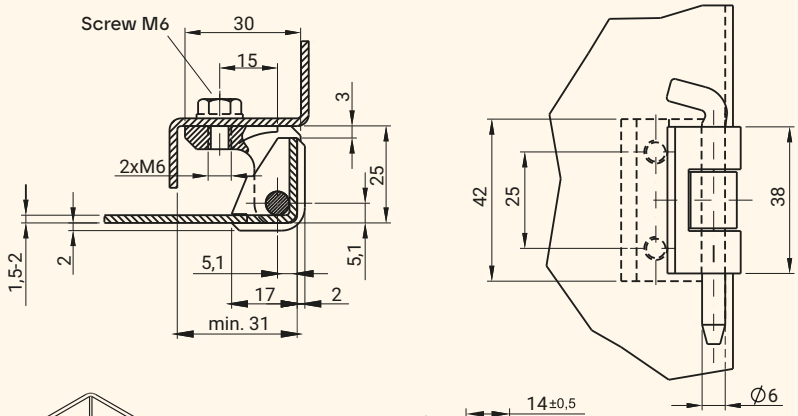
How to order:

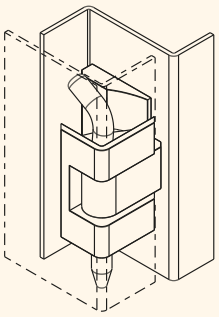
3.ZN100.001 — C

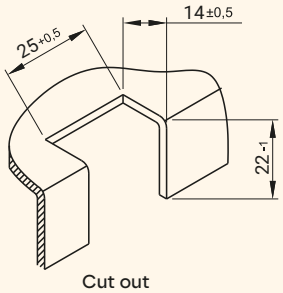
Catalogue number

Finish

Hinge 3.ZN80

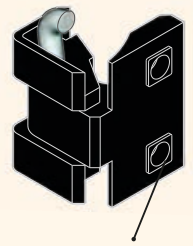






Cut out

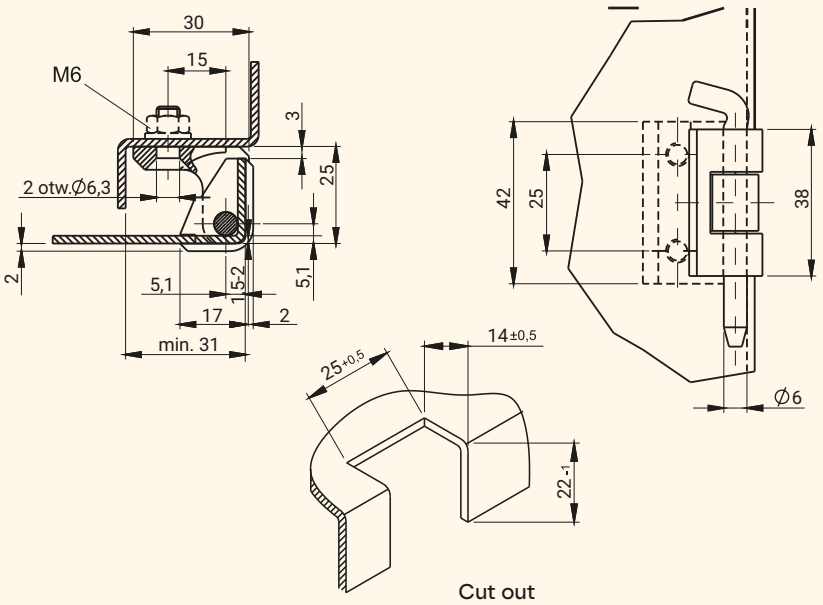




** - with weaning □ 8x1 mm

Can be ordered without thread
** possibility to order the hinge with the basewith weaning
* possibility to make a different color

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
3.ZN80.001	Holder, Base	ZAMAK 5	04	05
	Pin	Steel zinc plated		



Cut out



* possibility to make a different color

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
3.ZN80.002	Holder, Base	ZAMAK 5	04	05
	Pin	Steel zinc plated		

How to order:

3.ZN80.001 — C

Catalogue number

Finish

Hinge 3.ZN80SN, 3.ZN100SN

NEW

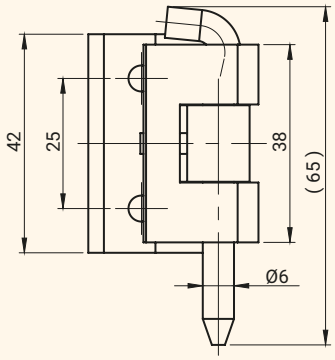


3.ZN80.003SN

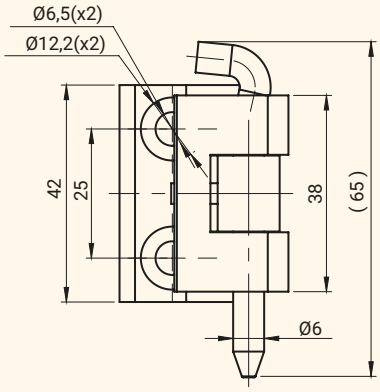


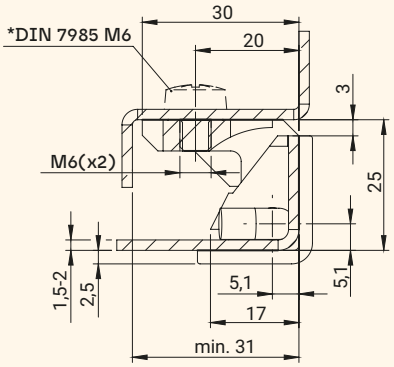
3.ZN80.004SN

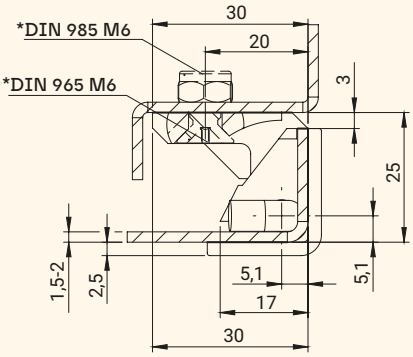
3.ZN80.003SN

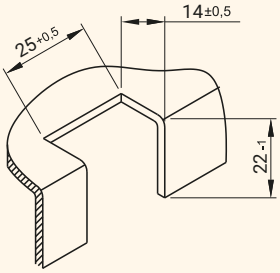


3.ZN80.004SN









Cut out

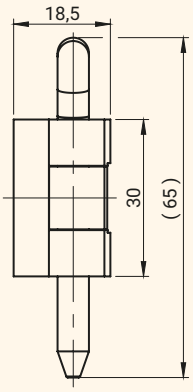
* not included in the scope of delivery

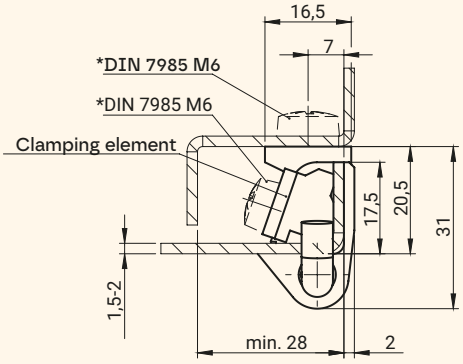
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ZN80.003SN	Holder, Base, Pin	Stainless steel (AISI 316)
3.ZN80.004SN		

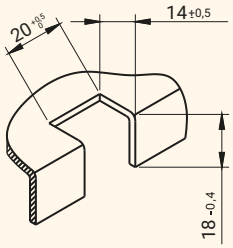
NEW











Cut out

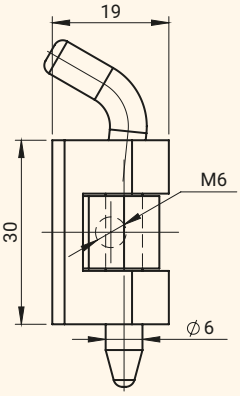
* not included in the scope of delivery

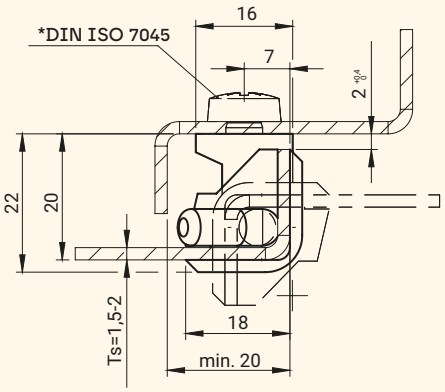
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ZN100.002SN	Holder, Base, Pin, Clamp	Stainless steel (AISI 316)

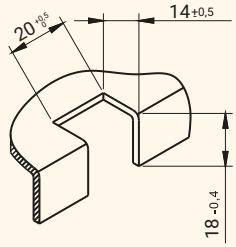
Hinge 3.ZN70SN, 3.ZN71SN

NEW









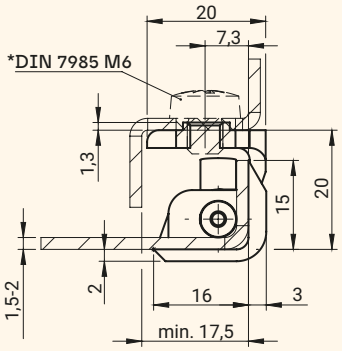
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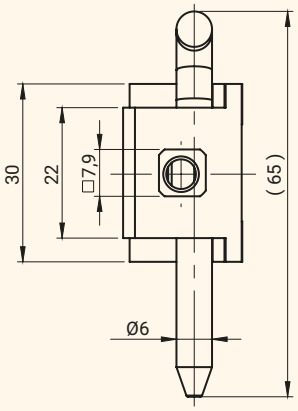
* not included in the scope of delivery

CATALOGUE NO.	COMPONENTS	MATERIAL
3.ZN70.004SN	Holder, base, pin	Stainless steel (AISI 316)

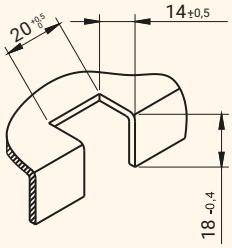
NEW











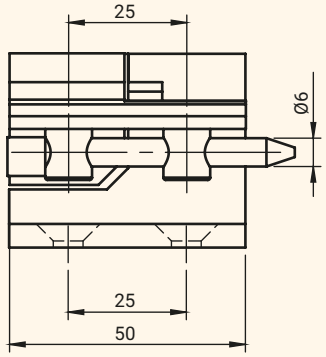
Cut out

* not included in the scope of delivery

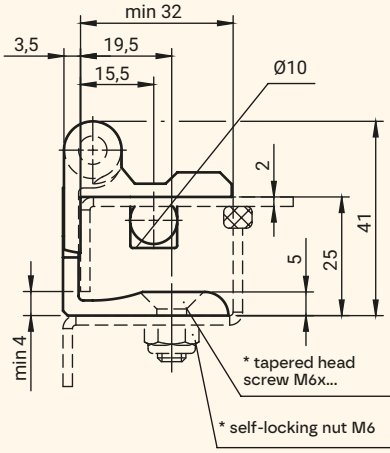
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ZN71.001SN	Holder, Base, Pin	Stainless steel (AISI 316)

Hinge 3.ZN150

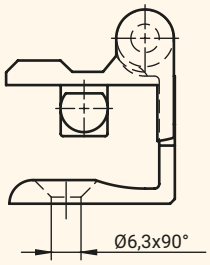




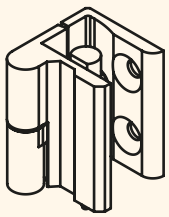
3.ZN150.001



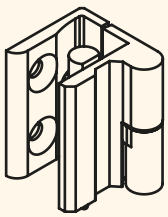
3.ZN150.002



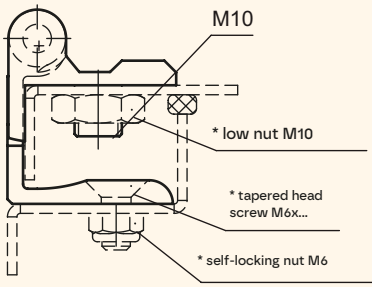
Left hinge



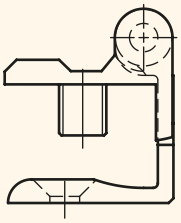
Right hinge



3.ZN150.007



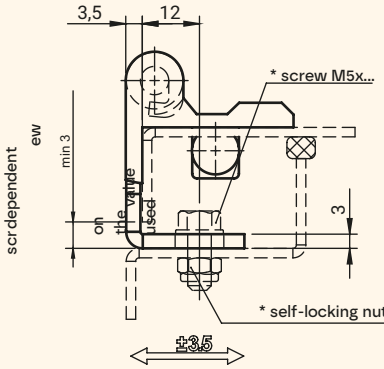
3.ZN150.008



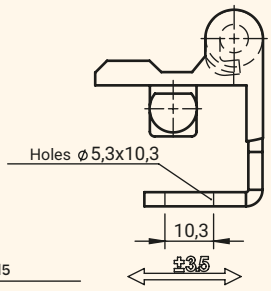
x



3.ZN150.005



3.ZN150.006



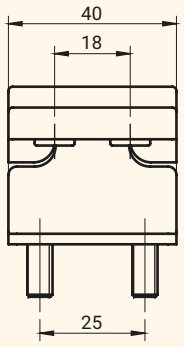
180° opening angle hinge with a lock to prevent the door from being removed from the cabinet when the door is closed and a door opening angle of less than ~60°

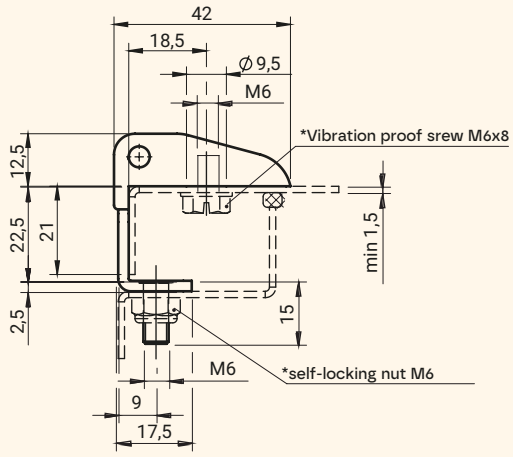
* not included in the scope of delivery

VERSION	CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
				RAL9005
Right	**3.ZN150.001** **3.ZN150.007**	Holder	ZAMAK 5	04
		Base	ZAMAK 5	
Left	**3.ZN150.002** **3.ZN150.008**	Screw	Poliamid	
		Pin	Steel zinc plated	-
Right	**3.ZN150.005**	Holder	ZAMAK 5	04
		Base	Steel	
Left	**3.ZN150.006**	Screw	Poliamid	
		Pin	Steel zinc plated	-

Hinge 3.ZN154

180°

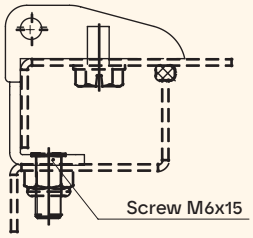




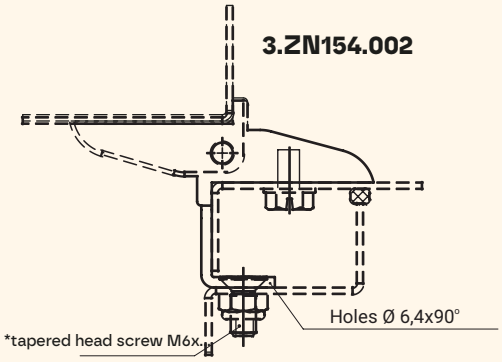
3.ZN154.001

3.ZN154.002

3.ZN154.001

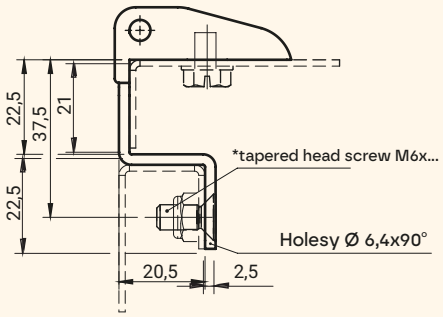


3.ZN154.002

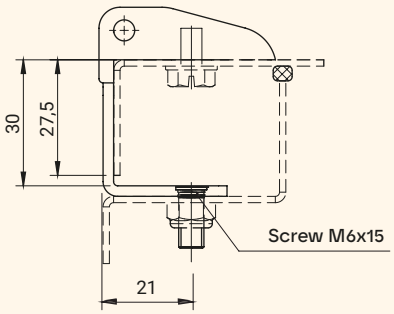


3.ZN154.003

3.ZN154.003



3.ZN154.010



3.ZN154.010

* not included in the scope of delivery

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
3.ZN154.001 **3.ZN154.002** **3.ZN154.003** **3.ZN154.010**	Holder	ZAMAK 5	04	05
	Base	Steel zinc plated		
	Pin	Stainless steel	-	-

How to order:

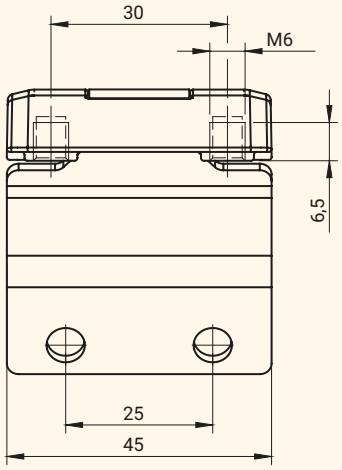
Catalogue number: 3.ZN154.001 —

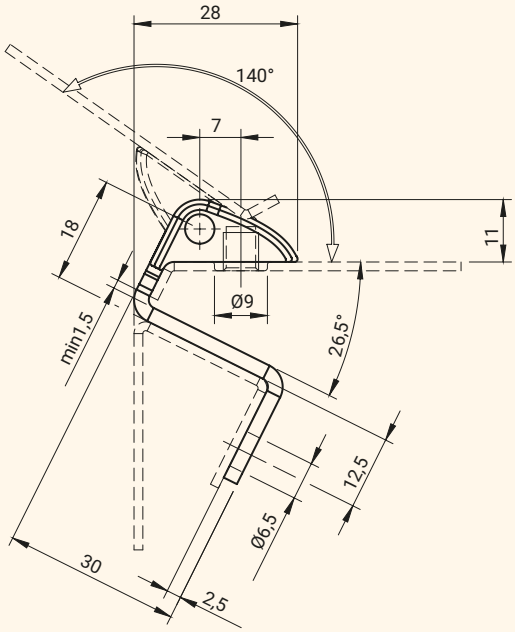
Finish: C

Hinge 3.ZN157.001, 3.ZN154.009

140°







CATALOGUE NO.	COMPONENTS	MATERIAŁ
3.ZN157.001	Holder	ZAMAK
	Base	Steel zinc plated
	Pin	Stainless steel

FINISH [C]	
RAL9005	RAL7035
04	05

How to order:

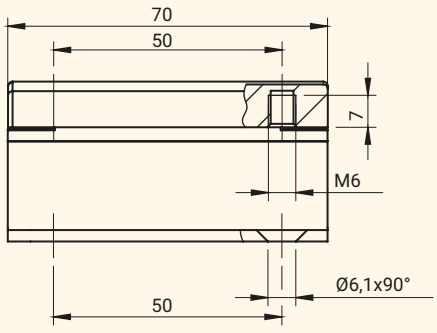
Catalogue number: 3.ZN157.001 — 04

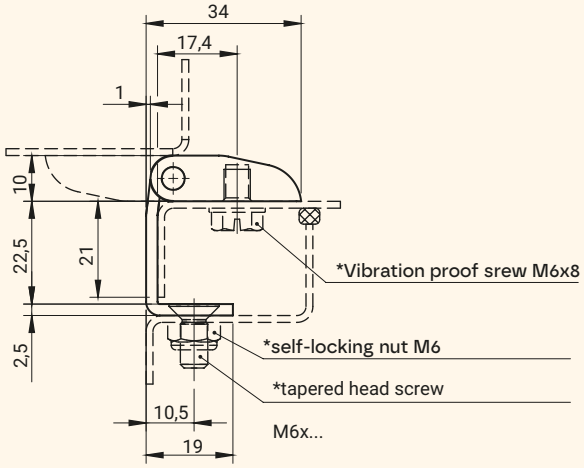
Finish [C]

stainless steel

180°







* not included in the scope of delivery

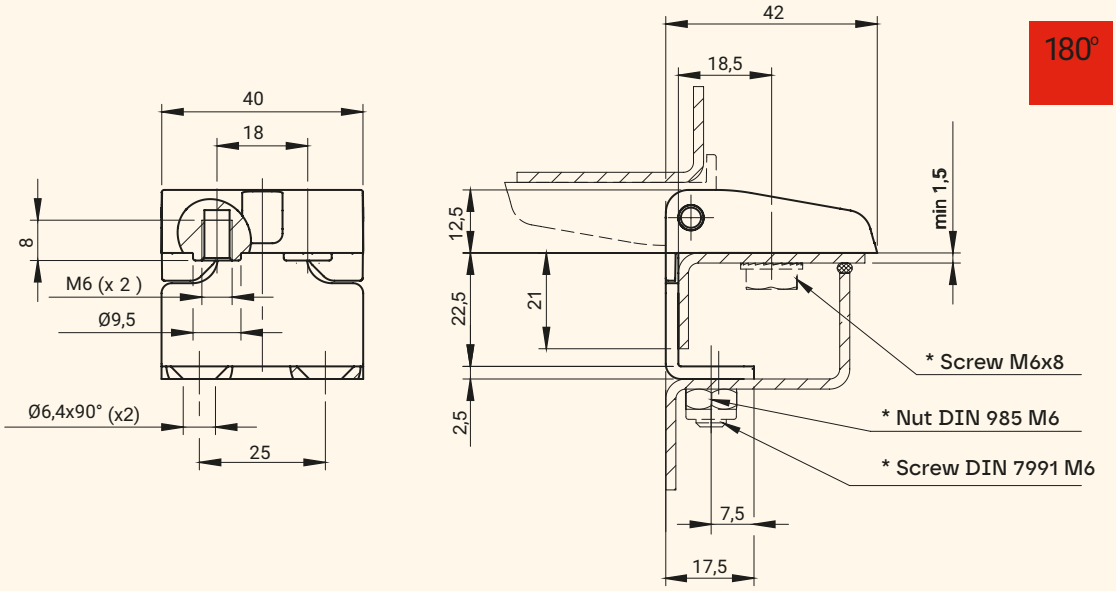
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL90050	RAL70350
3.ZN154.009	Holder	ZAMAK 5	4	5
	Base	Steel		
	Pin	Stainless steel	-	-

How to order:

Catalogue number: 3.ZN154.009 — 04

Finish [C]

Hinge 3.ZN159, 3.ZN160



180°

NEW

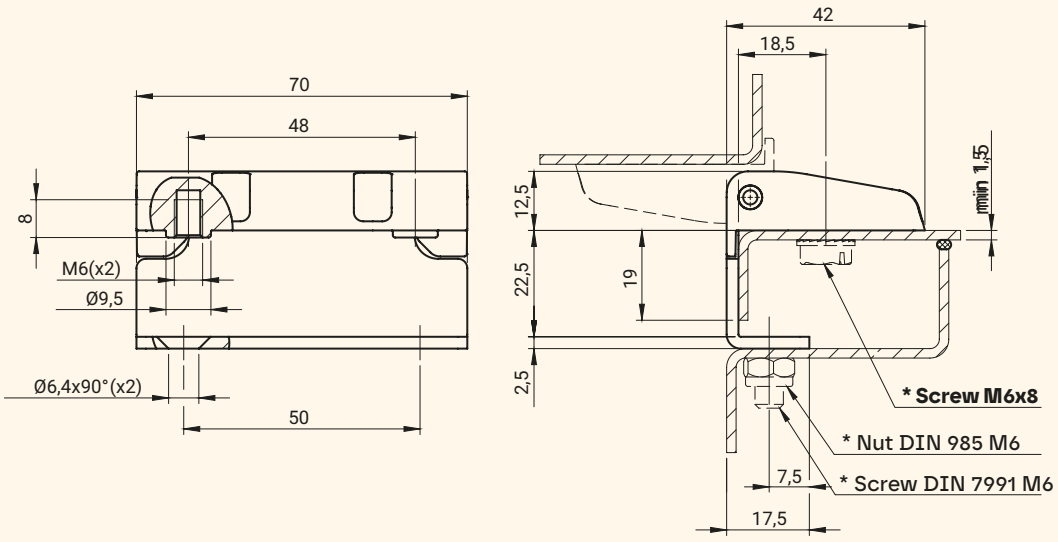


* not included in the scope of delivery

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
3.ZN159.001	Holder	ZAMAK 5	04	05
	Base	Steel Stainless		
	Pin	steel	-	-

How to order:
Catalogue number
Finish [C]

3.ZN159.001 — C



180°

NEW



* not included in the scope of delivery

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
3.ZN160.001	Holder	ZAMAK 5	04	05
	Base	Steel Stainless		
	Pin	steel	-	-

How to order:
Catalogue number
Finish [C]

3.ZN160.001 — C

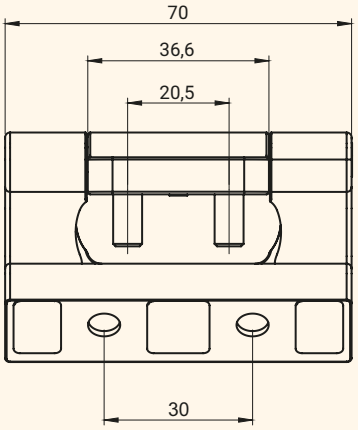
Hinge 3.ZN119

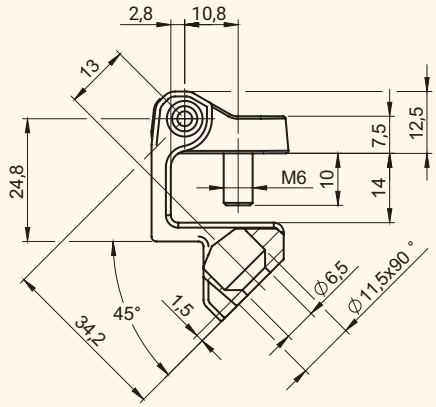
NEW

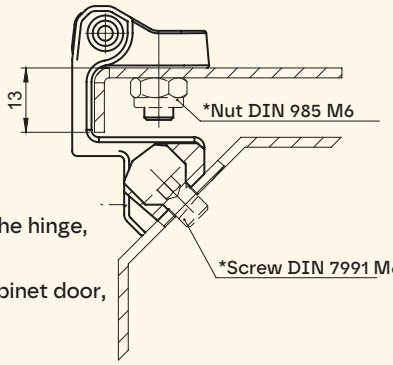
PATENTED

260°

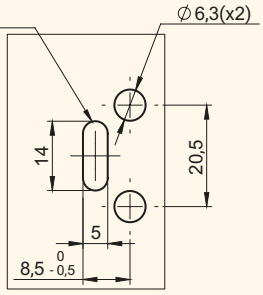




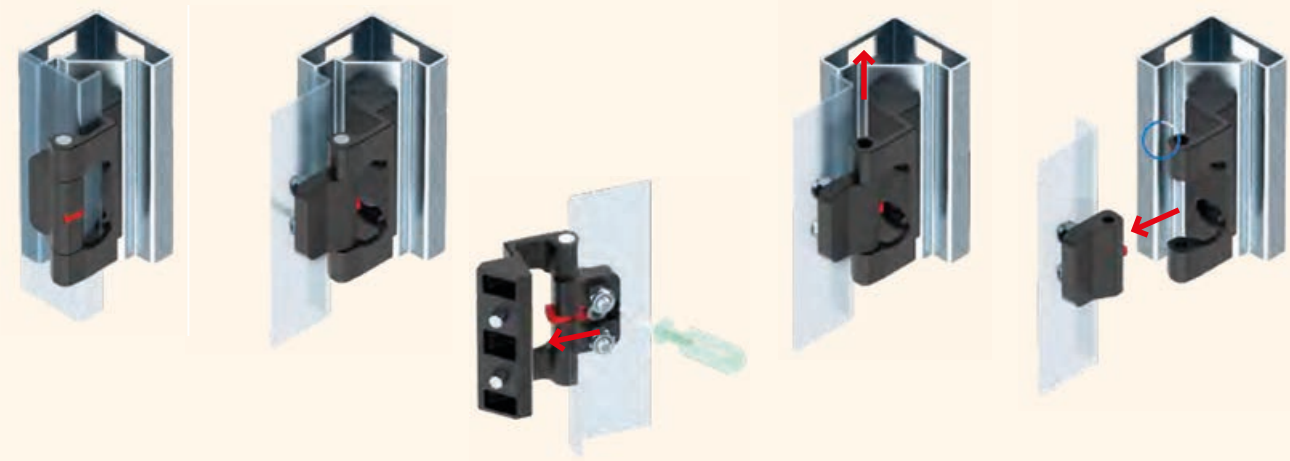




Cut out for unlocking the block to remove the pin



- Quick-release hinge,
- Free removal of the door without unscrewing the hinge,
- Visible locking position of the pin,
- Unlocking not possible without opening the cabinet door,
- Can be made to individual profiles,
- 260° opening angle
- Patent



* not included in the scope of delivery

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]			AXIAL STRENGTH yield strength
			RAL9005	RAL7035	RAL3020	
3.ZN119.001	Holder, Base	ZAMAK 5	04	05	13	1800 N
	Blockade Pin		04	05	-	
		Steel zinc plated	-	-	-	

How to order:

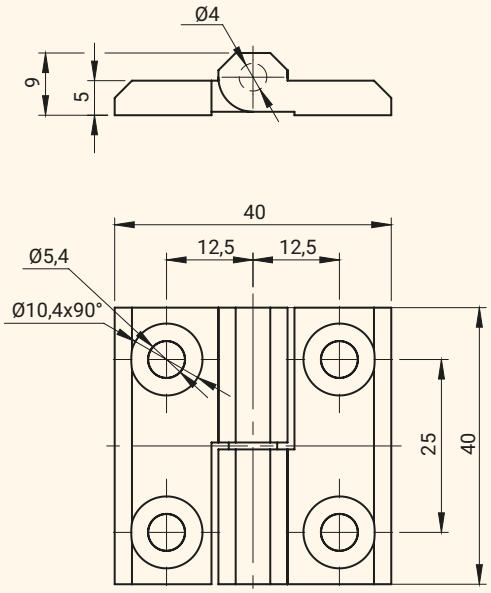
3.ZN119.001 — 04 — 13

Catalogue number

Finish[C]

Locking finish [C]

Hinge 3.ZN60



NEW



Version right
3.ZN60.201



Version left
3.ZN60.202

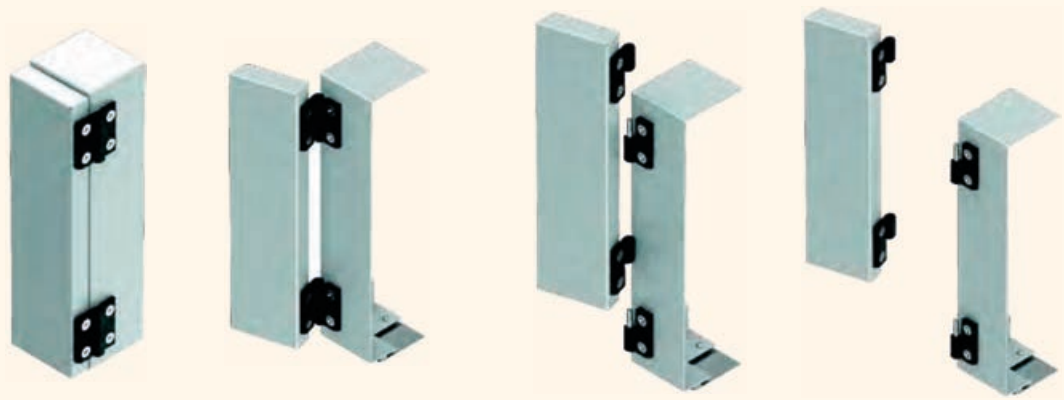


Version right
3.ZN60.201



Version left
3.ZN60.202

Door removal



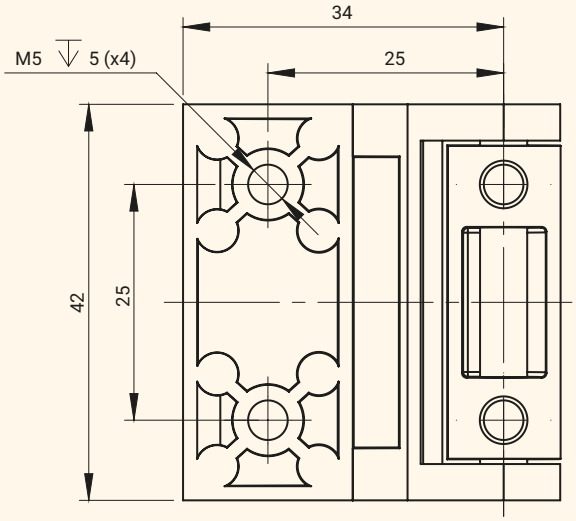
* Easy door removal without unscrewing the hinges

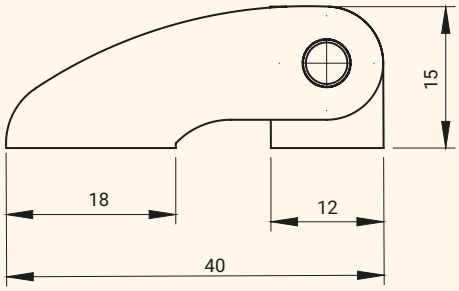
CATALOGUE NO.	VERSION	COMPONENTS	MATERIAL	FINISH [C]	
				RAL 9005	Chrome
3.ZN60.201	Right	Holder, Base	ZAMAK 5	04	01
3.ZN60.202	Left	Pin	Stainless steel	-	-

Hinge 3.580

NEW







CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	Chrome
3.580.001	Holder, Base	ZAMAK 5	04	05
	Pin	Stainless steel	-	-

How to order :

3.580.001 — 04

Catalogue number

Finish[C]

Test results for max. load of external hinges

CATALOGUE NO.	MAX. WORKING LOAD [N]		
	AXIAL FORCE	RADIAL FORCE	FORCE AT 90° BENDING
3.505.001	3160	-	3770
3.509.02	900	2140	-
3.509.12	1425	2395	-
3.509.32	875	2020	-
3.510.02	690	2100	-
3.510.12	660	2200	-
3.510.22	660	2200	-
3.510.32	650	2580	-
3.511.11	4420	4650	-
3.511.22	4420	4650	-
3.511.32	3735	5740	-
3.512.12	2850	5140	-
3.513.12	1930	3640	-
3.516.001	950	1490	-
3.517.003	540	520	-
3.518.001	370	260	-
3.518.002	510	460	-
3.519.04.00	520	1680	-
3.519.04.15	350	890	-
3.526.001	1910	1610	-
3.526.002	1910	1610	-
3.527.001	750	1470	-
3.535.001	1210	1130	-
3.544.001	1120	1090	-
3.544.002	1120	1090	-
3.545.001	710	1340	-
3.545.002	830	1720	-
3.547	2400	-	9200
CATALOGUE NO.	**AXIAL FORCE**	**RADIAL FORCE**	**ROTATING TORQUE[2] [Nm]**
3.572.001	450	300	0,45
3.572.101	450	300	0,45
3.572.002	450	300	0,45
3.572.102	450	300	0,45
3.572.003	450	300	0,45
3.572.103	450	300	0,45
CATALOGUE NO.	**AXIAL FORCE**	**RADIAL FORCE**	**FORCE AT 90° BENDING**
3.ST18.001	2470	2550	-
3.ST18.001SN	3190	3280	-
3.ST21.001	1330	4740	-
3.ST21.107	1430	5180	-
3.ST23.001	2440	1910	-
3.ST23.001SN	2540	3130	-
3.ST29.001	1280	5420	-
3.ST29.001SN	1240	-	-
3.ST35.001	3100	3320	-
3.ST35.001SN	2790	3180	-
3.ST37.001	730	410	-
3.ST37.001SN	1060	475	-

[1] The maximum working load is the value above which deformation or damage to the hinge will occur during operation. When calculating the permissible load, the designer is required to apply an appropriate safety factor, appropriate to the importance and safety level of the application.

[2] Nominal torque deviation: ±20% at 10.000 cycles.

Test results for max. load of external hinges

CATALOGUE NO.	MAX. WORKING LOAD [N]		
	AXIAL FORCE	RADIAL FORCE	FORCE AT 90° BENDING
3.ST48.001	1240	1210	-
3.ST48.002	2740	1160	-
3.ST48.003	1500	1150	-
3.ST48.001SN	1230	1470	-
3.ST48.002SN	2840	1590	-
3.ST48.003SN	1570	1530	-
3.ST53.001	1010	2490	-
3.ST55.001	1880	1760	-
3.ST55.001SN	2440	2510	-
3.ST56.002	1000	2500	-
3.ST56.002SN	1200	2940	-
3.ST56.100	1080	2850	-
3.ST56-2.001	1330	2990	
3.ST56-2.002	2310	3820	-
3.ST108.20Y	1700	1350	-
3.ST114.001	1580	1940	-
3.ST127.002SN	600	610	-
3.ST133.001SN	4100	7600	-
3.ST145.001SN	1660	1550	-
3.STZH3-1.001	1140	1430	-
3.ZN20.001	650	-	740
3.ZN30.101	410	560	-
3.ZN30.102	340	510	-
3.ZN30.103	330	660	-
3.ZN48-PA.001	1060	1580	-
3.ZN48-PA.101	1060	1580	-
3.ZN60.001	1770	2270	-
3.ZN60.002	1930	1970	-
3.ZN60.101	900	1620	-
3.ZN60.102	1080	1860	-
3.ZN60.103	990	1600	-
3.ZN67.001	2750	3430	-
3.ZN67.002	2750	3430	-
3.ZN70.001	1600	1400	-
3.ZN75.003	610	1390	-
3.ZN80.001	2440	2010	-
3.ZN80.002	2770	2780	-
3.ZN100.001	790	280	-
3.ZN105.001	1640	1000	-
3.ZN120.001	1180	-	-
3.ZN150.002	1200	330	-
3.ZN140.001	1180	350	-
3.ZN150.007	1230	320	1600
3.ZN120.002	1200	350	1600
3.ZN140.002	1180	420	-
3.ZN150.008	1180	420	-
3.ZN119.001	2010	420	-
3.ZN150.001	870	420	-

The maximum working load is the value above which deformation or damage to the hinge will occur during operation. When calculating the permissible load, the designer is required to apply an appropriate safety factor, appropriate to the importance and safety level of the application.

Test results for max. load of external hinges

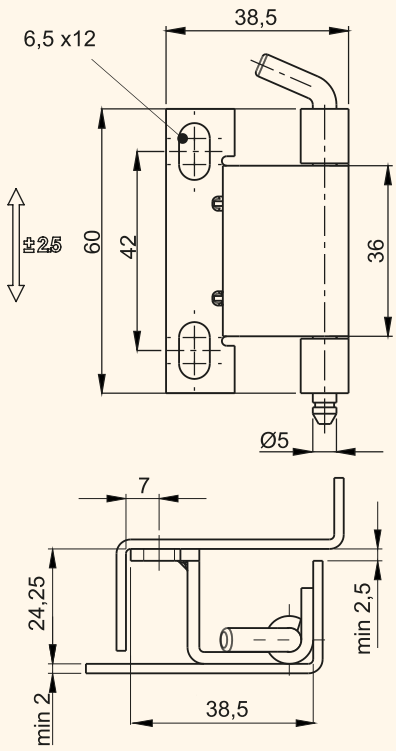
CATALOGUE NO.	MAX. WORKING LOAD [N]		
	AXIAL FORCE	RADIAL FORCE	FORCE AT 90° BENDING
3.ZN154.002	1230	410	-
3.ZN154.003	700	830	-
3.ZN154.009	1310	760	-
3.ZN155.001	1390	560	-
3.ZN155.002	1130	590	-
3.ZN158.001	1940	5190	-
3.ZN158.002SN	4120	5540	-
3.ZN159.001	1550	510	-
3.ZN160.001	1700	880	-
3.ZN210.001	2100	-	2200
3.ZN210.003	1400	-	1590

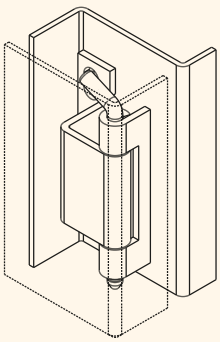
The maximum working load is the value above which deformation or damage to the hinge will occur during operation. When calculating the permissible load, the designer is required to apply an appropriate safety factor, appropriate to the importance and safety level of the application.

Hinge 3.ST4-1, 3.ST4





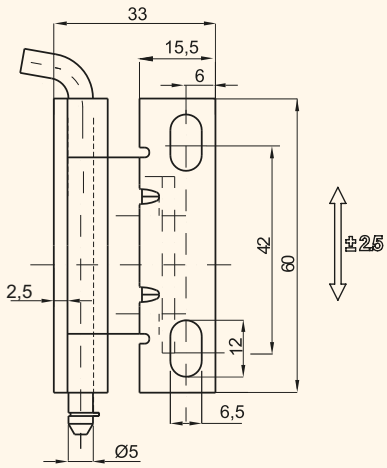


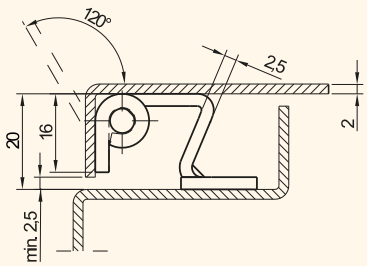


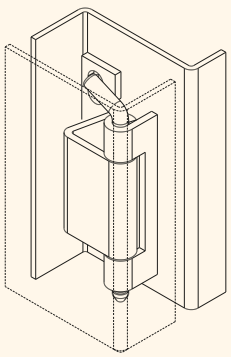
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST4-1.0013.S T4-1.001SN	Base, Pin	Steel zinc plated
	Holder	Steel
	Holder, Base, Pin	Stainless steel





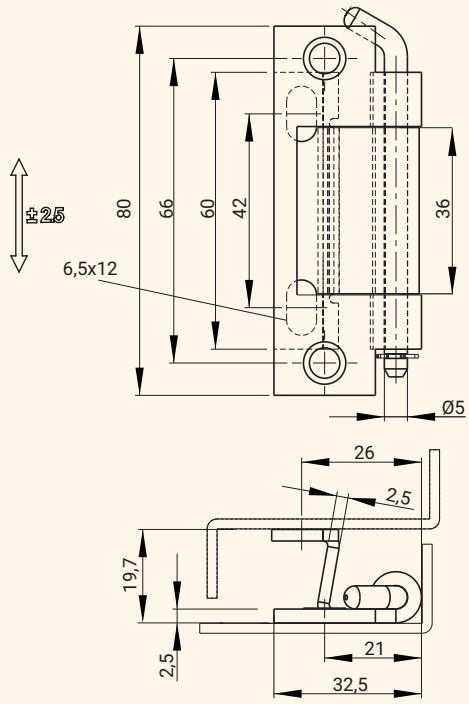






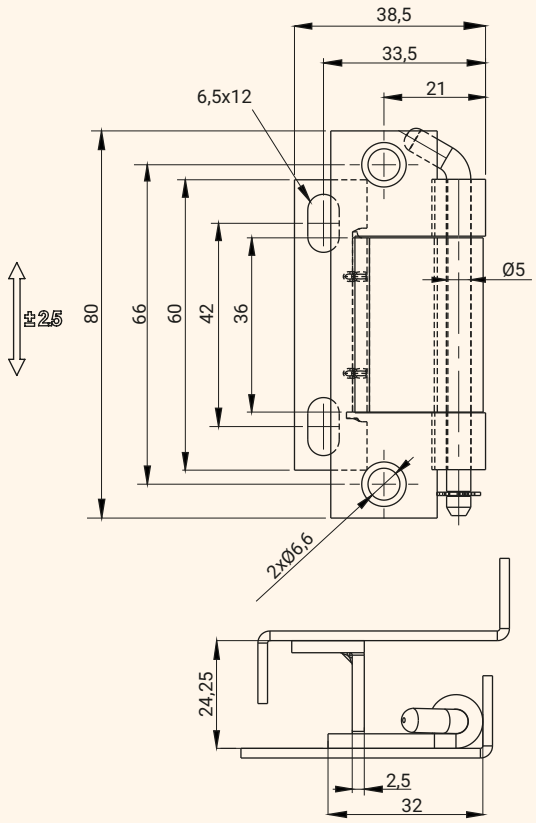
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST4.01 3.ST4.001SN	Base, Pin	Steel zinc plated
	Holder	Steel
	Holder, Base, Pin	Stainless steel

Hinge 3.ST4-2, 3.ST4-4





CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST4-2.001	Holder, Base, Pin	Steel zinc plated
3.ST4-2.001SN	Holder, Base, Pin	Stainless steel





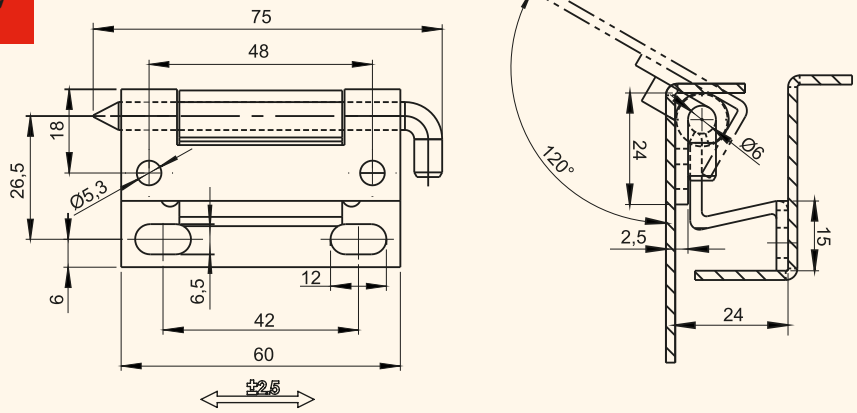
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST4-4.001	Holder, Base, Pin	Steel zinc plated
3.ST4-4.001SN	Holder, Base, Pin	Stainless steel

Hinge 3.ST27, 3.ST27-1, 3.ST54

stainless steel

y



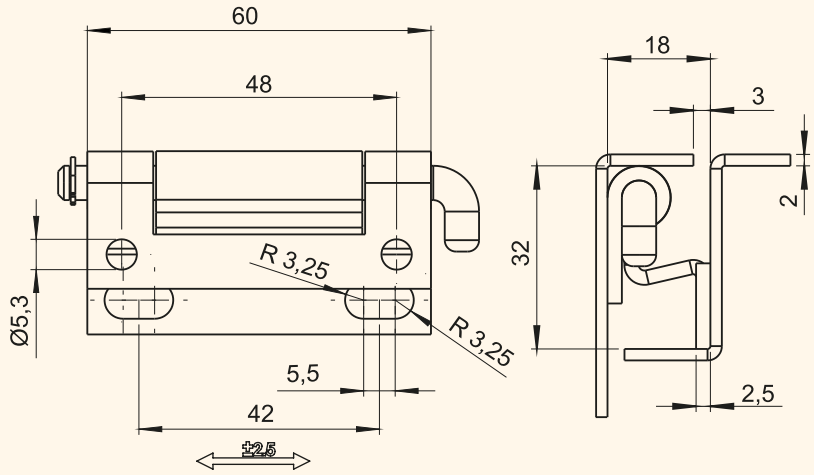


CATALOGUE NO.	COMPONENTS	MATERIAL
3.S27.001	Holder, Base, Pin	Steel zinc plated
3.ST27.001SNN	Holder, Base, Pin	Stainless steel

stainless steel

y

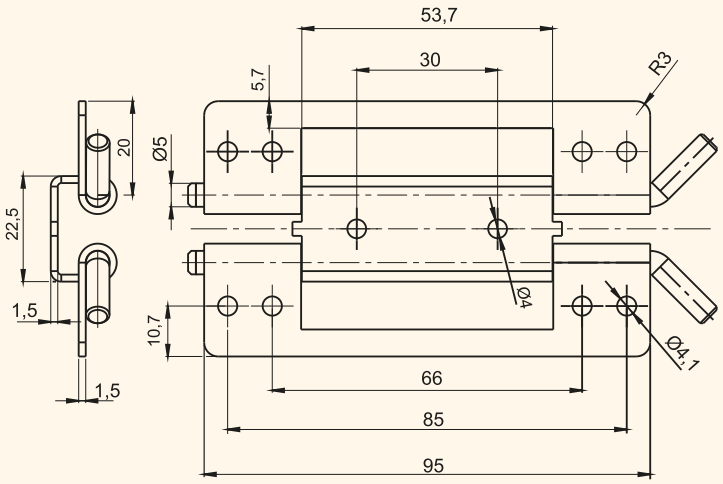




CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST27-1.001	Holder, Base, Pin	Steel zinc plated
3.ST27-1.001SN	Holder, Base, Pin	Stainless steel

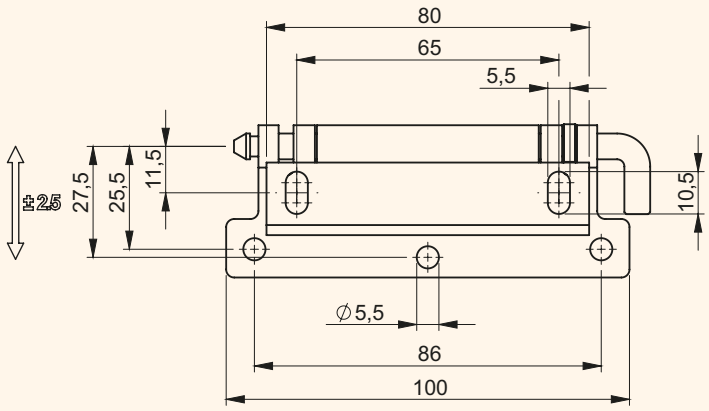
stainless steel

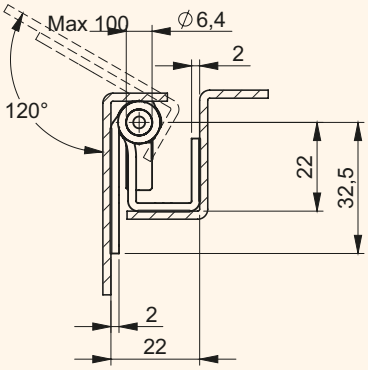




CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST54.001	Holder, Base, Pin	Steel zinc plated
3.ST54.001SN	Holder, Base, Pin	Stainless steel

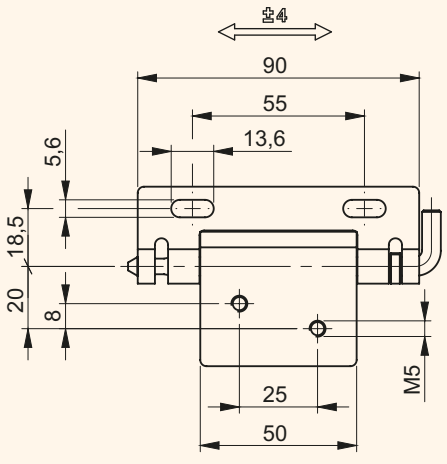
Hinge 3.ST115

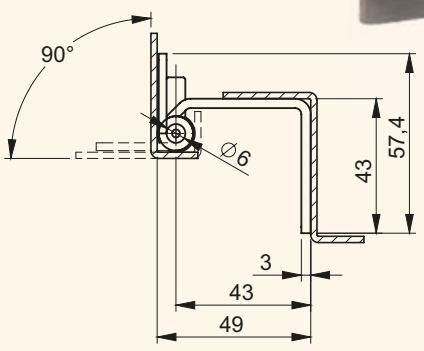


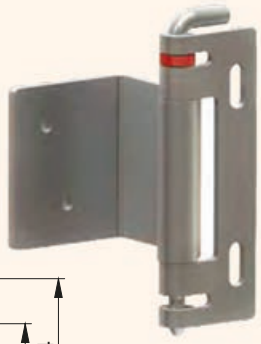




CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST115.001	Holder, Base,	Steel zinc plated
	Pin Blockade	POM
3.ST115.001SN	Holder, Base,	Stainless steel
	Pin Blockade	POM





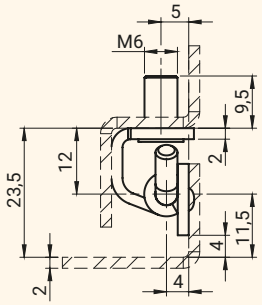


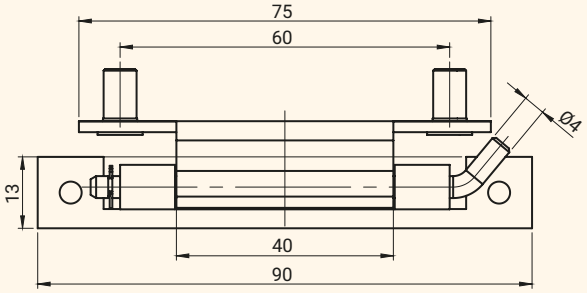
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST115.002	Holder, Base, Pin	Steel zinc plated
	Pin blockage	POM
3.ST115.002SN	Holder, Base, Pin	Stainless steel

Hinge 3.ST47, 3.ST13

stainless steel



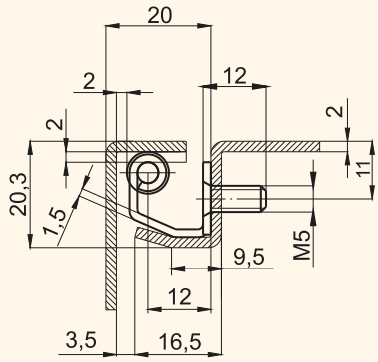


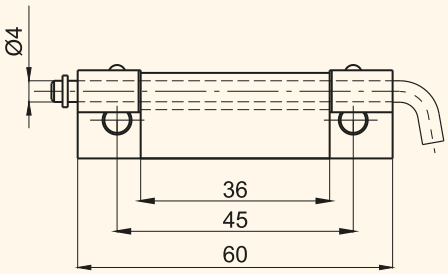


CATALOGUE NO.	COMPONENTS	MATERIAL
3.S47.001	Base, Pin	Steel zinc plated
	Holder	Steel
3.ST47.001SN	Holder, Base, Pin	Stainless steel

stainless steel





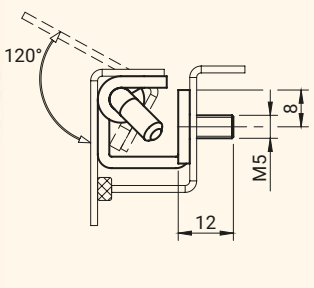


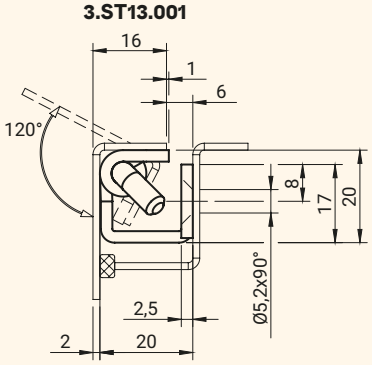
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST47.002	Base, Pin	Steel zinc plated
	Holder	Steel
3.ST47.002SN	Holder, Base, Pin	Stainless steel

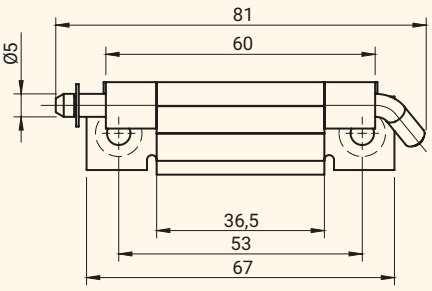
stainless steel



3.ST13.001

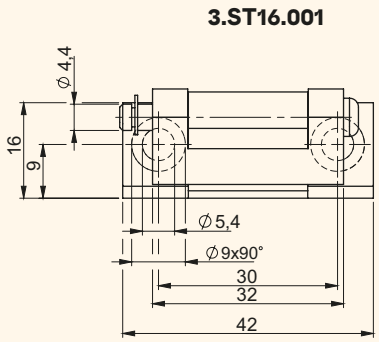


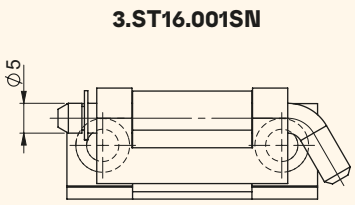


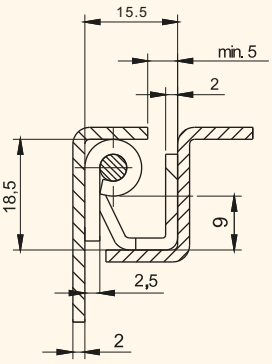


CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST13.001 3.ST13.002	Base, Pin	Steel zinc plated
	Holder	Steel
3.ST13.001SN 3.ST13.002SN	Holder, Base, Pin	Stainless steel

Hinge 3.ST16



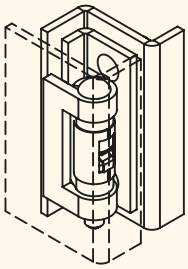


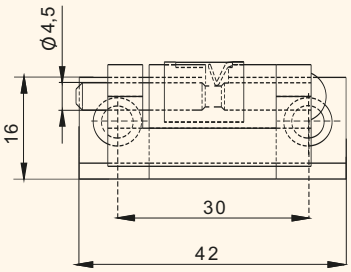


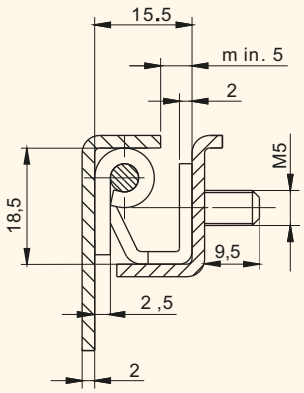
stainless steel



CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST16.001	Base, Pin	Steel zinc plated
	Holder	Steel
3.ST16.001SN	Holder, Base, Pin	Stainless steel



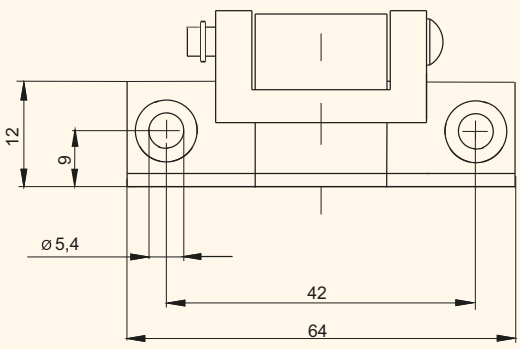


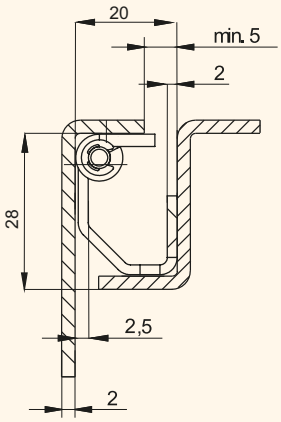


stainless steel



CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST16.004	Holder	Steel
	Base, Pin	Steel zinc plated
	Spring	Stainless steel





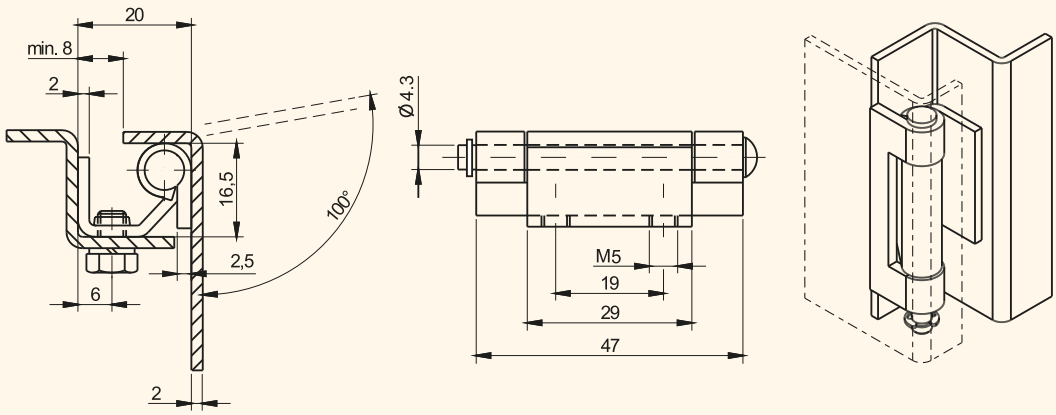


CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST16.006	Base, Pin	Steel zinc plated
	Holder	Steel

Hinge 3.ST5, 3.ST6

stainless steel

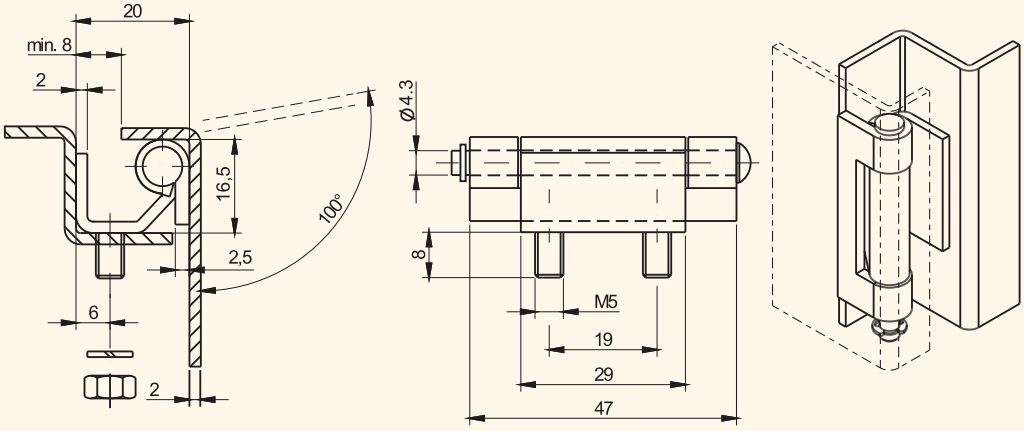




CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST5.001	Base, Pin	Steel zinc plated
	Holder	Steel
3.ST5.001SN	Holder, Base, Pin	Stainless steel

stainless steel



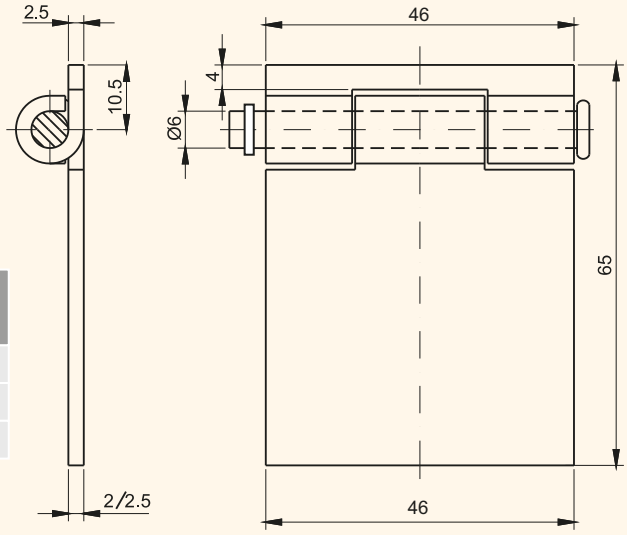


CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST6.001.X	Base, Pin	Steel zinc plated
	Holder	Steel
3.ST6.001SN.X	Holder, Base, Pin	Stainless steel

stainless steel

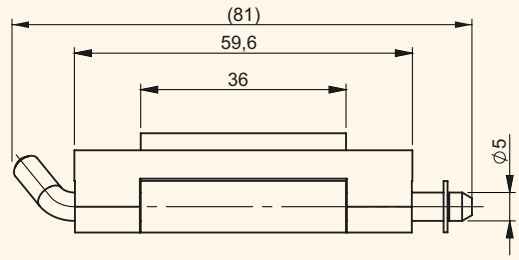


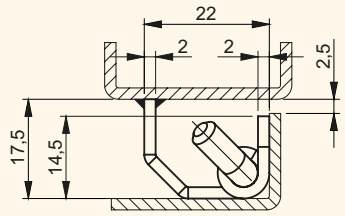
Thickness [mm]	X
1,5	01
2	02
2,5	03



CATALOGUE NO.	COMPONENTS	MATERIAL
3.T5.003	Holder, Base	Steel
	Pin	Steel zinc plated
3.ST5.003SN.X	Holder, Base, Pin	Stainless steel

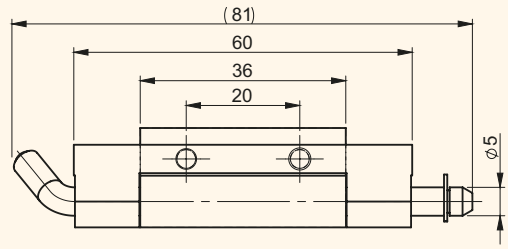
Hinge 3.ST43

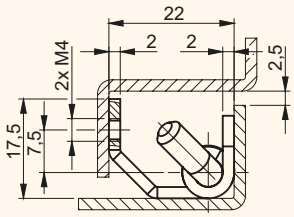






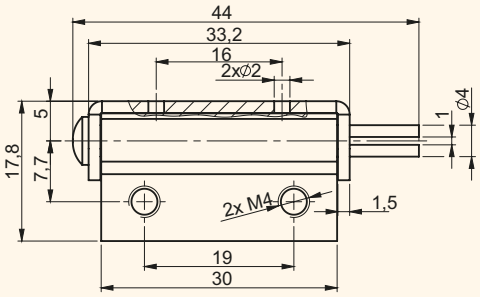
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST43.001	Holder	Steel
	Pin, Base	Steel
3.ST43.001SN	Holder, Base, Pin	Stainless steel

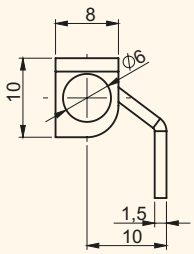






CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST43.002	Holder	Steel
	Pin, Base	Steel zinc plated
3.ST43.002SN	Holder, Base, Pin	Stainless steel





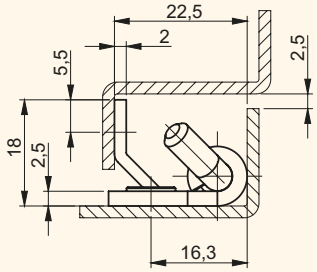


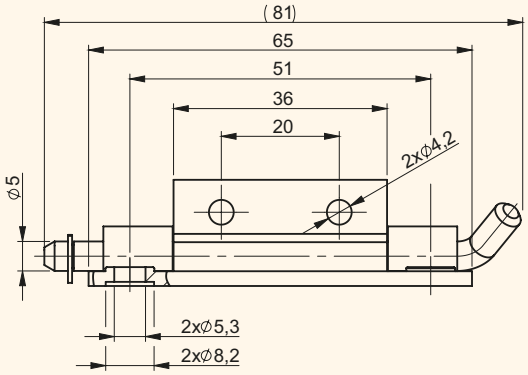
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST43-2.001	Holder, Base, Pin	Steel zinc plated
3.ST43-2.001SN	Holder, Base, Pin	Stainless steel

Hinge 3.ST43

stainless steel



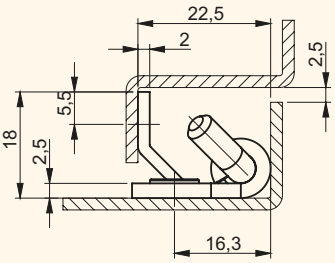


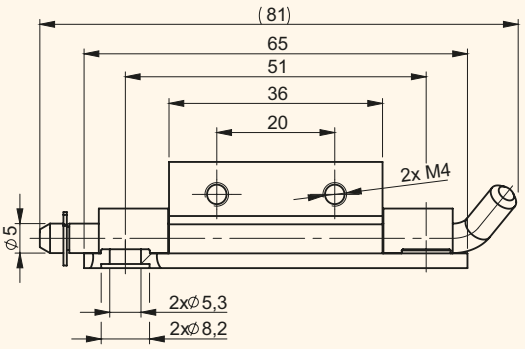


CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST43003	Holder, Pin	Steel zinc plated
	Base	Steel zinc plated
3.ST43.003SN	Holder, Base, Pin	Stainless steel

stainless steel



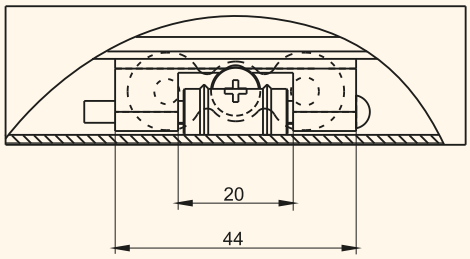


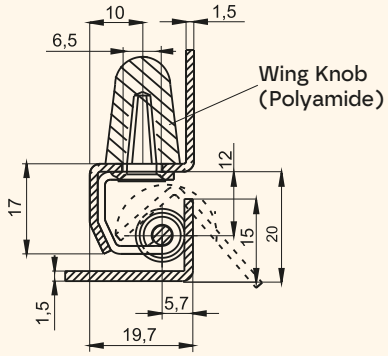


* - possibility to order the hinge version without cover

CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST43.004*	Holder, Pin	Steel zinc plated
	Base	Steel zinc plated
3.ST43.004SN	Holder, Base, Pin	Stainless steel

Hinge 3.ST32



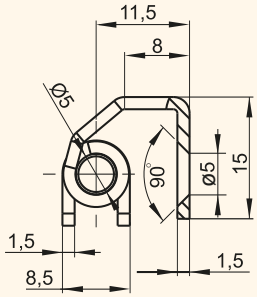


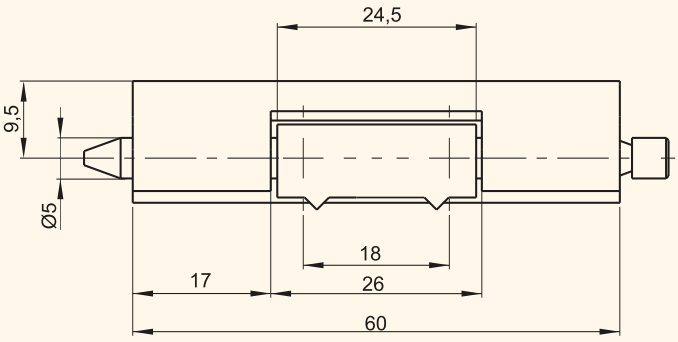
stainless steel



CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST32.001	Base, Pin	Steel zinc plated
	Holder	Steel
3.ST32.001SN	Holder, Base, Pin	Stainless steel

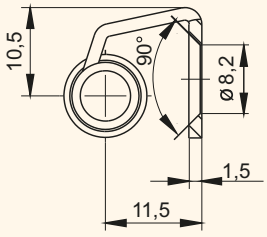
stainless steel

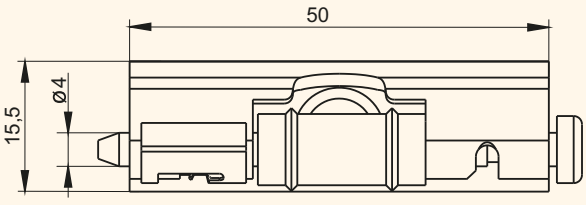






CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST32.003	Base, Pin	Steel zinc plated
	Holder	Steel
3.ST32.003SN	Holder, Base, Pin	Stainless steel







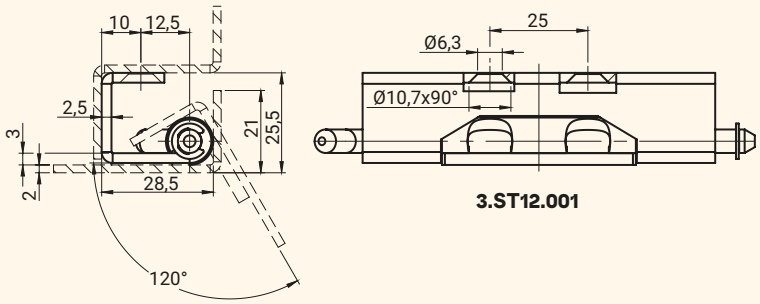
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST32.005	Base, Pin	Steel zinc
	Holder	plated Steel

Hinge 3.ST12, 3.ST12-2

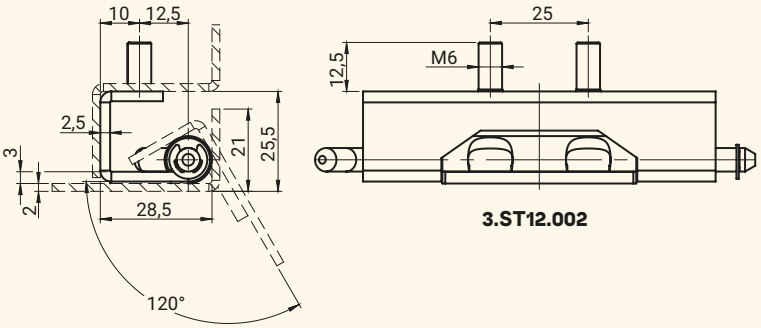
stainless steel x



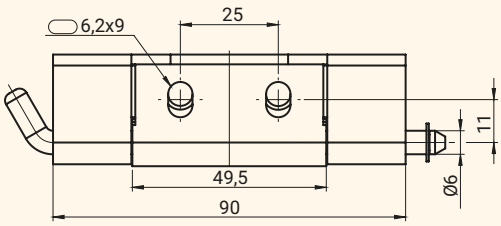




3.ST12.001



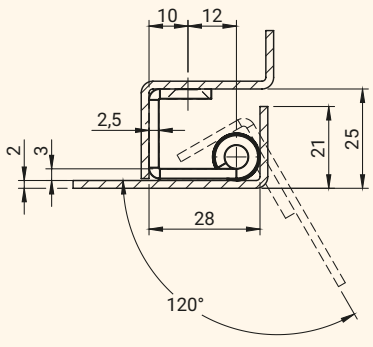
3.ST12.002

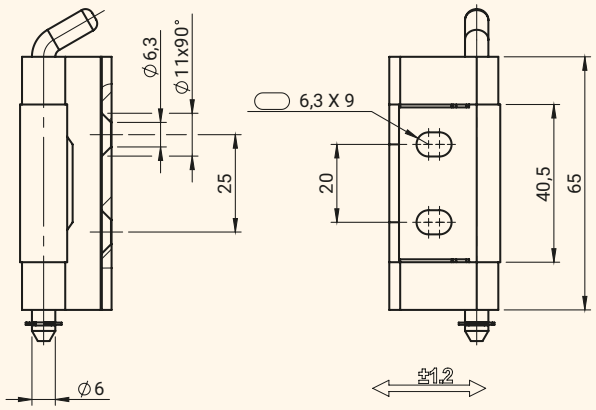


CATALOGUE NO.		COMPONENTS	MATERIAL
3.ST12.001	**3.ST12.002**	Holder, Base, Pin	Steel zinc plated
3.ST12.001SN	**3.ST12.002SN**	Holder, Base, Pin	Stainless steel

stainless steel x







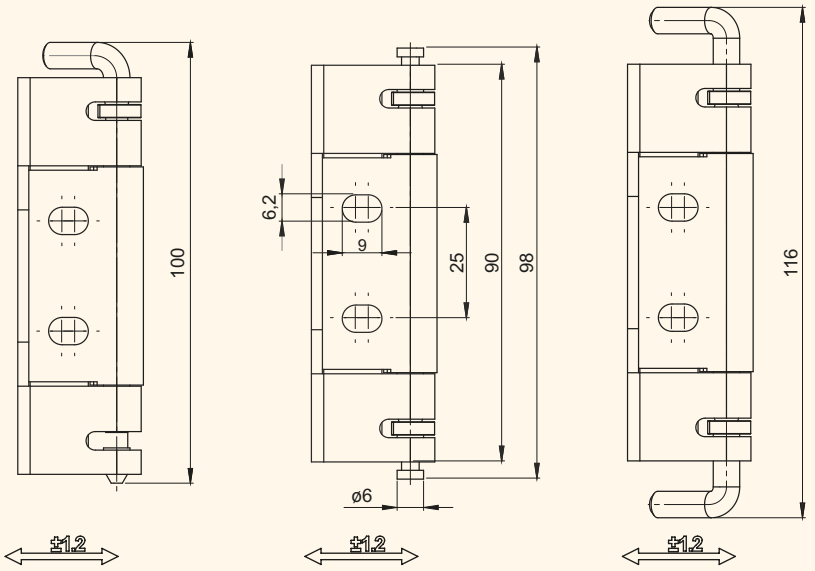
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST12-2.001	Holder, Base, Pin	Steel zinc plated
3.ST12-2.001SN	Holder, Base, Pin	Stainless steel

Hinge 3.ST12B, 3.ST12-1B

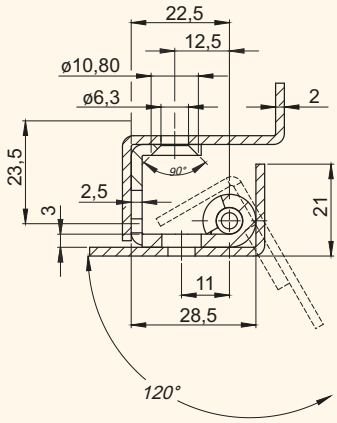
3.ST12B.001 **3.ST12B.002** **3.ST12B.003**

x

stainless steel

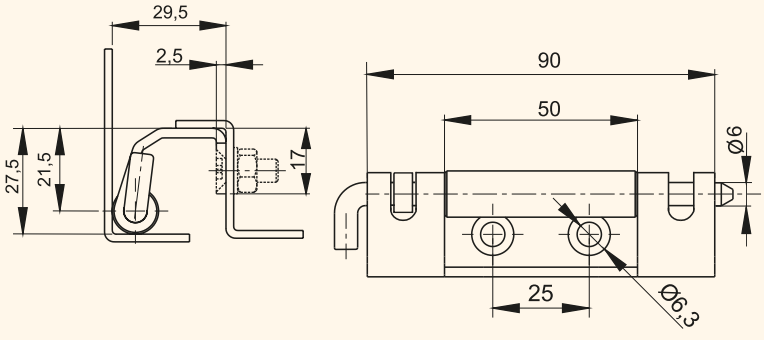






CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST12B.001 **3.ST12B.002** **3.ST12B.003**	Holder, Base, Pin	Steel zinc plated
	Blockade	POM
3.ST12B.001SN **3.ST12B.002SN** **3.ST12B.003SN**	Holder, Base, Pin	Stainless steel
	Blockade	POM

stainless steel



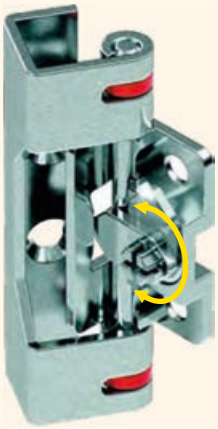


CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST12-1B.001	Holder, Base, Pin	Steel zinc plated
	Blocade	POM
3.ST12-1B.001SN	Holder, Base, Pin	Stainless steel

Hinge 3.ST147

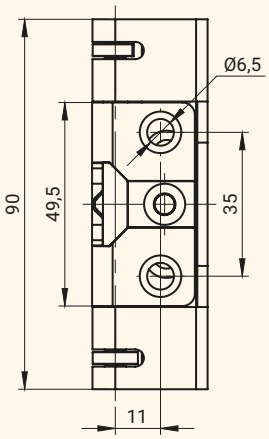
NEW

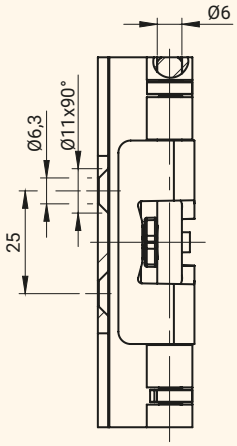
120°

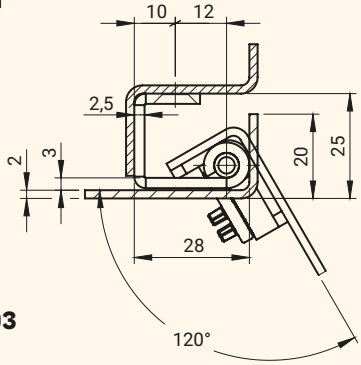


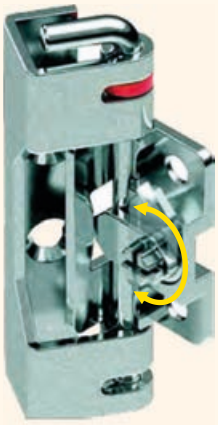
3.ST147.001

3.ST147.001



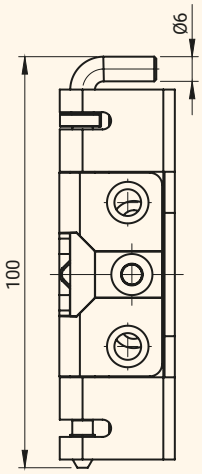




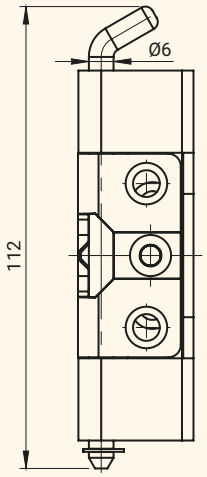


3.ST147.002

3.ST147.002

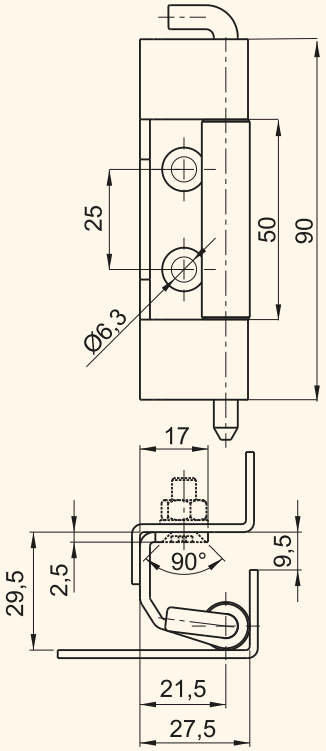


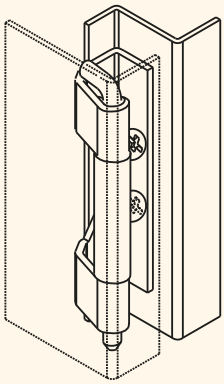
3.ST147.003



CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST147.001 **3.ST147.002**	Base, Pin	Steel zinc plated
	Holder	ZAMAK 5
	Blockade	POM
3.ST147.003	Base, Pin	Steel zinc plated
	Holder	ZAMAK 5

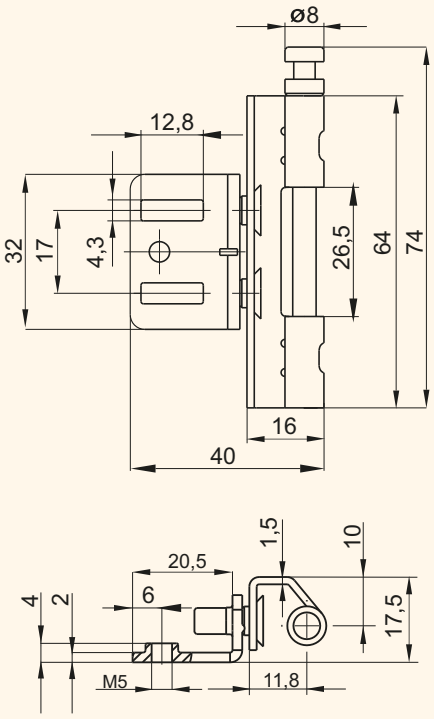
Hinge 3.ST12-1, 3.ST76







CATALOGUE NO.	COMPONENTS	MATERIAL Steel
3.ST12-1.001	Base, Pin	zinc plated
	Holder	Steel
3.ST12-1.001SN	Holder, Base, Pin	Stainless steel



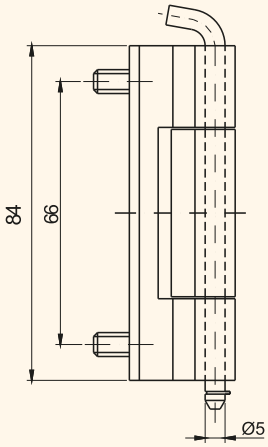


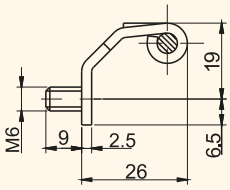
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST76.001	Holder, Base, Pin	Steel zinc plated
3.ST76.001SN	Holder, Base, Pin	Stainless steel

Hinge 3.ST19-2, 3.537, 3.ST13.004

stainless steel



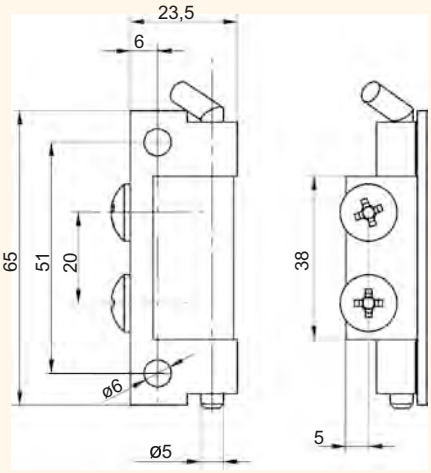


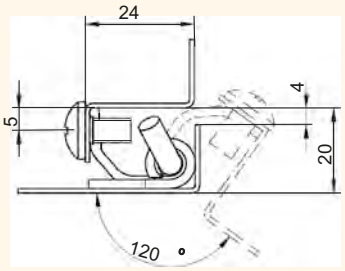


CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST19-2.001	Base, Pin	Steel zinc plated
	Holder	Steel
3.ST19-2.001SN	Holder, Base, Pin	Stainless steel

stainless steel







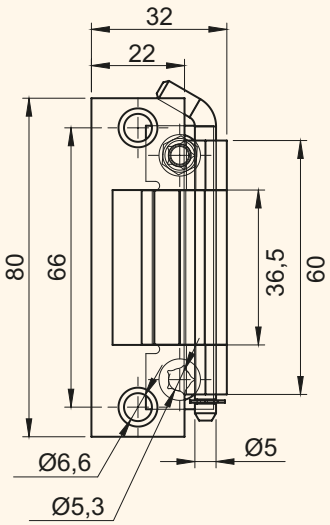
CATALOGUE NO.	COMPONENTS	MATERIAL
3.37.001	Holder, Base, Pin	Steel zinc plated
3.537.001SN	Holder, Base, Pin	Stainless steel

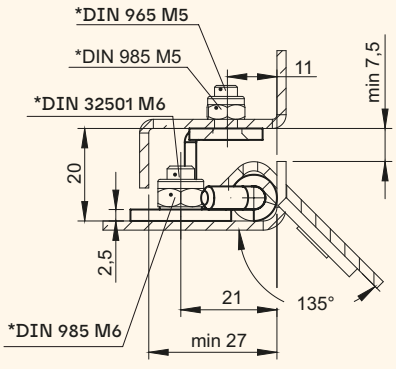
NEW

stainless steel





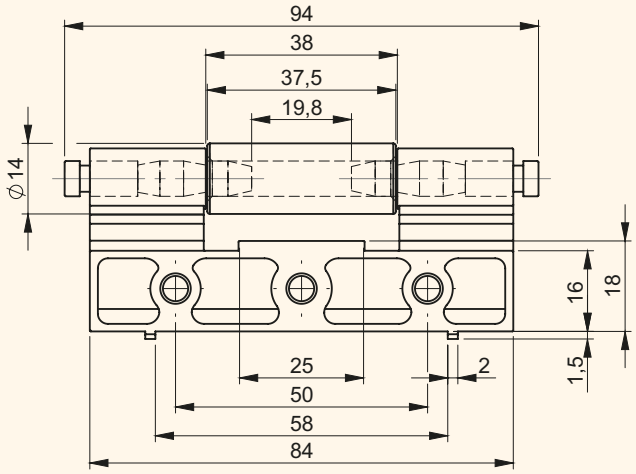


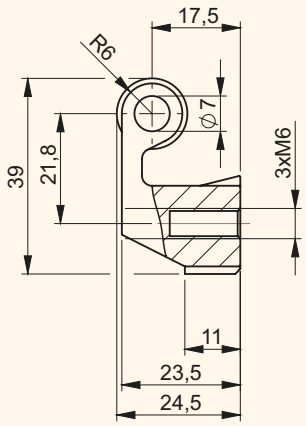


* To be ordered separately

CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST13.004	Holder, Base, Pin	Steel zinc plated
3.ST13.004SN	Holder, Base, Pin	Stainless steel

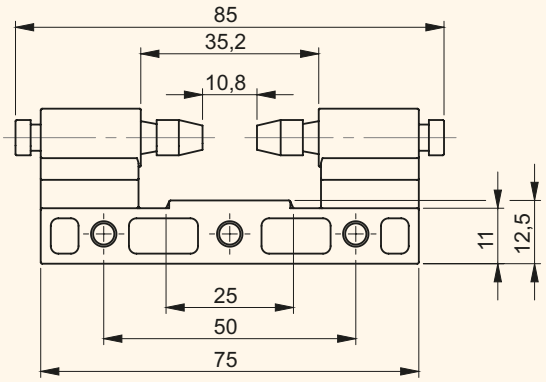
Hinge 3.ST556, 3.ST557

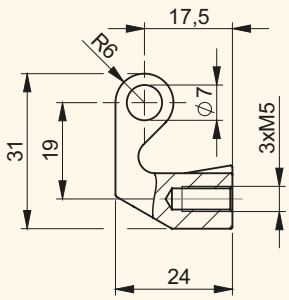




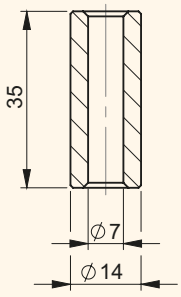


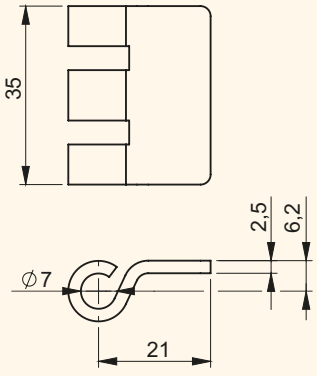
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.ST556.001	Holder	ZAMAK 5	04
	Base, Pin	Steel zinc plated	











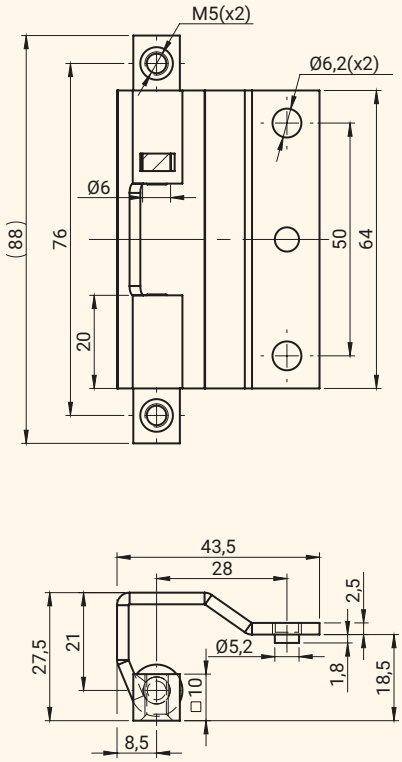
3.ST557.001 **3.ST557.002**

CATALOGUE NO.	DETAIL	COMPONENTS	MATERIAL	FINISH [C]
				RAL 9005
3.ST557.001 3.ST557.002	ver. with a bushing	Base	ZAMAK 5	04
	ver. with a sheet metal	Holder, Pin	Steel zinc plated	

Hinge 3.ST40, 3.ST41

stainless steel

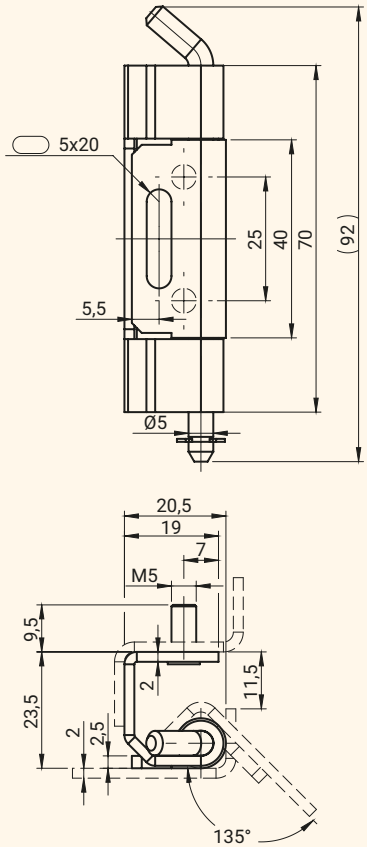




CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST40.001	Holder, Base, Pin	Steel zinc plated
3.ST40.001SN	Holder, Base, Pin	Stainless steel

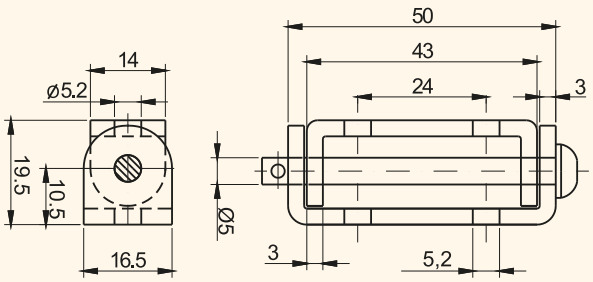
stainless steel





CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST41.001	Base, Pin	Steel zinc plated
	Holder	Steel
3.ST41.001N	Holder, Base, Pin	Stainless steel

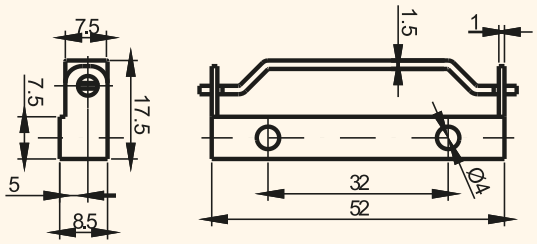
Hinge 3.ST10, 3.ST11, 3.ST14, 3.ST15



stainless steel



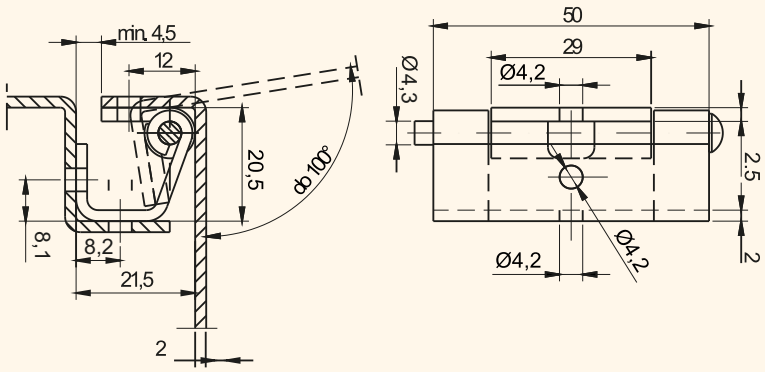
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST10.001	Holder, Base, Pin	Steel zinc plated
3.ST10.001SN	Holder, Base, Pin	Stainless steel



stainless steel



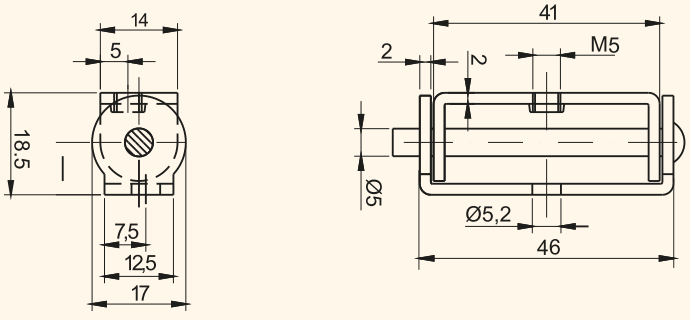
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST11.001	Base, Pin	Steel zinc plated
	Holder	Steel
3.ST11.001SN	Holder, Base, Pin	Stainless steel



stainless steel



CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST14.001	Holder, Base, Pin	Steel zinc plated
3.ST14.001SN	Holder, Base, Pin	Sainless steel



stainless steel

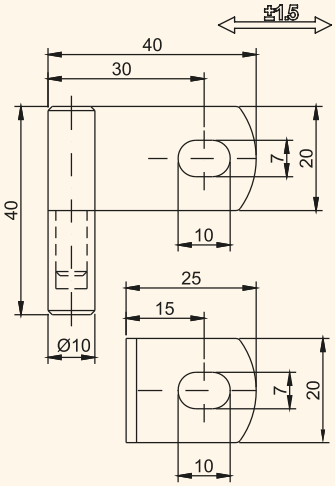


CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST15.001	Holder, Base, Pin	Steel zinc plated
3.ST15.001SN	Holder, Base, Pin	Stainless steel

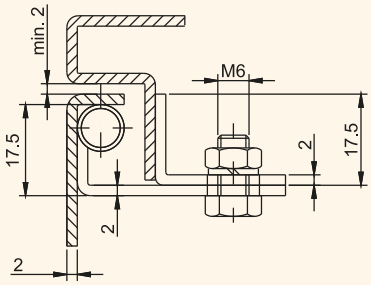
Hinge 3.ST8, 3.ST9

stainless steel





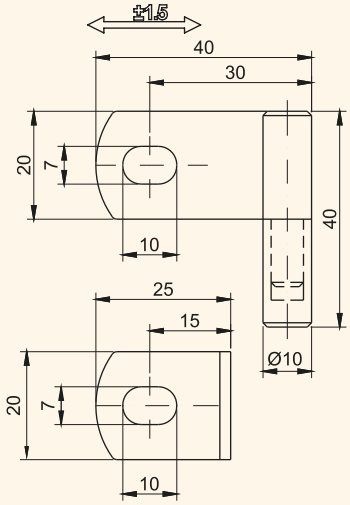
RIGHT VERSION



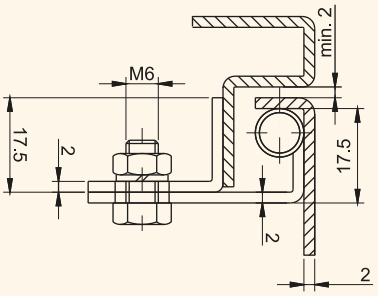
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST8.001	Fixed holder (screws)	Steel zinc plated
	Welded base	Steel
3.ST8.001SN	Holder, Base	Stainless steel

stainless steel





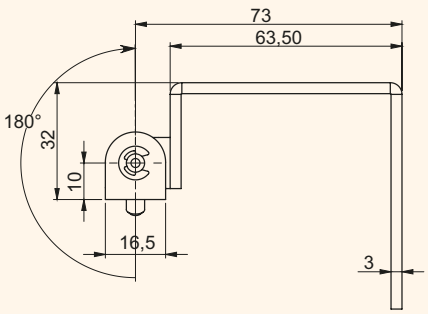
LEFT VERSION

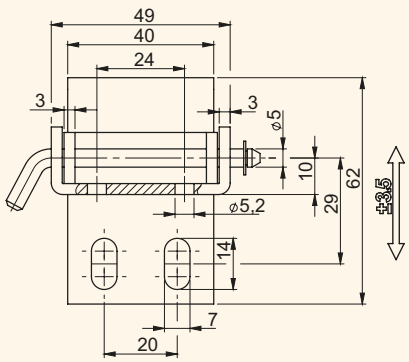


CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST8.002	Fixed holder (screws)	Steel zinc plated
	Welded base	Steel
3.ST8.002SN	Holder, Base	Stainless steel

stainless steel

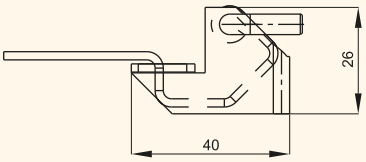


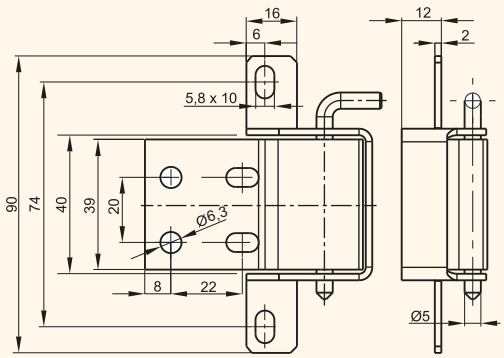




CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST9.001	Holder, Base, Pin	Steel zinc plated
3.ST9.001SN	Holder, Base, Pin	Stainless steel

Hinge 3.ST31, 3.ST33, 3.ST34



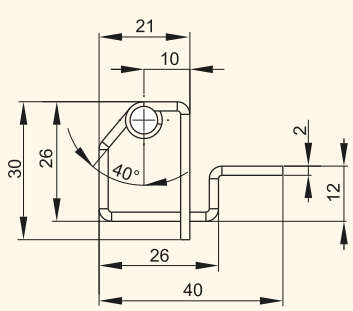


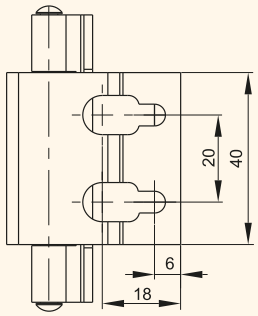
stainless steel

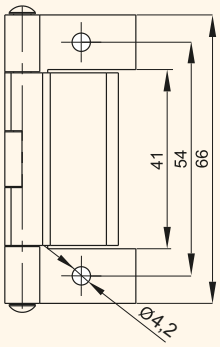


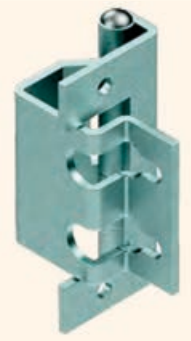
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST31.001	Holder, Base, Pin	Steel zinc plated
3.ST31.001SN	Holder, Base, Pin	Stainless steel

stainless steel



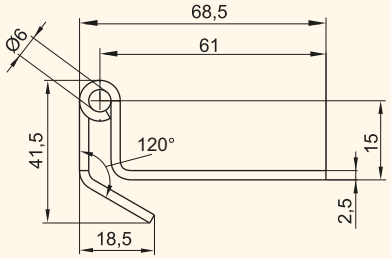


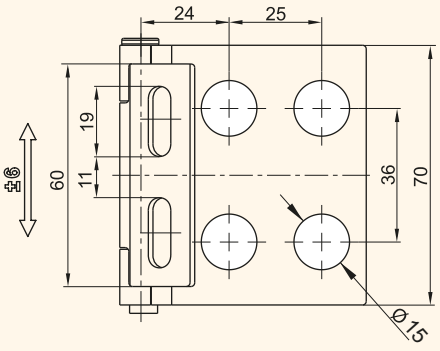




CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST33.001	Holder, Base, Pin	Steel zinc plated
3.ST33.001SN	Holder, Base, Pin	Sainless steel

stainless steel | y



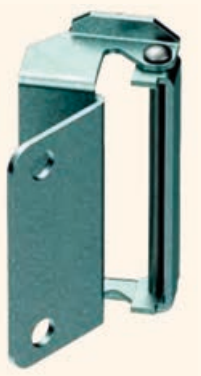


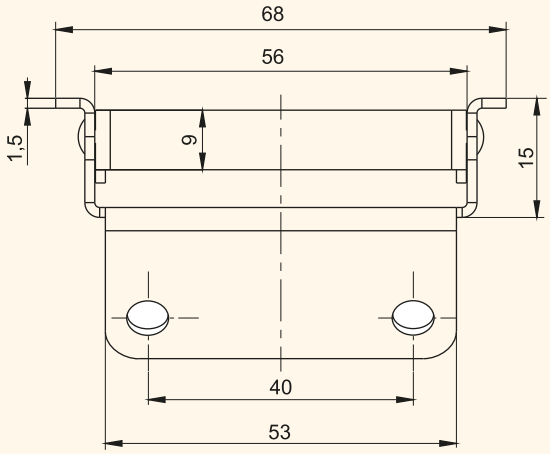


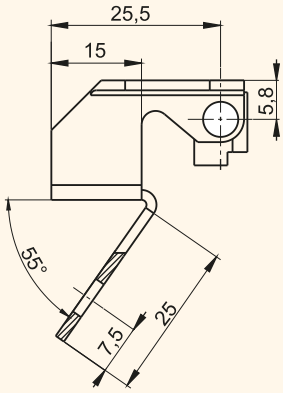
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST34.001	Holder, Base, Pin	Steel zinc plated
3.ST34.001SN	Holder, Base, Pin	Stainless steel

Hinge 3.ST38, 3.ST39

stainless steel



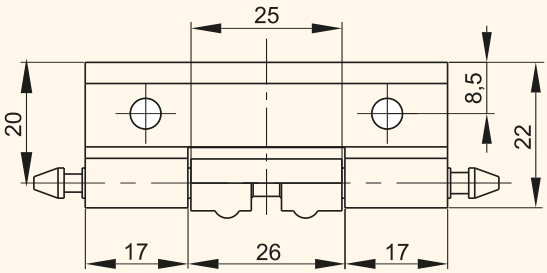


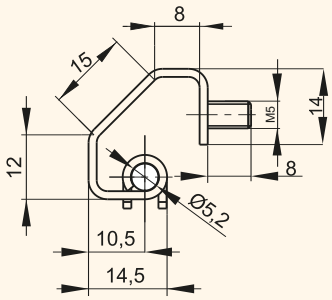


CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST38.001	Holder, Base, Pin	Steel zinc plated
3.ST38.001SN	Holder, Base, Pin	Stainless steel

stainless steel

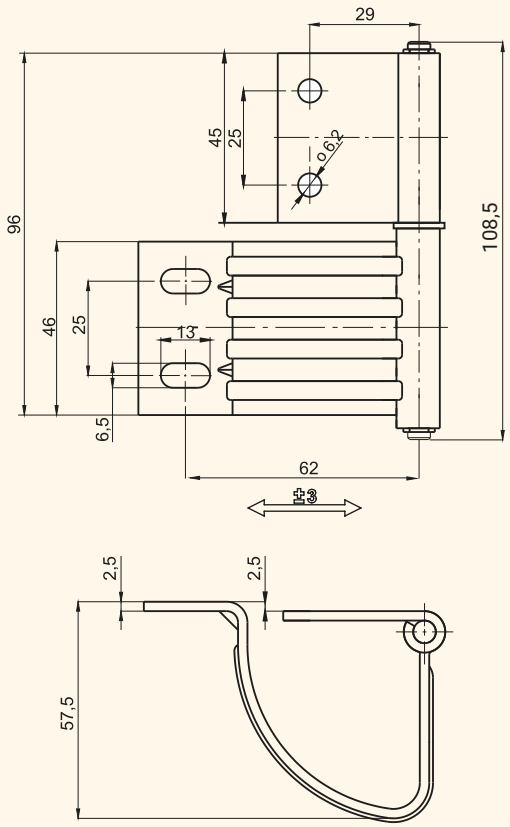






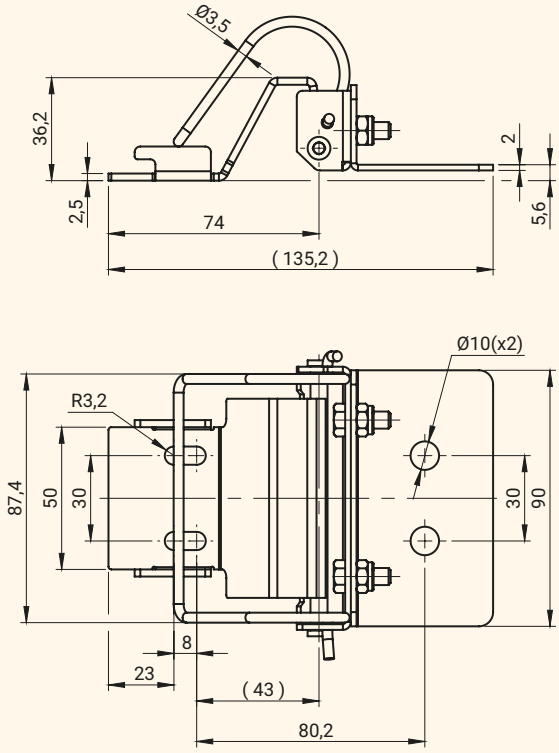
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST39.001	Base, Pin	Steel zinc plated
	Holder	Steel
3.ST39.001N	Holder, Base, Pin	Stainless steel

Hinge 3.ST95, 3.ST120





CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST95.001	Holder, Base, Pin	Steel zinc plated
3.ST95.002SN	Holder, Base, Pin	Stainless steel





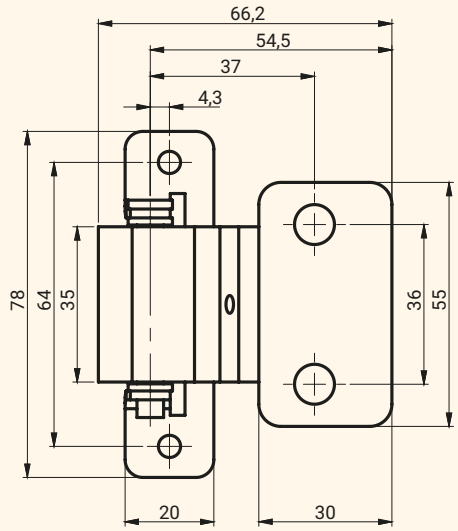
CATALOGUE NO.	MATERIAL
3.ST120.001SN	Stainless steel

Hinge 3.ST118



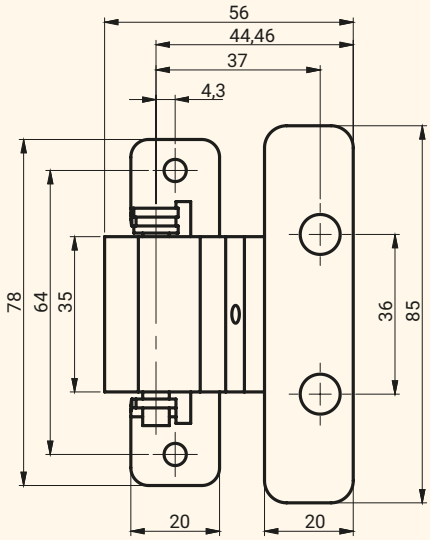


3.ST118.001





3.ST118.002

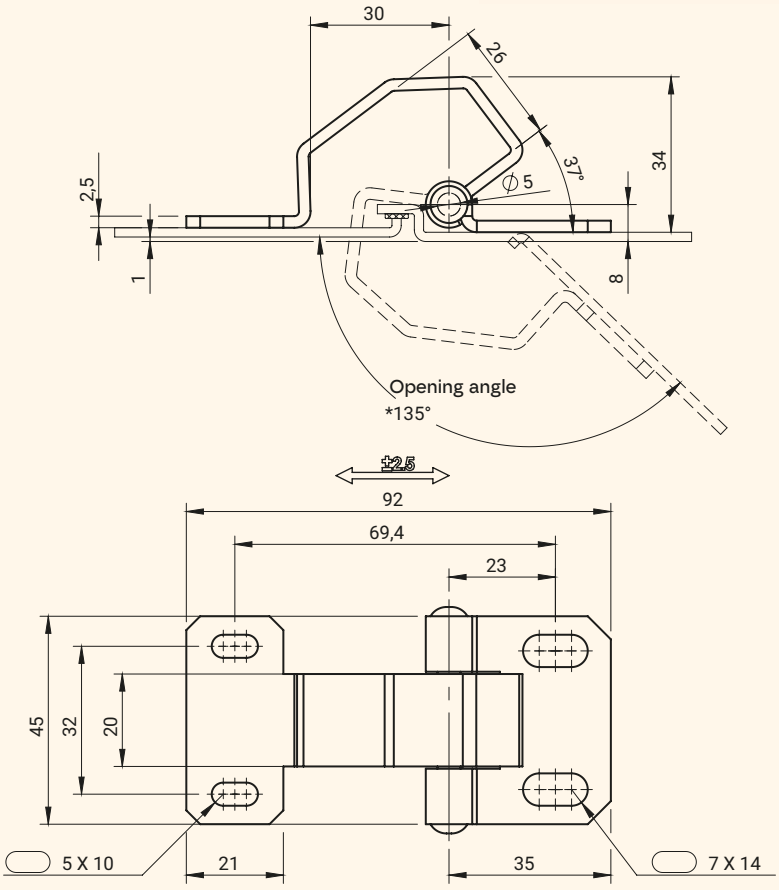


A - slide bushings made of plastics (POM)

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.ST118.001	Holder, Base,	Steel zinc plated	04
	Pin	Stainless steel	
3.ST118.001SN	Holder, Base, Pin	Stainless steel	
3.ST118.002	Holder, Base	Steel zinc plated	
	Pin	Stainless steel	
3.ST118.002SN	Holder, Base, Pin	Stainless steel	

Hinge 3.ST123.001SN





*The opening angle depends on the construction of the cabinet's edge and the door.

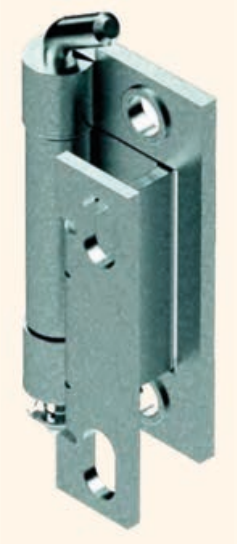
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST123.001SN	Holder, Base, Pin	Stainless steel

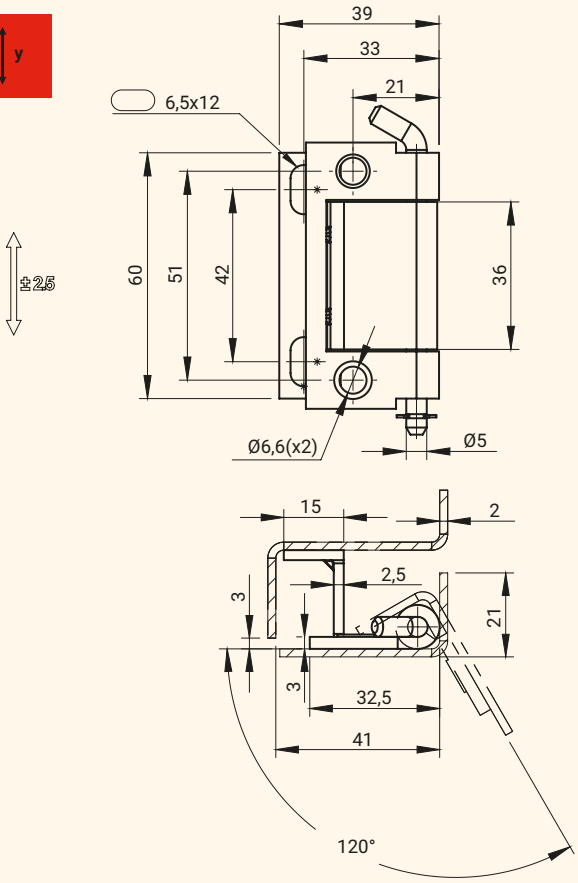
Hinge 3.ST4-5, 3.ST160

NEW

stainless steel

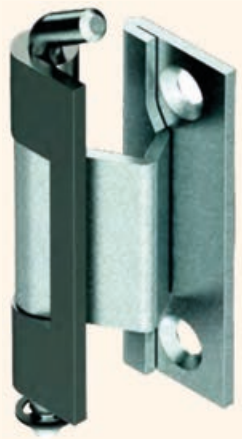
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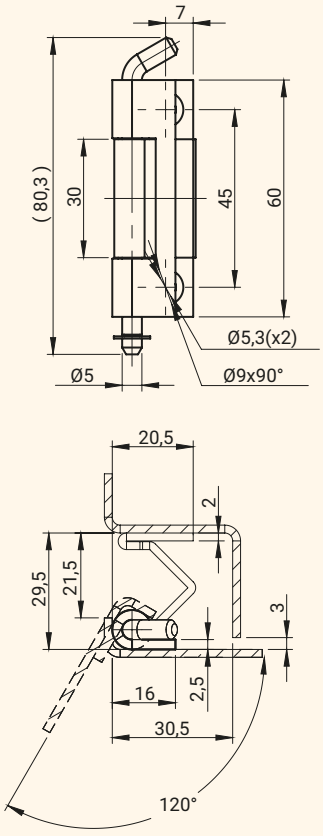




CATALOGUE NO.	COMPONENTS	MATERIAL
3.T4-5.001	Holder, Base, Pin	Steel zinc plated
3.ST4-5.001SN	Holder, Base, Pin	Stainless steel

NEW

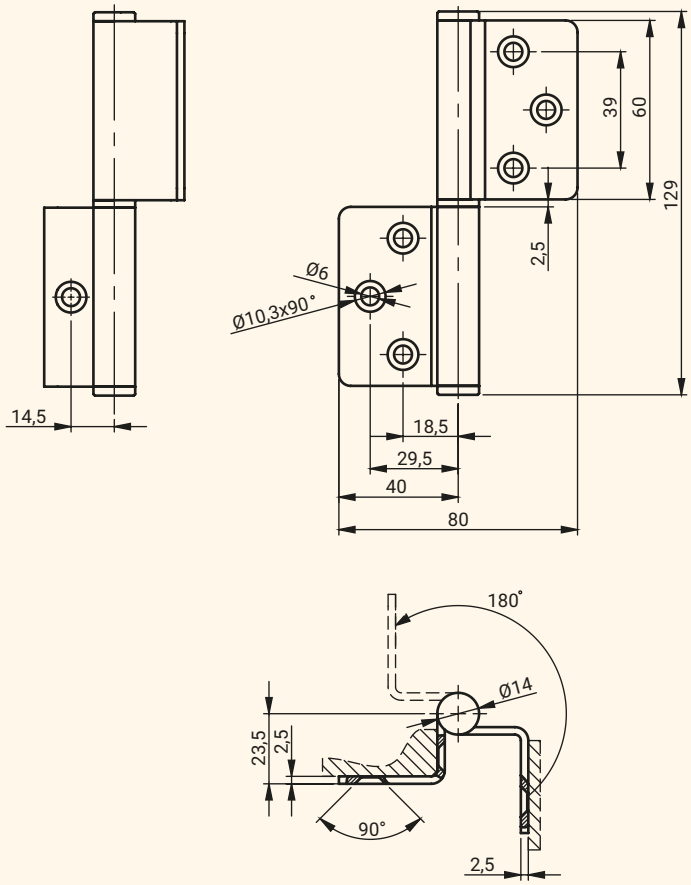




CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST160.001	Base, Pin	Steel zinc
	Holder	plated Steel

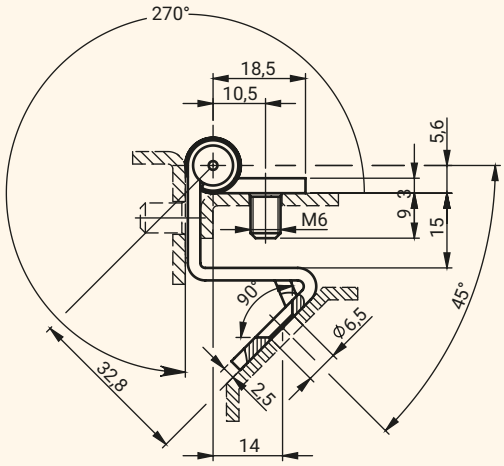
Hinge 3.ST121, 3.ST119

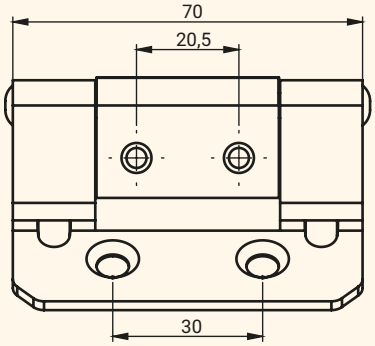
stainless steel





CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST121.001	Holder, Base, Pin	Steel zinc plated
3.ST121.001SN	Holder, Base, Pin	Stainless steel



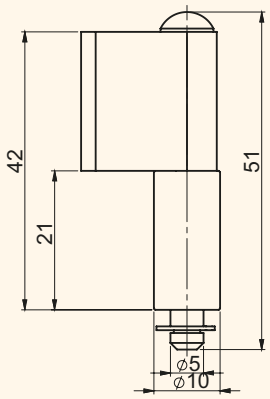


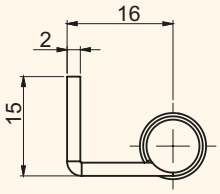


CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST119.001	Holder, Base	Steel zinc plated
3.ST119.001SN	Pin	Stainless steel

Hinge 3.ST105, 3.ST112

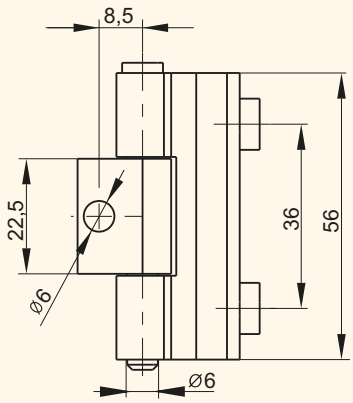


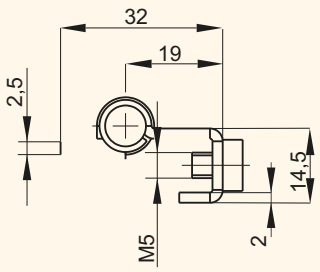




CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST105.001	Holder, Base	Steel
	Pin	Steel zinc plated



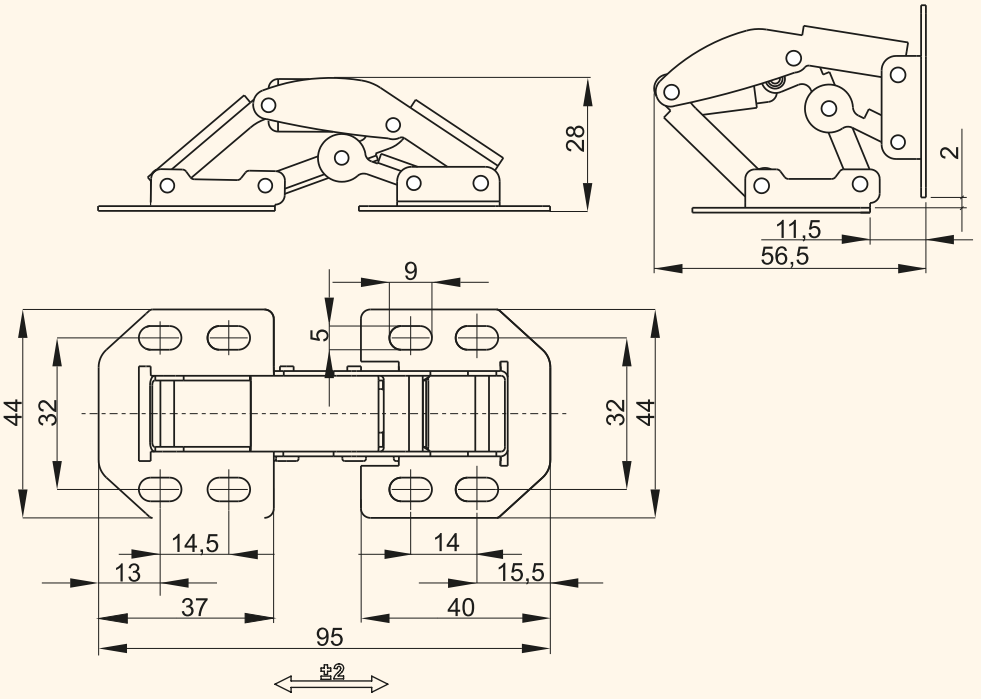




Two screws in the set DIN 7985 M5x6

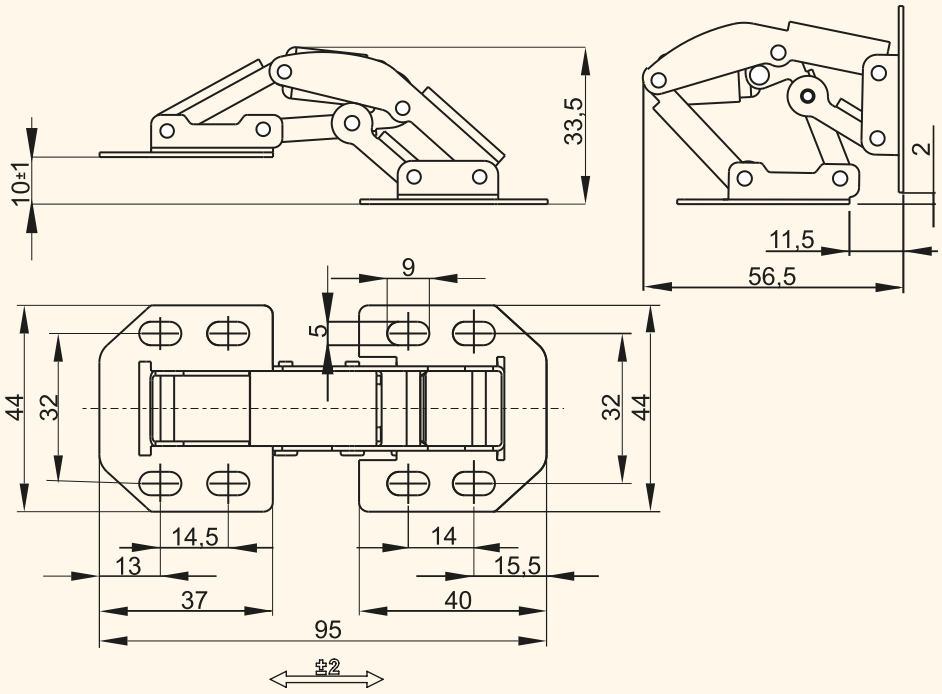
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST112.001	Base, Pin	Steel zinc plated
	Holder	Copper-clad steel

Hinge 3.ST100





CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST100.001	Base, Pin, Rivet	Steel zinc plated
3.ST100.001SN	Base, Pin, Rivet	Stainless steel



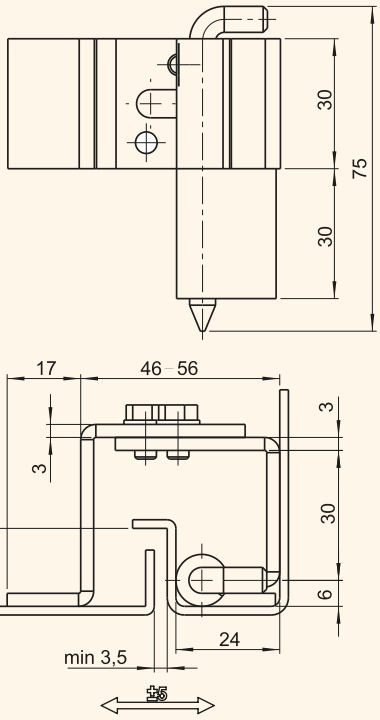


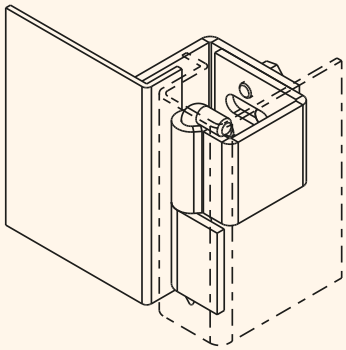
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST100.002	Base, Pin, Rivet	Steel zinc plated
3.ST100.002SN	Base, Pin, Rivet	Stainless steel

Hinge 3.ST46

stainless steel



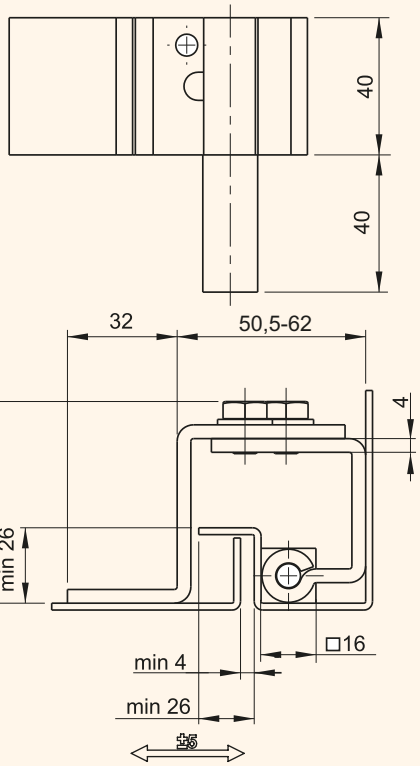


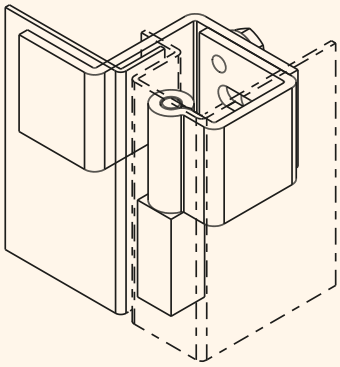


CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST46.001	Holder, Pin	Steel zinc plated
	Base	Steel
3.ST46.001SN	Holder, Base, Pin	Stainless steel

stainless steel | x | 90°

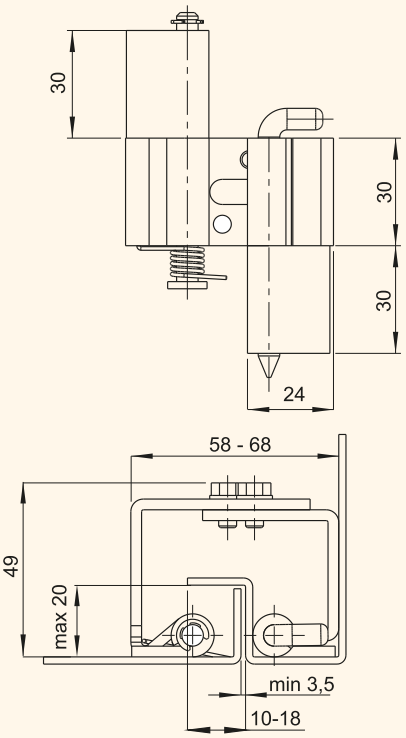


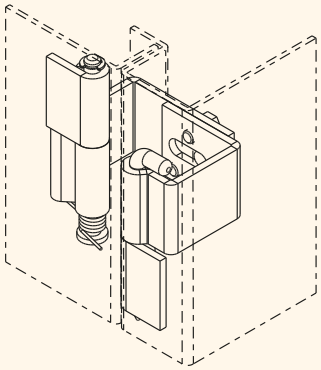




CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST46-2.001	Holder	Steel
	Base	Steel zinc plated
3.ST46-2.001SN	Holder, Base, Pin	Stainless steel

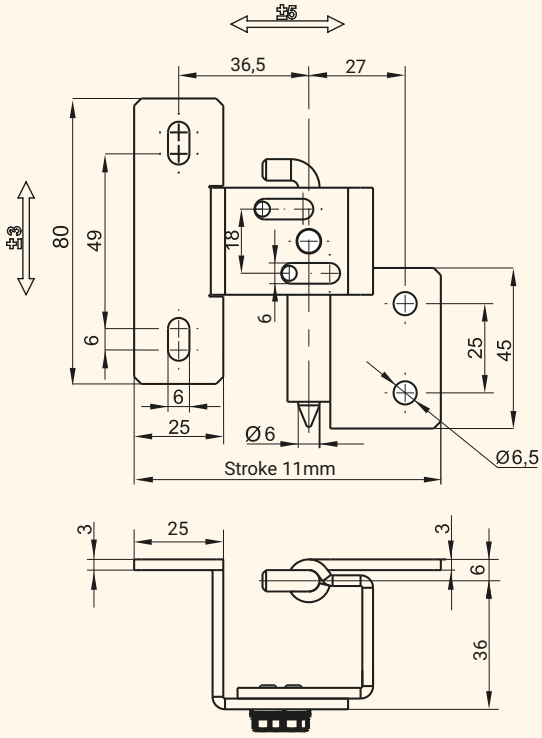
Hinge 3.ST46







CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST46-3.002	Holder, Pin	**Steel zinc plated**
	Base	Steel zinc plated
3.ST46-3.002SN	Holder, Base, Pin	Stainless steel



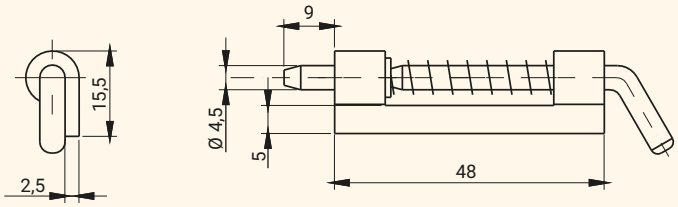


CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST46-4.001	Holder, Base, Pin	Steel zinc plated
3.ST46-4.001SN	Holder, Base, Pin	Stainless steel

Hinge 3.ST20

stainless steel

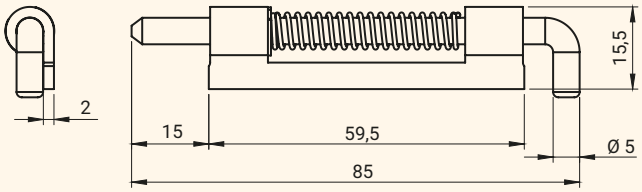




CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST20.001	Holder	Steel
	Pin, Spring	Steel zinc plated
	Spring	Stainless steel
3.ST20.001SN	Holder, Pin, Spring	Stainless steel

stainless steel



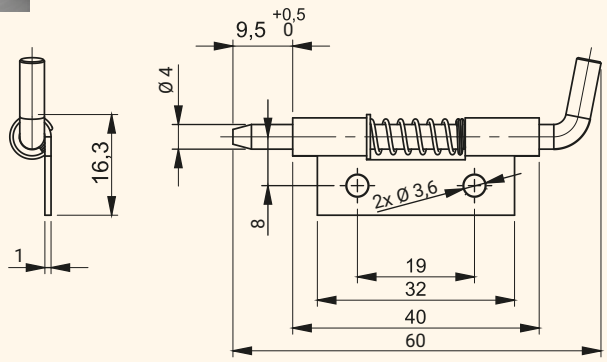


CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST20.002	Holder	Steel
	Pin, Spring	Steel zinc plated
3.ST20.002SN	Holder, Pin, Spring	Stainless steel

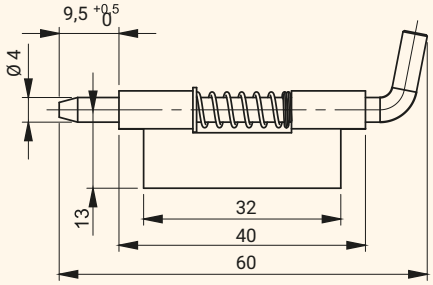
stainless steel



Version A



Version B



CATALOGUE NO.	VERSION	COMPONENTS	MATERIAL
3.ST20.003	A	Holder, Pin, Spring	Steel zinc plated
		Spring	Stainless steel
3.ST20.003SN	A	Holder, Pin, Spring	Stainless steel
3.ST20.003	B	Holder	Steel
		Pin	Steel zinc plated
		Spring	Stainless steel
3.ST20.003SN	B	Holder, Pin, Spring	Stainless steel

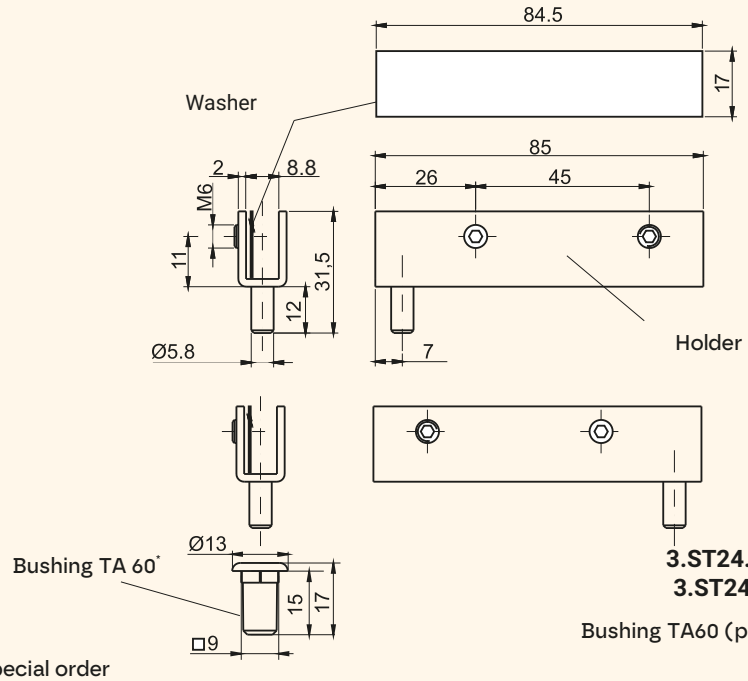
How to order:

3.ST20.003 — A

Catalogue number

Version

Hinge 3.ST24, 3.ST24-34



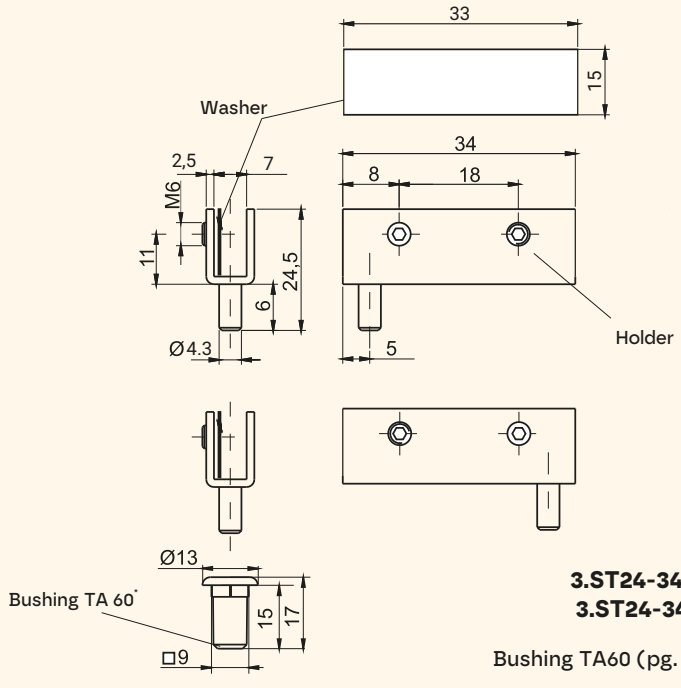


3.ST24.001 - right version
3.ST24.002 - left version

Bushing TA60 (pg. 3B-32) ordered seperately.

* to special order
** possibility to make a different color

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
3.ST24.001	Holder	Steel	04	05
	Washer	Brass		
3.ST24.002	Holder	Steel		
	Washer	Brass		





3.ST24-34.001 - right version
3.ST24-34.002 - left version

Bushing TA60 (pg. 3B-323) ordered seperately.

* to special order, ** possibility to make a diffrent color

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
3.ST24-34.001	Holder	Steel	04	05
	Washer	Brass		
3.ST24-34.002	Holder	Steel		
	Washer	Brass		

How to order:

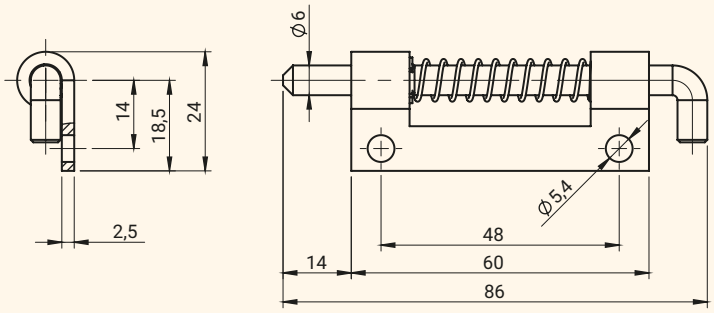
3.ST24.001	—	C

Catalogue number
Finish

Hinge 3.ST20

stainless steel

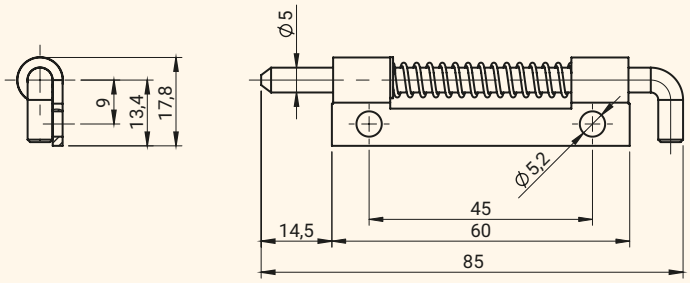




CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST0.004	Holder, Pin	Steel zinc plated
3.ST20.004SN	Holder, Pin	Stainless steel

stainless steel

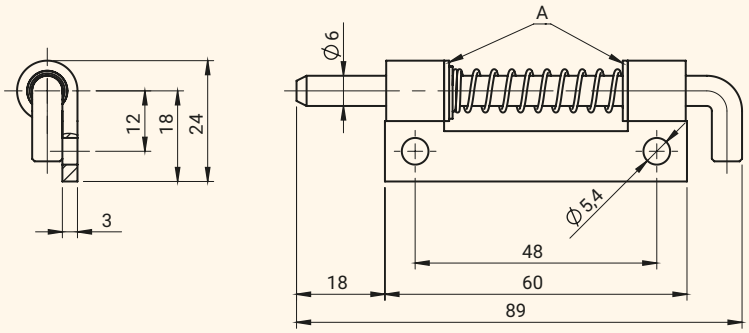




CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST20.005	Holder, Pin	Steel zinc plated
3.ST20.005SN	Holder, Pin	Stainless steel

stainless steel

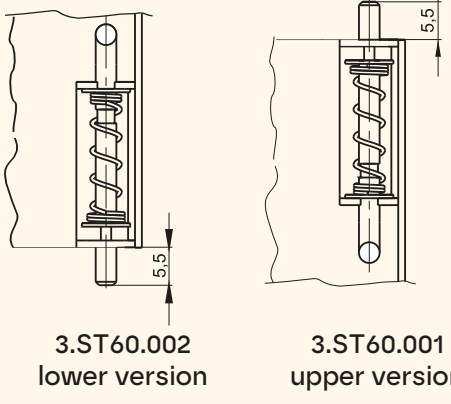




A - slide bushings made of plastics

CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST20.010	Holder, Pin	Steel zinc plated
	Plain bearing bush	POM
3.ST20.010SN	Holder, Pin	Stainless steel

Hinge 3.ST60, 3.ST65

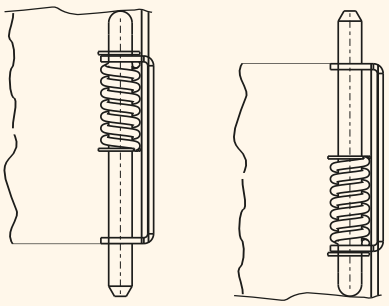


3.ST60.002
lower version

3.ST60.001
upper version



CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST60.001	Holder	Steel
3.ST60.002	Pin	Steel zinc plated



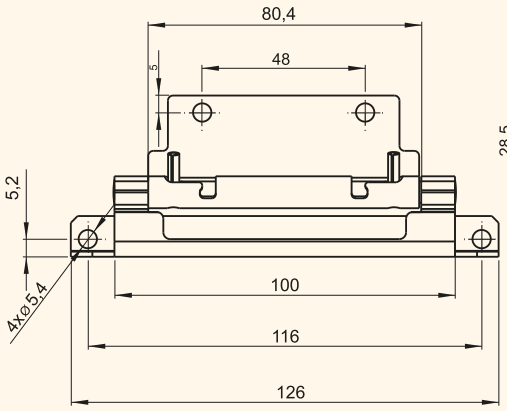
3.ST60.004
lower version

3.ST60.003
upper version



CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST60.003	Holder, Pin	Steel zinc plated
3.ST60.004	Holder, Pin	Steel zinc plated

stainless steel



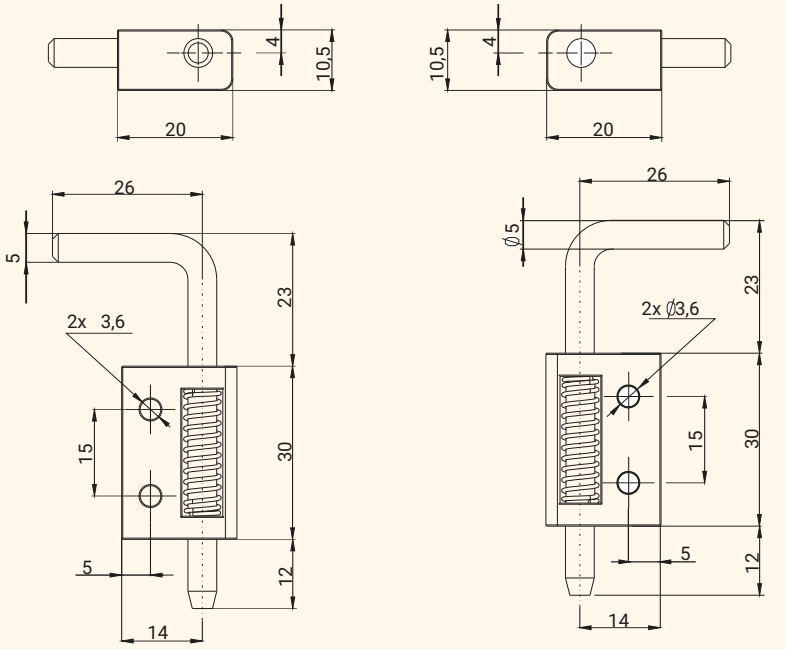


CATALOGUE NO.	DIMENSIONS A [mm]	COMPONENTS	MATERIAL
3.ST65.001	17	Holder, Base, Pin	Steel zinc plated
3.ST65.002	20		
3.ST65.003	23,4		
3.ST65.001SN	17	Holder, Base, Pin	Stainless steel
3.ST65.002SN	20		
3.ST65.003SN	23,4		

Hinge 3.ST94, 3.ST81, TA60







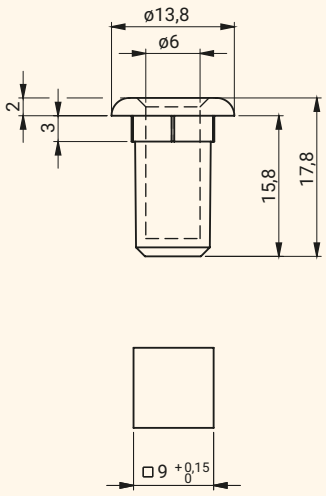
3.ST94.001 **3.ST94.002**

CATALOGUE NO.	COMPONENTS	MATERIAL	FNISH [C]
			RAL9005
3.ST94.001 **3.ST94.002**	Holder	Polyamide	07
	Pin	Steel zinc plated	

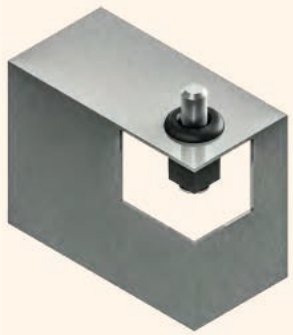




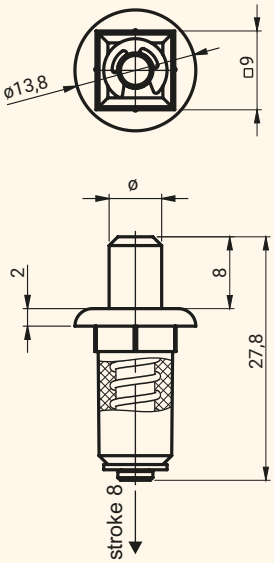
TA60



Cut out

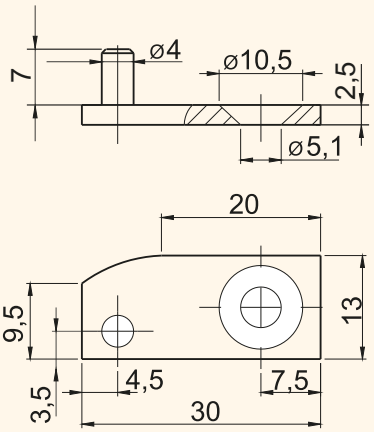


3.ST81.100
3.ST81.101



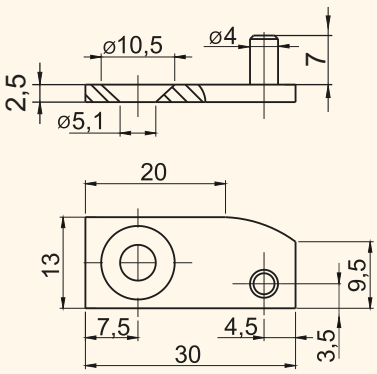
CATALOGUE NO.	ø [mm]	COMPONENTS	MATERIAL	FINISH [C]
				RAL9005
3.ST81.100	6	Housing	Polyamide PA6	07
		Pin	Steel zinc plated	
3.ST81.101	5	Spring	Spring steel zinc plated	
TA60	**6**	Bushing	Polyamide PA6	

Hinge 3.ST67



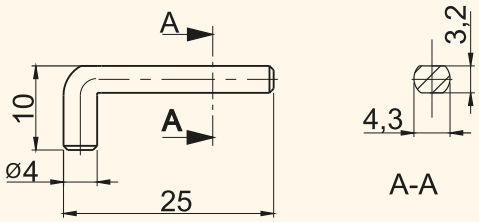


CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST67.001	Holder	Steel zinc plated





CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST67.002	Holder	Steel zinc plated

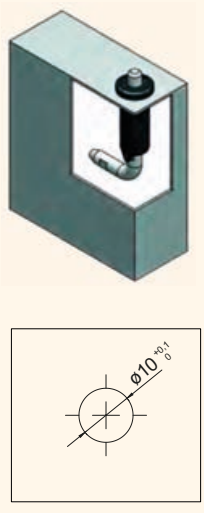


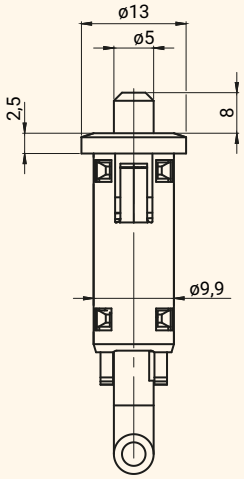


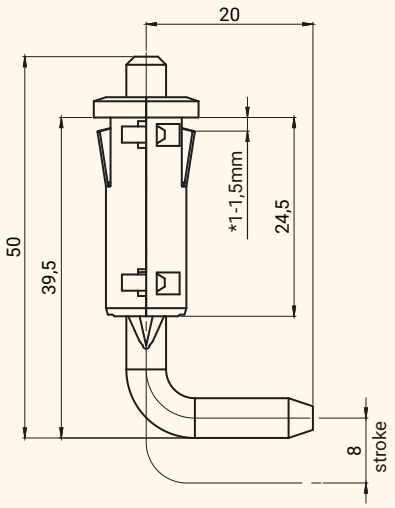
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST67.001.03	Pin	Steel

Hinge 3.ST81, 3.ST84







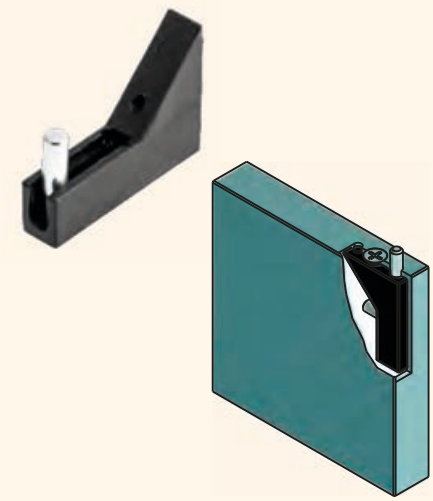


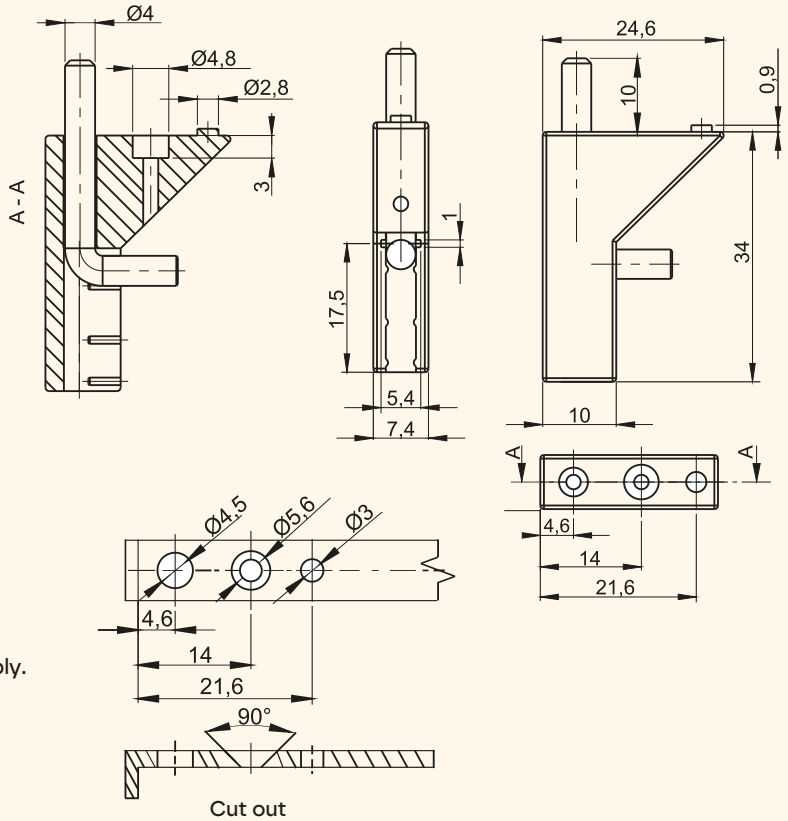
* thickness of metal sheet

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 9010
3.S84.001	Housing	Polyamide	07	11
	Pin	ZAMAK 5		
	Spring	Steel		

How to order:

Catalogue number: 3.ST81.001 — Finish: C



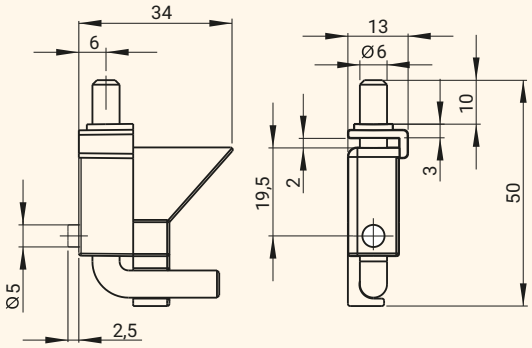


Screw acc. to DIN 7982 (Ø2,9x10)
* Not included in the scope of supply.

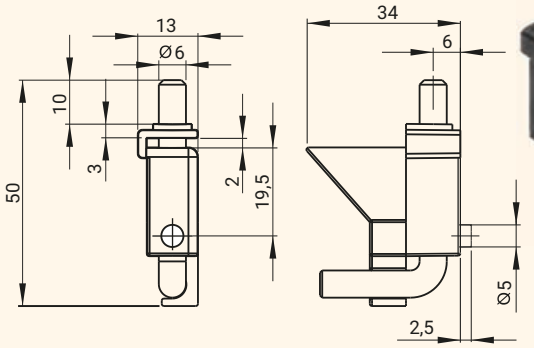
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.ST81.001	Holder	Polyamide	07
	Pin	Steel zinc plated	

Hinge 3.ST96

3.ST96.001

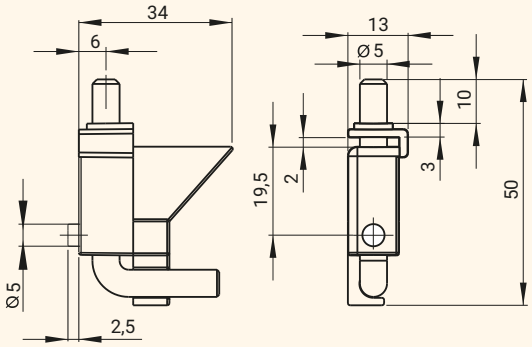


3.ST96.002

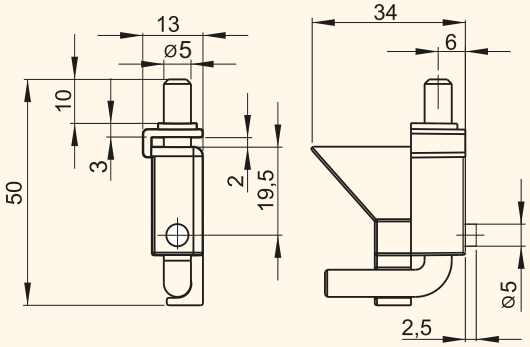




3.ST96.003

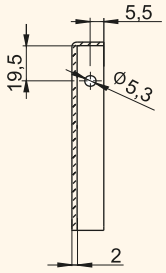


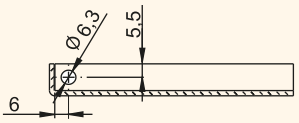
3.ST96.004



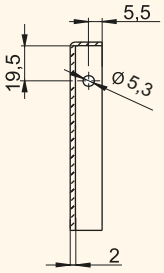
Cut outs

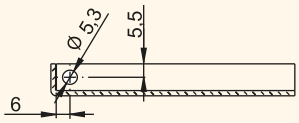
3.ST96.001
3.ST96.002

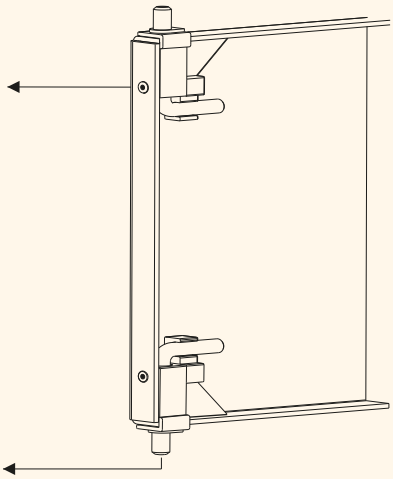




3.ST96.003
3.ST96.004







CATALOGUE NO.	COMPONENTS	MATERIAL	FNISH [C]	
			RAL9005	RAL7035
3.ST96.001 **3.ST96.002**	Holder	PP	07	08
	Pin	Steel zinc plated		
3.ST96.003 **3.ST96.004**	Holder	PP	07	08
	Pin	Steel zinc plated		

How to order:

3.ST96.001 — C

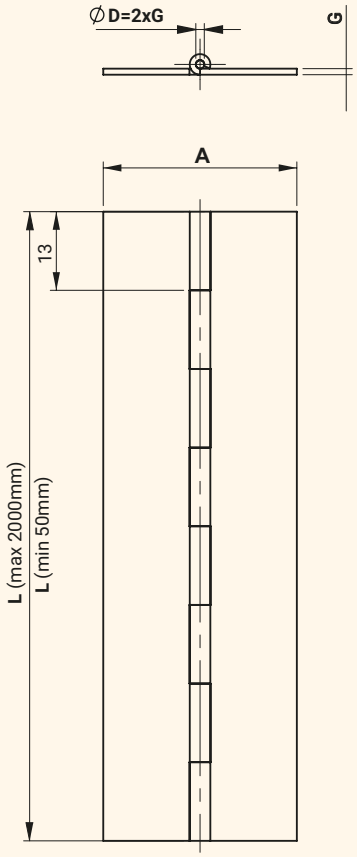
Catalogue number

Finish

Hinge 3.ST26

stainless steel





Standard insert diameter D for chosen thickness	
Sheet metal thickness **G**	Insert diameter **D**
0,8	Ø2
1	Ø2
1,5	Ø3, Ø4
2	Ø4, Ø6
3	Ø6

CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST26.001	Holder, Pin	Steel zinc plated
3.ST26.001SN		Stainless steel

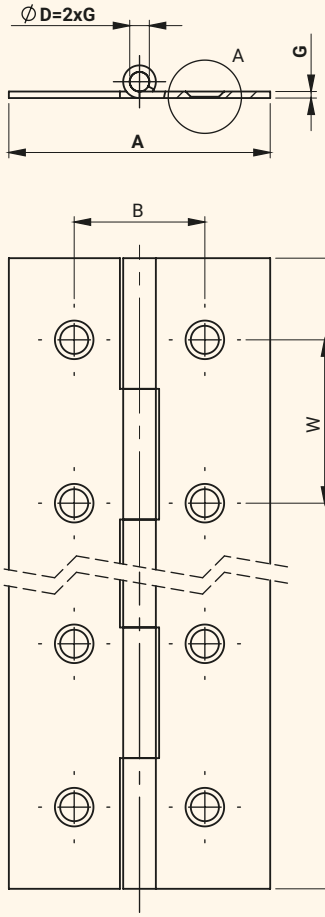
How to order:

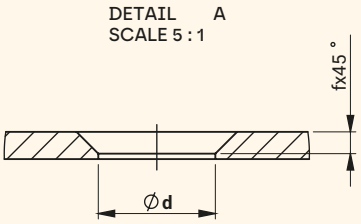
3.ST26.001 – L – A – G – D

- Catalogue number
- Total length of the hinge
- Total width of the hinge
- Thickness of the hinge
- Insert diameter（Dmin=2xG）

Hinge 3.ST26

stainless steel







Standard insert diameter D for chosen thickness	
Sheet metal thickness **G**	Insert diameter **D**
0,8	Ø2
1	Ø2
1,5	Ø3, Ø4
2	Ø4, Ø6
3	Ø6

CATALOGUE NO.	COMPONENTS	MATERIAL Steel
3.ST26.003	Holder, Pin	zinc plated
3.ST26.003SN		Stainless steel

How to order:

3.ST26.003 – L – A – G – D – d – B – W – F

- Catalogue number
- Total length of the hinge
- Total width of the hinge
- Thickness of the hinge
- Insert diameter (Dmin=2xG)

If cut outs are reqiured to make it should be stated:

- Dimension
- Spacing
- Leap of holes
- Phase dimension of a hole (if needed)

Other dimensions stated before production.

Hinge 3.ST50

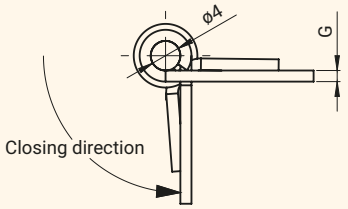
stainless steel

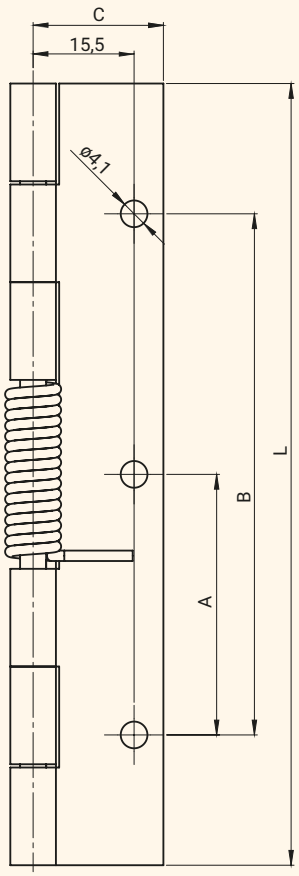
3.ST50.001



3.ST50.002







3.ST50.003



3.ST50.004



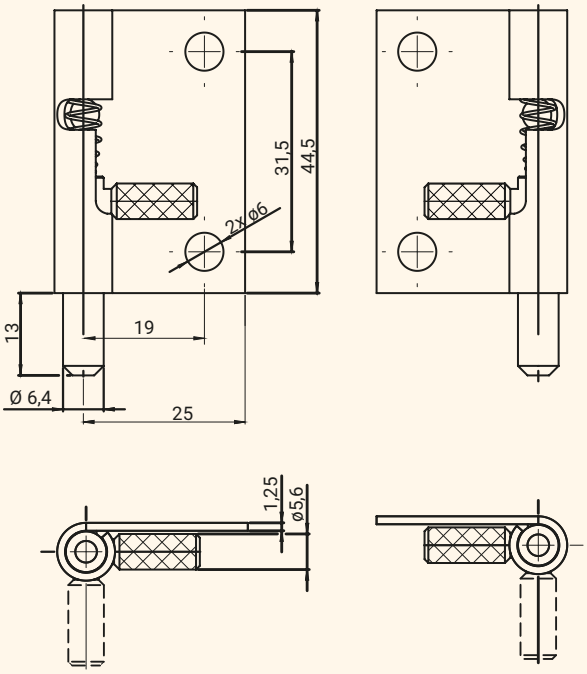
*closing from axis

CATALOGUE NO.	DIMENSION					MATERIAL
	A	B	C	G	L	
3.ST50.001	30	-	25	2	50	Steel zinc plated
3.ST50.002	40	80	20	1,5	120	
3.ST50.003	60	120	20	1,5	180	
3.ST50.004	-	-	20	1,5	120	
3.ST50.001SN	30	-	25	2	50	Stainless steel
3.ST50.002SN	40	80	20	1,5	120	
3.ST50.003SN	60	120	20	1,5	180	
3.ST50.004SN	-	-	20	1,5	120	

Hinge 3.ST79, 3.ST104

Left hinge
3.ST79.002

Right hinge
3.ST79.001

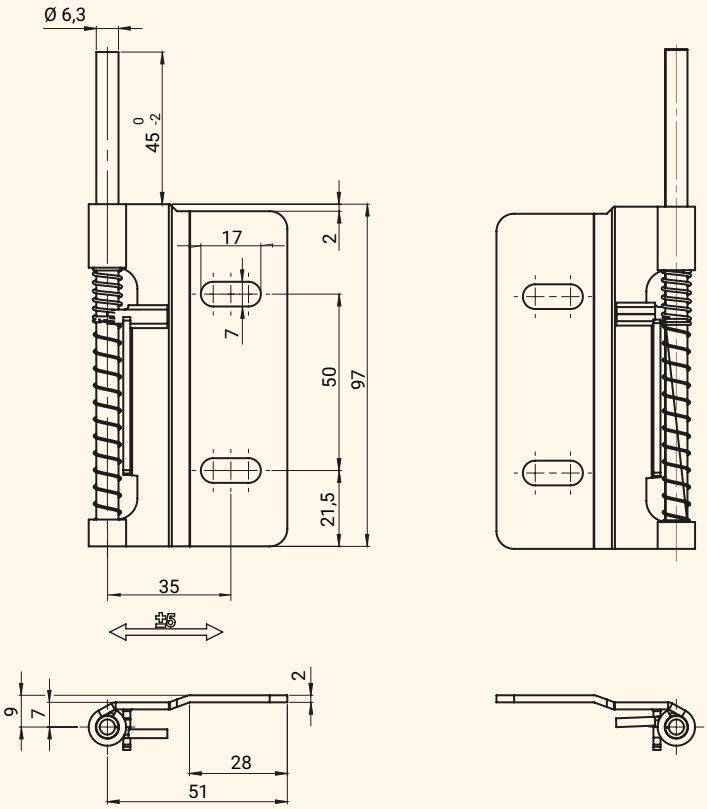




CATALOGUE NO.	VERSION	COMPONENTS	MATERIAL
3.ST79.001SN	Right	Holder, Pin	Stainless steel
3.ST79.002SN	Left	Holder, Pin	

Left hinge
3.ST104.006.002

Right hinge
3.ST104.006.001



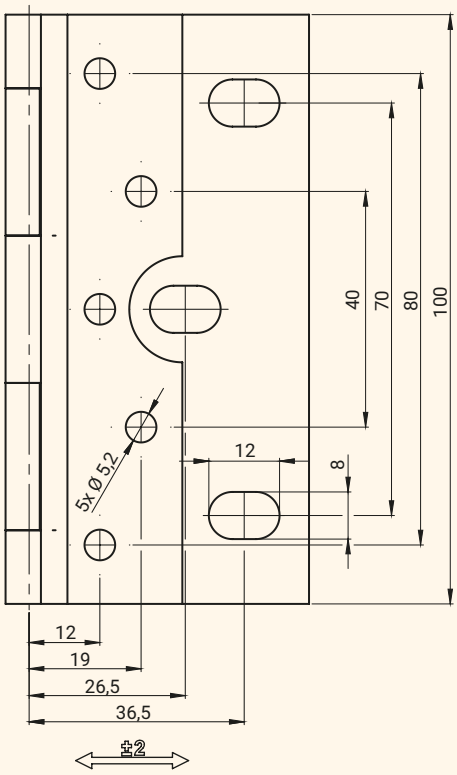


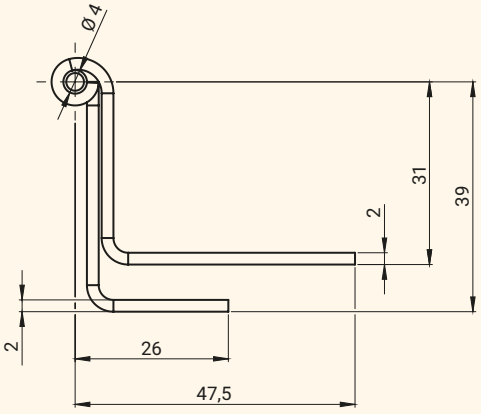
CATALOGUE NO.	VERSION	COMPONENTS	MATERIAL
3.ST104.006.001SN	Right	Holder, Pin	Stainless steel
3.ST104.006.002SN	Left		

Hinge 3.ST89

stainless steel | x





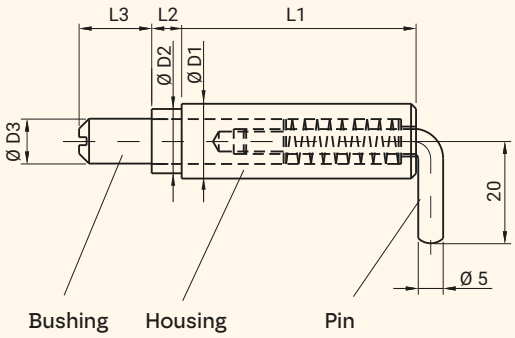


CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST89.001SN	Holder, Base, Pin	Stainless steel

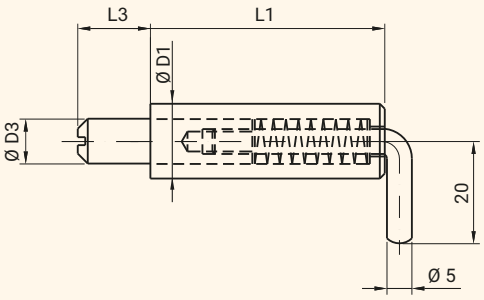
Hinge 3.ST25, 3.550

stainless steel

3.ST25.001

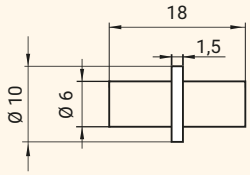


3.ST25.002





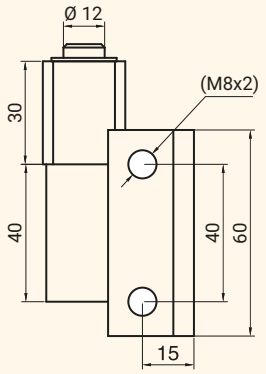
3.ST25.002.01

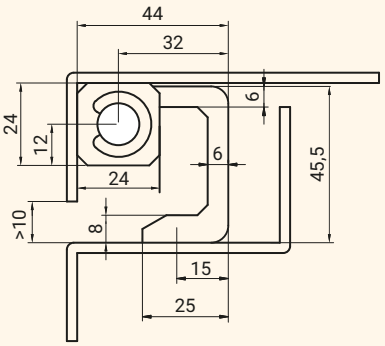


CATALOGUE NO.	Ø D1	Ø D2	Ø D3	L1 mm	L2 mm	L3 mm	COMPONENTS	MATERIAL
3.ST25.001	15	13	9	47	6	15	Housing, Bushing	Steel zinc plated
							Pin	
3.ST25.001SN							Housing, Bushing	Stainless steel
							Pin	
3.ST25.002	10	-	6	41,5	-	13	Housing, Bushing	Steel zinc plated
							Pin	
3.ST25.002.01	-						Limiter	Steel without finish
3.ST25.005	12	9	6	38	3,5	10	Housing	Steel copper plated
							Bushing	Steel zinc plated

LH/RH

stainless steel





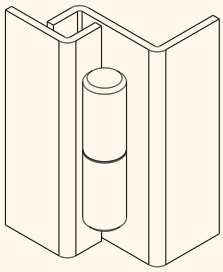


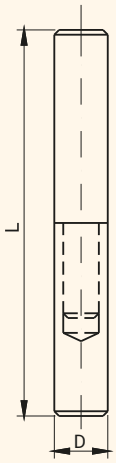
CATALOGUE NO.	COMPONENTS	MATERIAL
3.550.001	Holder, Pin	Stainless steel

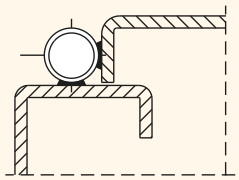
Hinge 3.ST7, 3.ST7-1, 3.ST7-2

stainless steel









CATALOGUE NO.	Dimension		X
	L [mm]	D [mm]	
3.ST7.X 3.ST7.XSN	40	10	001
	50	10	002
	65	10	003
	40	14	005
	100	13	006
	100	16	007

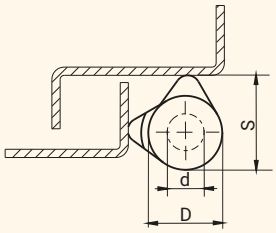
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST7.X	Holder, Pin	Steel
3.ST7.XSN	Holder, Pin	Stainless steel

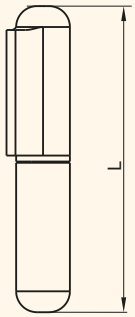
ST 7-1

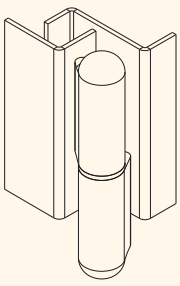


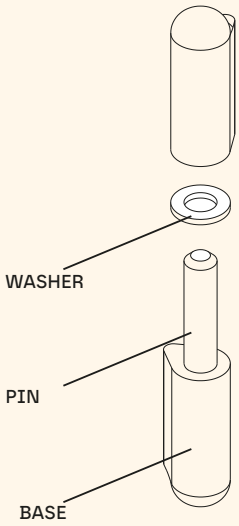
ST 7-2





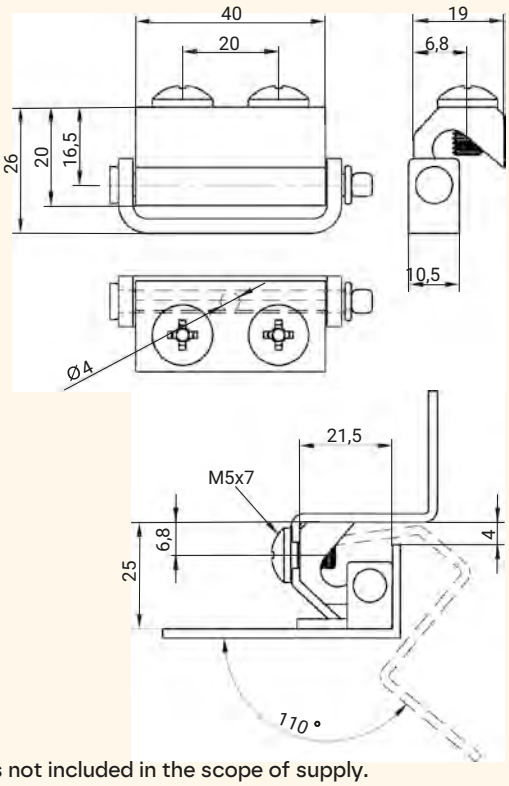






CATALOGUE NO.		COMPONENTS		MATERIAL		
3.ST7-1		Base, Pin		Steel		
3.ST7-2		Washer		Brass		
Cat. No. ST7-1	Cat. No. ST7-2	Dimensions	D	S	d	L
ST7-1.001A	ST7-2.001A	8x9,5	8	9,5	5	40
ST7-1.001B	ST7-2.001B	8x9,5	8	9,5	5	50
ST7-1.002A	ST7-2.002A	10x12	10	12	6	60
ST7-1.002B	ST7-2.002B	10x12	10	12	6	70
ST7-1.003	ST7-2.003	13x16	13	16	8	80
ST7-1.004	ST7-2.004	16x20	16	20	10	100
ST7-1.005	ST7-2.005	18x22	18	22	12	135
ST7-1.006	ST7-2.006	20x25	20	25	14	150
ST7-1.007	ST7-2.007	23x28	23	28,5	16	200

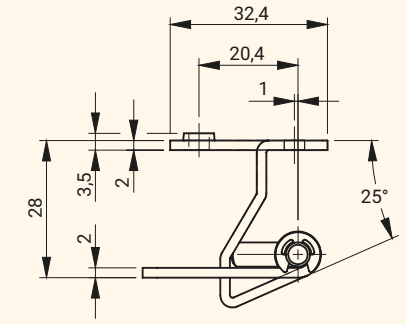
Hinge 3.538, 3.539

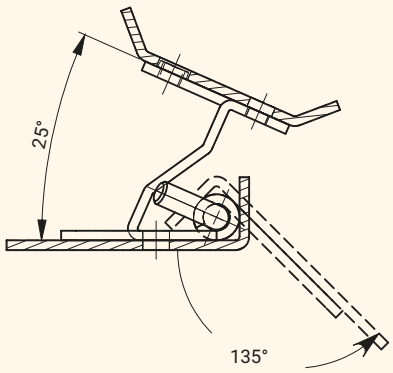




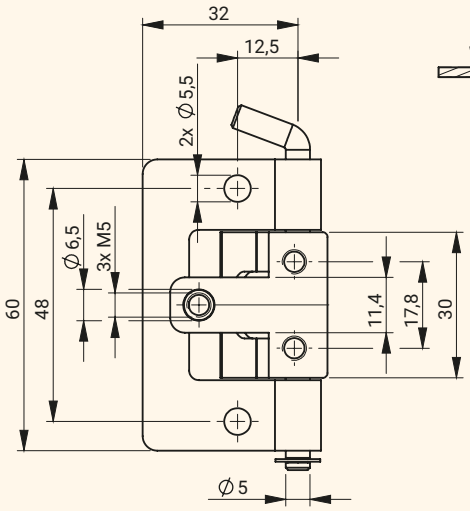
* DIN 7985 M5x7 screw is not included in the scope of supply.

CATALOGUE NO.	COMPONENTS	MATERIAL
3.538.001	Holder	Steel copper plated
	Base	Aluminum zinc plated





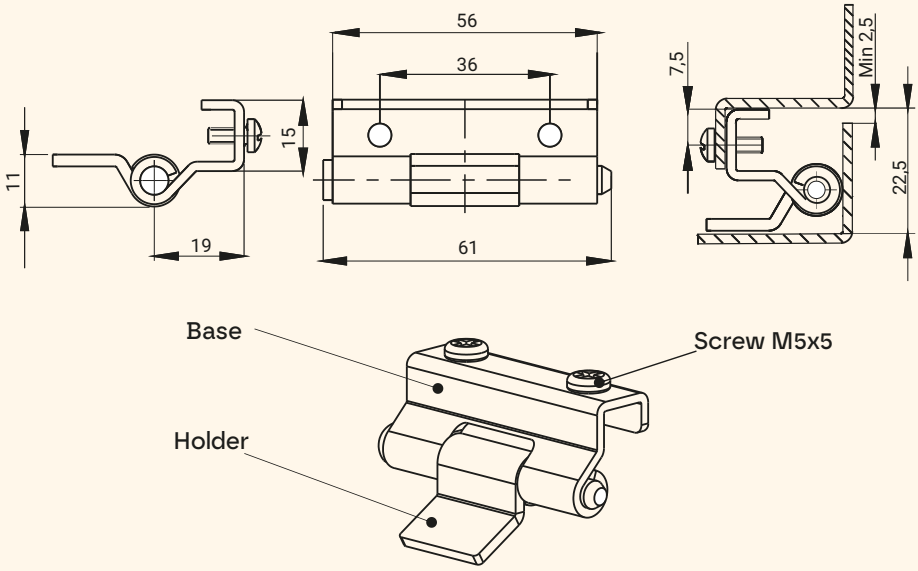




CATALOGUE NO.	COMPONENTS	MATERIAL
3.539.001	Holder, Base	Steel zinc plated

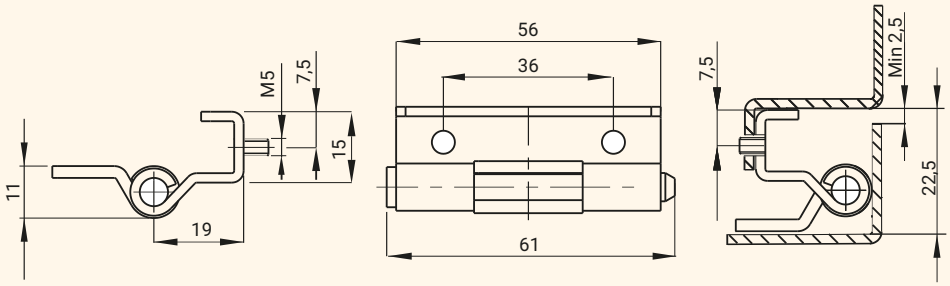
Hinge 3.ST551, 3.ST552, 3.ST553





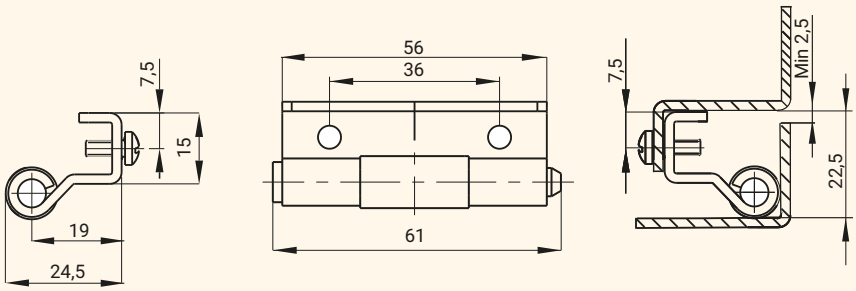
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST551.001	Base	Steel zinc plated
	Holder	Steel copper plated





CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST552.001	Base	Steel zinc plated
	Holder	Steel copper plated

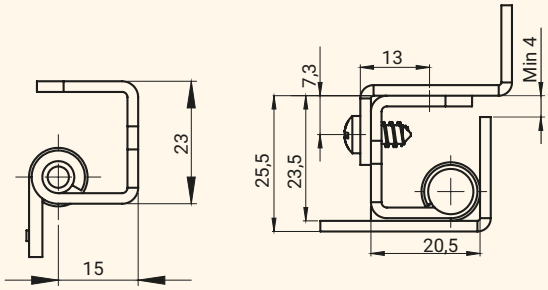




CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST553.001	Base	Steel zinc plated
	Holder	Steel copper plated

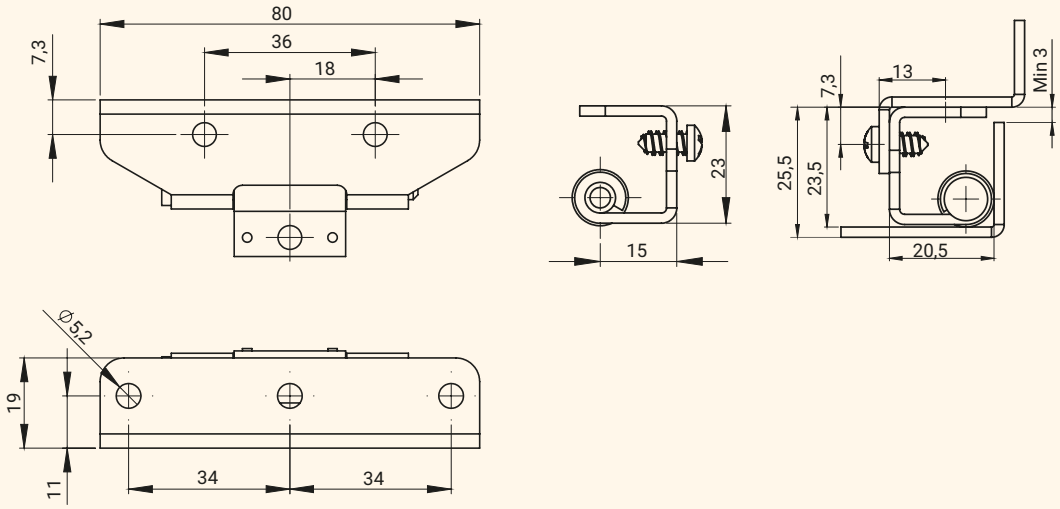
Hinge 3.ST558

3.ST558 ver. 001



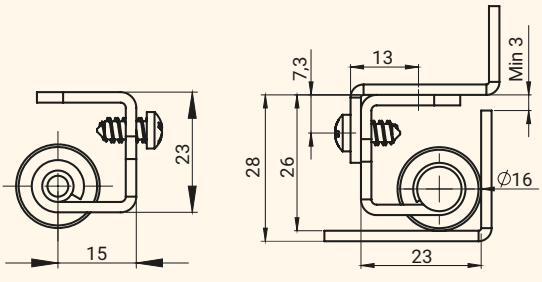


3.ST558 ver. 002





3.ST558 ver. 003

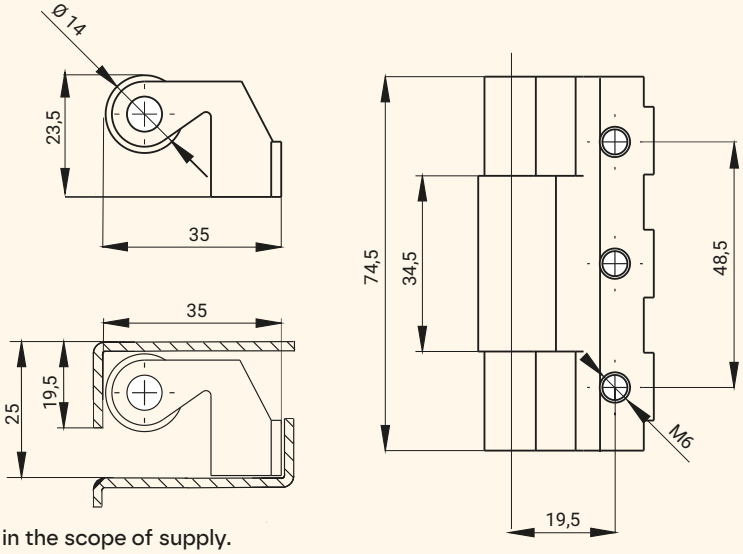




CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST558.001	Base, pin	Steel zinc plated
	Holder	Steel copper plated
3.ST558.002	Base, pin	Steel zinc plated
	Collet	Steel copper plated
3.ST558.003	Base, pin	Steel zinc plated
	Collet	Steel copper plated

Hinge 3.501, 3.502, 3.503

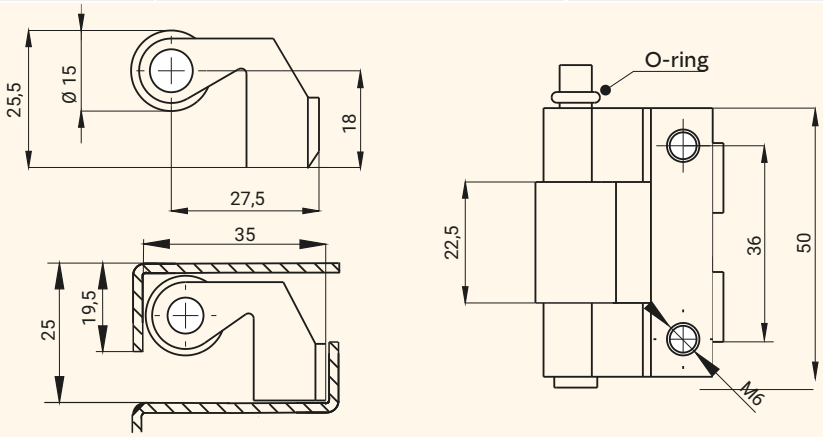




* Screw is not included in the scope of supply.

CATALOGUE NO.	COMPONENTS	MATERIAL
3.501.001	Base	ZAMAK 5 zinc plated
	Holder	Steel copper plated
	Pin	Steel zinc plated

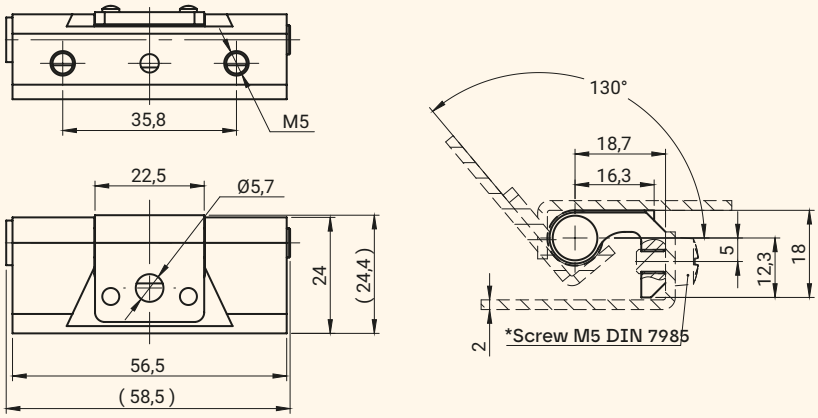




* Screw is not included in the scope of supply.

CATALOGUE NO.	COMPONENTS	MATERIAL
3.502.001	Base	ZAMAK 5 zinc plated
	Holder	Steel copper plated
	Pin	Steel zinc plated





* Screw included in the scope of supply.

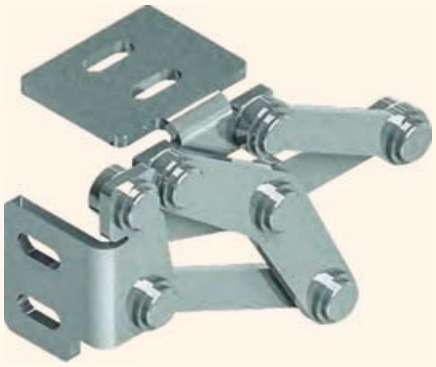
CATALOGUE NO.	COMPONENTS	MATERIAL
3.503.001	Base	ZAMAK 5 zinc plated
	Holder	Steel copper plated
	Pin	Steel zinc plated

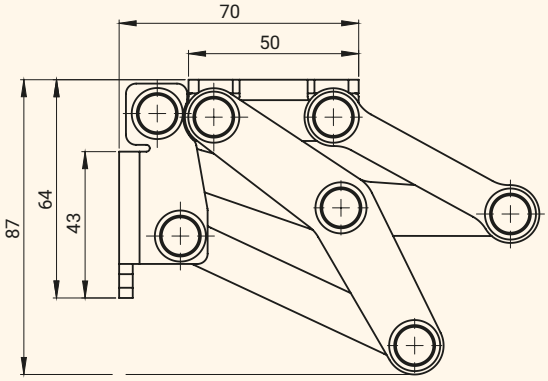
Hinge 3.ST300

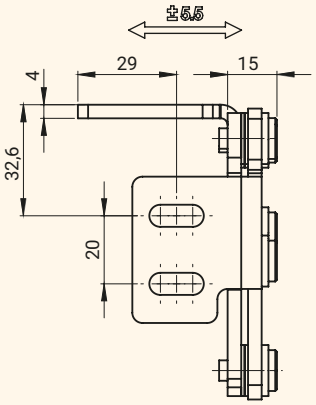
Left hinge
3.ST300.002SN

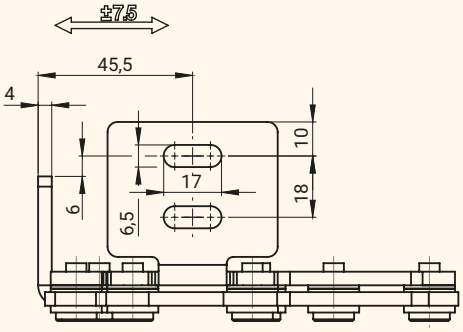
Right hinge
3.ST300.001SN

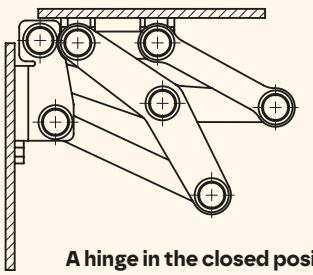




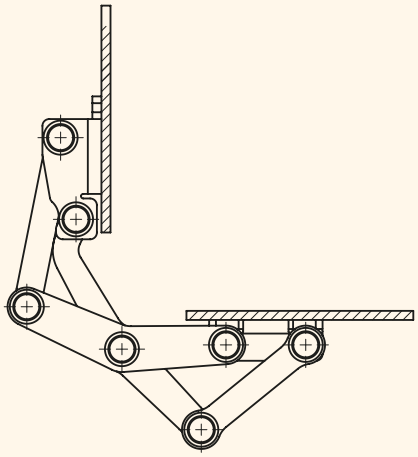








A hinge in the closed position



A hinge in the open position

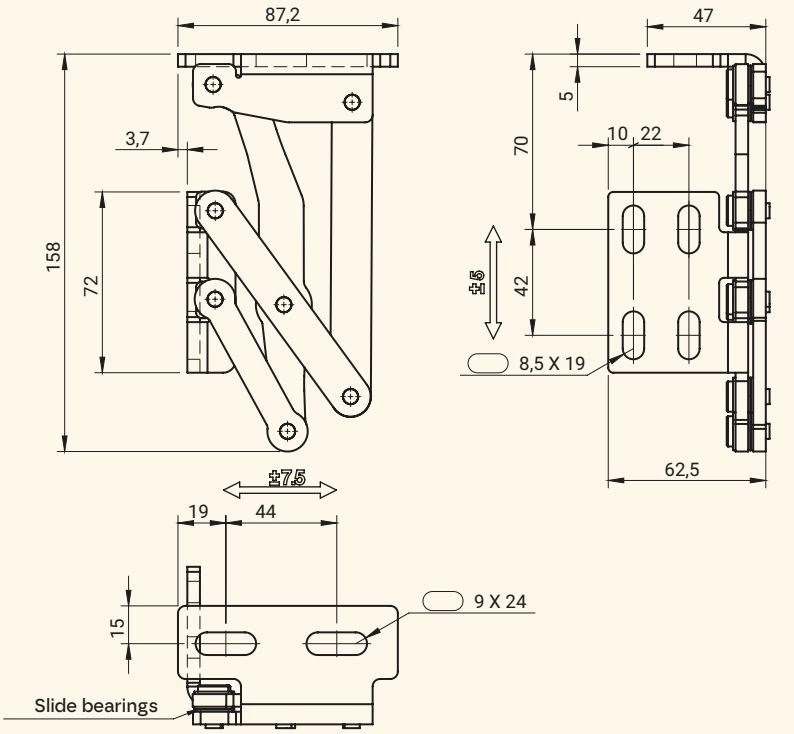
CATALOGUE NO.	VERSION	MATERIAL
3.ST300.001SN	Right	Stainless steel
3.ST300.002SN	Left	

Hinge 3.ST301



3.ST301.001SN
Right hinge

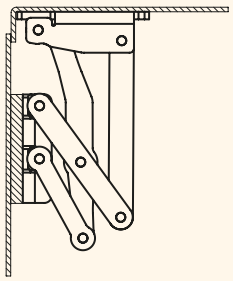




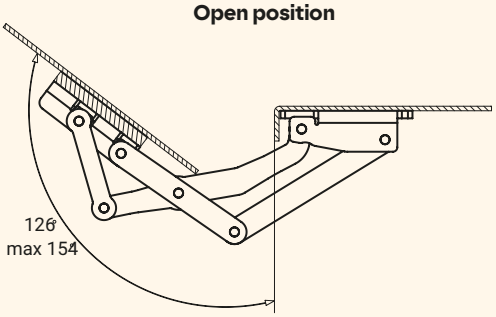
3.ST301.002SN
Left hinge



Closed position



Open position



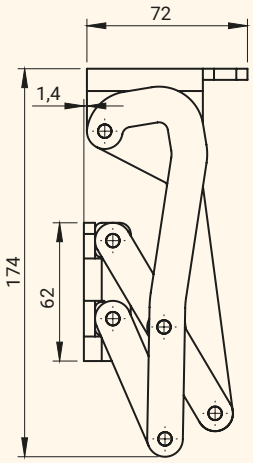
All hinge pivot axes are supported by slide bearings

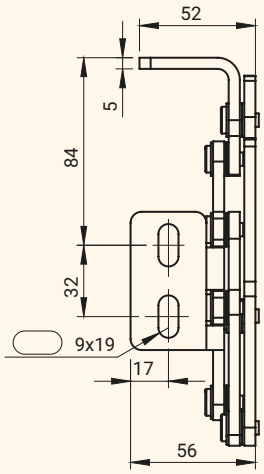
CATALOGUE NO.	VERSION	MATERIAL
3.ST301.001SN	Right	Stainless steel
3.ST301.002SN	Left	

Hinge 3.ST304

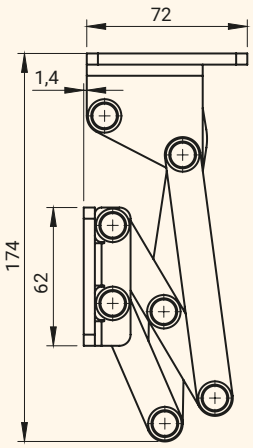


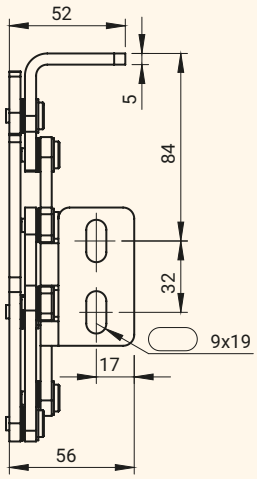
3.ST304.001





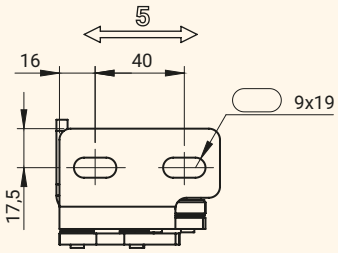
3.ST304.002

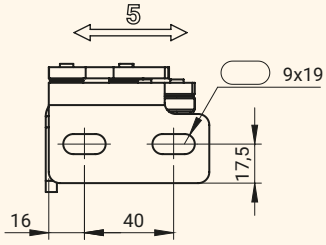




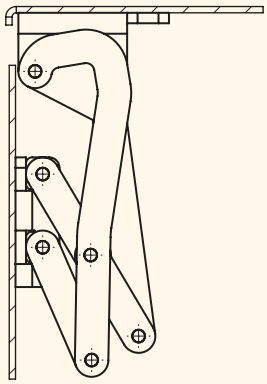


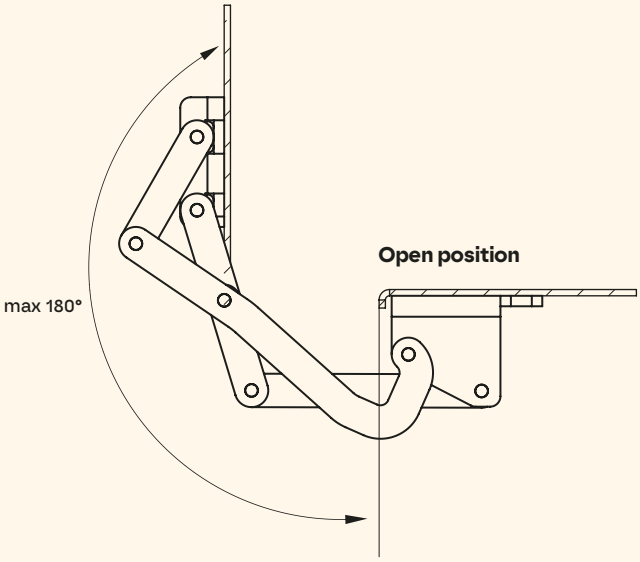
3.ST304.001





Closed position





Open position



3.ST304.002

All hinge pivot axes are supported by slide bearings

CATALOGUE NO.	VERSION	MATERIAL
3.ST304.001	Right	Stainless steel
3.ST304.002	Left	

Hinge 3.ST305

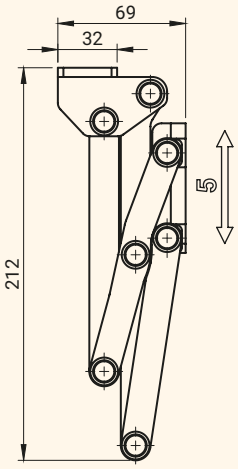
NEW

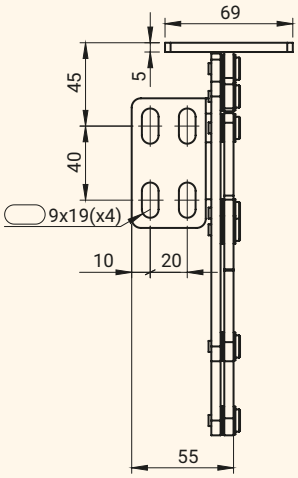
stainless steel



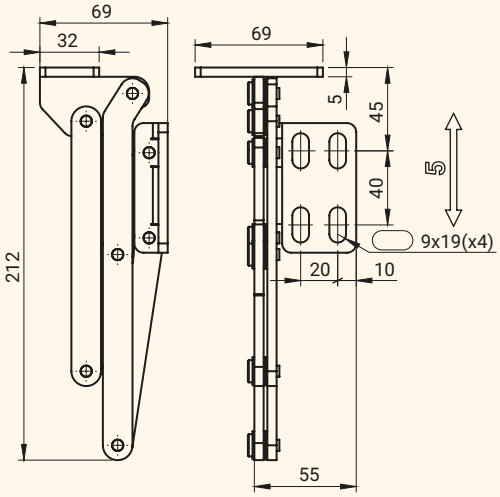
3.ST305.001



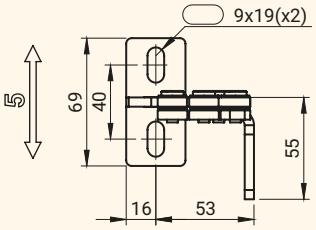


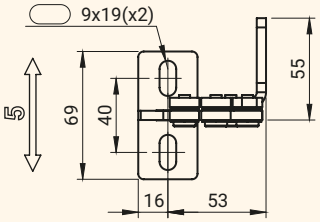


3.ST305.002



3.ST305.001

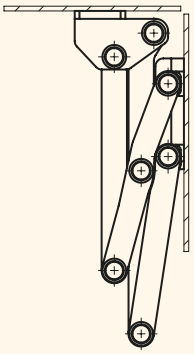




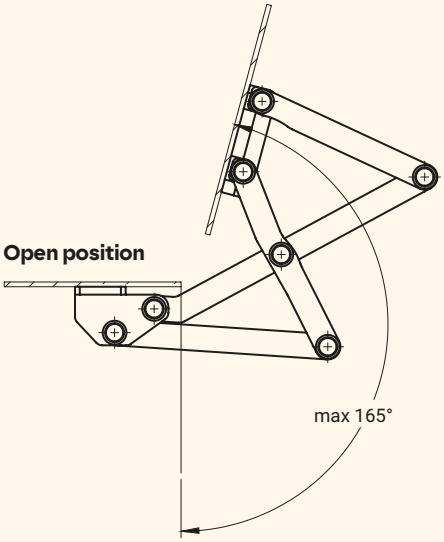


3.ST305.002

Closed position



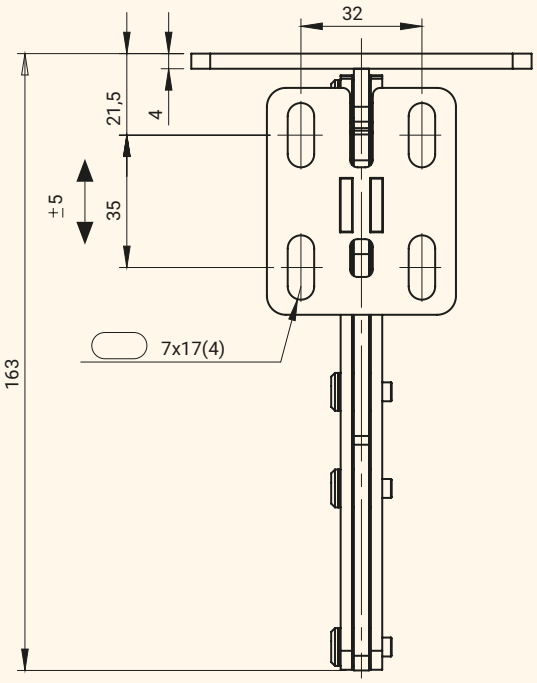
Open position

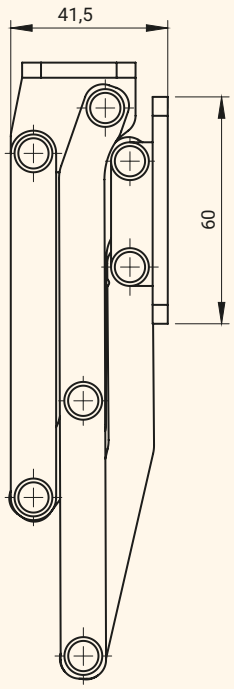


All hinge pivot axes are supported by slide bearings

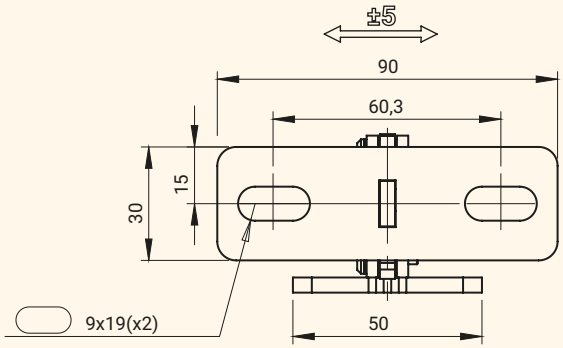
CATALOGUE NO.	VERSION	MATERIAL
3.ST305.001	Right	Stainless steel
3.ST305.002	Left	

Hinge 3.ST306

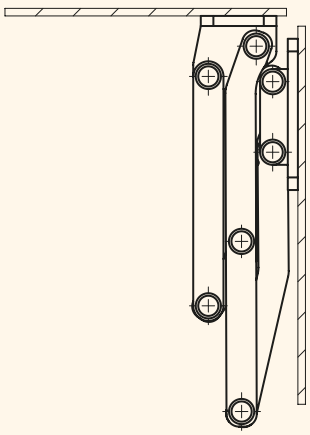




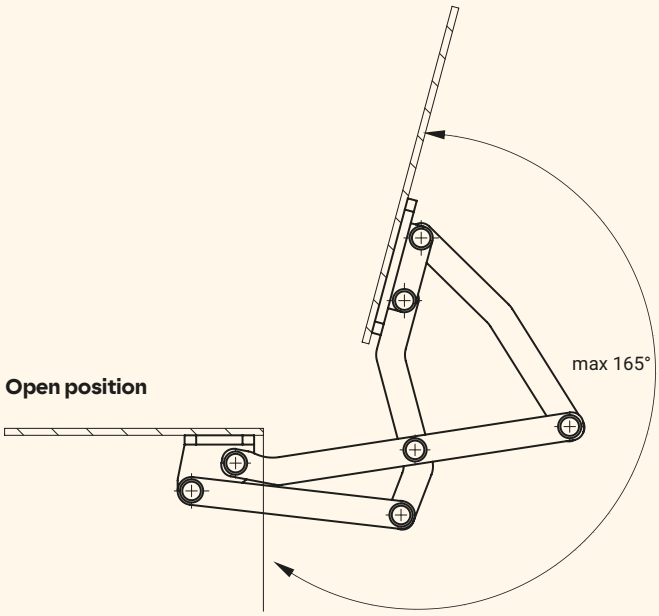




Closed position



Open position



All hinge pivot axes are supported by slide bearings

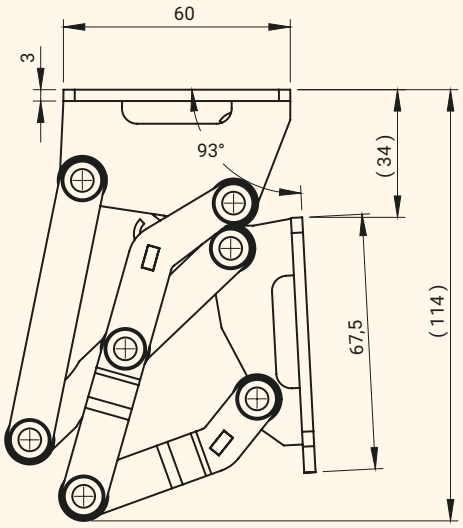
CATALOGUE NO.	VERSION	MATERIAL
3.ST306.001	Right	Stainless steel

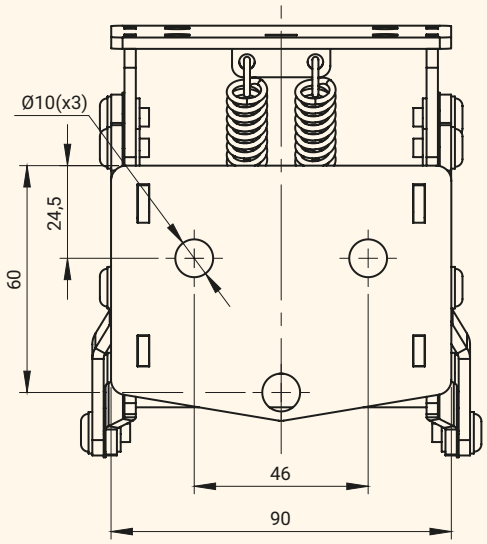
Hinge 3.ST307

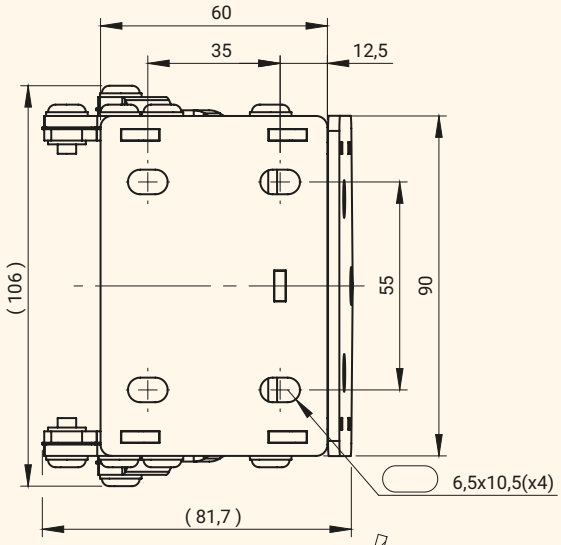
NEW

stainless steel

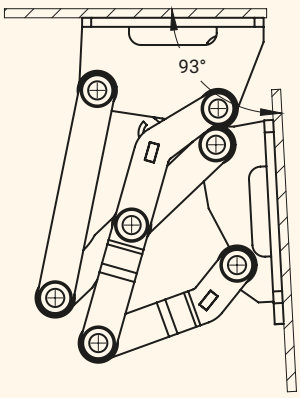




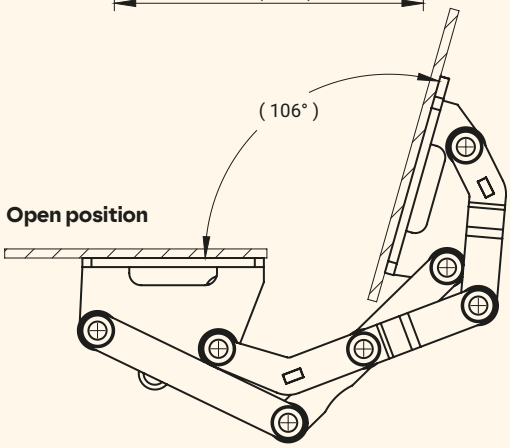




Closed position



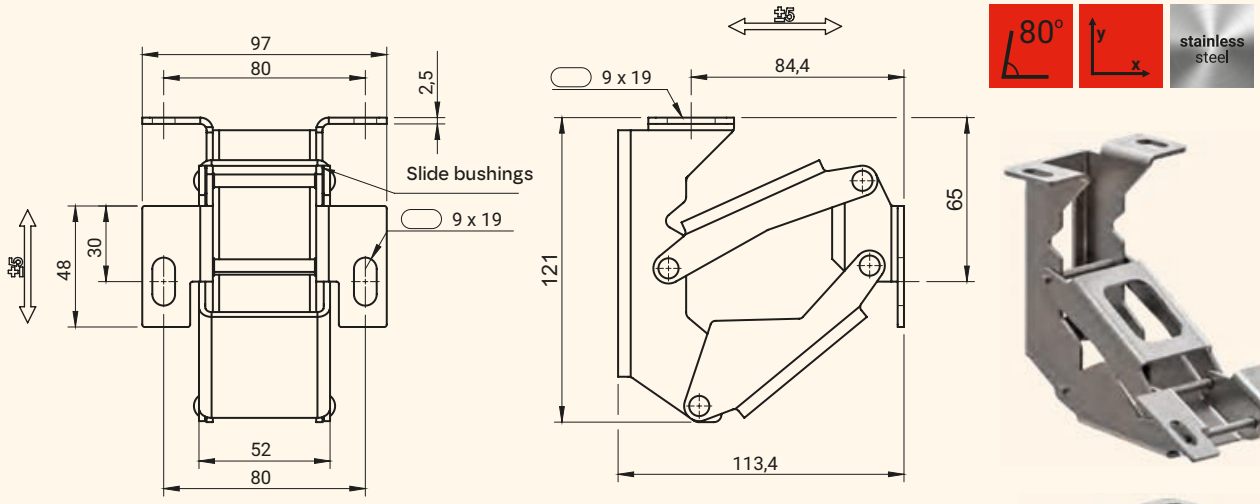
Open position



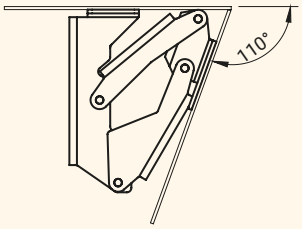
All hinge pivot axes are supported by slide bearings

CATALOGUE NO.	VERSION	MATERIAL
3.ST307.001	Right	Stainless steel

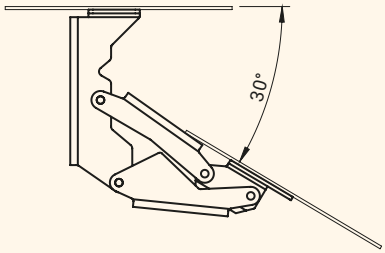
Hinge 3.ST302, 3.ST303



Closed position



Open position

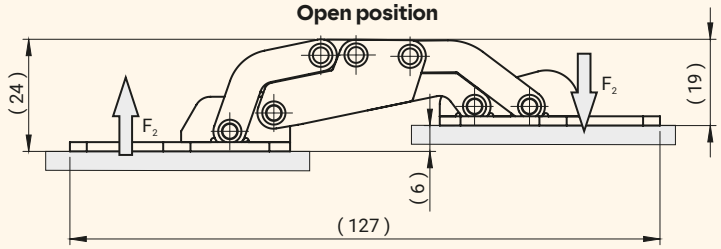




All hinge pivot axes are supported by slide bearings

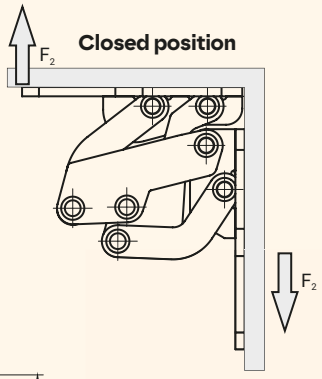
CATALOGUE NO.	MATERIAL
3.ST302.001SN	Stainless steel

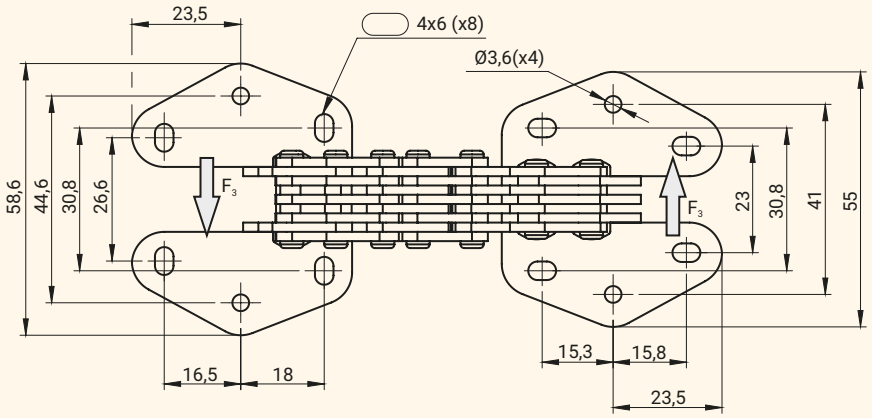
Open position

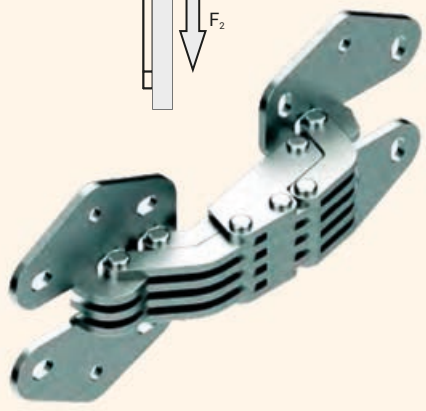


Closed position

NEW







CATALOGUE NO.	MATERIAL Steel
3.ST303.001	zinc plated

The max static load [N]		
Radial force in open position F_1	**Radial force in closed position F_2**	**Axial force F_3**
130	580	620

The max static load is the value beyond which the material may break thus prejudicing the hinge performance. Obviuosly, a suitable coefficient must be applied to this value, according to the importance and the safety level of the specific application.

Test results for max. load of internal hinges

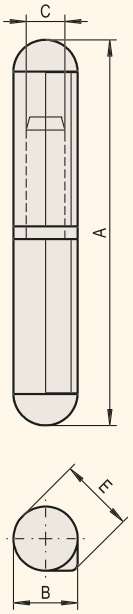
CATALOGUE NO.	MAX. WORKING LOAD [N]		
	AXIAL FORCE	RADIAL FORCE	FORCE AT 90° BENDING
3.ST5.003	1300	1250	1000
3.ST12-2.001	1100	1320	1100
3.ST12-2.001SN	1300	1460	610
3.ST16.001	2060	1100	660
3.ST20.001	2400	1700	630
3.ST20.002	540	1100	970
3.ST20.003/A	500	190	740
3.ST20.004	630	690	740
3.ST16.004	980	810	770
3.ST4-2.001	980	840	-
3.ST4-4.001	950	720	-
3.ST12B.001	980	770	-
3.ST12B.001SN	300	750	-
3.ST12B.002	370	-	-
3.ST12B.002SN	-	-	-
3.ST12B.003	-	-	-
3.ST4-2.001SN	-	-	-
3.ST4-4.001SN	-	-	-
3.ST27.001	1560	1080	-
3.ST27.001SN	1770	1480	-
3.ST27-1.001	1040	1150	-
3.ST27-1.001SN	1430	1520	-
3.ST31.001	400	245	-
3.ST32.001	920	450	-
3.ST32.003	1660	690	-
3.ST32.005	1160	450	-
3.ST46-4.001	480	250	-
3.ST50.002	1760	1570	-
3.ST50.003	1660	1710	-
3.ST50.002SN	2130	1810	-
3.ST50.003SN	2070	2260	-
3.ST65.002SN	-	640	320
3.ST84.001	-	1320	-
3.ST95.001	490	120	-
3.ST95.002SN	640	160	-
3.ST123.001SN	390	130	-
MAX. WORKING LOAD [N]			
3.ST100.001SN	590	1540	420
3.ST100.002SN	510	1780	280
3.ST303.001	620	-	580
MAX. WORKING LOAD [N]			

CATALOGUE NO.	MAX. WORKING LOAD [N]	
	AXIAL FORCE	RADIAL FORCE
3.ST100.001SN	210	420
3.ST100.002SN	200	280
3.ST303.001	130	580

The maximum working load is the value above which deformation or damage to the hinge will occur during operation. When calculating the permissible load, the designer is required to apply an appropriate safety factor, appropriate to the importance and safety level of the application.

Bullet hinges
Bearing washer stainless steel / brass

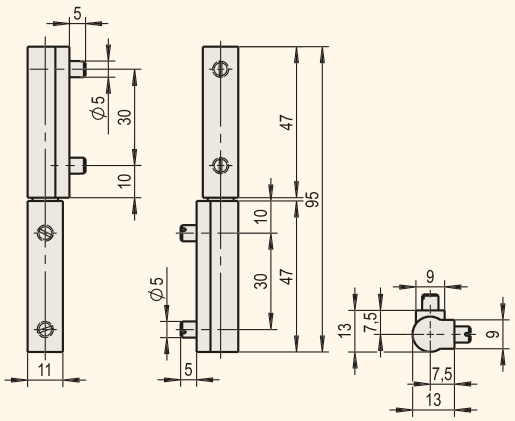




Art. No.:	Material	Bearing washer	A	B	C	E
0.45.0040.0	Stainless steel	Stainless steel	70	115	8	13,5
0.45.0041.0	Stainless steel	Stainless steel	60	10	6	12,
0.45.0042.0	Stainless steel	Stainless steel	80	13	8	15,5
0.45.0043.0	Stainless steel	Stainless steel	100	16	11	20
0.45.0044.0	Stainless steel	Stainless steel	120	16	11	20
0.45.0045.0	Stainless steel	Stainless steel	150	20	14	25
0.45.0046.0	Stainless steel	Stainless steel	180	20	14	25
0.54.0003.0	Steel	Brass	60	10	6	12
0.54.0005.0	Steel	Brass	80	13	6	15,5
0.54.0007.0	Steel	Brass	100	16	10	20
0.54.0008.0	Steel	Brass	120	16	11	20
0.54.0010.0	Steel	Brass	150	20	13	25,5
0.54.0011.0	Steel	Brass	180	20	14	25,5
Special function			•	•	•	•

Optional • = yes, o = no

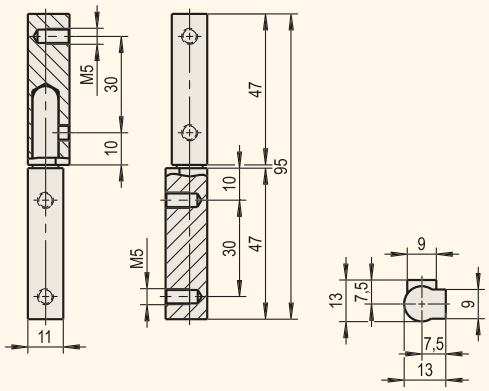
Roller hinges 95 mm
Screw and weld-on





Art. No.:	0.54.0129.0
Material	Structural steel
Surface finish	white cB galvanized
weld-on top and bottom	•

Accessories included
Stainless steel version with economical lot size



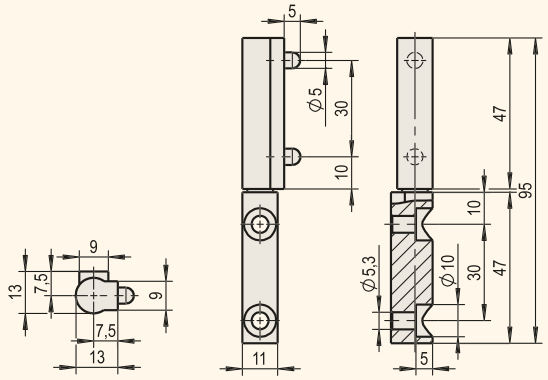


Art. No.:	0.54.8137.0	0.54.0137.0
Material	Stainless steel	Structural steel
Surface finish	bright	white cB galvanized
screw on top and bottom	•	•

Accessories included

Roller hinges
Screw and weld-on

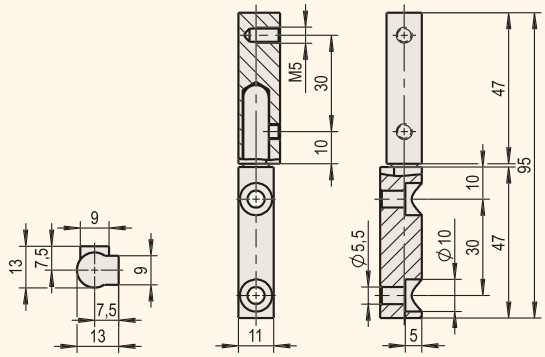




Art. No.:	0.54.0133.0	0.54.0139.0
Material	Sectional steel	Stainless steel
Surface finish	galvanized white cB	bright
oben screw on bottom and weld-on top	•	•

Accessories included

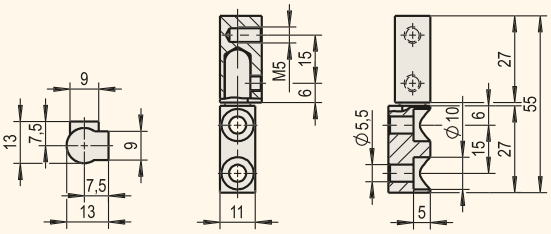




Art. No.:	0.54.0140.0	0.54.0141.0
Material	Stainless steel	Structural steel
Surface finish	bright	galvanized white cB
screw on top and bottom	•	•

Accessories included

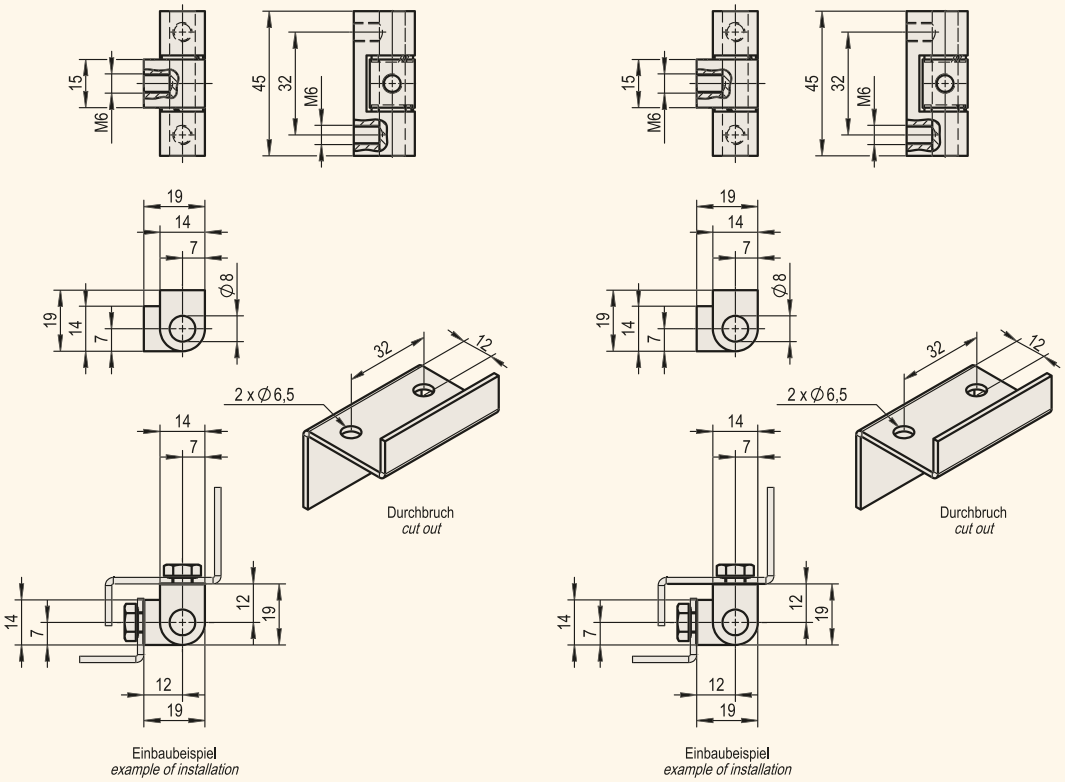




Art. No.:	0.54.0148.0	0.54.0149.0
Material	Stainless steel	Structural steel
Surface finish	bright	galvanized white cB
screw on top and bottom	•	•

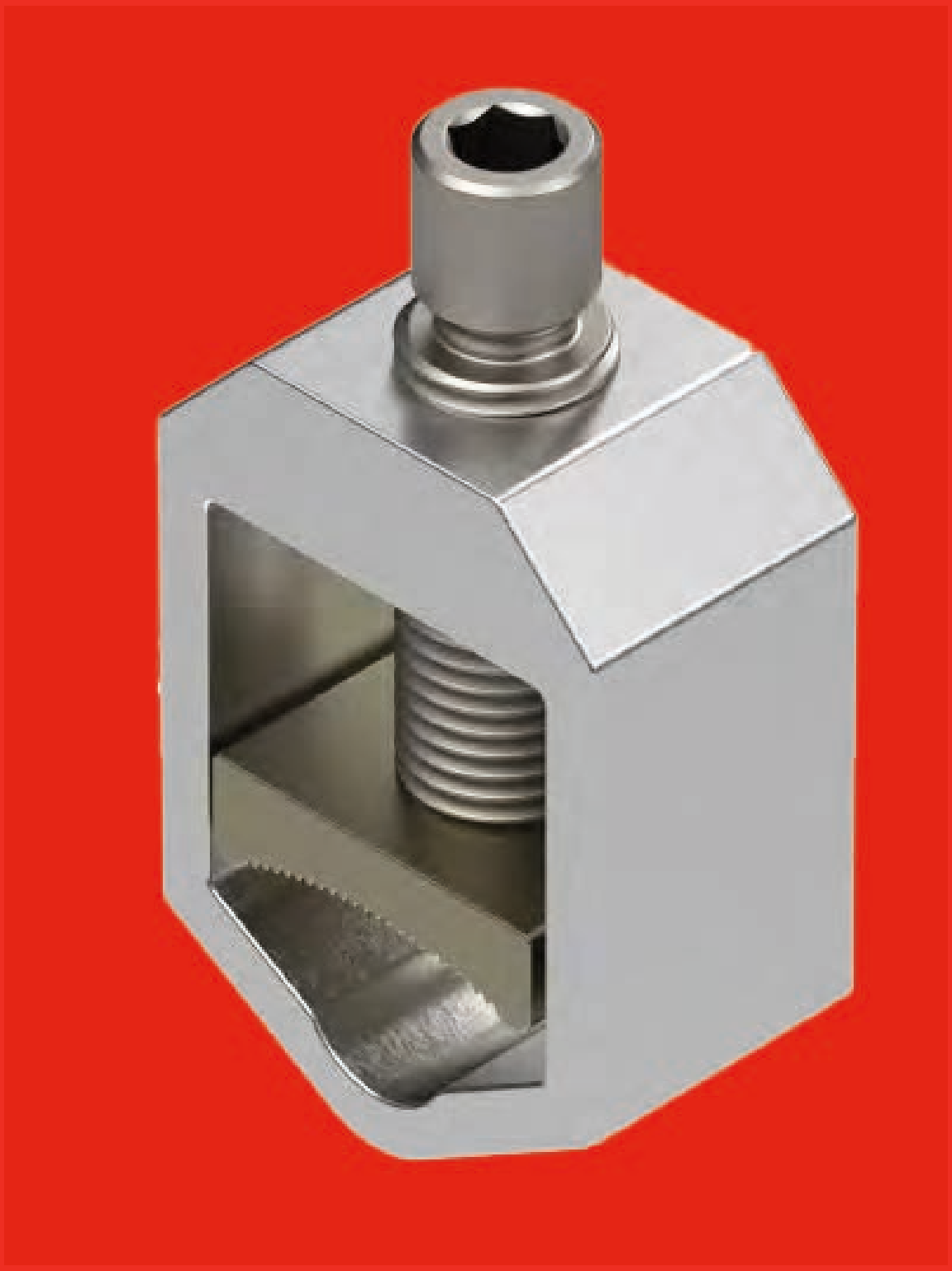
Accessories included

180° Screw on hinge
black or chrome plated



Art. No.:	0.54.0410.0	0.54.0411.0
Article indication	80° Hinge	180° Hinge
Pin	Ø 8 mm Stainless steel	Ø 8 mm Stainless steel
Material	Zinc-die-cast	Zinc-die-cast
Surface finish	black coated	chrome plated

Neutral polyamide bearing bushings



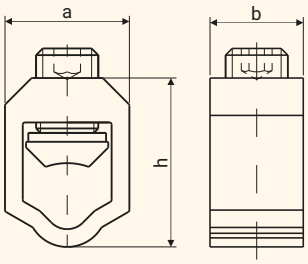
04

Clamping screws

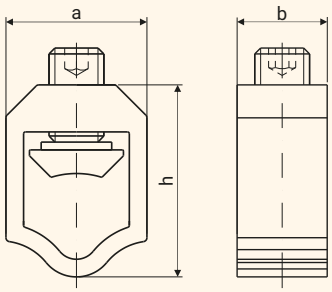
Screw clamps v-klema type
Single aluminium



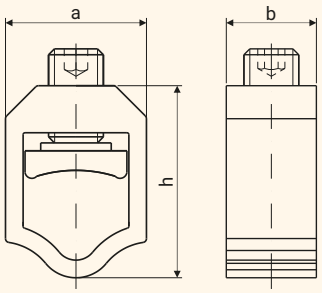
25-120SW



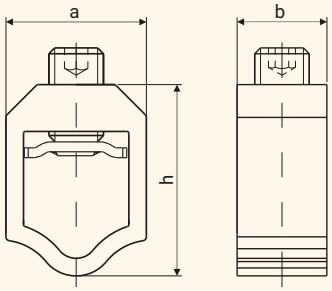
35-240SW
50-240SW
35-240SW-C
50-240SW-C



70-300SW
95-300SW



25-120SW-B
50-300SW-B
95-300SW-B



sm - multiwire sector shaped conductor (flexible)
rm - round multiwire conductor (flexible)
se - sector shaped conductor (rigid)
re - round conductor (rigid)

DETAIL	CROSS-SECTION [mm2]				NOMINAL CROSS-SECTION [mm]^2	MAX TIGHTENING TORGUE [Nm]	DIMENSIONS		
	sm	se	rm	re			a	b	h
25-120SW	25-120	25-120	16-95	16-95	95	20	28	18,5	38
35-240SW	35-185	35-240	25-95	25-120	120	30	35	23	49
50-240SW	50-185	50-240	35-95	35-120	120	30	35	23	49
70-300SW	70-240	95-300	50-120	70-150	150	30	35	23	49
95-300SW	70-240	95-300	50-185	70-240	150	30	37,5	23	54
25-120SW-B	25-120	25-120	16-95	16-95	95	20	28	18,5	38
50-300SW-B*	50-240	50-300	35-240	35-240	150	30	35	23	49
95-300SW-B	70-300	95-300	95-300	70-240	240	30	37,5	23	54
35-240SW-C	35-240	35-240	35-95	35-120	150	30	35	23,2	49
50-240SW-C	50-240	50-240	35-95	35-120	150	30	35	23,2	49

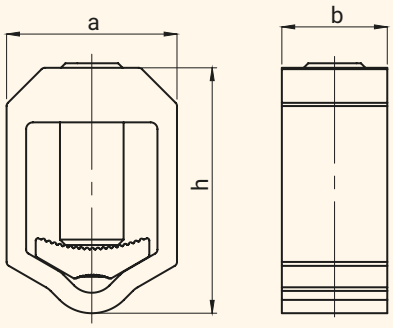
	25-120SW	35-240SW	50-240SW	70-240SW	95-300SW	25-120SW-B	50-300SW-B	95-300SW-B	35-240SW-C	50-240SW-C
clamp	Brass- zinc plated					Spring steel zinc-plated			ZAMAK tin-plated	
housing	Aluminium (AlMgSi)									
screw	Steel zinc-plated									

SW - hexagon head socked
* Screw clamps conform to EN 60947-7-1 (IEC 60947-7-1)
* Clamp can be supplied with a tightening torque of 35 Nm

Screw clamps v-klema type
Single aluminium

NEW

10-300SW





Possibility of changing the way the clamp is mounted



sm - multiwire sector shaped conductor (flexible)

rm - round multiwire conductor (flexible)

se - sector shaped conductor (rigid)

re - round conductor (rigid)

DETAIL	CROSS-SECTION [mm2]				NOMINAL CROSS-SECTION [mm]2	MAX TIGHTENING TORGUE [Nm]	DIMENSIONS		
	sm	se	rm	re			a	b	h
10-300SW	70-300	95-300	10-150	10-150	150	25	37,5	23,2	54

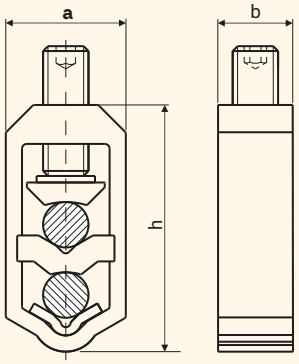
	10-300SW
clamp	Brass- zinc plated
housing	Aluminium (AlMgSi)
screw	Steel zinc-plated

SW - hexagon head socked
* Screw clamps conform to EN 60947-7-1 (IEC 60947-7-1)
* Screw clamp 10-300SW - current value I = 309 A

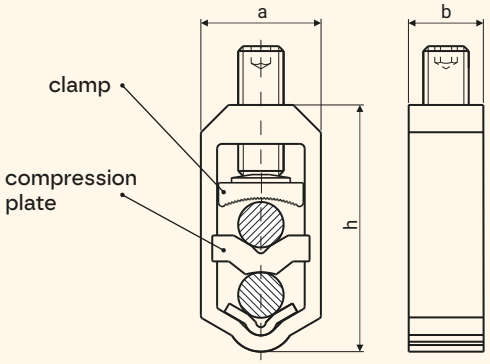
Screw clamps v-klema type
Double aluminium



2/25-120SW
2/50-240SW
2/25-120SW-D
2/50-240SW-D

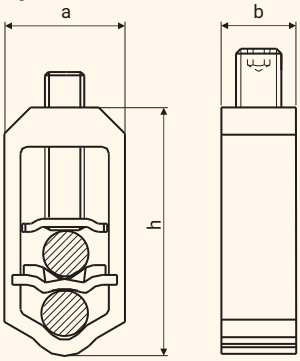


2/70-300SW
2/70-300SW-E

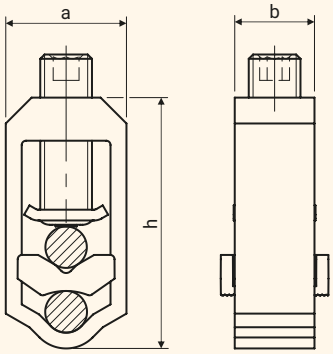




2/25-120SW-B
2/35-300SW-B



2/25-120SW-B
2/25-120SW-E



sm - multiwire sector shaped conductor (flexible)
rm - round multiwire conductor (flexible)
se - sector shaped conductor (rigid)
re - round conductor (rigid)

DETAIL	CROSS-SECTION [mm2]				NOMINAL CROSS-SECTION [mm]^2	MAX TIGHTENING TORGUE[Nm]	DIMENSIONS		
	sm	se	rm	re			a	b	h
2/25-120SW	25-120	25-120	16-95	16-95	95	20	28	18	58
2/50-240SW	35-185	35-240	35-120	35-150	150	30	37	23	76
2/70-300SW	70-240	95-300	50-120	70-150	150	30	35	23	76
2/25-120SW-B	25-120	25-120	16-95	16-95	95	20	28	18	58
2/35-300SW-B	50-240	50-240	35-300	50-150	150	30	37	23	76
2/25-120SW-D	25-120	25-120	16-95	16-95	95	20	28	18	58
2/50-240SW-D	35-185	35-240	35-120	35-150	150	30	37	23	76
2/70-300SW-E	70-240	95-300	50-120	70-150	150	30	37	23	76
2/25-120SW-E	25-120	25-120	16-95	16-95	95	20	28	18	58

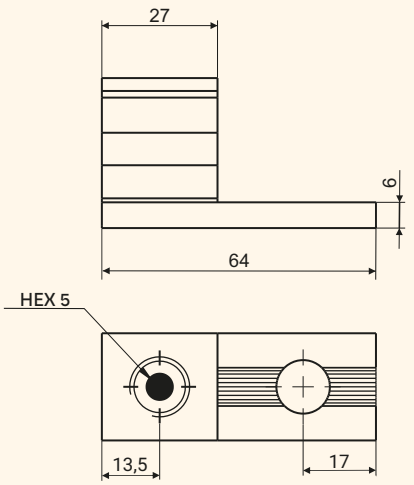
	2/25-120SW	2/50-240SW	2/70-300SW	2/25-120SW-B	2/35-300SW-B
Clamp	Brass- zinc plated			Spring steel zinc-plated	
Compression Plate	Brass- zinc plated			Spring steel zinc-plated	
Housing	Aluminium (AlMgSi)				
Screw	Steel zinc-plated				

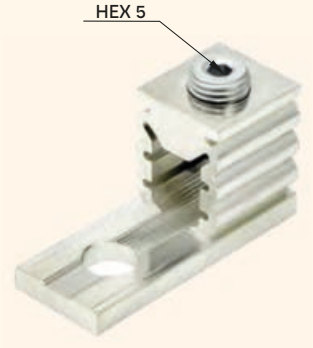
	2/25-120SW-D	2/50-240SW-D	2/70-300SW-E	2/25-120SW-E
Clamp	Brass- zinc plated	ZAMAK tin-plated	Brass- zinc plated	Spring steel zinc-plated
Compression plate	ZAMAK tin-plated			
Housing	Aluminium (AlMgSi)			
Screw	Steel zinc-plated			

* SW - hexagon head socked
* Screw clamps conform to EN 60947-7-1 (IEC 60947-7-1)

Screw clamps v-klema
type Aluminium

16-120SW



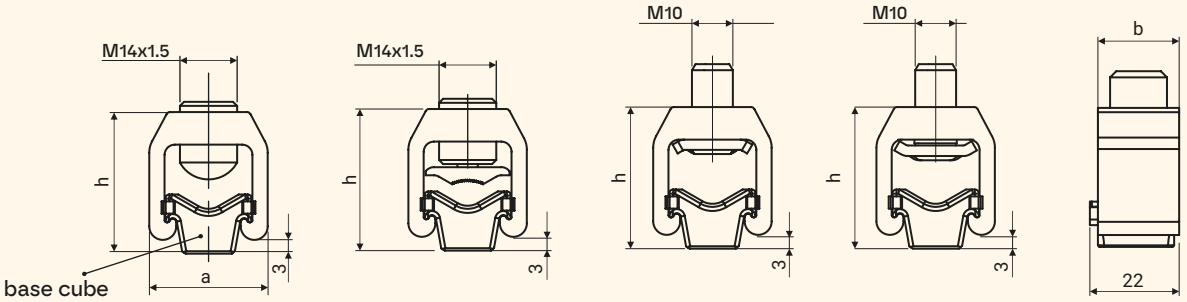


Cross section	Tightening torgue
16-35mm^2	12 Nm
50-120mm	25 Nm^2

For the multiwire sector shaped conductor the need to use the tip of the sleeveDIN 46228/4rm



10-150.SW.A **10-150.SW.B** **10-150.SW.C1** **10-150.SW.C2**



sm - multiwire sector shaped conductor (flexible)

rm - round multiwire conductor (flexible)

se - sector shaped conductor (rigid)

re - round conductor (rigid)

DETAIL	CROSS-SECTION [mm2]				NOMINAL CROSS-SECTION [mm]^2	MAX TIGHTENING TORGUE [Nm]	DIMENSIONS		
	sm	se	rm	re			a	b	h
16-120SW	-	-	16-120	16-120	120	12-25	25	27	35
10-150.SW.A	35-120	35-150	10-95	10-120	120	15	29	20	34
10-150.SW.B	35-70	35-95	10-50	10-70	95	15	29	20	34
10-150.SW.C	35-70	35-95	10-50	10-70	95	15	29	20	34

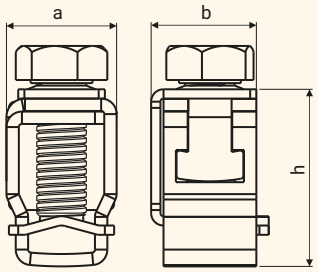
	16-120SW	10-150.SW.A	10-150.SW.B	10-150.SW.C1/C2
Clamp	-	-	Brass tin-plated	Spring steel zinc-plated
Base cube	-	Brass tin-plated		
Housing	Aluminium (AlMgSi)			
Screw	Brass tin-plated			Steel zinc-plated

* SW - hexagon head socked.
* Screw clamps conform to EN 60947-7-1 (IEC 60947-7-1)

Screw clamps v-klema type H steel singleM, HS

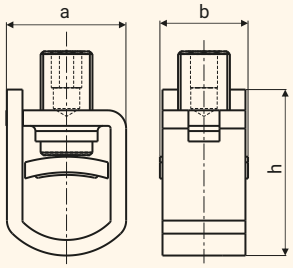
HM 6-50





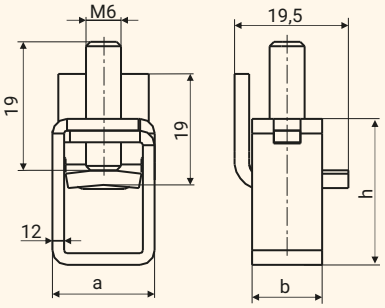
HS 10-95





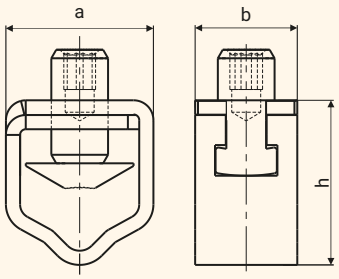
HS 6-50





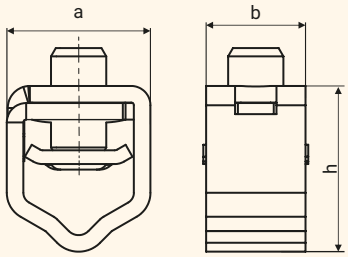
HM 10-95/A
HM 10-95/C
HM 25-150/A
HM 25-150/B





HM 10-95/B





sm - multiwire sector shaped conductor (flexible)

rm - round multiwire conductor (flexible)

se - sector shaped conductor (rigid)

re - round conductor (rigid)

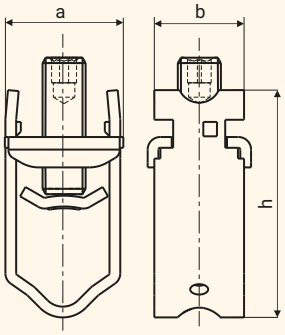
DETAIL	CROSS-SECTION [mm2]				NOMINAL CROSS-SECTION [mm]^2	MAX TIGHTENING TORGUE [Nm]	DIMENSIONS		
	sm	se	rm	re			a	b	h
HM 6-50	25-50	25-50	6-50	6-50	50	8	18	16	30
HM 10-95/A	25-95	20-120	10-70	10-70	95	15	26	18	30
HM 10-95/B	25-95	20-120	10-70	10-70	95	15	26	18	30
HM 10-95/C	25-95	20-120	10-70	10-70	95	15	26	18	30
HM 25-150/A	25-120	35-150	25-120	35-120	95	25	26	18	31,5
HM 25-150/B	25-120	35-150	25-120	35-120	95	25	26	18	31,5
HS 6-50	-	-	6-50	6-50	50	6	17,5	12	25
HS 10-95	25-95	25-95	10-95	10-70	95	15	23	16	32

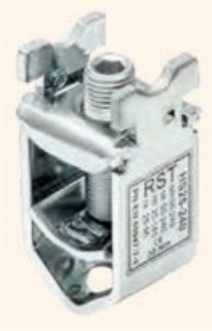
	HM 6-50	HS 6-50	HS 10-95	HM 10-95/A	HM 10-95/B	HM 10-95/C	HM 25-150/A	HM 25-150/B
Housing	Spring steel zinc-plated			Stainless steel	Spring steel zinc-plated	Spring steel zinc-plated	Stainless steel	Steel zinc-plated
Clamp	Spring steel zinc-plated			Brass tin-plated	Spring steel zinc-plated	Brass tin-plated	Brass tin-plated	Brass tin-plated
Screw	Steel zinc-plated			Stainless steel	Steel zinc-plated	Steel zinc-plated	Stainless steel	Steel zinc-plated

* Screw clamps conform to EN 60947-7-1 (IEC 60947-7-1)

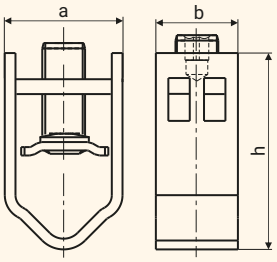
Screw clamps v-klema type H steel singleS

HS 25-240



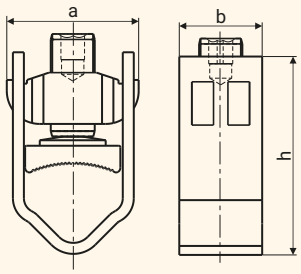


HS 35-300-B
HS 50-300-B



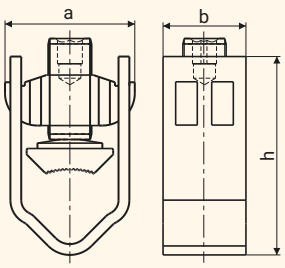


HS 70-300



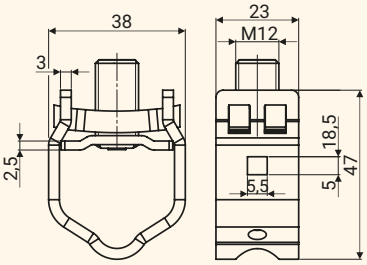


HS 50-240





HS 120-300





sm - multiwire sector shaped conductor (flexible)
rm - round multiwire conductor (flexible)
se - sector shaped conductor (rigid)
re - round conductor (rigid)

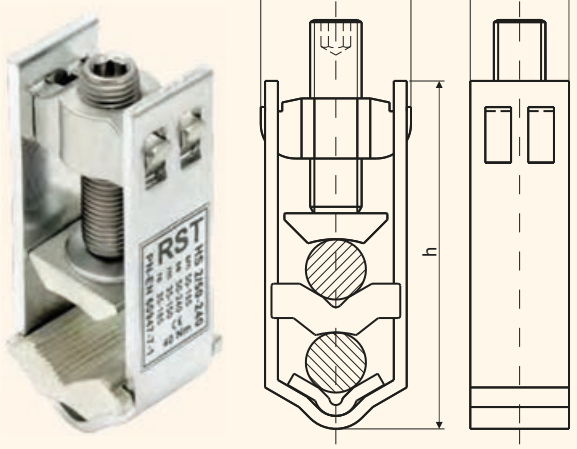
DETAIL	CROSS-SECTION [mm2]				NOMINAL CROSS-SECTION [mm]^2	MAX TIGHTENING TORGUE [Nm]	DIMENSIONS		
	sm	se	rm	re			a	b	h
HS 25-240	50-240	50-240	25-185	25-95	240	30	33	25	63
HS 50-240	50-185	50-240	35-120	35-150	150	40	35	22	55
HS 70-300	70-240	95-300	50-150	70-185	185	40	35	22	55
HS 35-300-B	35-240	35-300	35-300	35-185	185	40	35	22	55
HS 50-300-B	50-240	70-300	50-300	50-185	185	40	35	22	55
HS 120-300	120-300	120-300	120-300	120-300	300	40	38	23	47

	HS 25-240	HS 50-240	HS 70-300	HS 35-300-B	HS 50-300-B	HS 120-300
Housing	Spring steel zinc-plated					Stainless steel
Clamp	Spring steel zinc-plated	Brass tin-plated		Spring steel zinc-plated		
Screw	Steel zinc-plated					
Nut	Steel zinc-plated	Brass tin-plated		Steel zinc-plated		

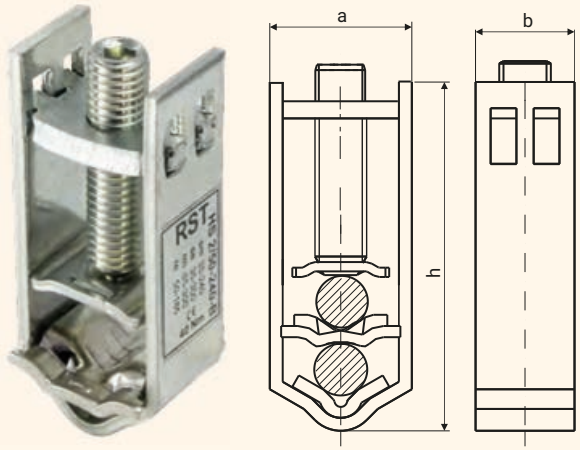
* Screw clamps conform to EN 60947-7-1 (IEC 60947-7-1)

Screw clamps v-klema type H steel doubleS

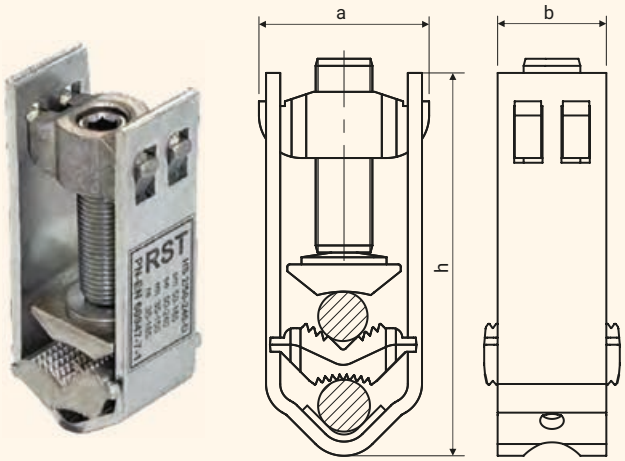
HS 2/50-240



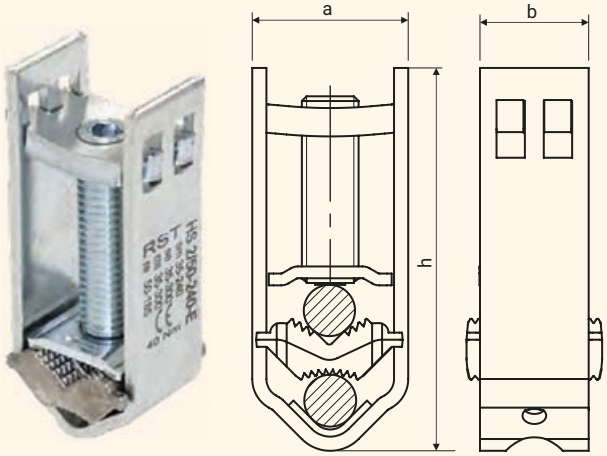
HS 2/50-240-B



HS 2/50-240-D



HS 2/50-240-E



sm - multiwire sector shaped conductor (flexible)

rm - round multiwire conductor (flexible)

se - sector shaped conductor (rigid)

re - round conductor (rigid)

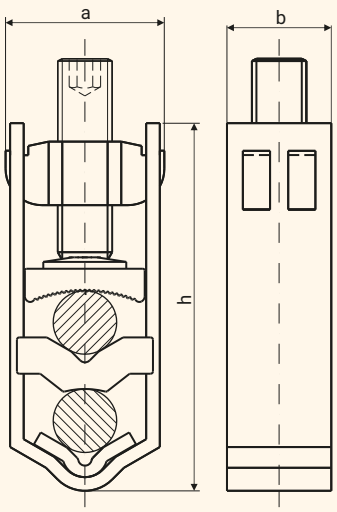
DETAIL	CROSS-SECTION [mm2]				NOMINAL CROSS-SECTION [mm]^2	MAX TIGHTENING TORGUE [Nm]	DIMENSIONS		
	sm	se	rm	re			a	b	h
HS 2/50-240 HS	50-185	50-240	35-150	35-185	185	40	35	22	81
2/50-240-B	35-240	35-300	35-300	50-185	185	40	35	22	81
HS 2/50-240-D	50-185	50-240	35-150	35-185	185	40	36	23	81
HS 2/50-240-E	35-240	35-300	35-300	50-185	185	40	35	23	81

	HS 2/50-240	HS 2/50-240-B	HS 2/50-240-D	HS 2/50-240-E
Clamp	Brass tin-plated	Steel zinc-plated	ZAMAK tin-plated	Steel zinc plated
Housing	Spring steel zinc-plated			
Screw	Steel zinc-plated			
Compression plate	Brass tin-plated		ZAMAK tin-plated	
Nut	Brass tin-plated	Spring steel zinc-plated	Brass tin-plated	Steel zinc plated

* Screw clamps conform to EN 60947-7-1 (IEC 60947-7-1)

Screw clamps v-klema type H steel double 2/70-300S

HS 2/70-300





sm - multiwire sector shaped conductor (flexible)

rm - round multiwire conductor (flexible)

se - sector shaped conductor (rigid)

re - round conductor (rigid)

DETAIL	CROSS-SECTION [mm2]				NOMINAL CROSS-SECTION [mm]^2	MAX TIGHTENING TORGUE [Nm]	DIMENSIONS		
	sm	se	rm	re			a	b	h
HS 2/70-300	70-240	95-300	50-120	70-150	185	30	35	22	81

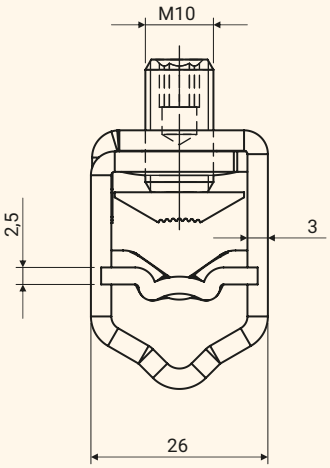
	HS 2/70-300
Clamp	Brass tin-plated
Housing	Spring steel zinc-plated
Screw	Steel zinc-plated
Compression plate	Brass tin-plated
Nut	Brass tin-plated

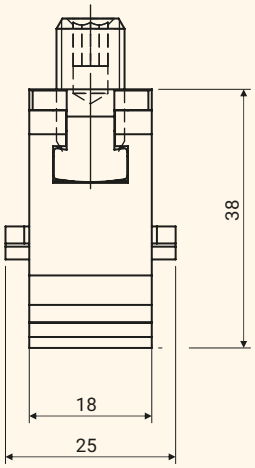
* Screw clamps conform to EN 60947-7-1 (IEC 60947-7-1)

Screw clamps v-klema type HM steel double

HM 2/10-70-A

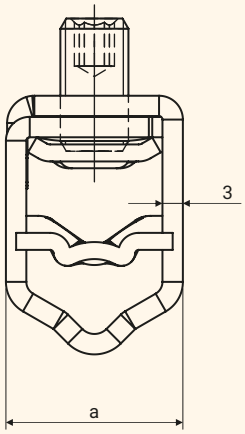


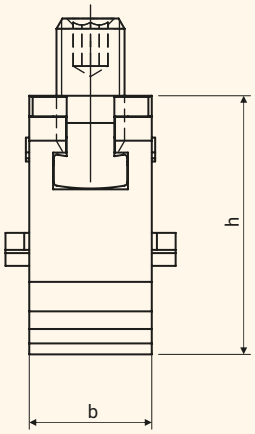




HM 2/10-70-B







sm - multiwire sector shaped conductor (flexible)

rm - round multiwire conductor (flexible)

se - sector shaped conductor (rigid)

re - round conductor (rigid)

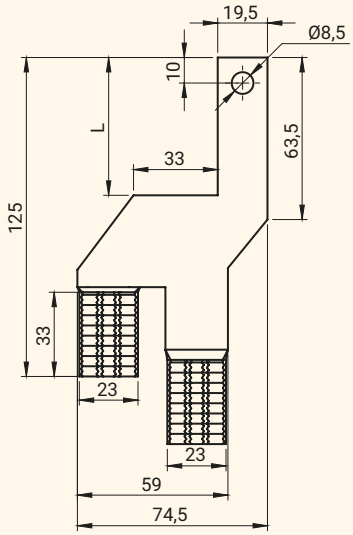
DETAIL	CROSS-SECTION [mm2]				MAX TIGHTENING TORGUE [Nm]	DIMENSIONS		
	sm	se	rm	re		a	b	h
HM 2/10-70-A	10-50	10-70	10-35	10-50	15	26	18	38
HM 2/10-70-B	10-50	10-70	10-35	10-50	15	26	18	38

	HM 2/10-70-A	HM 2/10-70-B
Clamp	Brass tin-plated	Steel zinc-plated
Housing	Steel zinc-plated	Steel zinc-plated
Screw	Steel zinc-plated	Steel zinc-plated
Compression plate	Copper tinned	Copper tinned

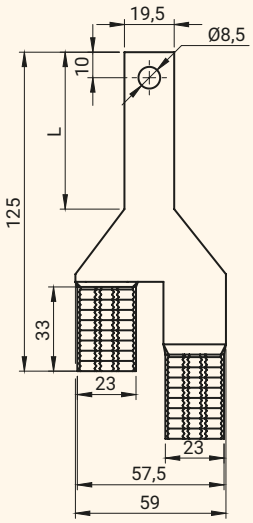
* Screw clamps conform to EN 60947-7-1 (IEC 60947-7-1)

Terminal 4.601

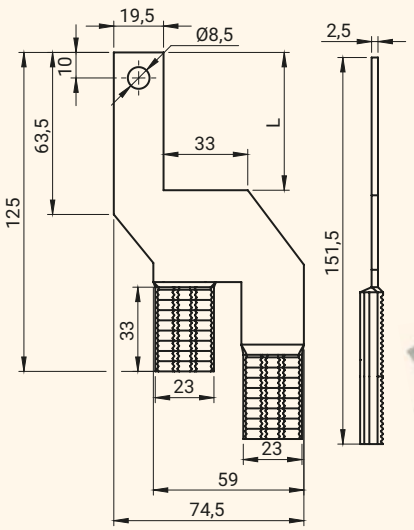
4.601.101
4.601.201



4.601.102
4.601.202

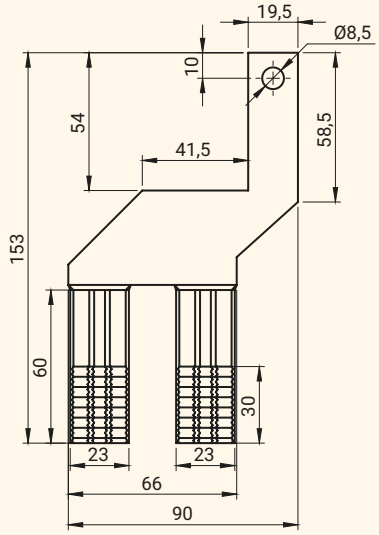


4.601.103
4.601.203

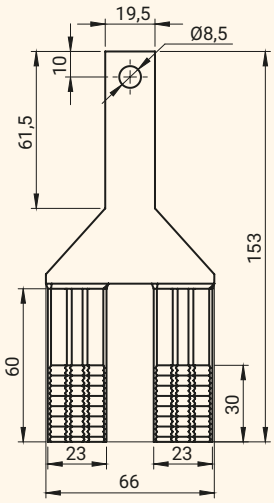




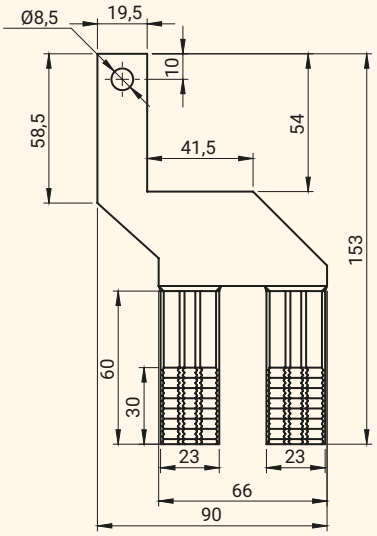
4.601.401



4.601.402

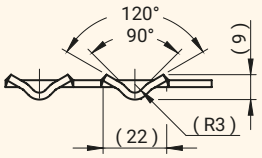


4.601.403







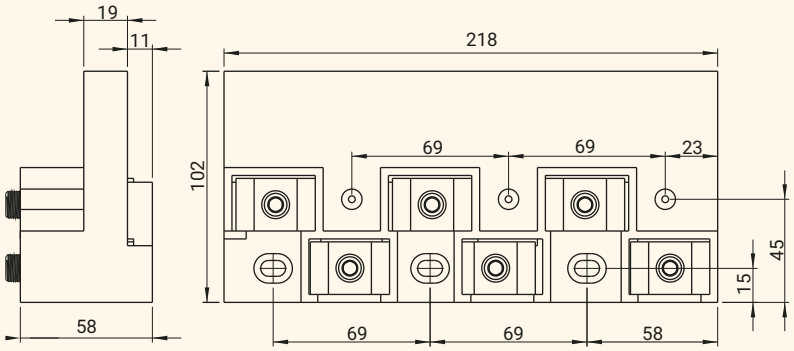


CATALOGUE NO.	L [mm]	NAME	MATERIAL
4.601.101	54	Terminals	Tin-plated copper
4.601.201	42		
4.601.102	63,5		
4.601.202	50		
4.601.103	54		
4.601.203	42		
4.601.401	-		
4.601.402	-		
4.601.403	-		

Connecting device RBK LZ6V
Terminal 4.603



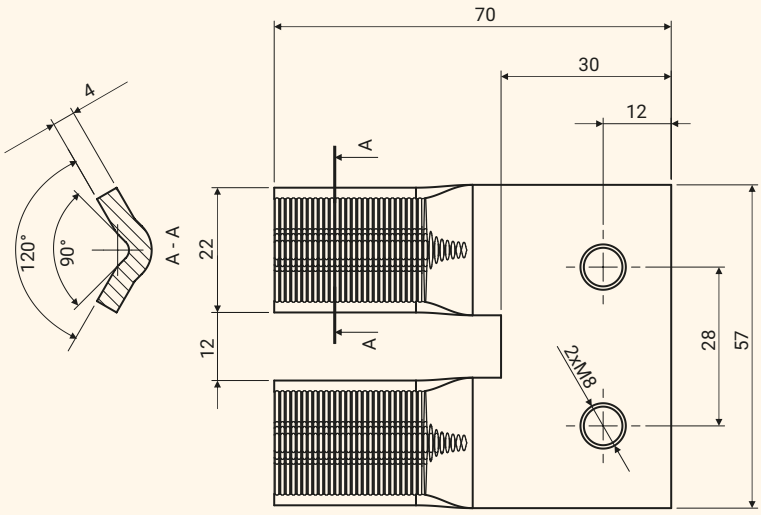
Connecting device RBK LZ6V



Terminals for connecting device 4.601.001

CATALOGUE NO.	NAME	MATERIAL
4.601.001	Connecting device LZ6V	Polyamide PA6 - colour white

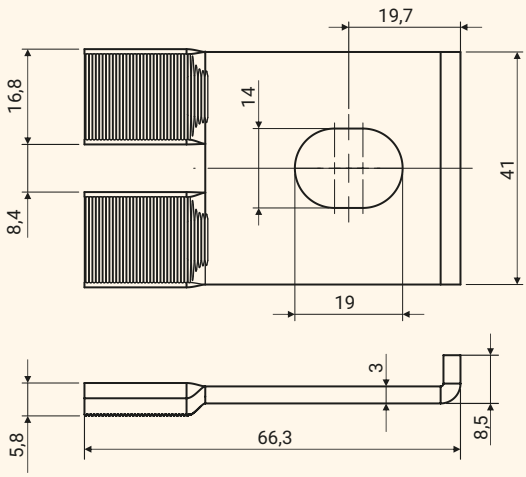




Terminal is dedicated to clamps pg.: 4-1 (in main catalogue) except 25-120 SW, 25-120 SW-B; 4-2 except 2,25-120 SW, 2/25-120 SW-B; 4-5; 4-6 (in main catalogue) except HS 2/70-240-C.

CATALOGUE NO.	DETAIL	MATERIAL
4.603.003	Terminal	Tin-plated copper



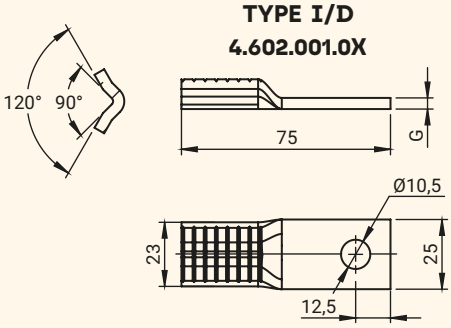


Terminal is dedicated to clamps HS 10-95 (pg. 4-4 in main catalogue)

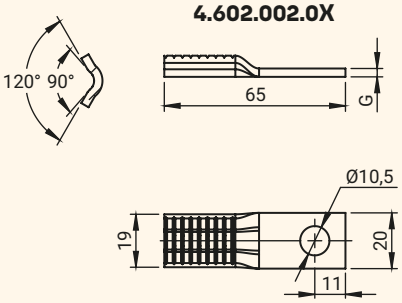
CATALOGUE NO.	DETAIL	MATERIAL
4.603.004	Terminal	Steel zinc plated

Terminals

TYPE I/D
4.602.001.0X

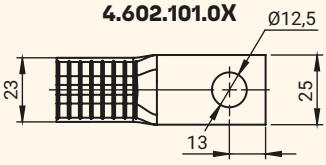


TYPE I/M
4.602.002.0X

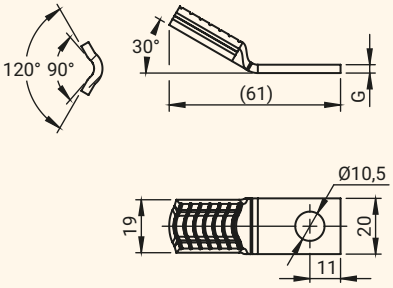




TYPE I/D
4.602.101.0X

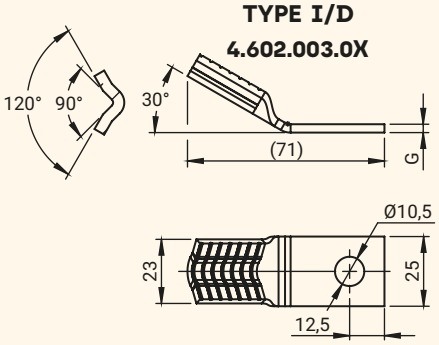


TYPE I/M
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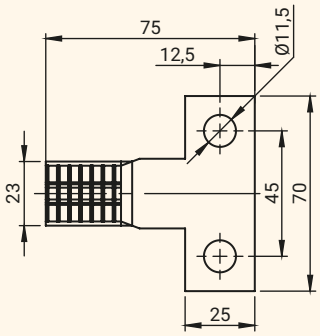




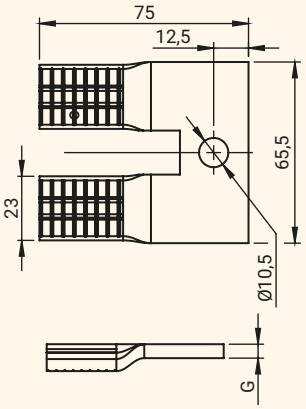
TYPE I/D
4.602.003.0X



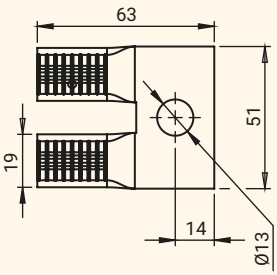
TYPE T
4.604.001



TYPE C
4.603.001.0X



TYPE C
4.603.002.0X





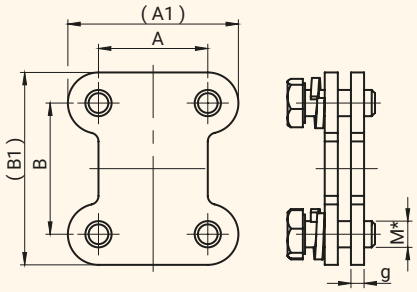
CATALOGUE NO.	G	Version	MATERIAL
	mm	Ø	
4.602.001.01	3	10,5	Tin-plated copper
4.602.001.02	4		
4.602.001.03	5		
4.602.101.01	3	12,5	
4.602.101.02	4		
4.602.101.03	5		
4.602.002.01	3	10,5	
4.603.001.01	3		
4.603.001.02	4		
4.603.001.03	5		

CATALOGUE NO.	G	Version	MATERIAL
	mm	Ø	
4.603.002.01	3	13	Tin-plated copper
4.603.002.02	4		
4.603.002.03	5		
4.604.001.01	3	11,5	
4.602.003.01	3	10,5	
4.602.003.02	4		
4.602.003.03	5		
4.602.004.01	3	10,5	
4.602.004.02	4		
4.602.004.03	5		

Clamps, V-klema covers, surge protection clamp

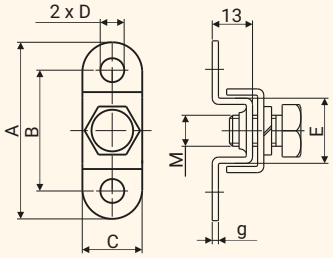
4-SCREW CLAMP 4.405





GROUND CLAMP 4.406



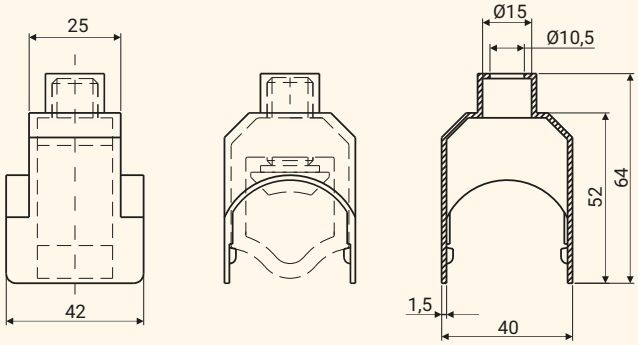


* DIN 933 screws and DIN 127 washers included.

CATALOGUE NO.	NAME	MATERIAL	A	A1	B	B1	C	D	E	g	M
4.405.001	4-Screw clamp	Steel zinc plated	25	39	30	44	-	-	-	3	M6
4.405.002			30	44	35	49	-	-	-	3	M6
4.405.003			35	49	35	49	-	-	-	3	M6
4.405.004			41,8	59,8	46,8	64,8	-	-	-	5	M8
4.405.005			46,8	64,8	46,8	64,8	-	-	-	5	M8
4.406.001	Ground clamp	Steel zinc plated	53	-	39	-	18	ø 6,5	19	2	M8x16
4.406.002			62	-	42	-	21	ø 8,5	22	2,5	M10x16

V-KLEMY COVERS



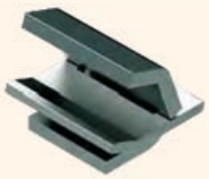


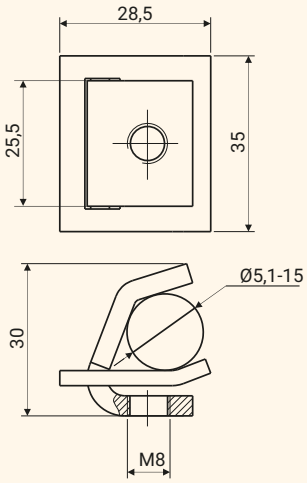
NOTICE:
V-klema covers can be used with screw clamps type:
50-240SW, 70-300SW, 50-300SW i 35-240SW

CATALOGUE NO.	NAME	MATERIAL
4.520.001.0X	V-klema cover	PA6-polyamide

	COLORS [X]
01	black
02	blue
03	red
04	green
05	yellow
06	grey

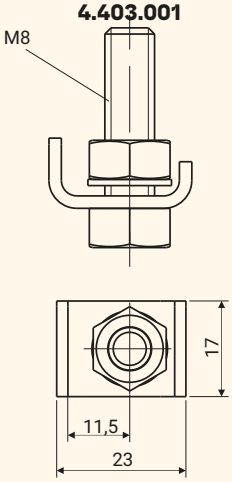
LINEAR CLAMP - ZLG 4.402.001





GOUND HOLDER 4.403.001

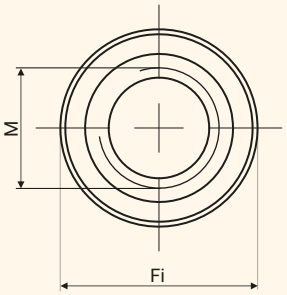


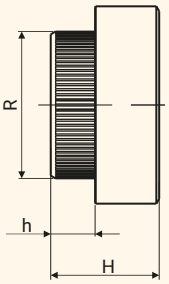


CATALOGUE NO.	NAME	MATERIAL
4.402.001	Linear clamp ZLG	Stainless steel
4.403.001	Ground clamp ZU	Steel zinc plated
4.403.001SN		Stainless steel

Knurled nuts

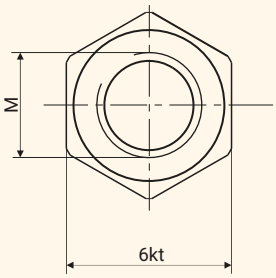
ROUND NUT

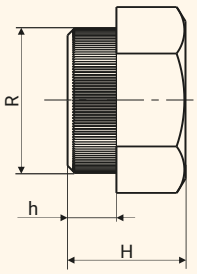






HEXAGONAL NUT

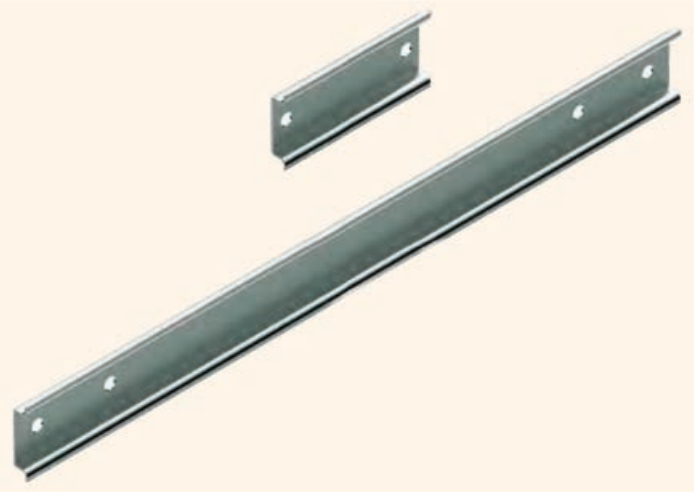




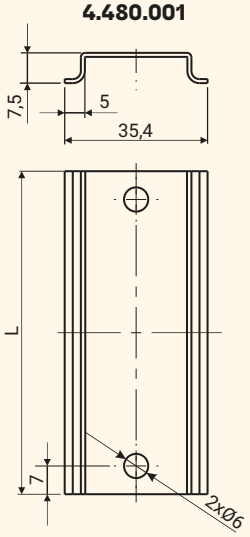


SHAPE	DIMENSIONS						MATERIAL	CATALOGUE NO.
	M	Fi	6kt	Fi R	H	h		
	12	20	-	14,9	11	4,5	Steel - zinc plated	NR.01.00
	12	20	-	14,9	10,5	4	Steel - zinc plated	NR.01.02
	12	19	-	15	11	4	Steel - zinc plated	NR.01.03
	10	18	-	13	11	4,5	Steel - zinc plated	NR.03.01
	8	15	-	10,8	9,5	4,5	Steel - zinc plated	NR.02.01
	6	12	-	8,5	6,8	2,8	Steel - zinc plated	NR.04.01
	5	10	-	7,5	6,8	2,8	Steel - zinc plated	NR.05.01
	12	-	19	14,8	12	4,5	Steel - zinc plated	NR.01.04
	10	-	17	12,9	11	4,5	Steel - zinc plated	NR.03.02
	8	-	13	10,7	9,5	4,5	Steel - zinc plated	NR.02.02

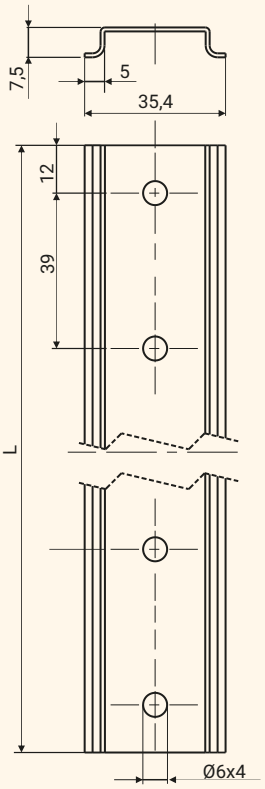
Assembling busbar, 4.480
Ball stud 4.407



4.480.001



4.480.004

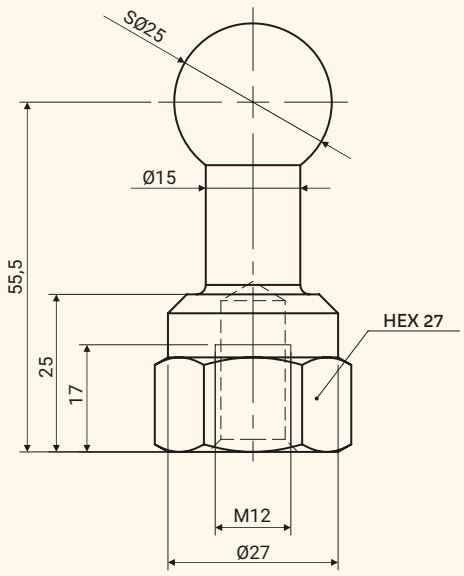


NOTICE: Other dimensions on request

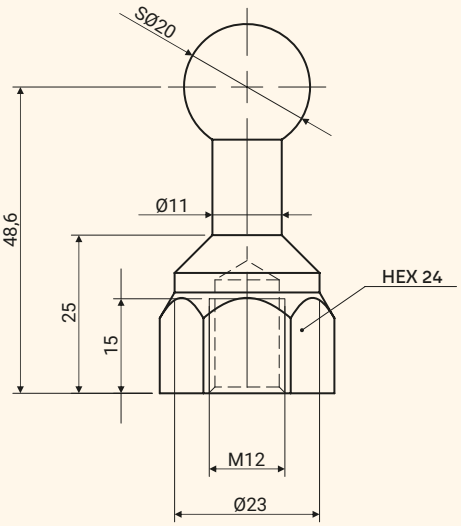
CATALOGUE NO.	DIMENSION L	MATERIAL
4.480.001	80	Steel - zinc plated
4.480.004	360	Steel - zinc plated



4.407.001



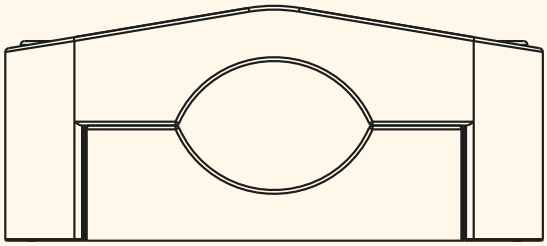
4.407.002

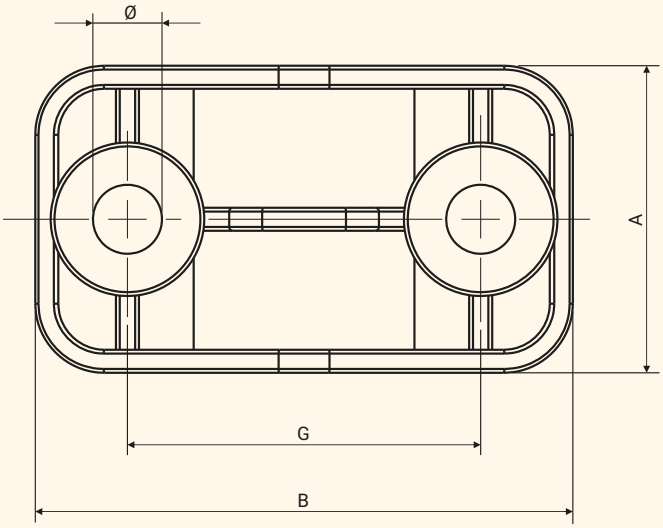


Ball studs mounted on power rails, power cables, or other components of power equipment are used to attach the phase terminals of the earth electrode to the ball studs.
They can be mounted on flat rails, cable head ends, and other components with flat contact surfaces. Manufactured from pure copper and electrolytically coated with tin.

CATALOGUE NO.	MATERIAL	FINISH
4.407.001	Copper	Tin-plated
4.407.002		

Cable clasp 4.461, 4.462 4.460





4.460.001



4.461.001



4.462.001



CATALOGUE NO.	NAME	MATERIAL	DIAMETER	DIMENSIONS			
				Φ	A	B	G
4.460.001	Clasp ø27	Polyamide PA6 colour RAL	17-27	9	40	70	46
4.461.001	Clasp ø40		25-46	12	58	97	68
4.462.001	Clasp ø75		47-73	13	60	126,5	95

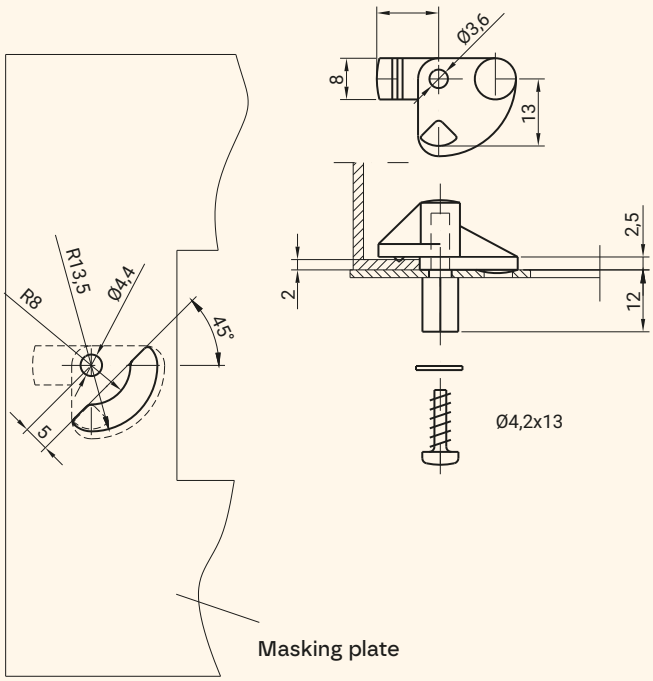


05

Accessories

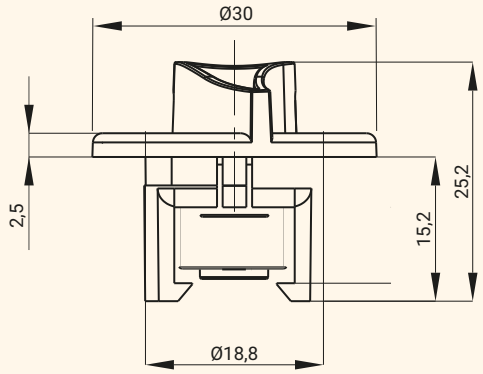
Holder 4.415, 4.414

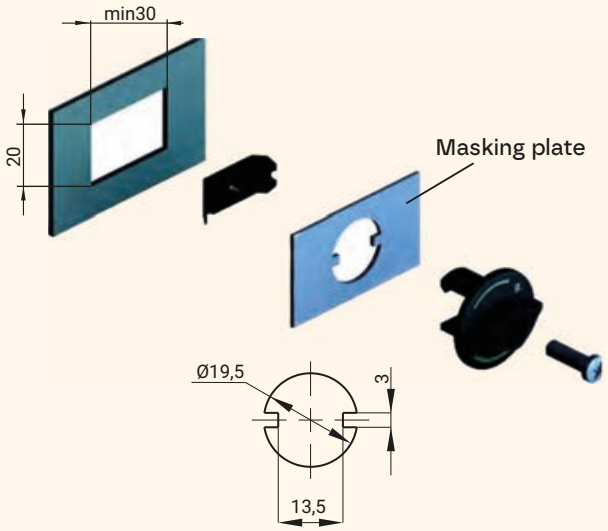




CATALOGUE NO.	NAME	MATERIAL
4.415.001	Masking plate holder	Polyamide





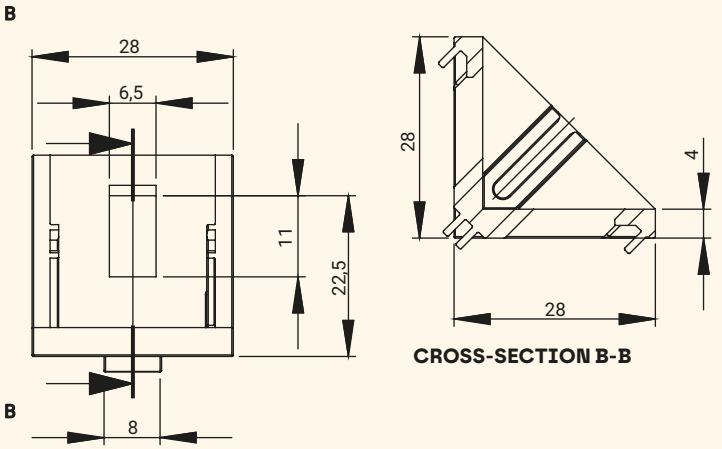


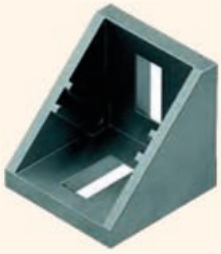
*** DIN 7895 M5x16 screw included.**

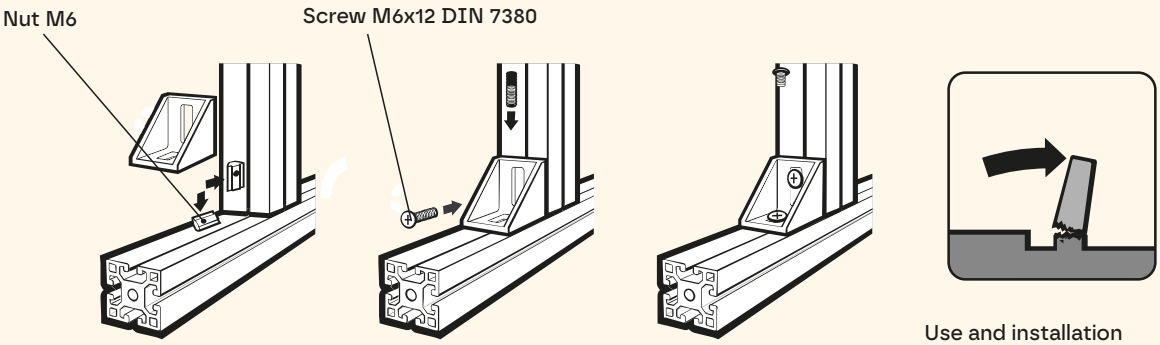
CATALOGUE NO.	NAME	MATERIAL
4.414.001	Masking plate holder	Polyamide
	Tinplate	Stainless steel
	Pressure	Zinc-plated steel

* possibility order parts according to RAL

Connector 4.500, installation nut 4.501





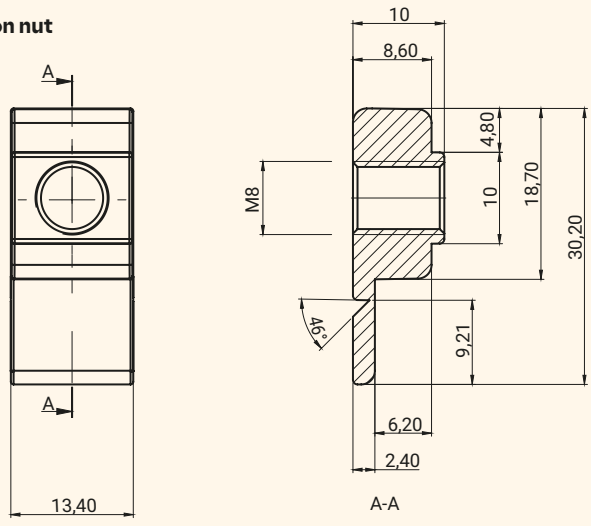


Use and installation

CATALOGUE NO.	XY	FINISH	COMPONENTS	MATERIAL
4.500.001.XY	01	No	Connector	Zamak 5
	11	RAL 7035*		
4.500.001.02		-	Nut M6	Zamak 5
4.500.001.03		-	Screw M6x12 DIN 7380	Steel zinc plated

* possibility to make a different color

Installation nut



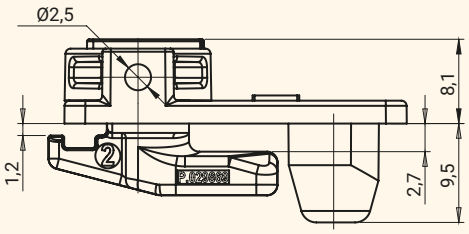


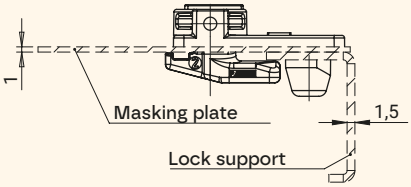
CATALOGUE NO.	MATERIAL
4.501.001	ZAMAK 5

Holder with seal 4.417
Holder with seal 4.416

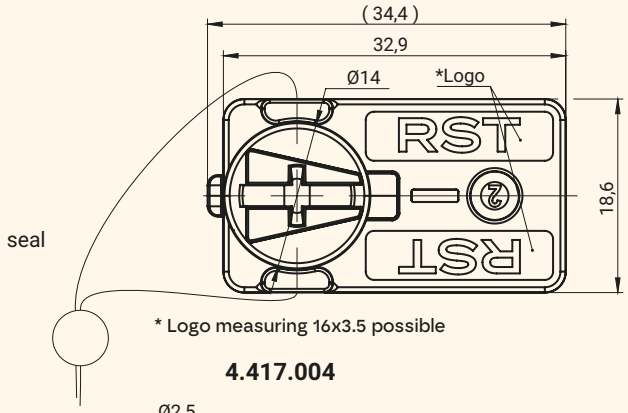


4.417.003

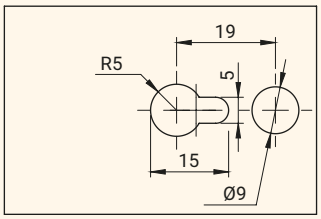




Auxiliary installation plan

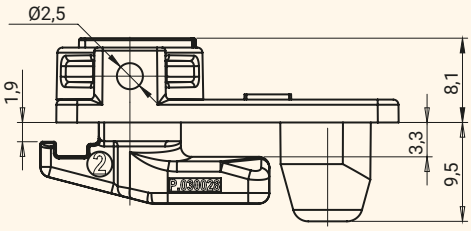


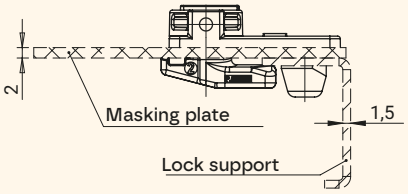
* Logo measuring 16x3.5 possible



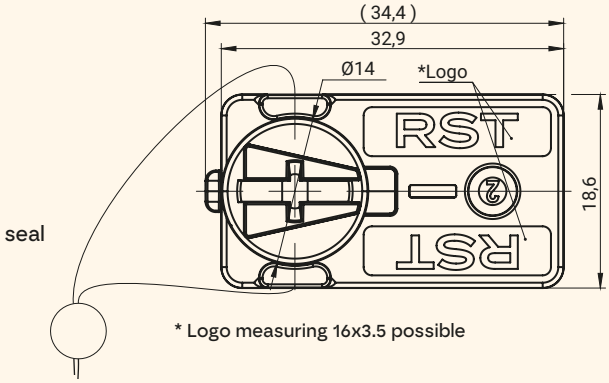
Cut out

4.417.004





Auxiliary installation plan

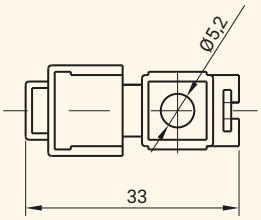


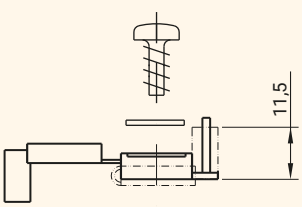
* Logo measuring 16x3.5 possible

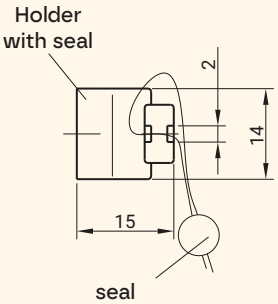
* Handle with safety catch 4.417.003, 4.417.004 packaged in 100 or 500 pieces.

CATALOGUE NO.	NAME	MATERIAL
4.417.003	Holder with seal	Polyamide PA6
4.417.004		



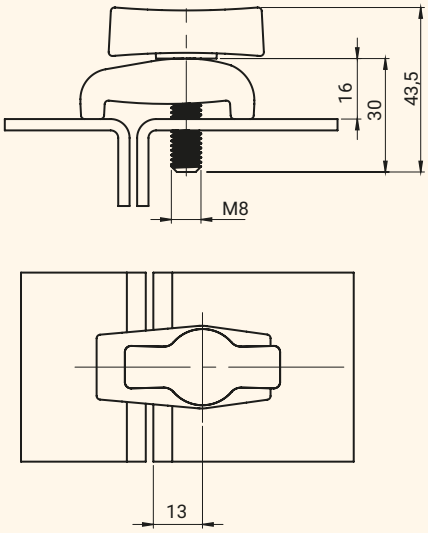


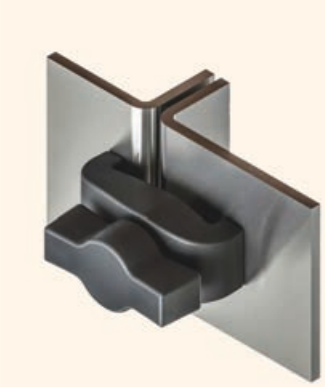




CATALOGUE NO.	NAME	MATERIAL
4.416.001	Holder with seal	Polyamide

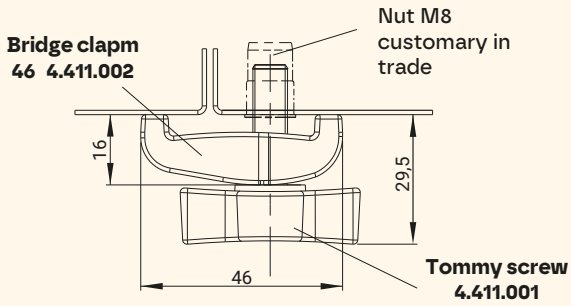
Bridge clamp system 4.411





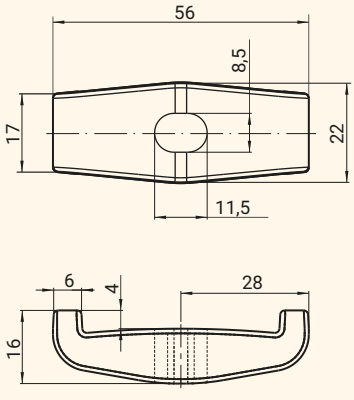


CATALOGUE NO.	NAME	MATERIAL
4.411.001	Tommy screw	Polyamide-PA6 GF30 RAL/Steel zinc plated

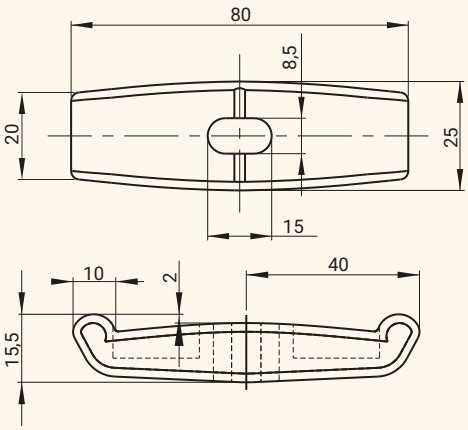




Bridge clapm
56 4.411.003



Bridge clapm 80
4.411.004





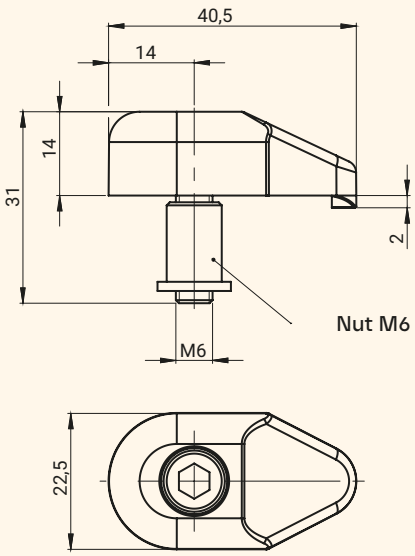
CATALOGUE NO.	NAME	MATERIAL
4.411.002	Bridge clamp 46	Polyamide PA6 Gf30
4.411.003	Bridge clamp 56	
4.411.004	Bridge clamp 80	

Bridge clamp system 4.419
Connector 4.429

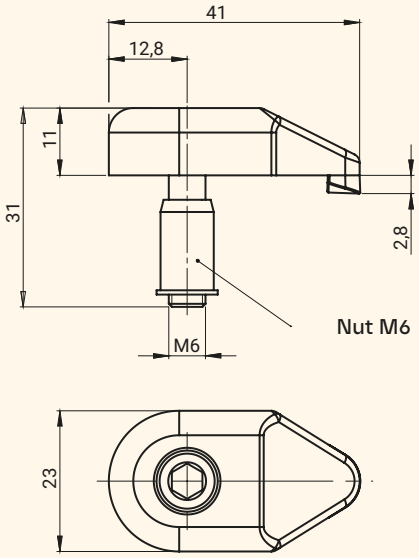




4.419.001

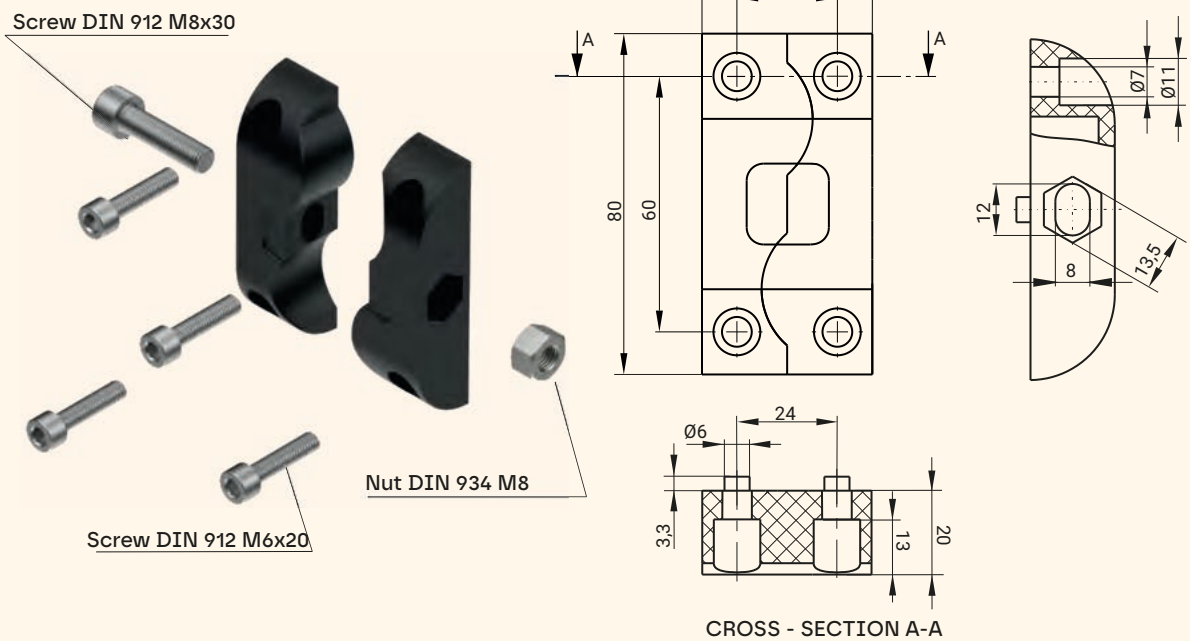


4.419.002



CATALOGUE NO.	DETAL	MATERIAL	FINISH [C]				
			Without finishing	Nickel	Zink plated	RAL 9005	RAL 7035
4.419.001	Metal bridge clamp	ZAMAK 5	00	02	03	04	05
4.419.002	Plastic bridge clamp	Polyamide	RAL 9005 (07)				

Connector
4.429.001

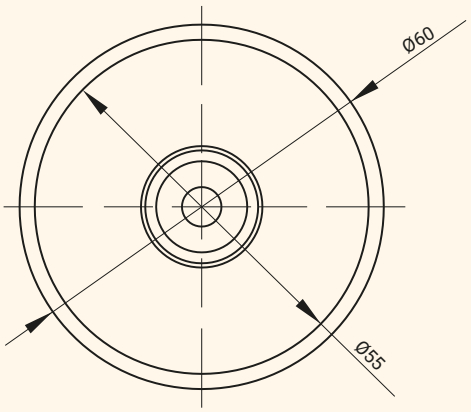


* DIN 912 screws and DIN 934 nut included.

CATALOGUE NO.	MATERIAL	FINISH [C]
		RAL 9005
4.429.001	Polyamide - PA6 GF30	07

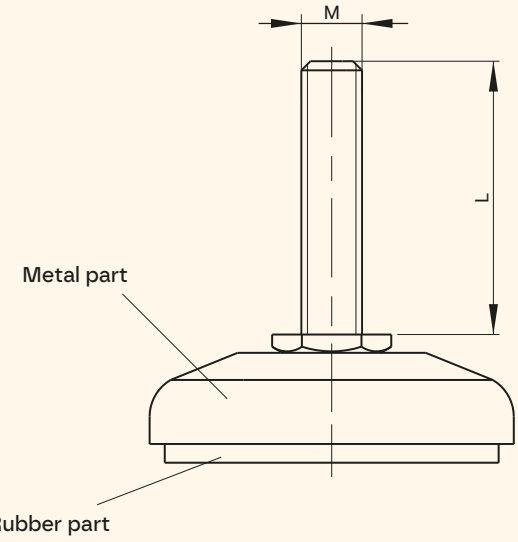
Adjustable feet 4.431

ADJUSTABLE FEET









* DIN 934 M10 or M12 nut included.

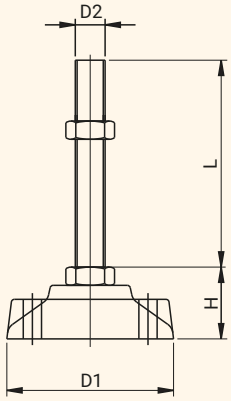
CATALOGUE NO.	DIMENSION		*MAXIMUM WORKING LOAD [kg]	* MAX. STATIC LOAD [N]	MATERIAL
	M	L			
4.431.001	10	45	510	4990	Steel zinc plated, Rubber
4.431.001SN	10	45	710	6930	Stainless steel, Rubber
4.431.002	12	45	540	5340	Steel zinc plated, Rubber
4.431.002SN	12	45	730	7140	Stainless steel, Rubber
4.431.003	10	100	510	4990	Steel zinc plated, Rubber
4.431.003SN	10	100	710	6930	Stainless steel, Rubber
4.431.008	12	100	540	5340	Steel zinc plated, Rubber
4.431.008SN	12	100	730	7140	Stainless steel, Rubber
4.431.009	10	150	510	4990	Steel zinc plated, Rubber
4.431.009SN	10	150	710	6930	Stainless steel, Rubber
4.431.010	12	150	540	5340	Steel zinc plated, Rubber
4.431.010SN	12	150	730	7140	Stainless steel, Rubber

* The maximum working load is the value above which deformation or damage to the adjustable feet will occur during operation. When calculating the allowable load, the designer is required to apply an appropriate safety factor, appropriate to the importance and safety level of the application.

Adjustable feet 4.510, 4.511, 4.512

4.510.001





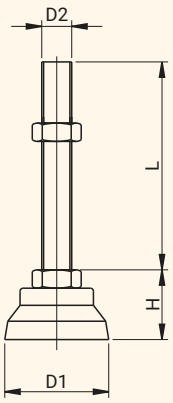
NAME	COMPONENTS	MATERIAL
Adjustable foot	Screw	Steel zinc plated
	Base	Polyamide

CATALOGUE NO.	D1	D2	H	L	LOAD
4.510.001.XXX	100	M16	42	100,150, 200,250	600kg
4.510.002.XXX		M20	46	75,100,150, 200,250	800kg
4.510.003.XXX		5/8"	43	100,150	600kg
4.510.004.XXX		3/4"	45	100,150	800kg
4.510.005.XXX	65	M16	42	100,150	600kg
4.510.006.XXX		M20	46	100,150	800kg

: where XXX=L

4.511.001





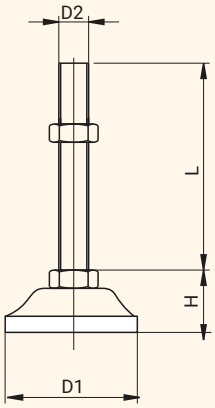
NAME	COMPONENTS	MATERIAL
Adjustable foot	Screw	Steel zinc plated
	Base	Polyamide

CATALOGUE NO.	D1	D2	H	L	LOAD
4.511.001.XXX	65	M16	42	100,150, 200,250	600kg
4.511.002.XXX		M20	46	75,100,150, 200,250	800kg
4.511.003.XXX		5/8"	43	100,150	600kg
4.511.004.XXX		3/4"	45	100,150	800kg
4.511.005.XXX		M16	42	100,150	600kg
4.511.006.XXX		M20	46	100,150	800kg

: where XXX=L

4.512...





NAME	COMPONENTS	MATERIAL
Adjustable foot	Screw	Stainless steel
	Base	Stainless steel

CATALOGUE NO.	D1	D2	H	L	LOAD
4.512.001.XXX	50	M16	31	100,150	1500kg
4.512.002.XXX	70	M16	31	100,150	1500kg
4.512.003.XXX		M20	35	100,150	2000kg

: where XXX=L

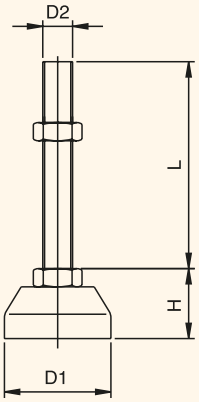
Adjustable feet 4.513, 4.514, 4.515

4.513.001

NAME	COMPONENTS	MATERIAL
Adjustable foot	Screw	Steel zinc plated
	Base	Polyamide

CATALOGUE NO.	D1	D2	H	L	LOAD
4.513.001.XXX	70	M16	42	100,150, 200,250	600kg
4.513.002.XXX		M20	46	75,100,150, 200,250	800kg
4.513.003.XXX		5/8"	43	100,150	600kg
4.513.004.XXX		3/4"	45	100,150	800kg
4.513.005.XXX		M16	42	100,150	600kg
4.513.006.XXX		M20	46	100,150	800kg

: where XXX=L



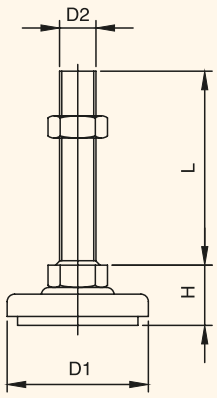


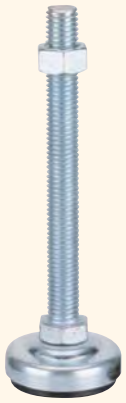
4.514.001

NAME	COMPONENTS	MATERIAL Steel
Adjustable foot	Screw	zinc plated
	Base	Polyamide

CATALOGUE NO.	D1	D2	H	L	LOAD
4.514.001.XXX	55	M12	26	50,75 100,150,	300kg
4.514.002.XXX		M16	28	70,100,150,	500kg
4.514.003.XXX		1/2"	27	75,100,150	300kg
4.514.004.XXX		5/8"	29	75,100,150	500kg
4.514.005.XXX	75	M16	30	100,150	500kg
4.514.006.XXX		5/8"	31	100,150	500kg

: where XXX=L



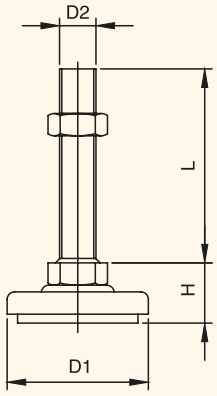


4.515.001

NAME	COMPONENTS	MATERIAL
Adjustable foot	Screw	Steel zinc plated
	Base	Steel zinc plated with rubber from below

CATALOGUE NO.	D1	D2	H	L	LOAD
4.515.001.XXX	40	M10	20	50,100	200kg
4.515.002.XXX			23	50,100	300kg
4.515.003.XXX	55	M12 M12	26	50,75 100,150,	300kg
4.515.004.XXX		M16	28	70,100,150,	500kg
4.515.005.XXX		1/2"	27	75,100,150	300kg
4.515.006.XXX		5/8"	29	75,100,150	500kg
4.515.007.XXX	75	M16	30	100,150	500kg
4.515.008.XXX		5/8"	31	100,150	500kg

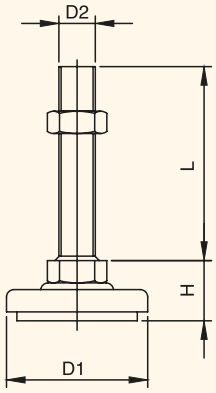
: where XXX=L





Adjustable feet 4.516, 4.517, 4.518





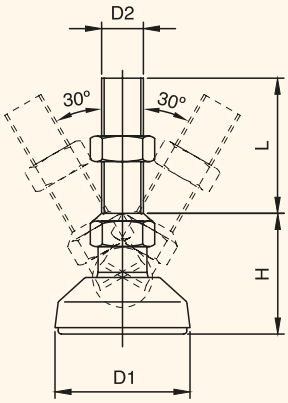
4.516.001

NAME	COMPONENTS	MATERIAL
Adjustable foot	Screw	Steel zinc plated
	Base	Steel zinc plated with rubber from below

CATALOGUE NO.	D1	D2	H	L	LOAD
4.516.001.XXX	40	M10	21	100,150	200kg
4.516.002.XXX		M12	23	100,150	300kg
4.516.003.XXX		1/2"	23	100,150	300kg
4.516.004.XXX	60	M12	30	100,150	300kg
4.516.005.XXX		M16	32	100	500kg
4.516.006.XXX		1/2"	30	50,100	300kg
4.516.007.XXX		5/8"	32	100	500kg

: where XXX=L





4.517.001 with movable screw

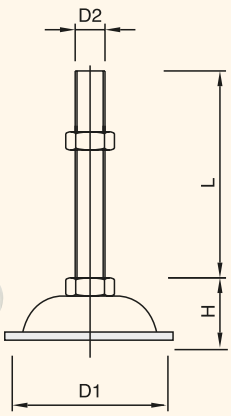
NAME	COMPONENTS	MATERIAL
Adjustable foot	Screw	Steel zinc plated
	Base	Polyamide

CATALOGUE NO.					LOAD
4.517.001.XXX	65	M16	39	150	300kg
4.517.002.XXX		M16	39	100	300kg
4.517.003.XXX		5/8"'	39	100	300kg

: where XXX=L







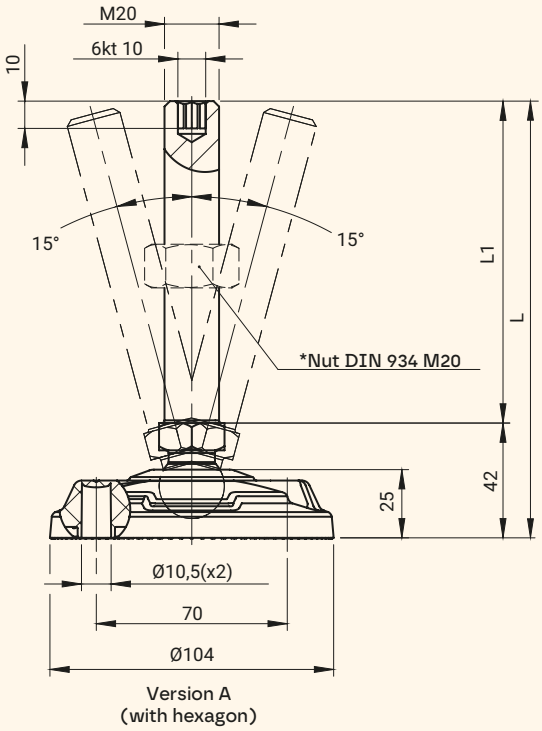
4.518.001

NAME	COMPONENTS	MATERIAL
Adjustable foot	Screw	Stainless steel
	Base	304 Stainless

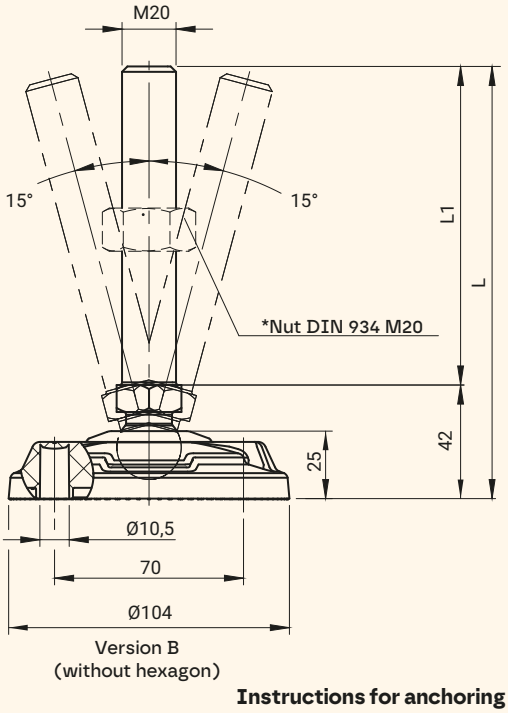
CATALOGUE NO.				steel 304	LOAD
4.518.001.XXX	50	M10	18	50, 100	150kg
4.518.002.XXX		M12	20	50, 75, 100	200kg
4.518.003.XXX		1/2"	20	50, 75, 100	200kg
4.518.004.XXX	70	M12	27	50, 75, 100,150	300kg
4.518.005.XXX		M16	30	50, 75, 100,150	400kg
4.518.006.XXX		1/2"	27	50, 75, 100	300kg
4.518.007.XXX		5/8"	30	100	400kg

: where XXX=L

Swivel foot with bolt connection 4.519
Anti-skid pad 4.519.100



Version A
(with hexagon)



Version B
(without hexagon)

NEW


Version A


Version B

* - not included in the scope of delivery, must be ordered separately

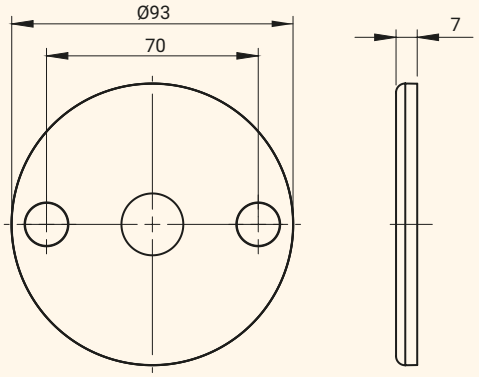
The adjustable feet are supplied dismounted for easier transport and storage (assembly by hammering with a rubber hammer).

Instructions for anchoring the foot to the ground


1. Breake through the plastic


2. Make a hole

NAME	COMPONENTS	MATERIAL	MAXIMUM LOADING STATIC LOAD [N]	MAXIMUM LOADING STATIC LOAD [kg]
Rate	Screw	Stainless steel		
	Base	PA6 GF30		
CATALOGUE NO.	**VERSION**	**L**		
4.519.001.001	A	140	28000	2800
4.519.001.002	B			
4.519.002.001	A	160	28000	2800
4.519.002.002	B			
4.519.003.001	A	180	28000	2800
4.519.003.002	B			
4.519.004.001	A	200	28000	2800
4.519.004.002	B			



NEW



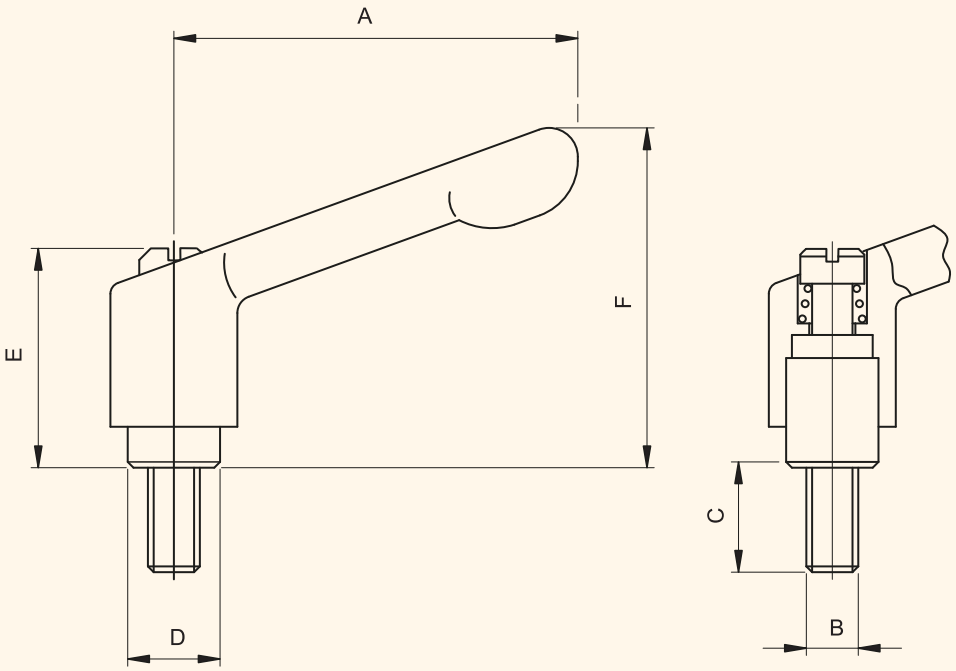
CATALOGUE NO.	COMPONENTS	MATERIAL
4.519.100	Anti-skid pad	NBR

* The anti-skid pad 4.519.100 works with the oscillating feet 4.519

* The anti-skid pad 4.519.100 is not included in the scope of delivery, must be ordered separately.

Adjustable lever 4.530





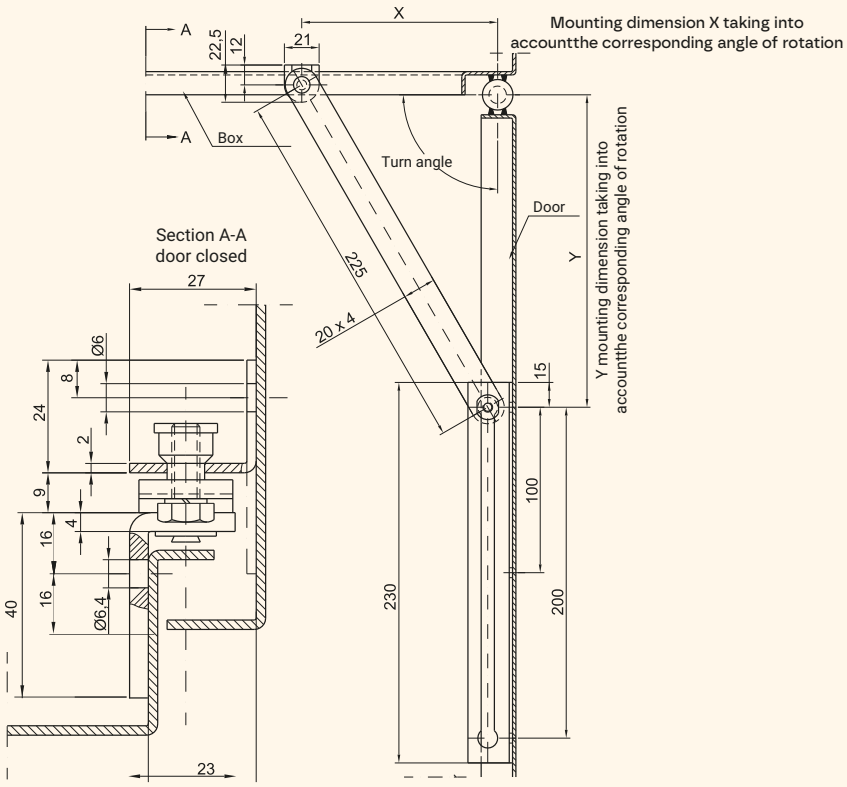
NAME	COMPONENTS	MATERIAL
Adjustable lever	Handle	ZAMAK 5
	Spindle	**Stainless steel**

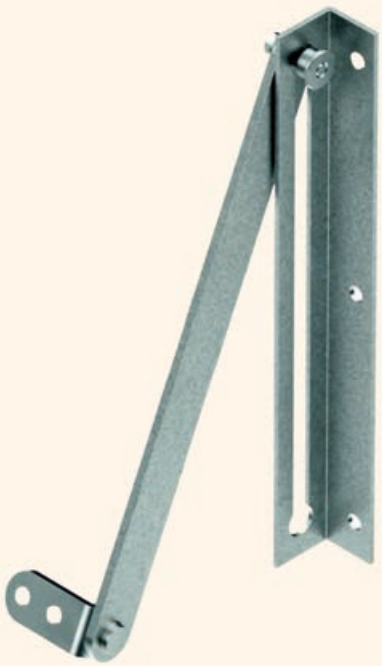
CATALOGUE NO.	A	B	C										D	E	F
4.530.A.B.C-X	45	M5	10	15	20	25	30	-	-	-	-	-	10	24.5	35
	45	M6	10	-	20	-	30	40	50	-	-	-	10	24.5	35
	63	M6	10	-	20	-	30	40	50	-	-	-	13.5	31	45
	63	M8	10	-	20	-	30	40	50	-	-	-	13.5	31	45
	78	M8	10	-	20	-	30	40	50	-	-	-	16	36	55
	78	M10	10	-	20	-	30	40	50	-	-	-	16	36	55
	92	M10	-	-	20	-	30	40	50	60	-	-	19	43	65
	92	M12	-	-	20	-	30	40	50	60	-	-	19	43	65
	108	M12	-	-	-	-	30	40	50	60	70	-	23	50.5	76
	108	M16	-	-	-	-	-	40	50	60	70	80	23	50.5	76

4.530.A.B.C-X
- Finish
- Thread length
- Thread type
- Length of the handle

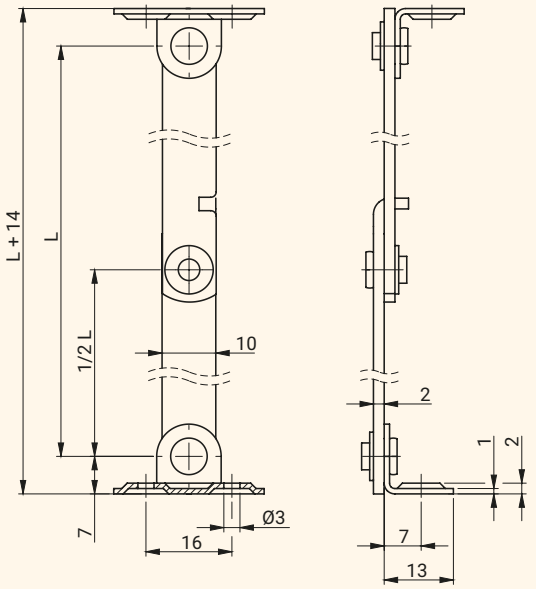
FINISH [X]		
RAL 9005	RAL 7035	RAL 2011
01	02	03

Door blockade 4.401, 4.401.20X





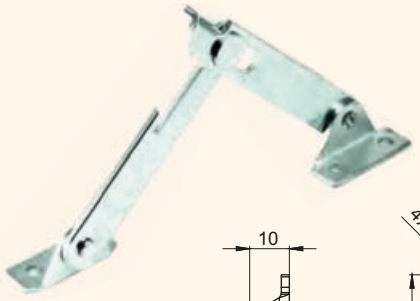
CATALOGUE NO.	MATERIAL	TURN ANGLE	INSTALATION DIMENSION [mm]		MIN. DOOR WIDTH
			X	Y	
4.401.001	Steel zinc plated	90°	140	176	399
		105°	120	162	385
4.401.001SN	Stainless steel	120°	110	149	372
		135°	100	144	367

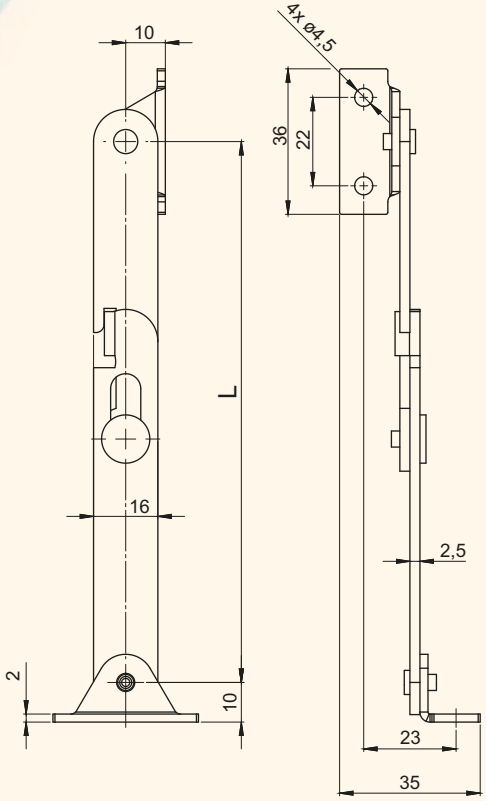




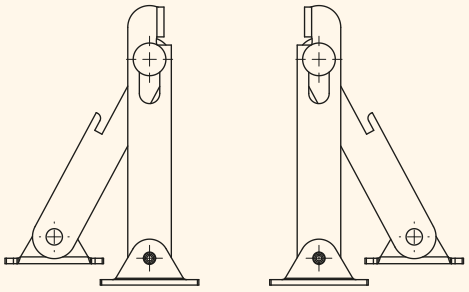
CATALOGUE NUMBER	Dimension L [mm]	MATERIAL
4.401.200	292	Steel zinc plated
4.401.201	252	
4.401.202	202	
4.401.203	135	
4.401.200SN	292	Stainless steel
4.401.201SN	252	
4.401.202SN	202	
4.401.203SN	135	

Door bockade 4.401.30X
Telescopic blockade 4.401



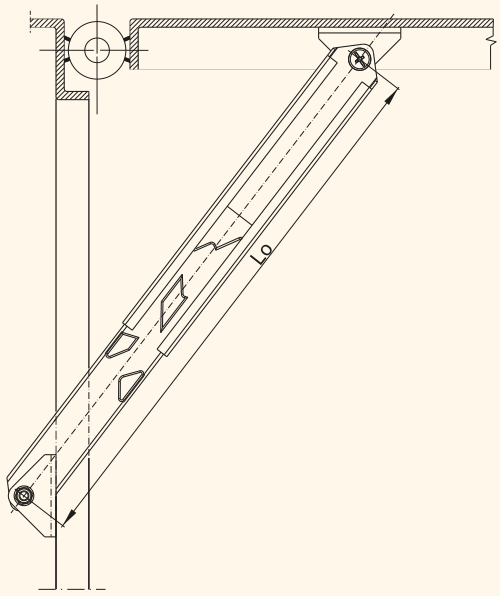


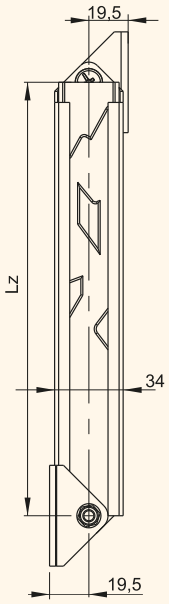
Left version **Right version**

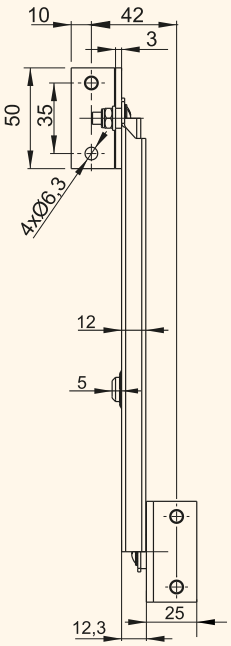


CATALOGUE NO.	VERSION	L	MATERIAL
4.401.301	Right	290	Steel zinc plated
4.401.301SN			Stainless steel
4.401.302	Left		Steel zinc plated
4.401.302SN			Stainless steel
4.401.303	Right	202	Steel zinc plated
4.401.303SN			Stainless steel
4.401.304	Left		Steel zinc plated
4.401.304SN			Stainless steel
4.401.305	Right	135	Steel zinc plated
4.401.305SN			Stainless steel
4.401.306	Left		Steel zinc plated
4.401.306SN			Stainless steel







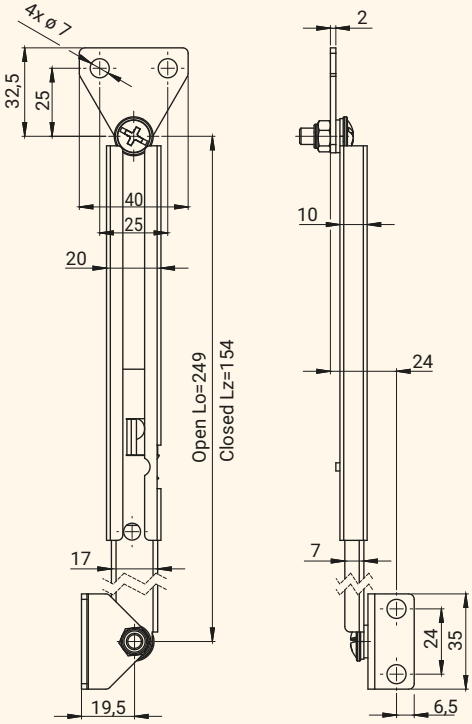


CATALOGUE NO.	NAME	MATERIAL	Lz - closed	Lo - open
4.401.101	Telescopic blockade	Steel zinc plated	215	335
4.401.102			395	695

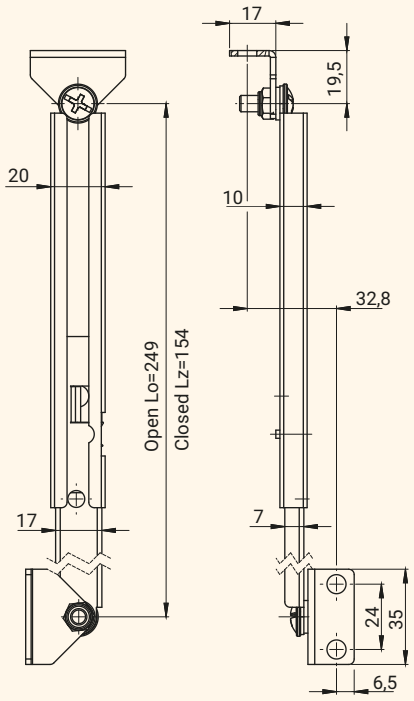
Telescopic blockade 4.401



Version A



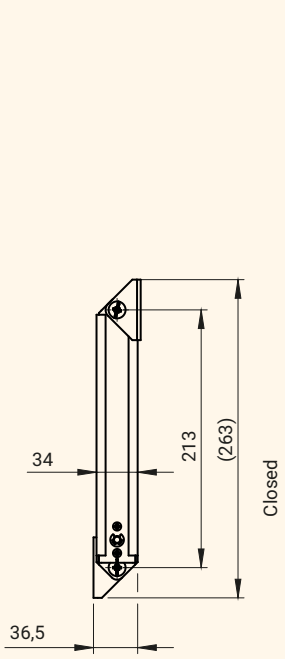
Version B

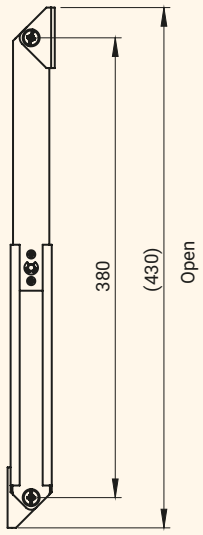


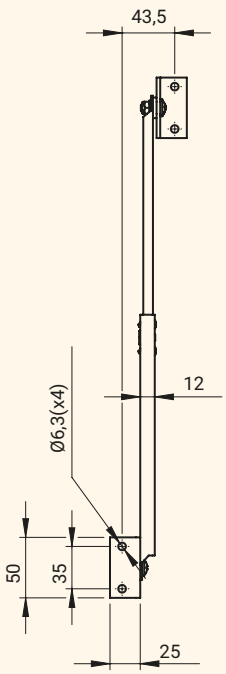
CATALOGUE NO.	MAX. WORKING LOAD [N]	VERSION	DETAL	VERSION	MATERIAL
4.401.105	550	**A**	Telescopic blockade	Left	Steel zinc plated
4.401.106	550			Right	
4.401.107	550	**B**		Left	
4.401.108	550			Right	

NEW







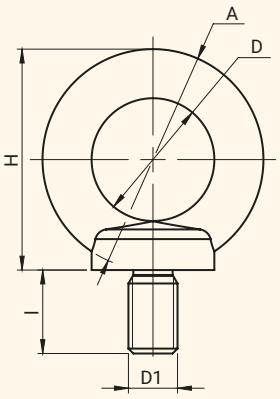


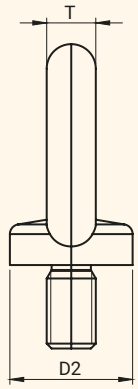
CATALOGUE NO.	NAME	MATERIAL
4.401.110	Telescopic blockade with button	Steel zinc plated
4.401.110SN		Stainless steel

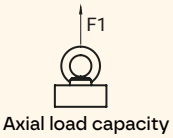
Screw 4.430 (DIN580), Box holder 4.410 Trapezium nut 4.409

Screw **4.430. ...**









Axial load capacity

CATALOGUE NO.	D1	A	D	H	I	D2	T	F1 Max. [kg]	MATERIAŁ
4.430.001	M8	36	20	36	13	20	8	140	Steel zinc plated
4.430.002	M10	45	25	45	17	25	10	230	
4.430.003	M12	54	30	53	20,5	30	12	340	
4.430.004	M14	63	35	62	27	35	14	450	
4.430.005	M16	63	35	62	27	35	14	700	
4.430.006	M20	72	40	71	30	40	16	1200	



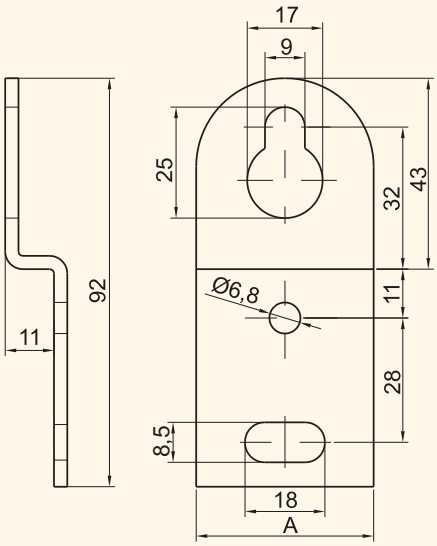
BOX HOLDER LOWER



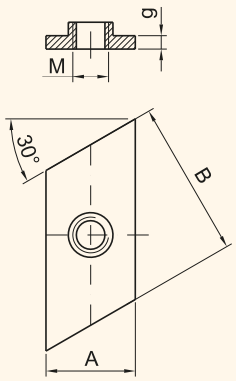


BOX HOLDER UPPER

BOX HOLDER 4.410....



TRAPEZIUM NUT 4.409....

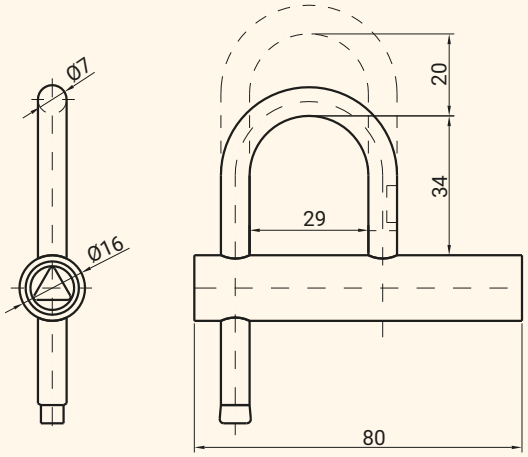


CATALOGUE NO.	NAME	MATERIAL	A	B	G	M
4.409.003	Trapezium nut	Steel zinc plated	20	35	3	M8
4.409.002			15	20	3	M8
4.409.001			12	30	3	M6
4.410.001	Box holder		30	2,5	-	-
4.410.002			40	3	-	-

Padlock 4.KD, 4.KDZN

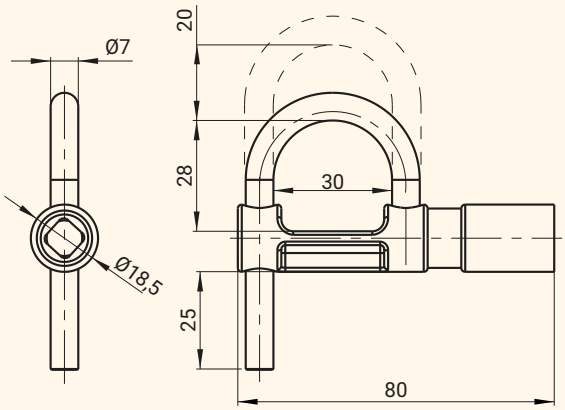
stainless steel

PADLOCK 4.KD.001





SELF-LOCKING PADLOCK 4.KDZN.002

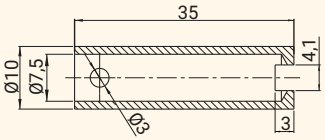






INSERTS [X] 4.KD.001, 4.KDSN.001, 4.KDZN.001			
			
T9	KW8	KW6	C9

KEY 4.KDZN.002.06





CATALOGUE NO.	NAME	MATERIAL
4.KD.001	Padlock KD Self-locking	Steel zinc plated
4.KDZN.002	padlock KDZN	Zamak - zinc plated
4.KDZN.002.06	Key for padlock KDZN002	Steel zinc plated

How to order:

4.KDZN.002 — KW8

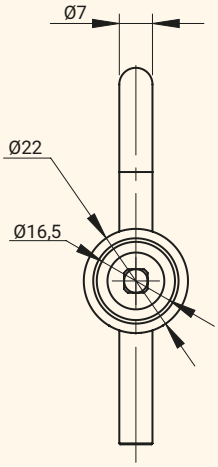
Type of lock

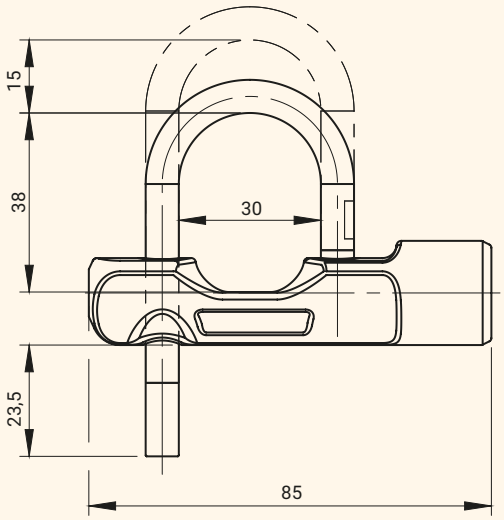
Type of insert [X]

Padlock 4.KDZN

NEW







MATERIAL FOR INSERT [D]	INSERTS [X]			
	T9	KW8	KW6	C9
Steel zinc plated	03			

CATALOGUE NO.	NAME	MATERIAL	FINISH [C]
4.KDZN.007	Padlock KDZN	ZAMAK 5	Zinc plated
	Padlock device	Steel	Zinc plated

How to order:

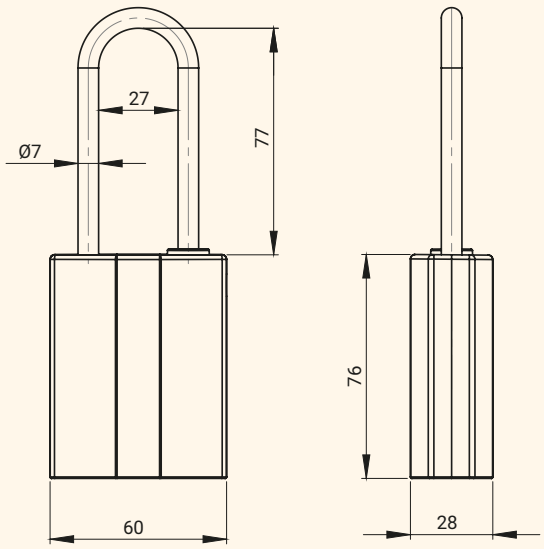
4.KDZN.007 — T9.03

Type of lock

Type of insert [X]

Material for insert [D]

Padlock 4.KDZN.100
Quick connector 4.600



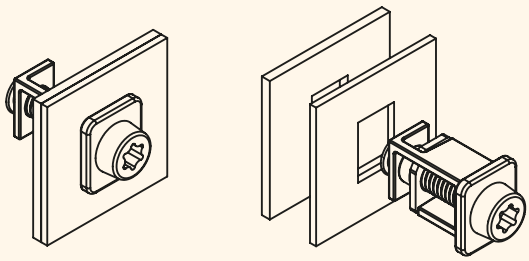


Insert

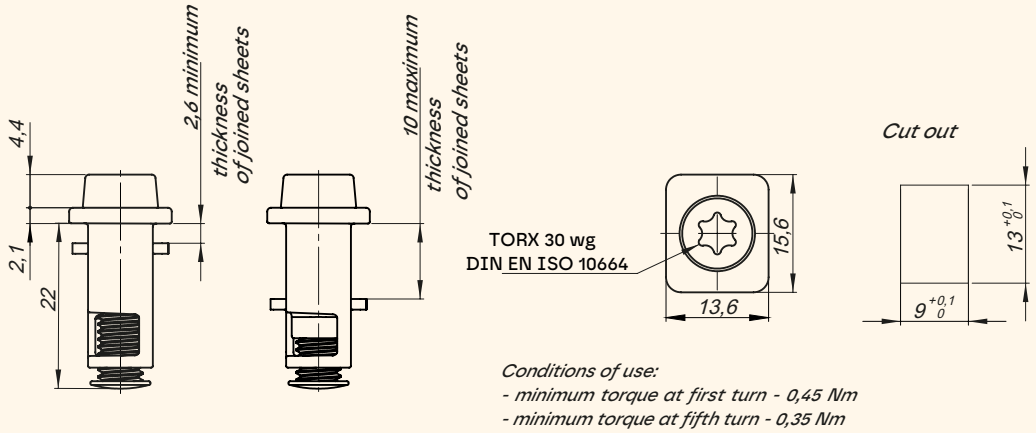
D13

Paddlock is equiped with a special shaped insert type D13.

CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL9005
4.KDZN.100	Body	ZAMAK 5	04
	Shackle	Steel zinc plated	-







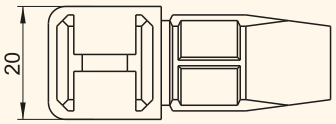
Conditions of use:
- minimum torque at first turn - 0,45 Nm
- minimum torque at fifth turn - 0,35 Nm

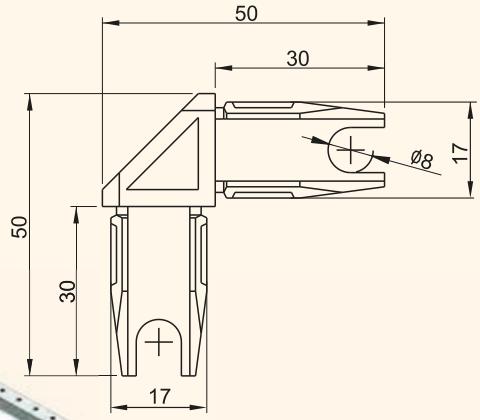
CATALOGUE NO.	COMPONENTS	MATERIAL
4.600.001	Body	Znal zinc plated
	Screw, Nut	Steel zinc plated

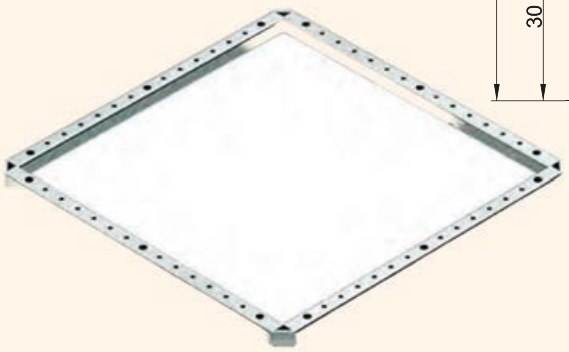
Frame connector 4.422
Profile 4.450

Frame connector 4.422.001



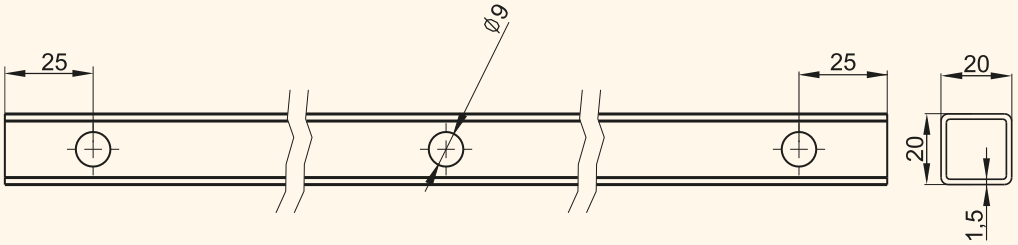


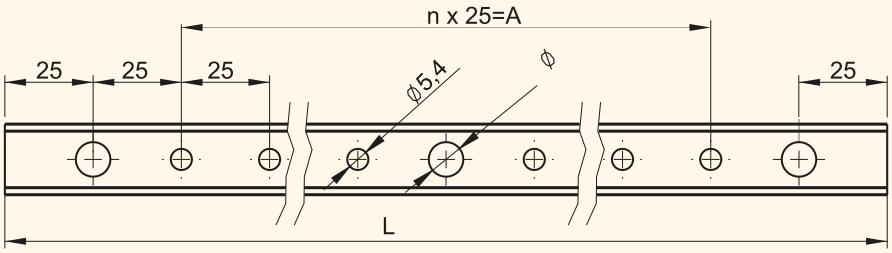




Profile

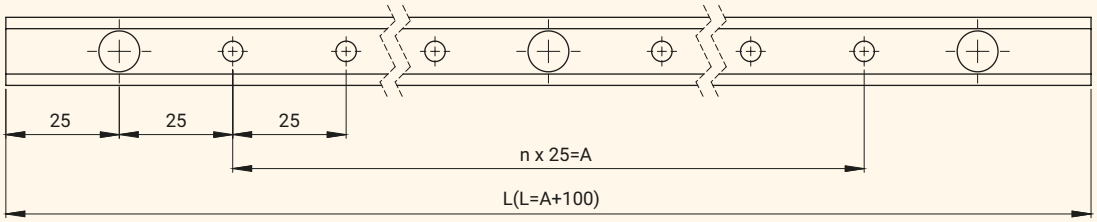






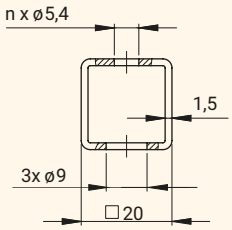
CATALOGUE NO.	MATERIAL	NAME	DIMENSION L	
4.422.001	Zamak-zinc plated	Frame connector	-	-
4.422.002	Steel zinc plated	Nut M6x	-	-
4.450.01.1850	Steel zinc plated	Profile	1850	70 x 25 = 1750
4.450.01.1650			1650	62 x 25 = 1550
4.450.01.1450			1450	54 x 25 = 1350
4.450.01.1050			1050	38 x 25 = 950
4.450.01.0600			600	20 x 25 = 500
4.450.01.0400			400	12 x 25 = 300

Profile 4.450

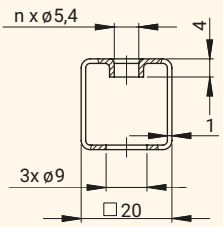




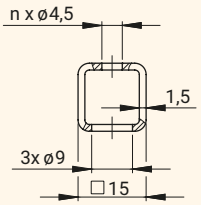
Version 001



Version 002



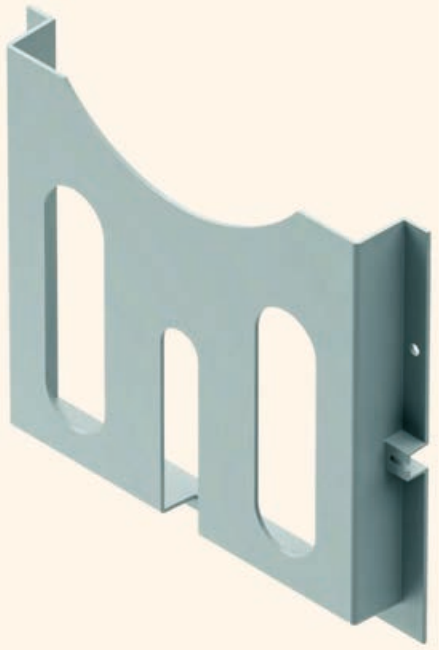
Version 003

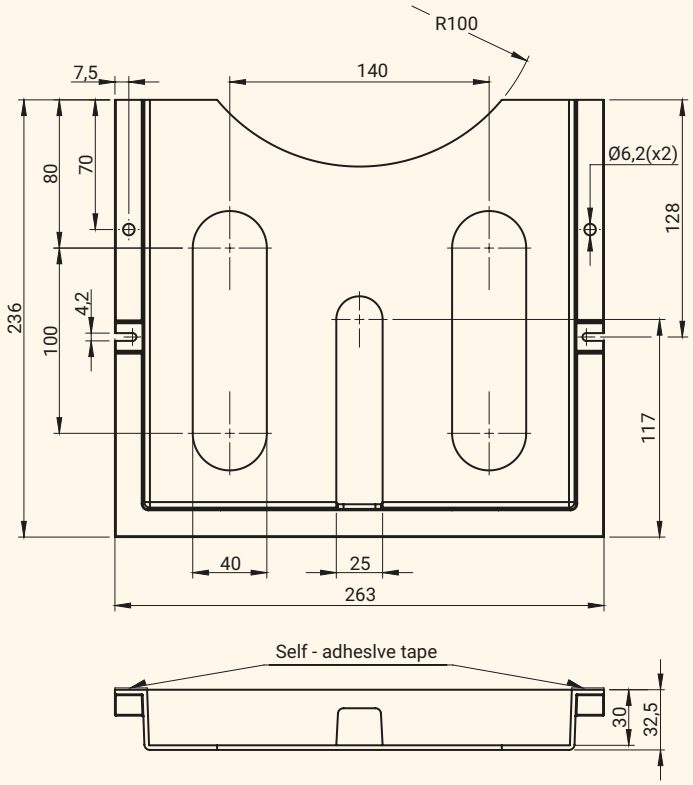


CATALOGUE NO.			DIMENSION L	n x 25 = A	MATERIAL
VERSION					
001	002	003			
-	**4.450.002.1900**	-	1900	72 x 25 = 1850	Steel zinc plated
4.450.001.1850	**4.450.002.1850**	-	1850	70 x 25 = 1750	
4.450.001.1650	**4.450.002.1650**	-	1650	62 x 25 = 1550	
4.450.001.1450	**4.450.002.1450**	-	1450	54 x 25 = 1350	
4.450.001.1050	**4.450.002.1050**	-	1050	38 x 25 = 950	
-	-	**4.450.003.700**	700	24 x 25 = 600	
4.450.001.0600	-	-	600	20 x 25 = 500	
4.450.001.0400	-	-	400	12 x 25 = 300	
-	-	**4.450.003.350**	350	10 x 25 = 250	

Document pocket 4.420

Pocket A4 **4.420.001**

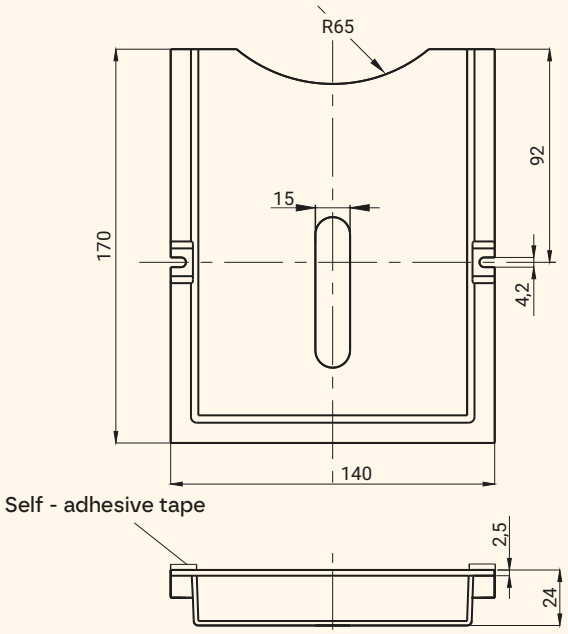




CATALOGUE NO.	NAME	MATERIAL	FINISH [C]
			RAL 7035
4.420.001	Document pocket A4	PS	08

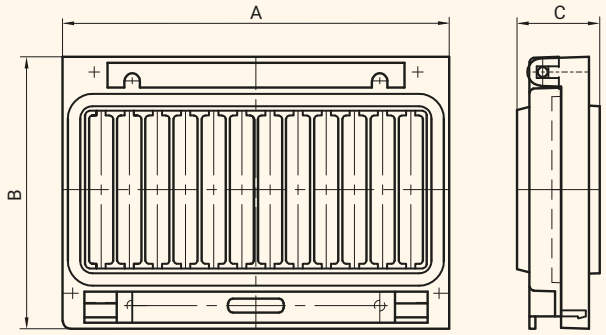
Pocket A6 **4.420.002**





CATALOGUE NO.	NAME	MATERIAL	FINISH [C]
			RAL 7035
4.420.002	Document pocket A6	PS	08

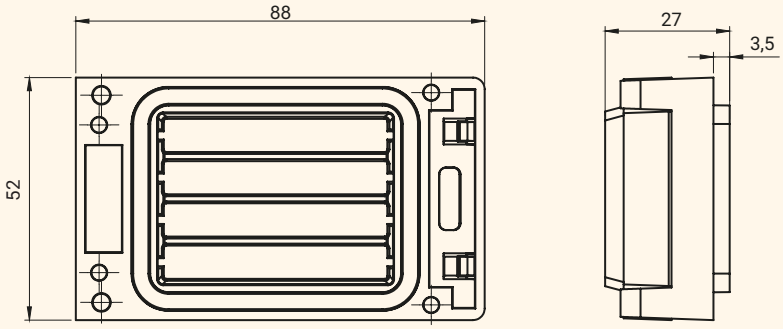
Transparent window
4.110-114, 4.424.001, 4.423







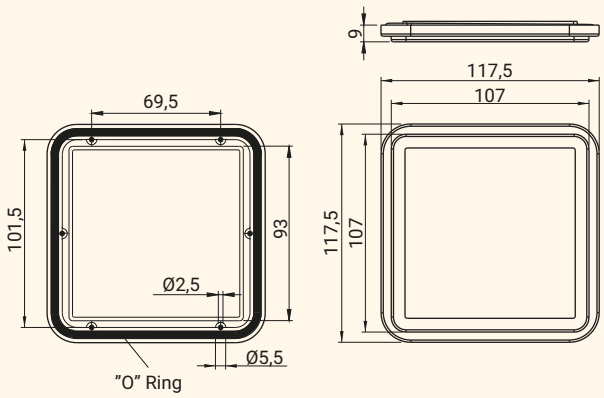
L.p.	A	B	C
4.110	88,5	88	27
4.111	125	88	27
4.112	161,5	88	27
4.113	234	88	27
4.114	254	210	27





CATALOGUE NO.	COLOUR	MATERIAL
4.24.001	Transparent	Polycarbonate

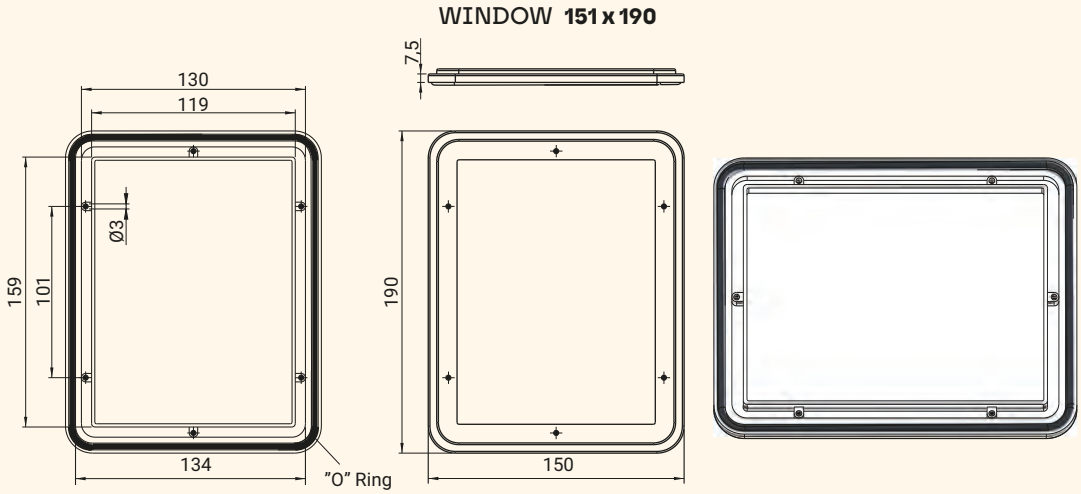
WINDOW **117 x 117**



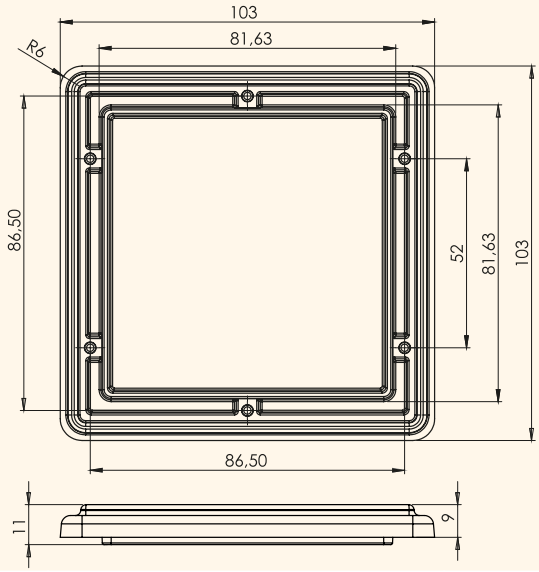


CATALOGUE NO.	NAME	MATERIAL
4.423.001	Window 117 x 117	Polycarbonate

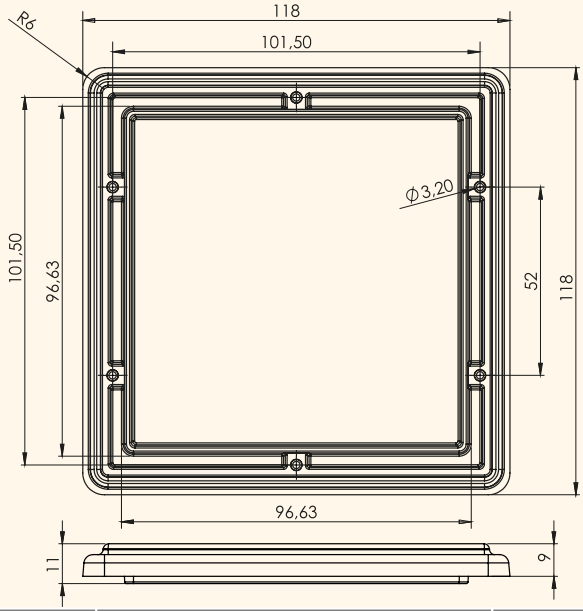
Inspection window 4.423



CATALOGUE NO.	NAME	MATERIAL
4.423.002	Window 151 x 190	Polycarbonate



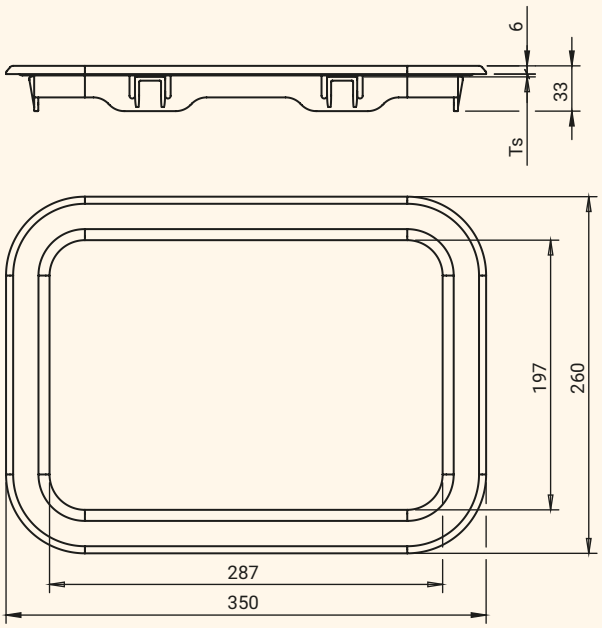
CATALOGUE NO.	COLOUR	MATERIAL
4.423.003	Transparent	Polycarbonate



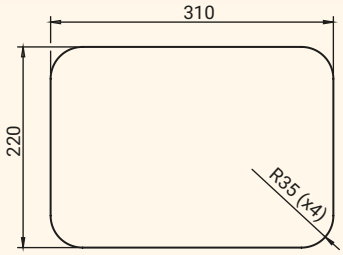
CATALOGUE NO.	COLOUR	MATERIAL
4.423.004	Transparent	Polycarbonate

Inspection window 4.423, 4.425

NEW



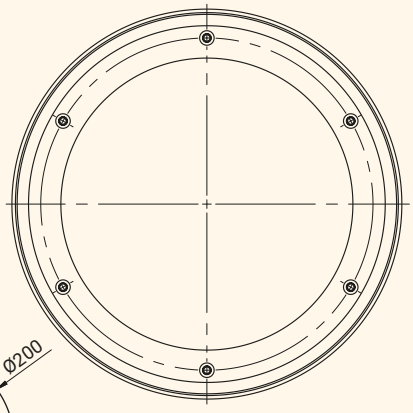


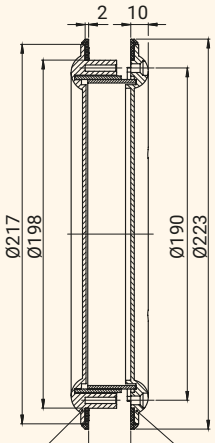


Cut out

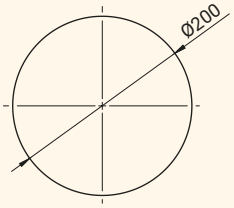
Tsmin - Tsmax - the range of thickness adjustment of inspection window

CATALOGUE NO.	DIMENSION Ts	DETAL	MATERIAL
4.423.005	1 - 2	Window 350x260	Polycarbonate









cut out

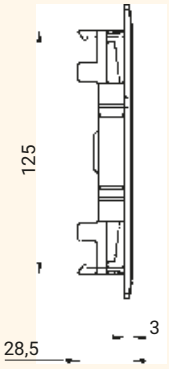
External viewfinder Ts Tsmin - Tsmax Viewfinder internal

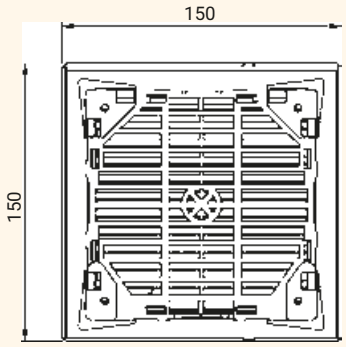
Tsmin - Tsmax - the range of thickness adjustment of inspection window

CATALOGUE NO.	DIMENSION Ts	DETAL	COMPONENTS	MATERIAL
4.425.001	19 - 35	Inspection window	Viewfinder	Polycarbonate
4.425.002	39 - 53			
4.425.003	54 - 65		Gasket	EPDM
4.425.004	70 - 90			
4.425.005	95 - 110		Adjusting ring	Poliamid

Air vent 4.107, 4.108, 4.109



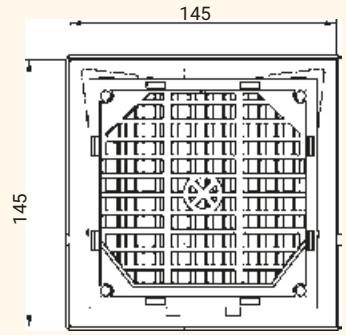




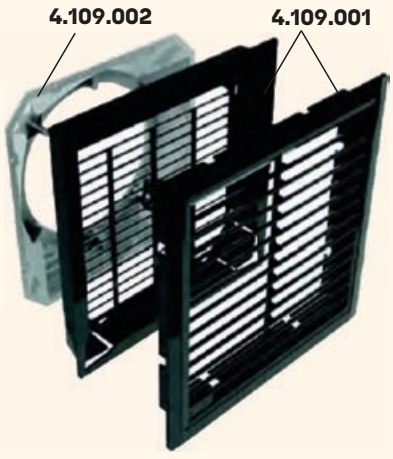
CATALOGUE NO.	MATERIAL	FINISH [C]	
		RAL9005	RAL7035
4.107.001	ABS	07	08

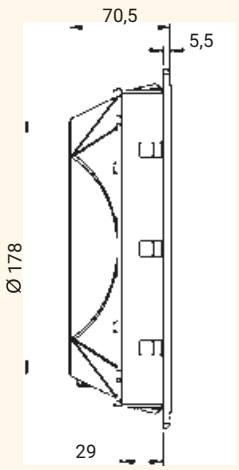


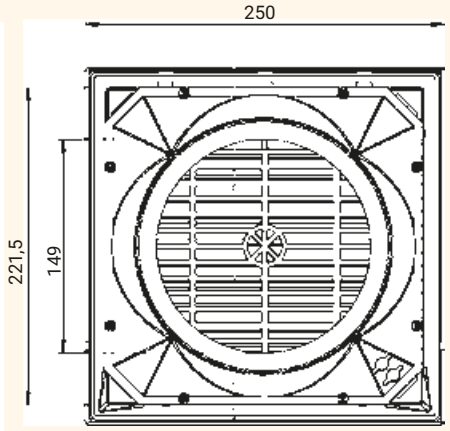




CATALOGUE NO.	MATERIAL	FINISH [C]	
		RAL9005	RAL7035
4.108.001	ABS	07	08





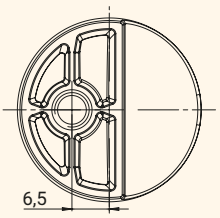


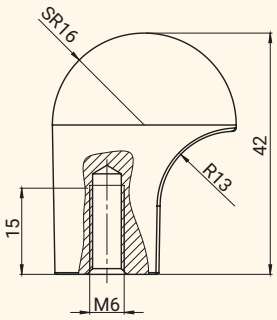
CATALOGUE NO.	MATERIAL	FINISH [C]	
		RAL9005	RAL7035
4.109.001	ABS	07	08
4.109.002	ABS		

How to order:

4.107.001	—	C
Catalogue number		
Finish		

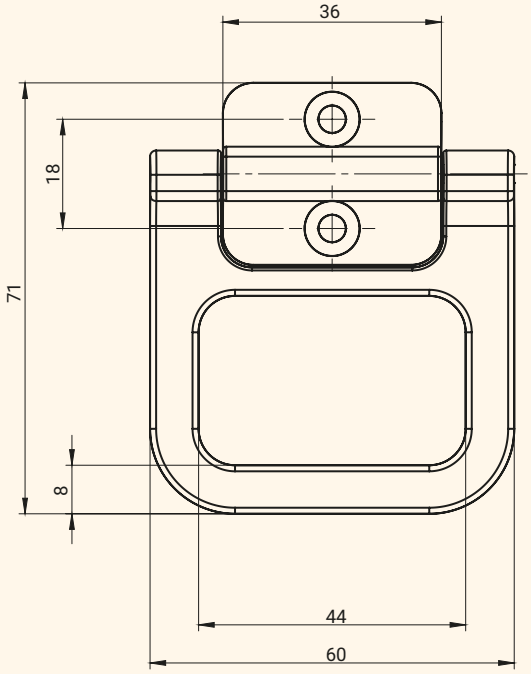
Handle 4.250, 4.444

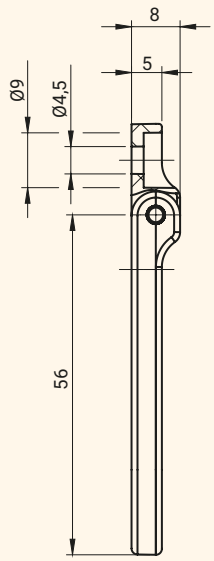






CATALOGUE NO.	DETAL	MATERIAL	FINISH [C]	
4.250.001	Handle	ZAMAK 5	Chrome	01
			Brass No	12
			coating	0





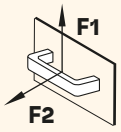
NEW



CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
4.444.005	Holder, Base	Polyamide Steel	07
	Pin	zinc plated	-

CATALOGUE NO.	F1max, N	F2max, N	F1, N	F2, N
4.444.005	1250	1070	540	560

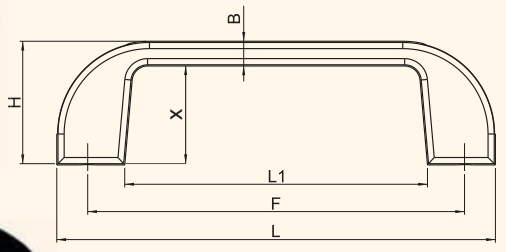
F1max, F2max - Forces at which the grips fail
F1, F2 - Forces at which handles begin to deform plastically

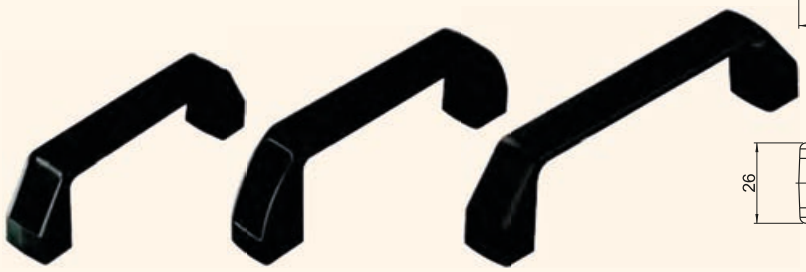


Handle 4.440, 4.540SN

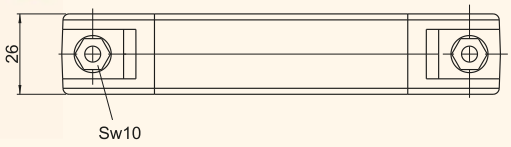


4.440.001 4.440.002 4.440.003





4.440.004 4.440.005 4.440.006



CATALOGUE NO.	DIMENSION						MATERIAL	FINISH [C]
	L	F	L1	H	B	X		RAL 9005
4.440.001	109	94	74,5	38	5,2	33	Polyamide GF30	07
4.440.002	134	113,5	88	45	10,5	34,5		
4.440.003	143	121	93	43,5	15	28,5		
4.440.004	150	132,5	109	44	6,5	37,5		
4.440.005	170	150,5	118	54	9	45		
4.440.006	196	179	152,5	49	7	42		

CATALOGUE NO.	F1max, N	F2max, N	F1, N	F2, N	NOTE
4.440.001	1400	3150	400	4550	**F1max, F2max** - Forces at which the grips fail
4.440.002	4300	9250	3100	4100	**F1, F2** - Forces at which handles begin to deform plastically
4.440.003	4200	4900	3000	2050	
4.440.004	2090	2000	1550	1600	
4.440.005	3300	4200	1300	1900	
4.440.006	2300	1600	1500	1300	



NEW



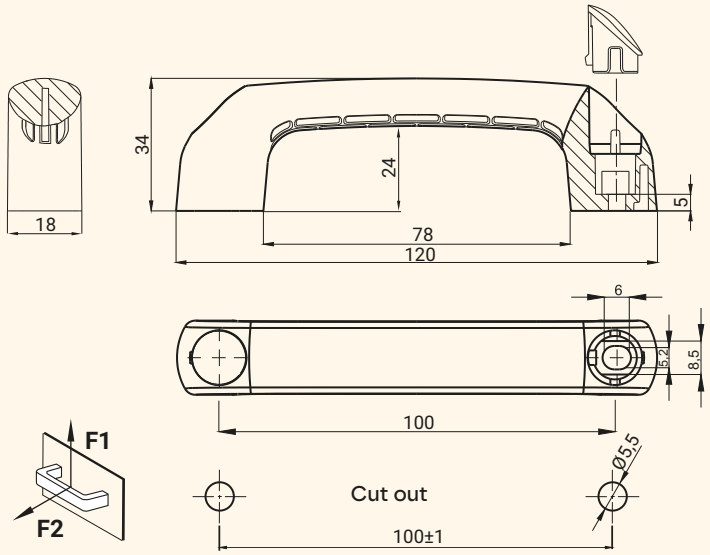
4.540.001SN



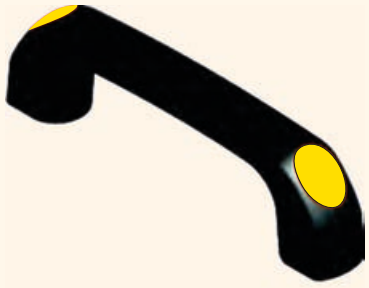
4.540.002SN

CATALOGUE NO.	L	F	f1	H	h1	h2	d	d1	E	B	MATERIAL
4.540.001SN	122	142	98	40	12	6	6,2	10	26	8	Stainless steel (AISI 316)
4.540.002SN	152	167	118	53,5							

Handle PA 4.444



Handle PA **4.444.001**



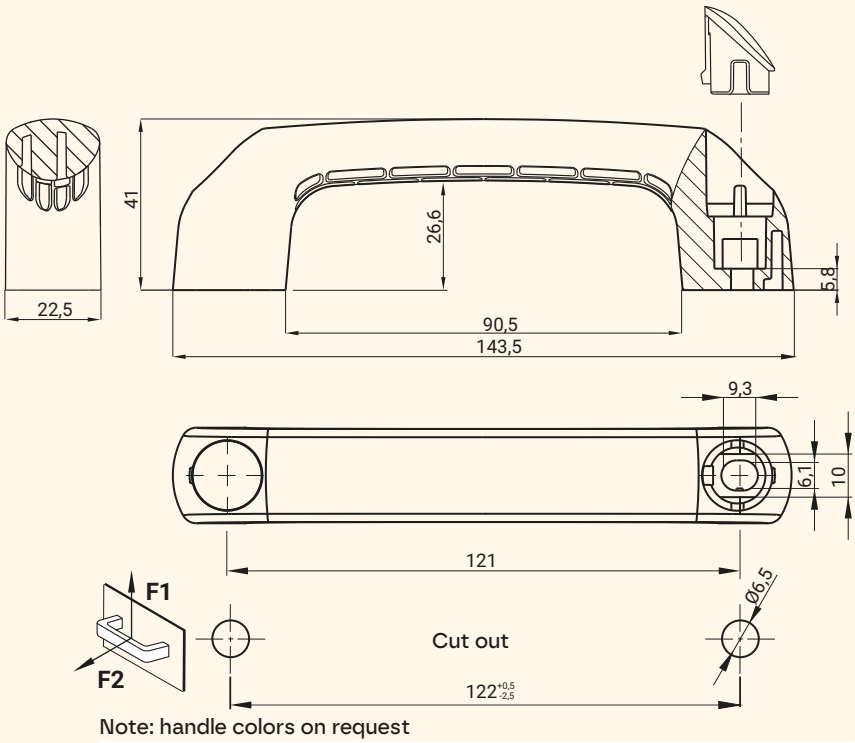
PLUG COLORS [C]	
01	black
02	blue
03	red
04	green
05	yellow
06	grey

Note: handle colors on request

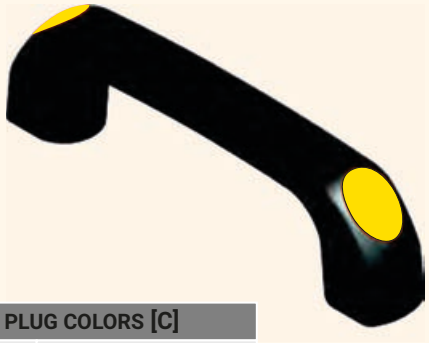
CATALOGUE NO.	MATERIAL	LOAD CAPACITY
4.444.001	Polyamide PA6 GF30 RAL 9005	54 kg

CATALOGUE NO.	F1max, N	F2max, N	F1, N	F2, N
4.444.001	1600	4000	1000	1300

F1max, F2max - Forces at which the grips fail
F1, F2 - Forces at which handles begin to deform plastically



Handle PA **4.444.002**



PLUG COLORS [C]	
01	black
02	blue
03	red
04	green
05	yellow
06	grey

Construction design allows to mount the handle into the holes with a spacing of 120mm

Note: handle colors on request

CATALOGUE NO.	MATERIAL	LOAD CAPACITY
4.444.002	Polyamide PA6 GF30 RAL 9005	54 kg

CATALOGUE NO.	F1max, N	F2max, N	F1, N	F2, N
4.444.002	4300	9250	3100	4100

F1max, **F2max** - Forces at which the grips fail
F1, **F2** - Forces at which handles begin to deform plastically

How to order:

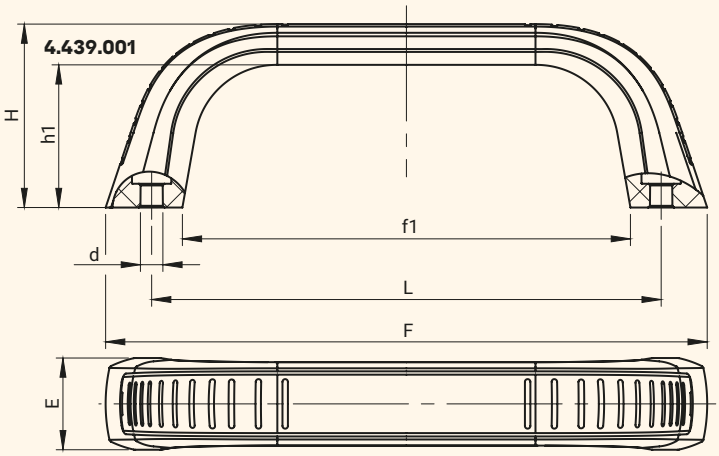
4.444.001	—	C
Catalogue number		
Plug color		

Mounting screws	4.444.001 M5	4.444.002 M6
	DIN 933	
	DIN 7984	
	DIN 965	
	DIN 84	

Handle 4.439, 4.449

NEW





MOUNTING SCREW	HANDLE CAT. NO 4.439.001
	*DIN 7984 M6
	*DIN 912 M6
	*DIN 933 M6

* not included in the scope of delivery

FORCE DIRECTION	DESTRUCTIVE FORCE F_{max}	MAX. WORKING LOAD [N]
Force F_1	2260	750
Force F_2	7380	2810

F1max, F2max - Forces at which the grips fail
F1, F2 - Forces at which handles begin to deform plastically

CATALOGUE NO.	L	F	f1	H	h1	d	E	COMPONENTS	MATERIAL
	150	177	132	54	42	6,5	27	Handle	Polyamide PA6 GF30 RAL 9005

Note: handle colors on request

How to order:

4.439.001 — C

Catalogue number

Plug color

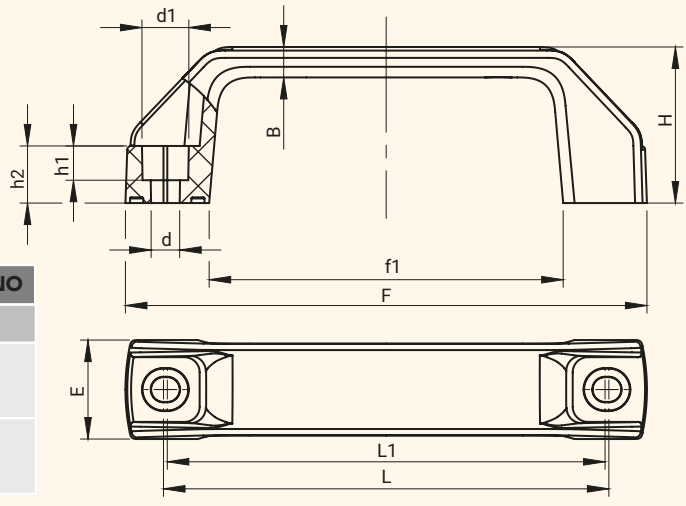


	PLUG COLORS [C]
01	black
02	blue
03	red
04	green
05	yellow
06	grey

NEW



4.449.001



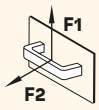
MOUNTING SCREW	HANDLE CAT. NO[4] 4.449.001	HANDLE CAT. NO 4.449.002
	*DIN 7984 M6	*DIN 7984 M8
	*DIN 912 M6	*DIN 912 M8

* not included in the scope of delivery

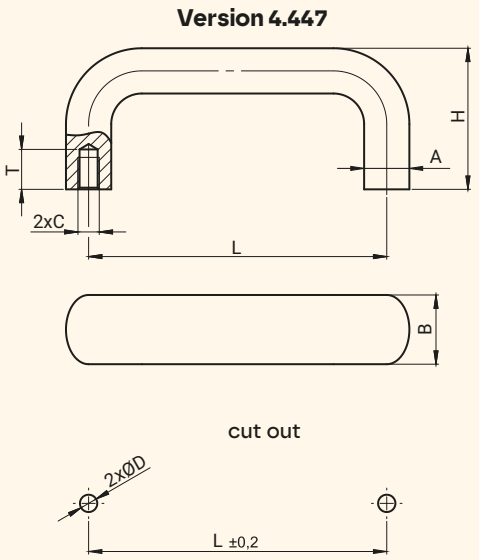
CATALOGUE NO.	L	L1	F	f1	H	h1	h2	d	d1	E	B	MATERIAL	FINISH [C] RAL 9005
	117	115	134	90	42	8,5	15	7,5	12	26	7,5	PA6 GF30	07
	113	115	135	91				9,5	15				

CATALOGUE NO.	F1max, N	F2max, N	F1, N	F2, N
4.449.001	2500	5420	620	2710
4.449.002	4360	8200	1220	3500

F1max, F2max - Forces at which the grips fail
F1, F2 - Forces at which handles begin to deform plastically



Handle 4.447, 4.448

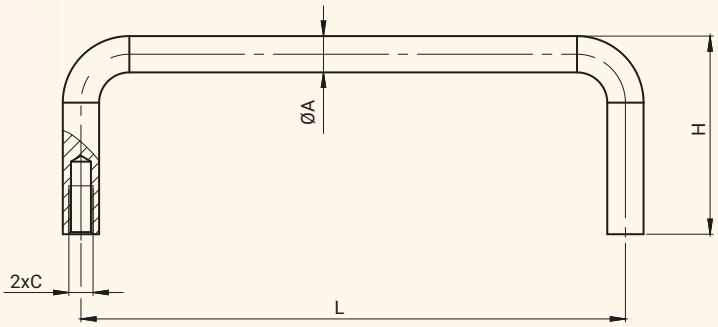


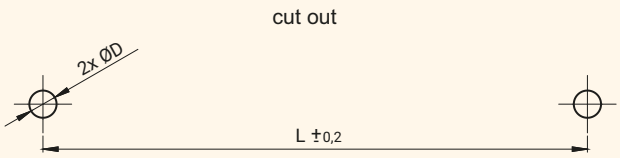


CATALOGUE NO.	DIMENSIONS							MATERIAL	FINISH
	L	H	A	B	T	C	D		
VERSION 4.447									
4.447.001	100	47	13	20	10	M6	6,6	Aluminum	Natural
4.447.002	112	49							
4.447.003	128	51							
4.447.004	160	51							
4.447.005	112	53	17	26	12	M8	9		
4.447.006	128	55							
4.447.007	160	57							
4.447.008	192	57							
4.447.009	300	57							
4.447.010	400	57							
4.447.101	100	47	13	20	10	M6	6,6		black plastic coating
4.447.102	112	49							
4.447.103	128	51							
4.447.104	160	51	17	26	12	M8	9		
4.447.105	112	53							
4.447.106	128	55							
4.447.107	160	57							
4.447.108	192	57							
4.447.109	300	57							
4.447.110	400	57							
4.447.301	100	50	13	20	10	M6	6,6		anodising
4.447.302	112								
4.447.303	112	55	17	26	12	M8	9		
4.447.304	128	50	13	20	10	M6	6,6		
4.447.305	128	55	17	26	12	M8	9		
4.447.306	160	50	13	20	10	M6	6,6		
4.447.307	160	55	17	26	12	M8	9		
4.447.308	192								
4.447.309	300								
4.447.310	400								
4.447.002 SN	112	49	13	20	10	M6	6,6	Stainless steel	Natural
4.447.003 SN	128	51							
VERSION 4.448									
4.448.001	116	53	17	26	17	ø6,4	6,6	Aluminum	Natural
4.448.002	132	55							
4.448.003	164	57							
4.448.004	196	57							
4.448.101	116	53							black plastic coating
4.448.102	132	55							
4.448.103	164	57							
4.448.104	196	57							

Handle 4.446

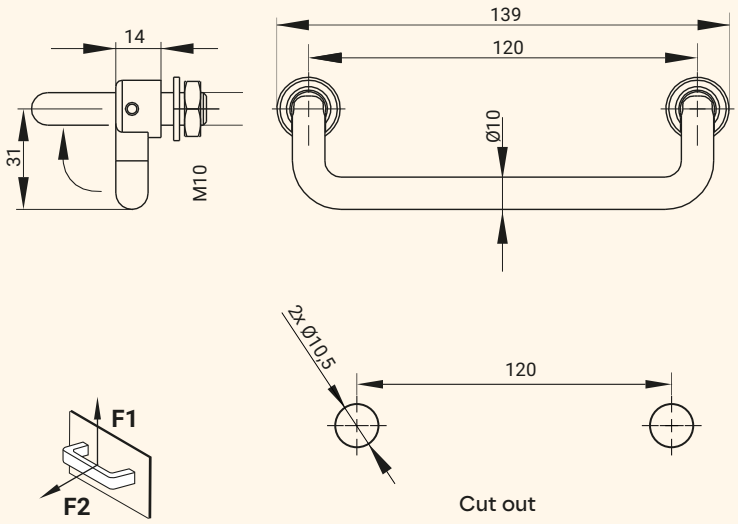






CATALOGUE NO.		DIMENSIONS				
Chrome plated steel	Stainless steel	L	A	H	C	D
4.446.001	4.446.001SN	70	6	32	M4	4,5
4.446.002	4.446.002SN	90	6	32	M4	4,5
4.446.003	4.446.003SN	102	6	32	M4	4,5
4.446.004	4.446.004SN	122	6	32	M4	4,5
4.446.005	4.446.005SN	138	6	32	M4	4,5
4.446.006	4.446.006SN	75	8	40	M5	6
4.446.007	4.446.007SN	100	8	32	M5	6
4.446.008	4.446.008SN	150	8	40	M5	6
4.446.009	4.446.009SN	90	9	32	M5	6
4.446.010	4.446.010SN	119	9	40	M5	6
4.446.011	4.446.011SN	135	9	32	M5	6
4.446.012	4.446.012SN	149	9	40	M5	6
4.446.013	4.446.013SN	155	9	32	M5	6
4.446.014	4.446.014SN	160	9	40	M5	6

Handle 4.444



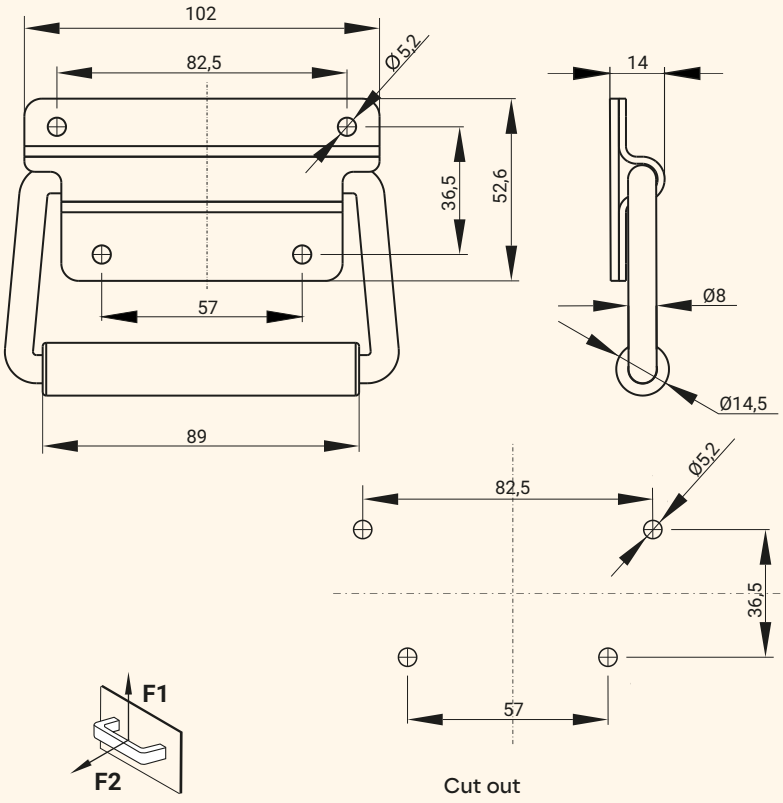
Cut out



CATALOGUE NO.	COMPONENTS	MATERIAL
4.444.003	Holder, Base	Stainless steel

CATALOGUE NO.	F1max, N	F2max, N	F1, N	F2, N
4.444.003	8000	16500	3500	7750

F1max, F2max - Forces at which the grips fail
F1, F2 - Forces at which handles begin to deform plastically



Cut out



CATALOGUE NO.	COMPONENTS	MATERIAL
4.444.004	Holder, Base, Spring	Steel zinc plated

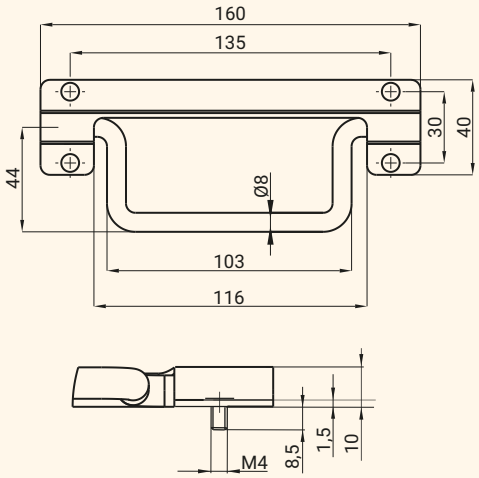
CATALOGUE NO.	F1max, N	F2max, N	F1, N	F2, N
4.444.004	2000	16510	420	5060

F1max, F2max - Forces at which the grips fail
F1, F2 - Forces at which handles begin to deform plastically

Metal handle 4.442
Drawer handle 4.443

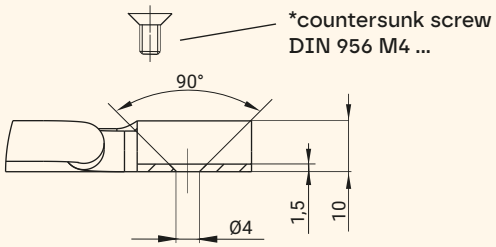


Metal handle **4.442**



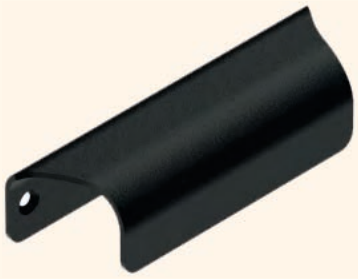
CATALOGUE NO.	COMPONENTS	MATERIAL
4.442.001	Holder, Base	Stainless steel
4.442.003	Holder, Base	Steel zinc plated



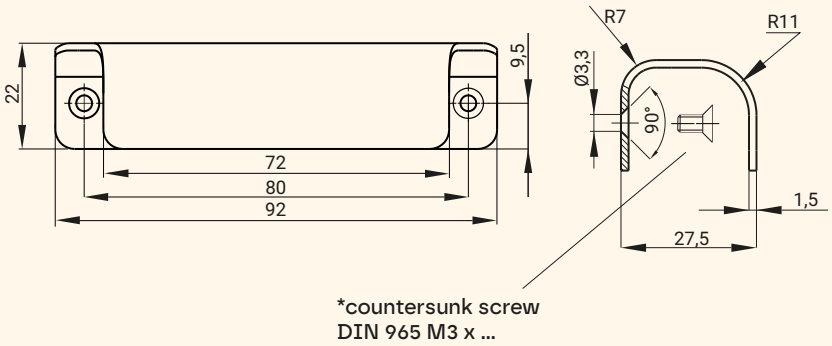


* not included in the handle

CATALOGUE NO.	COMPONENTS	MATERIAL
4.442.002	Holder, Base	Stainless steel
4.442.004	Holder, Base	Steel zinc plated



Drawer handle **4.443**



* not included in the handle

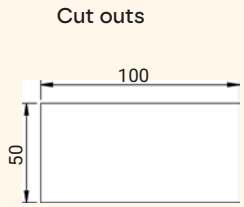
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
4.443.001	Holder	Steel zinc plated	04	05
4.443.002	Holder	Stainless steel	-	-

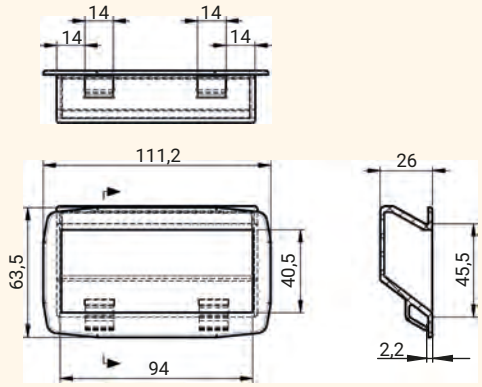
How to order: 4.443.001 — C

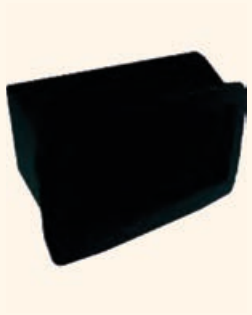
Catalogue number

Finish

Handle 4.102, 4.470

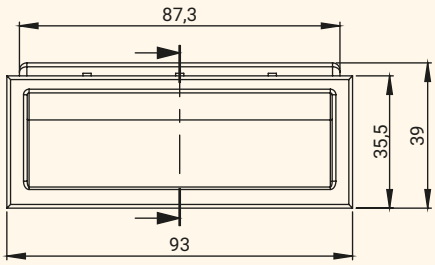


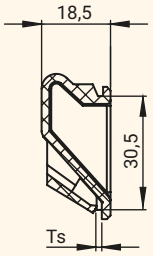




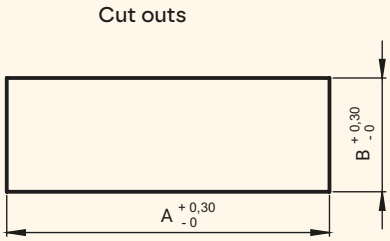
Ts - Thickness of metal sheet

CATALOGUE NO.	MATERIAL	Ts	FINISH [C]
			RAL 9005
4.102.001	Polyamide PA6	1,2 - 1,6	07
4.102.003	Polyamide PA6	0,8 - 1,2	





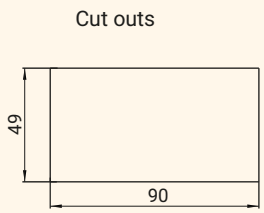


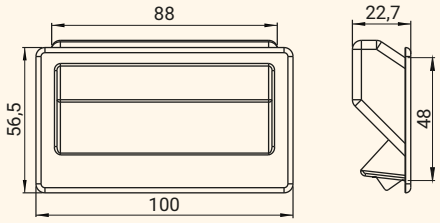


Ts	A	B
1,2-1,6	87,5	30,7
1,75-2,2	87,5	30,7

Ts - Thickness of metal sheet

CATALOGUE NO.	MATERIAL	FINISH [C]
		RAL 9005
4.102.002	Polyamide PA6 GF30	07





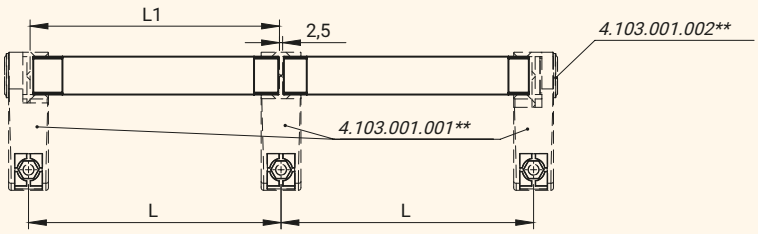


Ts - Thickness of metal sheet

CATALOGUE NO.	MATERIAL	Ts	FINISH [C]
			RAL 9005
4.470.001	Polyamide PA6	1,0 - 2,5	07

Handle 4.103, 4.441





* It is possible to order the tube profile in another dimension.
** Grip and cap (4.103.001.001, 4.103.001.002) of the profile ordered separately.

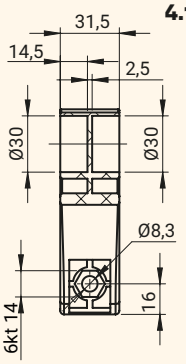
CATALOGUE NO.	L	L1	COMPONENTS	MATERIAL	FINISH (C)	
					NO COATING	RAL 9005
4.103.05	200	197,5	Tubular profile	Aluminium	00	04
4.103.06	300	297,5				
4.103.07	400	397,5				
4.103.08	500	497,5				

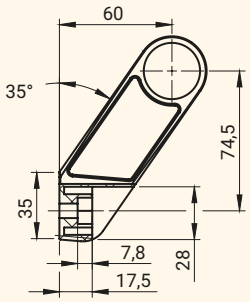
How to order:
Cat. number
Finish [C]

4.103.05 — 04

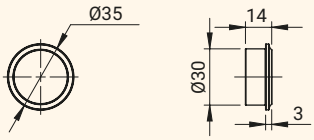


4.103.001.001



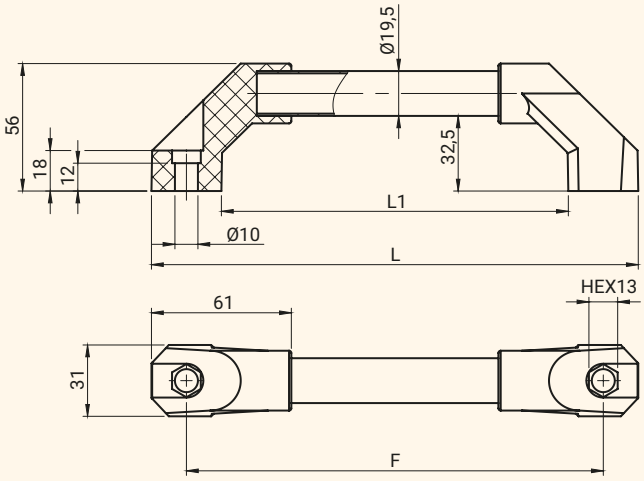


4.103.001.002



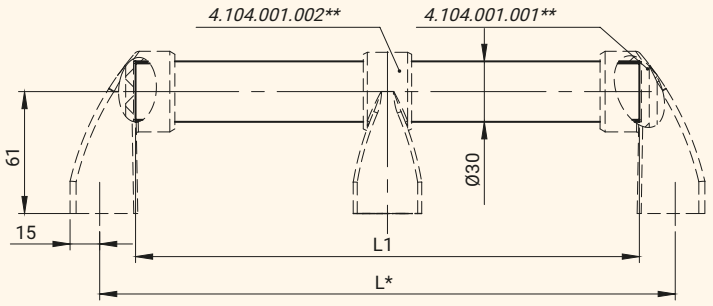
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
4.103.001.001	Handle	Polyamide PA6	07
4.103.001.002	Blinder cap		





CATALOGUE NO.	DIMENSION			MATERIAL	HOLDER FINISH [C]
	F	L	L1		RAL 9005
4.441.001	200	233	172	Holder - Polyamide Handle - Aluminum	07
4.441.002	300	324	254		
4.441.003	400	424	354		
4.441.004	500	524	454		

Handle 4.104



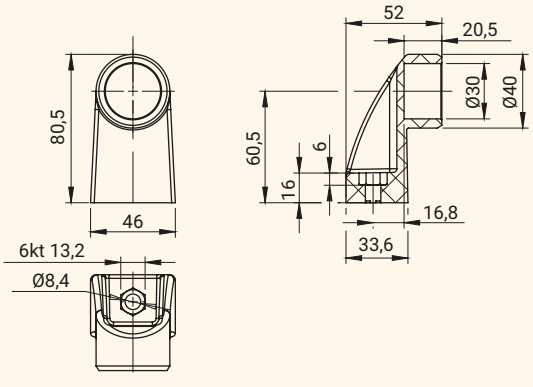


* Tubular profile can be ordered in other dimensions.
** holder (4.104.001.001, 4.104.001.002) of the profile ordered separately.

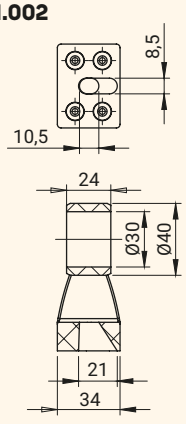
CATALOGUE NO.	L	L1	COMPONENTS	MATERIAL	FINISH [C]	
					NO COATING	RAL 9005
4.104.001.200	200	166,5	Tubular profile	Aluminium	00	04
4.104.001.300	300	266,5				
4.104.001.400	400	366,5				
4.104.001.500	500	466,5				

How to order:
Catalogue number — 4.104.001.300
Finish [C] — 04

4.104.001.001



4.104.001.002





4.104.001



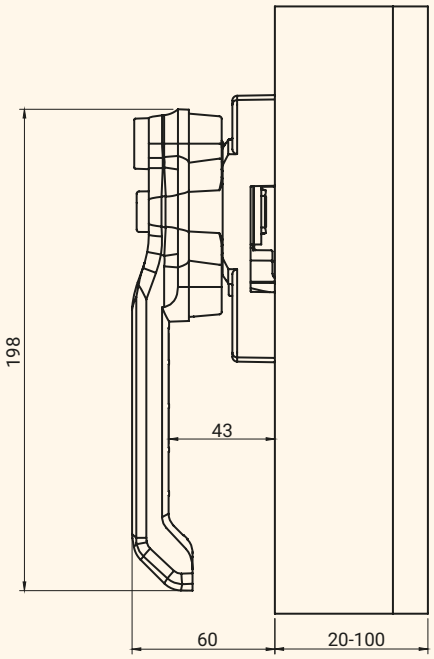
4.104.002

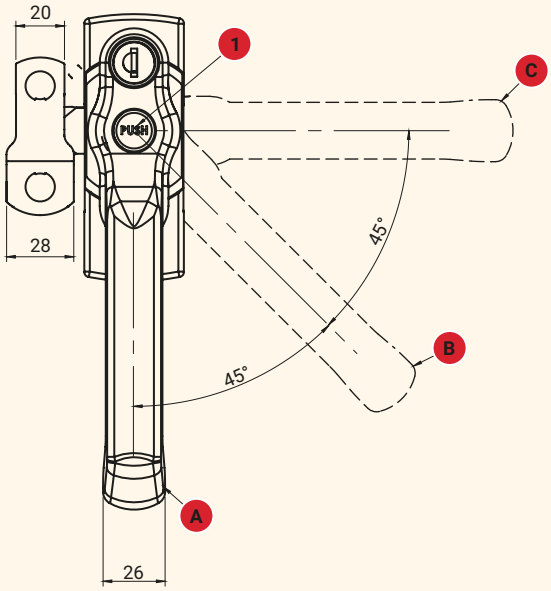
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
4.104.001.001	External holder	PA6 GF30	07
4.104.001.002	Through-hole holder		

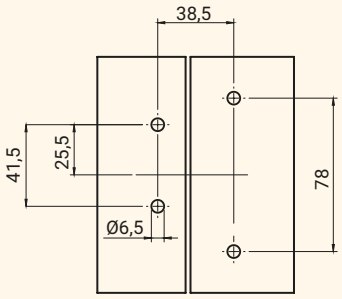
Lock with decompression function 4.120

NEW

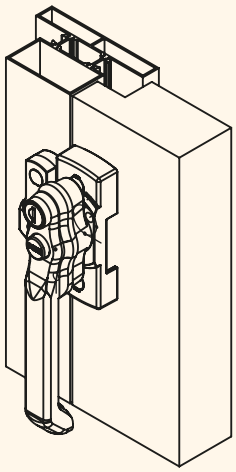








Spacing of holes



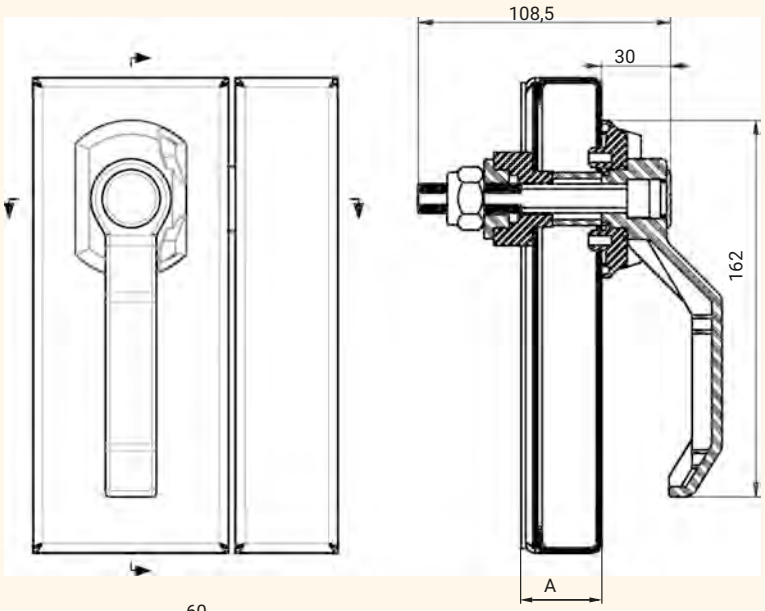
- **A** Locked position
- **B** Decompression - lock is closed, but pressure is removed
- **C** Open position - press button 1 to open

Specification::
1. Locks 4.120.001 and 4.120.002 with a leakage function - protection of the cabinet user against uncontrolled opening of the door due to overpressure in the climate control panel. It allows for pressure compensation before opening the door. Locks 4.120.003 and 4.120.004 (without a button) do not have a leakage function before opening the lock.. 2. Resistance of the lock to pressure of 5000 N/mm2.
3. The lock can be mounted on doors with a thickness of 20-100 mm.

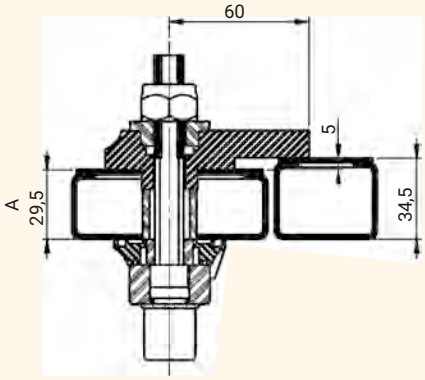
CATALOGUE NO.	VERSION		COMPONENTS	MATERIALS
4.120.001	lockable*	with push button	Handle	PA6GF30
4.120.002	not lockable	with push button	Base	ZAMAK
4.120.003	lockable*	without push button	Catch	ZAMAK
4.120.004	not lockable	without push button	Cam	Steel

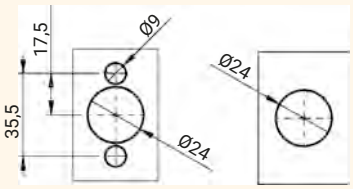
* possibility to use different key codes

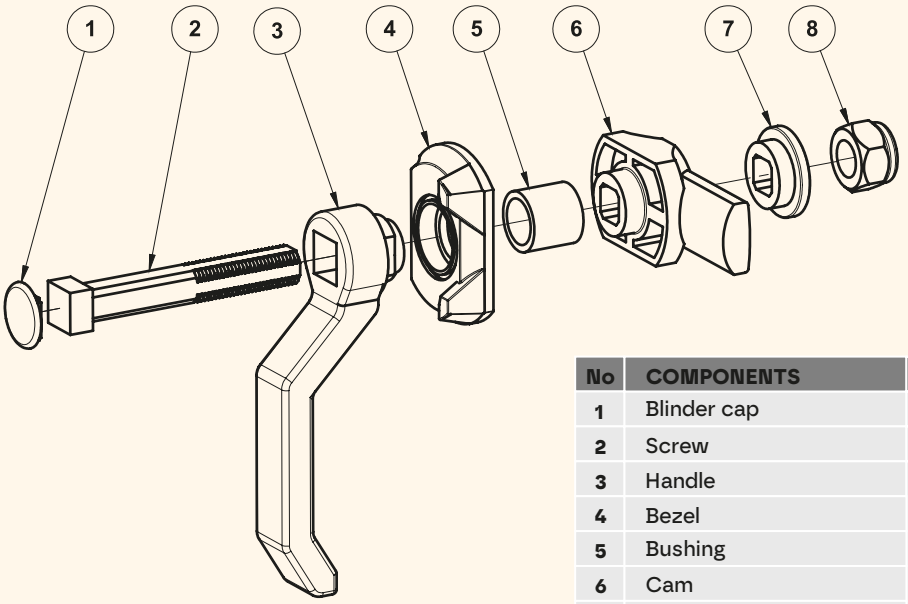
Heavy duty handle 4.105











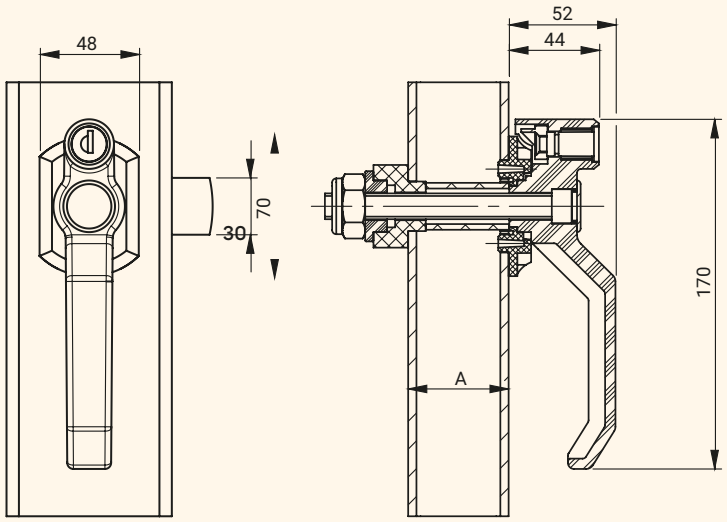
No	COMPONENTS	MATERIAL
1	Blinder cap	Polyamide P6GF30
2	Screw	ZAMAK 5
3	Handle	Polyamide P6GF30
4	Bezel	
5	Bushing	
6	Cam	
7	Washer	
8	Nut	Steel zinc plated

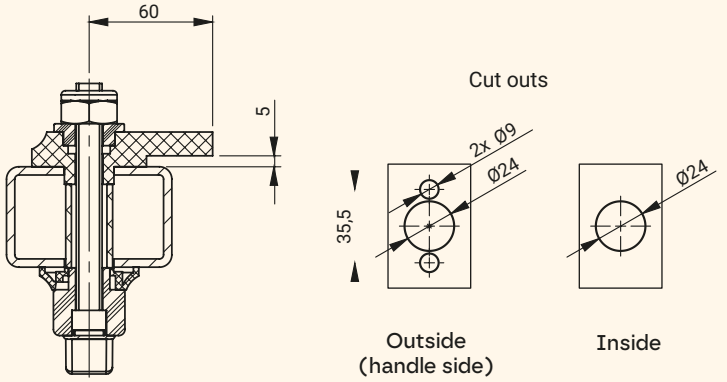
A Thickness door	180° Sign	90° turn Right	90° turn Left	FINISH [C]
				RAL 9005
30 mm	**4.105.001**	**4.105.004**	**4.105.007**	07
50 mm	**4.105.002**	**4.105.005**	**4.105.008**	
70 mm	**4.105.003**	**4.105.006**	**4.105.009**	

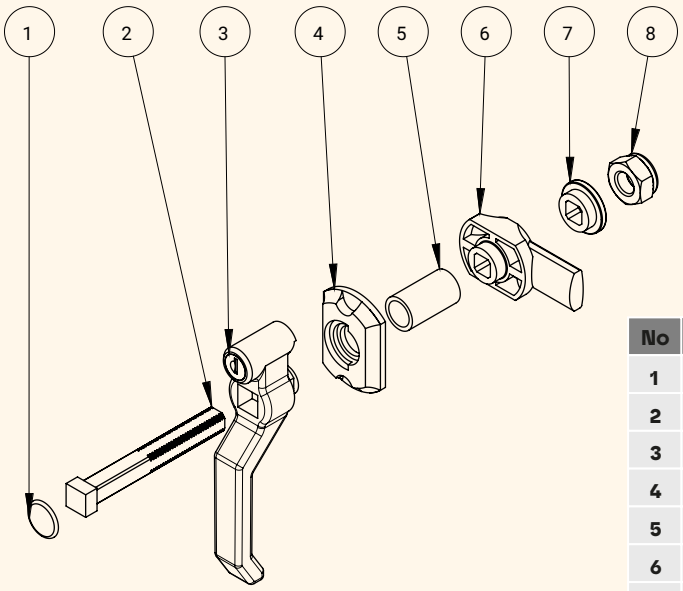
Left and right version on request. Delivery time 4-6 weeks.

Heavy duty handle 4.105





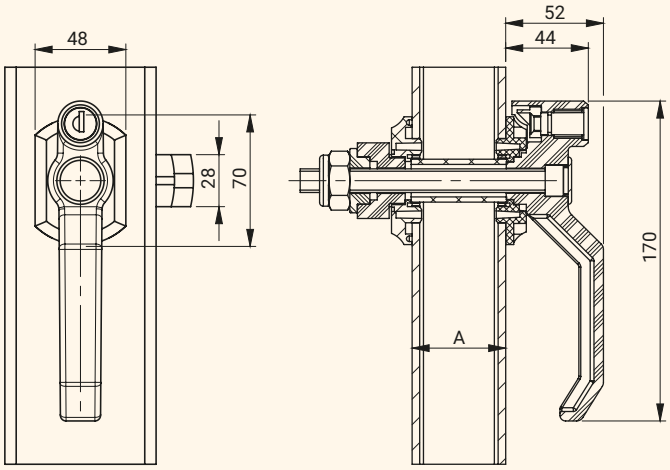




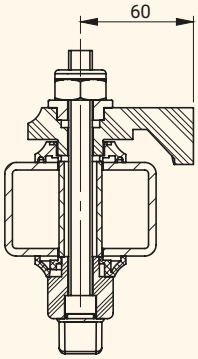
No	COMPONENTS	MATERIAL
1	Blinder cap	Polyamide P6GF30
2	Screw	ZAMAK 5
3	Handle	Polyamide P6GF30
4	Bezel	
5	Bushing	
6	Cam	
7	Washer	
8	Nut	Steel zinc plated

CATALOGUE NO.	MAX. DOOR THICKNESS A [mm]	FINISH [C]
		RAL 9005
4.105.101	30	07
4.105.102	50	
4.105.103	70	

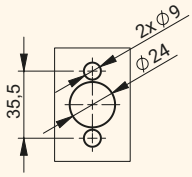
Heavy duty handle 4.106

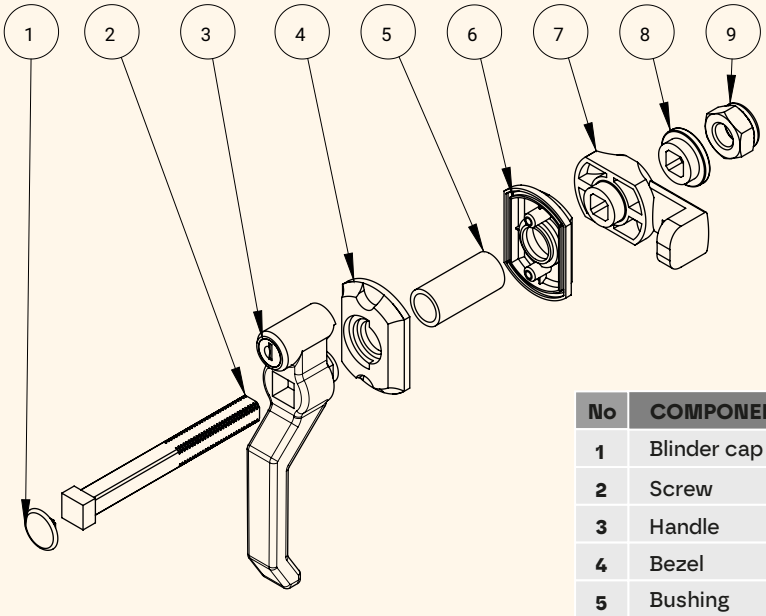






Cut outs



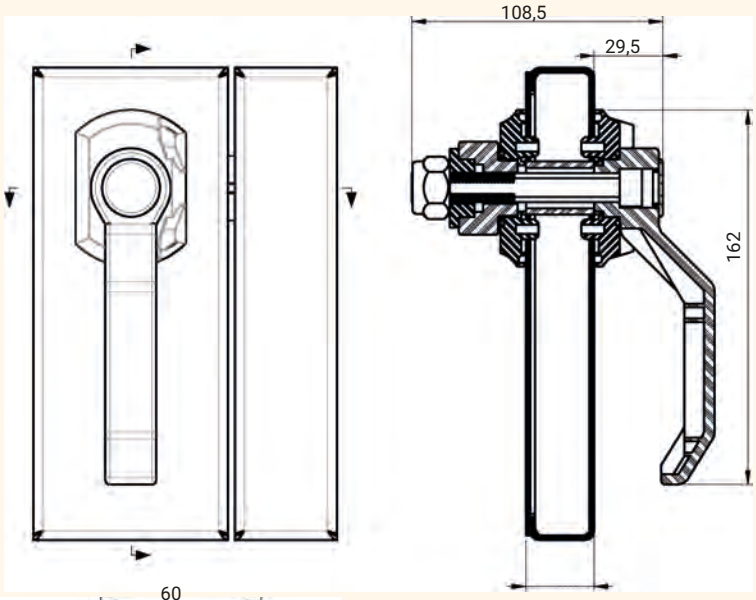


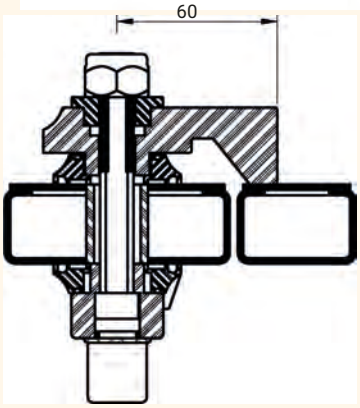
No	COMPONENTS	MATERIAL
1	Blinder cap	Polyamide P6GF30
2	Screw	ZAMAK 5
3	Handle	Polyamide P6GF30
4	Bezel	
5	Bushing	
6	Cam	
7	Washer	
8	Nut	Steel zinc plated

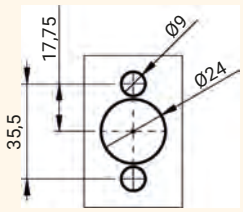
CATALOGUE NO.	MAX. DOOR THICKNESS A [mm]	FINISH [C]
		RAL 9005
4.106.101	25	07
4.106.102	40	
4.106.103	50	

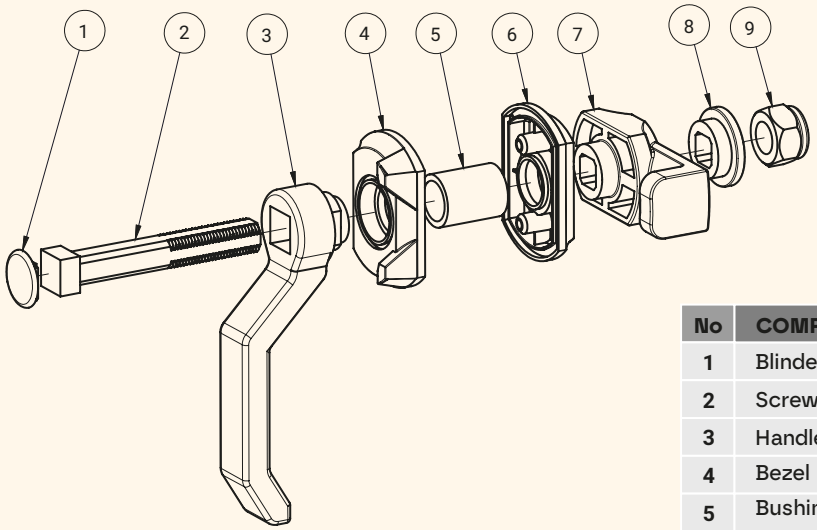
Heavy duty handle 4.106











No	COMPONENTS	MATERIAL
1	Blinder cap	Polyamide P6GF30
2	Screw	Steel zinc plated
3	Handle	Polyamide P6GF30
4	Bezel	
5	Bushing	
6	Bezel	
7	Cam	
8	Washer	
9	Nut	Steel zinc plated

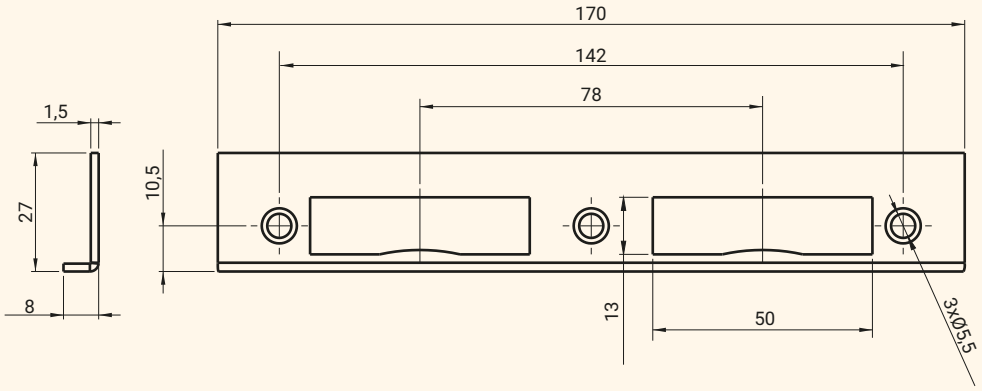
A - Thickness door	180° Sign	90° turn Right	90° turn Left	FINISH [C]
				RAL 9005
25 mm	**4.106.001**	**4.106.004**	**4.106.007**	07
40 mm	**4.106.002**	**4.106.005**	**4.106.008**	
50 mm	**4.106.003**	**4.106.006**	**4.106.009**	

Left and right version on request. Delivery time 4-6 weeks.

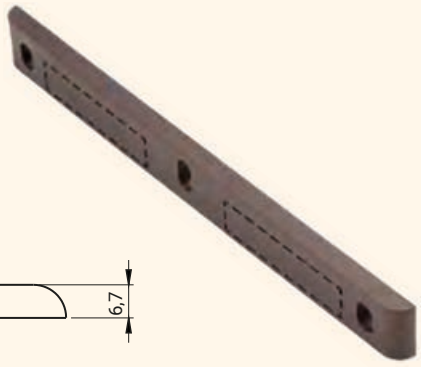
Latching element 4.471,
Masking element 4.472



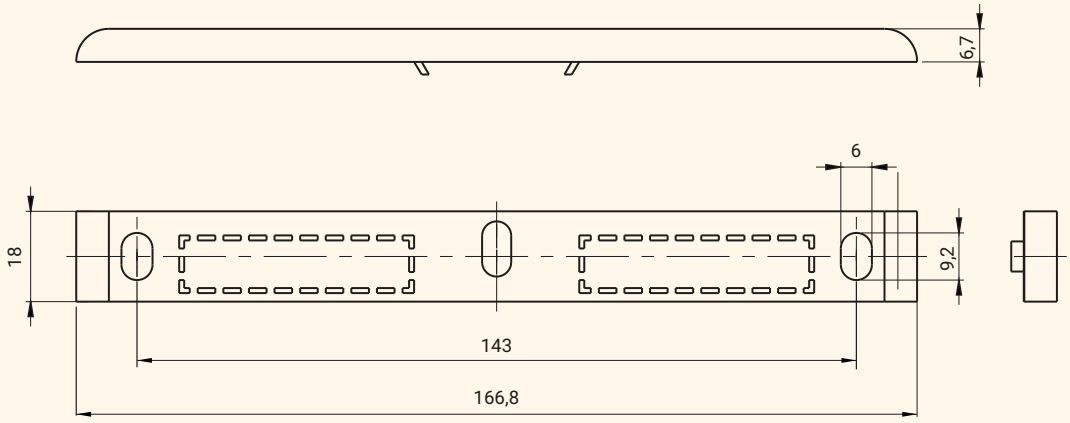
Latching element



CATALOGUE NO.	MATERIAL
4.471.001	Steel zinc plated



Masking element



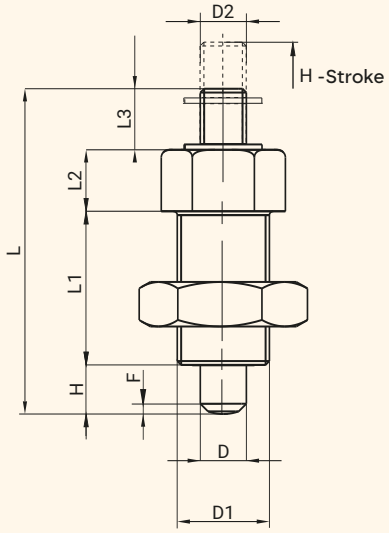
CATALOGUE NO.	MATERIAL
4.472.001	Polipropylen - PP color - brown

Fixing pivot 4.427, Clamp 4.426

Fixing pivot **4.427.001, 4.427.002**



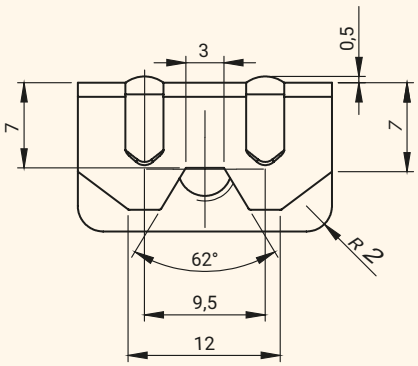


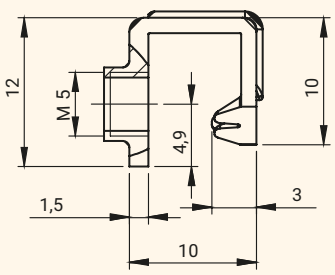


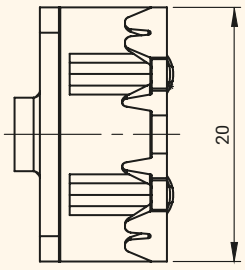
	D1	D2	D	L	L1	L2	L3	H	F
4.427.001	M12 x 1,5	M6	ø6	42	20	8	8	6	1 x 45°
4.427.002	M10 x 1	M4	ø5	37	17	7	7	5,6	0,7 x 45°

CATALOGUE NO.	COMPONENTS	MATERIAL
4.427.001 **4.427.002**	Nut Housing Pin Cir clip	Steel - oxidized





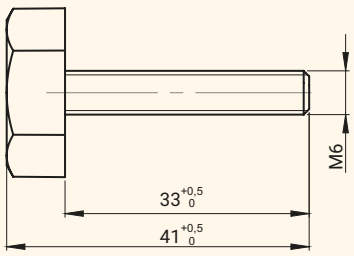




Complete clamp has a screw M5x8

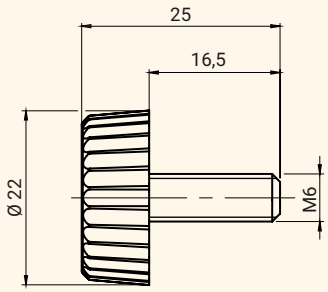
CATALOGUE NO.	MATERIAL
4.426.001	Steel zinc plated

Knob 4.404, 4.404.100, 4.428



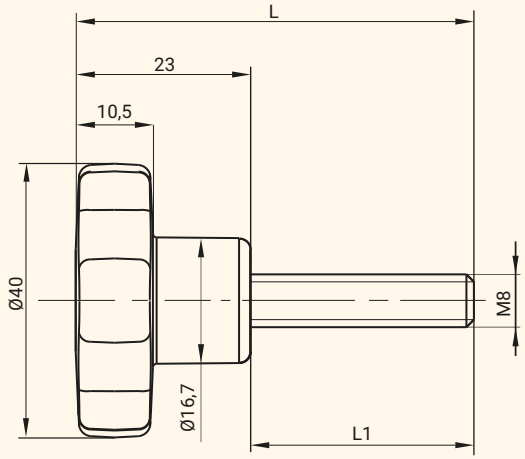


CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
4.404.001	Knob	Polyamide PA6	07
	Screw	Steel zinc plated	





CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
4.404.100	Knob	Polyamide PA6	07
	Screw	Steel zinc plated	

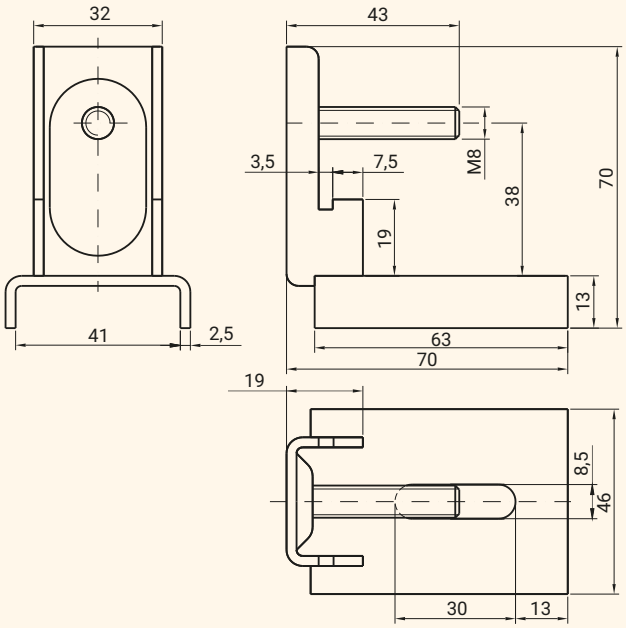




CATALOGUE NO.	L	L1	COMPONENTS	MATERIAL	FINISH [C]
					RAL 9005
4.428.001	53	30	Handle	Polyamide PA6 GF30	07
4.428.002	45	22			
4.428.003	37	14	Screw	Steel zinc plated	
4.428.001SN	53	30	Handle	Polyamide PA6 GF30	
4.428.002SN	45	22			
4.428.003SN	37	14	Screw	Stainless steel	

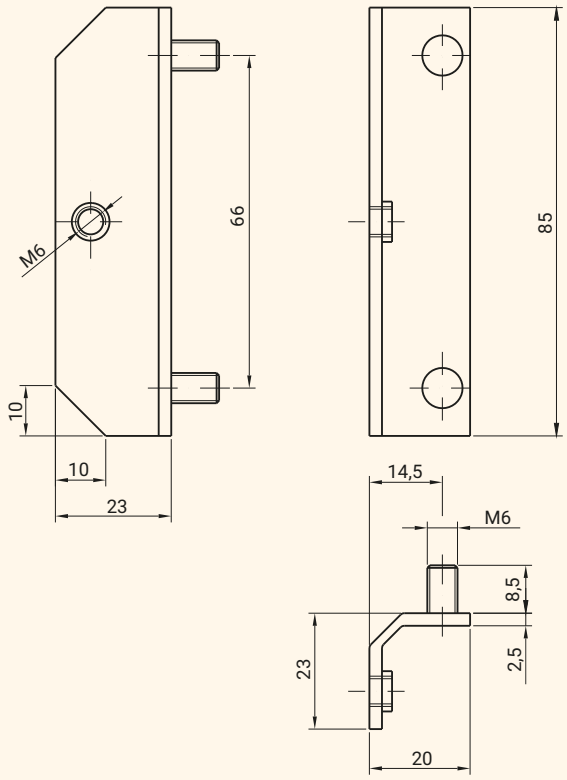
Masking plate bracket 4.412, Holder 4.413





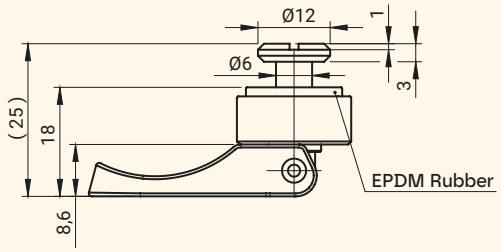
CATALOGUE NO.	NAME	MATERIAL
4.412.001	Masking plate bracket	Steel zinc plated

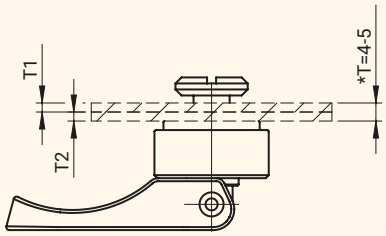




CATALOGUE NO.	NAME	MATERIAL
4.413.001	Holder	Steel zinc plated

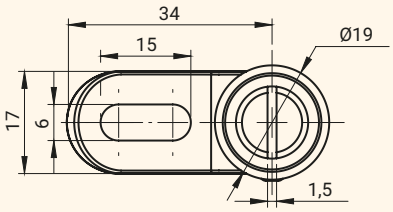
Connector 4.560





NEW



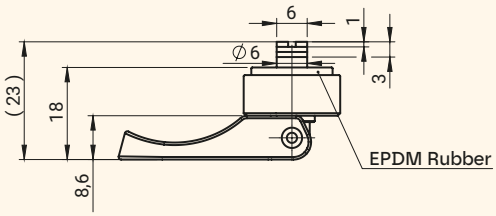


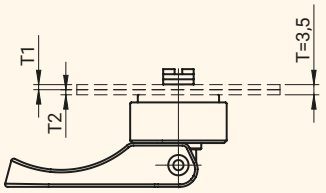




Coupling designed for joining sheets with a total thickness of 4 to 5 mm.
Pressure adjustment by means of a threaded clip.
*T - Total thickness of mounting plates.

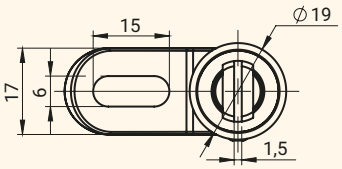
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
4.560.001	Clamp, Sleeve	ZAMAK 5	Zinc-plated steel
	Catch, Threaded sleeve	Steel	Zinc-plated steel
	Washer	EPDM	-
	Spring	Stainless steel	-

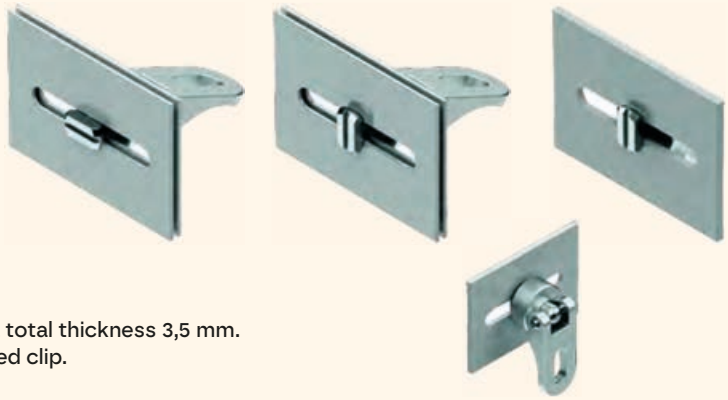




NEW







Coupling designed for joining sheets with a total thickness 3,5 mm.
Pressure adjustment by means of a threaded clip.
*T - Total thickness of mounting plates.

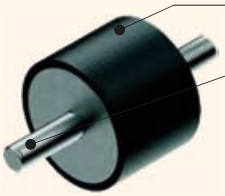
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
4.560.002	Clamp, Sleeve	ZAMAK 5	Zinc-plated steel
	Catch, Threaded sleeve	Steel	Zinc-plated steel
	Washer	EPDM	-
	Spring	Stainless steel	-

Vibroisolator 4.464

NEW

Natural rubber (NR) - hardness 60 Sh A

Zinc-plated steel



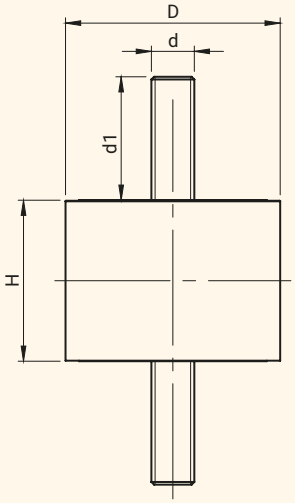
TYPE A

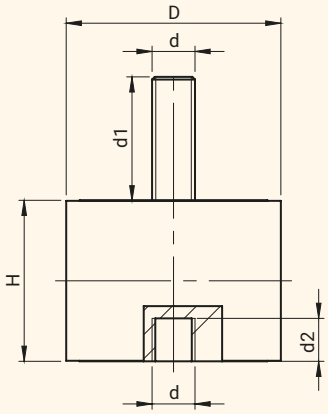


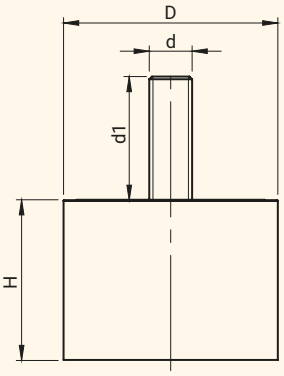
TYPE B



TYPE C





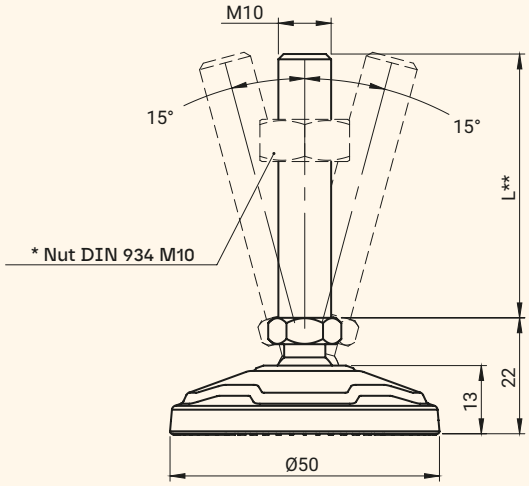


COMPONENTS	MATERIAL
Core	Zinc-plated steel
Guma	Natural rubber (NR)

CATALOGUE NO.	TYPE	D	H	d	d1	d2
4.464.001	A	40	30	M8	23	-
4.464.002	A	30	30	M8	20	-
4.464.201	B	40	30	M8	23	8
4.464.301	C	30	30	M8	20	-

Swivel foot 4.521
Anti-skid pad 4.521.100

NEW





* - not included in scope of delivery, to be ordered separately
** - dimension L as per order

CATALOGUE NO.	COMPONENTS	MATERIAL
4.521	Screw	Zinc-plated steel
	Base	PA6 GF30
4.521SN	Screw	Stainless steel
	Base	PA6 GF30

MAXIMUM LOADING STATIC LOAD [N]	MAXIMUM LOADING STATIC LOAD [kg]
10 000	1000

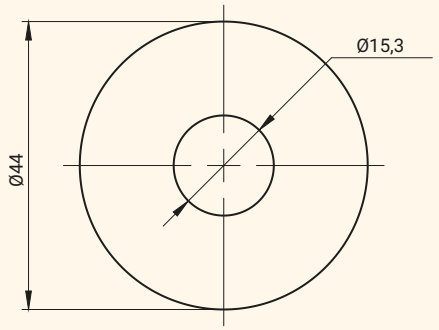
How to order:

4.521 — 40

Cat. number

Thread length [L]

NEW





CATALOGUE NO.	COMPONENTS	MATERIAL
4.521.100	Anti-skid pad	NBR

* The anti-skid pad 4.521.100 works with the oscillating feet 4.521

* The anti-skid pad 4.521.100 is not included in the scope of delivery, must be ordered separately.



06

Sealings and edge protection profiles

Seals and edge protection profiles

The materials we carefully select guarantee an optimal fit and thus perfect sealing in every installation situation. In order to meet your individual requirements, we offer customised vulcanised corners, rings and frames in addition to standard sizes. Our edge protection profiles are made of hard-wearing material with high abrasion resistance and durability. They not only protect against damage, but also help to prevent accidents and injuries. Material diversity, individuality, flexibility and easy installation with the support of our experts guarantee you the optimal solution even for highly specialised requirements – from the perfect seal to the ideal edge protection profile.

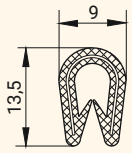
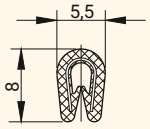
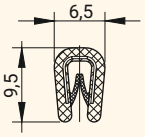
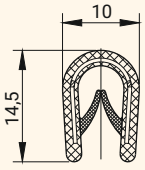
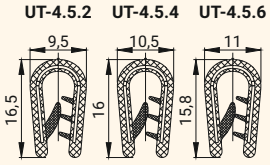
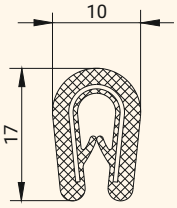
Good to know

Vulcanised rings, corners and frames enable quick and easy installation while also ensuring that the joints between the corners and rings remain permanently sealed and closed.





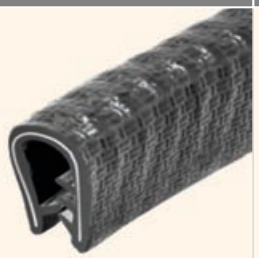
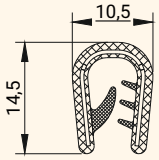
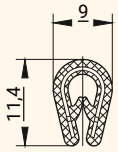
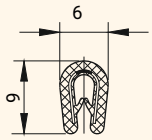
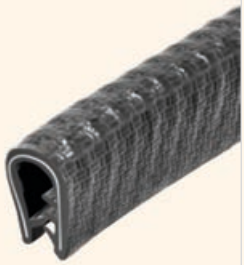
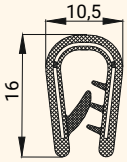
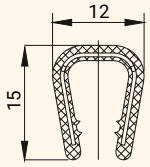
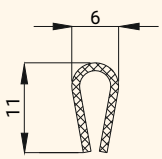
Gasketing profiles

	Design (section of gasket)	Code	Clamping range [mm]	Colour	Material	Sales unit [m]
		**UT-4**	1,0-4,0	C	PVC	100
		**UT-4.2**	1,0-1,5	C	PVC	100
		**UT-4.3.01**	1,0-2,0	C	PVC	100
		UT-4.3.02	1,0-2,0	B	PVC	100
		UT-4.3.06	1,0-2,0	S	PVC	100
		**UT-4.4.01**	1,0-4,0	C	PVC	100
		UT-4.4.02	1,0-4,0	B	PVC	100
		UT-4.4.04	1,0-4,0	SC	PVC	100
		UT-4.4.05	1,0-4,0	SJ	PVC	100
		**UT-4.5.2**	1,0-2,5	C	PVC	100
		UT-4.5.4	2,0-4,0	C	PVC	100
		UT-4.5.6	4,0-6,0	C	PVC	100
		**UT-4.6**	1,0-4,0	C	PVC	100

C - black, **B** - white, **S** - gray, **SJ** - bright gray , **SC** - dark gray

- EPDM **- PVC**

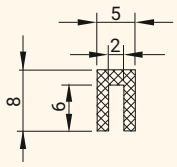
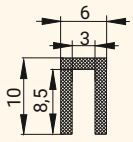
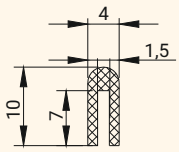
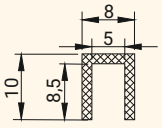
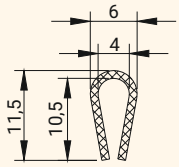
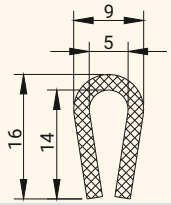
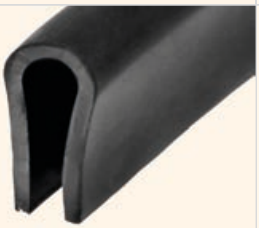
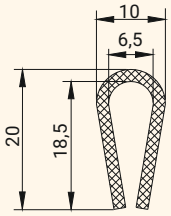
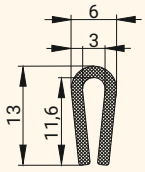
Gasketing profiles

	Design (section of gasket)	Code	Clamping range [mm]	Colour	Material	Sales unit [m]
		**UT-4.7**	2,0-5,0	C	PVC	100
		**UT-4.8.2**	1,0-2,5	C	PVC	100
		UT-4.8.4	2,0-4,0	C	PVC	100
		**UT-4.9.01**	1,0-2,0	C	PVC	100
		UT-4.9.02	1,0-2,0	B*	PVC	100
		UT-4.9.03	1,0-2,0	S	PVC	100
		**UT-4.10.2**	2,0-4,0	C	PVC	100
		**UT-3.8**	6,0-8,0	C	PVC	100
		UT-3.10	8,0-10,0	C	PVC	100
		**UT-2**	1,7-2,3	C	PVC	25

C - black, **B** - white, **S** - gray, **SJ** - bright gray , **SC** - dark gray

- EPDM **- PVC**

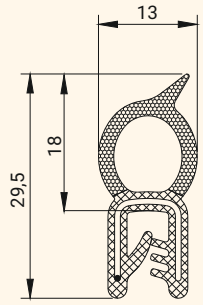
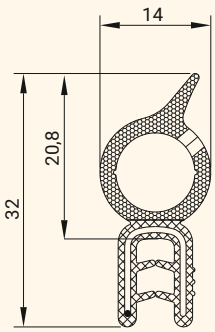
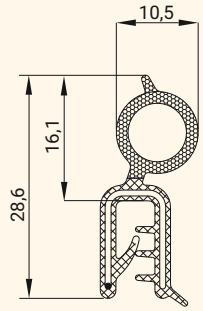
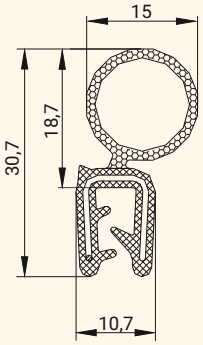
Gasketing profiles

	Design (section of gasket)	Code	Clamping range [mm]	Colour	Material	Sales unit [m]
		**UT-5**	2,0	C	EPDM	100
		**UT-5.1**	3,0	C	EPDM	100
		**UT-5.2**	1,5	C	EPDM	100
		**UT-5.3**	5,0	C	EPDM	100
		**UT-5.4**	4,0	C	EPDM	100
		**UT-5.5**	5,0	C	EPDM	100
		**UT-5.6**	6,5	C	EPDM	100
		**UT-5.7**	3,0	C	EPDM	100

C - black, **B** - white, **S** - gray, **SJ** - bright gray , **SC** - dark gray

- EPDM **- PVC**

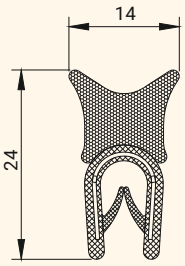
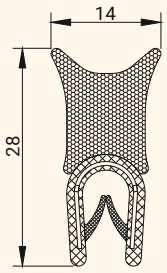
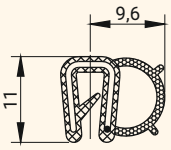
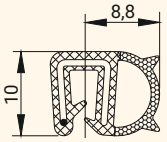
Gasketing profiles

	Design (section of gasket)	Code	Clamping range [mm]	Colour	Material	Sales unit [m]
		**UT-30.1**	1,0-2,5	C	EPDM	50
		UT-30.4	2,0-4,0	C	EPDM	50
		**UT-30.2**	1,0-3,0	C	EPDM	50
		**UT-35**	1,0-2,5	C	EPDM	50
		**UT-35.1**	1,0-3,0	C	EPDM	50

C - black, **B** - white, **S** - gray, **SJ** - bright gray , **SC** - dark gray

- EPDM **- PVC**

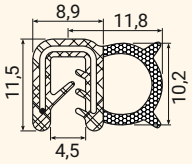
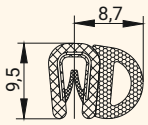
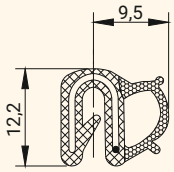
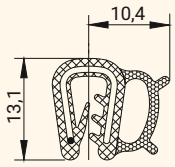
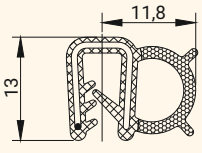
Gasketing profiles

	Design (section of gasket)	Code	Clamping range [mm]	Colour	Material	Sales unit [m]
		**UT-31**	1,0-4,0	C	EPDM PVC	50
		**UT-31.2**	1,0-4,0	C	EPDM PVC	50
		**UT-33.2**	1,0-2,0	C	EPDM	50
		**UT-33.3**	1,0-2,5	C	EPDM	100

C - black, **B** - white, **S** - gray, **SJ** - bright gray , **SC** - dark gray

- EPDM **- PVC**

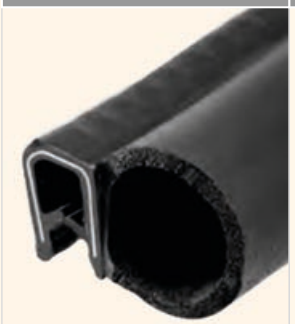
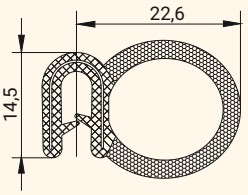
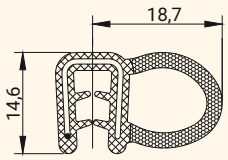
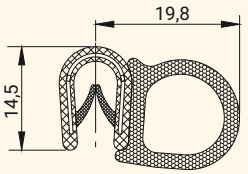
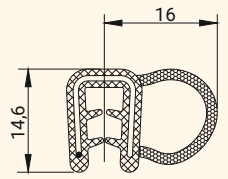
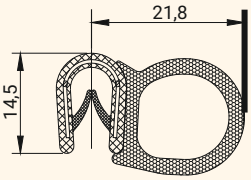
Gasketing profiles

	Design (section of gasket)	Code	Clamping range [mm]	Colour	Material	Sales unit [m]
		**UT-33.4**	1,0-2,5	C	EPDM	100
		**UT-34**	1,0-2,0	C	EPDM PVC	100
		**UT-37**	0,8-2,5	C	EPDM	50
		**UT-37.1**	2,0	C	EPDM	50
		**UT-57A**	2,0	C	EPDM	50

C - black, **B** - white, **S** - gray, **SJ** - bright gray , **SC** - dark gray

- EPDM **- PVC**

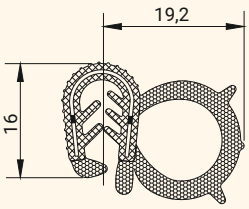
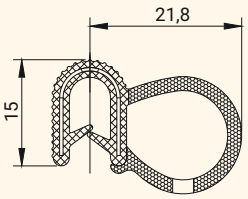
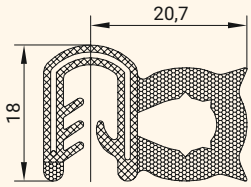
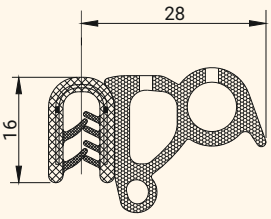
Gasketing profiles

	Design (section of gasket)	Code	Clamping range [mm]	Colour	Material	Sales unit [m]
		**UT-8**	1,0-4,0	C	EPDM	25
		**UT-8.2**	1,5-3,0	C	EPDM	25
		**UT-8.3**	1,0-4,0	C	EPDM PVC	50
		**UT-8.4**	1,5-3,0	C	EPDM	50
		**UT-8.5**	2,0-5,0	C	EPDM PVC	50

C - black, **B** - white, **S** - gray, **SJ** - bright gray , **SC** - dark gray

- EPDM **- PVC**

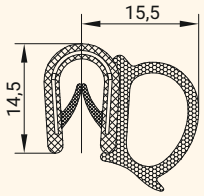
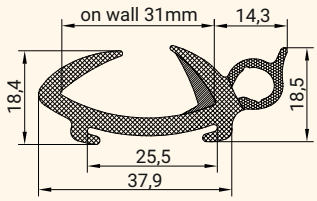
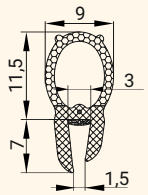
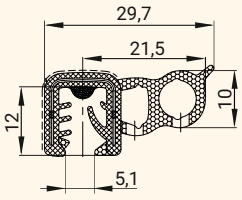
Gasketing profiles

	Design (section of gasket)	Code	Clamping range [mm]	Colour	Material	Sales unit [m]
		**UT-8.6.4**	2,0-4,0	C	EPDM	25
		UT-8.6.6	4,0-6,0	C	EPDM	25
		**UT-8.7**	1,0-3,5	C	EPDM	25
		**UT-8.8**	3,5-5,0	C	EPDM	3000
		**UT-9.2**	1,0-2,5	C	EPDM PVC	50
		UT-9.4	2,5-4,0	C	EPDM PVC	50
		UT-9.6	4,0-6,0	C	EPDM PCV	50

C - black, **B** - white, **S** - gray, **SJ** - bright gray , **SC** - dark gray

- EPDM **- PVC**

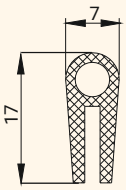
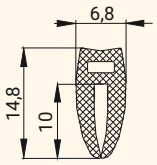
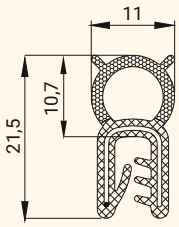
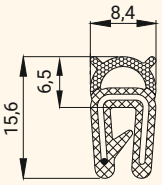
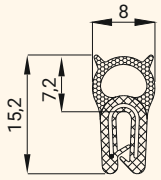
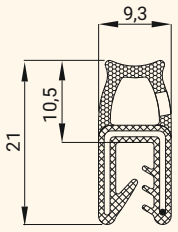
Gasketing profiles

	Design (section of gasket)	Code	Clamping range [mm]	Colour	Material	Sales unit [m]
		*** UT-70**	1,0-4,0	C	EPDM	50
		**UTB-1**	-	C	EPDM	100
		**UTB-2**	1,5	C	EPDM	5000
		**UTB-9**	5,0-6,0	C	EPDM	100

C - black, **B** - white, **S** - gray, **SJ** - bright gray , **SC** - dark gray * Time of delivery 5-6 weeks

- EPDM **- PVC**

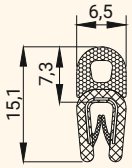
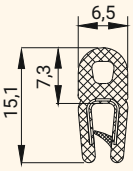
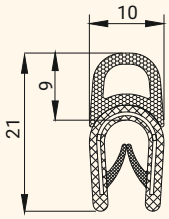
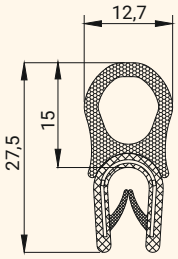
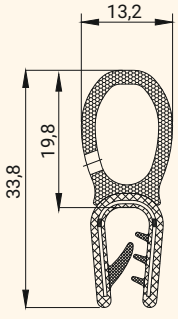
Gasketing profiles

	Design (section of gasket)	Code	Clamping range [mm]	Colour	Material	Sales unit [m]
		**UT-26A**	2,0-3,0	C	EPDM	100
		**UT-27**	1,8	C	EPDM	50
		**UT-32**	1,0-3,0	C	EPDM	50
		**UT-38**	1,0-2,0	C	EPDM	50
		**UT-42**	0,5-1,5	C	EPDM	50
		**UT-51**	1,0-3,0	C	EPDM	50

C - black, **B** - white, **S** - gray, **SJ** - bright gray , **SC** - dark gray

- EPDM **- PVC**

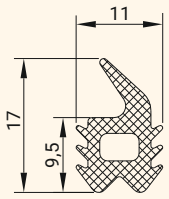
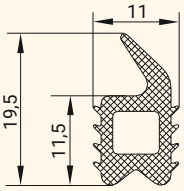
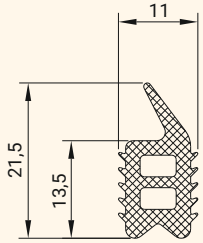
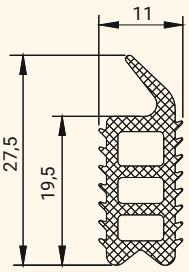
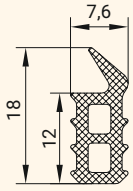
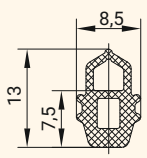
Gasketing profiles

	Design (section of gasket)	Code	Clamping range [mm]	Colour	Material	Sales unit [m]
		**UT-43**	1,0-2,0	C	EPDM PVC	100
		**UT-43B**	1,0-2,0	C	EPDM	102
		**UT-43.3**	1,0-4,0	C	EPDM PVC	50
		**UT-43.4**	1,0-4,0	C	EPDM PVC	50
		**UT-43.5.2**	1,0-2,5	C	EPDM PVC	50
		UT-43.5.4	2,0-4,0	C	EPDM PVC	50
		UT-43.5.6	4,0-6,0	C	EPDM PVC	50

C - black, **B** - white, **S** - gray, **SJ** - bright gray , **SC** - dark gray

- EPDM **- PVC**

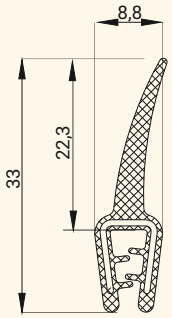
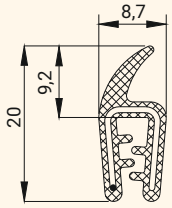
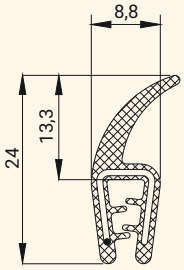
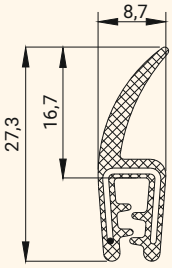
Gasketing profiles

	Design (section of gasket)	Code	Clamping range [mm]	Colour	Material	Sales unit [m]
		**UT-7**	-	C	PVC	7x20m
		**UT-7.1**	-	C	PVC	7x20m
		**UT-7.2**	-	C	PVC	7x20m
		**UT-7.3**	-	C	PVC	5x20m
		**UT-7.4**	-	C	EPDM	100
		**UT-7.5**	-	C	EPDM	1500

C - black, **B** - white, **S** - gray, **SJ** - bright gray , **SC** - dark gray

- EPDM **- PVC**

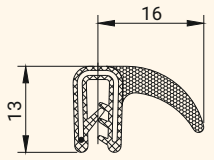
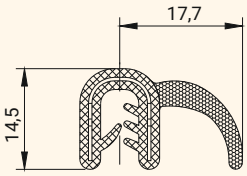
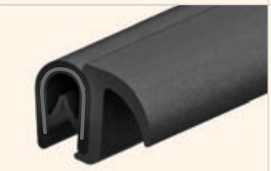
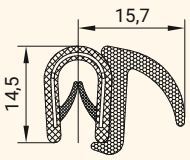
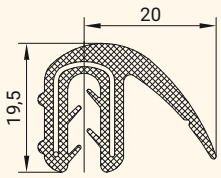
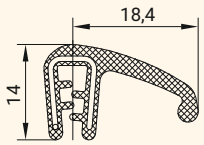
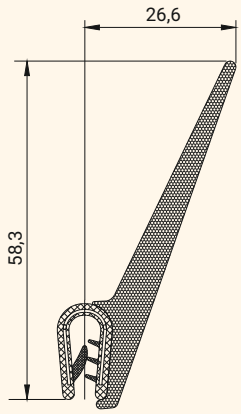
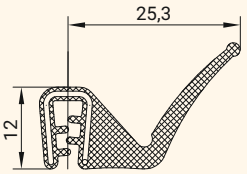
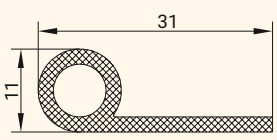
Gasketing profiles

	Design (section of gasket)	Code	Clamping range [mm]	Colour	Material	Sales unit [m]
		**UT-80**	1,0-3,0	C	EPDM	50
		**UT-80.2**	1,0-2,0	C	EPDM	100
		**UT-80.3**	1,0-2,5	C	EPDM	100
		**UT-80.4**	1,0-3,0	C	EPDM	100

C - black, **B** - white, **S** - gray, **SJ** - bright gray , **SC** - dark gray

- EPDM **- PVC**

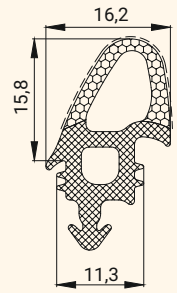
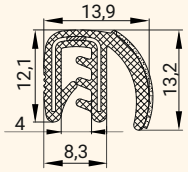
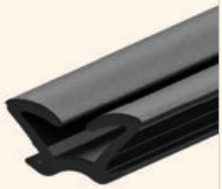
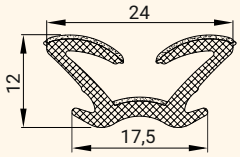
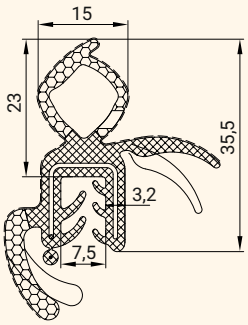
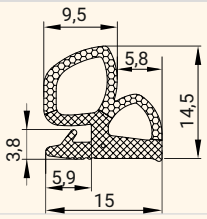
Gasketing profiles

	Design (section of gasket)	Code	Clamping range [mm]	Colour	Material	Sales unit [m]
		**UT-81.1**	1,0-2,0	C	EPDM PVC	100
		**UT-81.2**	1,25-2,0	C	EPDM PVC	100
		**UT-81.3**	1,0-4,0	C	EPDM	50
		**UT-81.4**	1,0-3,5	C	EPDM	2500
		**UT-81.5**	1,0-2,5	C	EPDM	100
		**UT-82.2**	1,0-2,5	C	EPDM PVC	25
		UT-82.4	2,0-4,0	C	EPDM PVC	25
		UT-82.6	4,0-6,0	C	EPDM PVC	25
		**UT-83**	1,0-2,5	C	EPDM	3000
		**UTP-137**	-	C	EPDM	100

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- EPDM **- PVC**

Gasketing profiles

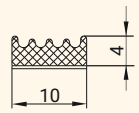
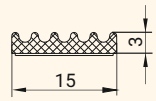
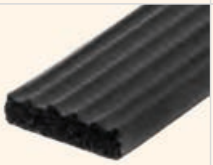
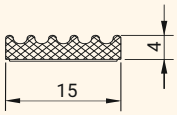
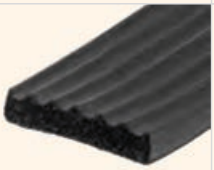
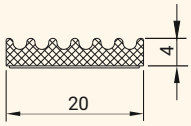
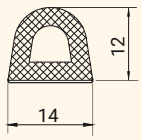
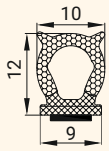
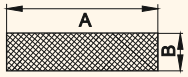
	Design (section of gasket)	Code	Clamping range [mm]	Colour	Material	Sales unit [m]
		*** UTG-2**	-	C	EPDM	100
		*** UTF-1**	1,0-2,5	C	EPDM	100
		*** UTF-2**	-	C	EPDM	100
		*** UTGF-1**	2,5-5,0	C	EPDM	100
		*** UTGF-2**	-	C	EPDM	100

C - black, **B** - white, **S** - gray, **SJ** - bright gray , **SC** - dark gray

- EPDM **- PVC**

* Time of delivery 5-6 weeks

Self-Adhesive Profile

	Design (section of gasket)	Code	Clamping range [mm]	Colour	Material	Sales unit [m]
		**USRE-10.04**	-	C	EPDM	125
		**USRE-15.03**	-	C	EPDM	100
		**USRE-15.04**	-	C	EPDM	100
		**USRE-20.04**	-	C	EPDM	50
		**USDE-14.12**	-	C	EPDM	40
		*** UTK-10.12**	-	C	EPDM	3000
						

No of gasket	A width [mm]	B height [mm]	Colour	Material	Sales unit [m]
USPE-05.03	5	3	C	EPDM	10
USPE-08.02	8	2			20
USPE-08.03	8	3			20
USPE-10.02	10	2			20
USPE-10.03	10	3			20
USPE-10.04	10	4			20
USPE-10.05	10	5			10
USPE-12.03	12	3			10
USPE-12.04	12	4			10
USPE-15.03	15	3			20
USPE-15.04	15	4			10
USPE-16.08	16	8			10
USPE-18.05	18	5			20
USPE-20.03	20	3			20
USPE-20.05	20	5			20

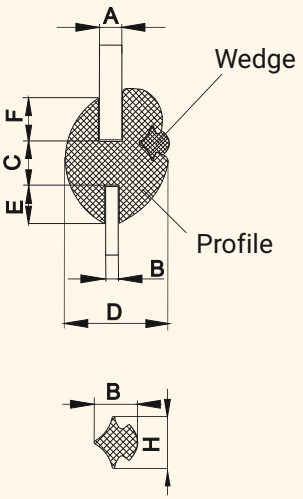
C - black, **B** - white, **S** - gray, **SJ** - bright gray , **SC** - dark gray *

- EPDM **- PVC**

Time of delivery 5-6 weeks

Assembly profile

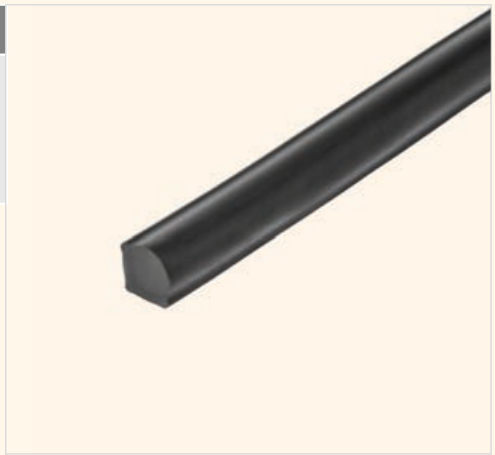




Code	A	B	C	D	E	F	Sales unit [m]	Wedge	Material
US-838	3	1	4	11.6	4.5	6	20	**US-328**	EPDM
US-838.2	3	2	4	10.2	3	3	50	**US-328.1**	
US-838.3	4	1.5	4	13.6	5	6	25	**US-328**	
US-838.4	4	2	7.3	18	11	8.7	15	**US-328.2**	
US-838.5	4	3	4	12.6	5	6	25	**US-328**	
US-838.6	4	3	7	16	7	7	20	**US-328.2**	
US-838.7	4.5	5	7	16	7	7	20	**US-328.2**	
US-838.8	5	2	5	15	6	6	50	**US-328.2**	
US-838.9	5	3	7	19	8	8	20	**US-328.2**	
US-838.10	6	2.5	7	19	8	8	20	**US-328.2**	

Wedge	H	B	Material	Colour
US-328	7,0	6,0	EPDM	C
US-328.1	5,5	4,5		
US-328.2	9,5	7,5		

Notice:
Strengthening frame profile should be ordered with the wedge. * wedge fixing tools to order with the manufacturer

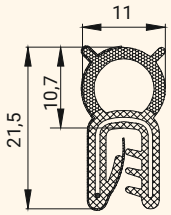
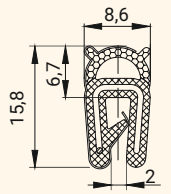
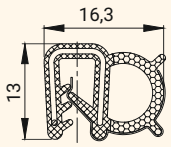
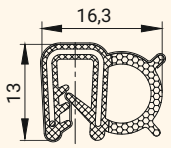
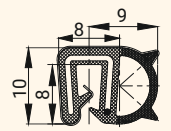
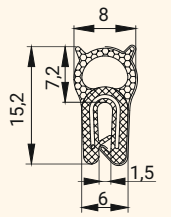


C - black, **B** - white, **S** - gray, **SJ** - bright gray , **SC** - dark gray

- EPDM **- PVC**

EMV gasketing material

Sealing profiles with shielding electromagnetic interference / RFI signals.

	Design (section of gasket)	Code	Clamping range [mm]	Colour	Material	Sales unit [m]
		* UT-32.EMV	1,0-3,0	C	EPDM*	100
		* UT-38.EMV	1,0-2,0	C	EPDM*	100
		* UT-57A.EMV	2,0	C	EPDM*	100
		* UT-57B.EMV	2,0	C	EPDM*	100
		* UT-33.3.EMV	1,0-2,5	C	EPDM*	100
		* UT-42.EMV	0,5-1,5	C	EPDM*	100

* Soft-sponge rubber with conductive overall coating and steel spring core.

C - black, **B** - white, **S** - gray, **SJ** - bright gray , **SC** - dark gray

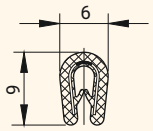
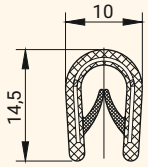
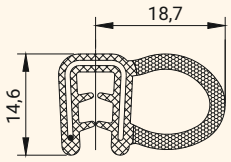
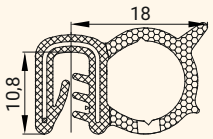
- EPDM **- PVC**

* Time of delivery 5-6 weeks

Sealing profiles from UR group meets railway norm EN 45545-2

Sealing profiles from UR group meets railway norm EN 45545-2

solid rubber (50,60,70 Shore A), classification R22/R23 HL3
sponge rubber (density 0,8 g / cm3), classification R22/R23 HL2

	Design (section of gasket)	Code	Clamping range [mm]	Colour	Material	Sales unit [m]
		* **UR-4.9.01**	1,0-2,0	C	PVC	100
		* **UR-4.4.01**	1,0-4,0	C	PVC	100
		* **UR-8.2**	1,5-3,0	C	EPDM	100
		* **UR-8.8**	1,0-3,0	C	PVC	100

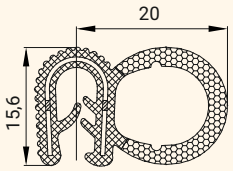
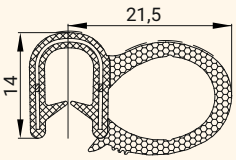
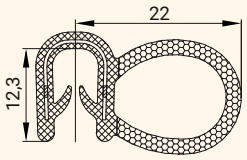
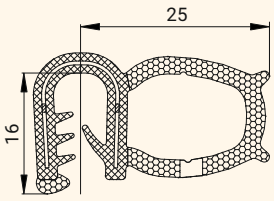
C - black, **B** - white, **S** - gray, **SJ** - bright gray , **SC** - dark gray
* Time of delivery 5-6 weeks

- EPDM **- PVC**

Sealing profiles from UR group meets railway norm EN 45545-2

Sealing profiles from UR group meets railway norm EN 45545-2

solid rubber (50,60,70 Shore A), classification R22/R23 HL3
sponge rubber (density 0,8 g / cm3), classification R22/R23 HL2

	Design (section of gasket)	Code	Clamping range [mm]	Colour	Material	Sales unit [m]
		* **UR-8.9**	2,0-3,5	C	PVC	100
		* **UR-8.10**	1,0-4,0	C	PVC	100
		* **UR-8.11**	1,0-4,0	C	PVC	100
		* **UR-8.12**	3,0-4,5	C	PVC	On request

C - black, **B** - white, **S** - gray, **SJ** - bright gray , **SC** - dark gray

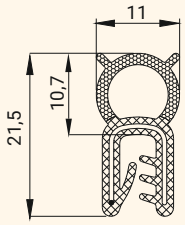
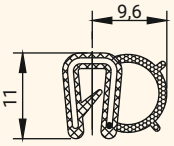
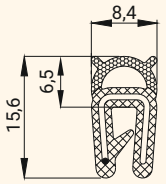
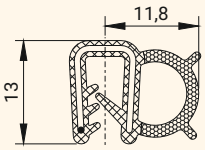
- EPDM **- PVC**

* Time of delivery 5-6 weeks

Sealing profiles from UR group meets railway norm EN 45545-2

Sealing profiles from UR group meets railway norm EN 45545-2

solid rubber (50,60,70 Shore A), classification R22/R23 HL3
sponge rubber (density 0,8 g / cm3), classification R22/R23 HL2

	Design (section of gasket)	Code	Clamping range [mm]	Colour	Material	Sales unit [m]
		* **UR-32**	1,0-3,0	C	EPDM	100
		* **UR-33.2**	1,0-2,0	C	EPDM	100
		* **UR-38**	1,0-2,0	C	EPDM	100
		* **UR-57A**	2,0	C	EPDM	100

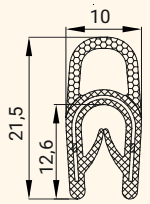
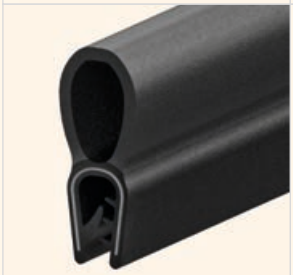
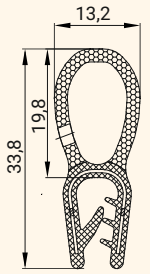
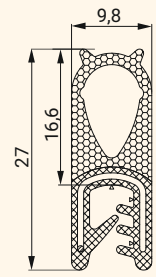
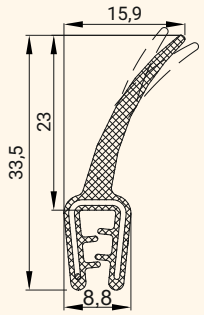
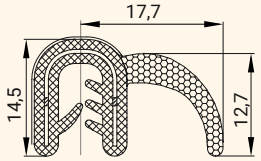
C - black, **B** - white, **S** - gray, **SJ** - bright gray , **SC** - dark gray
* Time of delivery 5-6 weeks

- EPDM **- PVC**

Sealing profiles from UR group meets railway norm EN 45545-2

Sealing profiles from UR group meets railway norm EN 45545-2

solid rubber (50,60,70 Shore A), classification R22/R23 HL3
sponge rubber (density 0,8 g / cm3), classification R22/R23 HL2

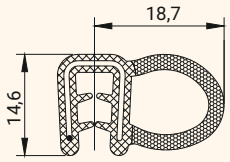
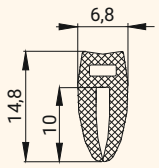
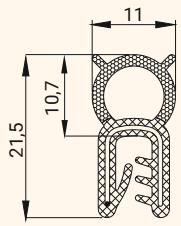
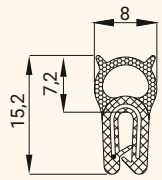
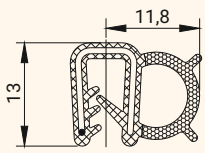
	Design (section of gasket)	Code	Clamping range [mm]	Colour	Material	Sales unit [m]
		* **UR-43.3**	1,0-4,0	C	PVC	On request
		* **UR-43.5**	1,5-3,0	C	PVC	On request
		* **UR-43.6**	2,0-4,0	C	EPDM	100
		* **UR-80.5**	1,0-2,0	C	PVC	On request
		* **UR-81.3**	1,25-2,0	C	PVC	On request

C - black, **B** - white, **S** - gray, **SJ** - bright gray , **SC** - dark gray
Time of delivery 5-6 weeks

- EPDM **- PVC**

Sealing profiles according to VDI 6022

VDI 6022 - standard defining hygienic requirements for air handling units and air-conditioning units

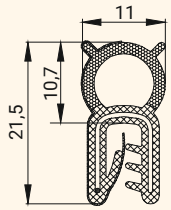
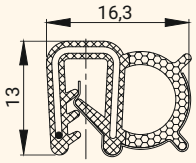
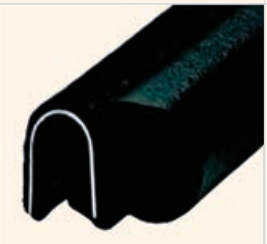
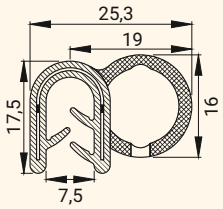
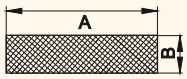
	Design (section of gasket)	Code	Clamping range [mm]	Colour	Material	Sales unit [m]
		* **UT-8.2.VDI**	1,5-3,0	C	EPDM	25
		* **UT-27.VDI**	1,8	C	EPDM	50
		* **UT-32.VDI**	1,0-3,0	C	EPDM	50
		* **UT-42.VDI**	0,5-1,5	C	EPDM	50
		* **UT-57A.VDI**	2,0	C	EPDM	50

C - black, **B** - white, **S** - gray, **SJ** - bright gray , **SC** - dark gray

- EPDM **- PVC**

* Time of delivery 5-6 weeks

NBR oil-resistant sealing profiles

	Design (section of gasket)	Code	Clamping range [mm]	Colour	Material	Sales unit [m]
		* UT-32.NBR	1,0 - 3,0	C	NBR	100
		* UT-57A.NBR	1,0 - 3,0	C	NBR	100
		* UT-10.4.NBR	1,0 - 3,0	C	NBR	100
						

No of gasket	A width [mm]	B height [mm]			
* USPE-15.03.NBR	15	3		NBR	100
* USPE-15.04.NBR	15	4			

* Soft-sponge rubber with conductive overall coating and steel spring core.
C - black, **B** - white, **S** - gray, **SJ** - bright gray , **SC** - dark gray
* Time of delivery 5-6 weeks

- EPDM **- PVC**

Sealing profiles
Ready-made frame, o-ring

Bonding technologies for sealing profiles

Glueing [G]

- joining of profiles in the shape of frames or o-rings
- an economical method of joining profiles while maintaining the required strength and durability of the bond



Film vulcanization [V]

- strengthening of profile ends by film vulcanisation
- the whole process ensures a durable and resistant bond

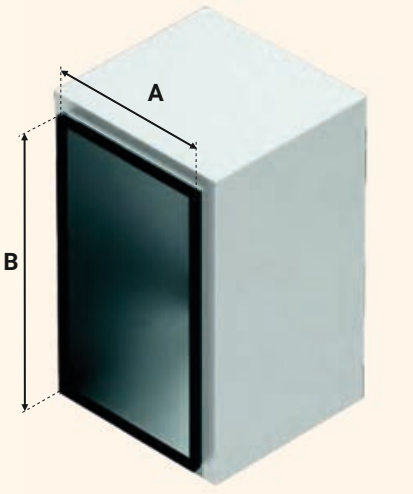


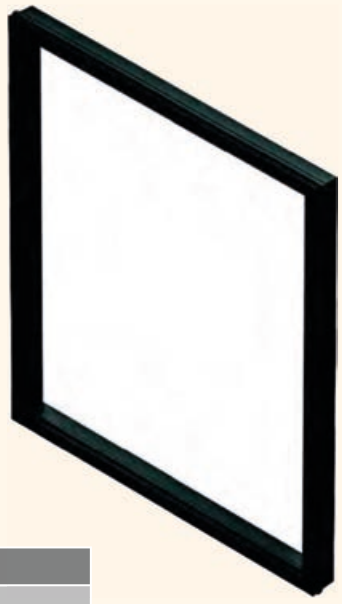
Injection molding [M]

- durable joining method
- bonding of two different sections by injection moulding
- high degree of joint tightness



Sealing profiles
Ready-made frame, o-ring





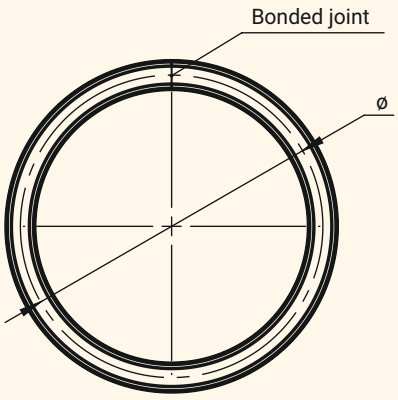
Bonding technologies for sealing profiles - Frame		
[G]	[V]	[M]
Glueing	Film vulcanization	Injection molding

How to order:

UT42	—	40	—	50	—	V

Gasket type
Width [A]
Length [B]
Bonding technology [G, V, M]

Select the type of gasket according to the catalogue of products from pages 6-1 to 6-23





Bonding technologies for sealing profiles o-ring		
[G]	[V]	[M]
Glueing	Film vulcanization	Injection molding

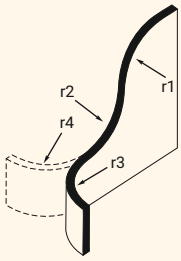
How to order:

UT42	—	60	—	V

Gasket type
O-ring diameter [ø]
Bonding technology [G, V, M]

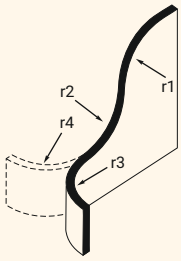
Select the type of gasket according to the catalogue of products from pages 6-1 to 6-23

Minimum bending radii of the seal



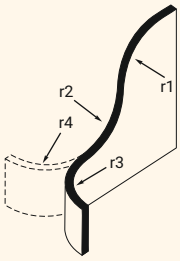
Gasket No.	Width edge [mm]	r1	r2	r3	r4
UT-4 UT-4.2	1,0-4,0	30	20	20	20
UT-4.3.01	1,0-1,5	10	10	10	10
UT-4.3.02	1,0-2,0	15	15	10	10
UT-4.3.06	1,0-2,0	15	15	10	10
UT-4.4.01	1,0-2,0	15	15	10	10
UT-4.4.02	1,0-4,0	30	30	20	20
UT-4.4.04	1,0-4,0	30	20	20	20
UT-4.4.05	1,0-4,0	-	-	-	-
UT-4.5.2	1,0-4,0	30	20	20	20
UT-4.5.4	1,0-2,5	50	40	30	30
UT-4.5.6	2,0-4,0	50	40	30	30
UT-4.6	4,0-6,0	50	40	30	30
UT-4.7	1,0-4,0	40	30	20	20
UT-4.8.2	2,0-5,0	40	40	20	20
UT-4.8.4	1,0-2,5	20	20	15	15
UT-4.9.01	2,0-4,0	20	20	15	15
UT-4.9.02	1,0-2,0	10	10	10	10
UT-4.9.03	1,0-2,0	10	10	10	10
UT-4.10.2	1,0-2,0	10	10	10	10
UT-3.8	2,0-4,0	50	40	30	30
UT-3.10	6,0-8,0	40	40	40	40
UT-2 UT-5	8,0-10,0	40	40	40	40
UT-5.1	1,7-2,3	-	-	-	-
UT-5.2	2	40	10	40	40
UT-5.3	3	110	30	30	30
UT-5.4	1,5	80	10	15	15
UT-5.5	5	70	40	40	40
UT-5.6	4	-	-	-	-
UT-5.7	5	-	-	-	-
UT-30.1	6,5	-	-	-	-
UT-30.4	3	240	70	20	20
UT-30.2	1,0-2,5	100	180	25	25
UT-35	2,0-4,0	100	180	25	25
UT-35.1	1,0-3,0	80	300	30	40
UT-31	1,0-2,5	100	200	100	60
UT-31.2	1,0-3,0	50	60	20	20
UT-33.2	1,0-4,0	50	150	50	50
UT-33.3	1,0-4,0	50	150	50	50
UT-33.4	1,0-2,0	60	50	80	100
UT-34 UT-37	1,0-2,5	50	40	150	20
UT-37.1	1,0-2,5	30	30	85	50
UT-57A UT-8	1,0-2,0	20	15	30	50
	0,8-2,5	40	40	100	60
	2	30	40	30	60
	2	-	-	-	-
	1,0-4,0	80	150	-	-

Minimum bending radii of the seal



Gasket No.	Width edge [mm]	r1	r2	r3	r4
UT-8.2	1,5-3,0	80	60	200	80
UT-8.3	1,0-4,0	-	-	-	-
UT-8.4	1,5-3,0	40	30	40	180
UT-8.5	2,0-5,0	50	40	100	100
UT-8.6.4	2,0-4,0	80	120	-	-
UT-8.6.6	4,0-6,0	80	120	-	-
UT-8.7	1,0-3,5	200	80	200	200
UT-8.8	3,5-5,0	80	150	-	-
UT-9.2	1,0-2,5	80	80	140	50
UT-9.4	2,5-4,0	80	80	140	140
UT-9.6	4,0-6,0	80	80	140	140
UT-10.3	6	-	-	-	-
UT-70	1,0-4,0	50	40	100	100
UTB-1	-	-	-	-	-
UTB-2	1,5	-	-	-	-
UTB-9	5,0-6,0	-	-	-	-
UT-26A	2,0-3,0	50	35	15	15
UT-27	1,8	50	20	20	20
UT-32	1,0-3,0	50	180	30	30
UT-38	1,0-2,0	50	60	20	20
UT-42	0,5-1,5	50	80	25	25
UT-51	1,0-3,0	50	200	25	25
UT-43	1,0-2,0	20	40	10	10
UT-43B	1,0-2,0	20	50	20	20
UT-43.3	1,0-4,0	70	80	15	15
UT-43.4	1,0-4,0	60	80	20	20
UT-43.5.2	1,0-2,5	80	100	20	20
UT-43.5.4	2,0-4,0	80	100	20	20
UT-43.5.6	4,0-6,0	80	100	20	20
UT-7	-	80	300	30	60
UT-7.1	-	80	290	30	60
UT-7.2	-	-	-	-	-
UT-7.3	-	-	-	-	-
UT-7.4	-	-	-	-	-
UT-7.5	-	-	-	-	-
UT-80	1,0-3,0	150	250	20	20
UT-80.2	1,0-2,0	60	250	20	20
UT-80.3	1,0-2,5	60	200	25	70
UT-80.4	1.0-3,0	80	250	60	25
USRE-10.04	-	-	-	-	-
USRE-15.03	-	-	-	-	-
USRE-15.04	-	-	-	-	-
USRE-20.04	-	-	-	-	-
USDE-14.12	-	-	-	-	-
UTK-10.11	-	-	-	-	-
UTK-10.12	-	-	-	-	-

Minimum bending radii of the seal



Gasket No.	Width edge [mm]	r1	r2	r3	r4
USDE-15.15	-	-	-	-	-
USPE	-	-	-	-	-
UT-81.1	1,0-2,0	250	20	-	60
UT-81.2	1,25-2,0	60	30	110	220
UT-81.3	1,0-4,0	-	-	-	-
UT-81.4	1,0-3,5	-	-	-	-
UT-81.5	1,0-2,5	-	-	-	-
UT-82.2	1,0-2,5	80	-	120	120
UT-82.4	2,0-4,0	80	-	120	120
UT-82.6	4,0-6,0	-	-	-	-
UT-83	1,0-2,5	-	-	-	-
UTP-137	-	50	30	-	-
UTG-1	3,0-4,5	-	-	-	-
UTG-2	-	-	-	-	-
UTF-1	1,0-2,5	-	-	-	-
UTF-2	-	-	-	-	-
UTGF-1	2,5-5,0	-	-	-	-
UTGF-2	-	-	-	-	-
UT-32.EMV	1,0-3,0	50	180	30	30
UT-38.EMV	1,0-2,0	-	-	-	-
UT-57A.EMV	2	-	-	-	-
UT-57B.EMV	2	-	-	-	-
UT-33.3.EMV	1,0-2,5	20	50	60	20
UT-42.EMV	0,5-1,5	-	-	-	-
UR-4.9.01	1,0-2,0	15	15	10	10
UR-4.4.01	1,0-4,0	30	20	20	20
UR-8.2	1,5-3,0	50	40	120	100
UR-8.8	1,0-3,0	-	-	-	-
UR-8.9	2,0-3,5	-	-	-	-
UR-8.10	1,0-4,0	-	-	-	-
UR-8.11	1,0-4,0	-	-	-	-
UR-8.12	3.0-4,5	-	-	-	-
UR-32	1,0-3,0	50	180	30	30
UR-33.2	1,0-2,0	60	50	100	80
UR-38	1,0-2,0	60	120	20	20
UR-57A	2	50	20	40	120
UR-43.3	1,0-4,0	-	-	-	-
UR-43,5	1,5-3,0	-	-	-	-
UR-43.6	2,0-4,0	40	30	40	180
UR-80.5	1,0-2,0	-	-	-	-
UR-81.3	1,25-2,0	-	-	-	-
UT-8.2.VDI	1,5-3,0	-	-	-	-
UT-27.VDI	1,8	-	-	-	-
UT-32.VDI	1,0-3,0	-	-	-	-
UT-42.VDI	0,5-1,5	-	-	-	-
UT-57A.VDI	2	-	-	-	-



07

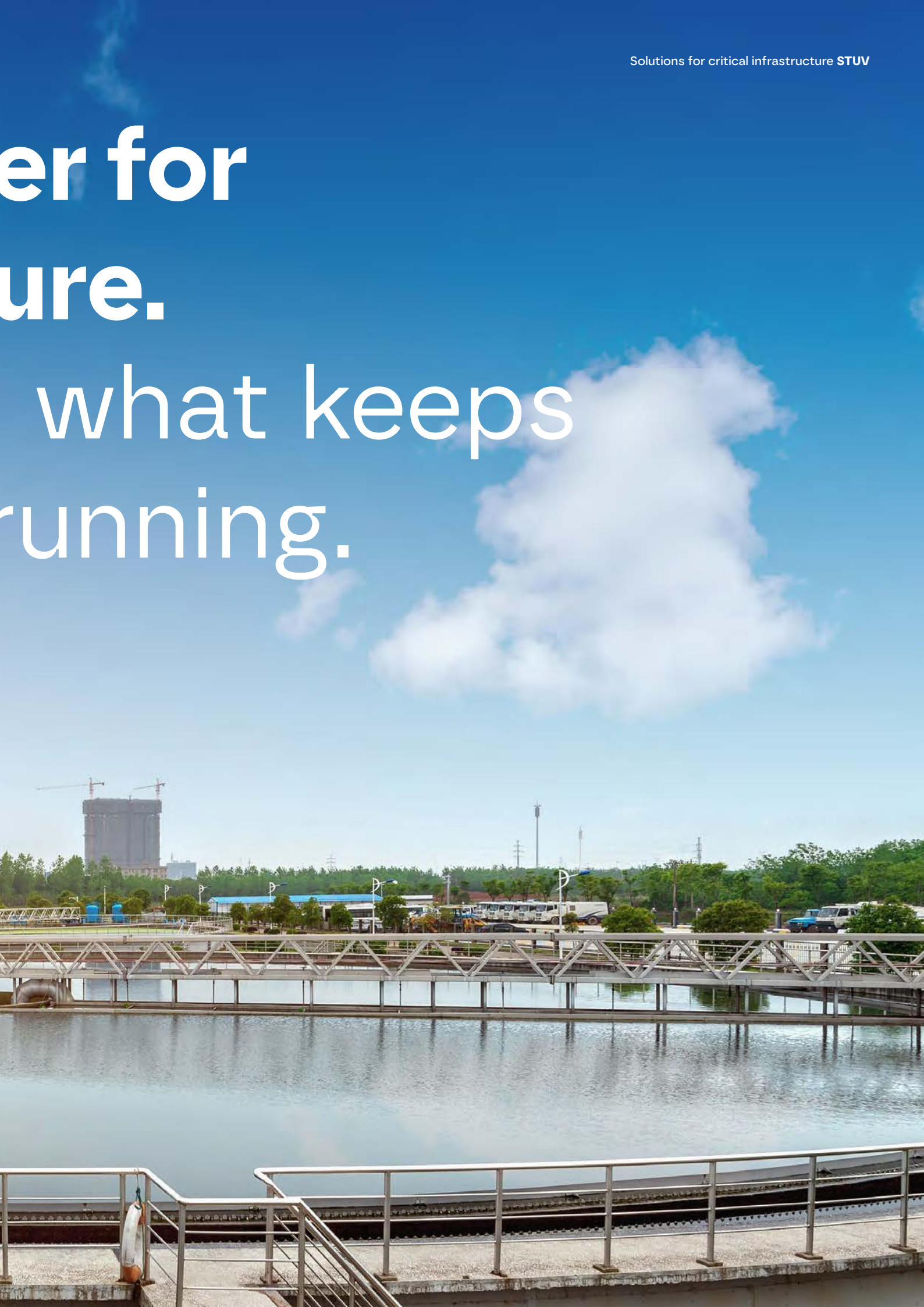
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The security partn
critical infrastructu
PYLOCX® protects
modern societies

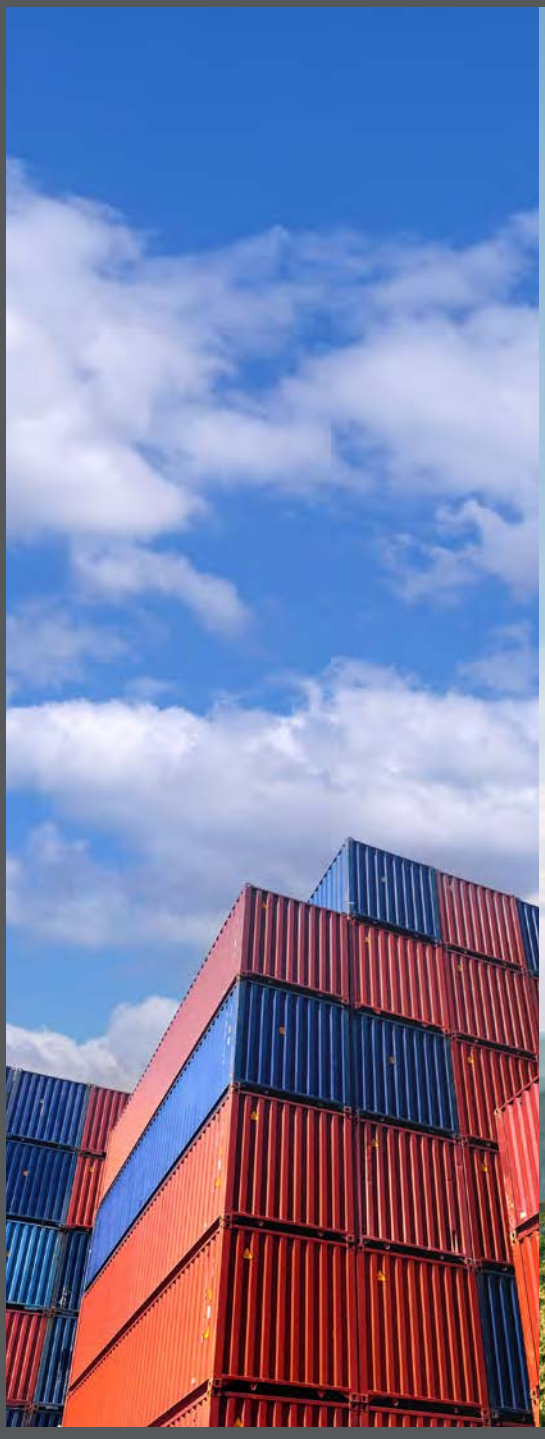


er for ure.

what keeps running.



Smart access control for companies, institutions and utilities that want to play it safe!









No matter what you want to secure – no matter where you plan to use it. We will find the right solution.

PYLOCX® provides reliable security where access is critical – whether at wind turbines, container doors with valuable cargo or shaft access points to drinking water wells. The system offers a smart, flexible and future-proof solution for all areas of application.

With PYLOCX®, you can meet the highest data protection requirements, maintain access to sensitive areas even in the event of power or mobile phone failures, and effectively protect your sites against tampering and sabotage. This means you are well prepared for upcoming legal requirements.

Worries about lost keys and maintenance costs are a thing of the past: the battery-free PYLOCX® system with unique access codes reduces administrative effort, increases data sovereignty and ensures maximum security – without compromise.

More than certain.

PYLOCX® is the smart access control system for the highest security standards.



PYLOCX® cylinder
Contact point for the PYKEY®

PYLOCX® grants secure access to sensitive areas – with GDPR-compliant one-time codes.

The PYLOCX® locking system stands for maximum security and state-of-the-art technology. VdS-certified and developed in collaboration with the German Federal Office for Information Security (BSI), it offers reliable protection even under extreme conditions. As the system does not require any power supply in the lock,
PYLOCX® remains fully operational even in the event of a blackout – for uncompromising security, anytime, anywhere.

Your advantages

Maximum security
Instead of vulnerable RFID technology, PYLOCX® uses a secure one-time code procedure – even if the key is lost, access remains protected.

Audit-proof documentation
Openings are logged in real time – ideally prepared for the upcoming documentation requirements of the KRITIS umbrella law.

Battery-free and low-maintenance
No batteries, no service calls. Particularly valuable in hard-to-reach locations..

Flexible use
Whether for well shafts, transformer stations or security doors – PYLOCX® offers tailor-made solutions and is retrofit-compatible. This saves conversion costs.

Future-proof compliance
PYLOCX® already meets the requirements of the KRITIS umbrella law and the NIS2 directive.

Learn more about
PYLOCX® products.

Future-proof locking systems – the 10 success factors of PYLOCX®



Vandalism protection
No protruding parts that can be kicked or knocked off.



High security
Certified physical and cyber security to the highest standards.



Durable and robust
Tested for operational reliability even in the harshest environmental conditions.



Data protection compliant
GDPR-compliant data storage through local data hosting and optional anonymous key management.



Battery-free
No batteries in the lock. Independent of power supply and always ready for use.



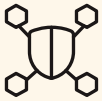
Easy to use
No need to use company smartphones or apps. The management software is intuitive to use.



Online functionality
Assign and revoke access rights in real time.
Complete logging of opening processes.



Cost transparency
Low operating and maintenance costs.
Rental instead of purchase also possible.



Customised
One system for all applications – also available as a tailor-made solution for your individual location and specific requirements on request.



Everything from a single source
STUV supports you from on-site integration to training and video tutorials to complete system conversion – including a replacement guarantee.



PYLOCX® Swing-handle lock

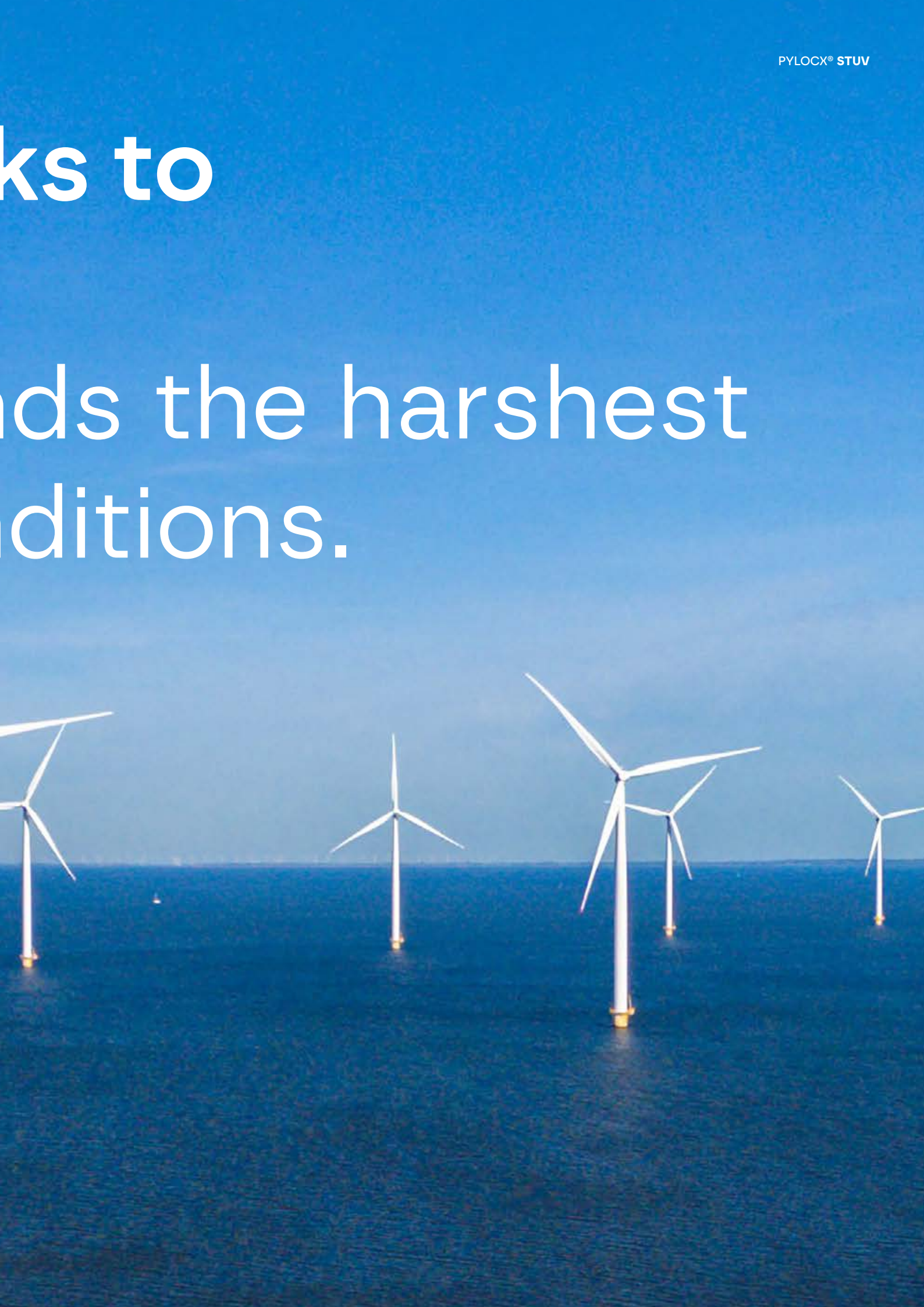
From offshore parl
the Zugspitze.

PYLOCX® withstan
environmental con



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Who, when, where – PYLOCX® provides the answer in real time.

Smart Access Solution – reimagined.

PYLOCX is smart because it combines classic security technology with digital intelligence. The system thinks for itself and makes access management efficient, secure and transparent – without any complex hardware, network connections or apps.



The management software – available either on-premises or cloud-based – makes it easy to create users and user groups, assign permissions and revoke them again. Every access is documented seamlessly, without the need for a permanent data connection.

PYLOCX® thus combines the high security of an offline system with the advantages of intelligent, digital access management. The system works without an app or mobile device – simply, securely and efficiently. At the same time, PYLOCX® already meets the requirements of upcoming directives such as KRITIS-DG and NIS2.



PYLOCX®
How it works, step by step

1

Enter code

Access via secure one-time codes = no more blacklisting!

The authorised person enters the 8-10 digit one-time code, which was previously generated using a secret algorithm from 1:10 billion combinations.

Also available with a fixed code on request.

2

PYKEY® put on

Battery-free locking mechanism = no more deadlocks!

The authorised person goes to the lock with the PYKEY®. They place the magnetic PYKEY® on the contact point made of robust stainless steel.

PYLOCX® does not use radio or RFID technology to transmit the code and is therefore extremely secure against cyber attacks.

3

Open

Opening/closing is logged seamlessly and in real time!

The authorised person opens the lock and can then close it again quickly and easily without having to enter any further codes.







Closes anytime, an
PYLOCX® operates
without batteries.



nywhere.

s



Upgrade security.
We‘ll make it fit.



Retrofit at STUV
The retrofit concept is at the heart of the PYLOCX product family. Existing infrastructures do not need to be extensively rebuilt or replaced to ensure maximum security.

Instead, the locking systems can be seamlessly integrated into existing systems – quickly, efficiently and without additional effort. PYLOCX solutions thus enable modern, digital access control based on the existing structure.

Operators benefit from cost-effective retrofitting that protects their investments while meeting the requirements of modern KRITIS security standards.



Easy conversion of Swing-handle locks

1. Conversion in 2 minutes
2. Easy cylinder replacement
3. PYLOCX cylinders compatible with many manufacturers









Discover the world of PYLOCX®.



Safety profile cylinder

PYLOCX® safety profile cylinders are easy to retrofit. Available as Euro profile half cylinders, knob cylinders or double cylinders.



Swing-handle lock

PYLOCX® swing-handle lock, ideal for electrical and distribution boxes, HVAC systems. It is easy to retrofit.



Key safe

PYLOCX® key safe is the secure solution for keys and other valuables. Ideal for storing master keys for technical rooms and lift shafts to ensure access for service technicians, fire brigade and rescue services.



Security fitting

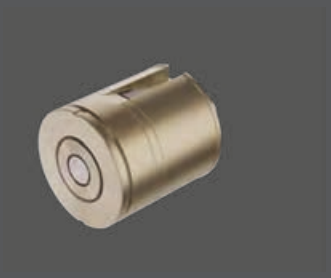
PYLOCX® Security fittings are suitable for indoor and outdoor use. Ideal for fire doors, laboratory doors or server rooms – anywhere where access is strictly controlled.

















Manhole lock

PYLOCX® manhole lock, self-closing locking insert for manhole covers from all common manufacturers. The perfect solution for securing manholes in accordance with KRITIS standards.

Padlock

PYLOCX® padlocks in various sizes and shackle thicknesses. Ideal for securing gates, fences, containers or maintenance hatches.

Container lock

PYLOCX® container lock with adjustable door bar spacing. Ideal for construction, shipping and security containers. Weatherproof and corrosion-resistant.

Security box

Universally applicable transport box for supply chain security with integrated PYLOCX® system. Available in sizes 19l, 42l, 73l, 140l.









Service and advice at STUV.

At STUV, service comes first – reliable, personal and sustainable. Our goal is to offer you not only products, but complete solutions that precisely meet your requirements.

In a non-binding on-site appointment, we will review the technical conditions together. This will allow you to experience PYLOCX live and get an authentic impression of how our products work.

You will also benefit from:

— A 10-year manufacturer‘s warranty on our products, Competent on-site service when quick help is needed,
— Individual training courses to ensure your team is well prepared,
— A service hotline that provides straightforward assistance,
— Personal contact and expert advice to clarify any questions directly.
— Everything from a single source – from planning to support.

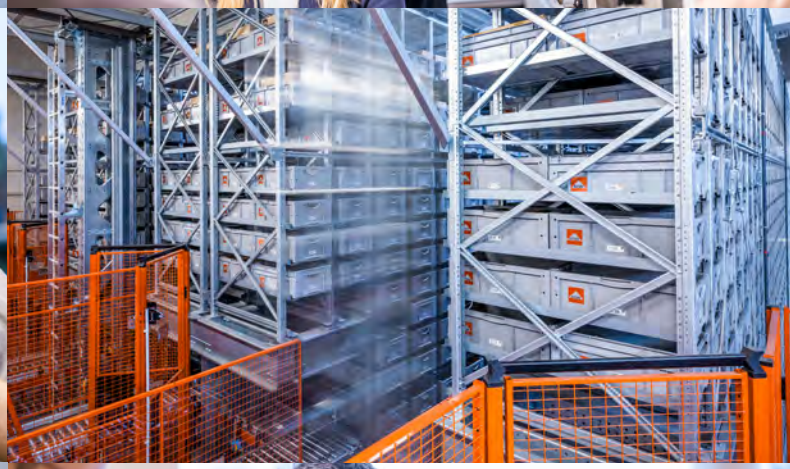
PYLOCX® experience live!

Experience STUV live. Let us work together to find the solution that best suits your requirements. We will demonstrate the technology in action during a no-obligation on-site appointment, allowing you to get a feel for how it works and how it is handled.

Arrange an appointment now without obligation.

T +49 2056 14-0
E sales@stuv.de
www.stuv.info




HyFlex
STUV


KEYENCE






Index

[1A] LOCKING SYSTEMS

Cogwheel mechanism distance 1A-10
Rod strenghtening system 1C.911.001 ..... 1A-9
Cogheel mechanism distance 1C.910.001 ..... 1A-9
Locking system for aluminium profile door 1A-7
Locking system (outside the IP) RW250 ..... 1A-10
Locking system (outside the IP) RW250 ..... 1A-11
Locking systems with space between holes 95/105/130 .... 1A-1
Locking system with holes 50 x 25 ..... 1A-5
Locking system with holes 50 x 25 ..... 1A-6
Locking system with space betw. holes 105/130 int. locks. 1A-2
Locking system with space between holes 50/55 ..... 1A-3
Locking system with space between holes 50/55 ..... 1A-4
Locking system of lock bolt 1A.001.001 ..... 1A-8
Locking system of lock bolt 1A.002.001 ..... 1A-8
Locking system of lock bolt 1A.003.001 ..... 1A-8
Anti-panic lock 1A-12
Anti-panic lock 1B.ZA.001 ..... 1A-13
Anti-panic lock 1B.ZA.002 ..... 1A-14
Anti-panic lock 1B.ZA.003 ..... 1A-15
Anti-panic lock 1B.ZA.004 ..... 1A-16
Anti-panic lock 1B.ZA.005 ..... 1A-17
Anti-panic lock 1B.ZA.006 ..... 1A-18
Anti-panic lock 1B.ZA.007 ..... 1A-19

Anti-panic lock for double wing door

1B.ZA.101 ..... 1A-20
1B.ZA.102 ..... 1A-20
1B.ZA.103 ..... 1A-20
1B.ZA.104 ..... 1A-20

External fitting with handle for anti-panic locks

1B.ZA.201 ..... 1A-21
RS130ZA 1A-22
RS130/UZA 1A-22
RS200ZA 1A-22
RS200/UZA 1A-22

[1B] HANDLES

RS100/T 1B-3
RS100/U 1B-3
RS110 ..... 1B-4
RS130 ..... 1B-9
RS130/U 1B-9
RS135 ..... 1B-9
RS135/U 1B-9
RS140 ..... 1B-9
RS140/U 1B-9
RS140/U 1B-9
RS145 ..... 1B-9
RS145/U 1B-9
RS150 ..... 1B-34
RS150SN 1B-33
RS151.M 1B-44
RS151.N 1B-42
RS152.M 1B-44
RS152.N 1B-42
RS154 ..... 1B-32
RS156 ..... 1B-35
RS161 ..... 1B-38
RS168 ..... 1B-40
RS169 ..... 1B-41
RS170 ..... 1B-41
RS173 ..... 1B-18
RS174 ..... 1B-39
RS175 ..... 1B-39
RS200 ..... 1B-3
RS200/T 1B-3
RS200/U 1B-3
RS210 ..... 1B-4
RS300 ..... 1B-30
RS400 ..... 1B-6
RS400/U 1B-6
RS400W 1B-6
RS400W/U 1B-6
RS420 ..... 1B-6
RS420/U 1B-6
RS430 ..... 1B-7
RS430/U 1B-7
RS500 ..... 1B-6
RS500W 1B-6
RS500W/U 1B-6
RS510 ..... 1B-8
RS520 ..... 1B-6
RS520/U 1B-6
RS530 ..... 1B-7
RS530/U 1B-7
RS600 ..... 1B-17
RS610 ..... 1B-17
RS650 ..... 1B-14
RS700 ..... 1B-19
RS710 ..... 1B-19
RS715 ..... 1B-20
RS716 ..... 1B-20
RS717 ..... 1B-22
RS720 ..... 1B-23
RS730 ..... 1B-21
RS750 ..... 1B-30
RS7 ..... 1B-4
RS800W 1B-4
RS900 ..... 1B-8

Index

RS901 ..... 1B-5
RS950 ..... 1B-37
RS980 ..... 1B-36
Elektronic lock RS-E 1B-10
S100 ..... 1B-3
Electronic lock with rotary mechanism 2.ZME1 ..... 1B-12
Electronic lock with rotary mechanism 2.ZME2 ..... 1B-13

Lock RW

RW100 ..... 1B-45
RW110 ..... 1B-45
RW120 ..... 1B-46
RW125 ..... 1B-46
RW200 ..... 1B-47
RW210 ..... 1B-48
RW400 ..... 1B-23
RW410 ..... 1B-23
RW420 ..... 1B-24
RW425 ..... 1B-24
RW430 ..... 1B-24
RW435 ..... 1B-24
RW500 ..... 1B-47
RW505 ..... 1B-49
RW510 ..... 1B-54
RW515 ..... 1B-53
RW520 ..... 1B-54
RW525 ..... 1B-52

[1C] LOCKING SYSTEMS COMPONENTS

Adapter 1C.903.001 ..... 1C-27
Adapter1C.916 ..... 1C-46
Cam adapter JC-20018/36 ..... 1C-24
Adapter JZN-10027-30 ..... 1C-24
Switch 1C.915.001 ..... 1C-44
Switch 1C.915.001 ..... 1C-45
Quick assembly fastener 1C.921.001 ..... 1C-26

Język

1-point cam without limiter - stainless steel (Group 16) 1 C-12
1-point cam without limiter - steel zinc plated (Gr. 15) 1C-12
1-point cam without limiter 1C-9
1-point cam without limiter J-6000 ..... 1C-21
1-point cam JZ 1C-23
1-point hook cam JK1, JK2 ..... 1C-20
1-point cam stepped JK-1610.01 ..... 1C-21
1-point cam with limiter - stainless steel (Group 13, 14) 1C-11
1-point cam with limiter - stainless steel (Group 17A) 1C-13
1-point cam with limiter - steel zinc plated (Gr. 11, 12) 1C-10
1-point cam with limiter - steel zinc plated (Group 17) 1C-13
1-point cam with limiter 1C-9
2-point cam without limiter (Group 21) 1C-15
3-point cam without limiter (Group 21) 1C-15
3-point cam without limiter 1C-16
3-point cam without limiter - stainless steel (Gr 36) 1C-19
3-point cam without limiter steel zinc plated (Gr. 35) 1C-19
3-point cam with limiter 1C-16
3-point cam with limiter JA, JB, JBN (Gr. 38) 1C-22
3-point cam with limiter - stainless steel (Gr. 33, 34) 1C-18
3-point cam with limiter - steel zinc plated (Gr. 31, 32) 1C-17
Plastic cam without limiter JP (Group 19) 1C-14
Plastic cam with limiter JP2 (Group 18) 1C-14

Rod control

Rod control MZ1 ..... 1C-28
Rod control MZ1 ..... 1C-29
Rod control MZ2 ..... 1C-30
Rod control MZ2 ..... 1C-31
Rod control MZ3 ..... 1C-32
Rod control MZ3 ..... 1C-33
Cap 1C.902 ..... 1C-27
Flat rod with rollers 1C-34
Flat rods 1C-35
Flat rods ver. A 1C-36
Flat rods ver. B 1C-37
Flat rods ver. C 1C-39
Flat rods ver. D 1C-40
Rod Ø6 ..... 1C-4
Rod Ø8 ..... 1C-5
90° corner guide for flat bars 1C-43
Rod guide Ø6 ..... 1C-6
Rodguide Ø8 ..... 1C-6
Rod guide Ø8 1C.906.100 ..... 1C-7
Rod guide P314 ..... 1C-8
Rod guide RW 1C-6
Sliding end cap 1C.920.001 ..... 1C-25
Bushing 1C.901 ..... 1C-27
Grip handle 1C.904 ..... 1C-40 Rod holder 1C.904 ..... 1C-5
Multipoint locking system with one flat bar 1C-41
Multipoint locking system with one flat bar 1C-42
Lock cylinder WRS-B 1C-1
Shape instert WRS-360-X 1C-2
Shape instert WRS-D13 ..... 1C-2
Shape instert WRS-PA 1C-3
Shape instert WRS-X 1C-1
Patent cylinder WRS-P 1C-1
Catch W314-70 ..... 1C-39
CatchW314-90 ..... 1C-3
Catchs W314 ..... 1C-38
Catchs 1C-35

Index

[2A] LOCKS

Information card 2A-2
Explanation of open fields 2A-1
Overview of keys 2A-3
Overview inserts 2A-3
Overview of cylinders with key code 2A-3
Adapter 2.920 ..... 2A-137
Internal handle 1C.DB.002 ..... 2A-91
T-Handle Dust Cover 2.904.010 ..... 2A-90
Locking washer 2.907 ..... 2A-125
Locking washer 2.911 ..... 2A-125
Wing knobs type M 2A-10
Dust cover 2.904 ..... 2A-121
Cover 2.904.020SN 2A-123
Handle for lock 2.905 ..... 2A-122

Handle

Quarter turns and latches

2.501 ..... 2A-116
2.502 ..... 2A-117
2.503 ..... 2A-114
2.504 ..... 2A-111
2.505 ..... 2A-113
2.506 ..... 2A-7
2.507 ..... 2A-118
2.509 ..... 2A-103
2.510 ..... 2A-109
2.510 ..... 2A-110
2.511 ..... 2A-10
2.512 ..... 2A-117
2.515 ..... 2A-106
2.516 with height adjustable cam 2A-104
2.516.002 with fixed height cam 2A-105
2.517 ..... 2A-118
2.520 ..... 2A-114
2.521 ..... 2A-113
2.525 ..... 2A-6
2.526 ..... 2A-95
2.527 ..... 2A-6
2.528 ..... 2A-69
2.529 ..... 2A-36
2.530 ..... 2A-65
2.531 ..... 2A-94
2.532 ..... 2A-94
2.533 ..... 2A-98
2.540 ..... 2A-92
2.541 snap 2A-115
2.542 snap 2A-115
2.544 ..... 2A-95
2.601 ..... 2A-102
2.602 ..... 2A-4
2.603 ..... 2A-77
2.604 ..... 2A-99
2.605 ..... 2A-99
2.606 ..... 2A-97
2.607 ..... 2A-97
2.608 ..... 2A-96
2.609 ..... 2A-96
2.610 ..... 2A-102
2.611 ..... 2A-36
2.612 ..... 2A-36
2.613 ..... 2A-100
2.615 ..... 2A-101
2.616 ..... 2A-78
2.630 ..... 2A-76
2.700 locking flap 2A-119
2.800 ..... 2A-92
2.M19 ..... 2A-75
2.M22SD35 Pressure 2A-53
2.PM with a butterfly handle 2A-79
2.PM with a butterfly handle with shaped insert 2A-80
2.PM with a butterfly handle 2A-83
2.PM18 with a butterfly handle SN 2A-81
2.PMPA with a butterfly handle 2A-79
2.PMPA with a butterfly handle 2A-80
CZ-E1 ..... 2A-45
GE-0100 ..... 2A-46
GE-0101 ..... 2A-46
JZ-3522 with self-locking cam 2A-71
M16 ..... 2A-4
M16/45 ..... 2A-4
M16-19 ..... 2A-5
M16SD22 ..... 2A-63
M19-1 ..... 2A-6
M19DC 2A-70
M19W 2A-34
M22-1 ..... 2A-7
M22-2 ..... 2A-8
M22-3 ..... 2A-9
M22-10 ..... 2A-72
M22-30 ..... 2A-22
M22-40 ..... 2A-23
M22-5 ..... 2A-16
M22-6 snap 2A-72
M22-60 ..... 2A-23
M22-7 ..... 2A-11
M22-8 ..... 2A-12
M22B 2A-19
M22BK 2A-74
M22D 2A-14
M22DC 2A-70
M22D-M 2A-77
M22-DU 2A-13

Index

M22DW ... 2A-31
M22DW22 ... 2A-30
M22EW ... 2A-33
M22FW ... 2A-33
M22GP4 ... 2A-17
M22GP5 ... 2A-17
M22IP ... 2A-37
M22JR-SN ... 2A-59
M22K ... 2A-18
M22KW ... 2A-18
M22MS ... 2A-32
M22P ... 2A-15
M22PM-K ... 2A-73
M22PM-KSN wing lock made of stainless steel ... 2A-81
M22PW ... 2A-31
M22R ... 2A-45
M22SA ... 2A-56
M22SA18 ... 2A-48
M22SA2 ... 2A-50
M22SC ... 2A-55
M22SD ... 2A-27
M22SD20SN ... 2A-49
M22SD22 ... 2A-64
M22SD30 ... 2A-51
M22SD40 ... 2A-54
M22SE ... 2A-57
M22SG ... 2A-58
M22SK30 ... 2A-60
M22SK32 ... 2A-61
M22SK37 Pressure ... 2A-62
M22SP ... 2A-47
M22SP2 ... 2A-52
M22SP40 ... 2A-54
M22TR ... 2A-38
M22TW ... 2A-41
M22W ... 2A-29
M22W32 ... 2A-30
M22WSN ... 2A-29
M22ZD1 ... 2A-24
M22ZD2 ... 2A-25
M22ZD3 ... 2A-26
M22ZM ... 2A-40
M22ZW ... 2A-28
M22ZW22 ... 2A-28
M24 ... 2A-21
M24B ... 2A-20
M24C ... 2A-71
M24ZN ... 2A-21
M28-1 ... 2A-67
M28-2 ... 2A-67
RW300 with a butterfly handle ... 2A-82
TR12 ... 2A-120
L-handle made of stainless steel ... 2A-85
L-handle ... 2A-84
L-handle 2.L18.10X ... 2A-86
Lock with L-handle for padlock 2.L18.200 ... 2A-93
T-handle made of stainless steel ... 2A-88
T-handle ... 2A-87
T-handle 2.T18.10X ... 2A-89
T-handle 2.TSA ... 2A-90
Z-0233 ... 2A-35
Z-2106 ... 2A-35
Roller latch 2.200 ... 2A-112
Roller latch 2.210 ... 2A-112
ZZR18 ... 2A-39
ZZR18 ... 2A-42
ZZR18.010 ... 2A-43
ZZR19 ... 2A-42
ZZR28 ... 2A-42
ZZR28/S ... 2A-44
ZZR38 ... 2A-42
ZZR50 ... 2A-42

Blockade

2.901 ... 2A-125
2.902 ... 2A-126
2.903 ... 2A-125
2.904 ... 2A-126
2.905 ... 2A-126
2.910 ... 2A-126
ZG ... 2A-136
ZGAX ... 2A-136

Key

2.KL.009 ... 2A-133
2.KLA-X ... 2A-128
2.KLB-X.001 ... 2A-128
2.KLB-X.002 ... 2A-128
2.KLD-T13 ... 2A-128
2.KLE-GZ ... 2A-127
2.KLF-GZ ... 2A-127
2.KLT-WF ... 2A-133
2.KL-X.002 ... 2A-129
2.KL-X.004 ... 2A-130
2.KL-X.005 ... 2A-133
2.KL-X.006 ... 2A-133
2.KL-X.007 ... 2A-132
2.KL-X.010 ... 2A-132
2.KL-X.011 ... 2A-132
2.KL-X.012 ... 2A-135
2.KL-X.014 ... 2A-134
2.KL-X.015 ... 2A-136
2.KL-ZM.013 ... 2A-134

Index

[2B] LATCHES

3.561.001 ..... 2B-10
3.562 ..... 2B-11
3.563 ..... 2B-12
3.565 ..... 2B-15
3.566 ..... 2B-15
3.567 ..... 2B-16
3.ST201 ..... 2B-1
3.ST202 ..... 2B-1
3.ST203 ..... 2B-17
3.ST204 ..... 2B-2
3.ST205 ..... 2B-2
3.ST206 ..... 2B-5
3.ST207 ..... 2B-5
3.ST208 ..... 2B-8
3.ST209 ..... 2B-6
3.ST210 ..... 2B-8
3.ST211 ..... 2B-6
3.ST212.001SN 2B-8
3.ST261 ..... 2B-7
3.ST262 ..... 2B-7
3.ST263.001 ..... 2B-9
3.ST263.100 ..... 2B-9
3.ST263.101 ..... 2B-10
3.ST264 ..... 2B-3
3.ST264.002 ..... 2B-14
3.ST265 ..... 2B-3
3.ST265 ..... 2B-4
3.ST267 ..... 2B-14
4.490 ..... 2B-13
4.491 ..... 2B-13
4.492 ..... 2B-17
Bolt 4.700 ..... 2B-16
Catch 3.ST200.002 ..... 2B-1
Catch 3.ST200.003 ..... 2B-2

[3A] EXTERNAL HINGES

3.170SN 3A-28
3.504 ..... 3A-68
3.505 ..... 3A-68
3.506 ..... 3A-68
3.507 ..... 3A-68
3.509 ..... 3A-5
3.510 ..... 3A-6
3.511 ..... 3A-4
3.512 ..... 3A-5
3.513 ..... 3A-6
3.514SN 3A-26
3.515SN 3A-28
3.516 ..... 3A-12
3.517 ..... 3A-30
3.518 ..... 3A-31
3.519 ..... 3A-26
3.520 ..... 3A-65
3.526 ..... 3A-12
3.527 ..... 3A-11
3.529 ..... 3A-17
3.530 ..... 3A-17
3.530.002 ..... 3A-18
3.531.001 ..... 3A-27
3.531.002 ..... 3A-27
3.532 ..... 3A-19
3.534 ..... 3A-49
3.535 ..... 3A-29
3.536 ..... 3A-19
3.543 ..... 3A-9
3.544 ..... 3A-10
3.545 ..... 3A-10
3.546 ..... 3A-52
3.547 ..... 3A-66
3.570 ..... 3A-14
3.571 ..... 3A-13
3.572 ..... 3A-13
3.573.00X 3A-14
3.574.00X 3A-14
3.575.00X 3A-14
3.ST17 ..... 3A-69
3.ST18 ..... 3A-69
3.ST21 ..... 3A-70
3.ST22 ..... 3A-70
3.ST23 ..... 3A-29
3.ST28 ..... 3A-56
3.ST29 ..... 3A-71
3.ST30 ..... 3A-47
3.ST35 ..... 3A-48
3.ST35-1 ..... 3A-48
3.ST35-2 ..... 3A-50
3.ST37 ..... 3A-55
3.ST42 ..... 3A-25
3.ST48 ..... 3A-55
3.ST49 ..... 3A-62
3.ST53 ..... 3A-67
3.ST55 ..... 3A-55
3.ST56 ..... 3A-57
3.ST56-2 ..... 3A-60
3.ST58 ..... 3A-50
3.ST102 ..... 3A-71
3.ST108 ..... 3A-56
3.ST109.100 ..... 3A-40
3.ST109.101 ..... 3A-40
3.ST114 ..... 3A-51
3.ST116 ..... 3A-59

Index

3.ST117 ... 3A-52
3.ST125 ... 3A-43
3.ST126.001 ... 3A-66
3.ST127.001SN ... 3A-44
3.ST127.002SN ... 3A-44
3.ST127.003SN ... 3A-45
3.ST128 ... 3A-58
3.ST129 ... 3A-41
3.ST130 ... 3A-54
3.ST133 ... 3A-49
3.ST134.001SN ... 3A-61
3.ST145 with an opening angle limiter ... 3A-53
3.ST146 ... 3A-53
3.ST151 ... 3A-46
3.ST152 ... 3A-46
3.ST153 ... 3A-42
3.ST154 ... 3A-42
3.ST155 ... 3A-58
3.ST500 Cassette ... 3A-36
3.ST501 ... 3A-36
3.ST502 ... 3A-37
3.ST503 ... 3A-37
3.ST504 ... 3A-38
3.ST505 ... 3A-38
3.ST506 ... 3A-39
3.ST73 ... 3A-67
3.STZH2 ... 3A-67
3.STZH2.002 ... 3A-67
3.STZH3 ... 3A-67
3.STZH3-1 ... 3A-67
3.ZN1 ... 3A-1
3.ZN2 ... 3A-1
3.ZN3 ... 3A-2
3.ZN4 ... 3A-2
3.ZN10 ... 3A-15
3.ZN20 ... 3A-62
3.ZN30 ... 3A-7
3.ZN48-PA ... 3A-11
3.ZN60 ... 3A-4
3.ZN60 ... 3A-7
3.ZN65 ... 3A-4
3.ZN65 ... 3A-7
3.ZN66 ... 3A-6
3.ZN67 ... 3A-8
3.ZN68 ... 3A-8
3.ZN70 ... 3A-72
3.ZN70SN ... 3A-76
3.ZN71SN ... 3A-76
3.ZN75 ... 3A-72
3.ZN80 ... 3A-74
3.ZN80SN ... 3A-75
3.ZN90 ... 3A-73
3.ZN100 ... 3A-73
3.ZN100SN ... 3A-75
3.ZN105 ... 3A-16
3.ZN110 ... 3A-3
3.ZN115 ... 3A-3
3.ZN119 ... 3A-81
3.ZN120 ... 3A-20
3.ZN130 ... 3A-21
3.ZN140 ... 3A-22
3.ZN150 ... 3A-77
3.ZN151 ... 3A-65
3.ZN152 ... 3A-65
3.ZN154 ... 3A-78
3.ZN154.009 ... 3A-79
3.ZN155 ... 3A-64
3.ZN157.001 ... 3A-79
3.ZN158.001 ... 3A-63
3.ZN158SN ... 3A-63
3.ZN159 ... 3A-80
3.ZN160 ... 3A-80
3.ZN170.001SN ... 3A-28
3.ZN171.001SN ... 3A-28
3.ZN200 ... 3A-15
3.ZN210.001 ... 3A-24
3.ZN210.003 ... 3A-23

Hinges for fire doors

3.ST109.001 ... 3A-32
3.ST109.003 ... 3A-33
3.ST109.004 ... 3A-33
3.ST109.007 ... 3A-34
3.ST109.009 ... 3A-35

[3B] INTERNAL HINGES

3.501 ... 3B-49
3.502 ... 3B-49
3.503 ... 3B-49
3.537 ... 3B-15
3.538 ... 3B-46
3.539 ... 3B-46
3.550 ... 3B-44
3.ST04 ... 3B-1
3.ST04-1 ... 3B-1
3.ST04-2 ... 3B-2
3.ST04-4 ... 3B-2
3.ST04-5 ... 3B-25
3.ST05 ... 3B-7
3.ST06 ... 3B-7
3.ST07 ... 3B-45
3.ST07-1 ... 3B-45
3.ST07-2 ... 3B-45

Index

3.ST08 ..... 3B-19
3.ST09 ..... 3B-19
3.ST10 ..... 3B-18
3.ST11 ..... 3B-18
3.ST12 ..... 3B-11
3.ST12-1 ..... 3B-14
3.ST12-1B 3B-12
3.ST12-2 ..... 3B-11
3.ST12B 3B-12
3.ST13 ..... 3B-5
3.ST13.003 ..... 3B-15
3.ST14 ..... 3B-18
3.ST15 ..... 3B-18
3.ST16 ..... 3B-6
3.ST19-2 ..... 3B-15
3.ST20 ..... 3B-31
3.ST20 ..... 3B-33
3.ST24 ..... 3B-32
3.ST24-34 ..... 3B-32
3.ST25 ..... 3B-44
3.ST26.001 ..... 3B-39
3.ST26.003 ..... 3B-40
3.ST27 ..... 3B-3
3.ST27-1 ..... 3B-3
3.ST31 ..... 3B-20
3.ST32 ..... 3B-10
3.ST33 ..... 3B-20
3.ST34 ..... 3B-20
3.ST38 ..... 3B-21
3.ST39 ..... 3B-21
3.ST40 ..... 3B-17
3.ST41 ..... 3B-17
3.ST43 ..... 3B-8
3.ST43 ..... 3B-9
3.ST46 ..... 3B-29
3.ST46 ..... 3B-30
3.ST47 ..... 3B-5
3.ST50 ..... 3B-41
3.ST54 ..... 3B-3
3.ST60 ..... 3B-34
3.ST65 ..... 3B-34
3.ST67 ..... 3B-36
3.ST76 ..... 3B-14
3.ST79 ..... 3B-42
3.ST81 ..... 3B-35
3.ST81 ..... 3B-37
3.ST84 ..... 3B-37
3.ST89 ..... 3B-43
3.ST94 ..... 3B-35
3.ST95 ..... 3B-22
3.ST96 ..... 3B-38
3.ST100 ..... 3B-2
3.ST104 ..... 3B-42
3.ST105 ..... 3B-27
3.ST112 ..... 3B-27
3.ST115 ..... 3B-4
3.ST118 ..... 3B-23
3.ST119 ..... 3B-26
3.ST120 ..... 3B-22
3.ST121 ..... 3B-26
3.ST123.001SN 3B-24
3.ST147 ..... 3B-13
3.ST160 ..... 3B-25
3.ST300 ..... 3B-50
3.ST301 ..... 3B-51
3.ST302 ..... 3B-56
3.ST303 ..... 3B-56
3.ST304 ..... 3B-52
3.ST305 ..... 3B-53
3.ST306 ..... 3B-54
3.ST307 ..... 3B-55
3.ST551 ..... 3B-47
3.ST552 ..... 3B-47
3.ST553 ..... 3B-47
3.ST556 ..... 3B-16
3.ST557 ..... 3B-16
3.ST558 ..... 3B-48
TA60 ..... 3B-35

[4] SCREW CLAMPS V-KLEMA TYPE

Single aluminium

25-120SW 4-1
35-240SW 4-1
50-240SW 4-1
70-300SW 4-1
95-300SW 4-1
25-120SW-B 4-1
50-300SW-B* 4-1
95-300SW-B 4-1
35-240SW-C 4-1
50-240SW-C 4-1
10-300SW 4-2

Double aluminium

2/25-120SW 4-3
2/50-240SW 4-3
2/70-300SW 4-3
2/25-120SW-B 4-3
2/35-300SW-B 4-3
2/25-120SW-D 4-3
2/50-240SW-D 4-3
2/70-300SW-E 4-3
2/25-120SW-E 4-3

Index

Aluminium

16-120SW 4-4
10-150.SW.A 4-4
10-150.SW.B 4-4
10-150.SW.C 4-4

HM steel single

HM 6-50 4-5
HM 10-95/A 4-5
HM 10-95/B 4-5
HM 10-95/C 4-5
HM 25-150/A 4-5
HM 25-150/B 4-5
HS 6-50 4-5
HS 10-95 4-5

HS steel single

HS 25-240 4-6
HS 50-240 4-6
HS 70-300 4-6
HS 35-300-B 4-6
HS 50-300-B 4-6
HS 120-300 4-6

HS steel double

HS 2/50-240 4-7
HS 2/50-240-B 4-7
HS 2/50-240-D 4-7
HS 2/50-240-E 4-7

HS steel double

HS 2/70-300 4-8

HM steel double

HM 2/10-70-A 4-9
HM 2/10-70-B 4-9

Terminals, clamps

4.405 4-12
4.406 4-12
4.601.101 4-10
4.601.201 4-10
4.601.102 4-10
4.601.202 4-10
4.601.103 4-10
4.601.203 4-10
4.601.401 4-10
4.601.402 4-10
4.601.403 4-10
4.603 4-11

Connecting device RBK LZ6V 4-11

V-klema covers, surge protection clamp

4.402 4-13
4.403 4-13
4.520 4-13

Knurled nuts

NR.01 4-14
NR.02 4-14
NR.03 4-14
NR.04 4-14
NR.05 4-14

Assembling busbar

4.480 4-15

Ball stud

4.407 4-15

Cable clasp

4.460 4-16
4.461 4-16
4.462 4-16

[5] ACCESSORIES

Latching element 4.471 5-42
Door blockade 4.401 5-12
Door blockade 4.401.20X 5-12
Door blockade 4.401.30X 5-13
Telescopic blockade 4.401 5-13
Telescopic blockade 4.401 5-14
Telescopic blockade with button 4.401 5-14
Clamp 4.426 5-43
Adjustable lever 4.530 5-11
Document pocket 4.420 5-21

Padlock 4.KDZN.100 5-18
Padlock 4.KD.001 5-16
Padlock 4.KDZN.002 5-16
Padlock 4.KDZN.007 5-17

Air vent 4.107 5-25
Air vent 4.108 5-25
Air vent 4.109 5-25

Connector 4.429 5-5
Connector 4.500 5-2
Frame connector 4.422 5-19

Masking element 4.472 5-42
Installation nut 4.501 5-2
Trapezium nut 4.409 5-15

Index

Transparent window 4.110 5-22
Transparent window 4.423 5-22
Transparent window 4.423 5-23
Transparent window 4.423 5-24
Transparent window 4.424.001 .....
5-22 Transparent window 4.425 .....
5-24 Anti-skid pad 4.519.100 5-10
Knob 4.404 5-44
Knob 4.404.100 5-44
Knob 4.428 5-44
Profile 4.450 5-19
Profile 4.450 5-20
Swivel foot with bolt connection 4.519 5-10
Adjustable feet 4.516 5-9
Adjustable feet 4.517 5-9
Adjustable feet 4.518 5-9
Adjustable, anti-vibration and anti-slip feet 4.513 5-8
Adjustable, anti-vibration and anti-slip feet 4.514 5-8
Adjustable, anti-vibration and anti-slip feet 4.515 5-8
Adjustable feet 4.431 5-6
Adjustable feet 4.510 5-7
Adjustable feet 4.511 5-7
Adjustable feet 4.512 5-7
Quick connector 4.600 5-18
Screw 4.430 5-15
Fixing pivot 4.427 5-43
Handle 4.102 5-34
Handle 4.103 5-35
Handle 4.104 5-36
Handle 4.250 5-26
Handle 4.413 5-45
Handle 4.439 5-29
Handle 4.440 5-27
Handle 4.441 5-35
Handle 4.444 5-26
Handle 4.444.003 5-32
Handle 4.444.004 5-32
Handle 4.446 5-31
Handle 4.447 5-30
Handle 4.448 5-30
Handle 4.449 5-29
Handle 4.470 5-34
Handle 4.540SN 5-27
Metal handle 4.442 5-33
Handle PA 4.444 5-28
Masking plate holder 4.414 5-1
Masking plate holder 4.415 5-1
Box holder 4.410 5-15
Drawer handle 4.443 5-33
Holder with seal 4.417 5-3
Vibroisolator 4.464 5-47
Masking plate bracket 4.412 5-45
Holder with seal 4.416 5-3
Lock with decompression function 4.120.....5-37
Heavy duty handle 4.105 5-38
Heavy duty handle 4.105 5-39
Heavy duty handle 4.106 5-40
Heavy duty handle 4.106 5-41
Bridge clamp system 4.411 5-4
Bridge clamp system 4.419 5-5
Connector 4.560 5-46

[6] GASKETING PROFILES

UT-2 6-2
UT-3.8..... 6-2
UT-3.10..... 6-2
UT-4 6-1
UT-4.2 6-1
UT-4.3.01 6-1
UT-4.3.02 6-1
UT-4.3.06 6-1
UT-4.4.01 6-1
UT-4.4.02 6-1
UT-4.4.03 6-1
UT-4.4.04 6-1
UT-4.5.2 6-1
UT-4.5.4 6-1
UT-4.5.6 6-1
UT-4.6 6-1
UT-4.7 6-2
UT-4.8.2 6-2
UT-4.8.4 6-2
UT-4.9.01 6-2
UT-4.9.02 6-2
UT-4.9.03 6-2
UT-4.10.2 6-2
UT-5 6-3
UT-5.1 6-3
UT-5.2 6-3
UT-5.3 6-3
UT-5.4 6-3
UT-5.5 6-3
UT-5.6 6-3
UT-5.7 6-3
UT-7 6-12
UT-7.1 6-12
UT-7.2 6-12
UT-7.3 6-12
UT-7.4 6-12
UT-7.5 6-12
UT-8 6-7
UT-8.2 6-7
UT-8.3 6-7

Index

UT-8.4 6-7
UT-8.5 6-7
UT-8.6.4 6-8
UT-8.6.6 6-8
UT-8.7 6-8
UT-8.8 6-8
UT-9.2 6-8
UT-9.4 6-8
UT-9.6 6-8
UT-10.3 6-8
UT-26A 6-10
UT-27 6-10
UT-30.1 6-4
UT-30.2 6-4
UT-30.4 6-4
UT-31 6-5
UT-31.2 6-5
UT-32 6-10
UT-33.2 6-5
UT-33.3 6-5
UT-33.4 6-6
UT-34 6-6
UT-35 6-4
UT-35.1 6-4
UT-37 6-6
UT-37.1 6-6
UT-38 6-10
UT-42 6-10
UT-43 6-11
UT-43.3 6-11
UT-43.4 6-11
UT-43.5.2 6-11
UT-43.5.4 6-11
UT-43.5.6 6-11
UT-43B 6-11
UT-51 6-10
UT-57A 6-6
UT-70 6-9
UT-80 6-13
UT-80.2 6-13
UT-80.3 6-13
UT-80.4 6-13
UT-81.1 6-15
UT-81.2 6-15
UT-81.3 6-15
UT-81.4 6-15
UT-81.5 6-15
UT-82.2 6-15
UT-82.4 6-15
UT-82.6 6-15
UT-83 6-15
UTB-1 6-9
UTB-2 6-9
UTB-9 6-9
UTF-1 6-17
UTF-2 6-17
UTG-1 6-17
UTG-2 6-17
UTGF-1 6-17
UTGF-2 6-17
UTP-137 6-15

Self-Adhesive Profile

USRE-10.04 6-14
USRE-15.03 6-14
USRE-15.04 6-14
USRE-20.04 6-14
USDE-14.12 6-14
UTK-10.12 6-14
USPE-05.03 6-14
USPE-08.02 6-14
USPE-08.03 6-14
USPE-10.02 6-14
USPE-10.03 6-14
USPE-10.04 6-14
USPE-10.05 6-14
USPE-12.03 6-14
USPE-12.04 6-14
USPE-15.03 6-14
USPE-15.04 6-14
USPE-16.08 6-14
USPE-18.05 6-14
USPE-20.03 6-14
USPE-20.05 6-14

Assembly profile

US-828 6-15
US-828.1 6-15
US-828.2 6-15
US-838 6-15
US-838.10 6-15
US-838.2 6-15
US-838.3 6-15
US-838.4 6-15
US-838.5 6-15
US-838.6 6-15
US-838.7 6-15
US-838.8 6-15
US-838.9 6-15

EMV gasketing material

UT-32.EMV 6-18
UT-33.3.EMV 6-18
UT-38.EMV 6-18

Index

UT-42.EMV 6-18
UT-57A.EMV 6-18
UT-57B.EMV 6-18

NBR oil-resistant sealing profiles

UT-32.NBR 6-24
UT-57A.NBR 6-24
UT-10.4.NBR 6-24
USPE-15.03.NBR 6-24
USPE-15.04.NBR 6-24

Sealing profiles from UR group meets railway norm EN 45545-2

UR-4.4.01 6-19
UR-4.9.01 6-19
UR-8.2 6-19
UR-8.8 6-19
UR-8.9 6-20
UR-8.10 6-20
UR-8.11 6-20
UR-8.12 6-20
UR-32 6-21
UR-33.2 6-21
UR-38 6-21
UR-43.3 6-22
UR-43.5 6-22
UR-43.6 6-22
UR-57A 6-21
UR-80.5 6-22
UR-81.3 6-22

Sealing profiles according to VDI 6022

UT-8.2.VDI 6-23
UT-27.VDI 6-23
UT-32.VDI 6-23
UT-42.VDI 6-23
UT-57A.VDI 6-23

Ready-made frame, o-ring

Glueing [G] 6-25
Film vulcanization [V] 6-25
Injection molding [M.] 6-25
Bonding technologies for sealing profiles frame, o-ring 6-26

Minimum bending radii of the seal

Minimum bending radii ..... 6-27 to 6-29

[7] PYLOCX®

Smart Access Solutions ..... 7-1 to 7-6



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Cabinet Catalogue 2025
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