

HINGES & Hardware

FOR INDUSTRIAL APPLICATIONS



CATALOGUE 018

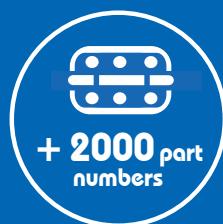


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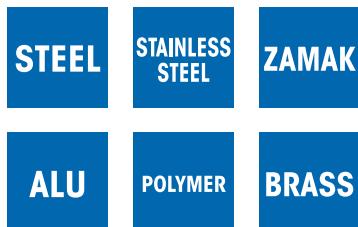
Icons for product selection

RoHS icon:



Complies with the RoHS directive

Materials icons:



Product materials

Spring hinge working direction icons:



Spring hinge closing



Spring hinge opening

Opening angle icons:



Opening angle of hinge

Lift-off hinge icon:



Lift-off hinge

Loose-pin butt hinge icon:



Loose-pin butt hinge

IP waterproofing icon:



IP65 protection

All the solutions

for hinges and locks
for industrial applications.

PINET is among the leading european manufacturers of industrial hinges, locks and hardware for industrial applications.

For 6 generations, PINET has been investing in processes that allows it to manufacture more than 2,000 standard catalogue items and achieve 50% of its production with specially adapted solutions for its clients. In order to respond to the demands of its clients in terms of quality, lead times and cost, PINET has placed a continued progress approach at the heart of its values, together with a priority for innovation, investment, team, involvement and competency.

Milestones that have marked more than 175 years of PINET experience

1840

Creation of PINET in Paris, specialised in the manufacturing of components for musical instruments.

1923

Diversification of the activity and manufacturing of the first hinges, still in Paris.

1996

Construction of a manufacturing factory in Chaulnes in Picardy.

2009

Construction of a distribution centre next to the production factory. Real expertise in many different industries.

2012

Creation of an industrial site in Tunisia. Opening of an online store for sales in France and Europe of all of the standard products in the PINET catalogue.

2016

Investment in robotic cells.



Real expertise in many different industries

- construction vehicles
- agricultural machinery
- commercial vehicles
- railway equipment
- electrical cabinets, terminals, lockers
- aeronautics
- mechanical construction
- HVAC
- special machinery
- street furniture, street lighting, road signs...



The answers to all of your hinge and lock needs.



Investing in modern processes and technologies, Pinet manufactures more than 2,000 models of hinges and locks, both standard and custom-made.

Custom-made

To best serve your projects, the custom-made activity is designed in two ways:

To follow your drawings

Based on your elements, our design office is here to help you carry out your projects actively and at the best price. Supported by its unique expertise, particularly in the creation of products with a strong thickness, the design office provides advice for you to be able to optimise your drawings to achieve your functional goals in line with your target price.

Standard

The 2,000 products grouped together in this catalogue are immediately available and offered in a large number of sizes and materials. The logistics of this complete range are managed by a team and special software (WMS) for optimised reactivity.



Hinge



Lid stay



Slam latch

Certification

PINET, committed very early to a quality based approach, has been ISO 9001 certified since 1992.

PINET chooses AFAQ/AFNOR as a certification body known for its solid reputation.

The PINET ISO 9001 certification is the guarantee of:

- consistent manufacturing quality
 - the respect of manufacturing deadlines.
 - optimised product design.
- The key to success is called the search for excellence.



To follow your brief

Based on your needs, our design office offers you the best adapted solution to your technical and cost constraints.

PINET Know-How

a recognised expertise associated with cutting-edge technology.

- A manufacturing tool including machines that enable the automated production of hinges at competitive prices.
- Ability to work metal to a thickness of up to 6 mm making it possible to manufacture parts that can bear heavy loads.
- Ability to produce small and large batches.
- CAD workstation allowing for collaborative designs.
- Integrated equipment workshop for good reactivity.
- Extensive client portfolio including international companies.
- Integrated test laboratory to validate product performance according to the client brief.



2 production sites

1 factory in Picardy (France)

1 workshop in Tunisia



Machinery made up of:

- 40 automatic or manually operated presses (up to 420 T)
- 5 CNC machining centers
- 1 robotic cell for machining hinges
- 1 robotic cell for rolling
- 1 robotic cell for welding
- machines specifically designed for the manufacturing of hinges
- 2 CNC laser cutting machines
- 1 tooling workshop with CNC machining center and EDM wire machines.

1 storage centre

Built in 2009 next to the factory, this site covers 4.500 m². This facility uses the latest stock management technologies improving customer satisfaction through better quality service.



Supply chain optimisation with the integration of the following features:

- integration with the ERP (Sage Adonix)
- installation of a WMS (Warehouse Management System)
- validation of stock movements via the WIFI system
- use of automated storage carousels
- flow optimisation in the warehouse.



For the design offices

A large choice of tools making it possible to select the best solution for each creation.

- 2D and 3D CAO files can be downloaded on the Pinet website.
- Online catalogue with a «Selection guide» to make the choice of products easier.
- Possibility to modify catalogue products to adapt to each project.
- Product design based on a client brief (half of the products manufactured by Pinet are products that are not part of the catalogue).



From a quick prototype to a prototype manufactured in our factory

Collaborative design: The 100% custom-made PINET approach

The PINET design office makes it possible to offer competitive and exclusive solutions based on client brief.

Our aim is to work in conjunction with the client to create the best possible design.

The PINET design office is equipped with 3D CAD stations and a 3D printer.

The client advantages: all this equipment makes it possible to reduce the product development cycles and to rapidly launch innovative products on the market.

All types of client specifications are taken into consideration to respond to the demands of the market:

Reliability
Modularity
Adaptation to the environment where product is used
Adaptation to industrial standards
Specific functions:
water resistance, surface treatments...
Aesthetics (colour, shape...)
Ease of assembly

A strong international presence

In a context of fast-changing economy, PINET has set up a network of partners and operates on a global scale.

In addition to the manufacturing historically carried out in its factory in Picardy, PINET can now count on the production of its new factory in Tunisia and, according to its needs, can also rely on an industrial network in China so as to propose quality products at the best prices.

Extensive stocks combined with efficient logistics services mean that we can meet all delivery deadlines regardless of where our clients are located.

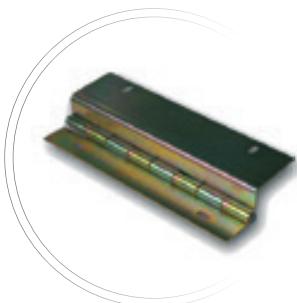


Solutions for the construction industry and agricultural machinery

PINET proposes a variety of solutions, as much for standard products as for products that are adapted or specifically created for those applications.

PINET products can be found on the bodywork and the chassis and also in the cabins of public works machines or agricultural machines.

PINET does not only offer metal products but also solutions combining plastic and metal. The combination of several materials enables the production of robust, inexpensive and aesthetic products.



Continuous cranked hinge for engine cover



Hinge for door cab

Products examples

> Bodywork

- Continuous, cranked hinge for engine cover of excavator
- Hinge for tool / storage box
- Compression latch for hoods
- Support stay with stop for footboard



> Cabin

- Hinge for door cab of backhoe
- Hinge for lateral door cab of tractor
- High performance bolt for positioning of the driver seat
- Concealed hinge for storage cabinets



Latch for hood



Hinge for lateral door cab of tractor



Support stay for footboard



Solutions for the commercial vehicle industry and bodywork sectors

The demands of this industry are varied and the solutions proposed by PINET can either be standard catalogue parts or specifically designed parts.

PINET products can be found in a variety of applications ranging from refrigeration vehicles to light trailers, coaches, and the fitting-out of special vehicles...



Products examples

> Trucks

- Continuous hinge for lateral doors of refrigerated vehicles
- Continuous hinge for multi-functional vehicles
- Hinge for tool / storage box
- Hinge for bunk in a lorry cab

> Special vehicles

- Concealed hinge for vertical doors
- Detent hinge for monitor positioning

> Buses / Coaches

- Hinge for luggage compartments
- Hinge for technical hoods
- Spring hinge for toilet doors of bus



Continuous hinge
for cab doors



Hinge for storage box



Continuous hinge



Hinge for bunk in a lorry cab



Spring loaded concealed hinge
for overhead compartment



Solutions for electrical enclosures lockers and metal, furniture industry

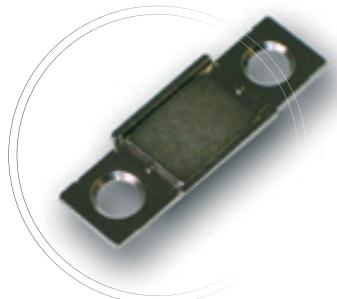


The lids of boxes or doors of lockers can be fitted or inserted, the mobile joints can be visible or invisible... so many configurations leading to different mobile joints which respond to the particular application.

Lockers which are also water or dust resistant are a common demand in this field which necessitates adapted solutions.



Concealed hinge opening
180° for flush doors



Magnetic catch

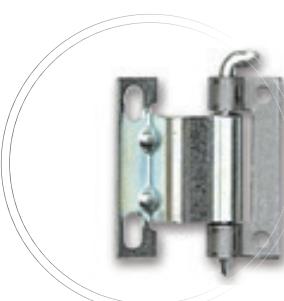


Spring hinge

Products examples

> Metal lockers

- 180° concealed hinge
- Concealed pin-hinge opening to 120°
- Plastic hinge for flush doors
- Screw-on hinge for protruding doors
- Friction hinge for maintaining doors in an open position
- Continuous hinge cut to length for hatch articulation



Concealed hinge



Solutions for rail industry

The demands of locking and mobile joints are numerous in this industry. The products must predominantly be made from stainless steel and they are often specifically developed for each project.



Products examples

> Exterior applications

- Robust hinge for train aprons
- Lid stay to keep hatches in an open

> Interior applications

- Locking with tool operated key
- Mobile joint for underground seats
- Mobile joint for train folding trays
- Mobile joint for train seat headrests



Mobile joint for folding trays



Hinges for headrests



Hinge for train apron



Hinge for tram apron



Hinge for underground seats



Solutions for street furniture and street lighting industry

The demands of this industry concern both parts which are manufactured according to a client's design and parts which are manufactured to customer's drawings. In some cases, the standard parts may also be suitable.



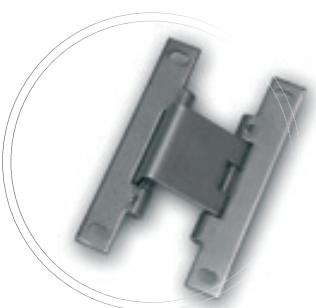
Budge latch for doors



Lid stay



Articulated main cover clip



Concealed hinge for vertical mast hatch



Products examples

> Street lighting

- Stainless steel articulated main cover clip for instant opening of the light source
- Lid stay
- Concealed hinge for horizontal or vertical mast hatch

> Street furniture

- Concealed hinge for dustbin lids or doors
- Integrated locking device for doors



Solutions for manufacturing machinery and industrial equipment

The demands of this industry often correspond with the catalogue products, which have very diverse functions: boot opening, hatch locking, maintaining in an open position, etc.

The aesthetics of the products or their invisibility are also predominant selection criteria for these applications.



Products examples

> Cash dispensers / ATM

- Continuous hinge for doors with access to the technical area
- Automatic slide for locking the access caps to the technical area into an open position

> Manufacturing machinery

- Detent hinge to maintain guards of machines in an open position
- Vibration proof locking of access caps to the technical area
- Hinge made of polyamide for good mechanical resistance and strong resistance to corrosion



Guidelines

- Each product falls into one of the 4 major product families.
- All parts made of stainless steel are detailed at the end of the catalogue.
- All parts made of aluminium are detailed at the end of the catalogue.
- Each product has a list of associated references, as well as a 2D plan with useful dimensions and a picture for visualising the product.
- More information is available for certain products.
- Icons are used to facilitate comprehension and provide information regarding materials, RoHS compliance, angles of opening, etc.



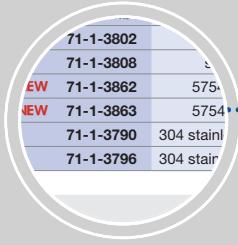
Product family



Product name



Specifications and comments



Hinges with dual function

Rolled knuckle spring hinges

Opening spring hinges 120 mm long

Opening spring force:
M(0°): 0.85 N.m / M(90°): 0.56 N.m / M(180°): 0.28 N.m

Stainless steel spring.

Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
71-1-3799	steel	raw	120	40	1.5	4				undrilled	82
71-1-3805	steel	zinc plated	120	40	1.5	4	22.7	60	4	drilled	82
NEW 71-1-3860	5754 alu	raw	120	40	1.5	4				undrilled	45
NEW 71-1-3861	5754 alu	raw	120	40	1.5	4	22.7	60	4	drilled	45
71-1-3787	304 stainless steel	raw	120	40	1.5	4				undrilled	82
71-1-3793	304 stainless steel	raw	120	40	1.5	4	22.7	60	4	drilled	82

Closing spring hinges 120 mm long

Closing spring force:
M(0°): 0.28 N.m / M(90°): 0.56 N.m / M(180°): 0.85 N.m

Stainless steel spring.

Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
71-1-3802	steel	raw	120	40	1.5	4				undrilled	82
71-1-3808	steel	zinc plated	120	40	1.5	4	22.7	60	4	drilled	82
NEW 71-1-3862	5754 alu	raw	120	40	1.5	4				undrilled	45
NEW 71-1-3863	5754 alu	raw	120	40	1.5	4	22.7	60	4	drilled	45
71-1-3790	304 stainless steel	raw	120	40	1.5	4				undrilled	82
71-1-3796	304 stainless steel	raw	120	40	1.5	4	22.7	60	4	drilled	82

Table of references and product features

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Catalogue 018

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PINET

General informations

- Dimensions (in millimetres) and weights (in grams) are provided as a guide only.
- Our involvement concerns only those technical characteristics stated in the catalogue and provided that our technical departments have confirmed that no changes have taken place. The dimensions indicated in letters and in brackets, or in figures, are theoretical or indicative and are not subject to the general manufacturing tolerances.
- Our general manufacturing tolerances are in line with the NF E 02-352 standard in regular class (n), unless otherwise indicated.
- For more information on tolerance or for specific information, please contact our sales department.
- In the case of specific applications, particular uses or regulatory requirements, we recommend that you consult the relevant bodies in the field concerned, or perform preliminary tests.
- The product images shown in the catalogue are non-binding.
- The materials featured in this catalogue can come in various shades without prior notice.
- We reserve the right to carry out technical modifications (dimensions, decoration, packaging, etc) or to withdraw a production run without notice, in our aim to improve our products.
- We strive to maintain sufficient levels of stock to ensure quick shipment; however, lead times depend on the availability of the items in question.
- Please note there is a minimum invoice value of €250 excl. tax. Below this amount, an administrative fee of €25 excl. tax. will be charged.
- Please let us know of any errors or anomalies you might find in this catalogue and share with us any comments or suggestions you may have. These will be taken into consideration for future editions.

Dual function
Rolled knuckle spring

Product range

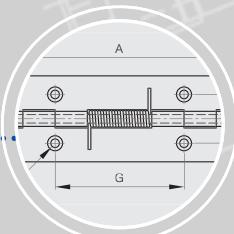
This edition replaces the previous ones.



Explanatory icons



3D view



2D drawing

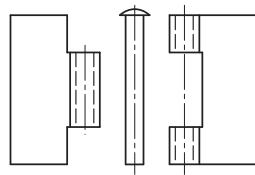
Continuous hinges Aluminium profile

FinAlu® continuous hinge

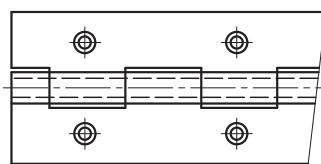
Continuous hinges in aluminium profile with a small pin diameter. This nice design can be used in many applications (medical, electronic enclosures, food transportation,...). These hinges have the same dimensions as hinges used in the aircraft industry.

Part number	Material	Finish	A	B	C	D	E	Pin material
72-1-4243	6082 T5 alu	anodised	915	31.75	1.3	2.2	12.7	stainless steel
72-1-4244	6082 T5 alu	raw	1830	31.75	1.3	2.2	12.7	stainless steel
72-1-4245	6082 T5 alu	anodised	915	44.45	1.3	2.2	12.7	stainless steel
72-1-4246	6082 T5 alu	raw	1830	44.45	1.3	2.2	12.7	stainless steel
72-1-4247	6082 T5 alu	anodised	915	63.5	1.3	2.2	12.7	stainless steel
72-1-4248	6082 T5 alu	raw	1830	63.5	1.3	2.2	12.7	stainless steel

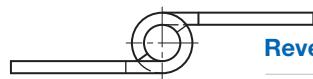
Terminology



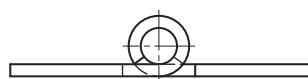
Hinge



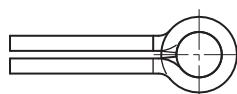
Continuous hinge



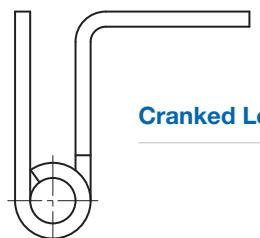
Reversed leaves



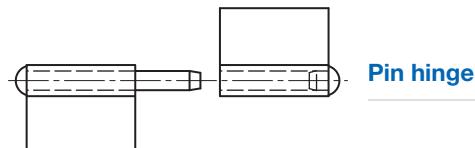
Flat leaves



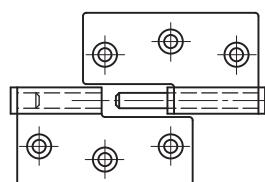
Offset leaves



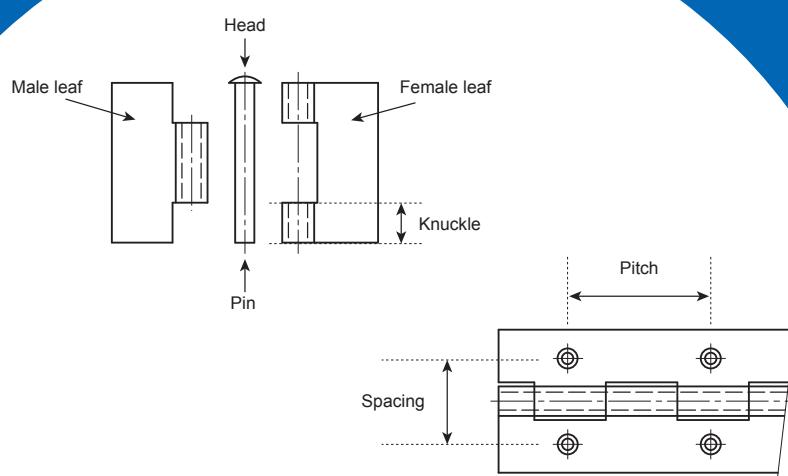
Cranked Leaf



Pin hinge



Lift-off hinges



HINGES



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and 101.6 mm long **122**



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in 15.25 meter rolls **123**

COMMON HINGES



Square hinges with two
offset leaves and removable **124**
pin - no holes



Square hinges with two
offset leaves and removable **124**
pin - with 4 holes



Square hinges with two
offset leaves and removable **125**
pin - with 6 holes



Square hinges with two
offset leaves and riveted pin **125**
- with 4 holes



Square hinges with two
offset leaves and riveted pin **126**
- with 6 holes



Square hinges with no offset
leaf and riveted pin - **126**
no holes



Square hinges with no offset
leaf and riveted pin - with **127**
4 holes



Square hinges with no offset
leaf and riveted pin - with **127**
6 holes



Hinge 30 x 30 mm **128**



Hinge with nylon washers **128**



Hinge with oblong holes **129**



Aluminium profile hinges **130**



Heavy duty aluminium profile
hinges **130**



Aluminium hinges -
50 mm width **131**



Aluminium hinges with
reversed leaves -
50 mm width **131**



Clean room hinge
65 x 60 mm **132**



Clean room hinge
100 x 60 mm **132**



Clean room lift-off hinges -
65 x 60 mm **133**



Aluminium lift-off hinges
80 x 80 mm **133**



Aluminium lift-off hinges
100 x 85 mm **134**



Aluminium lift-off hinges
100 x 100 mm **134**



Hinge 50 x 30 mm **135**



Hinges 50 x 40 mm **135**



Hinges 60 x 35 mm **136**



Hinge 62 x 44 mm **136**



Hinge 75 x 40 mm **137**



Small hinges with
4 knuckles **137**



Small hinges with
6 knuckles **138**



Hinge 100 x 84 mm **138**

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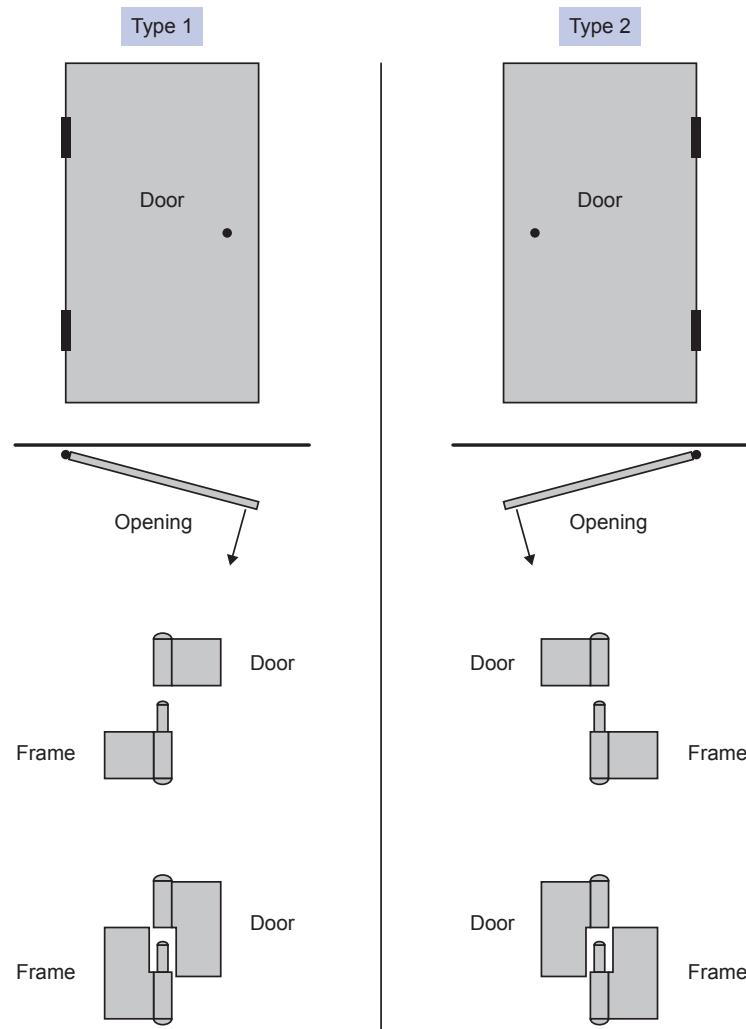
VARIOUS HINGES

	Hinge for marine applications - 36.5 x 38 mm	144		Small butt hinge with one cranked leaf and removable pin 50 mm	152
	Hinge for marine applications - 36.5 x 56.5 mm	144		Small butt hinge with one cranked leaf 60 mm	152
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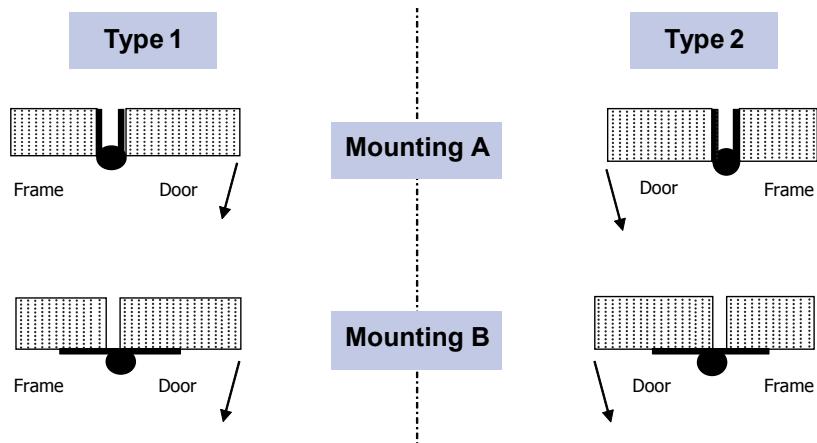
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	Hinges 30 x 140 mm	160		Brass hinge with removable pin - 3 knuckles	169
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	Flag hinge without washer - flat knuckle	173
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NEW 	Flag hinge without washer - drilled - flat knuckle	174
NEW 	Glass door hinge in brushed stainless steel	175
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	Tube hinge	176

Way the door opens



Mounting instruction



Caution:

Type 1 lift-off hinges mounted as A become Type 2 when mounted as B

Type 2 lift-off hinges mounted as A become Type 1 when mounted as B



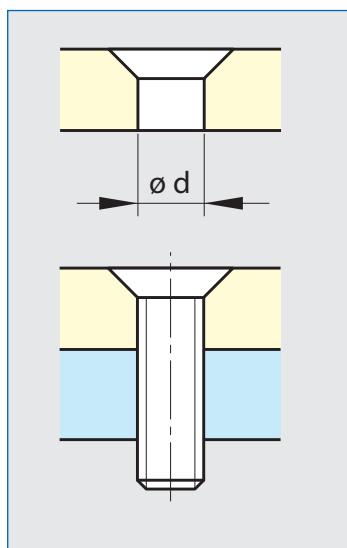
Fixing holes configurations

Dimension (S) is the hole diameter.

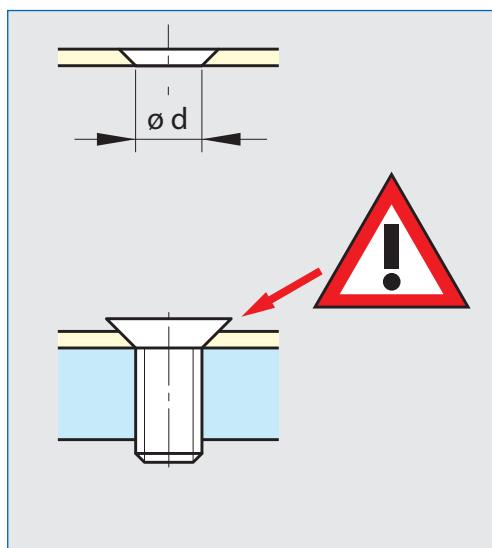
For countersunk holes, dimension (S) is the inside diameter.

For countersunk holes, depending on hinge thickness and selected screws, different configurations may occur:

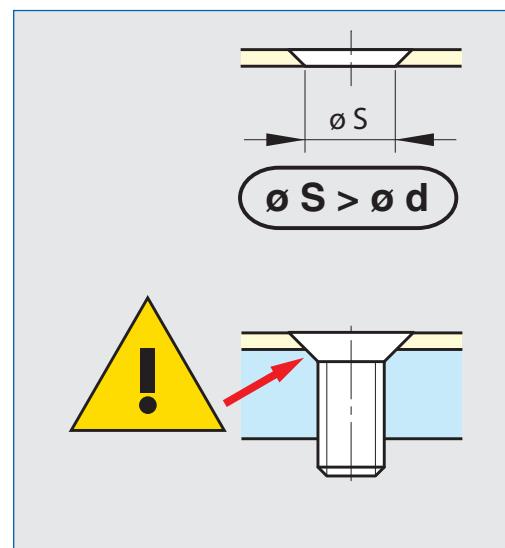
A



B



C



A: ideal situation (hinge thickness is large enough)

B: screw head protrudes from hinge (may occur if hinges are too thin)

C: screw head is flush but the mounting surface has to be enlarged (may occur if hinges are thin)



Continuous hinges

Aluminium profile continuous hinges

FinAlu® continuous hinge

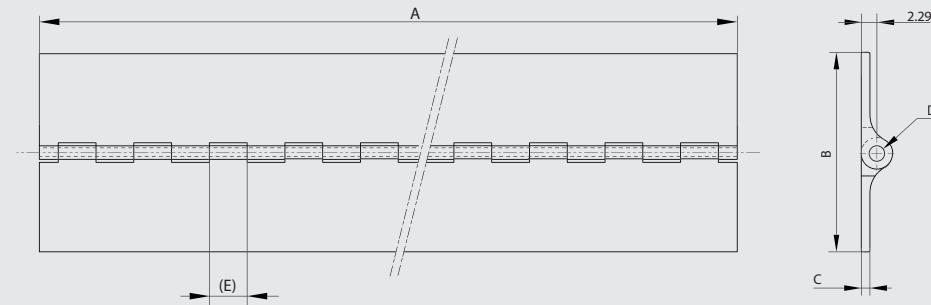
Continuous hinges in aluminium profile with a small pin diameter.

This nice design can be used in many applications (medical, electronic enclosures, food equipment, transportation...).

These hinges have the same dimensions as hinges used in the aircraft industry.



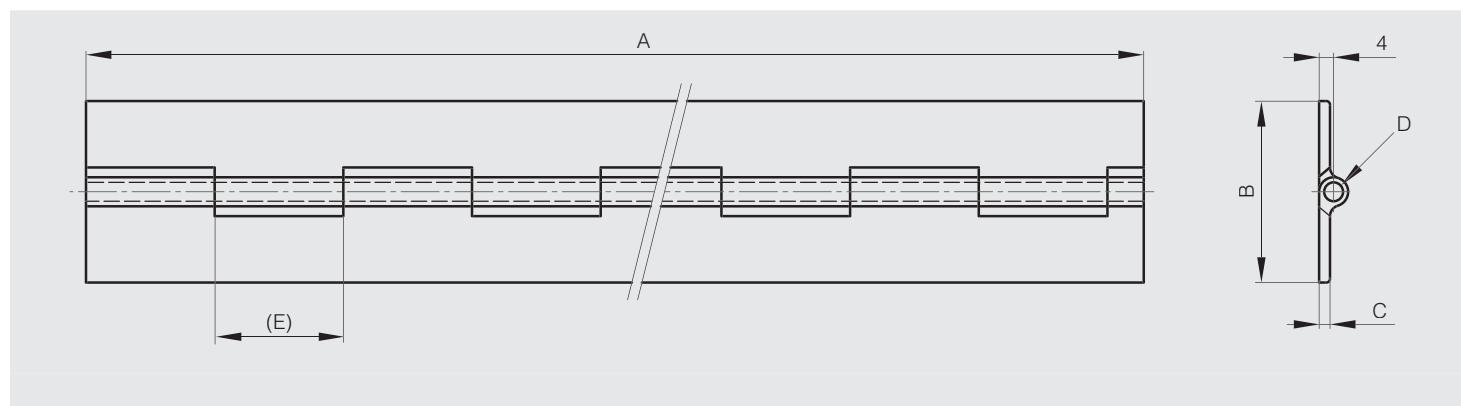
Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
72-1-4243	6082 T5 alu	anodised	915	31.75	1.3	2.2	12.7	stainless steel	undrilled	150
72-1-4244	6082 T5 alu	raw	1830	31.75	1.3	2.2	12.7	stainless steel	undrilled	300
72-1-4245	6082 T5 alu	anodised	915	44.45	1.3	2.2	12.7	stainless steel	undrilled	190
72-1-4246	6082 T5 alu	raw	1830	44.45	1.3	2.2	12.7	stainless steel	undrilled	380
72-1-4247	6082 T5 alu	anodised	915	63.5	1.3	2.2	12.7	stainless steel	undrilled	250
72-1-4248	6082 T5 alu	raw	1830	63.5	1.3	2.2	12.7	stainless steel	undrilled	500



Aluminium profile continuous hinge - 50 mm

Opening angle 270°. Other lengths are available on request.

Specific drilling requirements are also available on request.



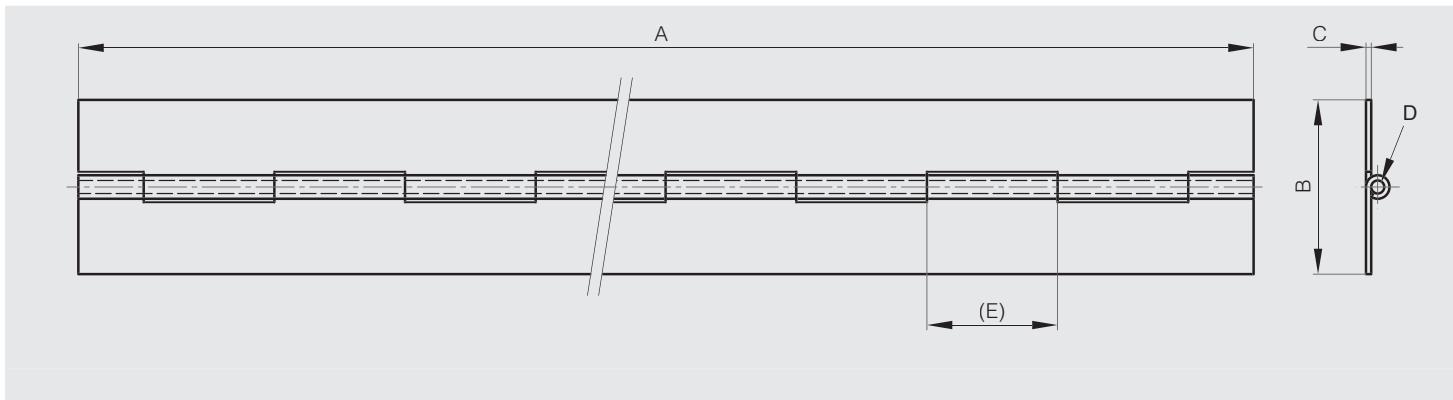
Rolled knuckle continuous hinges

Rolled knuckle continuous hinge - 15 mm width

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
40-1-3327	steel	raw	2040	15	0.7	1.5	15	steel	undrilled	260

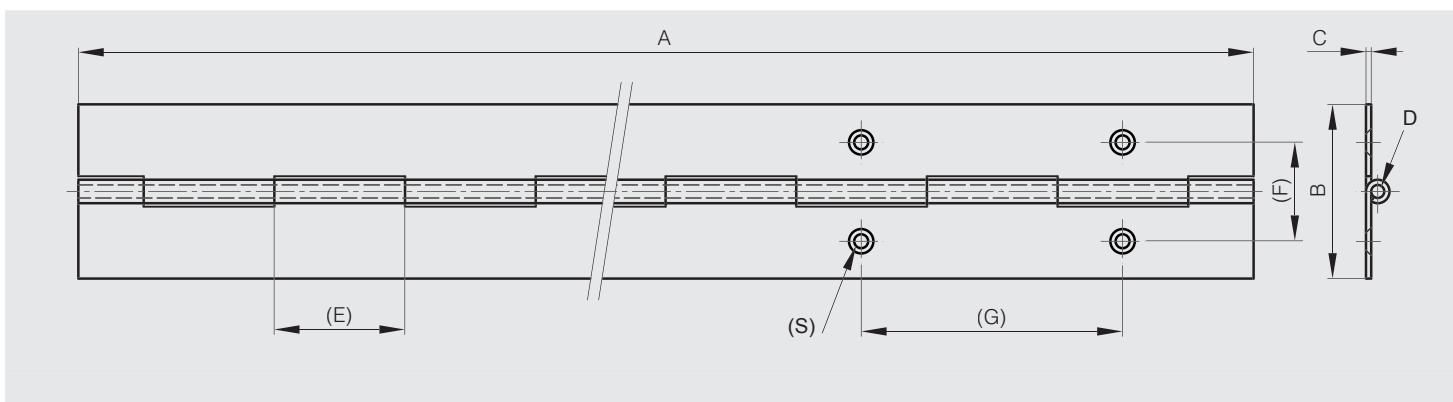


Rolled knuckle continuous hinge - 20 mm width

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	F	G	S	Pin material	Note	Weight (g)
40-1-3328	steel	raw	2040	20	0.8	2	15				steel	undrilled	320
40-1-3321	steel	raw	2040	20	0.8	2	15	11.5	60	2.8	steel	drilled	310
41-1-3529	5754 alu	raw	2000	20	0.6	2.4	15				steel	undrilled	117
42-1-3664	304 stainless steel	raw	2040	20	0.8	2	15				stainless steel	undrilled	320
42-1-4195	304 stainless steel	raw	2040	20	0.8	2	15	11.5	60	2.8	stainless steel	drilled	310



Continuous hinges

Rolled knuckle continuous hinges

Rolled knuckle continuous hinge - 25 mm width

Opening angle 270°. Other lengths and pin materials are available on request.

Specific drilling requirements are also available on request.

Hinge in raw galvanised steel is made of pregalvanised steel. Therefore any cut surface is ungalvanised.



270° ALU STAINLESS STEEL STEEL RoHS



Part number	Material	Finish	A	B	C	D	E	F	G	S	Pin material	Note	Weight (g)
40-1-3329	steel	raw	2040	25	0.8	2	15				steel	undrilled	440
40-1-3322	steel	raw	2040	25	0.8	2	15	14	60	2.8	steel	drilled	420
40-1-4677	galvanised steel	raw	1800	25	1.2	3	30				brass	undrilled	500
NEW 41-1-3559	5754 alu	raw	1000	25	0.8	2	15				steel	undrilled	88
NEW 42-1-3910	304 stainless steel	raw	1020	25	0.8	2	15				stainless steel	undrilled	224
42-1-3767	304 stainless steel	raw	2040	25	0.8	2	15				stainless steel	undrilled	448
42-1-4196	304 stainless steel	raw	2040	25	0.8	2	15	14	60	3.6	stainless steel	drilled	420
42-1-4096	304 stainless steel	raw	1800	25	1	2	15				stainless steel	undrilled	500
42-1-3949	304 stainless steel	raw	2040	25	1	2	15				stainless steel	undrilled	558
NEW 42-1-4546	316L stainless steel	raw	1980	25	0.8	2	15				stainless steel	undrilled	385

Rolled knuckle continuous hinge - 30 mm width

Opening angle 270°. Other lengths and pin materials are available on request.

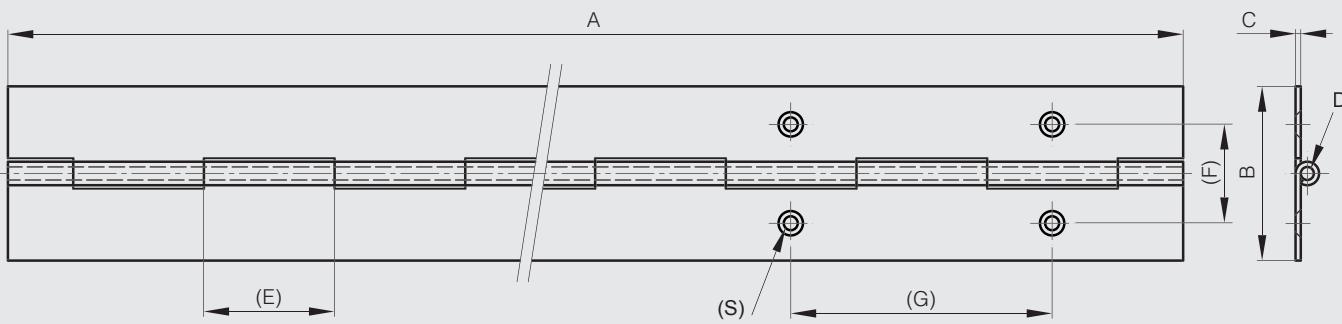
Specific drilling requirements are also available on request.



270° ALU STAINLESS STEEL STEEL RoHS



Part number	Material	Finish	A	B	C	D	E	F	G	S	Pin material	Note	Weight (g)
40-1-3330	steel	raw	2040	30	0.8	2	15				steel	undrilled	510
40-1-3323	steel	raw	2040	30	0.8	2	15	16.8	60	3.9	steel	drilled	460
40-1-3679	steel	raw	2040	30	1	2	15				steel	undrilled	640
40-1-3680	steel	raw	2040	30	1	2	15	16.8	60	3.9	steel	drilled	640
40-1-4370	steel	raw	2000	30	2	6	30				steel	undrilled	1800
NEW 41-1-3560	5754 alu	raw	1980	30	1	2	15				aluminium	undrilled	205
NEW 42-1-3909	304 stainless steel	raw	1020	30	0.8	2	15				stainless steel	undrilled	255
42-1-3580	304 stainless steel	raw	2040	30	0.8	2	15				stainless steel	undrilled	510
42-1-4089	304 stainless steel	raw	1800	30	1	2	15				stainless steel	undrilled	500
42-1-3300	304 stainless steel	raw	2040	30	1	2	15				stainless steel	undrilled	670
42-1-4197	304 stainless steel	raw	2040	30	1	2	15	16.8	60	3.9	stainless steel	drilled	640
42-1-3950	304 stainless steel	raw	1995	30	1.5	4	30				stainless steel	undrilled	1283
42-1-3948	304 stainless steel	raw	1995	30	2	6	25				stainless steel	undrilled	1800
NEW 42-1-4082	316L stainless steel	raw	1020	30	1	2	15				stainless steel	undrilled	335
42-1-4000	316L stainless steel	raw	2040	30	1	2	15				stainless steel	undrilled	670



Continuous hinges

Rolled knuckle continuous hinges

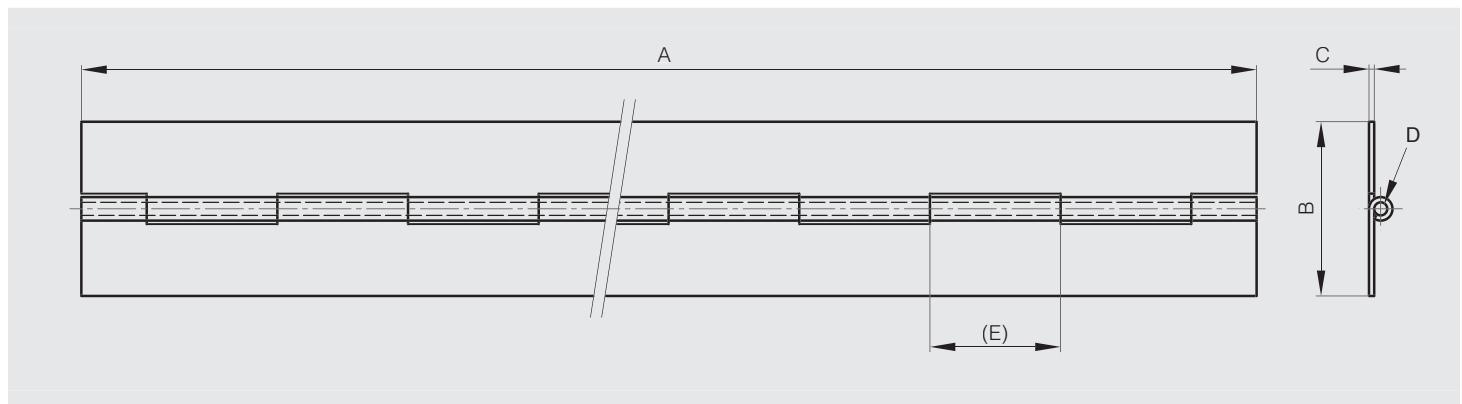
Rolled knuckle continuous hinge - 32 mm width

Opening angle 270°. Other lengths and pin materials are available on request.

Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
40-1-4771	steel	raw	1950	32	1.5	3	12.5	steel	undrilled	1030
42-1-4346	304 stainless steel	raw	1800	32	1.2	3	30	stainless steel	undrilled	790
42-1-4460	304 stainless steel	raw	1950	32	1.5	3	12.5	stainless steel	undrilled	1030



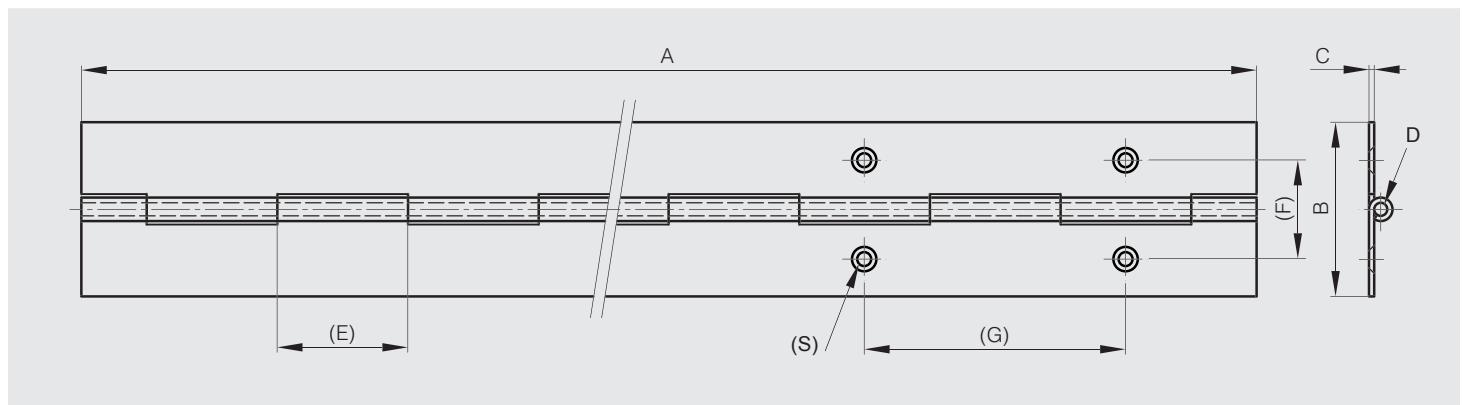
Rolled knuckle continuous hinge - 35 mm width

Opening angle 270°. Other lengths and pin materials are available on request.

Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	F	G	S	Pin material	Note	Weight (g)
40-1-3332	steel	raw	2040	35	1	2	15				steel	undrilled	700
40-1-3324	steel	raw	2040	35	1	2	15	19.5	60	4.5	steel	drilled	680
41-1-3532	5754 alu	raw	1995	35	1	3	30				aluminium	undrilled	232



Rolled knuckle continuous hinge - 40 mm width

Opening angle 270°. Other lengths and pin materials are available on request.

Specific drilling requirements are also available on request.

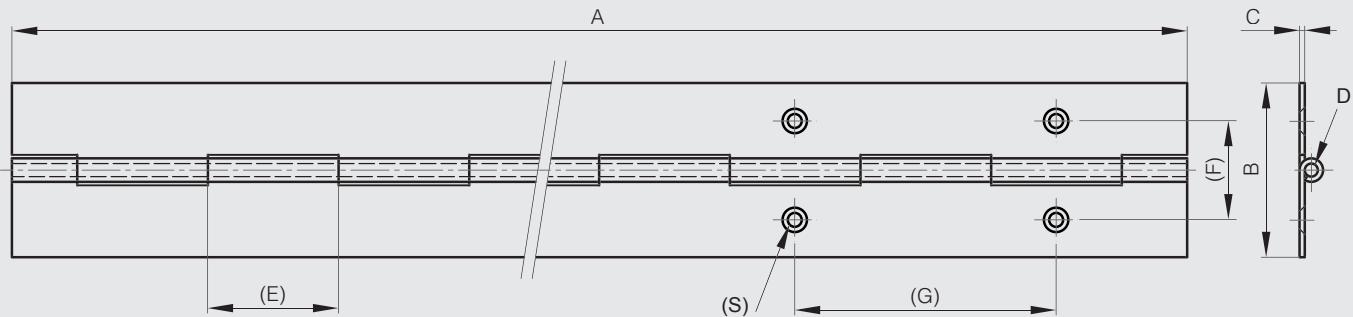
Hinge in raw galvanised steel is made of pregalvanised steel. Therefore any cut surface is ungalvanised.



270° ALU STAINLESS STEEL STEEL



Part number	Material	Finish	A	B	C	D	E	F	G	S	Pin material	Note	Weight (g)
40-1-3703	steel	raw	2040	40	0.8	2	15				steel	undrilled	650
40-1-3681	steel	raw	2040	40	1.2	3	30				steel	undrilled	1000
40-1-3682	steel	raw	2040	40	1.2	3	30	22.7	60	4.2	steel	drilled	1000
40-1-4772	steel	raw	1950	40	1.5	3	12.5				steel	undrilled	1230
40-1-3683	steel	raw	2040	40	1.5	4	15				steel	undrilled	1400
40-1-4691	galvanised steel	raw	1800	40	1.2	3	30				brass	undrilled	1520
NEW 41-1-3540	5754 alu	raw	1000	40	1.2	3	30				aluminium	undrilled	178
41-1-3520	5754 alu	raw	2040	40	1.2	3	30				aluminium	undrilled	356
41-1-3521	5754 alu	raw	2000	40	1.5	4	15				aluminium	undrilled	500
NEW 42-1-4257	304 stainless steel	raw	1020	40	1.2	3	30				stainless steel	undrilled	500
42-1-4347	304 stainless steel	raw	1800	40	1.2	3	30				stainless steel	undrilled	940
42-1-4350	304 stainless steel	raw	2040	40	1.2	3	30				stainless steel	undrilled	1000
42-1-4349	304 stainless steel	raw	2040	40	1.2	3	30	22.7	60	4.2	stainless steel	drilled	1000
42-1-4461	304 stainless steel	raw	1950	40	1.5	3	12.5				stainless steel	undrilled	1230
42-1-3301	304 stainless steel	raw	2040	40	1.5	4	15				stainless steel	undrilled	1400
42-1-4199	304 stainless steel	raw	2040	40	1.5	4	15	22.7	60	4	stainless steel	drilled	1400
42-1-3770	304 stainless steel	raw	2040	44	2	6	30				stainless steel	undrilled	2463
NEW 42-1-4083	316L stainless steel	raw	1020	40	1.5	4	15				stainless steel	undrilled	700
42-1-4001	316L stainless steel	raw	2040	40	1.5	4	15				stainless steel	undrilled	1400
42-1-3665	430 stainless steel	raw	2040	40	0.8	2	15				stainless steel	undrilled	650



Rolled knuckle continuous hinges

Rolled knuckle continuous hinge - 50 mm width

Opening angle 270°. Other lengths and pin materials are available on request.

Specific drilling requirements are also available on request.

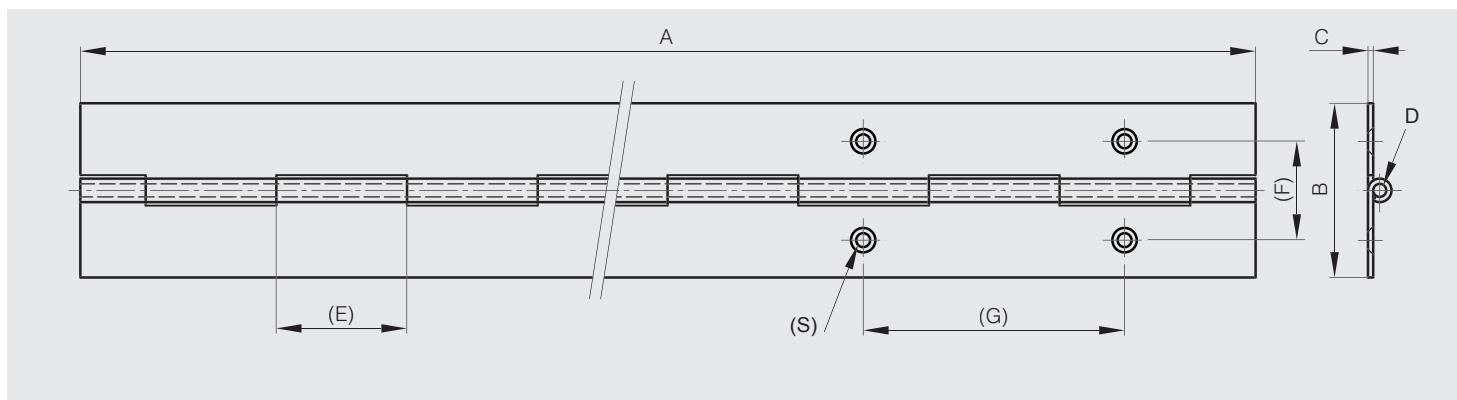
Hinge in raw galvanised steel is made of pregalvanised steel. Therefore any cut surface is ungalvanised.



270° ALU STAINLESS STEEL STEEL



Part number	Material	Finish	A	B	C	D	E	F	G	S	Pin material	Note	Weight (g)
40-1-3704	steel	raw	2040	50	1.2	3	30				steel	undrilled	1300
40-1-3758	steel	raw	2040	50	1.2	3	30	28	60	4	steel	drilled	1270
40-1-4773	steel	raw	1950	50	1.5	3	12.5				steel	undrilled	1450
40-1-4355	steel	raw	2040	50	2	6	30				steel	undrilled	2486
40-1-4679	galvanised steel	raw	1800	50	1.2	3	30				brass	undrilled	1800
41-1-3531	5754 alu	raw	2040	50	1.2	3	30				aluminium	undrilled	459
NEW 41-1-3541	5754 alu	raw	1000	50	1.5	4	15				aluminium	undrilled	306
41-1-3522	5754 alu	raw	2000	50	1.5	4	15				aluminium	undrilled	612
NEW 42-1-4258	304 stainless steel	raw	1020	50	1.2	3	30				stainless steel	undrilled	650
42-1-4348	304 stainless steel	raw	1800	50	1.2	3	30				stainless steel	undrilled	1100
42-1-4353	304 stainless steel	raw	2040	50	1.2	3	30				stainless steel	undrilled	1300
42-1-4352	304 stainless steel	raw	2040	50	1.2	3	30	28	60	4	stainless steel	drilled	1270
42-1-4462	304 stainless steel	raw	1950	50	1.5	3	12.5				stainless steel	undrilled	1450
42-1-4219	304 stainless steel	raw	1800	50	1.5	4	15				stainless steel	undrilled	1500
42-1-3918	304 stainless steel	raw	2000	50	2	4	25				stainless steel	undrilled	2350
NEW 42-1-4259	316L stainless steel	raw	1020	50	1.2	3	20				stainless steel	undrilled	655
42-1-4354	316L stainless steel	raw	2040	50	1.2	3	30				stainless steel	undrilled	1310



Continuous hinges

Rolled knuckle continuous hinges

Rolled knuckle continuous hinge - 57 mm width

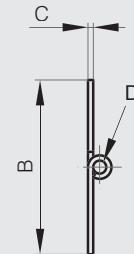
Opening angle 270°. Other lengths and pin materials are available on request.

Specific drilling requirements are also available on request.

Hinge in raw galvanised steel is made of pregalvanised steel. Therefore any cut surface is ungalvanised.



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
40-1-4680	galvanised steel	raw	2160	57	1.5	4	15	brass	undrilled	2000
40-1-4682	galvanised steel	raw	2160	57	2	6	30	brass	undrilled	2970
42-1-4220	304 stainless steel	raw	2160	57	1.5	4	15	stainless steel	undrilled	2000



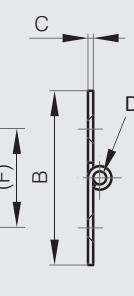
Rolled knuckle continuous hinge - 60 mm width

Opening angle 270°. Other lengths and pin materials are available on request.

Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	F	G	S	Pin material	Note	Weight (g)
40-1-3541	steel	raw	1995	60	1.5	5	40				steel	undrilled	1980
40-1-3335	steel	raw	2000	60	1.5	8	40				steel	undrilled	2600
40-1-4371	steel	raw	2040	60	2	6	30				steel	undrilled	2800
41-1-3523	5754 alu	raw	1995	60	2	6	30				aluminium	undrilled	998
NEW 42-1-4086	304 stainless steel	raw	1020	60	2	6	30				stainless steel	undrilled	1400
42-1-3302	304 stainless steel	raw	2040	60	2	6	30				stainless steel	undrilled	2800
42-1-4201	304 stainless steel	raw	2040	60	2	6	30	35	60	4	stainless steel	drilled	2800
NEW 42-1-4085	316L stainless steel	raw	1020	60	2	6	30				stainless steel	undrilled	1400
42-1-4002	316L stainless steel	raw	2040	60	2	6	30				stainless steel	undrilled	2800



Rolled knuckle continuous hinges

Rolled knuckle continuous hinge - 63 mm width

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
42-1-4221	304 stainless steel	raw	1800	63	1.5	4	15	stainless steel	undrilled	1800



Rolled knuckle continuous hinge - 70 mm width

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
40-1-4372	steel	raw	2040	70	2	6	30	steel	undrilled	3114
42-1-4097	304 stainless steel	raw	1800	70	1.5	4	15	stainless steel	undrilled	1900
42-1-3859	304 stainless steel	raw	2040	70	2	6	30	stainless steel	undrilled	3120



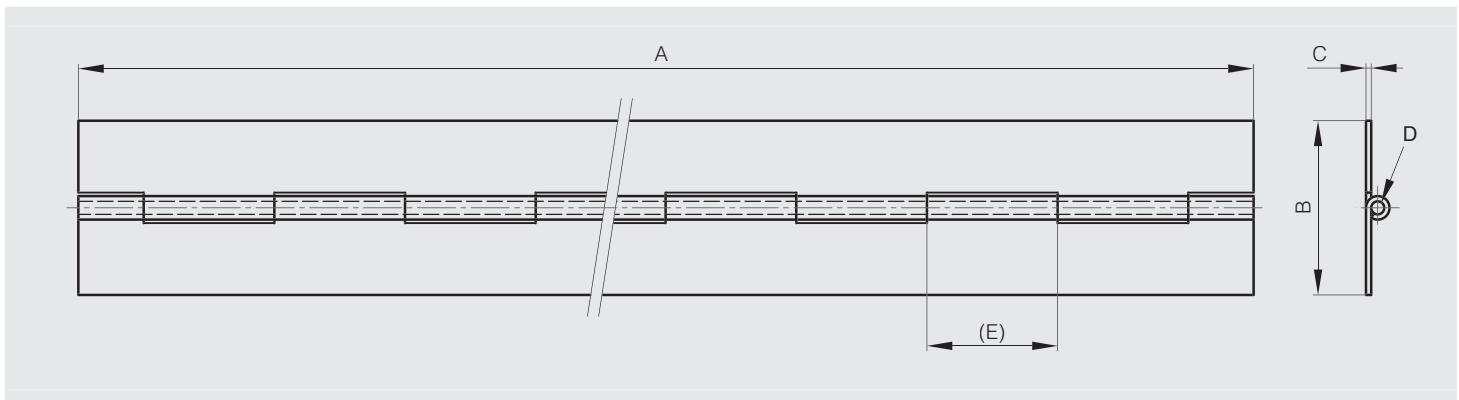
Rolled knuckle continuous hinge - 76 mm width

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Hinge in raw galvanised steel is made of pregalvanised steel. Therefore any cut surface is ungalvanised.

Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
40-1-4681	galvanised steel	raw	2160	76	1.5	4	15	brass	undrilled	2400
42-1-4094	304 stainless steel	raw	2160	76	1.5	4	15	stainless steel	undrilled	2400





Continuous hinges

Rolled knuckle continuous hinges

Rolled knuckle continuous hinge - 80 mm width

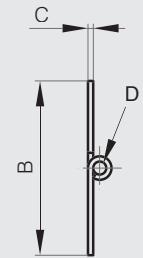
Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



270° ALU STAINLESS STEEL STEEL



Part number	Material	Finish	A	B	C	D	E	F	G	S	Pin material	Note	Weight (g)
40-1-4774	steel	raw	1950	80	1.5	3	12.5				steel	undrilled	2170
40-1-3542	steel	raw	2000	80	2	7.6	40				steel	undrilled	3900
40-1-4369	steel	raw	2000	80	3	6	40				steel	undrilled	5060
41-1-3558	5754 alu	raw	1995	80	3	6	40				aluminium	undrilled	1780
42-1-4463	304 stainless steel	raw	1950	80	1.5	3	12.5				stainless steel	undrilled	2170
42-1-3304	304 stainless steel	raw	1000	80	3	6	40				stainless steel	undrilled	2530
42-1-3569	304 stainless steel	raw	2000	80	3	6	40				stainless steel	undrilled	5060
NEW 42-1-4547	304 stainless steel	raw	2000	80	3	6	40	35	60	5.2	stainless steel	drilled	5000
NEW 42-1-4548	316L stainless steel	raw	1980	80	2	6	30				stainless steel	undrilled	3470



Rolled knuckle continuous hinge - 100 mm width

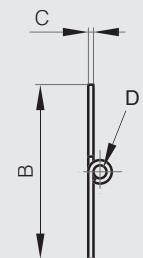
Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



270° ALU STAINLESS STEEL STEEL



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
40-1-3543	steel	raw	2000	100	3	10	40	steel	undrilled	7100
40-1-4769	steel	raw	1000	100	4	10	40	steel	undrilled	4690
NEW 41-1-3561	5754 alu	raw	1000	100	4	10	40	steel	undrilled	2030
42-1-4459	304 stainless steel	raw	2000	100	3	6	40	stainless steel	undrilled	5930
42-1-4458	304 stainless steel	raw	1995	100	3	10	40	stainless steel	undrilled	7110



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
40-1-3543	steel	raw	2000	100	3	10	40	steel	undrilled	7100
40-1-4769	steel	raw	1000	100	4	10	40	steel	undrilled	4690
NEW 41-1-3561	5754 alu	raw	1000	100	4	10	40	steel	undrilled	2030
42-1-4459	304 stainless steel	raw	2000	100	3	6	40	stainless steel	undrilled	5930
42-1-4458	304 stainless steel	raw	1995	100	3	10	40	stainless steel	undrilled	7110

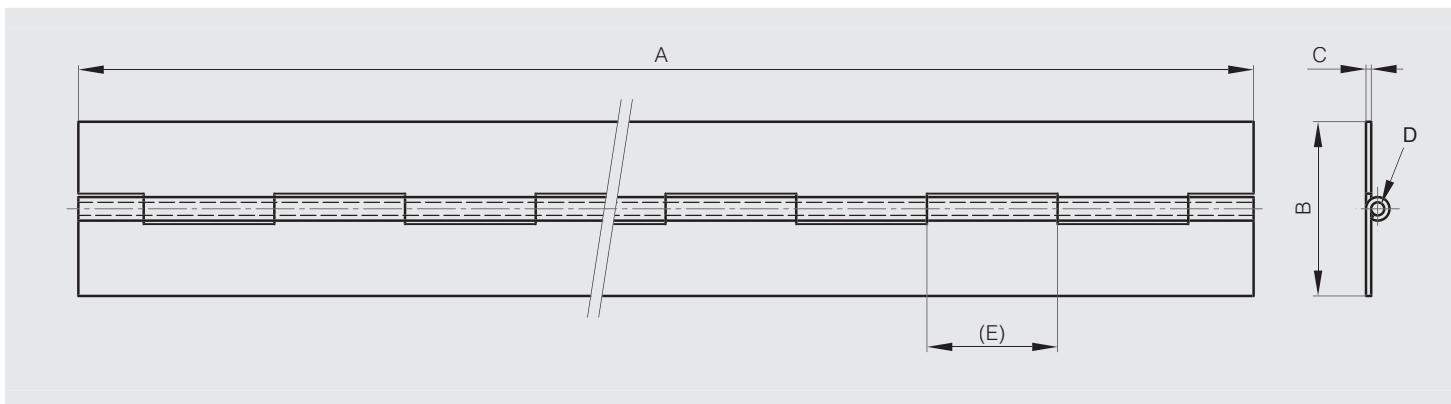
Rolled knuckle continuous hinges

Rolled knuckle continuous hinge - 120 mm width

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
40-1-4770	steel	raw	1000	120	5	10	40	steel	undrilled	6550
42-1-4095	304 stainless steel	raw	2100	120	2	6	30	stainless steel	undrilled	5000

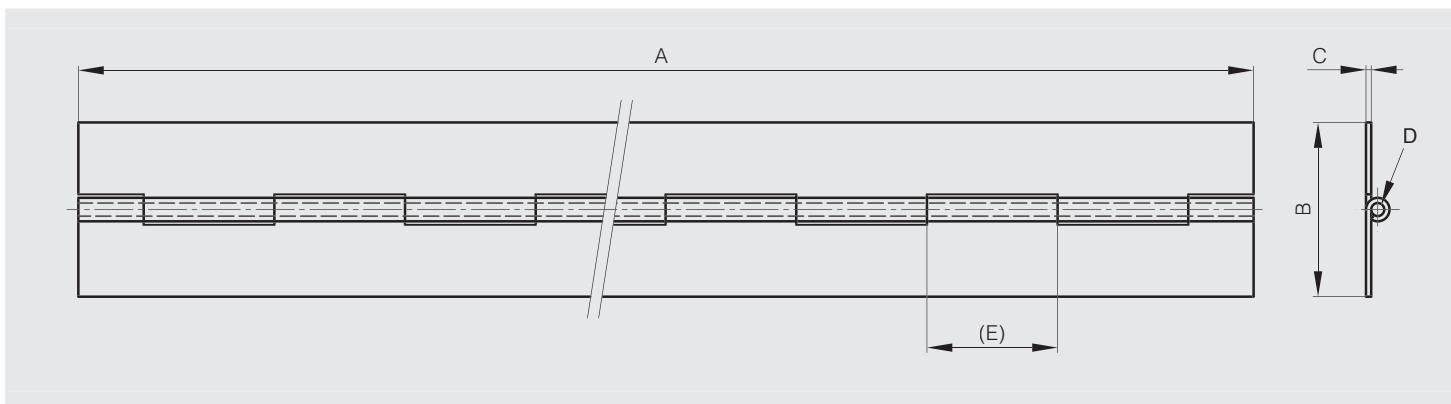


Rolled knuckle continuous hinge - 127 mm width

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.
Hinge in raw galvanised steel is made of pregalvanised steel. Therefore any cut surface is ungalvanised.



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
40-1-4685	galvanised steel	raw	2160	127	3	6	40	brass	undrilled	8000





Continuous hinges

Polymer continuous hinges

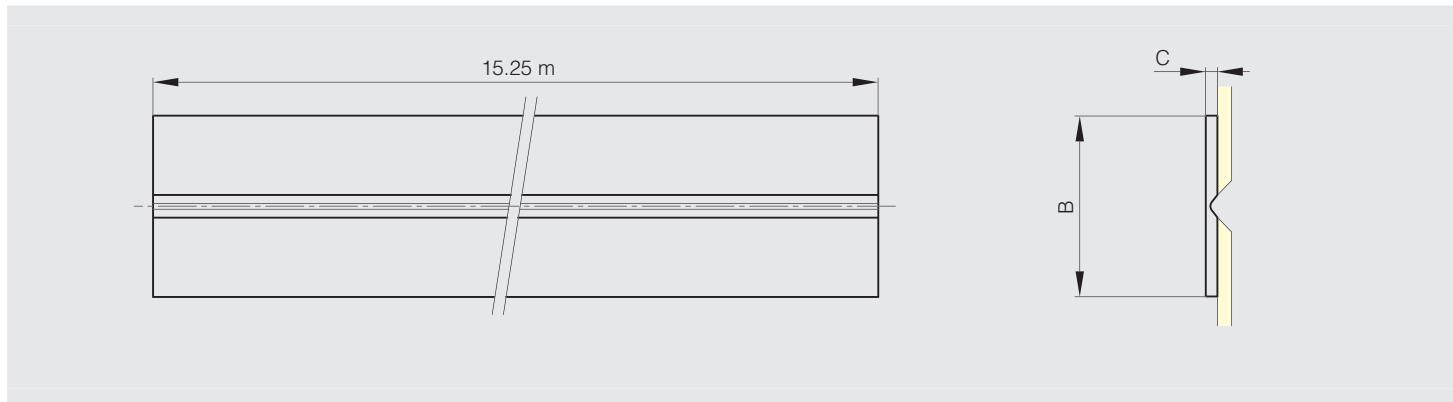
Polymer continuous hinges in 15.25 meter rolls

Technical features:

- Temperature: -40°C up to +80°C.
- Can be fixed with: rivets, screws, nails or clamps.
- Chemical resistance: oil, solvents, sea water and most chemical agents.
- Tensile resistance: 180 N/cm.
- Material offers excellent fatigue resistance.



Part number	Material	Finish	B	C	Weight (g)
44-7-3000	polypropylene	white	28.6	3.2	1050
44-7-3001	polypropylene	grey	28.6	3.2	1050
44-7-3002	polypropylene	black	28.6	3.2	1050
44-7-3003	polypropylene	white	38.1	3.2	1450
44-7-3004	polypropylene	grey	38.1	3.2	1450
44-7-3005	polypropylene	black	38.1	3.2	1450
44-7-3006	polypropylene	white	50.8	3.2	2300
44-7-3007	polypropylene	grey	50.8	3.2	2300
44-7-3008	polypropylene	black	50.8	3.2	2300
44-7-3009	polypropylene	white	76.2	3.2	2900
44-7-3010	polypropylene	grey	76.2	3.2	2900
44-7-3011	polypropylene	black	76.2	3.2	2900



Continuous hinges

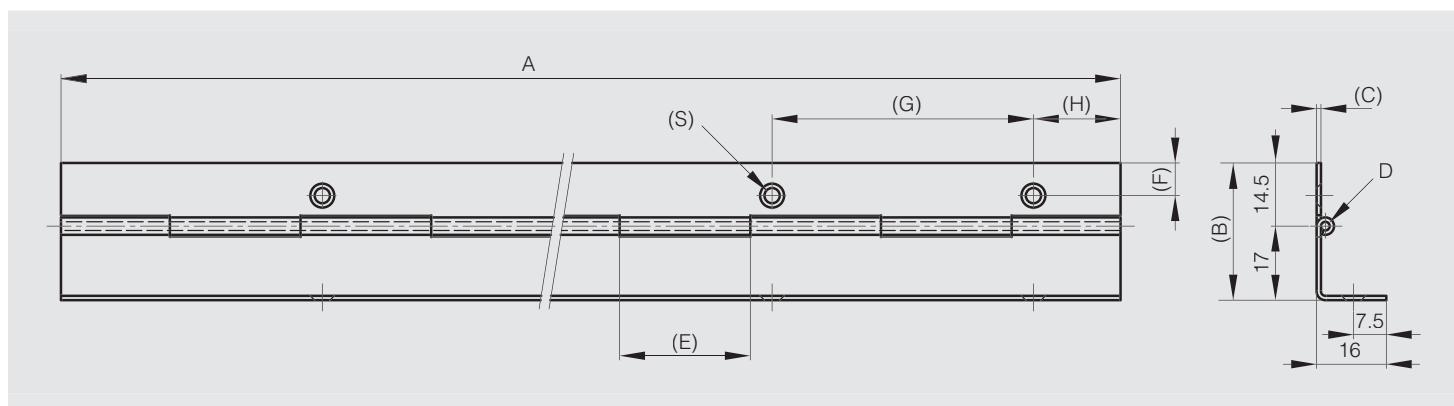
Continuous hinges with cranked leaves

Drilled continuous hinge with one cranked leaf

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	F	G	H	S	Pin material	Note	Weight (g)
39-1-3302	steel	zinc plated	1000	31.5	1	2	30	7.5	60	20	3.5	304 stainless steel	drilled	430
39-1-3631	steel	zinc plated	2000	31.5	1	2	30	7.5	60	20	3.5	304 stainless steel	drilled	860
39-1-3630	304 stainless steel	raw	1995	31.5	1	2	30	7.5	60	20	3.5	304 stainless steel	drilled	860

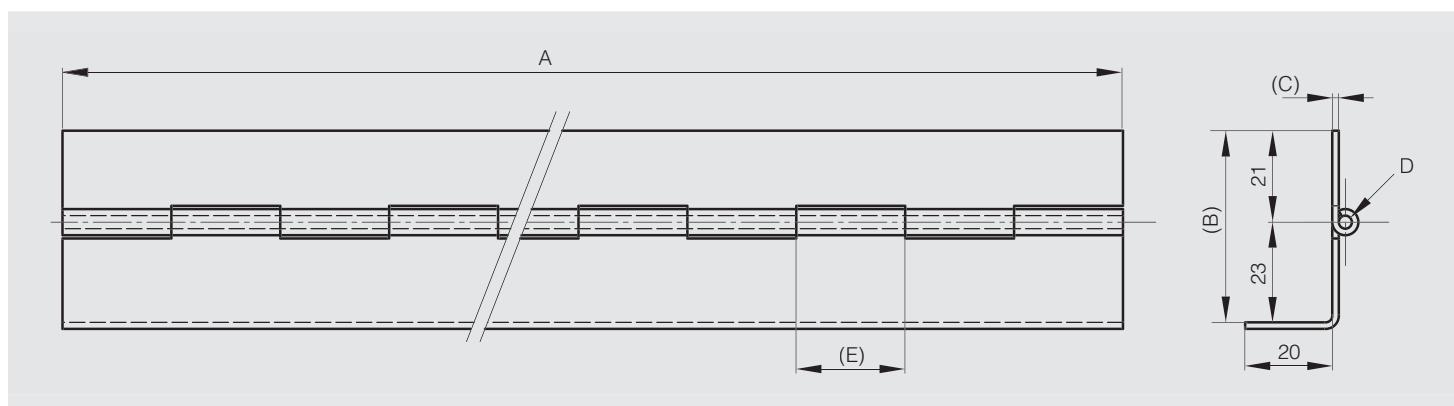


Undrilled continuous hinge with one cranked leaf

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
39-1-3632	steel	zinc plated	1995	44	1.5	3	25	304 stainless steel	undrilled	1756
39-1-3633	304 stainless steel	raw	1995	44	1.5	3	25	304 stainless steel	undrilled	1787
39-1-3300	430 stainless steel	raw	1600	44	1.5	3	25	304 stainless steel	undrilled	1430



Continuous hinges

Continuous hinges with cranked leaves

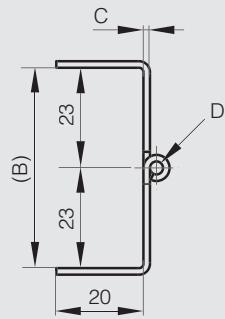
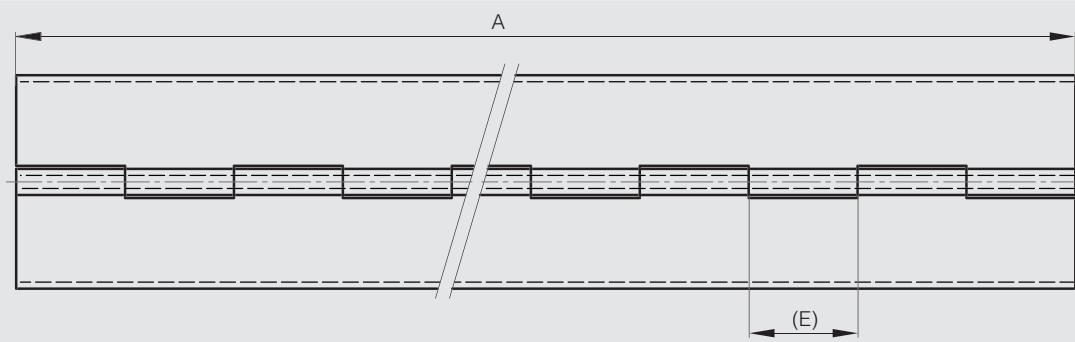
Continuous hinge with two cranked leaves

Opening angle 270°. Other lengths and pin materials are available on request.

Specific drilling requirements are also available on request.



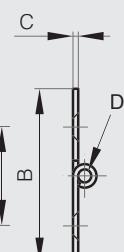
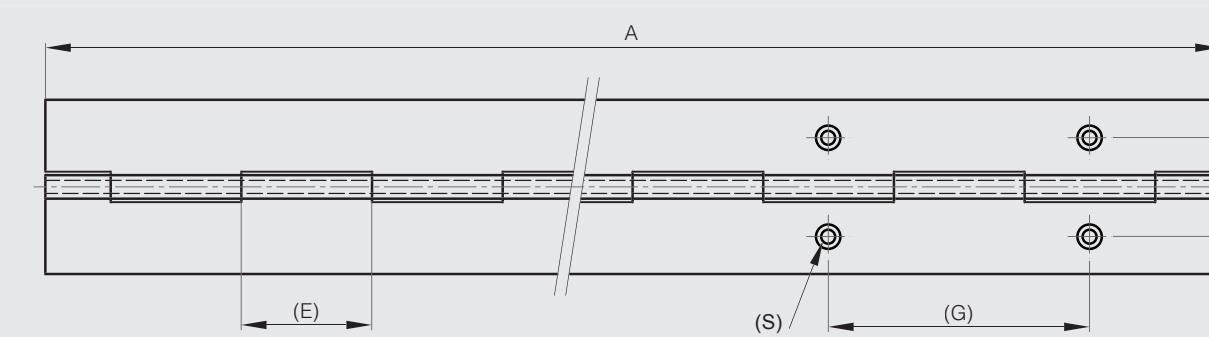
Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
39-1-3634	steel	zinc plated	1995	46	1.5	3	25	304 stainless steel	undrilled	1910
39-1-3635	304 stainless steel	raw	2000	46	1.5	3	25	304 stainless steel	undrilled	1944



Rolled knuckle continuous hinge "Imperial" dimension



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
42-1-4096	304 stainless steel	raw	6'	1"	0.04"	0.08"	5/8"	stainless steel	undrilled	500
42-1-4089	304 stainless steel	raw	6'	1" 1/4	0.04"	0.08"	5/8"	stainless steel	undrilled	500
42-1-4346	304 stainless steel	raw	6'	1" 1/4	3/64"	1/8"	3/4"	stainless steel	undrilled	790
42-1-4347	304 stainless steel	raw	6'	1" 1/2	3/64"	1/8"	3/4"	stainless steel	undrilled	940
42-1-4348	304 stainless steel	raw	6'	2"	3/64"	1/8"	3/4"	stainless steel	undrilled	1100
42-1-4219	304 stainless steel	raw	6'	2"	1/16"	5/32"	5/8"	stainless steel	undrilled	1500
42-1-4220	304 stainless steel	raw	7'	2" 1/4	1/16"	5/32"	5/8"	stainless steel	undrilled	2000
42-1-4221	304 stainless steel	raw	6'	2" 1/2	1/16"	5/32"	5/8"	stainless steel	undrilled	1800
42-1-4097	304 stainless steel	raw	6'	2" 3/4	1/16"	5/32"	5/8"	stainless steel	undrilled	1900
42-1-4094	304 stainless steel	raw	7'	3"	1/16"	5/32"	5/8"	stainless steel	undrilled	2400
42-1-4095	304 stainless steel	raw	7'	5"	0.08"	1/4"	1" 1/4	stainless steel	undrilled	5000



Double knuckle continuous hinge

Double knuckle continuous hinge

Hinge in aluminium profile for 180° opening angle.

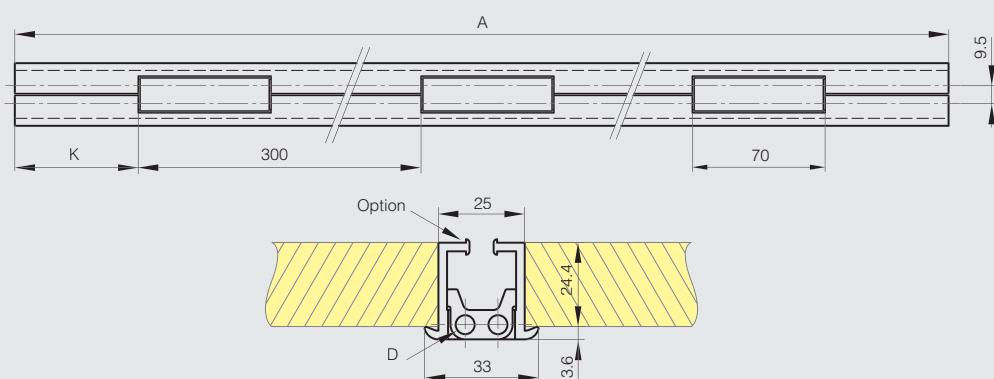
Delivered without watertight gasket (to be ordered separately).

With fixed friction washers.

Non-drilled hinges.



Part number	Material	Finish	A	D	K	Pin material	Weight (g)
73-1-3520	6060 T5 alu	clear anodised	2000	5	65	304 stainless steel	2500
73-1-3521	6060 T5 alu	clear anodised	2500	5	15	304 stainless steel	3140
73-1-3522	6060 T5 alu	clear anodised	3000	5	115	304 stainless steel	3780

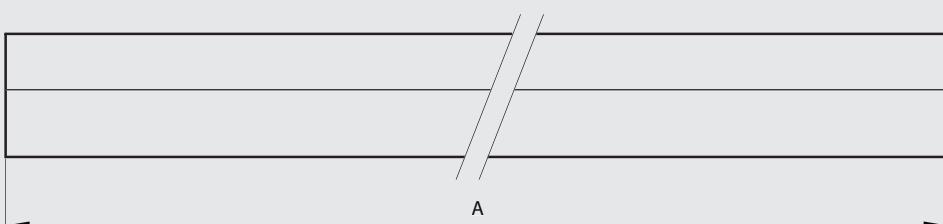


Seal gasket for double knuckle continuous hinge

Gasket made of soft rubber with a steel clip-on core and foam rubber.



Part number	Material	A
27-1-3816	reinforced rubber profile	2000
27-1-3817	reinforced rubber profile	2500
27-1-3818	reinforced rubber profile	3000





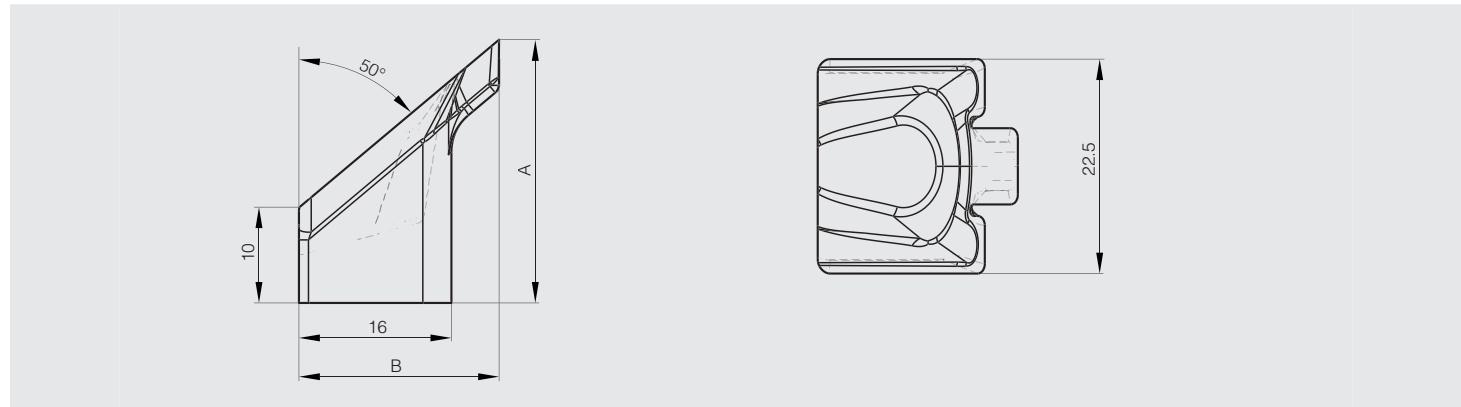
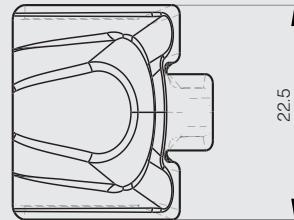
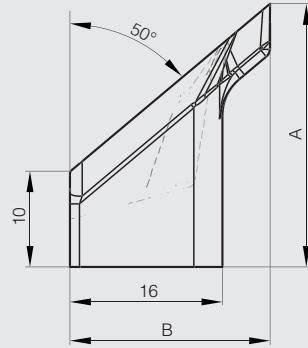
Humidity drain gasket

Moisture collector to be positionned on the floor in line with the double knuckle hinge (when closed).



POLYMER
RoHS

Part number	Material	A	B	Weight (g)
NEW 99-7-3691	polyurethane	27.6	21	3





Concealed hinges

Concealed hinges for surface mounted doors only

Concealed hinges A - 120° opening

Zinc plated steel version: small flat side in raw steel.

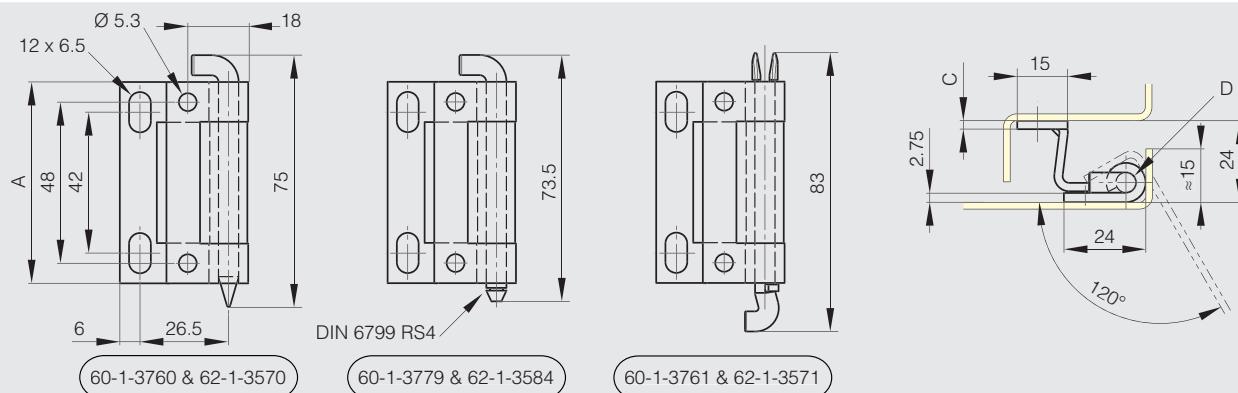
Stainless steel version: small flat side in stainless steel.

Natural POM pin diameter 6.

For pin with groove, optimal use of circlips DIN 6799 RS4 or O-ring 99-7-3723 (on request).



Part number	Material	Finish	A	C	D	Pin	Weight (g)
60-1-3760	steel	zinc plated	60	2.5	6	zinc plated pin	85
60-1-3779	steel	zinc plated	60	2.5	6	zinc plated grooved pin	85
60-1-3761	steel	zinc plated	60	2.5	6	delrin pin	85
62-1-3570	304 stainless steel	raw	60	2.5	6	304 stainless steel pin	85
62-1-3584	304 stainless steel	raw	60	2.5	6	303 stainless steel grooved pin	85
62-1-3571	304 stainless steel	raw	60	2.5	6	delrin pin	85



Concealed hinges B - 120° opening

Zinc plated steel version: small flat side in raw steel.

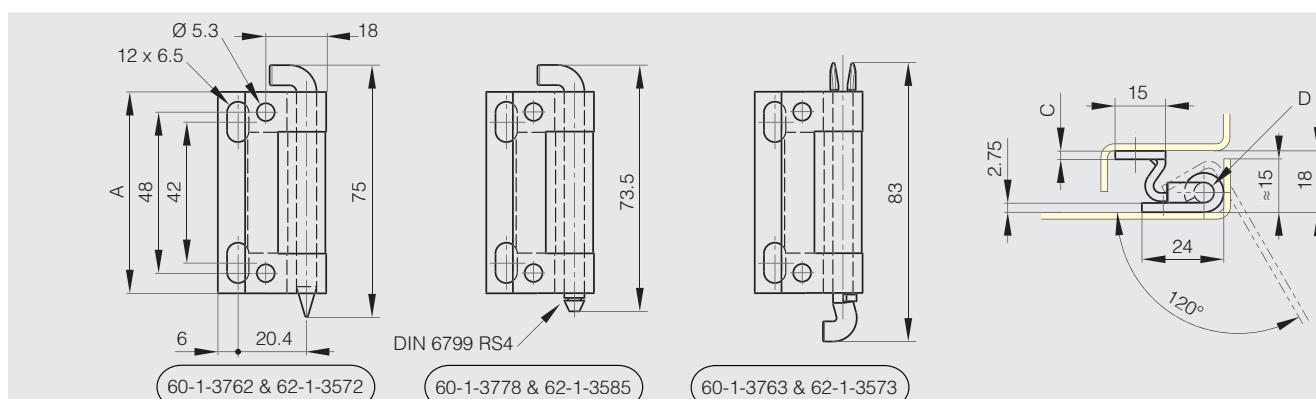
Stainless steel version: small flat side in stainless steel.

Natural POM pin diameter 6.

For pin with groove, optimal use of circlips DIN 6799 RS4 or O-ring 99-7-3723 (on request).



Part number	Material	Finish	A	C	D	Pin	Weight (g)
60-1-3762	steel	zinc plated	60	2.5	6	zinc plated pin	75
60-1-3778	steel	zinc plated	60	2.5	6	zinc plated grooved pin	75
60-1-3763	steel	zinc plated	60	2.5	6	delrin pin	75
62-1-3572	304 stainless steel	raw	60	2.5	6	304 stainless steel pin	75
62-1-3585	304 stainless steel	raw	60	2.5	6	303 stainless steel grooved pin	75
62-1-3573	304 stainless steel	raw	60	2.5	6	delrin pin	75



Concealed hinges

Concealed hinges for surface mounted doors only

Concealed hinge with removable pin - 110° opening

Male leaf in raw steel.

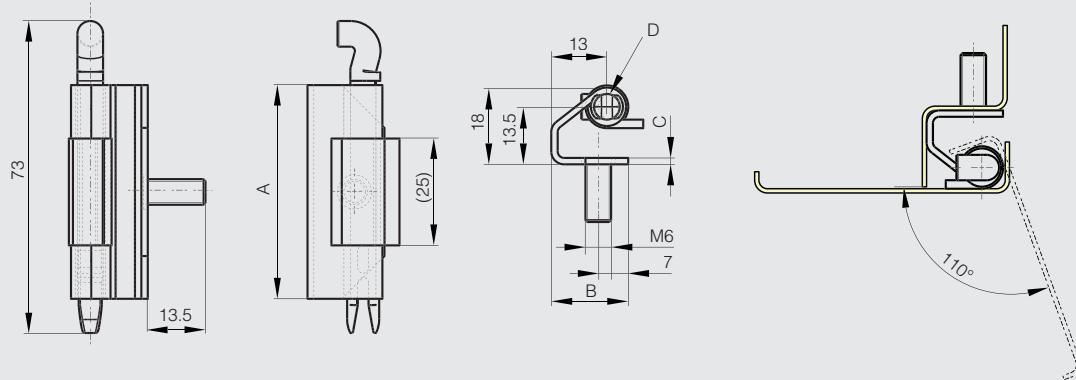
Female leaf in zinc plated steel with stud.

Removable pin in POM.



110° STEEL RoHS

Part number	Material	Finish	A	B	C	Pin	Note	Weight (g)
NEW 60-1-3918	steel	raw / zinc plated	50	18	2	POM pin	male leaf in raw steel	40

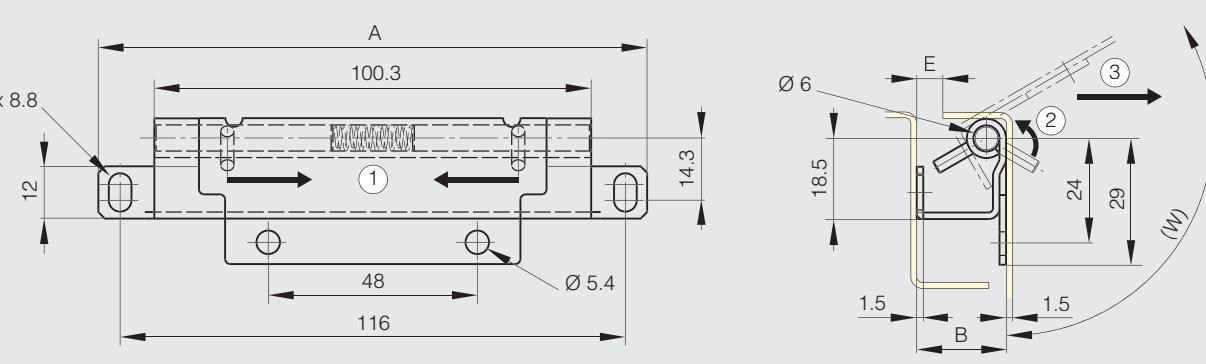


Concealed hinges with retractable pin

Quick-release concealed hinge for tool-free door removal with fixed retractable pin.

120° STAINLESS STEEL RoHS

Part number	Material	Finish	A	B	E	W	Weight (g)
62-1-9000	stainless steel	raw	126	17.5	3	122°	73
62-1-9001	stainless steel	raw	126	20.5	4	117°	84
62-1-9002	stainless steel	raw	126	23.9	4.5	112°	100



Concealed hinges

Concealed hinges for surface mounted doors only

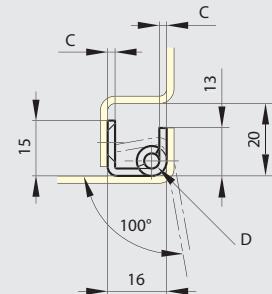
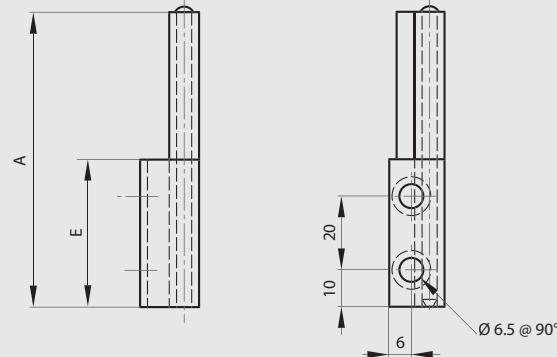
Concealed pin hinges - 100° opening

Non handed fitting.

Removable pin in 304 stainless steel.



Part number	Material	Finish	A	C	D	E	Weight (g)
12-1-3537	steel	raw	80	2	4	40	45
12-1-3538	304 stainless steel	raw	80	2	4	40	45



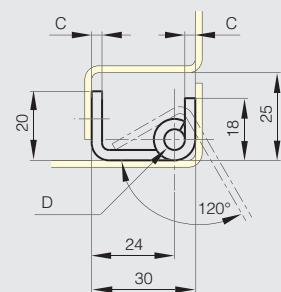
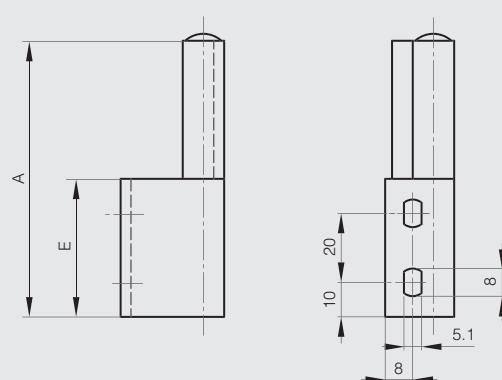
Concealed pin hinges - 120° opening

Non handed fitting.

Removable pin in 304 stainless steel.



Part number	Material	Finish	A	C	D	E	Weight (g)
12-1-3524	steel	raw	80	3	6	40	107
12-1-3528	304 stainless steel	raw	80	3	6	40	107



Concealed hinges

Concealed hinges for nested doors only

Concealed hinges with spring - 95° opening

Concealed hinges with 2 positions:

- Closing position: door remains open with an angle of 10°.
- Opening position: door opens up to 95°.

Closing of door due to spring action and door remains slightly opened.

Applications for parcel box:

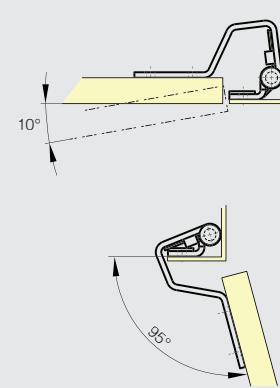
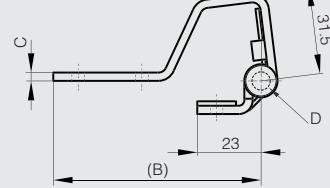
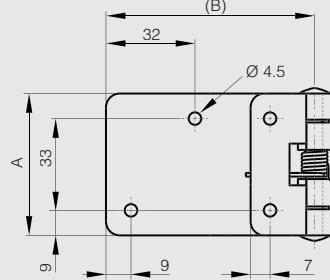
- Door automatically opens after code entry.
- Door doesn't remain in opening position.



90° | 1mm | STAINLESS STEEL | STEEL | RoHS



Part number	Material	Finish	A	B	C	D	Weight (g)
NEW 71-1-3812	steel	zinc plated	51	75	3	6	200
NEW 71-1-3867	304 stainless steel	raw	51	75	3	6	200

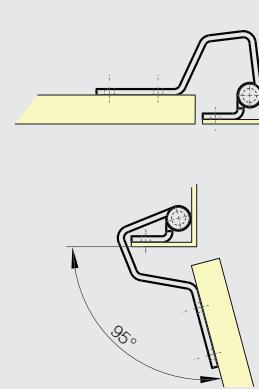
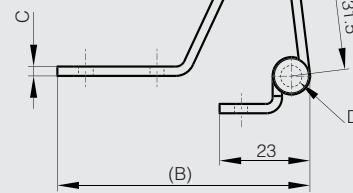
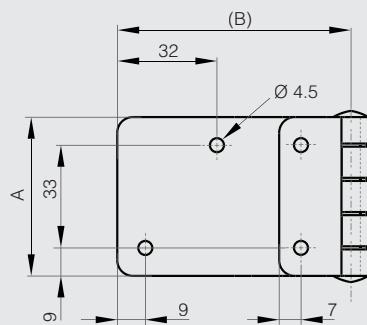


Concealed hinges without spring - 95° opening



90° | STAINLESS STEEL | STEEL | RoHS

Part number	Material	Finish	A	B	C	D	Weight (g)
NEW 60-1-4007	steel	zinc plated	51	75	3	6	210
NEW 62-1-4008	304 stainless steel	raw	51	75	3	6	210



Concealed hinge with friction - 90° opening

Initial torque (0.7 N.m) may vary from -20% to +40%.

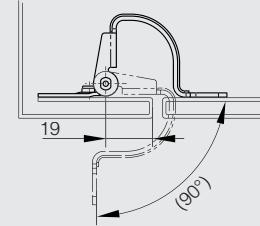
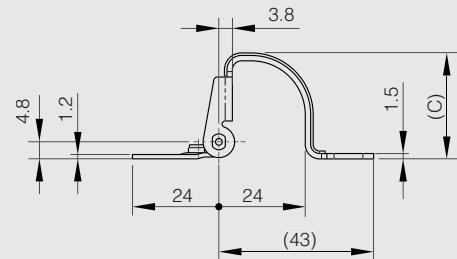
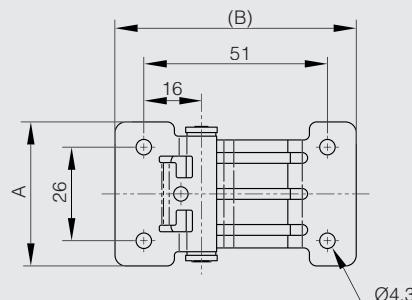
For indoor use only.

Can be used both for horizontal and vertical applications.



STAINLESS STEEL

Part number	Material	Finish	A	B	C	Torque	Weight (g)
70-7-3623	304 stainless steel	polished	40	67	29.5	0.7 N.m	50



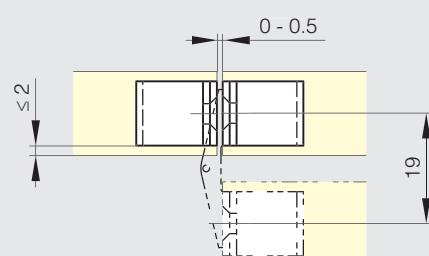
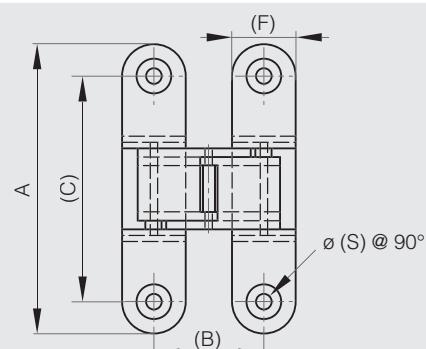
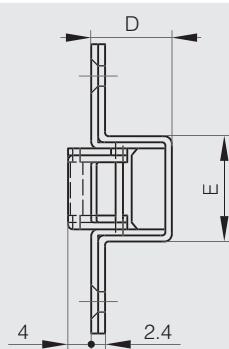
Concealed hinge - 180° opening



STAINLESS STEEL



Part number	Material	Finish	A	B	C	D	E	F	S	Weight (g)
70-7-3544	304 stainless steel	satin	50	19	38	14	18.2	11	2.7	33



Concealed hinges

Concealed hinges for nested doors only

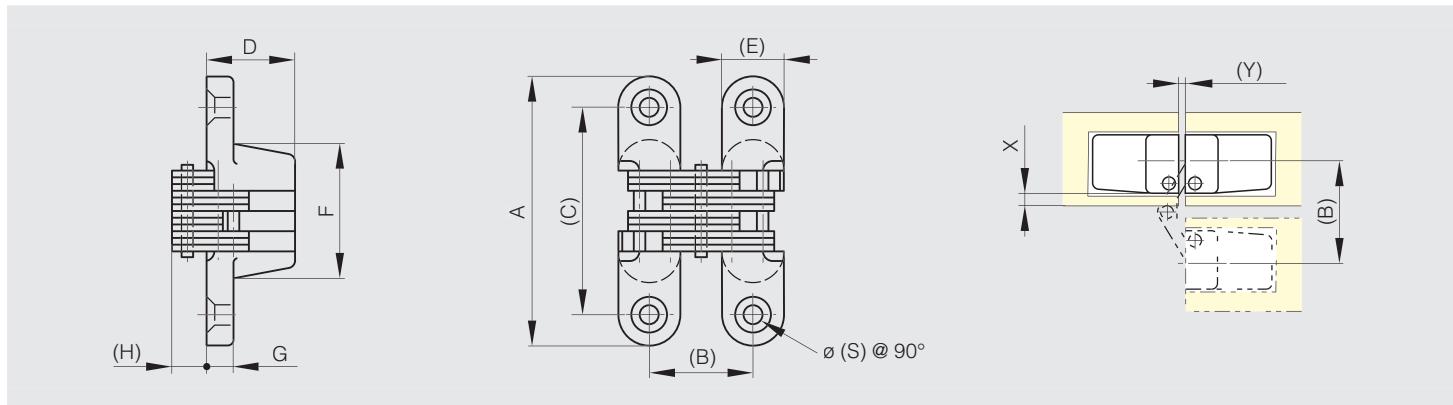
Multi link concealed hinges - 180° opening

Links and pins in 303 and 304 stainless steel.

A full product data sheet is available on our website.



Part number	Material	Finish	A	B	C	D	E	F	G	H	S	X	Y	Weight (g)
70-7-3539	zinc die-cast	chrome plated satin	43	18	32	13	11	22	5	5	3.5	≤ 2.3	0.8	36.6
70-7-3540	zinc die-cast	chrome plated satin	45	22.7	32	18.5	13	19	5	6	3.5	≤ 3	0.8	55
70-7-3541	zinc die-cast	chrome plated satin	60	22.2	47	18.5	13	33	6.5	6.5	4.3	≤ 3	1	100
70-7-3542	zinc die-cast	chrome plated satin	70	26.6	53	23	16.1	35	7	9	4.6	≤ 3.5	1.2	160
70-7-3543	zinc die-cast	chrome plated satin	100	33.2	80	27.5	20	52	9.5	9.5	5.3	≤ 4.8	1.8	350



Concealed hinge - 3-D adjustable - 180° opening



3-D adjustable (height, width, depth) without removing the door.

Height adjustment: -3.0 / +3.0 mm.

Width adjustment: -3.0 / +4.0 mm.

Depth adjustment (pressure): -1.5 / +1.5 mm.

Universal: for left- and right-sided doors.

Can be installed in the frame and adjusted by just one person.

No visible screws.

Washers in POM.

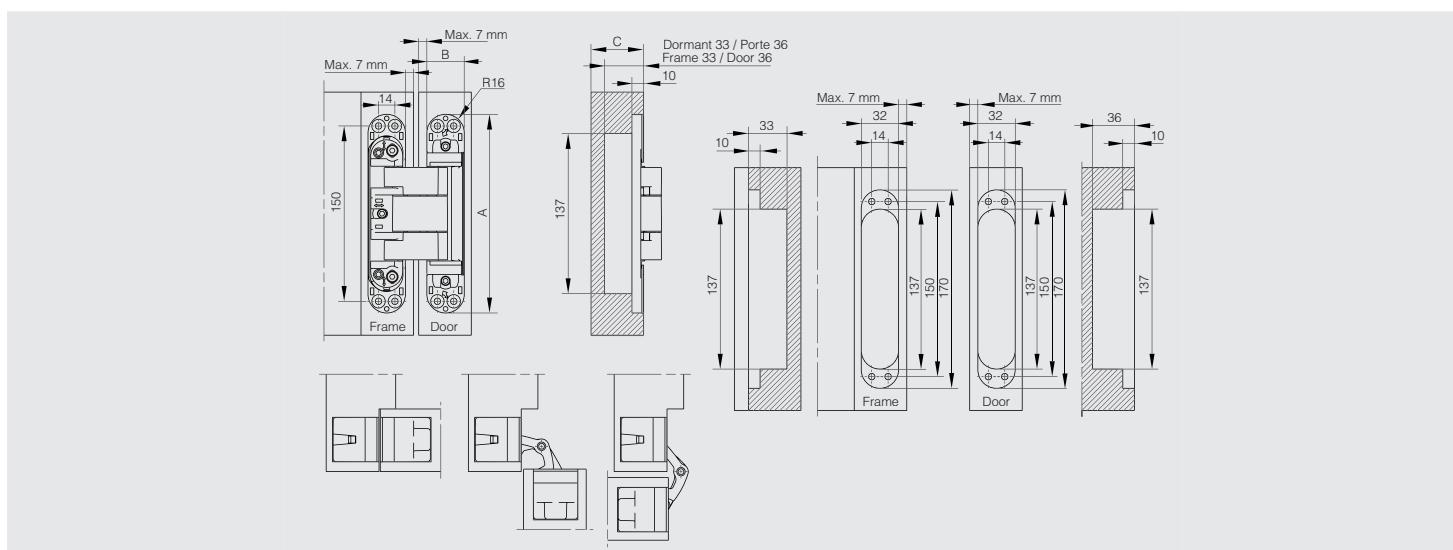
Door thickness: min. 40 mm.

Door weight (for 2 hinges): up to 120 kg (Door size: max. 830 x 2015 mm).

Door weight (for 3 hinges): up to 150 kg (Door size: max. 830 x 2015 mm).



Part number	Material	Finish	A	B	C	Weight (g)
70-7-3624	zinc die-cast	chrome plated mat	170	32	>40	1255



Concealed hinge with friction - 180° opening

180° opening angle.

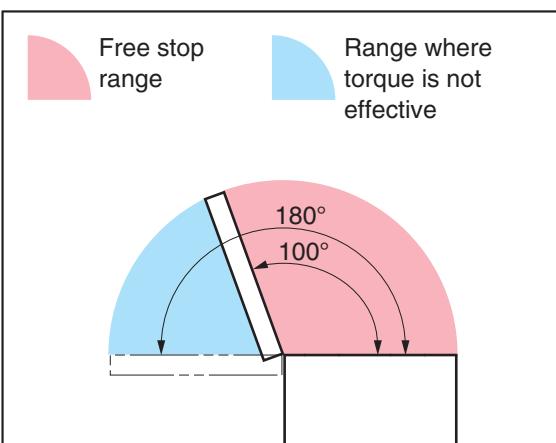
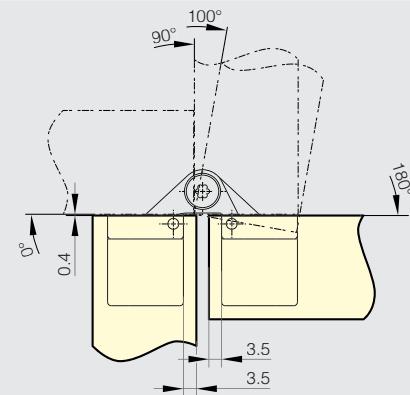
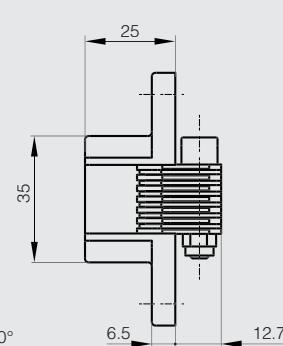
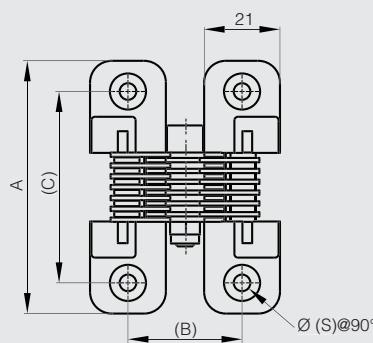
Free stop for safety. Maximum friction torque of 5 N.m for one hinge (when lid is closed).

Torque decreases as the opening angle increases, making easier to open the lid.



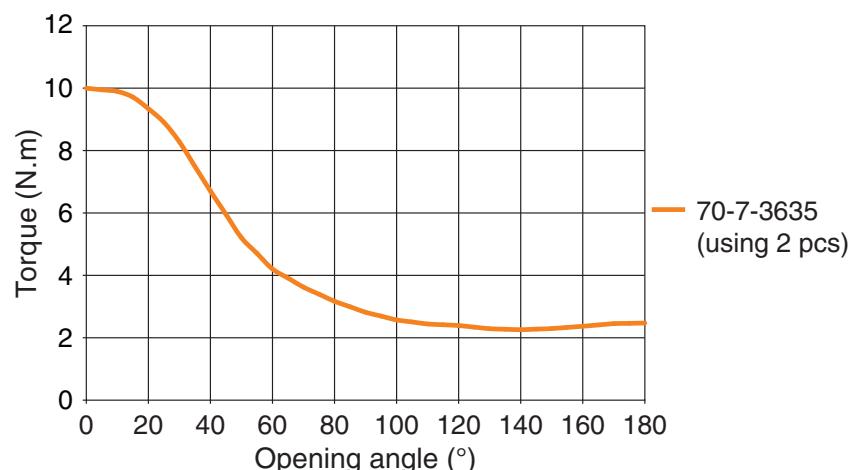
180° ZAMAK RoHS

Part number	Material	Finish	A	B	C	S	Weight (g)
NEW 70-7-3635	zinc die-cast	satin chrome	70	31.6	53	4.6	160



Install stopper to hold the door within the range where torque is not effective.

Torque curve



Concealed hinge with removable pin - 180° opening

Patented concealed hinge for metallic enclosures with a 180° opening.

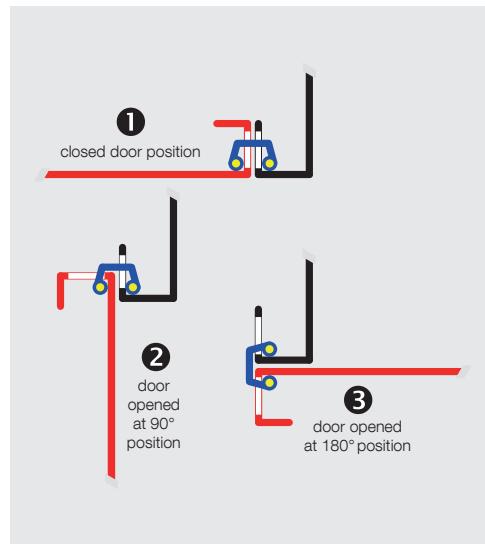
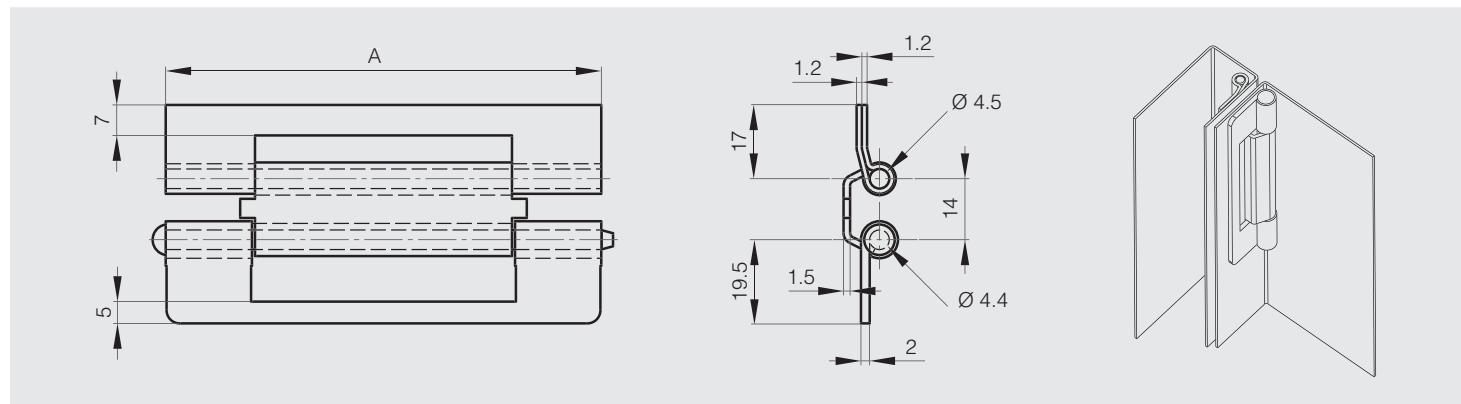
Removable pin makes disassembly of doors easy.

Product data sheet with mounting instructions available on request or on our website.

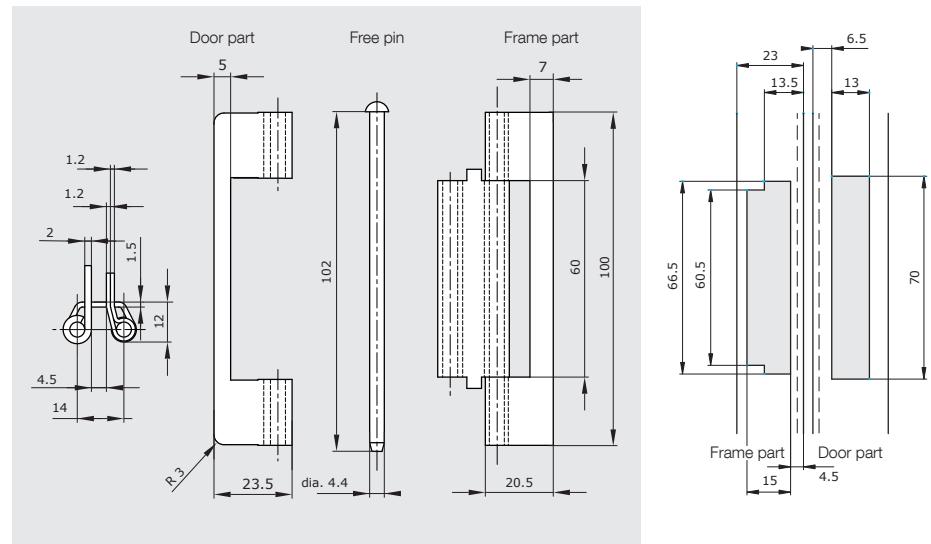
Door thickness max: 1 mm.



Part number	Material	Finish	A	Weight (g)
73-1-3504	steel	raw	100	123



Operating of the 180° concealed hinge



Dimensions of the 180° concealed hinge

Cut-out to be made for hinge fitting

Concealed hinges

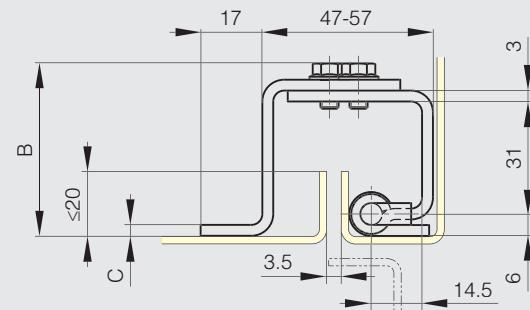
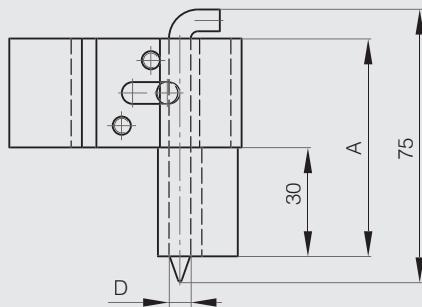
Concealed hinges for nested doors only

Concealed heavy duty hinges for flush doors - 90° opening

Concealed hinge for LH or RH application. The 2 main hinge parts have a central guide to prevent door from sagging during adjustement.



Part number	Material	Finish	A	B	C	D	Weight (g)
85-7-1321	steel	raw / zinc plated	60	48	3	6	189
85-7-2331	304 stainless steel	raw	60	48	3	6	189

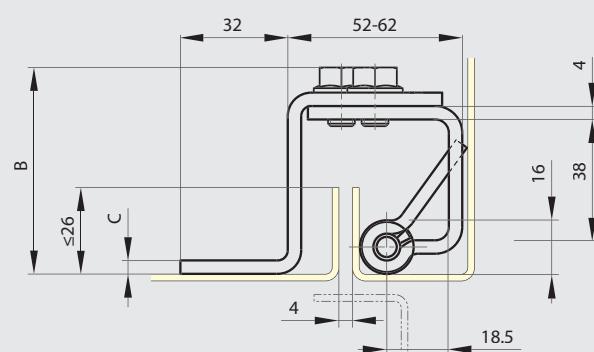
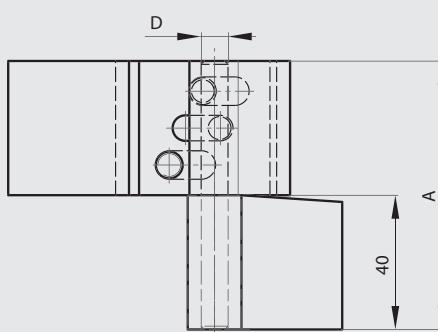


Concealed heavy duty hinges for flush doors - 90° opening

Concealed hinge for LH or RH application. The 2 main hinge parts have a central guide to prevent door from sagging during adjustement.



Part number	Material	Finish	A	B	C	D	Weight (g)
85-7-1333	steel	raw / zinc plated	80	62	4	8	420
85-7-2334	304 stainless steel	raw	80	62	4	8	420



Concealed hinges

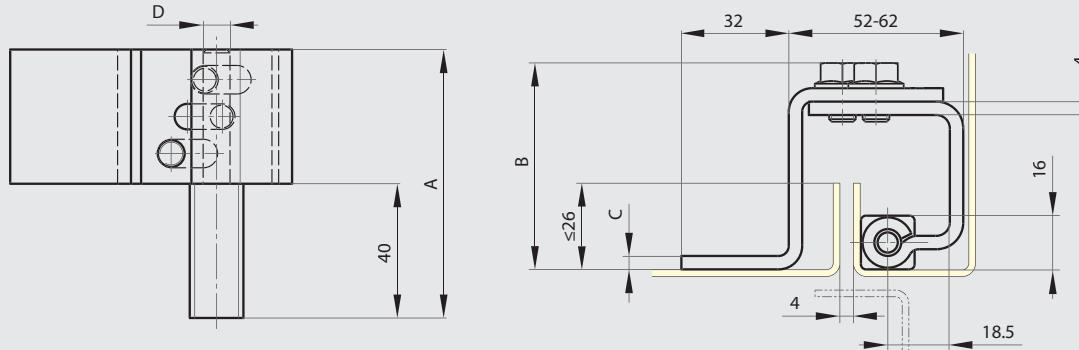
Concealed hinges for nested doors only

Concealed heavy duty hinges for flush doors - 90° opening

Concealed hinge for LH or RH application. The 2 main hinge parts have a central guide to prevent door from sagging during adjustement.



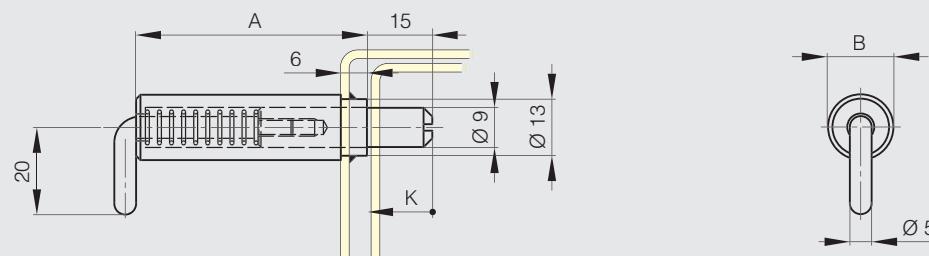
Part number	Material	Finish	A	B	C	D	Weight (g)
85-7-1331	steel	raw / zinc plated	80	61	4	8	412
85-7-2332	304 stainless steel	raw	80	61	4	8	412



Concealed weld-on springloaded pin hinge



Part number	Material	Finish	A	B	K	Weight (g)
85-7-1030	steel	raw	53	15	15	70

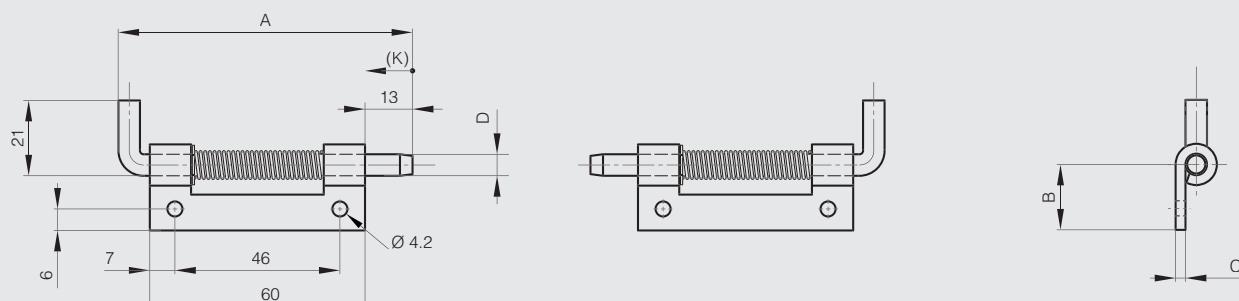


Concealed springloaded pin hinges A

Stainless steel spring. Hinges in raw steel and zinc plated steel with a zinc plated pin. Circlip in 1.4122 stainless steel.



Part number	Material	Finish	A	B	C	D	K	Note	Weight (g)
12-1-3856	steel	raw	82	18.2	2.8	6	12	type 2	46.4
12-1-3857	steel	raw	82	18.2	2.8	6	12	type 1	46.4
12-1-3854	steel	zinc plated	82	18.2	2.8	6	12	type 2	46.4
12-1-3855	steel	zinc plated	82	18.2	2.8	6	12	type 1	46.4
12-1-3858	304 stainless steel	raw	82	18.2	2.8	6	12	type 2	46.4
12-1-3859	304 stainless steel	raw	82	18.2	2.8	6	12	type 1	46.4



12-1-3857 & 12-1-3855 & 12-1-3859

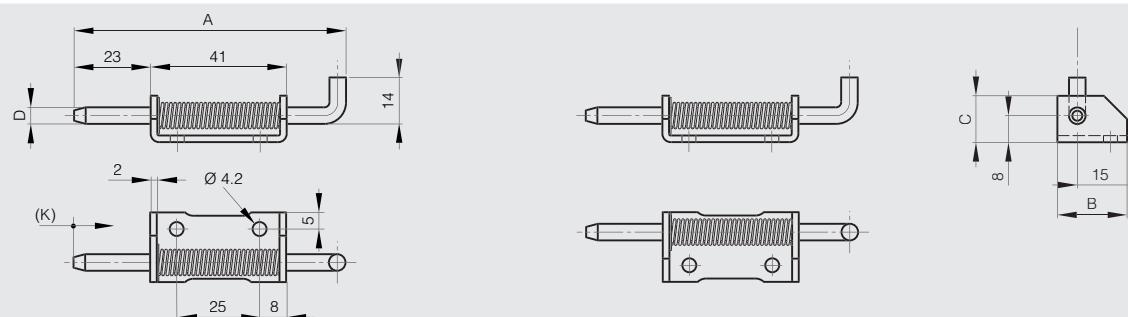
12-1-3856 & 12-1-3854 & 12-1-3858

Concealed springloaded pin hinges B

Stainless steel spring. Hinges in raw steel and zinc plated steel with a zinc plated pin. Circlip in 1.4122 stainless steel.



Part number	Material	Finish	A	B	C	D	K	Note	Weight (g)
12-1-3950	steel	raw	82	21	14	5	12	type 2	38.5
12-1-3951	steel	raw	82	21	14	5	12	type 1	38.5
12-1-3860	steel	zinc plated	82	21	14	5	12	type 2	38.5
12-1-3861	steel	zinc plated	82	21	14	5	12	type 1	38.5
12-1-3862	304 stainless steel	raw	82	21	14	5	12	type 2	38.5
12-1-3863	304 stainless steel	raw	82	21	14	5	12	type 1	38.5



12-1-3951 & 12-1-3861 & 12-1-3863

12-1-3950 & 12-1-3860 & 12-1-3862

Concealed hinge A - 90° opening

Main features:

- For nested doors or surface mounted doors.
- High resistance to bending and twisting.
- For horizontal or vertical applications.
- 90° opening max.



Same installation as «Concealed hinge C - 90° opening».

Door thickness max. 20 mm.

Minimal gap of 0.5 to 1.5 mm between door and frame.

A full product data sheet is available on our website.



Part number	Material	Finish	A	B	Weight (g)
70-1-3628	steel	zinc plated	30.2	126.5	78

Concealed hinge B - 90° opening

Main features:

- For nested doors or surface mounted doors.
- High resistance to bending and twisting.
- For horizontal or vertical applications.
- 90° opening max.



Same installation as «Concealed hinge C - 90° opening».

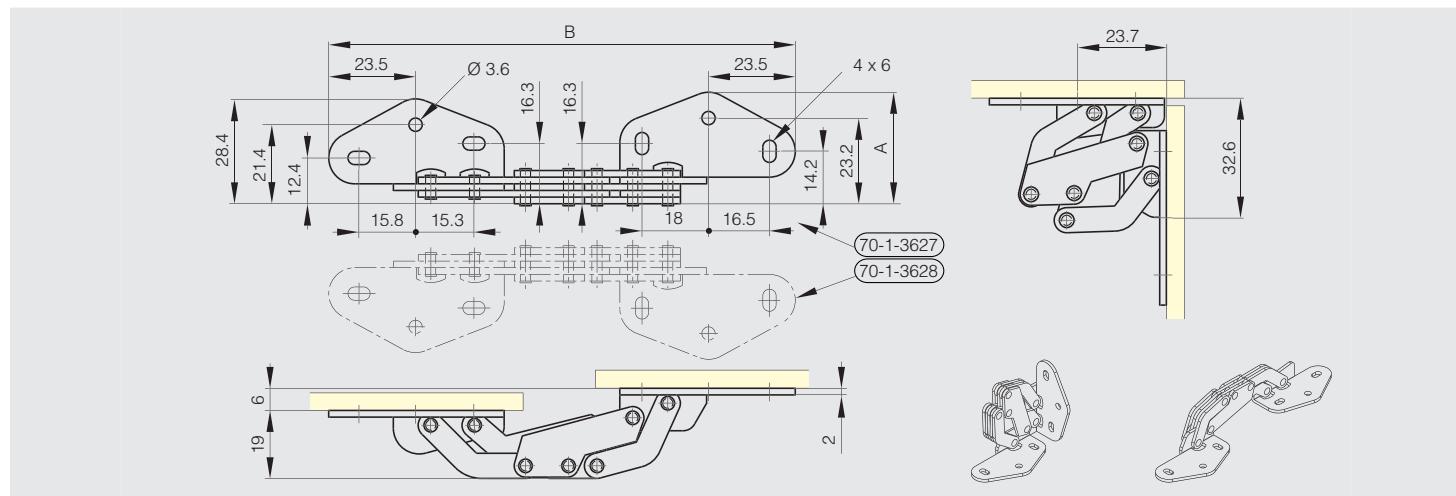
Door thickness max. 20 mm.

Minimal gap of 0.5 to 1.5 mm between door and frame.

A full product data sheet is available on our website.



Part number	Material	Finish	A	B	Weight (g)
70-1-3627	steel	zinc plated	30.2	126.5	78



Concealed hinge C - 90° opening

Main features:

- For nested doors or surface mounted doors.
- High resistance to bending and twisting.
- For horizontal or vertical applications.
- 90° opening max.

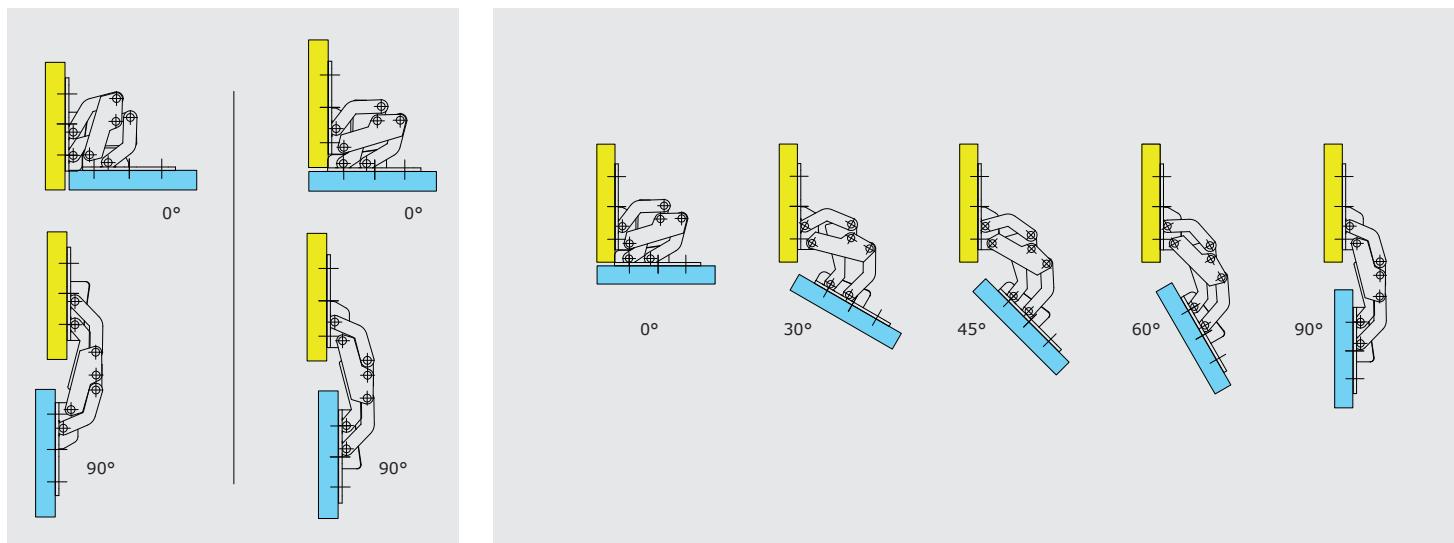
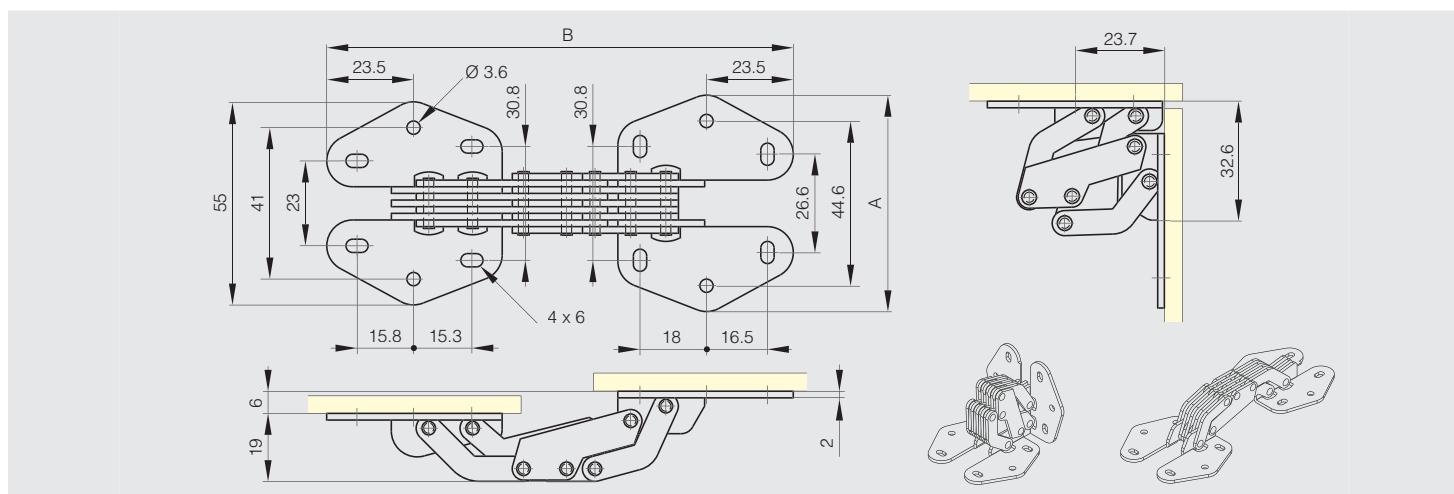


Door thickness max. 20 mm.

Minimal gap of 0.5 to 1.5 mm between door and frame.

A full product data sheet is available on our website.

Part number	Material	Finish	A	B	Weight (g)
70-1-3626	steel	zinc plated	58.6	126.5	150



Nested door assembly shown

Surface mounted assembly shown

Surface mounted assembly shown

Concealed hinges

Concealed hinges for surface mounted doors or nested doors

Concealed hinges - 90° opening

Pins and links in 430 stainless steel for 70-1-3520.
Pins and links in 316L stainless steel for 70-1-3625.

Mounting features:

- For nested doors or surface mounted doors.
- LH or RH options.
- For horizontal or vertical applications.

A full product data sheet is available on our website.

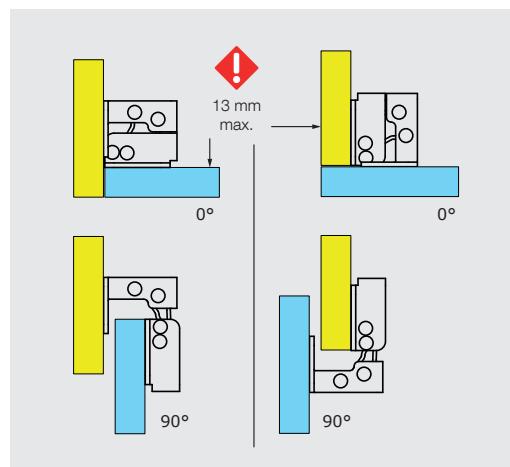
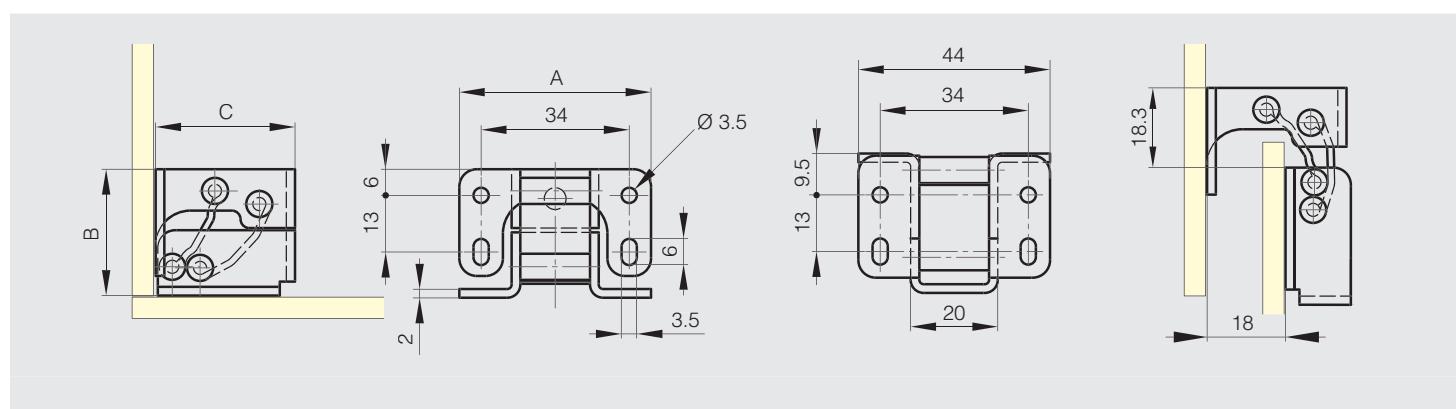
Refer to the product data sheet on our website for mounting instructions.



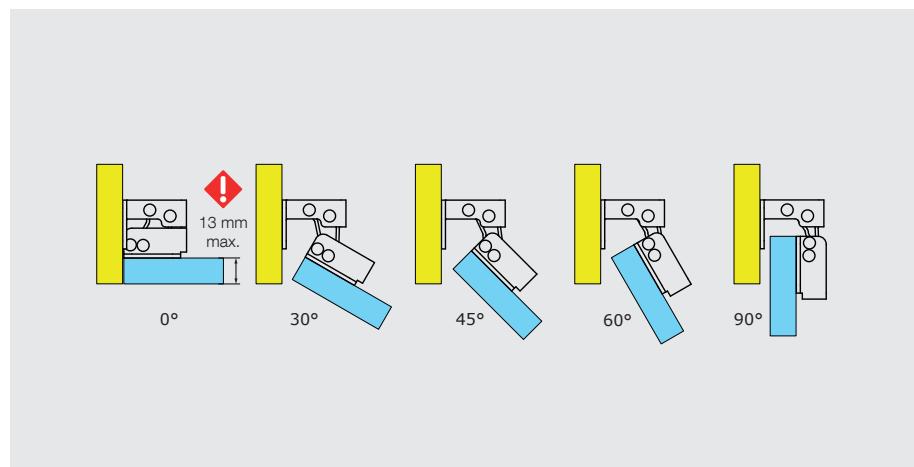
90° STAINLESS STEEL STEEL RoHS



Part number	Material	Finish	A	B	C	Weight (g)
70-1-3520	steel	zinc plated	44	29	32	64
NEW 70-1-3625	316L stainless steel	raw	44	29	32	64



Nested door assembly shown



Nested door assembly shown

Surface mounted assembly shown



Concealed hinges

Concealed hinges for surface mounted doors or nested doors

Concealed hinges - 125° opening

Links in aluminium.

Pins in 430 stainless steel for 70-1-3639.

Pins in 304 Cu stainless steel for 70-1-3640.

Mounting features:

- For nested doors or surface mounted doors.
- LH or RH options.
- For horizontal or vertical applications.

Opening angle differs according to door thickness:

- 2 mm thickness: opening angle of 125°.

- 8 mm thickness: opening angle of 110°.

- 13 mm thickness: opening angle of 100°.

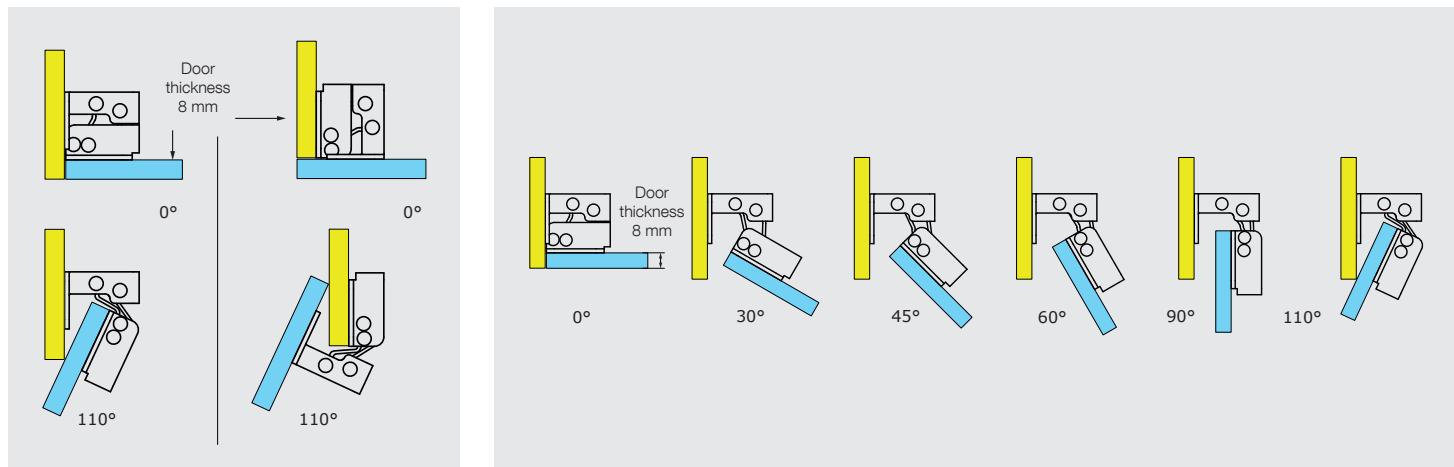
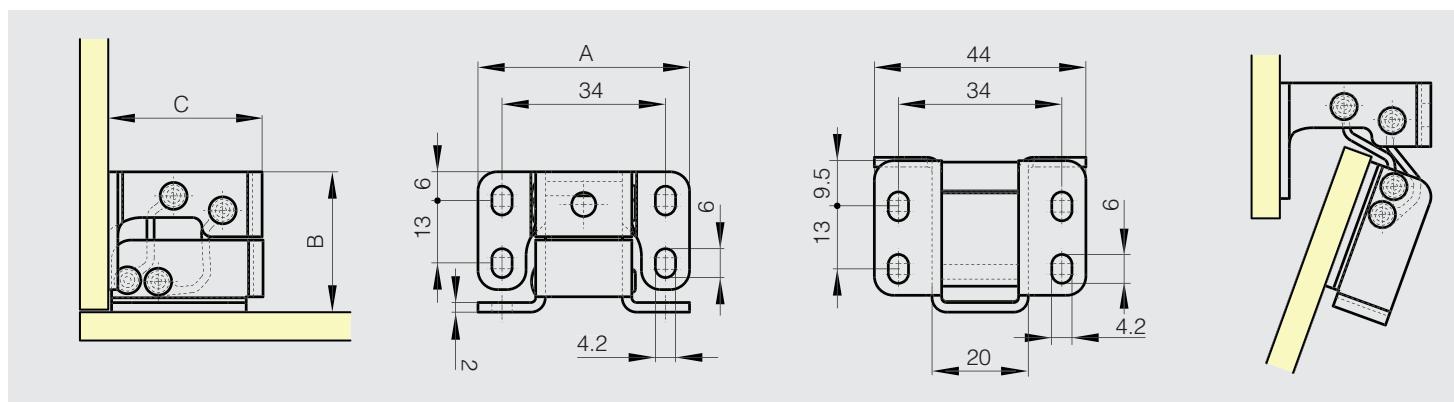
Please ask us for bespoke solutions.



120° STAINLESS STEEL STEEL RoHS



Part number	Material	Finish	A	B	C	Weight (g)
NEW 70-1-3639	steel	zinc plated	44	29	32	60
NEW 70-1-3640	316L stainless steel	raw	44	29	32	60



Nested door assembly shown

Surface mounted assembly shown

Nested door assembly shown

Concealed hinges

Concealed hinges for surface mounted doors or nested doors

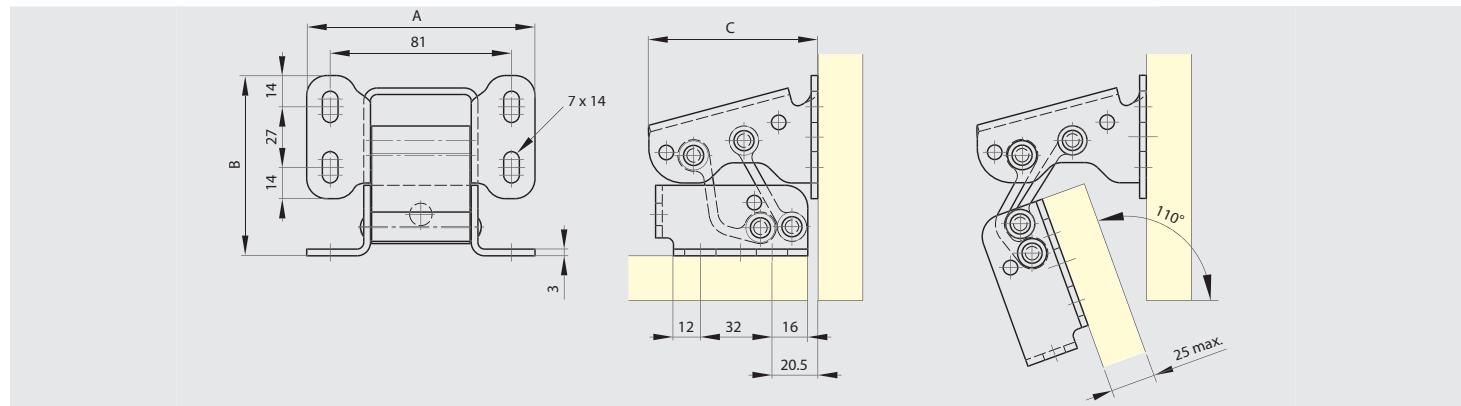
Concealed hinge - 110° opening

Heavy duty concealed hinge.

Tested to 10,000 cycles using 2 hinges with a door weight of 25 kg measuring 1 m x 1 m.
Links in anodised aluminium.

110° STEEL ✓
RoHS

Part number	Material	Finish	A	B	C	Weight (g)
70-1-3557	steel	zinc plated	102	80.5	76	520



Spring loaded concealed hinge - 110° opening

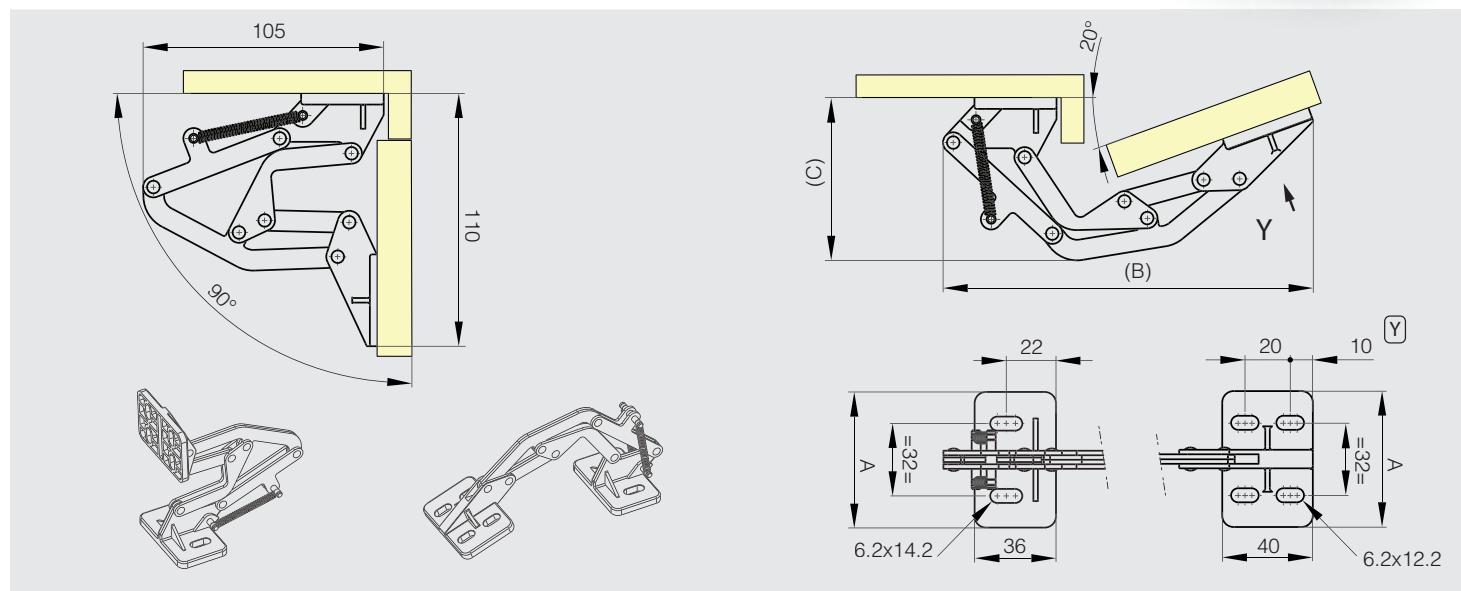
For horizontal application only.

Fixing plate in polymer.

NEW

110° STEEL ✓
RoHS

Part number	Material	Finish	A	B	C	Weight (g)
NEW 71-1-3611	steel	black zinc plated	60	162.4	71.4	132



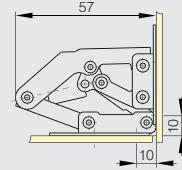
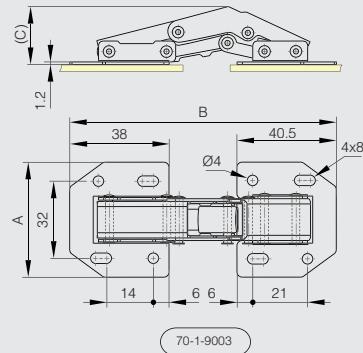
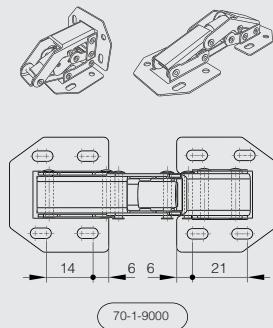
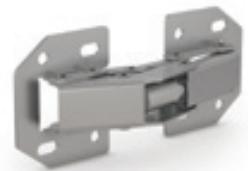
Concealed hinges

Concealed hinges for surface mounted doors or nested doors

Spring loaded concealed hinges - 90° opening

90° STAINLESS STEEL STEEL ✓ RoHS

Part number	Material	Finish	A	B	C	Weight (g)
70-1-9003	steel	nickel plated	44	104.5	26	70
70-1-9000	316 stainless steel	raw	44	104.5	26	70

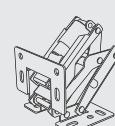
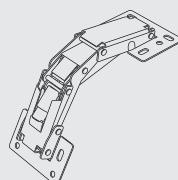
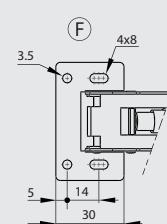
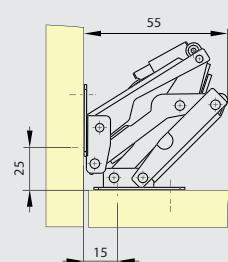
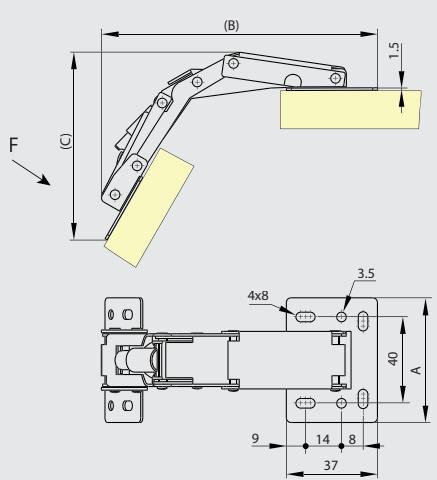


Spring loaded concealed hinges - 150° opening

150° STAINLESS STEEL STEEL ✓ RoHS

For door thickness max: 20 mm.

Part number	Material	Finish	A	B	C	Weight (g)
70-1-9001	steel	nickel plated	52	121	73.5	140
70-1-9002	304 stainless steel	raw	52	121	73.5	140



Concealed hinges

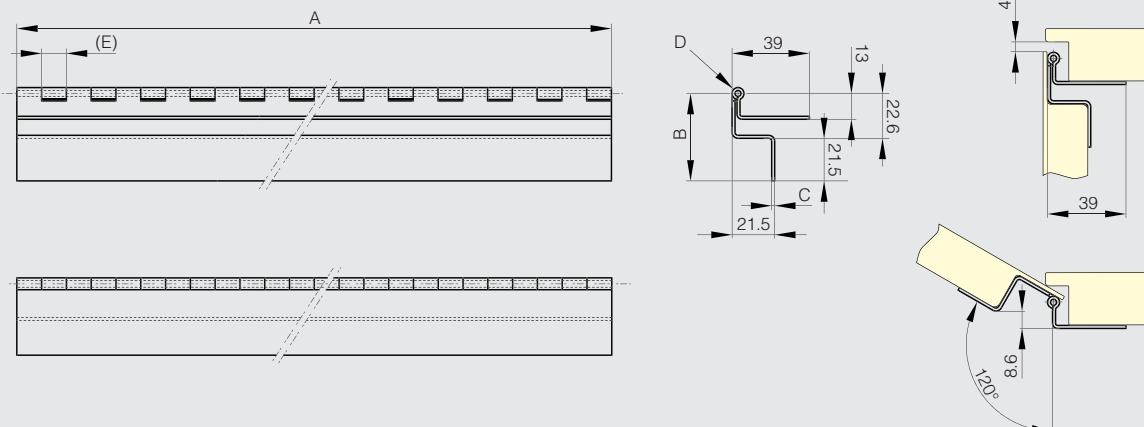
Concealed hinges for surface mounted doors or nested doors

Concealed hinges with two cranked leaves - undrilled - 120° opening - version A

Hinges for side door of baggage compartment (bus and coach, bodywork...)



Part number	Material	Finish	A	B	C	D	E	Weight (g)
NEW 39-1-3885	304 stainless steel	raw	300	44.1	1.5	3	12.5	440
NEW 39-1-3887	304 stainless steel	raw	600	44.1	1.5	3	12.5	880



Concealed hinges with two cranked leaves - drilled - 120° opening - version A

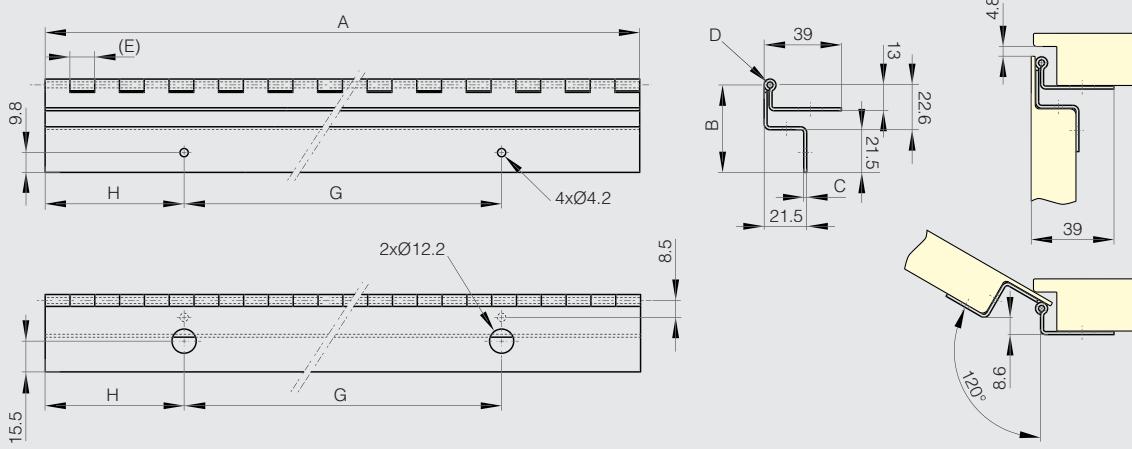
Hinges for side door of baggage compartment (bus and coach, bodywork...)

Use rivets for 4.2 diameter holes (door side).

Use self-drilling screws for 12.2 diameter holes (frame side).



Part number	Material	Finish	A	B	C	D	E	G	H	Weight (g)
NEW 39-1-3886	304 stainless steel	raw	300	44.1	1.5	3	12.5	160	70	430
NEW 39-1-3888	304 stainless steel	raw	600	44.1	1.5	3	12.5	160	60	870



Concealed hinges

Concealed hinges for surface mounted doors or nested doors

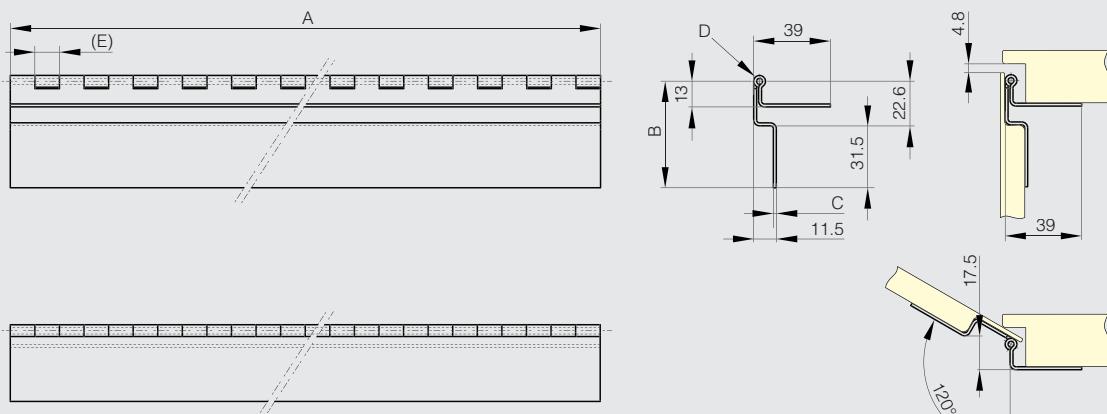
Concealed hinges with two cranked leaves - undrilled - 120° opening - version B

Hinges for side door of baggage compartment (bus and coach, bodywork...)



120° STAINLESS STEEL RoHS

Part number	Material	Finish	A	B	C	D	E	Weight (g)
NEW 39-1-3889	304 stainless steel	raw	300	54.1	1.5	3	12.5	410
NEW 39-1-3891	304 stainless steel	raw	600	54.1	1.5	3	12.5	870



Concealed hinges with two cranked leaves - drilled - 120° opening - version B

Hinges for side door of baggage compartment (bus and coach, bodywork...)

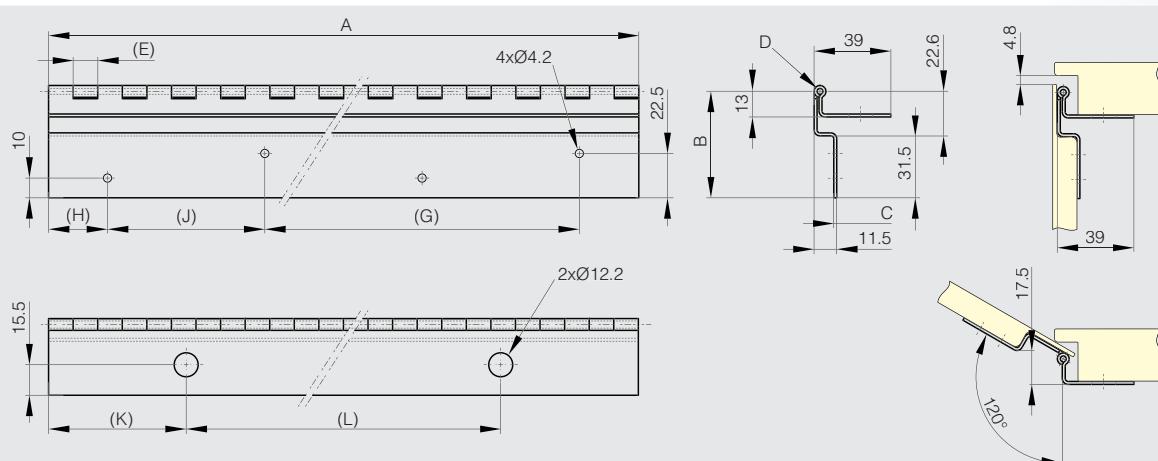
Use rivets for 4.2 diameter holes (door side).

Use self-drilling screws for 12.2 diameter holes (frame side).



120° STAINLESS STEEL RoHS

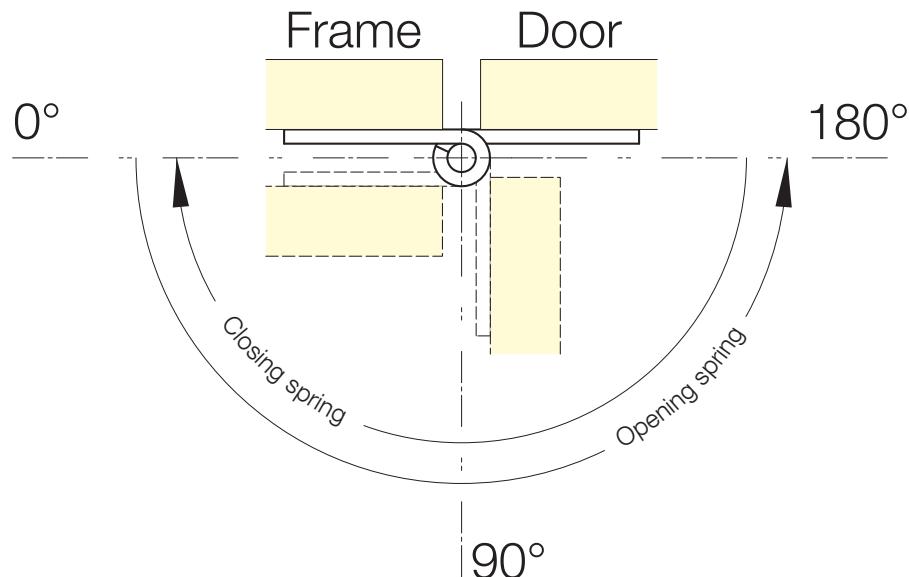
Part number	Material	Finish	A	B	C	D	E	G	H	J	K	L	Weight (g)
NEW 39-1-3890	304 stainless steel	raw	300	54.1	1.5	3	12.5	160	30	80	70	160	430
NEW 39-1-3892	304 stainless steel	raw	600	54.1	1.5	3	12.5	260	40	130	60	160	870



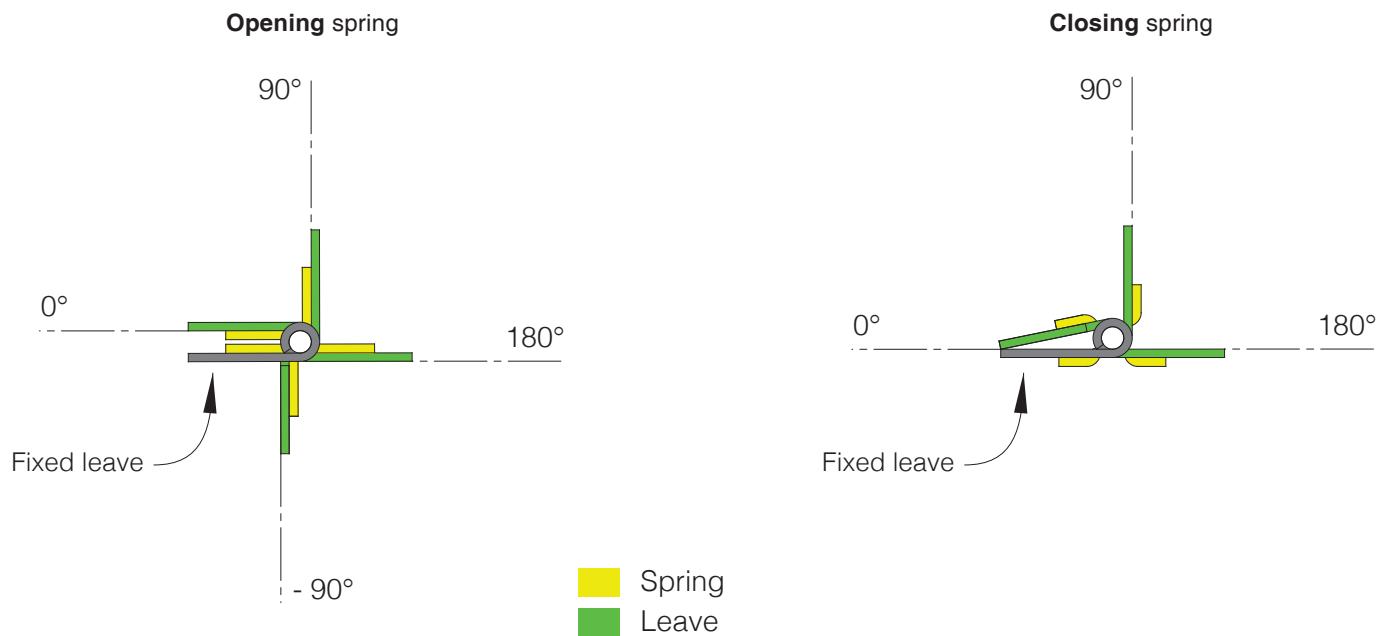
Hinges with dual function

Spring hinges

The way a spring hinge opens relates to the spring type



Angles of opening or closing



Definition of spring hinge torques

M: hinge torque at various positions

M(0°): torque when hinge leaves are parallel

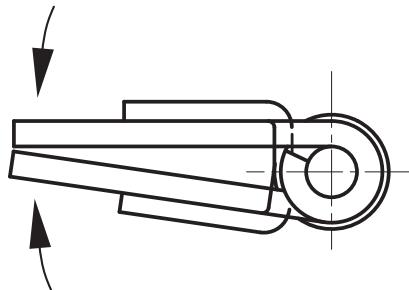
M(90°): torque when leaves are at 90°

M(180°): torque when leaves are at 180°

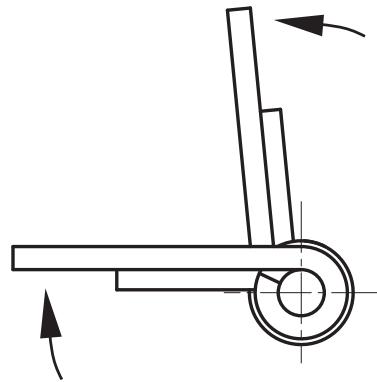
Hinges with dual function

Spring hinges delivered as shown

When delivered, hinges have the following position:



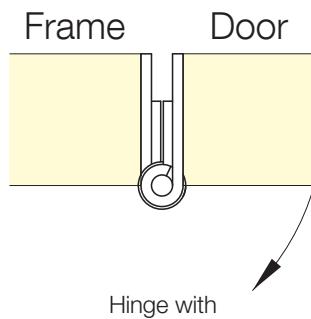
Hinge with **closing** spring



Hinge with **opening** spring

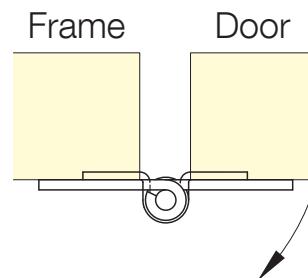
Mouting shows the way doors open

Concealed mounting

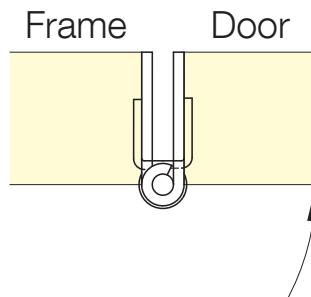


Hinge with
opening spring

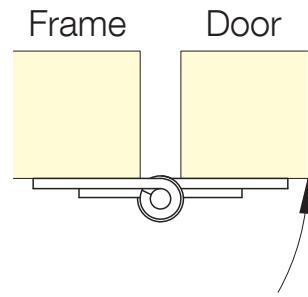
Surface mounting



Hinge with
closing spring



Hinge with
closing spring



Hinge with
opening spring

Arrows indicate rotation of hinge due to the effect of the spring

Hinges with dual function

Spring hinges - aluminium profile

Spring hinges - aluminium profile 0.20 N.m

Opening spring force:

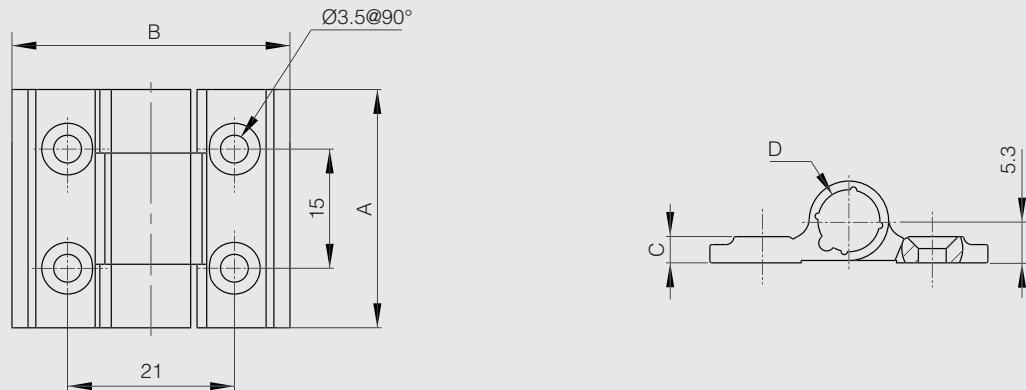
M(0°): 0.23 N.m / M(90°): 0.15 N.m / M(180°): 0.08 N.m

Closing spring force:

M(0°): 0.08 N.m / M(90°): 0.15 N.m / M(180°): 0.23 N.m

2 other versions available: with friction or with detent mechanism.

Part number	Material	Finish	A	B	C	D	Note	Weight (g)
72-1-4256	6060 T5 alu	clear anodised	30	35	3.3	8	opening spring	10
72-1-4257	6060 T5 alu	black anodised	30	35	3.3	8	opening spring	10
NEW 72-1-4275	6060 T5 alu	clear anodised	30	35	3.3	8	closing spring	10
NEW 72-1-4276	6060 T5 alu	black anodised	30	35	3.3	8	closing spring	10



Spring hinges - aluminium profile 0.35 N.m

Opening spring force:

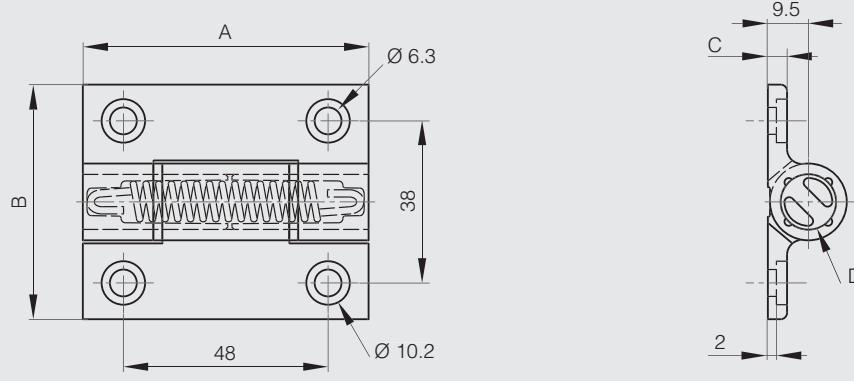
M(0°): 0.35 N.m / M(90°): 0.24 N.m / M(180°): 0.12 N.m

Closing spring force:

M(0°): 0.12 N.m / M(90°): 0.24 N.m / M(180°): 0.35 N.m

3 other versions available: free swinging, with friction or with detent mechanism.

Part number	Material	Finish	A	B	C	D	Note	Weight (g)
72-1-4220	6060 T5 alu	clear anodised	67	55	4.5	13	opening spring	60
72-1-4221	6060 T5 alu	black anodised	67	55	4.5	13	opening spring	60
NEW 72-1-4292	6060 T5 alu	clear anodised	67	55	4.5	13	opening spring/ delivered flat	60
NEW 72-1-4293	6060 T5 alu	black anodised	67	55	4.5	13	opening spring/ delivered flat	60
NEW 72-1-4286	6060 T5 alu	clear anodised	67	55	4.5	13	closing spring	60
NEW 72-1-4287	6060 T5 alu	black anodised	67	55	4.5	13	closing spring	60



Hinges with dual function

Spring hinges - aluminium profile

Spring hinges - aluminium profile 0.70 N.m

Opening spring force:

M(0°): 0.7 N.m / M(90°): 0.45 N.m / M(180°): 0.23 N.m

Closing spring force:

M(0°): 0.23 N.m / M(90°): 0.45 N.m / M(180°): 0.7 N.m

3 other versions available: free swinging, with friction or with detent mechanism.



Part number	Material	Finish	A	B	C	D	Note	Weight (g)
72-1-4218	6060 T5 alu	clear anodised	67	55	4.5	13	opening spring	65
72-1-4219	6060 T5 alu	black anodised	67	55	4.5	13	opening spring	65
NEW 72-1-4294	6060 T5 alu	clear anodised	67	55	4.5	13	opening spring / delivered flat	65
NEW 72-1-4295	6060 T5 alu	black anodised	67	55	4.5	13	opening spring / delivered flat	65
NEW 72-1-4272	6060 T5 alu	clear anodised	67	55	4.5	13	closing spring	65
NEW 72-1-4273	6060 T5 alu	black anodised	67	55	4.5	13	closing spring	65

Spring hinges - aluminium profile 1.3 N.m

Opening spring force:

M(0°): 1.3 N.m / M(90°): 1.1 N.m / M(180°): 0.9 N.m

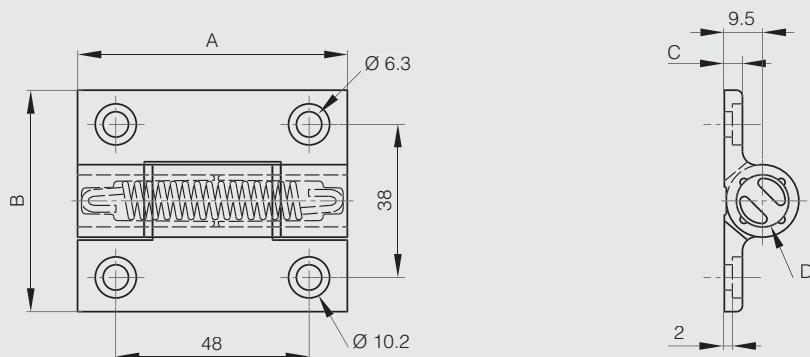
Closing spring force:

M(0°): 0.9 N.m / M(90°): 1.1 N.m / M(180°): 1.3 N.m

3 other versions available: free swinging, with friction or with detent mechanism.



Part number	Material	Finish	A	B	C	D	Note	Weight (g)
72-1-4222	6060 T5 alu	clear anodised	67	55	4.5	13	opening spring	67
72-1-4223	6060 T5 alu	black anodised	67	55	4.5	13	opening spring	67
NEW 72-1-4296	6060 T5 alu	clear anodised	67	55	4.5	13	opening spring / delivered flat	67
NEW 72-1-4297	6060 T5 alu	black anodised	67	55	4.5	13	opening spring / delivered flat	67
72-1-4260	6060 T5 alu	clear anodised	67	55	4.5	13	closing spring	67
72-1-4261	6060 T5 alu	black anodised	67	55	4.5	13	closing spring	67



Hinges with dual function

Spring hinges - aluminium profile

Spring hinges - aluminium profile 3.80 N.m

Opening spring force:

M(0°): 3.80 N.m / M(90°): 3.10 N.m / M(180°): 2.40 N.m

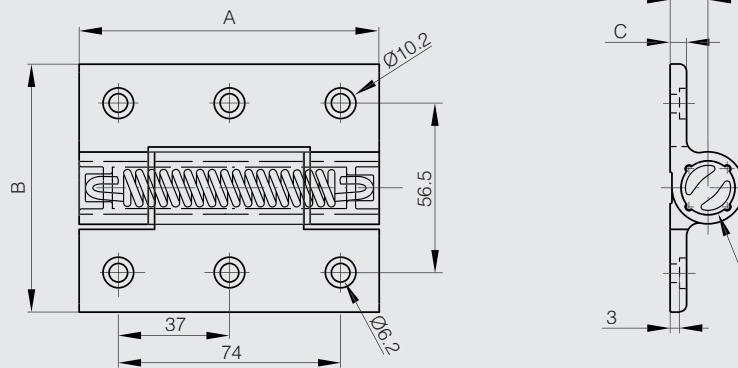
Closing spring force:

M(0°): 2.20 N.m / M(90°): 2.90 N.m / M(180°): 3.50 N.m



Free swinging hinge without spring available (part number: 72-1-4241 in colorless or 72-1-4242 in black).

Part number	Material	Finish	A	B	C	D	Note	Weight (g)
72-1-4231	6082 T5 alu	clear anodised	100	82.5	5.5	18	opening spring	183
72-1-4232	6082 T5 alu	black anodised	100	82.5	5.5	18	opening spring	183
72-1-4258	6082 T5 alu	clear anodised	100	82.5	5.5	18	closing spring	183
72-1-4259	6082 T5 alu	black anodised	100	82.5	5.5	18	closing spring	183



Hinges with dual function

Rolled knuckle spring hinges

Opening spring hinges 120 mm long

Opening spring force:

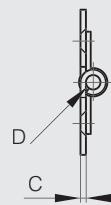
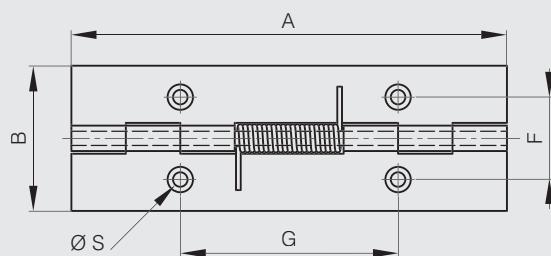
M(0°): 0.85 N.m / M(90°): 0.56 N.m / M(180°): 0.28 N.m



270° ALU STAINLESS STEEL STEEL

Stainless steel spring.

Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
71-1-3799	steel	raw	120	40	1.5	4				undrilled	82
71-1-3805	steel	zinc plated	120	40	1.5	4	22.7	60	4	drilled	82
NEW 71-1-3860	5754 alu	raw	120	40	1.5	4				undrilled	45
NEW 71-1-3861	5754 alu	raw	120	40	1.5	4	22.7	60	4	drilled	45
71-1-3787	304 stainless steel	raw	120	40	1.5	4				undrilled	82
71-1-3793	304 stainless steel	raw	120	40	1.5	4	22.7	60	4	drilled	82



Closing spring hinges 120 mm long

Closing spring force:

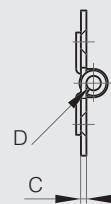
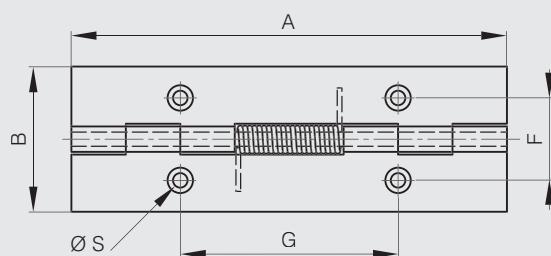
M(0°): 0.28 N.m / M(90°): 0.56 N.m / M(180°): 0.85 N.m



270° ALU STAINLESS STEEL STEEL

Stainless steel spring.

Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
71-1-3802	steel	raw	120	40	1.5	4				undrilled	82
71-1-3808	steel	zinc plated	120	40	1.5	4	22.7	60	4	drilled	82
NEW 71-1-3862	5754 alu	raw	120	40	1.5	4				undrilled	45
NEW 71-1-3863	5754 alu	raw	120	40	1.5	4	22.7	60	4	drilled	45
71-1-3790	304 stainless steel	raw	120	40	1.5	4				undrilled	82
71-1-3796	304 stainless steel	raw	120	40	1.5	4	22.7	60	4	drilled	82



Hinges with dual function

Rolled knuckle spring hinges

Opening spring hinges 180 mm long

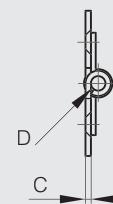
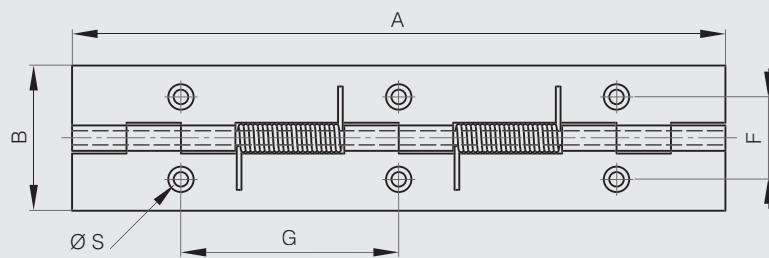
Opening spring force:

M(0°): 1.7 N.m / M(90°): 1.1 N.m / M(180°): 0.56 N.m

Stainless steel spring.

270° 1mm STAINLESS STEEL STEEL ✓ RoHS

Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
71-1-3800	steel	raw	180	40	1.5	4				undrilled	124
71-1-3806	steel	zinc plated	180	40	1.5	4	22.7	60	4	drilled	124
71-1-3788	304 stainless steel	raw	180	40	1.5	4				undrilled	124
71-1-3794	304 stainless steel	raw	180	40	1.5	4	22.7	60	4	drilled	124



Closing spring hinges 180 mm long

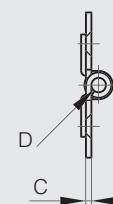
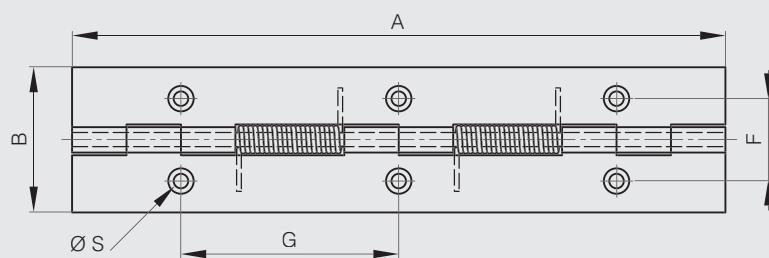
Closing spring force:

M(0°): 0.56 N.m / M(90°): 1.1 N.m / M(180°): 1.7 N.m

Stainless steel spring.

270° 1mm STAINLESS STEEL STEEL ✓ RoHS

Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
71-1-3803	steel	raw	180	40	1.5	4				undrilled	124
71-1-3809	steel	zinc plated	180	40	1.5	4	22.7	60	4	drilled	124
71-1-3791	304 stainless steel	raw	180	40	1.5	4				undrilled	124
71-1-3797	304 stainless steel	raw	180	40	1.5	4	22.7	60	4	drilled	124



Hinges with dual function

Rolled knuckle spring hinges

Opening spring hinges 240 mm long

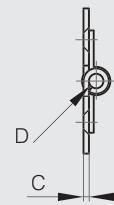
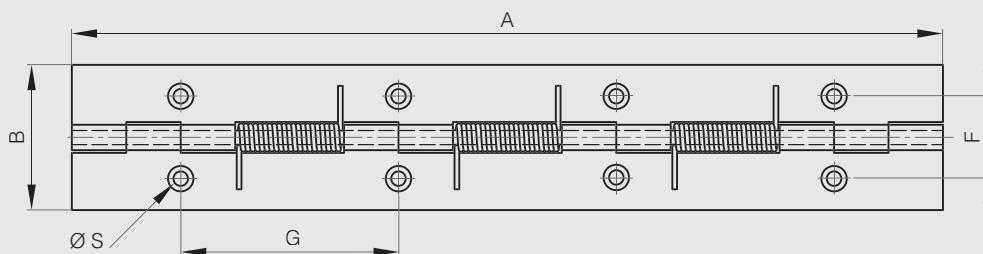
Opening spring force:

M(0°): 2.55 N.m / M(90°): 1.68 N.m / M(180°): 0.84 N.m

Stainless steel spring.

270° 1mm STAINLESS STEEL STEEL RoHS

Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
71-1-3801	steel	raw	240	40	1.5	4				undrilled	164
71-1-3807	steel	zinc plated	240	40	1.5	4	22.7	60	4	drilled	164
71-1-3789	304 stainless steel	raw	240	40	1.5	4				undrilled	164
71-1-3795	304 stainless steel	raw	240	40	1.5	4	22.7	60	4	drilled	164



Closing spring hinges 240 mm long

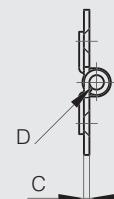
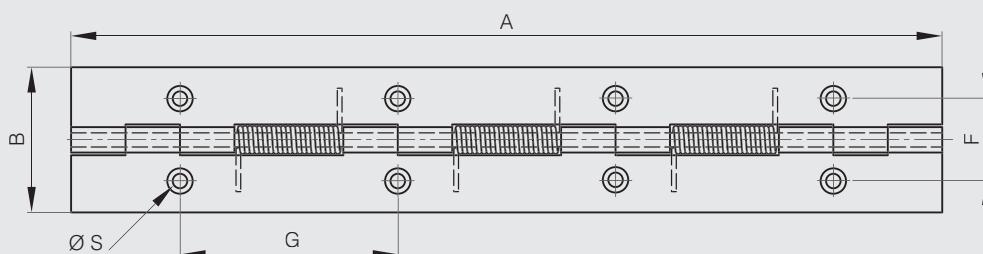
Closing spring force:

M(0°): 0.84 N.m / M(90°): 1.68 N.m / M(180°): 2.55 N.m

Stainless steel spring.

270° 1mm STAINLESS STEEL STEEL RoHS

Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
71-1-3804	steel	raw	240	40	1.5	4				undrilled	164
71-1-3810	steel	zinc plated	240	40	1.5	4	22.7	60	4	drilled	164
71-1-3792	304 stainless steel	raw	240	40	1.5	4				undrilled	164
71-1-3798	304 stainless steel	raw	240	40	1.5	4	22.7	60	4	drilled	164



Hinges with dual function

Rolled knuckle spring hinges

Spring hinges 50 mm long



Opening spring force:

M(0°): 1.5 N.m / M(90°): 1.1 N.m / M(180°): 0.65 N.m

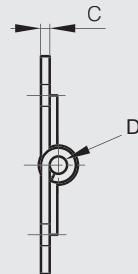
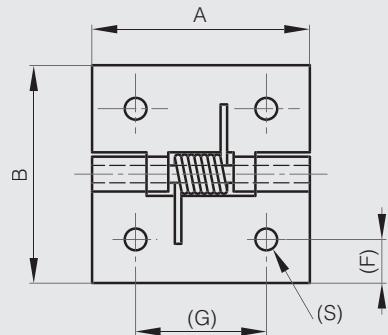


Closing spring force:

M(0°): 0.25 N.m / M(90°): 0.65 N.m / M(180°): 1.1 N.m



Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
71-1-3519	steel	zinc plated	50	50	2	4	9	30	5	stainless steel opening spring	50
71-1-3619	steel	zinc plated	50	50	2	4	9	30	5	stainless steel closing spring	50
NEW 71-1-3856	5754 alu	raw	50	50	2	4	9	30	5	Bezinal steel opening spring	22
NEW 71-1-3857	5754 alu	raw	50	50	2	4	9	30	5	Bezinal steel closing spring	22
71-1-3553	304 stainless steel	raw	50	50	2	4	10	30	5	stainless steel opening spring	50
71-1-3586	304 stainless steel	raw	50	50	2	4	10	30	5	stainless steel closing spring	50



Spring hinges 60 mm long - with 2 holes



Opening spring force:

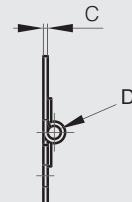
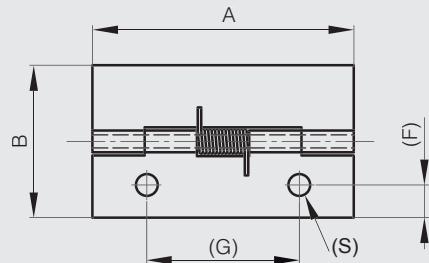
M(0°): 0.09 N.m / M(90°): 0.07 N.m / M(180°): 0.045 N.m

Closing spring force:

M(0°): 0.045 N.m / M(90°): 0.07 N.m / M(180°): 0.09 N.m



Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
71-1-3306	steel	raw	60	35	1	3	7.5	35	5	steel opening spring	22
71-1-3579	steel	raw	60	35	1	3	7.5	35	5	stainless steel opening spring	22
71-1-3617	steel	raw	60	35	1	3	7.5	35	5	stainless steel closing spring	22



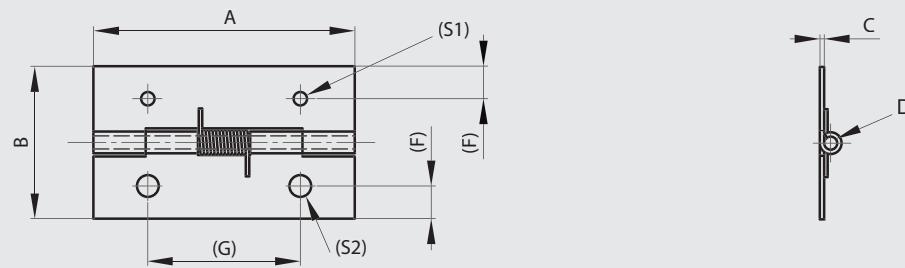
Hinges with dual function

Rolled knuckle spring hinges

Spring hinge 60 mm long - with 4 holes

Opening spring force:

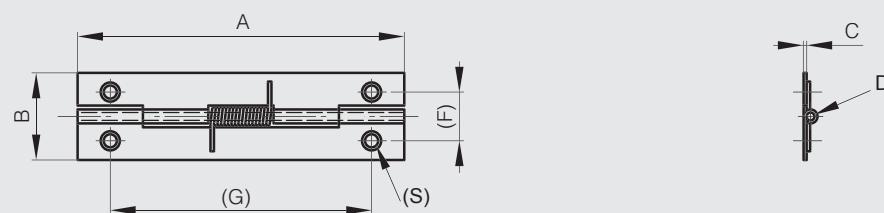
M(0°): 0.11 N.m / M(90°): 0.09 N.m / M(180°): 0.07 N.m



Spring hinges 75 mm long - drilled

Opening spring force:

M(0°): 0.12 N.m / M(90°): 0.09 N.m / M(180°): 0.06 N.m



Hinges with dual function

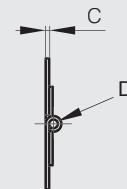
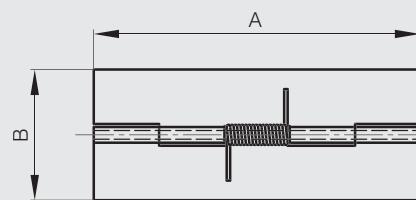
Rolled knuckle spring hinges

Spring hinges 75 mm long - undrilled

Opening spring force:

M(0°): 0.12 N.m / M(90°): 0.095 N.m / M(180°): 0.07 N.m

Part number	Material	Finish	A	B	C	D	Note	Weight (g)
71-1-3309	steel	raw	75	30	0.8	2	stainless steel opening spring	17
71-1-3583	304 stainless steel	raw	75	30	0.8	2	stainless steel opening spring	17

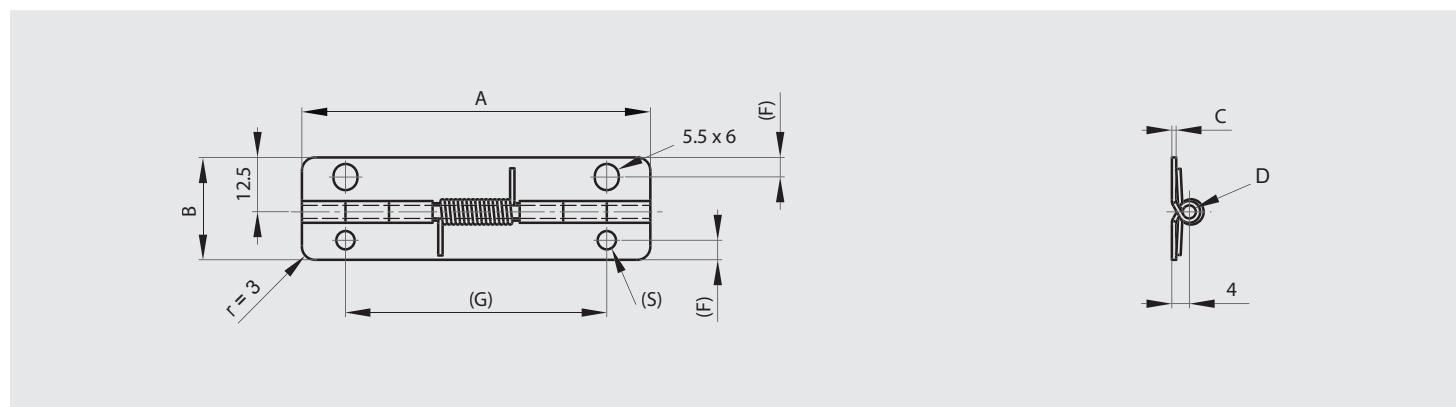
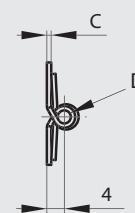
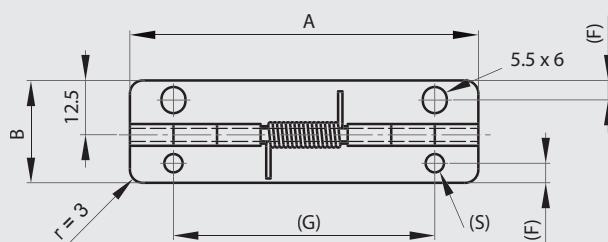


Spring hinges 80 mm long

Opening spring force:

M(0°): 0.17 N.m / M(90°): 0.12 N.m / M(180°): 0.065 N.m

Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
71-1-3578	304 stainless steel	raw	80	23.5	1	3	4.5	60	4	stainless steel opening spring	24.5
71-1-3304	430 stainless steel	raw	80	23.5	1	3	4.5	60	4	stainless steel opening spring	24.5



Hinges with dual function

Rolled knuckle spring hinges

Opening spring hinge 105 mm long

Opening spring force:

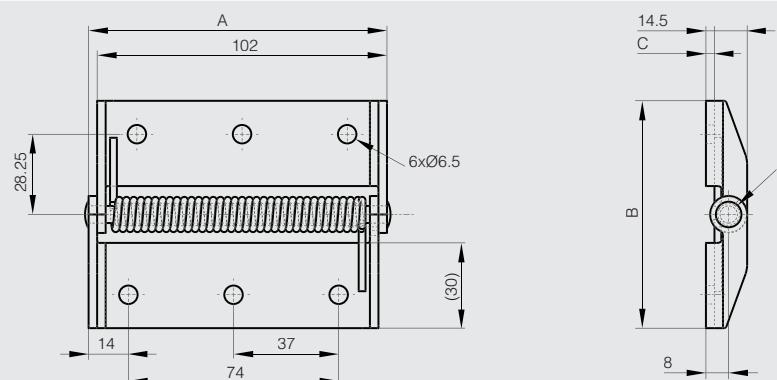
M(0°): 1.2 N.m / M(90°): 1.7 N.m / M(180°): 2.2 N.m

Pin in 304 stainless steel. Spring in Bezinal steel.



270° 105 mm STEEL RoHS

Part number	Material	Finish	A	B	C	D	Weight (g)
NEW 71-1-3851	steel	zinc plated	105	80	3	6	150



Spring hinges 160 mm long

Opening spring force for part numbers 71-1-3580 and 71-1-3581:

M(0°): 0.9 N.m / M(90°): 0.86 N.m / M(180°): 0.6 N.m

Closing spring force for part numbers 71-1-3618 and 71-1-3835:

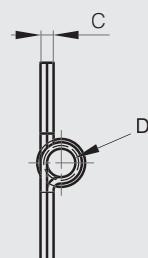
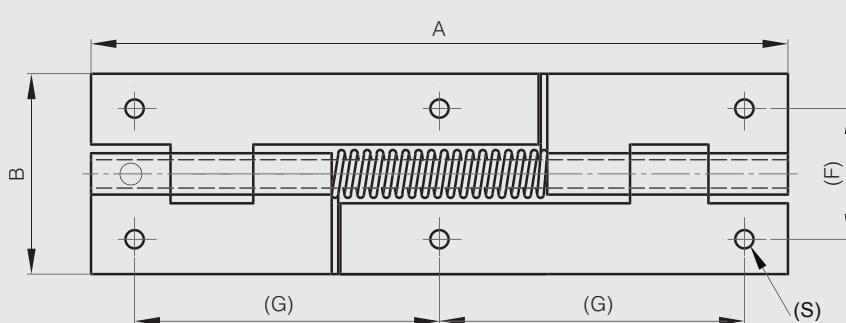
M(0°): 0.12 N.m / M(90°): 0.44 N.m / M(180°): 0.55 N.m

Punched pin.

270° 160 mm STAINLESS STEEL STEEL RoHS



Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
71-1-3580	steel	raw	160	46	3	6.5	30	70	4.2	stainless steel opening spring	208
71-1-3618	steel	raw	160	46	3	6.5	30	70	4.2	stainless steel closing spring	208
71-1-3581	304 stainless steel	raw	160	46	3	6.5	30	70	4.2	stainless steel opening spring	208
71-1-3835	304 stainless steel	raw	160	46	3	6.5	30	70	4.2	stainless steel closing spring	208



Hinges with dual function

Rolled knuckle spring hinges

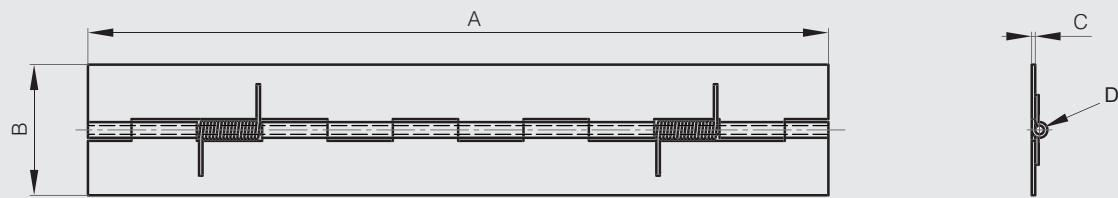
Spring hinges 170 mm long

Opening spring force:

M(0°): 0.24 N.m / M(90°): 0.19 N.m / M(180°): 0.14 N.m

270° 170 mm STAINLESS STEEL STEEL RoHS

Part number	Material	Finish	A	B	C	D	Note	Weight (g)
71-1-3303	steel	raw	170	30	0.8	2	stainless steel opening spring	41
71-1-3522	304 stainless steel	raw	170	30	0.8	2	stainless steel opening spring	41



Hinges with dual function

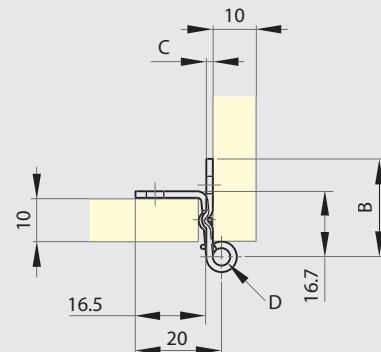
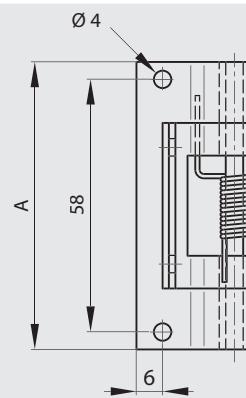
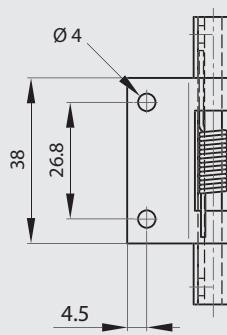
Cranked spring hinges

Cranked spring hinge 66 mm long

A full product data sheet is available on our website.



Part number	Material	Finish	A	B	C	D	Note	Weight (g)
71-1-3649	316 stainless steel	brightened	66	22.5	1.5	4	closing spring	38

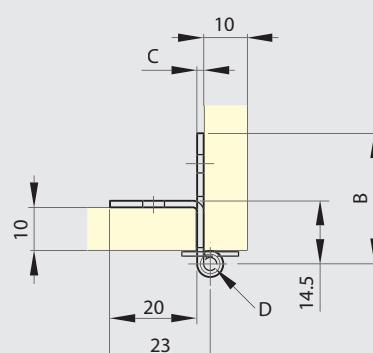
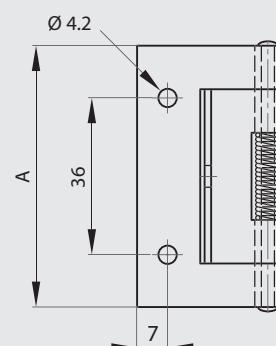
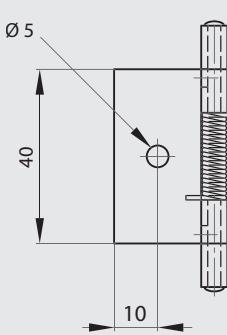


Cranked spring hinge 60 mm long

A full product data sheet is available on our website.



Part number	Material	Finish	A	B	C	D	Note	Weight (g)
71-1-3622	316 stainless steel	raw	60	30	1.5	3	closing spring	40



Hinges with dual function

Spring loaded lift-off hinges

Spring loaded lift-off hinges for doors

Hinges with integrated spring system, sold in pairs.

Brass washer.

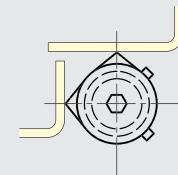
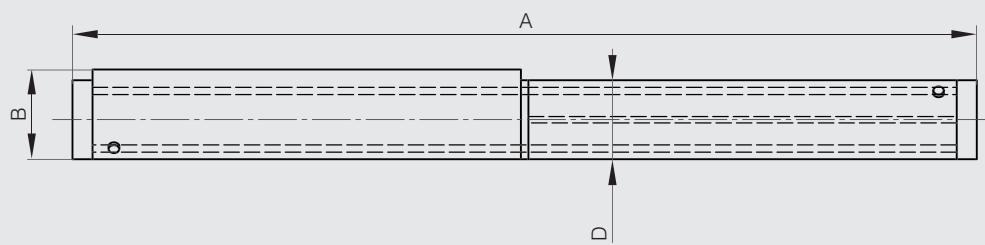
Shuts door automatically.

Resistance of the spring: 500 000 cycles. Adjustable spring system.

Opening angle 180°.



Part number	Material	Finish	A	B	D	Weight (g)
14-7-3745	steel	raw	250	25	22	592





Hinges with dual function

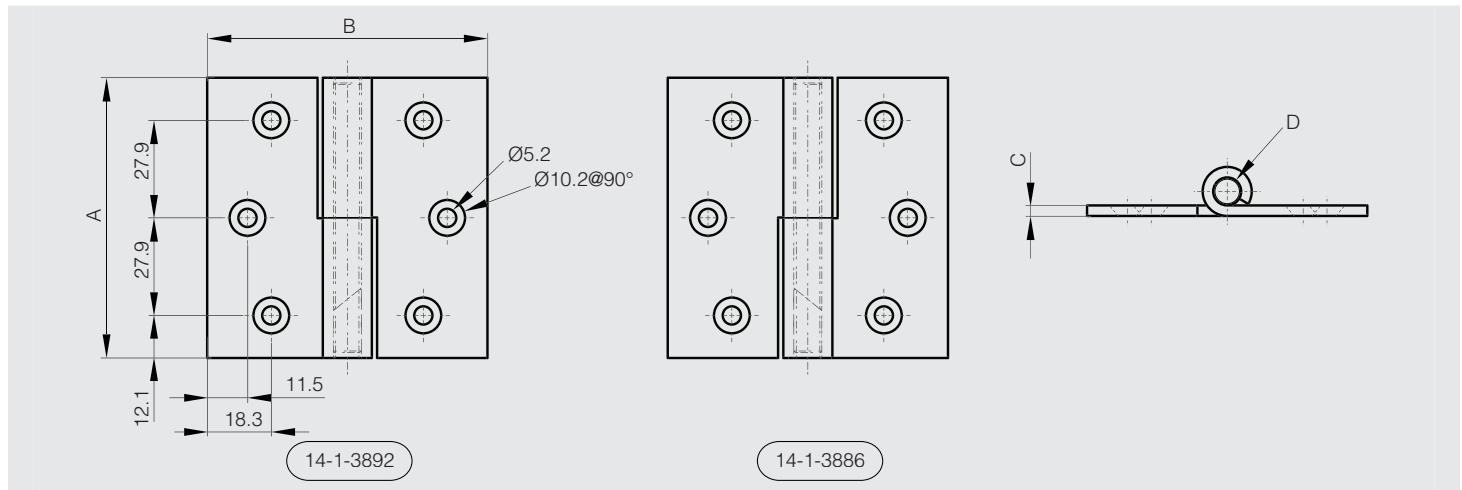
Lift-off rising hinges

Lift-off rising hinge in stainless steel

Ramp integrated in the pin allows automatic closing by gravity.



Part number	Material	Finish	A	B	C	D	Note	Weight (g)
NEW 14-1-3886	304 stainless steel	brushed	80	80	3	8	type 2	216
NEW 14-1-3892	304 stainless steel	brushed	80	80	3	8	type 1	216



Hinges with dual function

Friction hinges

Small friction hinges - adjustable

Small size friction hinge to maintain a lid / door in position.

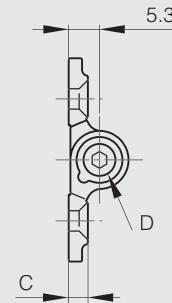
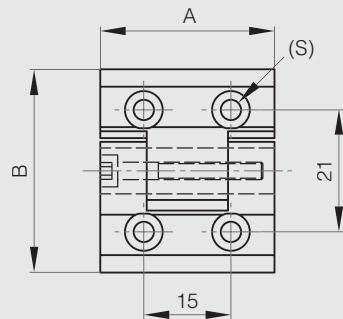
The friction torque is adjustable with a hex key.

2 other versions available: with spring or with detent function.

A full product data sheet is available on our website.



Part number	Material	Finish	A	B	C	D	S	Torque	Weight (g)
72-1-4136	6060 T5 alu	raw	30	35	3	8	3.5	0 - 1 N.m	10
72-1-4160	6060 T5 alu	clear anodised	30	35	3	8	3.5	0 - 1 N.m	10
72-1-4137	6060 T5 alu	black anodised	30	35	3	8	3.5	0 - 1 N.m	10



Large friction hinges - adjustable

Large size friction hinge to maintain a lid / door in position.

The friction torque is adjustable with a hex key.

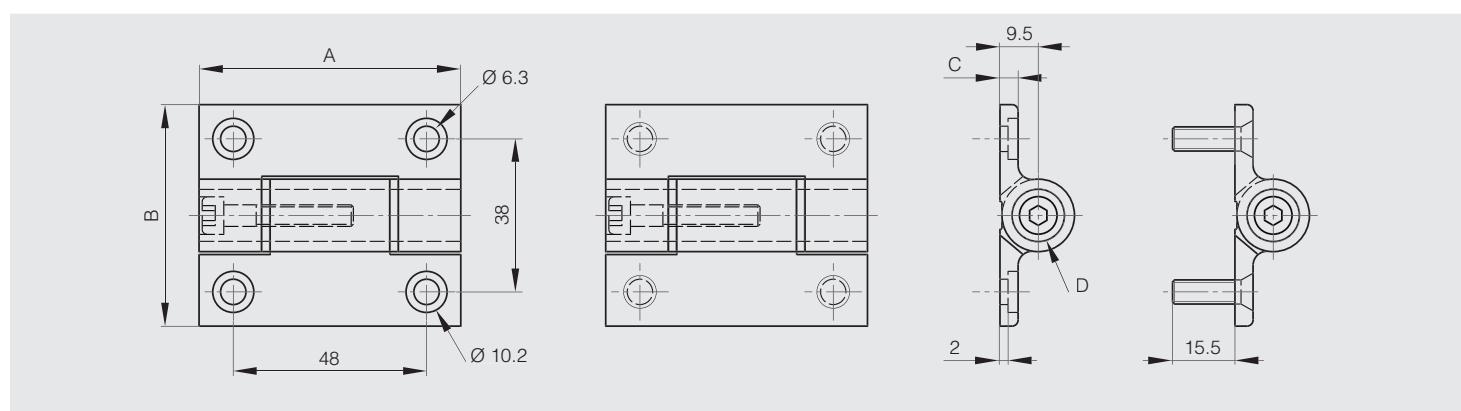
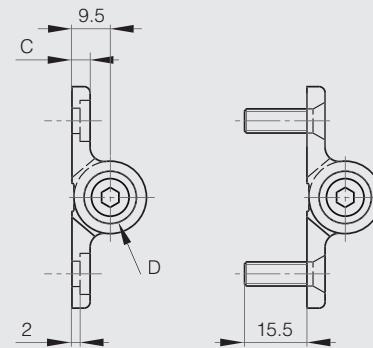
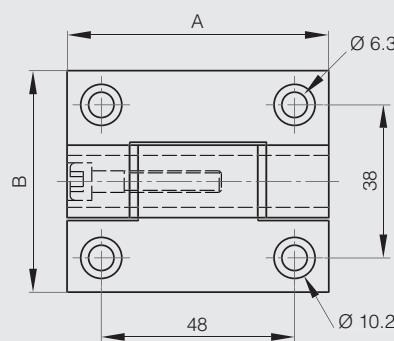
Available with a choice of studs or holes.

3 other versions available: with spring, with detent function or free swinging.

A full product data sheet is available on our website.



Part number	Material	Finish	A	B	C	D	Torque	Note	Weight (g)
72-1-4145	6060 T5 alu	clear anodised	65	55	4.5	13	0 - 5 N.m	fixing by screw CHC M6	66
72-1-4146	6060 T5 alu	black anodised	65	55	4.5	13	0 - 5 N.m	fixing by screw CHC M6	66
72-1-4147	6060 T5 alu	clear anodised	65	55	4.5	13	0 - 5 N.m	fixing by M6 studs	78
72-1-4148	6060 T5 alu	black anodised	65	55	4.5	13	0 - 5 N.m	fixing by M6 studs	78



Hinges with dual function

Friction hinges

Friction hinge in stainless steel - friction torque 3 N.m

Constant torque. Stable at various temperatures.

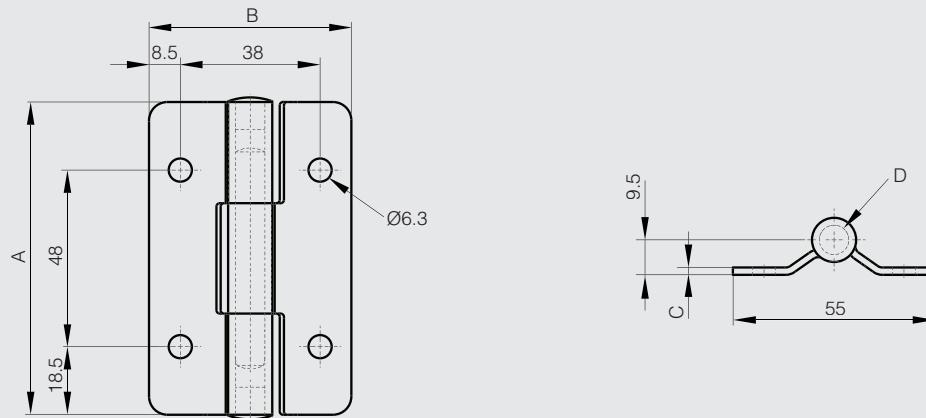
Pin in steel.



180° STAINLESS STEEL

RoHS

Part number	Material	Finish	A	B	C	D	Torque	Note	Weight (g)
NEW 62-1-3710	301 stainless steel	raw	85	55	2	8	3 N.m	with friction	120
NEW 62-1-3711	301 stainless steel	raw	85	55	2	8		no torque	120



Friction hinge in stainless steel - friction torque 5 N.m

Constant torque. Stable at various temperatures.

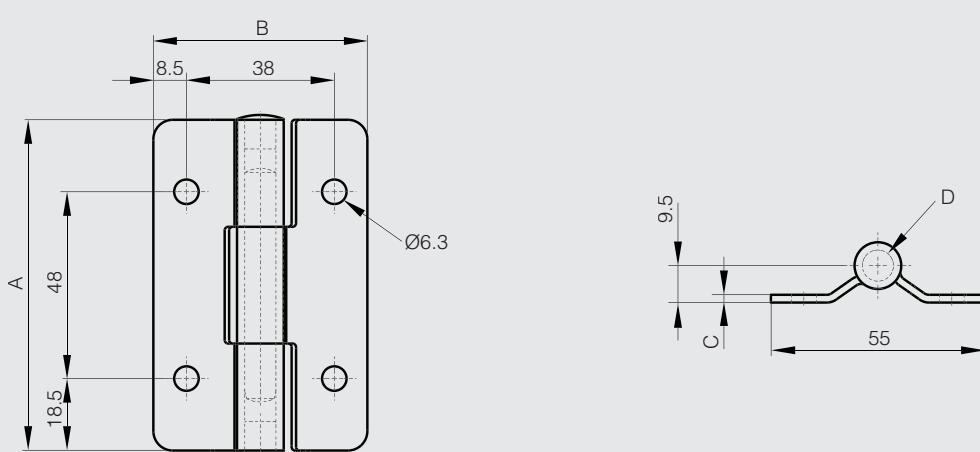
Pin in steel.



180° STAINLESS STEEL

RoHS

Part number	Material	Finish	A	B	C	D	Torque	Note	Weight (g)
NEW 62-1-3712	301 stainless steel	raw	85	55	2	12	5 N.m	with torque	155
NEW 62-1-3713	301 stainless steel	raw	85	55	2	12		no torque	155



Hinges with dual function

Friction hinges

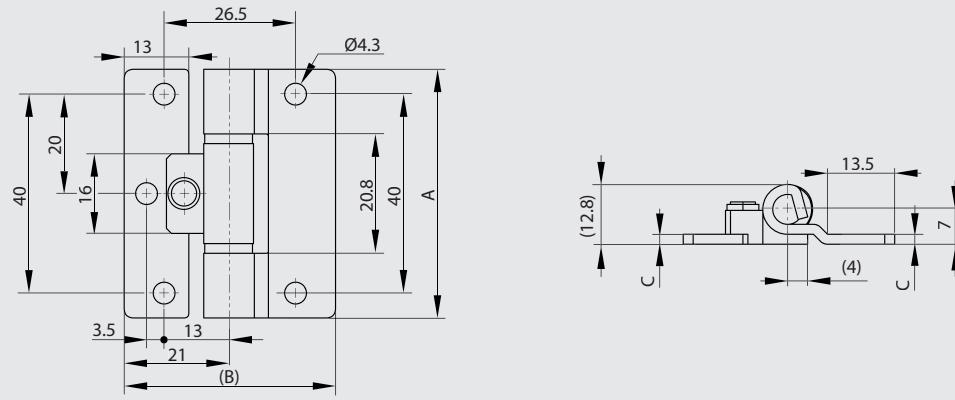
Stainless steel friction hinge - friction torque 1.9 N.m

Hinge with friction torque holds lid / door in desired position.

Operating temperature: -20°C / +60°C.



Part number	Material	Finish	A	B	C	Torque	Weight (g)
52-7-4048	304 stainless steel	polished	50	42.5	2	1.9 N.m	51



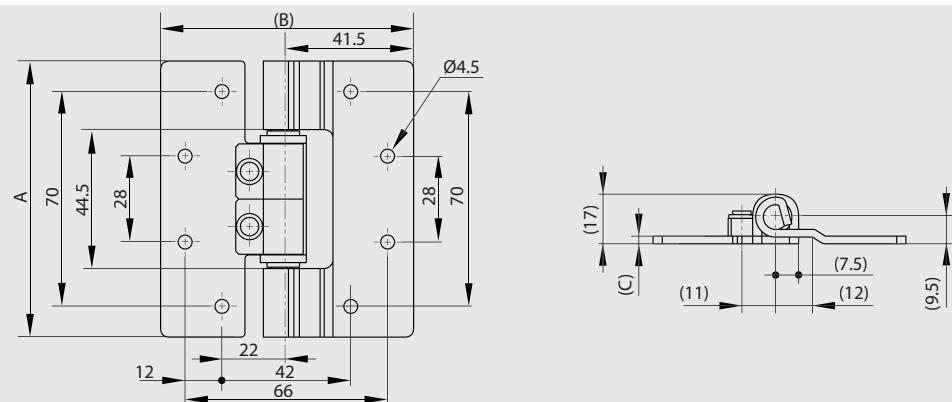
Stainless steel friction hinge - friction torque 5.8 N.m

Hinge with friction torque holds lid / door in desired position.

Operating temperature: -20°C / +60°C.



Part number	Material	Finish	A	B	C	Torque	Weight (g)
52-7-4049	304 stainless steel	polished	90	82.5	2.5	5.8 N.m	195



Hinges with dual function

Friction hinges

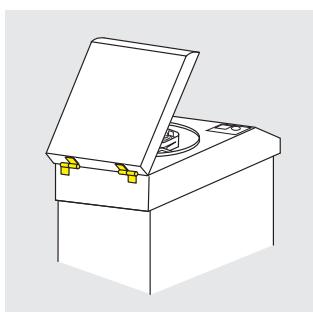
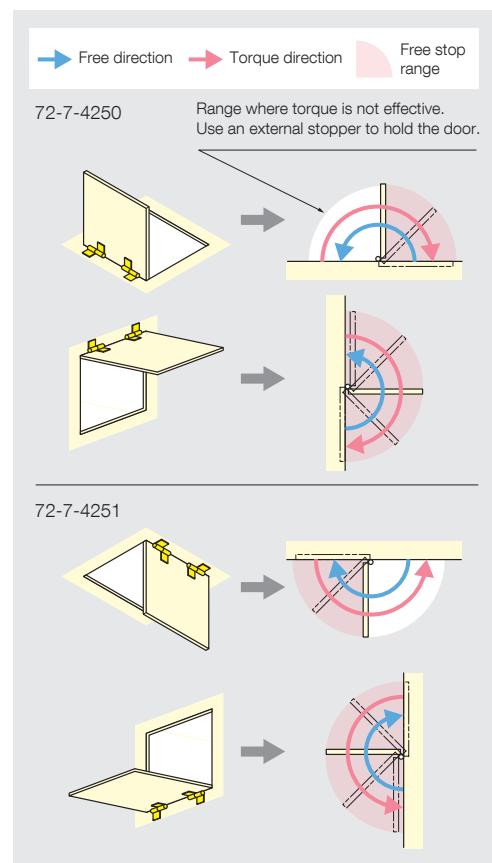
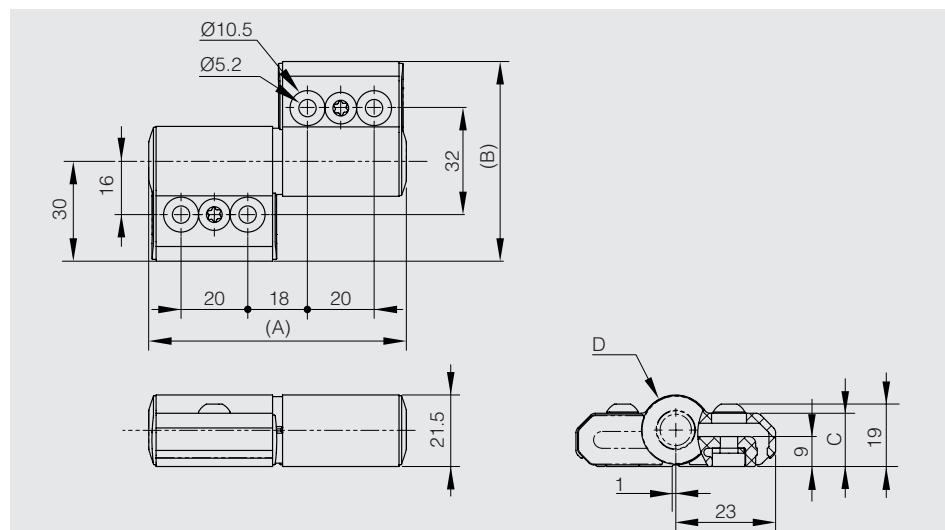
One way torque hinge - constant torque 9 N.m / set



- Aluminium torque hinge.
- Friction in one direction only: allows for frictionless handling of the door in the opposite direction.
- Tested over 30,000 cycles.
- Torque is constant in torque direction.
- Sold in pairs (left / right).
- Ideal to prevent shock to the door and / or safety.
- Torque moment (per set): 9 N.m.
- Initial torque may vary from -20% to +40%.
- Not suited for vibration environment.
- Torque will be affected by temperature.
- Do not lubricate.
- For indoor use only.
- Body in aluminium, shaft in stainless steel, sleeve and cover in polyacetal (POM).



Part number	Material	Finish	A	B	C	D	Torque	Note	Weight (g)
72-7-4250	aluminium	anodised	77.5	60	16	21	9 N.m / set	torque in the clockwise direction sold in pairs	270
72-7-4251	aluminium	anodised	77.5	60	16	21	9 N.m / set	torque in the anti clockwise direction sold in pairs	270



Installation

Hinges with dual function

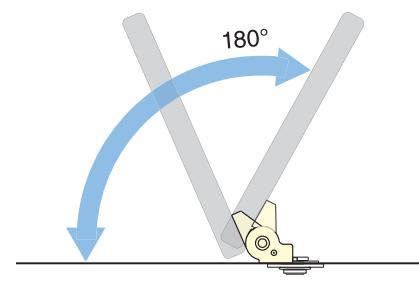
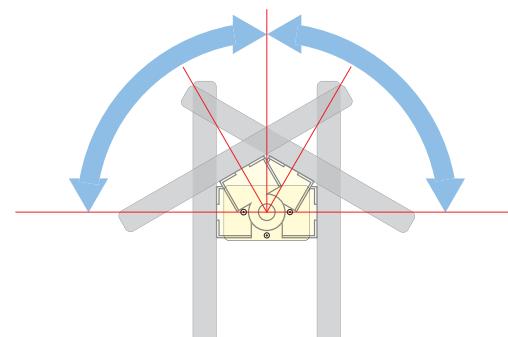
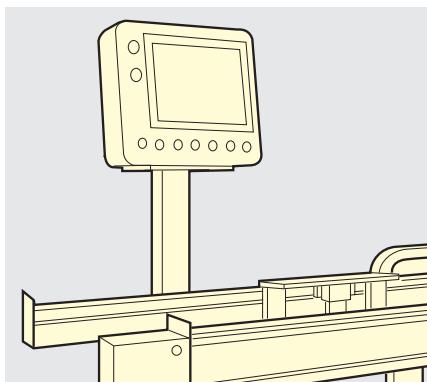
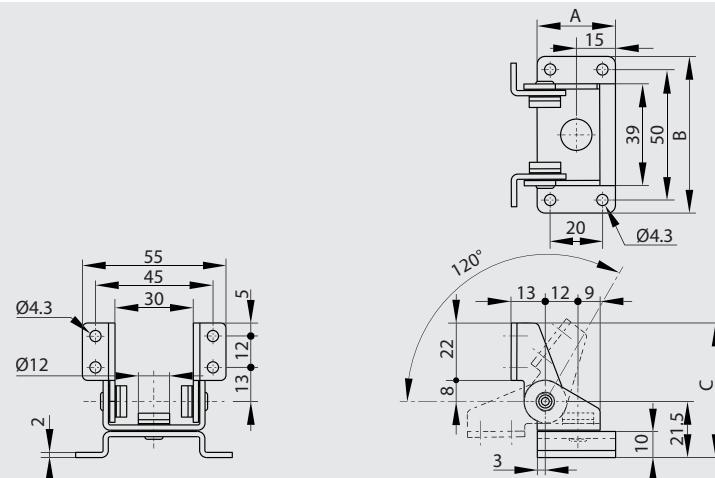
Friction hinges

Dual axis torque hinge - 30 x 60 mm

- Dual axis: free stop at any angle in tilt & swivel.
- Provide torque stability in both directions.
- Torque per piece (tilting): 2.9 N.m.
- Torque per piece (swiveling): 1.4 N.m.
- Suitable for monitor screens.
- Rotation upon axis X can occur from 0° to 180°.
- Rotation upon axis Z can occur up to 360°.



Part number	Material	Finish	A	B	C	Torque	Weight (g)
70-7-3622	430 stainless steel	polished	30	60	51.5	2.9 N.m (axis X) 1.4 N.m (axis Z)	92



Hinges with dual function

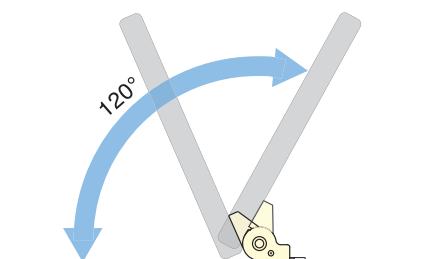
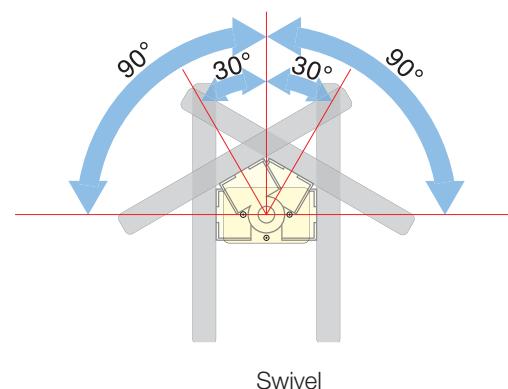
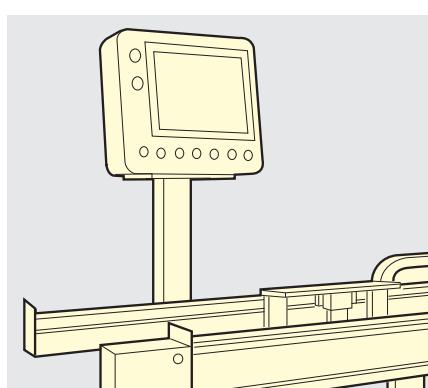
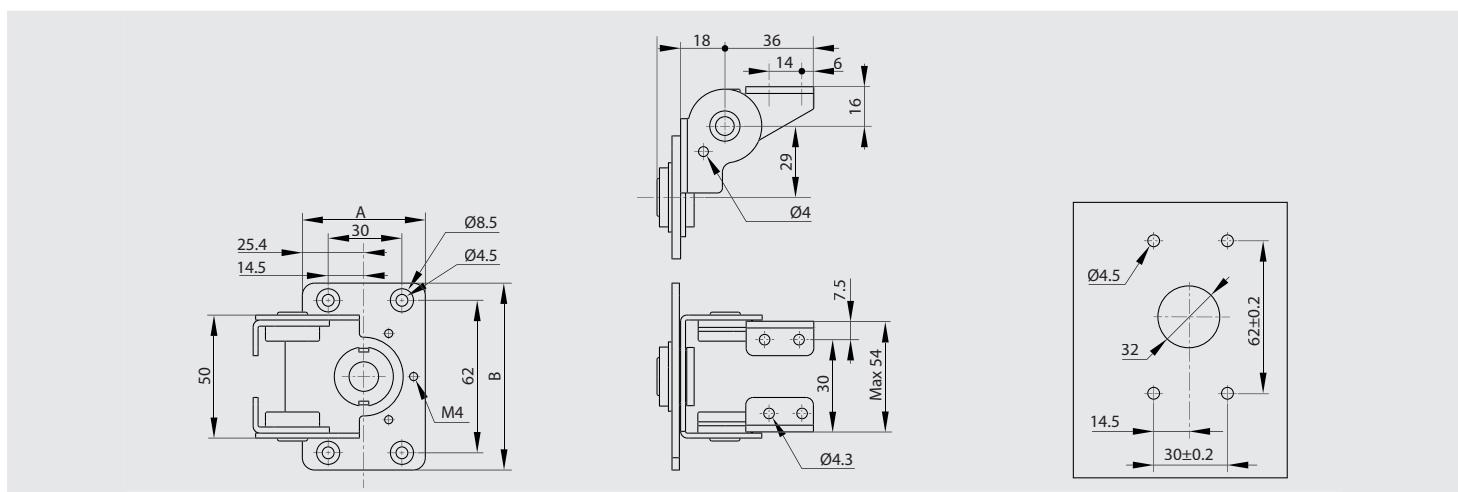
Friction hinges

Dual axis torque hinge - 50 x 76 mm

- Dual axis: free stop at any angle in tilt & swivel.
- Provide torque stability in both directions.
- Torque per piece (tilting): 7 N.m.
- Torque per piece (swiveling) 3 N.m.
- Suitable for monitor screens.
- Rotation upon axis X is free but can be blocked from 0° to 120° with an additional pin.
- Rotation upon axis Z is free but can be blocked at 30° or 90° with additional pins (various holes in the fixing plate).
- Electric cables can go through a hole in the middle of the fixing plate.



Part number	Material	Finish	A	B	Torque	Weight (g)
70-7-3621	430 stainless steel	polished	50	76	7 N.m (axis X) 3 N.m (axis Z)	232



Tilt

Hinges with dual function

Friction hinges

Swivel torque hinge - torque 2 N.m

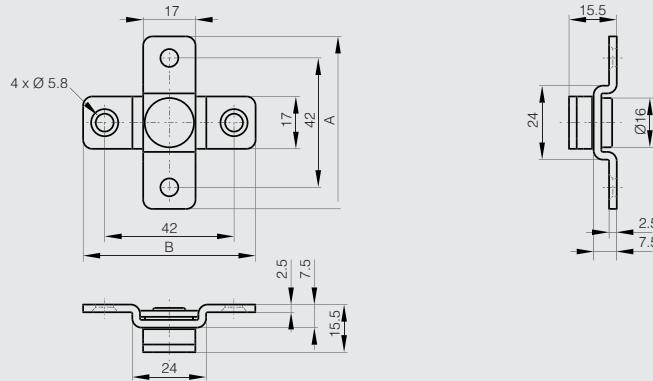
Rotation angle: 360°.

Friction torque: 2 N.m.

For indoor applications (industrial control panels and monitors).



Part number	Material	Finish	A	B	Torque	Weight (g)
NEW 70-7-3636	430 stainless steel	polished	56	56	2 N.m	49



Swivel torque hinge with hole diameter 21.5 mm - torque 5 N.m

Rotation angle: 360°.

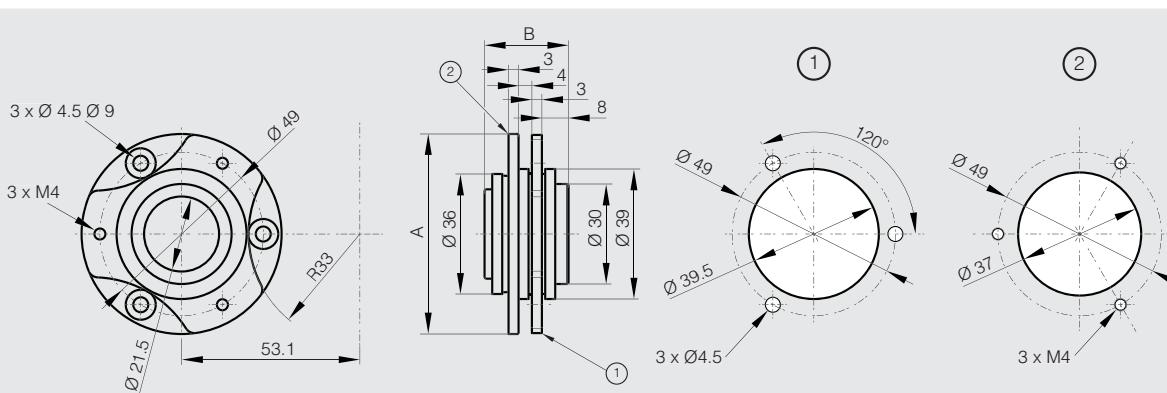
Friction torque: 5 N.m.

Center hole for easy cable management.

For indoor applications (industrial control panels and monitors).



Part number	Material	Finish	A	B	Torque	Weight (g)
NEW 70-7-3637	430 stainless steel	polished	60	25	5 N.m	174



Hinges with dual function

Friction hinges

Swivel torque hinge with hole diameter 34 mm - torque 7 N.m



Rotation angle: 360°.

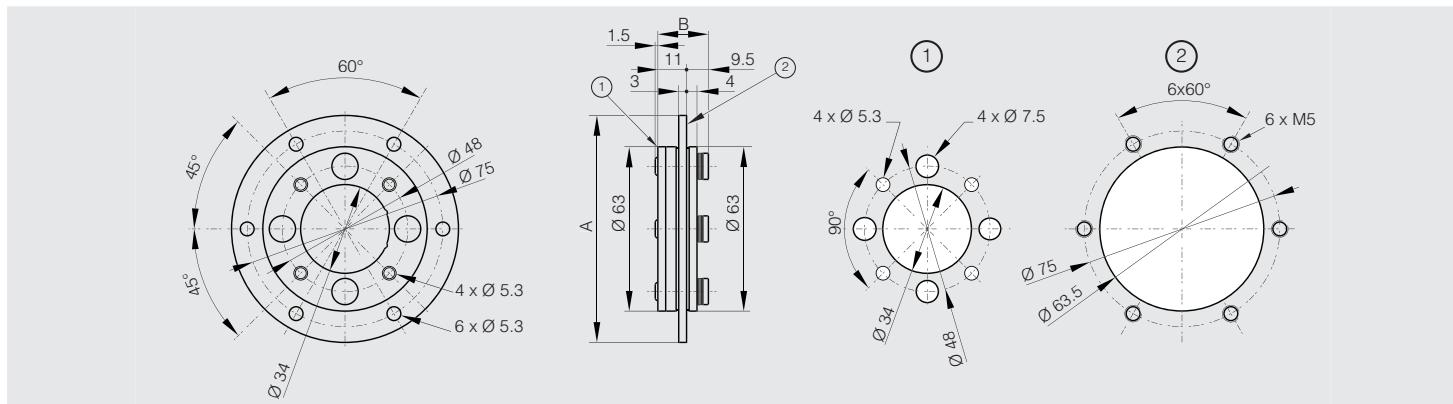
Friction torque: 7 N.m.

Center hole for easy cable management.

For indoor applications (industrial control panels and monitors).



Part number	Material	Finish	A	B	Torque	Weight (g)
NEW 70-7-3638	430 stainless steel	polished	87	20.5	7 N.m	282



Mini torque hinges - torque 0.25 N.m

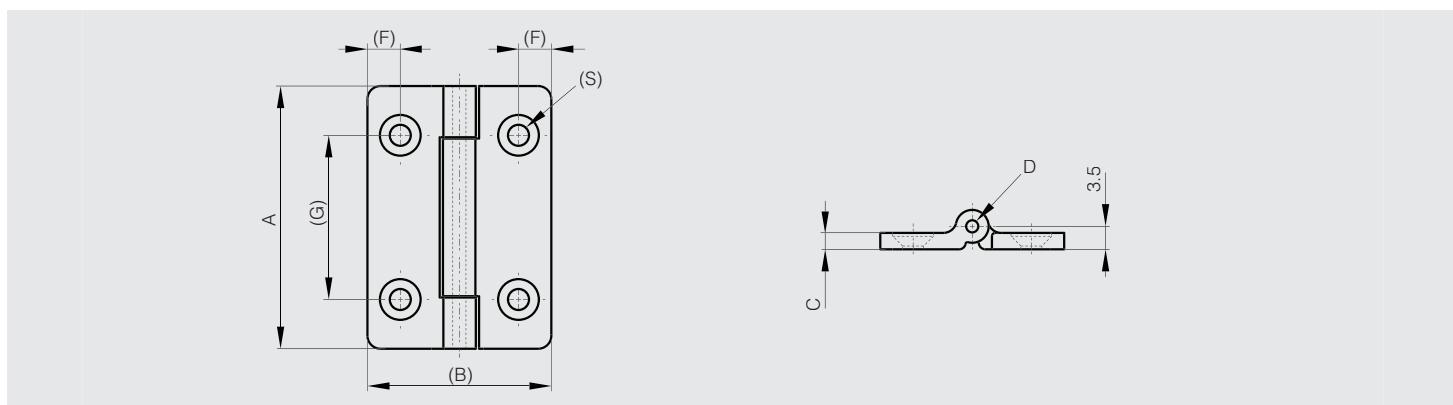


Passed 20,000 open/close test.

Pin in 304 stainless steel.



Part number	Material	Finish	A	B	C	D	F	G	S	Torque	Weight (g)
NEW 54-7-3547	POM	black	40	28	2.5	2	5	25	3.2	0.25 N.m	5
NEW 54-7-3548	POM	white	40	28	2.5	2	5	25	3.2	0.25 N.m	5



Hinges with dual function

Detent hinges

Hi-Klik™ detent hinges - small

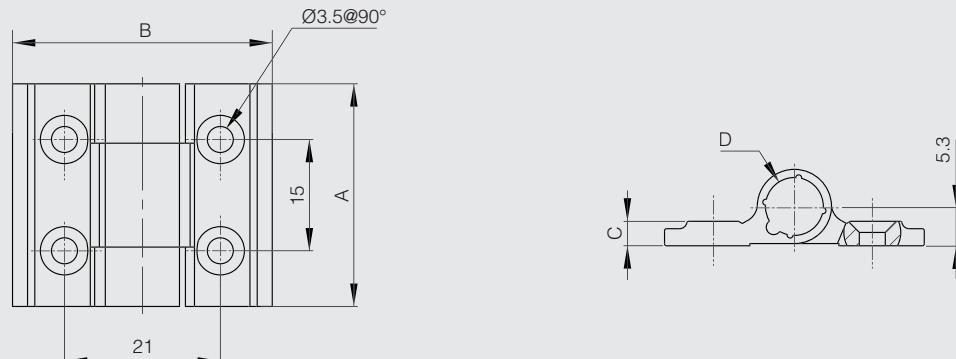
Indented every 30°.

Torque is preset.

2 different versions available: with spring or with friction mechanism.



Part number	Material	Finish	A	B	C	D	Torque	Weight (g)
72-1-4235	6060 T5 alu	clear anodised	30	35	3.3	8	0.4 N.m	10
72-1-4236	6060 T5 alu	black anodised	30	35	3.3	8	0.4 N.m	10



Hi-Klik™ detent hinges - large

Indented every 30°. 4 torque values.

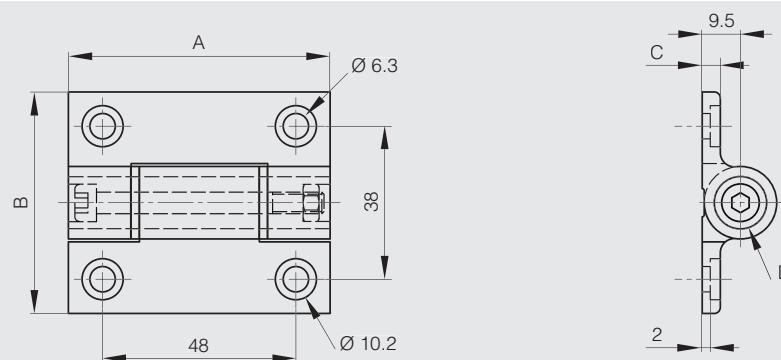
Torque is preset.

3 other versions available: free swinging, with spring or with friction mechanism.

A full product data sheet is available on our website.



Part number	Material	Finish	A	B	C	D	Torque	Weight (g)
72-1-4197	6060 T5 alu	black anodised	67	55	4.5	13	1.8 N.m	106
72-1-4198	6060 T5 alu	black anodised	67	55	4.5	13	2.5 N.m	106
72-1-4225	6060 T5 alu	black anodised	67	55	4.5	13	3.2 N.m	106
72-1-4233	6060 T5 alu	black anodised	67	55	4.5	13	5 N.m	106



Hinges with dual function

Detent hinges

Detent plastic hinges

Holds door leaves in 4 different positions (90° each).

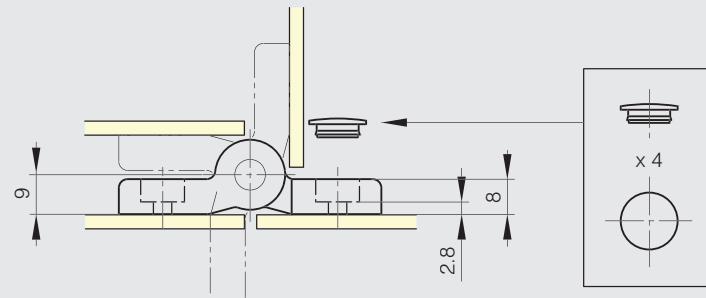
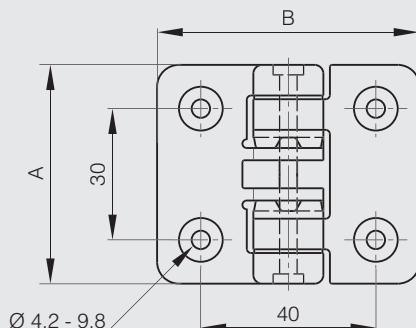
Maximum door weight: 1.2 kg/pair.

303 stainless steel pin.

A full product data sheet is available on our website.



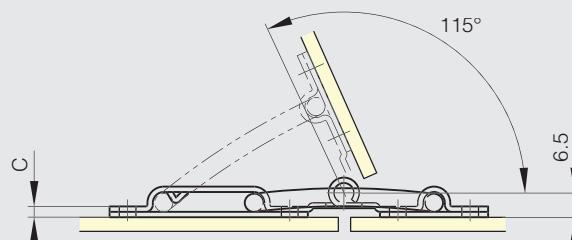
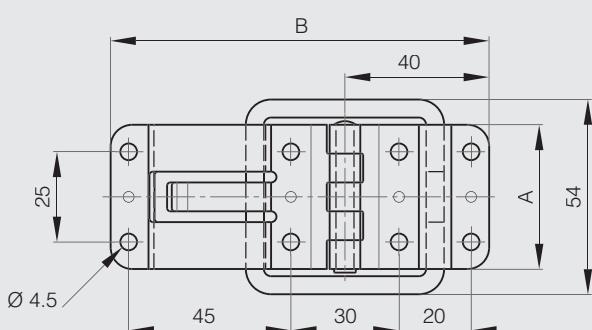
Part number	Material	Finish	A	B	Torque	Weight (g)
54-7-3509	polyacetal	ivory	50	60	0.49 N.m	30
54-7-3510	polyacetal	black	50	60	0.49 N.m	30



Hinge with stop at 115°



Part number	Material	Finish	A	B	C	Weight (g)
52-7-3960	304 stainless steel	polished	40	105	3	122



Hinges with dual function

Hinges with stop

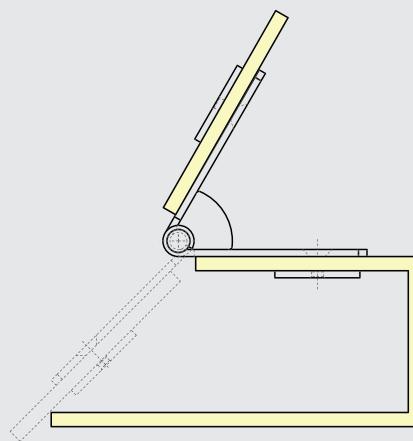
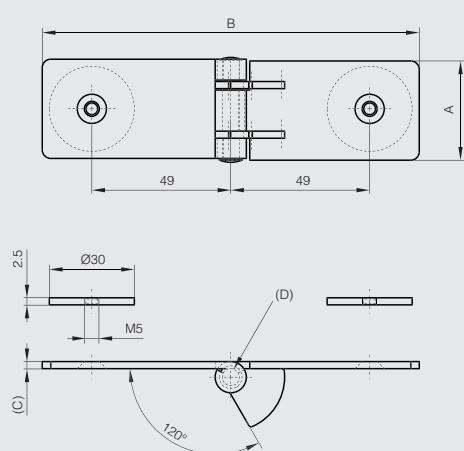
Hinge with stop at 60°

Suitable for mounting on glass doors.

For horizontal application.



Part number	Material	Finish	A	B	C	D	Weight (g)
52-1-3840	304 stainless steel	brightened	35	133	2.5	6	140



Hinges with dual function

Soft-close dampening hinges

Soft-close dampening hinges in aluminium

- Soft-close dampening hinge: soft-close damper keeps lid from slamming shut when the hinge is put in the open position.

- Damper working direction: shown by the arrow in the drawing.

- Operating angle: 115°.

- If the opening angle is wider than 115° (+/- 5°), mechanism is broken and damper doesn't work any longer.

- Provide a door stopper to prevent from overturning beyond the prescribed angle range.

- Do not force the door to close faster in damper effective direction. It can cause damage to the product.

- When the door opening angle is small, the dampers may not work smoothly.

- Torque moment (for one hinge): 2.5 to 4.5 N.m.

- Torque calculation:

Torque (N.m) = L (m) x 1/2 x W (kg) x 9.8 with:

- L = door height in metre.

- W = door weight in kilo.

- Operating temperature: 0 to +40°C.

- Soft close of a door (vertical application): door closing system.

Put together with a spring hinge with same dimension (72-1-4231 or 72-1-4232), an automatic soft close of a door is possible without any other component.

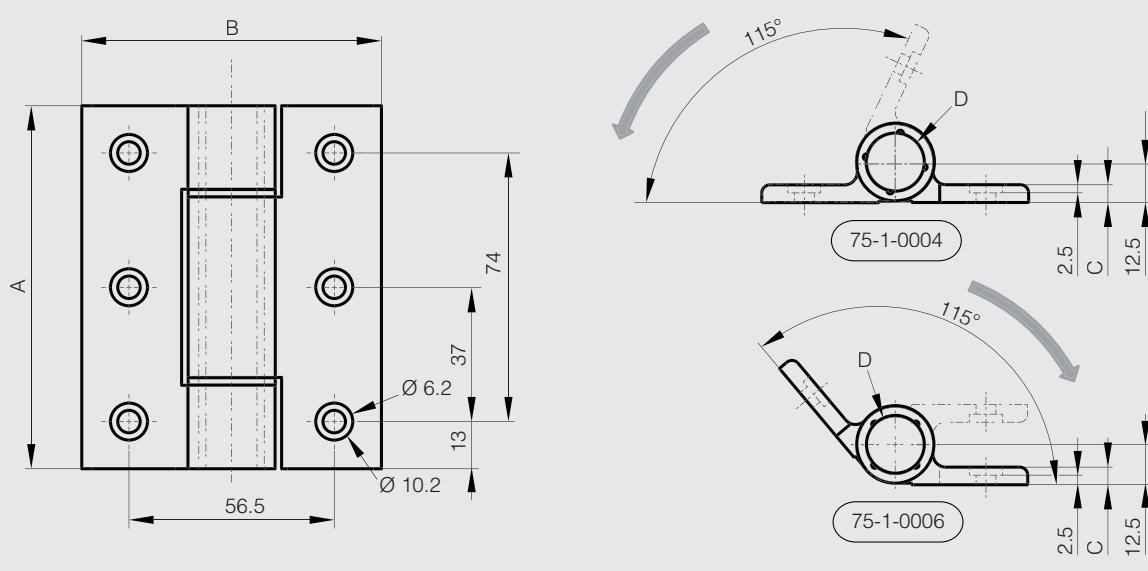
Please ask us for more information.



115° ALU



Part number	Material	Finish	A	B	C	D	Torque	Note	Weight (g)
75-1-0004	6082 T5 alu	clear anodised	100	82.5	5.5	18	2.5 - 4.5 N.m	Damper working direction when opening the hinge	242
NEW 75-1-0006	6082 T5 alu	clear anodised	100	82.5	5.5	18	2.5 - 4.5 N.m	Damper working direction when closing the hinge	242



Hinges with dual function

Soft-close dampening hinges

Soft-close dampening hinge in stainless steel

- Soft-close dampening hinge: soft-close damper keeps lid from slamming shut when the hinge is put in the closed position.

115° STAINLESS STEEL

- Damper working direction: shown by the arrow in the drawing.

- Operating angle: 115°.

- If the opening angle is wider than 115° (+/- 5°), mechanism is broken and damper doesn't work any longer.

- Provide a door stopper to prevent from overturning beyond the prescribed angle range.

- Do not force the door to close faster in damper effective direction. It can cause damage to the product.

- When the door opening angle is small, the dampers may not work smoothly.

- Torque moment (for one hinge): 2.2 to 3.0 N.m.

- Torque calculation:

Torque (N.m) = L (m) x 1/2 x W (kg) x 9,8 with:

• L = door height in metre.

• W = door weight in kilo.

- Operating temperature: 0 to + 40°C.

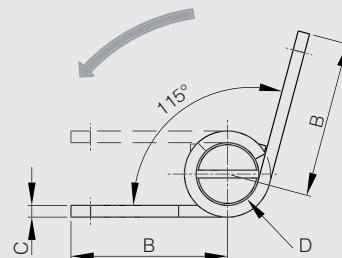
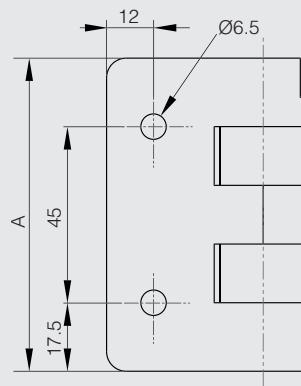
- Soft close of a door (vertical application): door closing system.

A similar hinge with a spring can be used: put together with a dampening hinge, an automatic soft close of a door is possible without any other component.

Please ask us for more information.



Part number	Material	Finish	A	B	C	D	Torque	Note	Weight (g)
75-1-0003	304 stainless steel	raw	80	40	3	16	2.2 - 3.0 N.m	Damper working direction when closing the hinge	300



Hinges with dual function

Soft-close dampening hinges

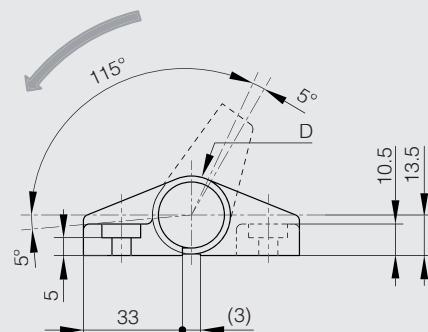
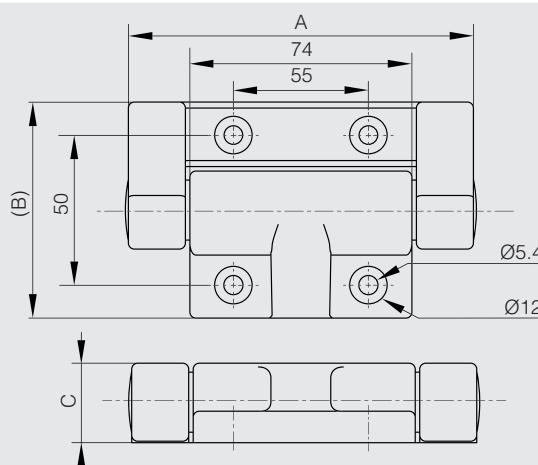
Soft-close dampening hinges in plastic

- Soft close dampening hinge: soft-close damper keeps lid from slamming shut.
- Operating angle: 115°.
- If the opening angle is wider than 115° (+/- 5°), mechanism is broken and damper doesn't work any longer.
- Provide a door stopper to prevent from overturning beyond the prescribed angle range.**
- Do not force the door to close faster in damper effective direction. It can cause damage to the product.
- When the door opening angle is small, the dampers may not work smoothly.
- Torque moment (pair): 10 to 14 N.m.
- Torque calculation:
Torque (N.m) = L (m) x 1/2 x W (kg) x 9.8 with:
 - L = door height in metre.
 - W = door weight in kilo.
- Operating temperature: 0 to +40°C
- 2 damper working directions available:
 - part number 54-7-3543: damper working direction when opening the hinge (as shown by the arrow on the drawing).
 - part number 54-7-3544: damper working direction when closing the hinge (not shown).
- Mounting examples: see drawings.

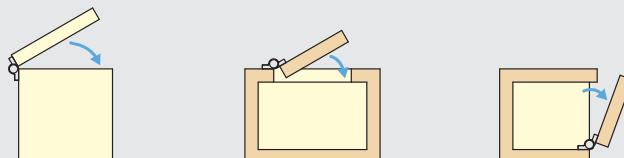
115° POLYMER



Part number	Material	Finish	A	B	C	D	Torque	Note	Weight (g)
54-7-3543	polymer	dark grey	115	72	26.5	26	5 - 7 N.m	Damper working direction when opening the hinge: hinge without marking color (backside)	180
54-7-3544	polymer	dark grey	115	72	26.5	26	5 - 7 N.m	Damper working direction when closing the hinge: hinge red marking color (backside)	180

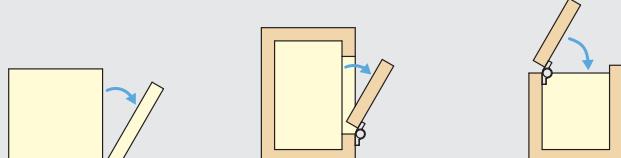


54-7-3543



Damper working direction when opening the hinge

54-7-3544



Damper working direction when closing the hinge

Hinges with dual function

Soft-close dampening hinges

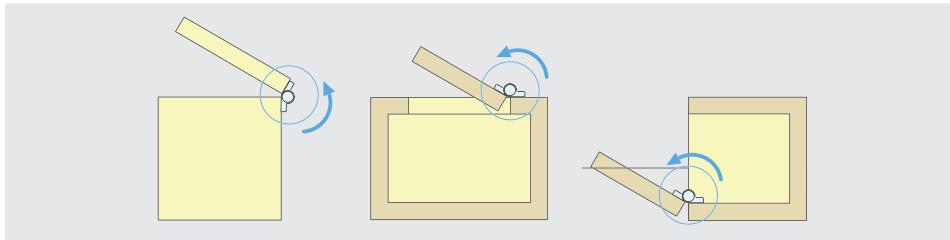
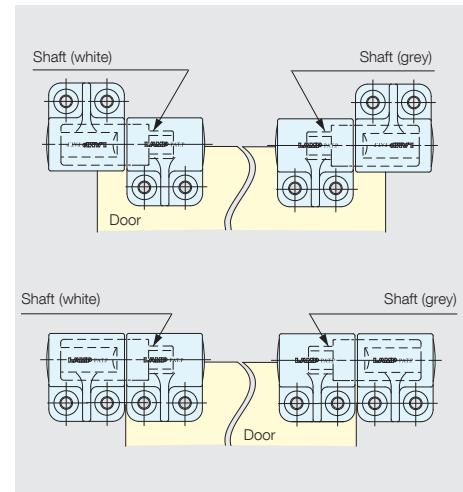
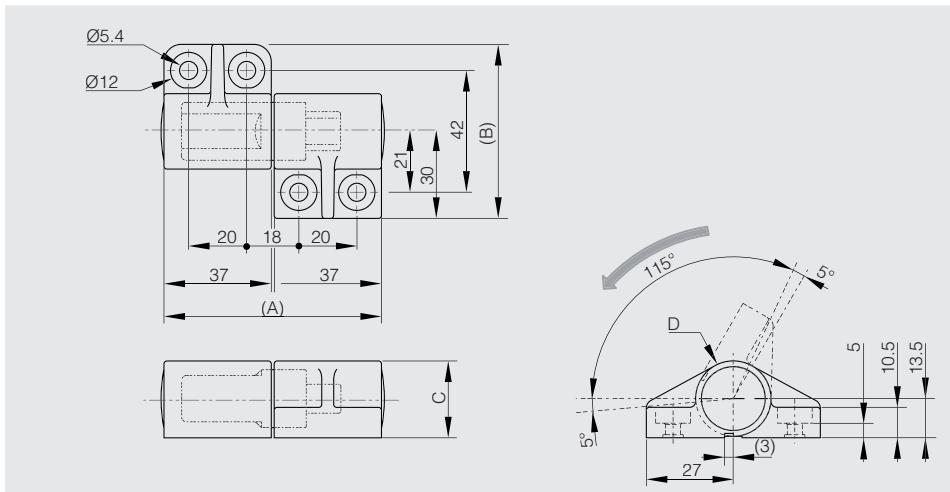
Soft-close dampening lift-off hinge

- Soft close dampening lift-off hinges: soft-close damper keeps lid from slamming shut.
- Sold in pairs (type 1 and type 2).
- Lift-off hinge type 1 has a grey shaft and the damper working direction is clockwise.
- Lift-off hinge type 2 has a white shaft and the damper working direction is counter-clockwise (shown on the drawing).
- Operating angle: 115°.
- If the opening angle is wider than 115° (+/- 5°), mechanism is broken and damper doesn't work any longer.
- Provide a door stopper to prevent from overturning beyond the prescribed angle range.**
- Do not force the door to close faster in damper effective direction. It can cause damage to the product.
- When the door opening angle is small, the dampers may not work smoothly.
- Torque moment (pair): 5 to 7 N.m.
- Torque calculation:
Torque (N.m) = L (m) x 1/2 x W (kg) x 9.8 with:
 - L = door height in metre.
 - W = door weight in kilo.
- Operating temperature: 0 to +40°C.

115° POLYMER



Part number	Material	Finish	A	B	C	D	Torque	Note	Weight (g)
12-7-4241	polymer	dark grey	75	60	26.5	26	5 - 7 N.m / set	sold in pairs	180



Hinges with dual function

Latching hinges

Compression latching hinges

Latching hinge that may be used as hinge or latch according to need.

Allows you to open door as left- or right hinged door, or to remove door completely. Universal left- and right assembly.

Available with a built-in safety catch for safe opening of pressurized doors. In addition to the 3 mm compression that always applies, the latching hinge can easily be adjusted between offset 0 mm, 1.5 mm or 3.0 mm to put more pressure on the gasket and ensure a tight and sealed door.

Door part mounts on a mounting bracket (included) which stabilize the door in the latching hinge area and provide further adjustability.

The latching hinge can be adjusted 3 mm in all three directions. Insert: recessed hexagon 8 mm, with open and close indication for insert position.

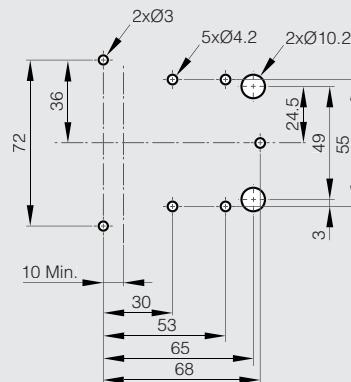
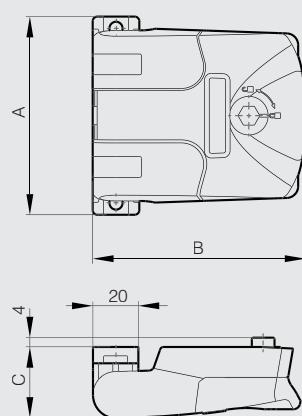
Frame part mounts with screws. Mounting bracket for the door mounts with Ø 4 mm blind rivets.

Note that a normal panel will need four units in order to operate as either left-open, right open, or completely removable.

No problems with thermal break as units are surface-mounted on to door and frame parts, resulting in no parts intruding through the double skinned doors.



Part number	Material	Finish	A	B	C	Note	Weight (g)
NEW 54-7-3549	polyamide	black	85	91	30.5	with built-in safety catch	102
NEW 54-7-3550	polyamide	black	85	91	30.5	without safety catch	96



Hinges with dual function

Latching hinges

Hinge for insulated door

Hinge designed for use on insulated doors in HVAC units.

With door in open position, the smart quick-release function allows for complete door removal and door attachment, without the need for any tool.



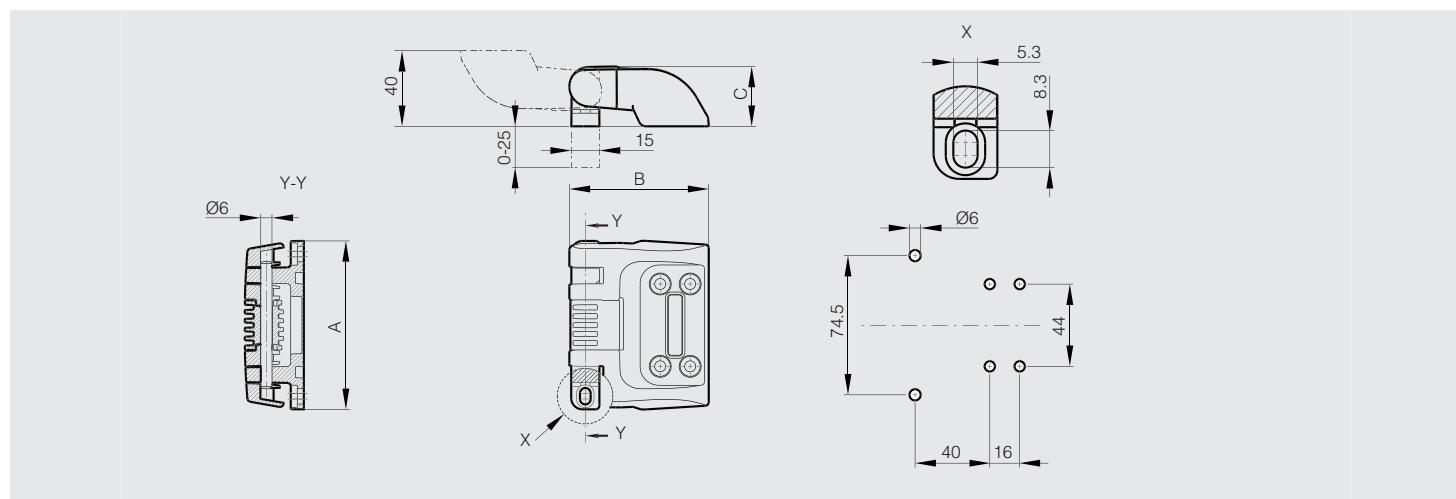
180° POLYMER RoHS



Universal right and left mounting with 180° opening angle. Surface mounted on frame and door with rivets or screws.

Door side in PA6, frame side in black zamak, pin in 303 stainless steel.

Part number	Material	Finish	A	B	C	Weight (g)
NEW 54-7-3545	polyamide and zinc die-cast	black	90	74.5	32	139



Forged hinges - 3 knuckles

Riveted pin.

Other dimensions or variants are available on request.

Raw steel pin for raw steel hinges.

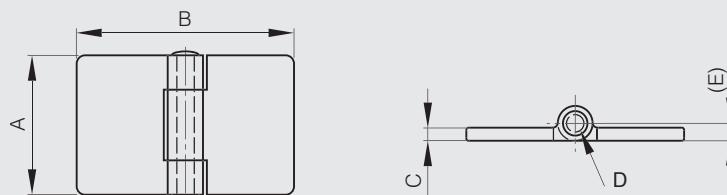
304 stainless steel pin for 304 stainless steel hinges.



270° STAINLESS STEEL STEEL



Part number	Material	Finish	A	B	C	D	E	Note	Weight (g)
72-1-3346	steel	raw	32	32	3	4	4	1 MR (railway code)	33
72-1-3348	steel	raw	32	50	3	4	4	3 MR (railway code)	47
72-1-3349	steel	raw	50	50	3	4	4	4 MR (railway code)	75
72-1-3352	steel	raw	50	50	5	6	6	7 MR (railway code)	122
72-1-3351	steel	raw	50	80	3	4	4	6 MR (railway code)	108
72-1-3354	steel	raw	50	80	5	6	6	9 MR (railway code)	182
72-1-3990	304 stainless steel	raw	50	50	3	4	4	4 MR (railway code)	71
NEW 72-1-4186	304 stainless steel	raw	50	80	3	4	4	6 MR (railway code)	112
72-1-4187	304 stainless steel	raw	50	80	5	6	6	9 MR (railway code)	182



Forged hinges with reversed leaves - 3 knuckles

Riveted pin.

Other dimensions or variants are available on request.

Raw steel pin for raw steel hinges.

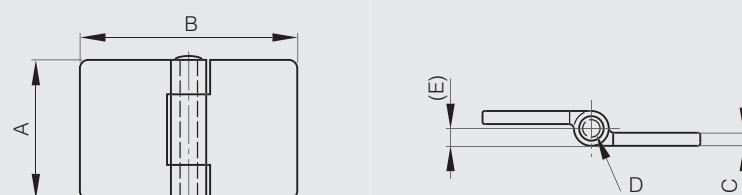
304 stainless steel pin for 304 stainless steel hinges.



270° STAINLESS STEEL STEEL



Part number	Material	Finish	A	B	C	D	E	Note	Weight (g)
72-1-3380	steel	raw	32	50	3	4	4	17 MR (railway code)	33
72-1-3381	steel	raw	50	50	3	4	4	20 MR (railway code)	70
72-1-3384	steel	raw	50	50	5	6	6	23 MR (railway code)	122
NEW 72-1-3383	steel	raw	50	80	3	4	4	22 MR (railway code)	104
72-1-3386	steel	raw	50	80	5	6	6	25 MR (railway code)	182
72-1-3992	304 stainless steel	raw	50	50	3	4	4	20 MR (railway code)	71
72-1-3993	304 stainless steel	raw	50	80	3	4	4	22 MR (railway code)	112





Forged hinges - 5 knuckles

Riveted pin : (except part number: 72-1-4288 with a removable pin).

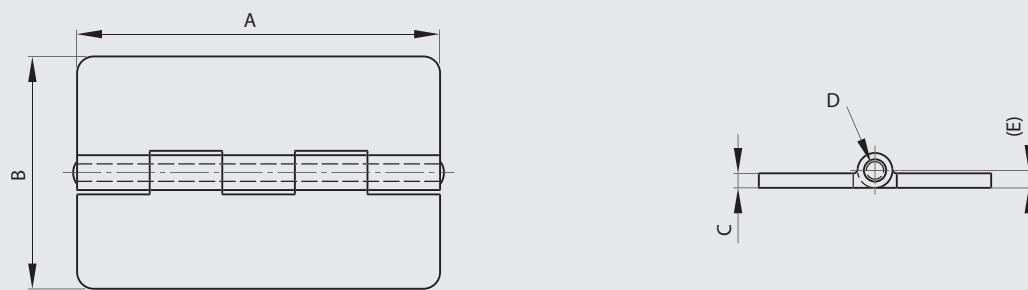
Other dimensions or variants are available on request.

Raw steel pin for raw steel hinges.

304 stainless steel pin for 304 stainless steel hinges.



Part number	Material	Finish	A	B	C	D	E	Note	Weight (g)
NEW 72-1-4289	steel	raw	60	60	6	6	6		283
72-1-3410	steel	raw	80	80	5	6	6	1 FR (railway code)	283
72-1-3414	steel	raw	80	80	8	10	10	14 FR (railway code)	485
72-1-3412	steel	raw	80	130	5	6	6	3 FR (railway code)	436
72-1-3416	steel	raw	80	130	8	10	10	16 FR (railway code)	761
72-1-3413	steel	raw	125	80	5	6	6	11 FR (railway code)	440
72-1-3417	steel	raw	125	130	8	10	10	24 FR (railway code)	1240
NEW 72-1-4290	304 stainless steel	raw	60	60	6	6	6		283
72-1-3991	304 stainless steel	raw	80	80	5	6	6	1 FR (railway code)	283
NEW 72-1-4279	304 stainless steel	raw	80	130	5	6	6	3 FR (railway code)	436
NEW 72-1-4288	304 stainless steel	raw	80	130	5	6	6	Removable pin	436

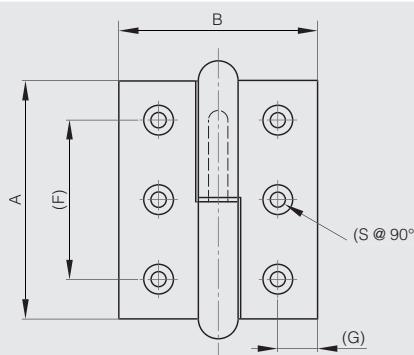


Forged lift-off hinges

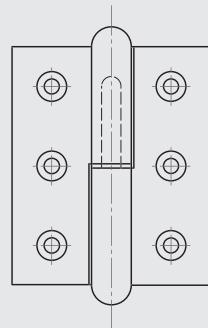
With raw brass washer.



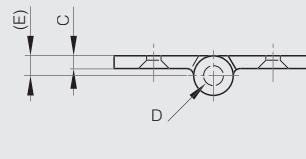
Part number	Material	Finish	A	B	C	D	E	F	G	S	Note	Weight (g)
14-1-3328	steel	raw	48	40	3	4	4	32	8	4	type 1	52
14-1-3329	steel	raw	48	40	3	4	4	32	8	4	type 2	52
14-1-3330	steel	raw	60	50	3.5	5	5	40	10	5.5	type 1	97
14-1-3331	steel	raw	60	50	3.5	5	5	40	10	5.5	type 2	95
14-1-3332	steel	raw	72	60	4	6	6	48	12	6.5	type 1	156
14-1-3333	steel	raw	72	60	4	6	6	48	12	6.5	type 2	156
14-1-3334	steel	raw	84	70	4.5	7	7	56	14	7.5	type 1	245
14-1-3335	steel	raw	84	70	4.5	7	7	56	14	7.5	type 2	245
14-1-3336	steel	raw	96	80	5	8	8	66	16	8.5	type 1	360
14-1-3337	steel	raw	96	80	5	8	8	66	16	8.5	type 2	360



14-1-3328 & 14-1-3330
14-1-3332 & 14-1-3334 & 14-1-3336



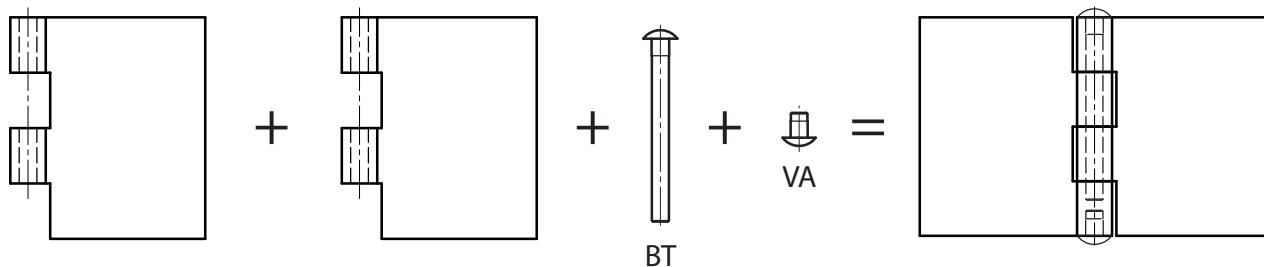
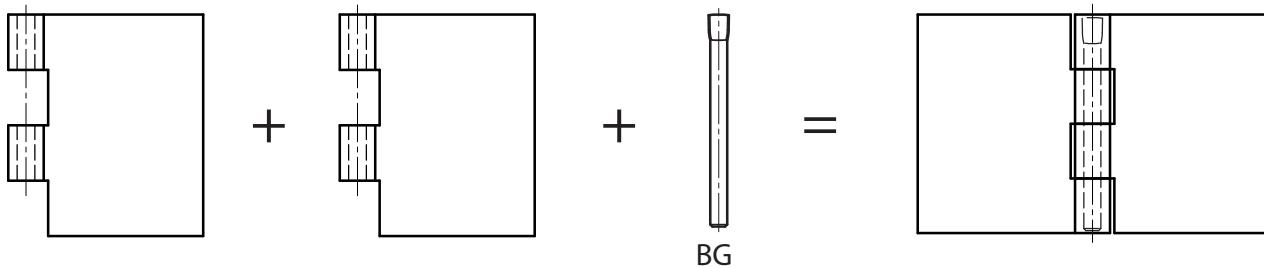
14-1-3329 & 14-1-3331
14-1-3333 & 14-1-3335 & 14-1-3337



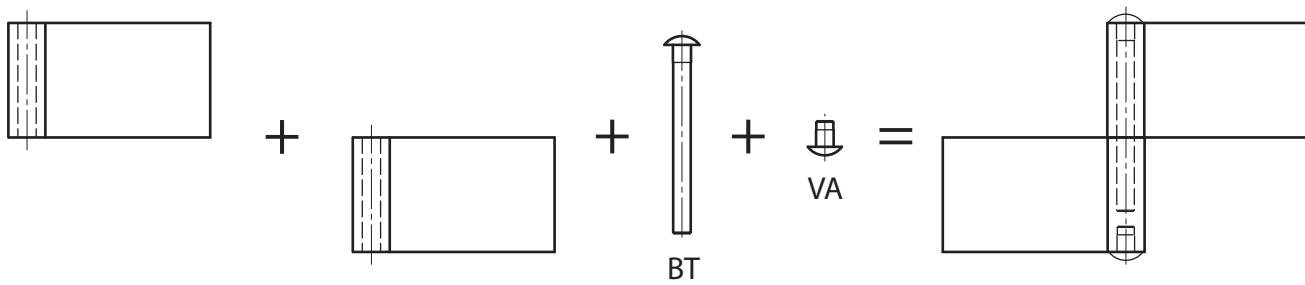
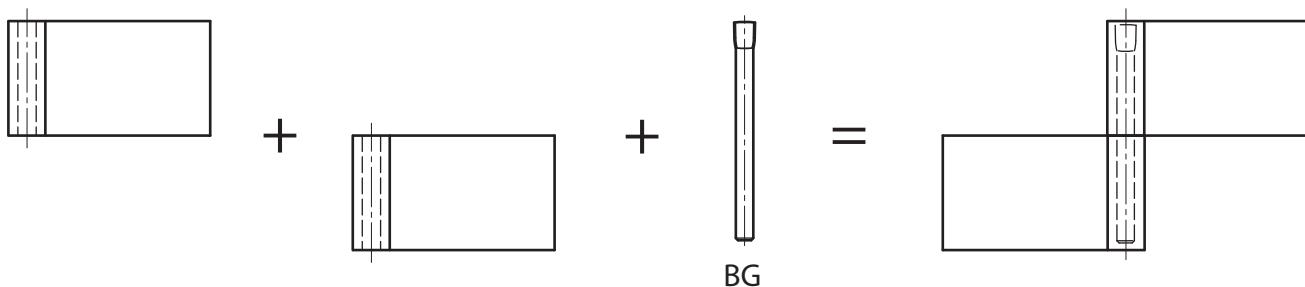


Modulo range: composed of parts to be assembled by customer (or on request)

Pin is made of either an expanded pin (BG) or a headed pin (BT) with a plug (VA).



BG: Expanded pin
BT: Headed pin
VA: Plug



Parts can be delivered assembled, on request (**part number 91-1-0001**).

NOTE:

- Only leaves with the same thickness can be fitted together.
- The expanded pin (BG) can be assembled or disassembled with a hammer.
- The headed pin BT and the plug VA are fitted together with a hammer and make the pin non removable.

Modifications:

This range of hinges has been designed to make modifications easier (cranking, drilling...) for our customers.

However any in-house modification is possible with a MOQ of 250 units for stainless steel material and 500 units for steel material.
Please ask for more information.

Half leaves for Modulo hinges - thickness 3 mm

Leaves can be combined together and with either:

- a 6 mm diameter expanded pin (BG) (part numbers 27-1-3820, 27-1-3823),
- a 6 mm pin in POM (part number 27-1-3938),
- a 6 mm diameter headed pin (BT) (part numbers 27-1-3826, 27-1-3829) with a plug (part numbers 27-1-3832, 27-1-3835).



Part number	Material	Finish	A	B	C	D	Weight (g)
50-1-3991	steel	raw	80	30	3	6	74
50-1-3992	steel	raw	80	40	3	6	92.5
50-1-3993	steel	raw	80	50	3	6	111.4
50-1-3994	steel	raw	80	60	3	6	130.2
50-1-3995	steel	raw	80	80	3	6	168
52-1-3771	304 stainless steel	deburred	80	30	3	6	74
52-1-3772	304 stainless steel	deburred	80	40	3	6	92.5
52-1-3773	304 stainless steel	deburred	80	50	3	6	111.4
52-1-3774	304 stainless steel	deburred	80	60	3	6	130.2
52-1-3775	304 stainless steel	deburred	80	80	3	6	168

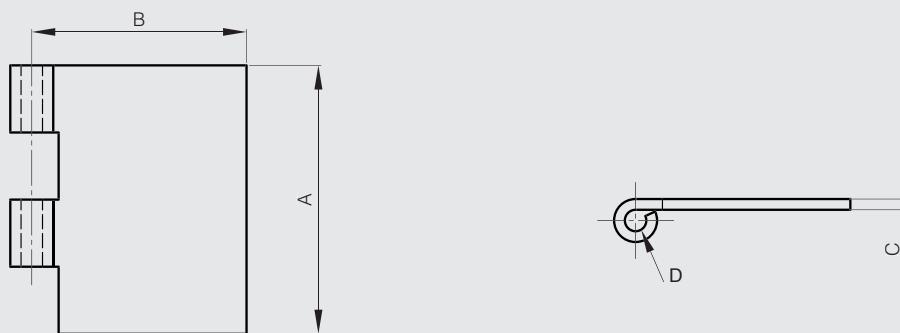
Half leaves for Modulo hinges - thickness 4 mm

Leaves can be combined together and with either:

- a 8 mm diameter expanded pin (BG) (part numbers 27-1-3821, 27-1-3824),
- a 8 mm diameter headed pin (BT) (part numbers 27-1-3827, 27-1-3830) with a plug (part numbers 27-1-3833, 27-1-3836).



Part number	Material	Finish	A	B	C	D	Weight (g)
50-1-3996	steel	raw	100	30	4	8	131
50-1-3997	steel	raw	100	40	4	8	162.5
50-1-3998	steel	raw	100	50	4	8	194
50-1-3999	steel	raw	100	60	4	8	225.3
50-1-4000	steel	raw	100	80	4	8	288
52-1-3776	304 stainless steel	deburred	100	30	4	8	131
52-1-3777	304 stainless steel	deburred	100	40	4	8	162.5
52-1-3778	304 stainless steel	deburred	100	50	4	8	194
52-1-3779	304 stainless steel	deburred	100	60	4	8	225.3
52-1-3780	304 stainless steel	deburred	100	80	4	8	288





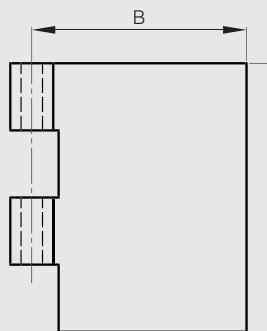
Half leaves for Modulo hinges - thickness 5 mm

Leaves can be combined together and with either:

- a 10 mm diameter expanded pin (BG) (part numbers 27-1-3822, 27-1-3825),
- a 10 mm diameter headed pin (BT) (part numbers 27-1-3828, 27-1-3831) with a plug (part numbers 27-1-3834, 27-1-3837).



Part number	Material	Finish	A	B	C	D	Weight (g)
50-1-4001	steel	raw	120	30	5	10	211
50-1-4002	steel	raw	120	40	5	10	258
50-1-4003	steel	raw	120	50	5	10	305.2
50-1-4004	steel	raw	120	60	5	10	352.3
50-1-4005	steel	raw	120	80	5	10	446.5
52-1-3781	304 stainless steel	deburred	120	30	5	10	211
52-1-3782	304 stainless steel	deburred	120	40	5	10	258
52-1-3783	304 stainless steel	deburred	120	50	5	10	305.2
52-1-3784	304 stainless steel	deburred	120	60	5	10	352.3
52-1-3785	304 stainless steel	deburred	120	80	5	10	446.5



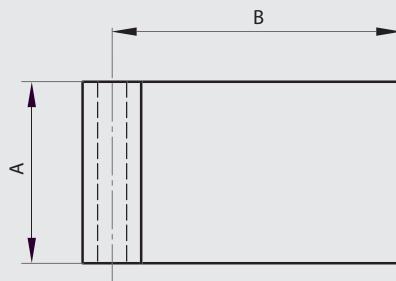
Half leaves for Modulo pin hinges - thickness 3 mm

Leaves can be combined together and with either:

- a 6 mm diameter expanded pin (BG) (part numbers 27-1-3820, 27-1-3823),
- a 6 mm pin in POM (part number 27-1-3938),
- a 6 mm diameter headed pin (BT) (part numbers 27-1-3826, 27-1-3829) with a plug (part numbers 27-1-3832, 27-1-3835).



Part number	Material	Finish	A	B	C	D	Weight (g)
12-1-3866	steel	raw	40	30	3	6	36.9
12-1-3867	steel	raw	40	50	3	6	55.7
12-1-3868	steel	raw	40	80	3	6	84
12-1-3941	steel	raw	40	20	3	6	24.6
12-1-3943	steel	raw	40	120	3	6	126
12-1-3869	304 stainless steel	deburred	40	30	3	6	36.9
12-1-3870	304 stainless steel	deburred	40	50	3	6	55.7
12-1-3871	304 stainless steel	deburred	40	80	3	6	84
12-1-3942	304 stainless steel	deburred	40	20	3	6	24.6
12-1-3944	304 stainless steel	deburred	40	120	3	6	126



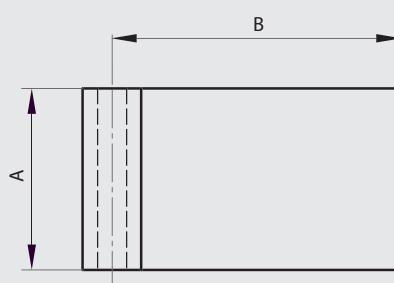
Half leaves for Modulo pin hinges - thickness 4 mm

Leaves can be combined together and with either:

- a 8 mm diameter expanded pin (BG) (part numbers 27-1-3821, 27-1-3824),
- a 8 mm diameter headed pin (BT) (part numbers 27-1-3827, 27-1-3830) with a plug (part numbers 27-1-3833, 27-1-3836).



Part number	Material	Finish	A	B	C	D	Weight (g)
12-1-3872	steel	raw	50	30	4	8	65.6
12-1-3873	steel	raw	50	50	4	8	97
12-1-3874	steel	raw	50	80	4	8	144
12-1-3875	304 stainless steel	deburred	50	30	4	8	65.6
12-1-3876	304 stainless steel	deburred	50	50	4	8	97
12-1-3877	304 stainless steel	deburred	50	80	4	8	144



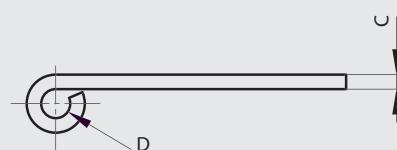
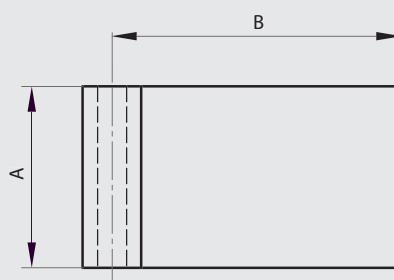
Half leaves for Modulo pin hinges - thickness 5 mm

Leaves can be combined together and with either:

- a 10 mm diameter expanded pin (BG) (part numbers 27-1-3822, 27-1-3825),
- a 10 mm diameter headed pin (BT) (part numbers 27-1-3828, 27-1-3831) with a plug (part numbers 27-1-3834, 27-1-3837).



Part number	Material	Finish	A	B	C	D	Weight (g)
12-1-3878	steel	raw	60	40	5	10	129
12-1-3879	steel	raw	60	60	5	10	176.2
12-1-3880	steel	raw	60	80	5	10	224
12-1-3881	304 stainless steel	deburred	60	40	5	10	129
12-1-3882	304 stainless steel	deburred	60	60	5	10	176.2
12-1-3883	304 stainless steel	deburred	60	80	5	10	224





Heavy duty hinges

Modulo range

Pin in POM for Modulo system

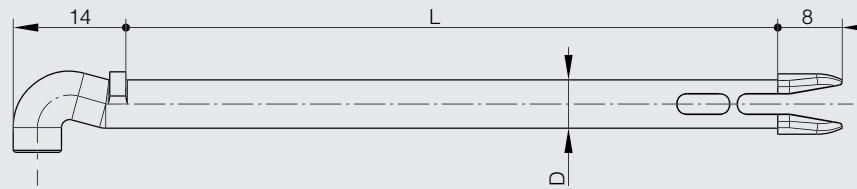
This pin can be combined with Modulo hinges for thickness 3 mm only.

It enables you to make a hinge pin.

Pin can be easily removed without tool.



Part number	Material	Finish	D	L	Weight (g)
27-1-3938	POM	white	6	80	2

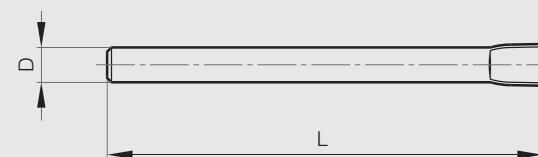


Expanded pin BG for Modulo system

This pin alone enables you to make a hinge pin for Modulo hinges.



Part number	Material	Finish	D	L	Weight (g)
27-1-3820	steel	zinc plated	6	80	17.7
27-1-3821	steel	zinc plated	8	100	39.4
27-1-3822	steel	zinc plated	10	120	74
27-1-3823	304 stainless steel	raw	6	80	17.7
27-1-3824	304 stainless steel	raw	8	100	39.4
27-1-3825	304 stainless steel	raw	10	120	74



BG

Broche Gonflée
Expanded pin
Gestauchter Stift

Headed pin BT for Modulo system

This pin combined with a plug (VA) enables you to make a hinge pin for Modulo hinges.

STAINLESS STEEL STEEL 

Part number	Material	Finish	D	E	L	Weight (g)
27-1-3826	steel	zinc plated	6	3	66	15.5
27-1-3827	steel	zinc plated	8	4	86	35.5
27-1-3828	steel	zinc plated	10	5	106	68.4
27-1-3829	304 stainless steel	raw	6	3	66	15.5
27-1-3830	304 stainless steel	raw	8	4	86	35.5
27-1-3831	304 stainless steel	raw	10	5	106	68.4

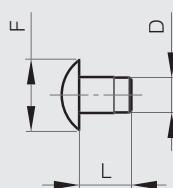


Plug (VA) for Modulo system

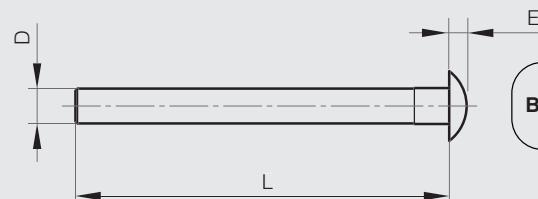
This plug combined with a headed pin (BT) enables you to make a hinge pin for Modulo hinges.

STAINLESS STEEL STEEL 

Part number	Material	Finish	D	F	L	Weight (g)
27-1-3832	steel	zinc plated	6	12	12	3.3
27-1-3833	steel	zinc plated	8	16	12	6.3
27-1-3834	steel	zinc plated	10	20	12	10.5
27-1-3835	304 stainless steel	raw	6	12	12	3.3
27-1-3836	304 stainless steel	raw	8	16	12	6.3
27-1-3837	304 stainless steel	raw	10	20	12	10.5



VA VAsse
Plug
Stopfen



BT Broche à Tête
Headed pin
Stift mit Kopf

Heavy duty hinges

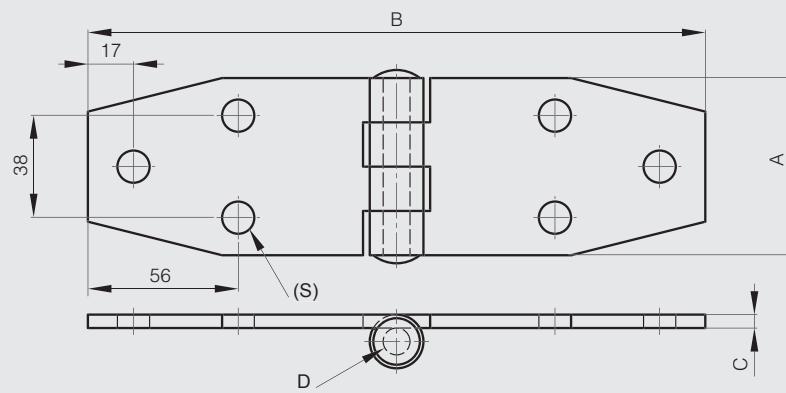
Heavy duty hinges with rolled knuckles

Heavy duty hinge - 66 x 230 mm

Stainless steel riveted pin.



Part number	Material	Finish	A	B	C	D	S	Weight (g)
50-1-4060	steel	zinc plated	66	230	5	10	12	622

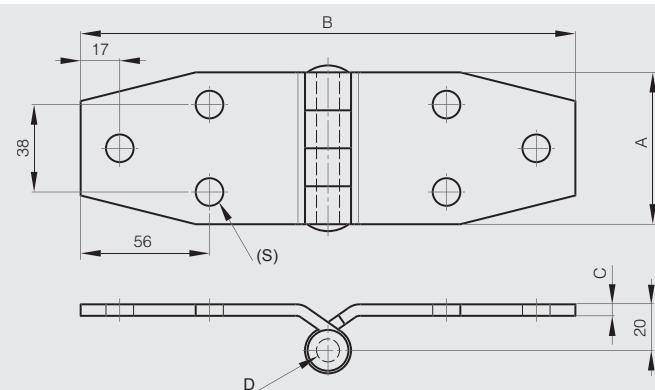


Heavy duty hinge - 66 x 215 mm

Stainless steel riveted pin.



Part number	Material	Finish	A	B	C	D	S	Weight (g)
50-1-4061	steel	zinc plated	66	215	5	10	12	622





Heavy duty hinges

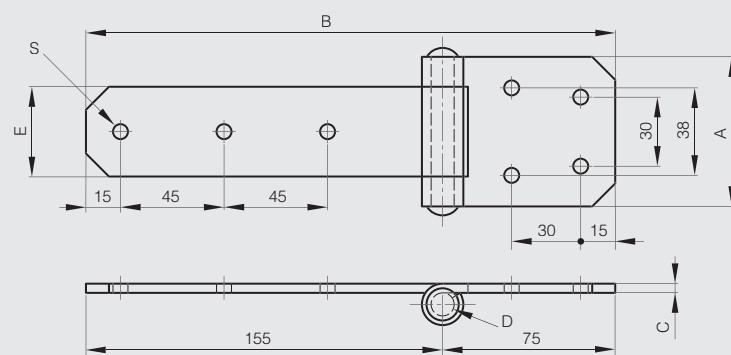
Heavy duty hinges with rolled knuckles

Heavy duty hinges - 65 x 230 mm

Riveted pin.



Part number	Material	Finish	A	B	C	D	E	S	Note	Weight (g)
52-1-3553	304 stainless steel	brightened	65	230	4	10	39	6.5	drilled	430
52-1-3593	304 stainless steel	brightened	65	230	4	10	39		undrilled	450

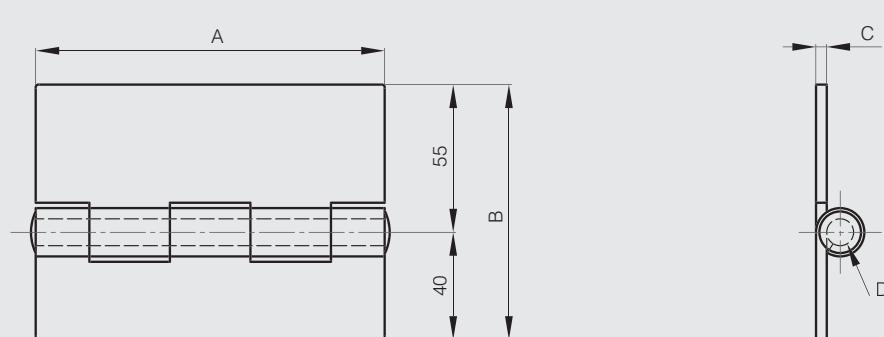


Heavy duty hinge - 130 x 95 mm

Stainless steel riveted pin.



Part number	Material	Finish	A	B	C	D	Weight (g)
50-1-3944	steel	raw	130	95	4	10	580



Heavy duty hinges

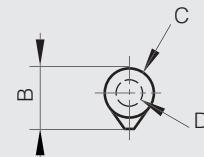
Weld-on hinges and others

Round top weld-on steel hinges - brass washer

Fixed pin and washer.



Part number	Material	Finish	A	B	C	D	Pin material	Weight (g)
14-7-3585	steel	raw	40	10	8	5	steel	16
14-7-3573	steel	raw	60	12	10	6	steel	36
14-7-3574	steel	raw	80	16	13	8	steel	84
14-7-3575	steel	raw	100	20	16	10	steel	160
14-7-3586	steel	raw	120	20	16	11	steel	195
14-7-3587	steel	raw	135	22.5	18	12	steel	270
14-7-3576	steel	raw	150	25.5	20	13	steel	390
14-7-3794	steel	raw	180	25.5	20	13	steel	465
14-7-3588	steel	raw	200	29	23	16	steel	660
14-7-3589	steel	raw	40	10	8	5	brass	16
14-7-3590	steel	raw	60	12	10	6	brass	36
14-7-3591	steel	raw	80	16	13	8	brass	84
14-7-3592	steel	raw	100	20	16	10	brass	160
14-7-3593	steel	raw	120	20	16	11	brass	195
14-7-3594	steel	raw	135	22.5	18	12	brass	270
14-7-3595	steel	raw	150	25.5	20	13	brass	390
14-7-3596	steel	raw	200	29	23	16	brass	660

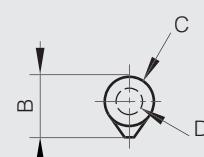


Round top weld-on steel hinges - steel pin - ball bearing

Fixed pin.



Part number	Material	Finish	A	B	C	D	Weight (g)
14-7-3610	steel	raw	141	22.5	18	12	272
14-7-3611	steel	raw	155.5	25.5	20	13	392
14-7-3612	steel	raw	206	29	23	16	662



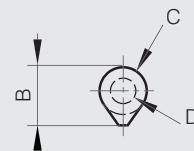


Flat top weld-on steel hinges - steel pin - ball bearing

Fixed pin.



Part number	Material	Finish	A	B	C	D	Weight (g)
14-7-3613	steel	raw	84	16	13	7	92
14-7-3614	steel	raw	104	20	16	9	117

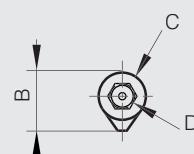
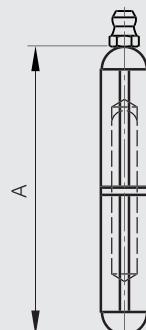


Round top weld-on steel hinges - steel pin - brass washer - with grease nipple

Fixed pin and washer.



Part number	Material	Finish	A	B	C	D	Weight (g)
14-7-3796	steel	raw	60	12	10	6	36
14-7-3786	steel	raw	80	16	13	8	84
14-7-3787	steel	raw	100	20	16	10	160
14-7-3788	steel	raw	120	20	16	11	195
14-7-3793	steel	raw	135	22.5	18	12	270
14-7-3789	steel	raw	150	25.5	20	13	390
14-7-3790	steel	raw	180	25.5	20	13	465
14-7-3791	steel	raw	200	29	23	16	660





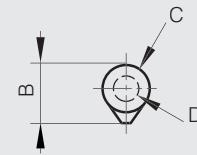
Heavy duty hinges

Weld-on hinges and others

Round top weld-on aluminium hinges - stainless steel pin - stainless steel washer



Part number	Material	Finish	A	B	C	D	Weight (g)
14-7-3815	aluminium	raw	60	12	10	6	20
14-7-3816	aluminium	raw	80	16	13	8	40
14-7-3817	aluminium	raw	100	20	16	10	75
14-7-3818	aluminium	raw	120	20	16	11	93

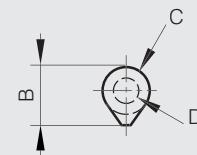


Flat top weld-on steel hinges - brass washer

Fixed pin and washer.



Part number	Material	Finish	A	B	C	D	Pin material	Weight (g)
14-7-3583	steel	raw	45	10	8	5	steel	20
14-7-3569	steel	raw	60	12	10	6	steel	40
14-7-3570	steel	raw	80	16	13	7	steel	90
14-7-3571	steel	raw	100	20	16	9	steel	115
14-7-3603	steel	raw	120	20	16	9	steel	135
14-7-3572	steel	raw	140	25.5	20	11	steel	370
14-7-3584	steel	raw	200	29	23	16	steel	600
14-7-3597	steel	raw	45	10	8	5	brass	20
14-7-3598	steel	raw	60	12	10	6	brass	40
14-7-3599	steel	raw	80	16	13	7	brass	90
14-7-3600	steel	raw	100	20	16	9	brass	115
14-7-3604	steel	raw	120	20	16	9	brass	135
14-7-3601	steel	raw	140	25.5	20	11	brass	370





Heavy duty hinges

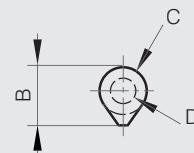
Weld-on hinges and others

Flat top weld-on stainless steel hinges - stainless steel pin - brass washer

Fixed pin and washer.



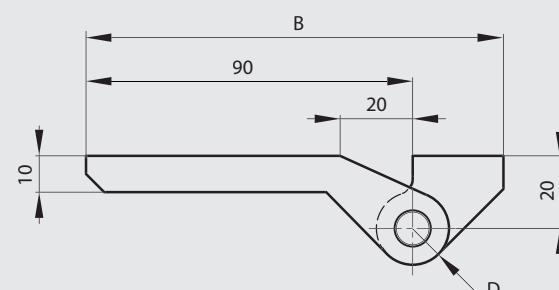
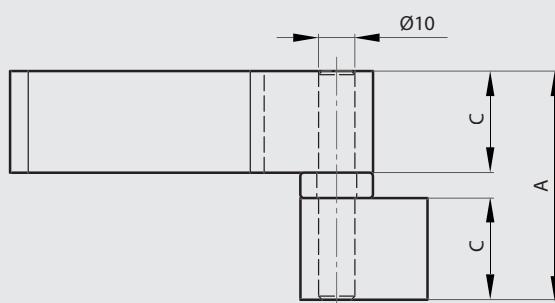
Part number	Material	Finish	A	B	C	D	Weight (g)
14-7-3693	304 stainless steel	raw	60	12	10	6	40
14-7-3696	304 stainless steel	raw	80	16	13	7	90
14-7-3697	304 stainless steel	raw	100	20	16	9	115
14-7-3698	304 stainless steel	raw	120	20	16	9	135



Swivel pin with ball bearing



Part number	Material	Finish	A	B	C	D	Weight (g)
14-1-3883	steel	raw	63	115	28	10	482





Heavy duty hinges

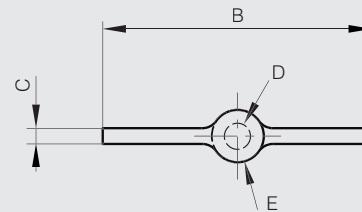
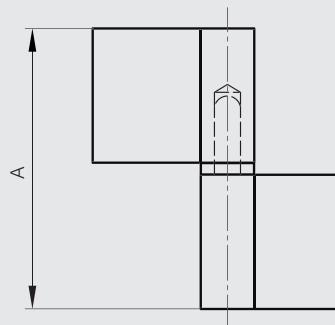
Weld-on hinges and others

Flag hinges A - steel pin - brass washer

Fixed pin.



Part number	Material	Finish	A	B	C	D	E	Weight (g)
14-7-3634	steel	raw	63	80	4.2	8	15.5	150
14-7-3635	steel	raw	83.5	80	5.1	8	16	250
14-7-3636	steel	raw	104	92	5.5	9	17	390
14-7-3637	steel	raw	124	108	6.5	10	19	600
14-7-3638	steel	raw	144	108	6.5	10	19	720

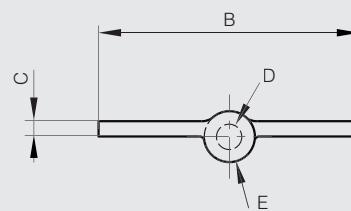
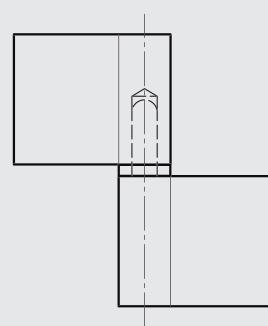
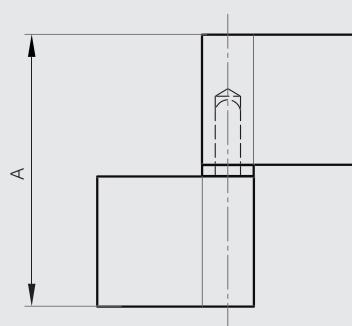


Flag hinges B - steel pin - brass washer

Fixed pin.



Part number	Material	Finish	A	B	C	D	E	Note	Weight (g)
14-7-3641	steel	raw	83.5	80	5.1	8	16	type 1	250
14-7-3642	steel	raw	83.5	80	5.1	8	16	type 2	250
14-7-3643	steel	raw	104	92	5.5	9	17	type 1	390
14-7-3644	steel	raw	104	92	5.5	9	17	type 2	390



14-7-3641 & 14-7-3643

14-7-3642 & 14-7-3644



Heavy duty hinges

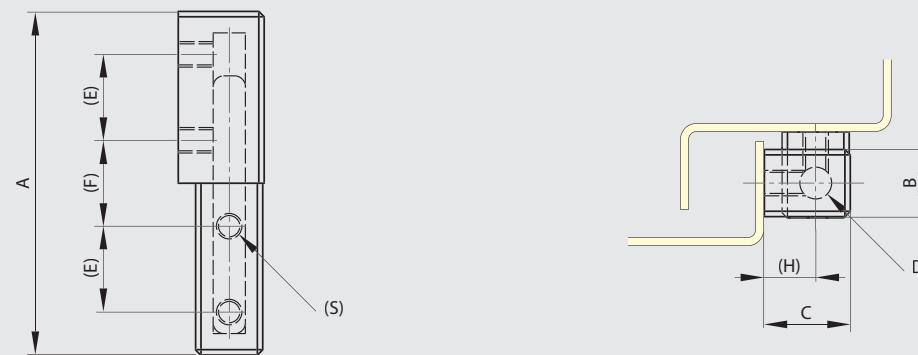
Weld-on hinges and others

Heavy duty pin hinges

With chamfered edges.



Part number	Material	Finish	A	B	C	D	E	F	H	S	Weight (g)
12-7-3810	303 stainless steel	brushed	64	13	16	6	16	16	9.5	M5x6	90
12-7-3811	303 stainless steel	brushed	76	13	19	6	19	18	13	M6x7.5	130



Carbon Kevlar hinges

Carbon Kevlar hinges

Carbon Kevlar hinges - 36 mm width

Hinge is constructed of rigid leaves and a flex unit.

The rigid leaves are woven carbon fibre in an epoxy matrix.

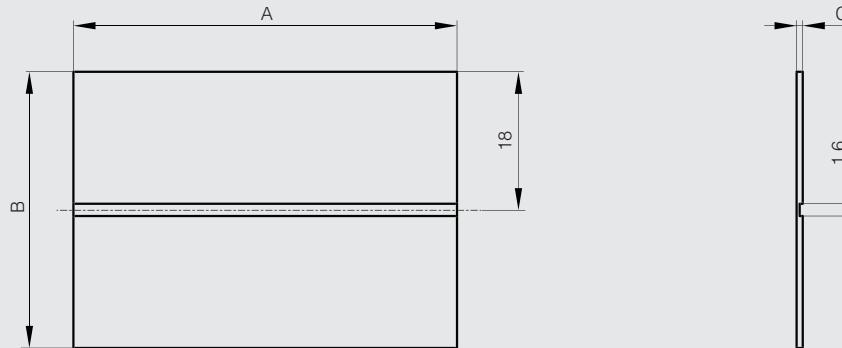
The Kevlar flex units are impregnated with a flexible urethane.

Design for bonding.

No metallic component. Ultra light, ultra thin.



Part number	Material	Finish	A	B	C	Weight (g)
NEW 54-7-3600	carbon / Kevlar	black	50	36	0.8	2
NEW 54-7-3601	carbon / Kevlar	black	100	36	0.8	3



Carbon Kevlar hinges - 50 mm width

Hinge is constructed of rigid leaves and a flex unit.

The rigid leaves are woven carbon fibre in an epoxy matrix.

The Kevlar flex units are impregnated with a flexible urethane.

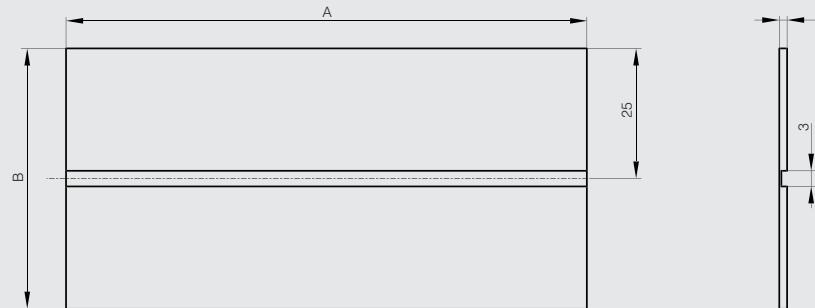
Design for bond or screws assembly.

Part number 54-7-3602 tested to over one million cycles through an 80° arc.

No metallic component. Ultra light, ultra thin.



Part number	Material	Finish	A	B	C	Weight (g)
NEW 54-7-3602	carbon / Kevlar	black	50	50	1.5	4
NEW 54-7-3603	carbon / Kevlar	black	100	50	1.5	9
NEW 54-7-3604	carbon / Kevlar	black	600	50	1.5	51





Carbon Kevlar hinges

Carbon Kevlar hinges

Carbon Kevlar hinges with glass fiber - 50 mm width

Hinge is constructed of rigid leaves and a flex unit.

The rigid leaves are a glass fibre carbon hybrid.

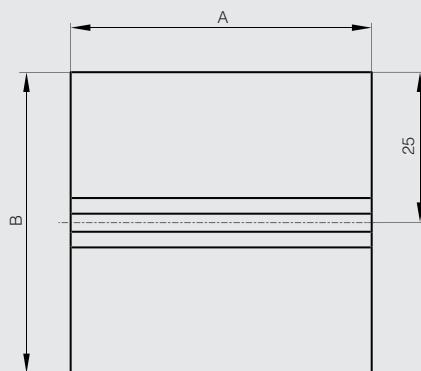
The Kevlar flex units are impregnated with a flexible urethane.

Design for bond or screws assembly.

No metallic component. Ultra light, ultra thin.



Part number	Material	Finish	A	B	C	Weight (g)
NEW 54-7-3605	carbon / glass fibre / Kevlar	black	50	50	2.5	8
NEW 54-7-3606	carbon / glass fibre / Kevlar	black	100	50	2.5	16



Polymer hinges

Polymer hinges with pin

Square design hinges with countersunk holes

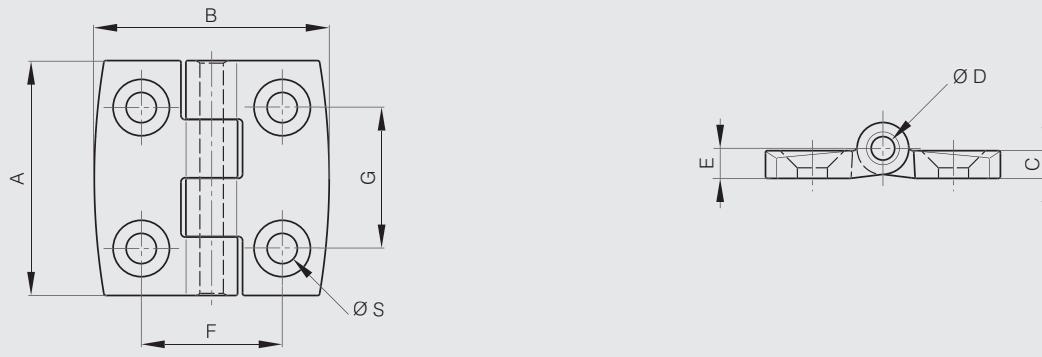
Hinges are made of 30% GF polyamide, pins are in 304 stainless steel.

UL 94 V-0 classification: please contact us.

White color: please contact us.



Part number	Material	Finish	A	B	C	D	E	F	G	S	Weight (g)
54-1-3513	polyamide	black	30	30	3	3	3.5	18	18	3.2	6
54-1-3514	polyamide	black	40	40	5.2	4	5.7	25	25	5.3	12
54-1-3516	polyamide	black	50	50	5.9	5	6.4	30	30	6.4	22
54-1-3518	polyamide	black	60	60	6.5	6	7	36	36	6.4	32



Square design hinges with studs

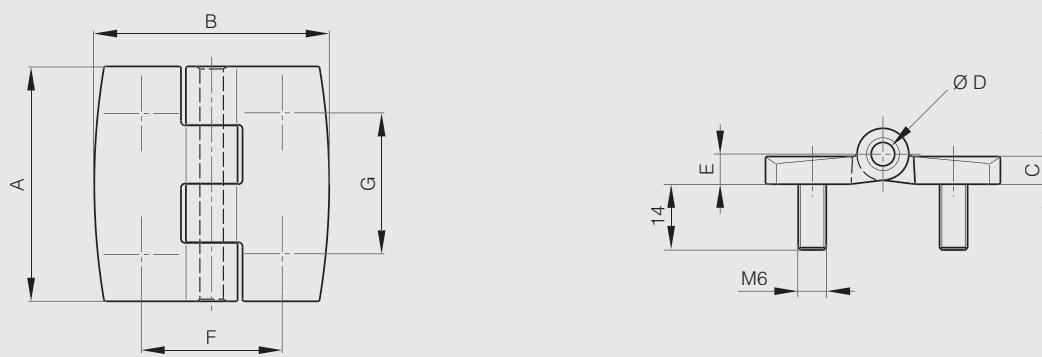
Hinges are made of 30% GF polyamide, pins are in 304 stainless steel.

UL 94 V-0 classification: please ask us.

White color: please ask us.



Part number	Material	Finish	A	B	C	D	E	F	G	Weight (g)
54-1-3519	polyamide	black	60	60	6.5	6	7	36	36	54



Polymer hinges with pin

Symmetrical design hinges

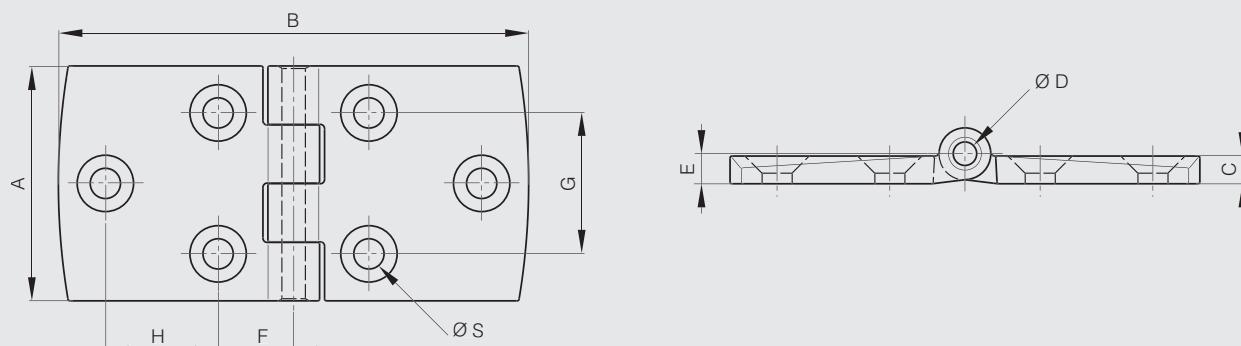
Hinges are made of 30% GF polyamide, pins are in 304 stainless steel.

UL 94 V-0 classification: please contact us.

White color: please contact us.



Part number	Material	Finish	A	B	C	D	E	F	G	H	S	Weight (g)
54-1-3520	polyamide	black	40	80	5.2	4	5.7	13.5	25	19	5.3	20
54-1-3522	polyamide	black	40	120	5.2	4	5.7	14.5	25	38	5.3	25
54-1-3540	polyamide	black	50	100	5.9	5	6.4	16	30	24	6.4	34
54-1-3524	polyamide	black	60	120	6.5	6	7	18	36	30	6.4	34



Asymmetrical design hinges

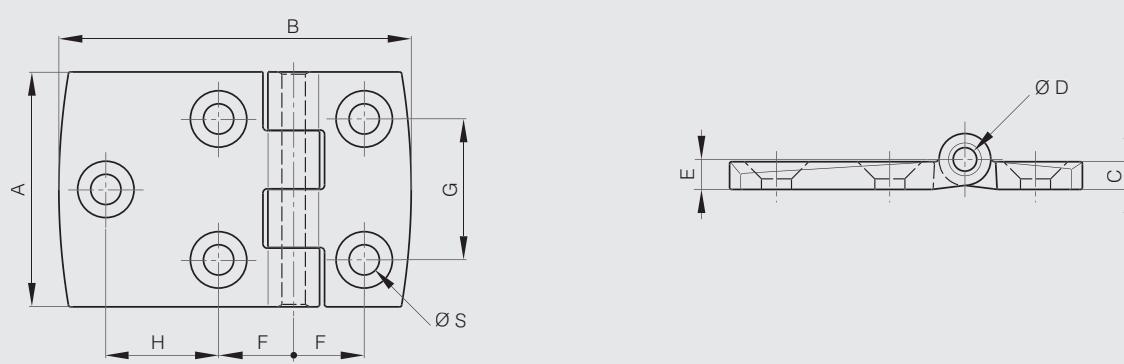
Hinges are made of 30% GF polyamide, pins are in 304 stainless steel.

UL 94 V-0 classification: please contact us.

White color: please contact us.



Part number	Material	Finish	A	B	C	D	E	F	G	H	S	Weight (g)
54-1-3528	polyamide	black	40	60	5.2	4	5.7	13	25	19	5.3	16
54-1-3536	polyamide	black	40	80	5.2	4	5.7	13.5	25	38	5.3	18
54-1-3538	polyamide	black	50	75	5.9	5	6.4	15.5	30	24	6.4	28
54-1-3532	polyamide	black	60	90	6.5	6	7	18	36	30	6.4	40



Polymer hinges

Polymer hinges with pin

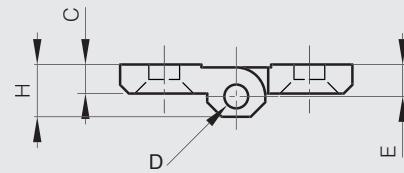
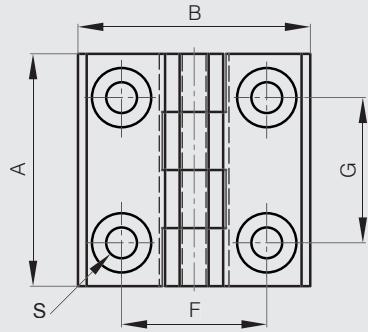
Polyamide hinges with countersunk holes

Hinges are made of 30% GF polyamide, pins are in 304 stainless steel.

A full product data sheet is available on our website.



Part number	Material	Finish	A	B	C	D	E	F	G	H	S	Weight (g)
54-1-3029	polyamide	black	40	40	5	4	5.5	25	25	9	5.3	13.5
54-1-3030	polyamide	black	50	50	6	6	6.5	30	30	11.5	6.4	28.5



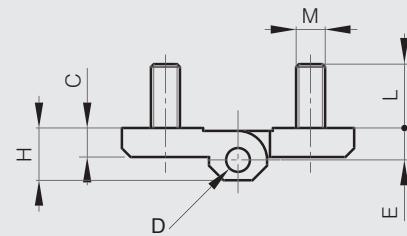
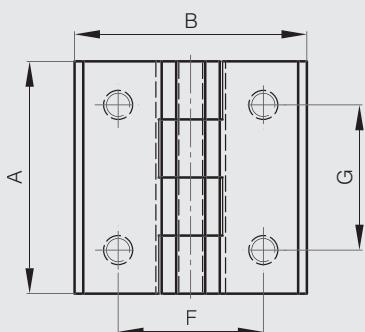
Polyamide hinges with studs

Hinges are made of 30% GF polyamide, pins are in 304 stainless steel.

A full product data sheet is available on our website.



Part number	Material	Finish	A	B	C	D	E	F	G	H	L	M	Weight (g)
54-1-3031	polyamide	black	40	40	5	4	5.5	25	25	9	11	M5	56
54-1-3032	polyamide	black	50	50	6	6	6.5	30	30	11.5	15	M6	76



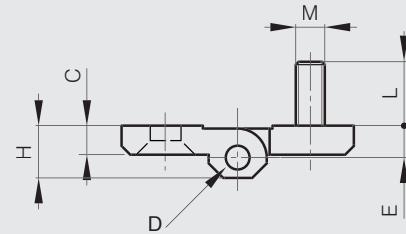
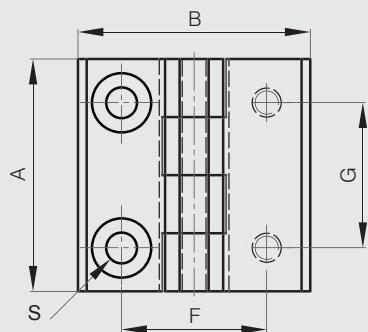
Polymer hinges with pin

Polyamide hinges combined studs and holes

Hinges are made of 30% GF polyamide, pins are in 304 stainless steel.
A full product data sheet is available on our website.



Part number	Material	Finish	A	B	C	D	E	F	G	H	L	M	S	Weight (g)
54-1-3033	polyamide	black	40	40	5	4	5.5	25	25	9	11	M5	5.3	50
54-1-3034	polyamide	black	50	50	6	6	6.5	30	30	11.5	15	M6	6.4	50

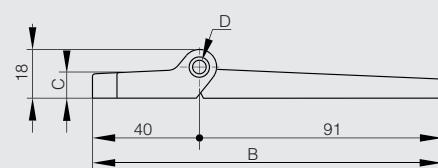
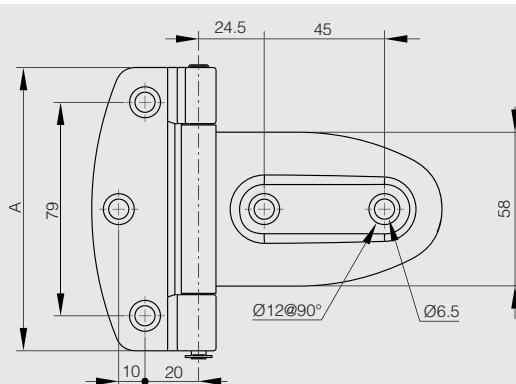


Heavy duty plastic hinge - 180° opening

Nickel plated steel pin. Max. 180° opening.



Part number	Material	Finish	A	B	C	D	Weight (g)
54-1-9000	polyamide	black	108	131	9.5	6	98



Polymer hinges

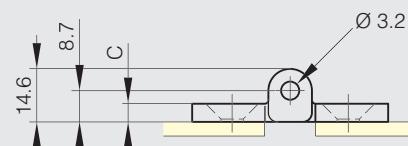
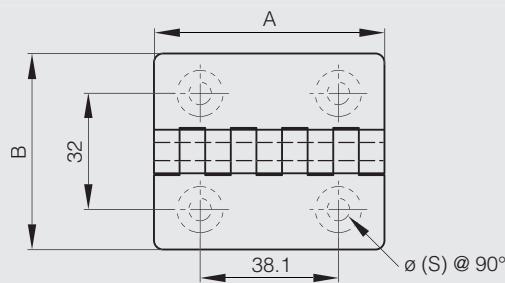
Polymer hinges with pin

Plastic hinges 63.5 mm long

Same material for pin and leaves.



Part number	Material	Finish	A	B	C	S	Note	Weight (g)
54-7-3018	polypropylene	white	63.5	54	5		undrilled	20
54-7-3019	polypropylene	black	63.5	54	5		undrilled	20
54-7-3022	polycarbonate	transparent	63.5	54	5		undrilled	20
54-7-3028	Polyethylene	natural	63.5	54	5	6.2	drilled	20

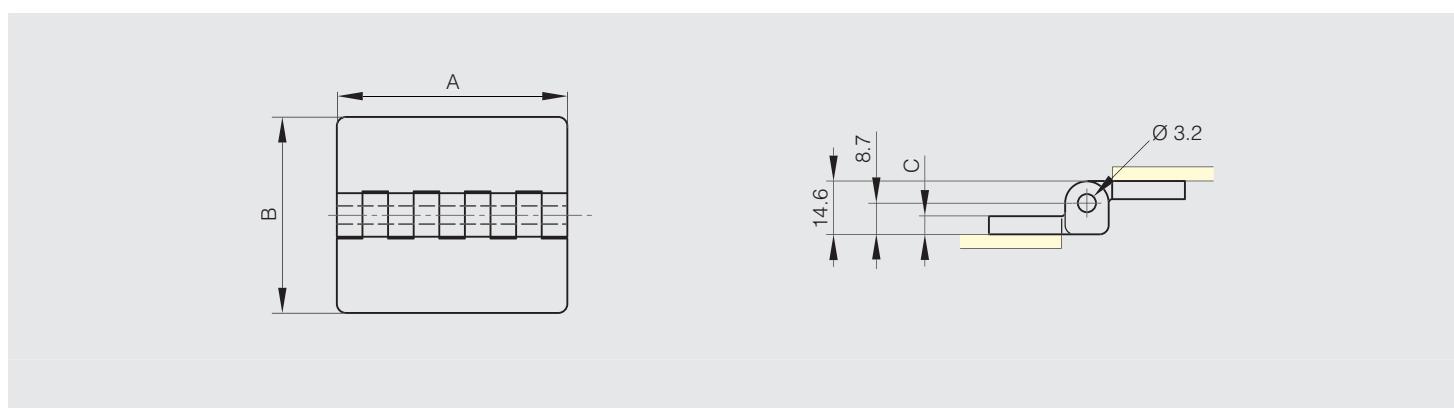
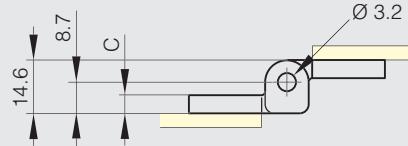
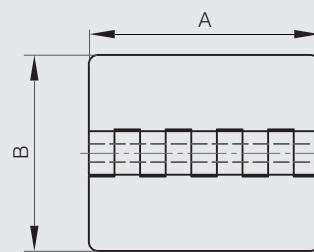


Plastic hinges 63.5 mm long with reversed leaves

Same material for pin and leaves.



Part number	Material	Finish	A	B	C	Weight (g)
54-7-3023	polypropylene	white	63.5	54	5	20
54-7-3024	polypropylene	black	63.5	54	5	20
54-7-3027	polycarbonate	transparent	63.5	54	5	20

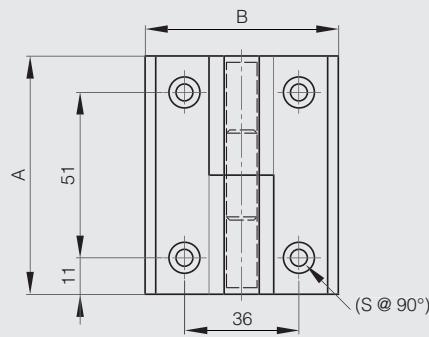


Lift-off hinges in plastic

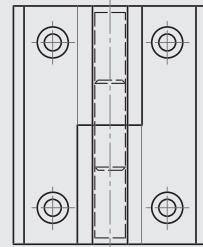
Hinges are made of 15% GF polyamide, pins are in 303 stainless steel.



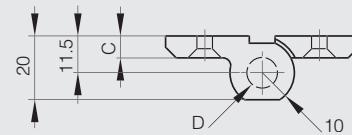
Part number	Material	Finish	A	B	C	D	S	Note	Weight (g)
14-7-3722	polyamide	black	74	60	7	9.5	5	type 1	53
14-7-3723	polyamide	black	74	60	7	9.5	5	type 2	53



14-7-3722



14-7-3723



Polymer hinges without pin

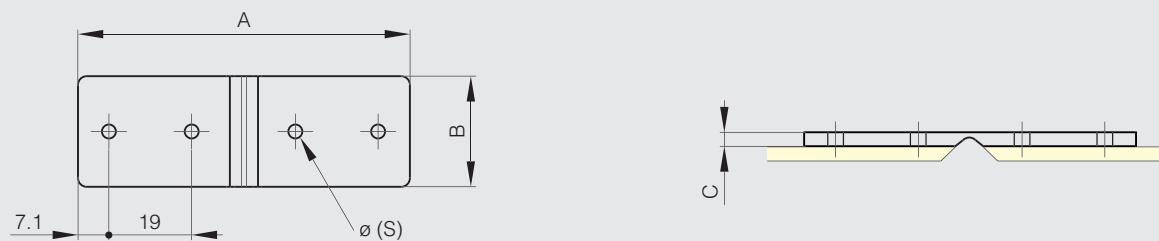
Plastic hinges 25.4 mm long

Technical features:

- Temperature: -40°C up to +80°C.
- Can be fixed with: rivets, screws, nails or clamps.
- Chemical resistance: oil, solvents, sea water and most chemical agents.
- Tensile resistance: 180 N/cm.
- Material offers excellent fatigue resistance.



Part number	Material	Finish	A	B	C	S	Weight (g)
54-7-3000	polypropylene	white	25.4	76.2	3.2	3.2	5
54-7-3002	polypropylene	black	25.4	76.2	3.2	3.2	5



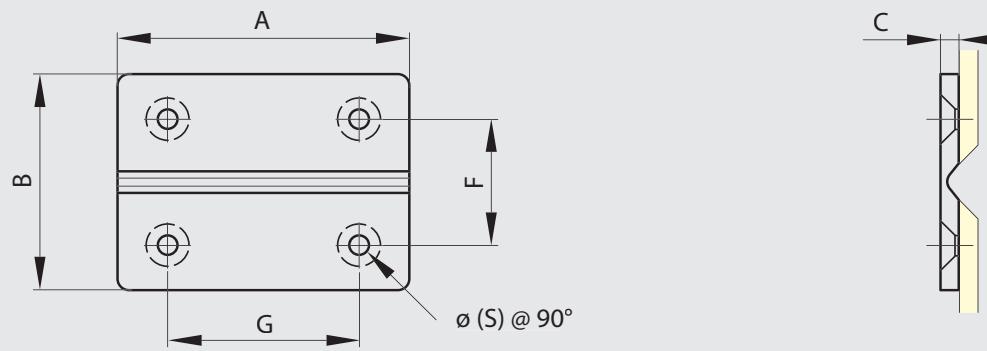
Plastic hinges 38.1 mm and 50.8 mm long

Technical features:

- Temperature: -40°C up to +80°C.
- Can be fixed with: rivets, screws, nails or clamps.
- Chemical resistance: oil, solvents, sea water and most chemical agents.
- Tensile resistance: 180 N/cm.
- Material offers excellent fatigue resistance.



Part number	Material	Finish	A	B	C	F	G	S	Weight (g)
54-7-3006	polypropylene	white	38.1	25.4	2	15.9	28.6	3.43	5
54-7-3008	polypropylene	black	38.1	25.4	2	15.9	28.6	3.43	5
54-7-3003	polypropylene	white	50.8	38.1	3.17	22.2	33.3	3.43	5
54-7-3005	polypropylene	black	50.8	38.1	3.17	22.2	33.3	3.43	5



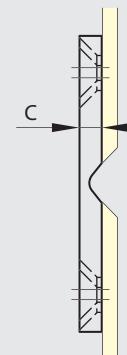
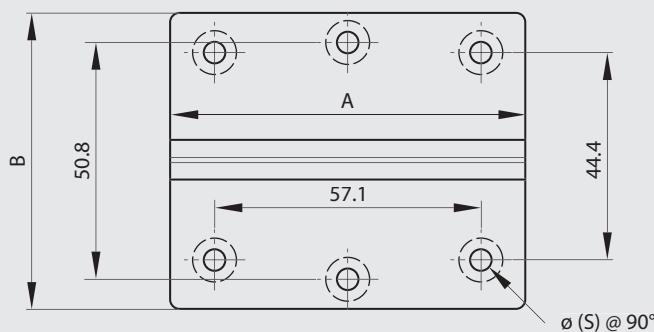
Plastic hinges 76.2 mm long

Technical features:

- Temperature: -40°C up to +80°C.
- Can be fixed with: rivets, screws, nails or clamps.
- Chemical resistance: oil, solvents, sea water and most chemical agents.
- Tensile resistance: 180 N/cm.
- Material offers excellent fatigue resistance.



Part number	Material	Finish	A	B	C	S	Weight (g)
54-7-3009	polypropylene	white	76.2	63.5	4.76	4.62	16
54-7-3011	polypropylene	black	76.2	63.5	4.76	4.62	16



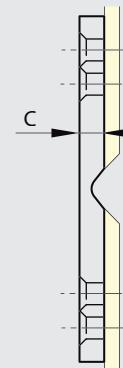
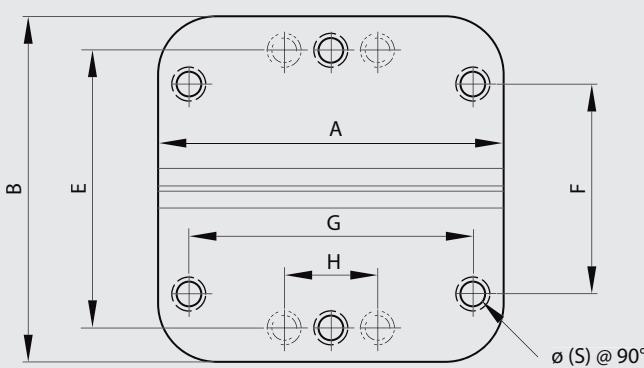
Plastic hinges 88.9 mm and 101.6 mm long

Technical features:

- Temperature: -40°C up to +80°C.
- Can be fixed with: rivets, screws, nails or clamps
- Chemical resistance: oil, solvents, sea water and most chemical agents.
- Tensile resistance: 180 N/cm.
- Material offers excellent fatigue resistance.



Part number	Material	Finish	A	B	C	E	F	G	H	S	Weight (g)
54-7-3012	polypropylene	white	88.9	88.9	6.35	71.4	54	73		6	35
54-7-3014	polypropylene	black	88.9	88.9	6.35	71.4	54	73		6	35
54-7-3015	polypropylene	white	101.6	101.6	6.35	79.4	54	83.4	27.8	8	50
54-7-3017	polypropylene	black	101.6	101.6	6.35	79.4	54	83.4	27.8	8	50





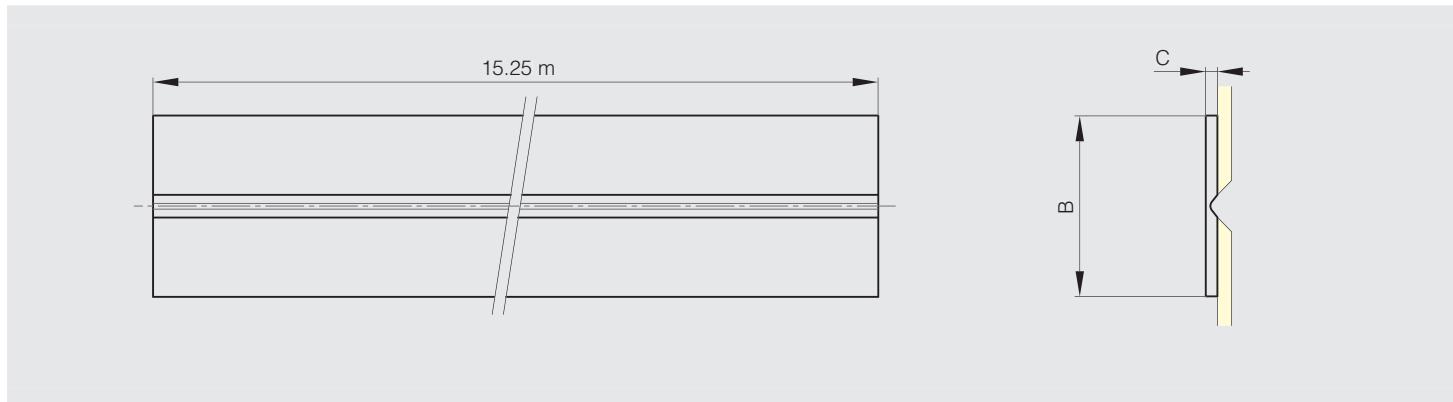
Polymer continuous hinges in 15.25 meter rolls

Technical features:

- Temperature: -40°C up to +80°C.
- Can be fixed with: rivets, screws, nails or clamps.
- Chemical resistance: oil, solvents, sea water and most chemical agents.
- Tensile resistance: 180 N/cm.
- Material offers excellent fatigue resistance.



Part number	Material	Finish	B	C	Weight (g)
44-7-3000	polypropylene	white	28.6	3.2	1050
44-7-3001	polypropylene	grey	28.6	3.2	1050
44-7-3002	polypropylene	black	28.6	3.2	1050
44-7-3003	polypropylene	white	38.1	3.2	1450
44-7-3004	polypropylene	grey	38.1	3.2	1450
44-7-3005	polypropylene	black	38.1	3.2	1450
44-7-3006	polypropylene	white	50.8	3.2	2300
44-7-3007	polypropylene	grey	50.8	3.2	2300
44-7-3008	polypropylene	black	50.8	3.2	2300
44-7-3009	polypropylene	white	76.2	3.2	2900
44-7-3010	polypropylene	grey	76.2	3.2	2900
44-7-3011	polypropylene	black	76.2	3.2	2900



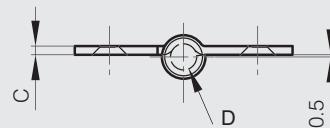
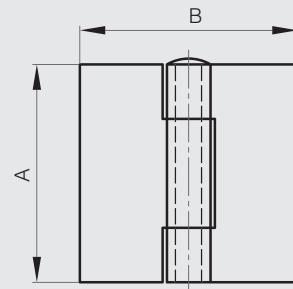
Square hinges

Square hinges with two offset leaves and removable pin - no holes

Removable pin.



Part number	Material	Finish	A	B	C	D	Weight (g)
50-7-3347	steel	raw	40	40	2	4	36
50-7-3348	steel	raw	50	50	2	6	64
50-7-3349	steel	raw	60	60	2	6	84
50-7-3350	steel	raw	70	70	2	6	112

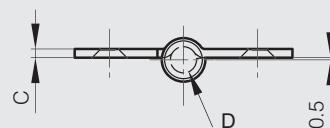
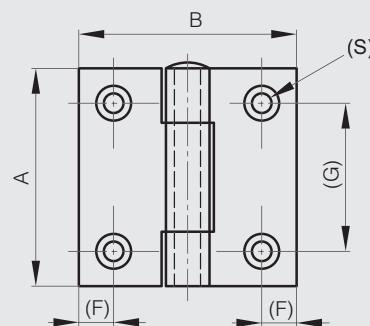


Square hinges with two offset leaves and removable pin - with 4 holes

Removable pin.



Part number	Material	Finish	A	B	C	D	F	G	S	Weight (g)
50-7-3580	steel	zinc plated	40	40	2	4	7	24	4.3	34
50-7-3581	steel	zinc plated	50	50	2	6	8	34	5	61
50-7-3582	steel	zinc plated	60	60	2	6	8	40	4.5	82
52-1-3608	304 stainless steel	raw	40	40	2	4	8	24	4	34
52-1-3610	304 stainless steel	raw	50	50	2	6	8	34	4.5	61
52-1-3612	304 stainless steel	raw	60	60	2	6	8	40	4.5	82



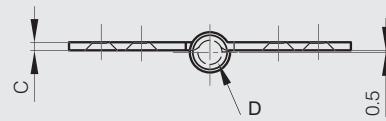
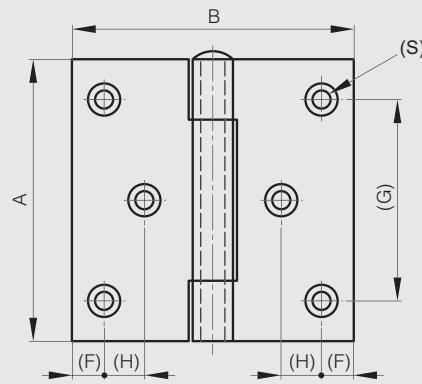
Square hinges

Square hinges with two offset leaves and removable pin - with 6 holes

Removable pin.



Part number	Material	Finish	A	B	C	D	F	G	H	S	Weight (g)
50-7-3583	steel	zinc plated	70	70	2	6	8	50	10	4	156
50-7-3584	steel	zinc plated	80	80	2.5	6	8	60	12.5	4	164
52-1-3614	304 stainless steel	raw	70	70	2	6	8	50	10	4.5	156
52-1-3616	304 stainless steel	raw	80	80	2.5	6	8	60	12.5	4.5	164

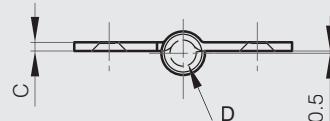
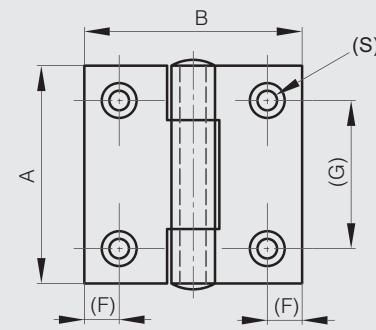


Square hinges with two offset leaves and riveted pin - with 4 holes

Riveted pin.



Part number	Material	Finish	A	B	C	D	F	G	S	Weight (g)
52-1-3609	304 stainless steel	raw	40	40	2	4	8	24	4	34
52-1-3611	304 stainless steel	raw	50	50	2	6	8	34	4.5	61
52-1-3613	304 stainless steel	raw	60	60	2	6	8	40	4.5	82
52-1-3872	316L stainless steel	raw	40	40	2	4	8	24	4	34
52-1-3709	316L stainless steel	raw	50	50	2	6	8	34	4.5	61
52-1-3873	316L stainless steel	raw	60	60	2	6	8	40	4.5	82



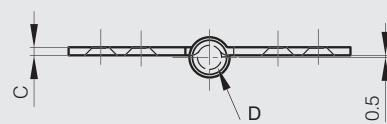
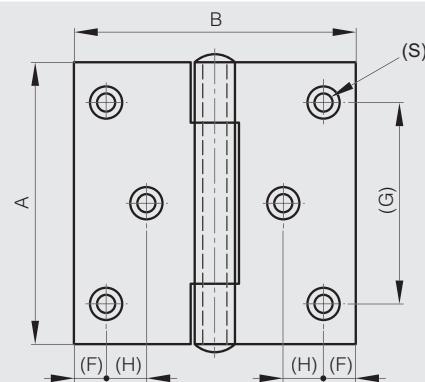
Square hinges

Square hinges with two offset leaves and riveted pin - with 6 holes

Riveted pin.



Part number	Material	Finish	A	B	C	D	F	G	H	S	Weight (g)
52-1-3615	304 stainless steel	raw	70	70	2	6	8	50	10	4.5	156
52-1-3617	304 stainless steel	raw	80	80	2.5	6	8	60	12.5	4.5	164

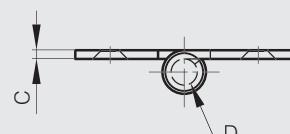
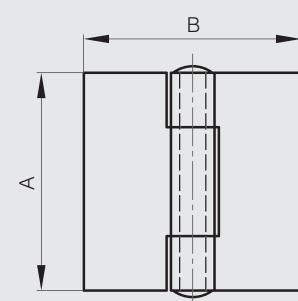


Square hinges with no offset leaf and riveted pin - no holes

Riveted pin.



Part number	Material	Finish	A	B	C	D	Weight (g)
50-1-3916	steel	raw	40	40	2	4	34
50-1-3917	steel	raw	50	50	2	6	61
50-1-3648	steel	raw	50	50	2.5	4.5	75
50-1-3918	steel	raw	60	60	2	6	82
50-1-3919	steel	raw	70	70	2	6	112
50-1-3920	steel	raw	80	80	2.5	6	168
50-1-3921	steel	raw	100	100	2.5	6	248
52-1-3679	304 stainless steel	raw	40	40	2	4	34
52-1-3694	304 stainless steel	raw	50	50	2	6	61
52-1-3695	304 stainless steel	raw	60	60	2	6	82
52-1-3864	304 stainless steel	raw	70	70	2	6	112
52-1-3865	304 stainless steel	raw	80	80	2.5	6	168
52-1-3866	304 stainless steel	raw	100	100	2.5	6	248
52-1-3869	316L stainless steel	raw	40	40	2	4	34
52-1-3870	316L stainless steel	raw	50	50	2	6	61
52-1-3871	316L stainless steel	raw	60	60	2	6	82



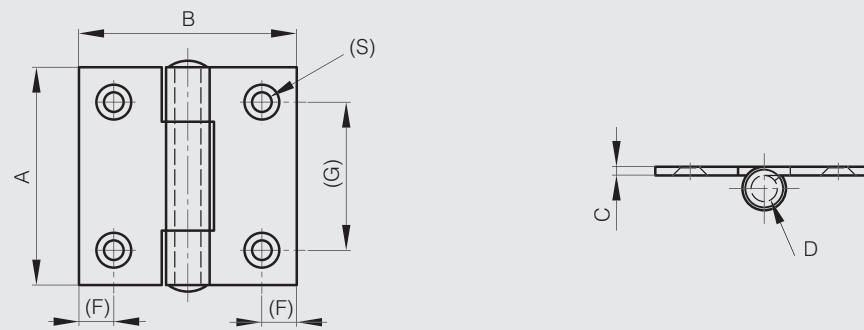
Square hinges

Square hinges with no offset leaf and riveted pin - with 4 holes

Riveted pin.



Part number	Material	Finish	A	B	C	D	F	G	S	Weight (g)
52-1-3861	304 stainless steel	raw	40	40	2	4	8	24	4	32
52-1-3862	304 stainless steel	raw	50	50	2	6	8	34	4.5	59
52-1-3863	304 stainless steel	raw	60	60	2	6	8	40	4.5	80
52-1-3874	316L stainless steel	raw	40	40	2	4	8	24	4	32
52-1-3710	316L stainless steel	raw	50	50	2	6	8	34	4.5	59
52-1-3875	316L stainless steel	raw	60	60	2	6	8	40	4.5	80

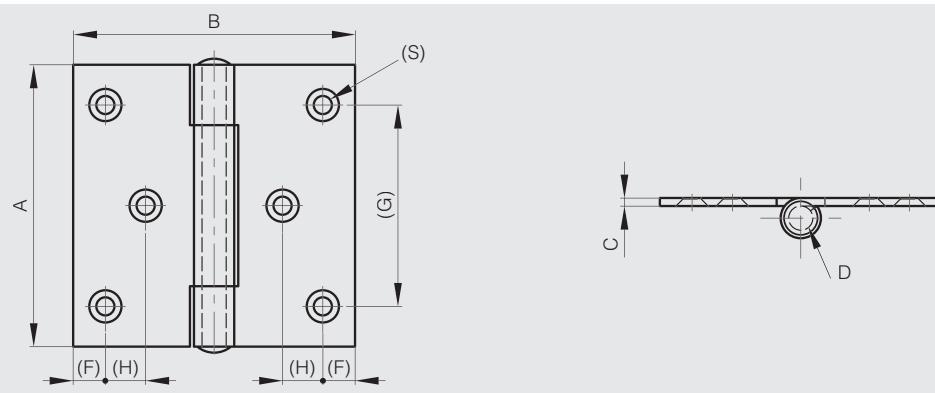


Square hinges with no offset leaf and riveted pin - with 6 holes

Riveted pin.



Part number	Material	Finish	A	B	C	D	F	G	H	S	Weight (g)
52-1-3867	304 stainless steel	raw	70	70	2	6	8	50	10	4.5	110
52-1-3868	304 stainless steel	raw	80	80	2.5	6	8	60	12.5	4.5	166

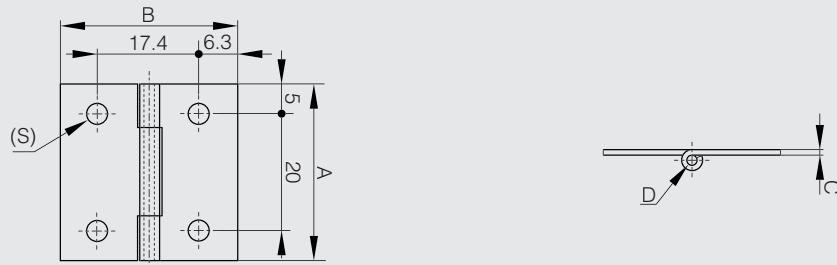


Square hinges

Hinge 30 x 30 mm



Part number	Material	Finish	A	B	C	D	S	Weight (g)
52-1-4038	304 stainless steel	raw	30	30	0.8	2	3.3	8

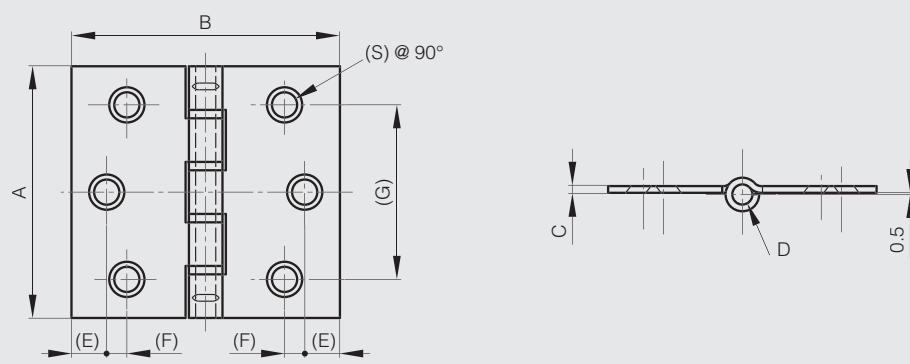


Hinge with nylon washers

Teflon plated pin in 304 stainless steel blocked with 2 punches.
4 nylon washers.



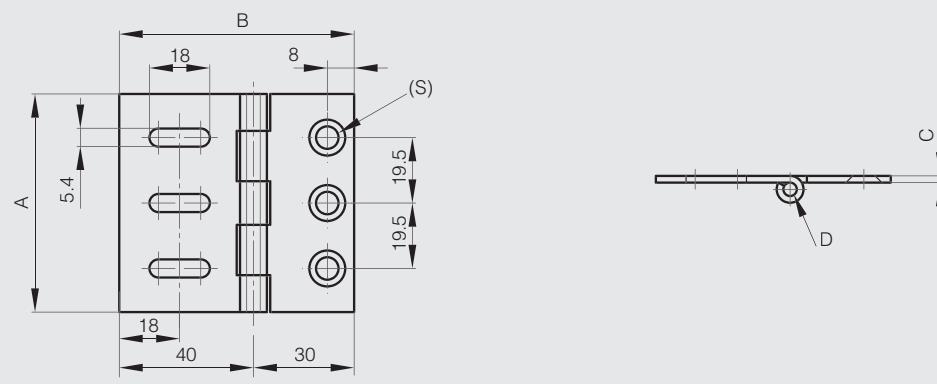
Part number	Material	Finish	A	B	C	D	E	F	G	S	Weight (g)
52-1-3790	304 stainless steel	raw	75	80	2	6	10.5	6	52	7.5	120



Hinge with oblong holes



Part number	Material	Finish	A	B	C	D	S	Weight (g)
50-1-3312	steel	zinc plated	65	70	2	4	6.7	81



Rectangular hinges

Aluminium profile hinges

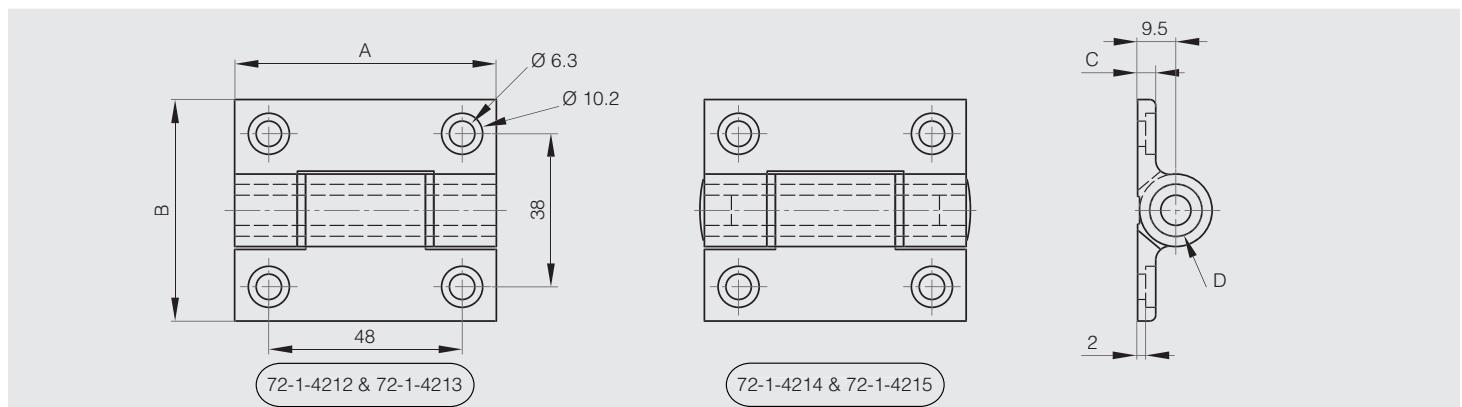
This hinge has the same footprint and design as our friction, detent and spring hinges.

All are fully interchangeable.

Plastic pin with or without end caps.



Part number	Material	Finish	A	B	C	D	Note	Weight (g)
72-1-4212	6060 T5 alu	clear anodised	65	55	4.5	13	without cap	130
72-1-4213	6060 T5 alu	black anodised	65	55	4.5	13	without cap	130
72-1-4214	6060 T5 alu	clear anodised	65	55	4.5	13	with cap	130
72-1-4215	6060 T5 alu	black anodised	65	55	4.5	13	with cap	130



Heavy duty aluminium profile hinges

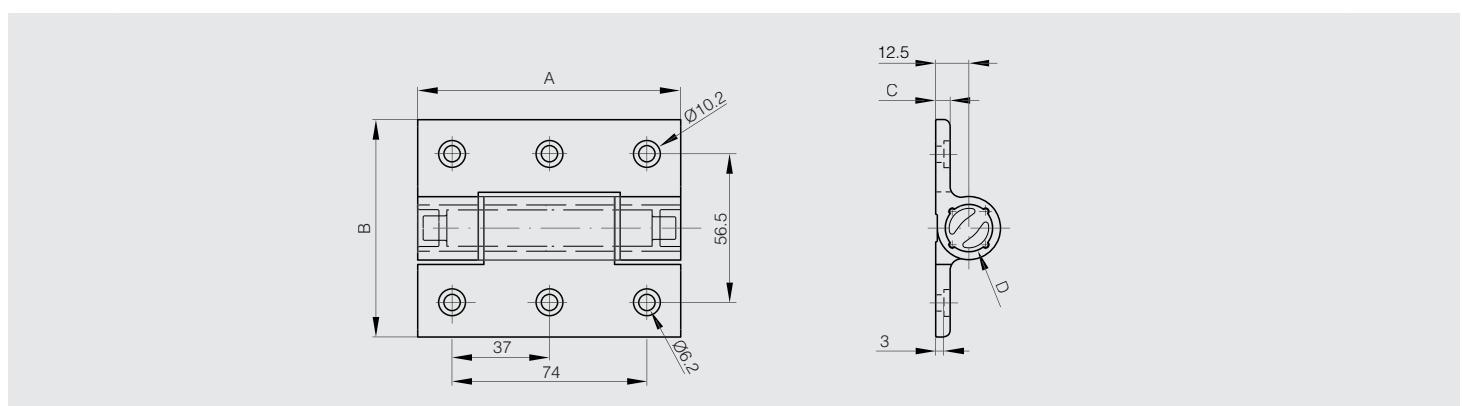
Free swinging hinge.

It has the same footprint and design as the spring hinge for heavy duty applications (part numbers: 72-1-4231, 72-1-4232, 72-1-4258 and 72-1-4259).

All are fully interchangeable.



Part number	Material	Finish	A	B	C	D	Weight (g)
72-1-4241	6082 T5 alu	clear anodised	100	82.5	5.5	24	148
72-1-4242	6082 T5 alu	black anodised	100	82.5	5.5	24	148



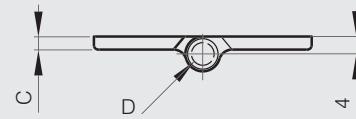
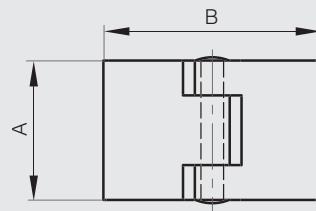


Aluminium hinges - 50 mm width

Hinge with 304 stainless steel riveted pin.



Part number	Material	Finish	A	B	C	D	Weight (g)
72-1-3635	6060 T5 alu	raw	32	50	3	5.2	20
72-1-3636	6060 T5 alu	raw	50	50	3	5.2	30

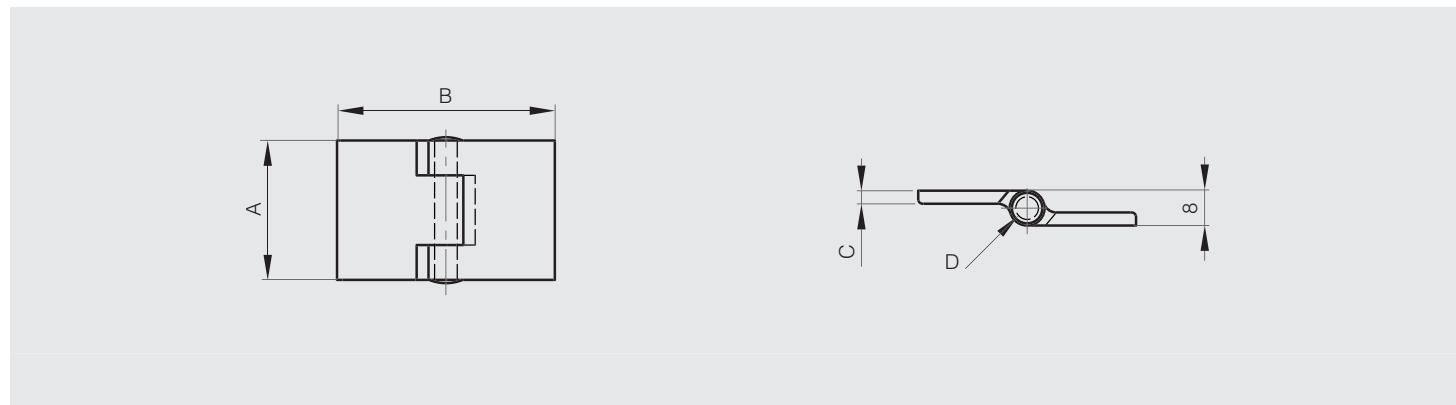
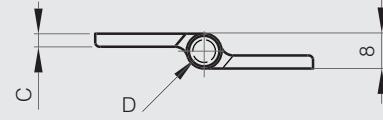
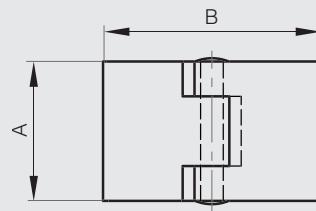


Aluminium hinges with reversed leaves - 50 mm width

Hinge with 304 stainless steel riveted pin.



Part number	Material	Finish	A	B	C	D	Weight (g)
72-1-3637	6060 T5 alu	raw	32	50	3	5.2	20
72-1-3638	6060 T5 alu	raw	50	50	3	5.2	30



Rectangular hinges

Clean room hinge 65 x 60 mm

No metal-to-metal contact. Polyacetal bushings minimize particles.

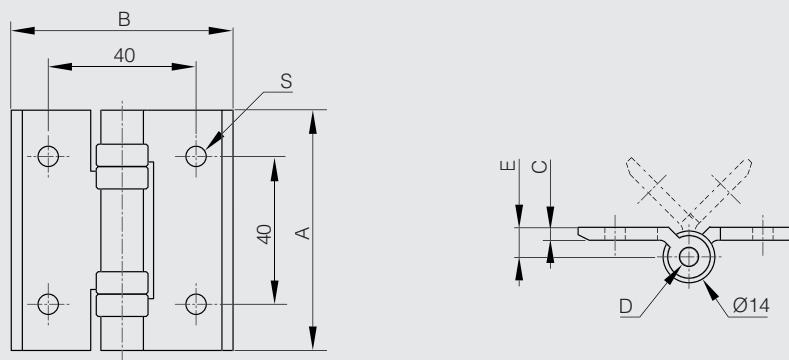
Door size: max. W600 x L800.

Door weight: max. 13 kg/pair.

303 stainless steel pin.



Part number	Material	Finish	A	B	C	D	E	S	Weight (g)
72-7-4252	aluminium	anodised	65	60	3.5	5	8	5.5	50



Clean room hinge 100 x 60 mm

No metal-to-metal contact. Polyacetal bushings minimize particles.

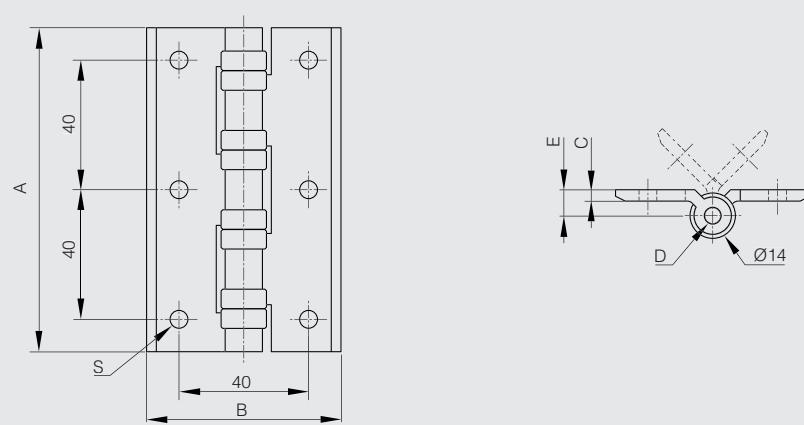
Door size: max. W600 x L800.

Door weight: max. 13 kg/pair.

303 stainless steel pin.



Part number	Material	Finish	A	B	C	D	E	S	Weight (g)
72-7-4253	aluminium	anodised	100	60	3.5	5	8	5.5	78



Clean room lift-off hinges - 65 x 60 mm

No metal-to-metal contact. Polyacetal bushings minimize particles.

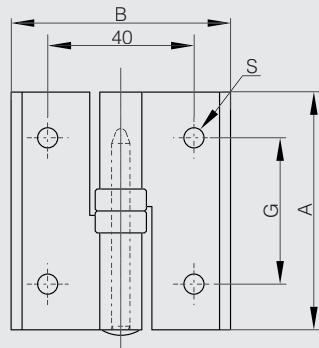
Door size: max. W600 x L800.

Door weight: max. 8 kg/pair.

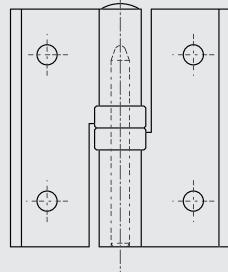
303 stainless steel pin.



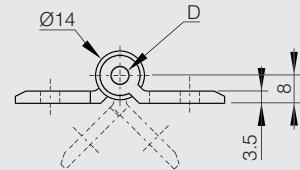
Part number	Material	Finish	A	B	D	G	S	Note	Weight (g)
14-7-3877	aluminium	anodised	65	60	5	40	5.5	type 1	49
14-7-3878	aluminium	anodised	65	60	5	40	5.5	type 2	49



14-7-3877



14-7-3878



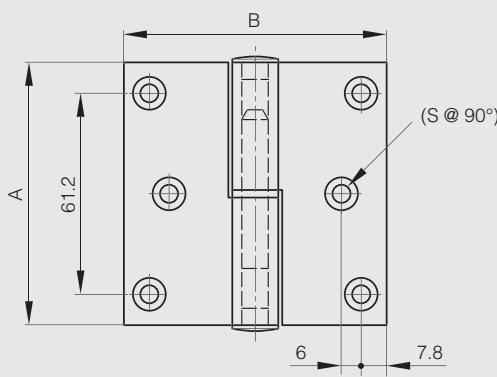
Aluminium lift-off hinges 80 x 80 mm

Zinc plated steel pin.

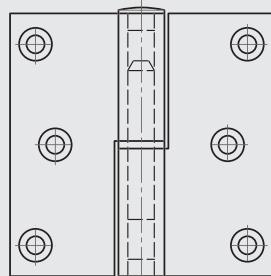
Nylon bushing.



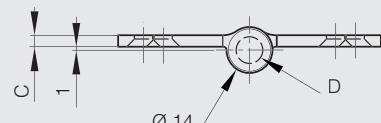
Part number	Material	Finish	A	B	C	D	S	Note	Weight (g)
14-7-3624	aluminium	anodised silver	80	80	3.5	8	5.5	type 1	85
14-7-3625	aluminium	anodised silver	80	80	3.5	8	5.5	type 2	85



14-7-3624



14-7-3625



Rectangular hinges

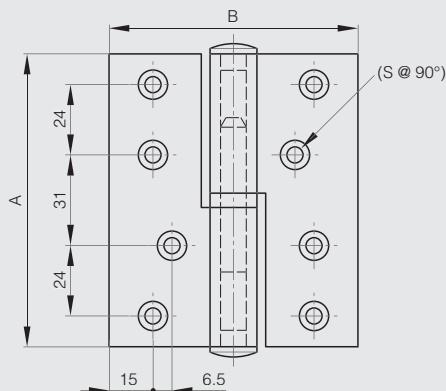
Aluminium lift-off hinges 100 x 85 mm

Zinc plated steel pin.

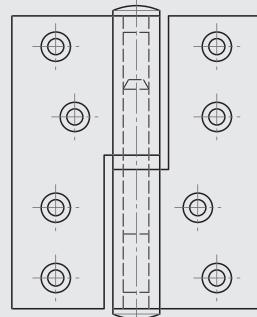
Nylon bushing.



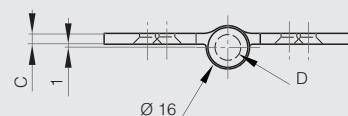
Part number	Material	Finish	A	B	C	D	S	Note	Weight (g)
14-7-3626	aluminium	anodised silver	100	85	3.5	9	5.5	type 1	99
14-7-3627	aluminium	anodised silver	100	85	3.5	9	5.5	type 2	99



14-7-3626



14-7-3627



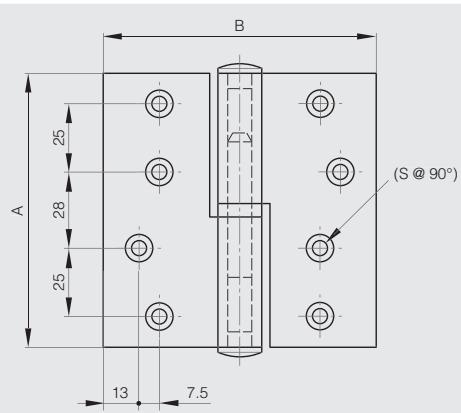
Aluminium lift-off hinges 100 x 100 mm

Zinc plated steel pin.

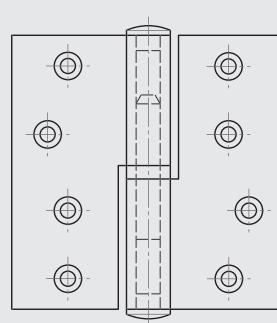
Nylon bushing.



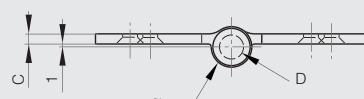
Part number	Material	Finish	A	B	C	D	S	Note	Weight (g)
14-7-3628	aluminium	anodised silver	100	100	4	9	6	type 1	106
14-7-3629	aluminium	anodised silver	100	100	4	9	6	type 2	106



14-7-3628



14-7-3629



Common hinges

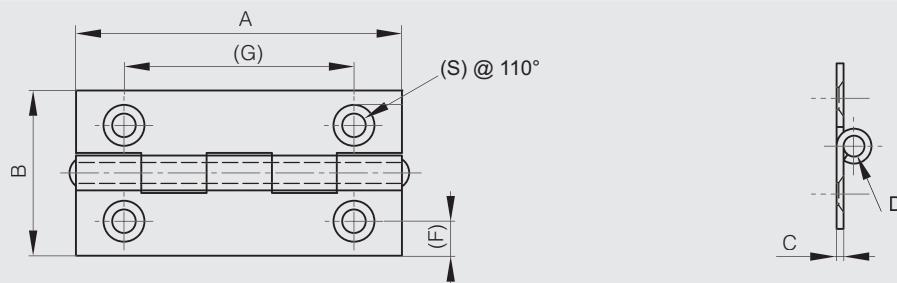
Rectangular hinges

Hinge 50 x 30 mm

Drilled hinge with riveted pin.



Part number	Material	Finish	A	B	C	D	F	G	S	Weight (g)
52-1-3571	304 stainless steel	raw	50	30	1	3	6.5	35	3.5	16

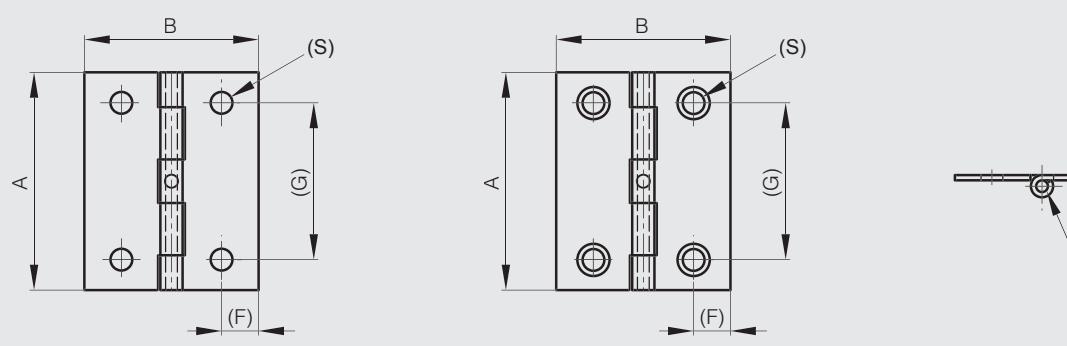


Hinges 50 x 40 mm

Available in 2 versions: with holes or countersunk holes



Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
50-1-3525	steel	zinc plated	50	40	1.2	2.7	8.5	36	5	drilled	24
50-1-3526	steel	zinc plated	50	40	1.2	2.7	8.5	36	5	countersunk version	24
52-1-3592	304 stainless steel	raw	50	40	1.2	3	8.5	36	5	countersunk version	24
52-1-3607	304 stainless steel	raw	50	40	1.2	3	8.5	36	5	drilled	24

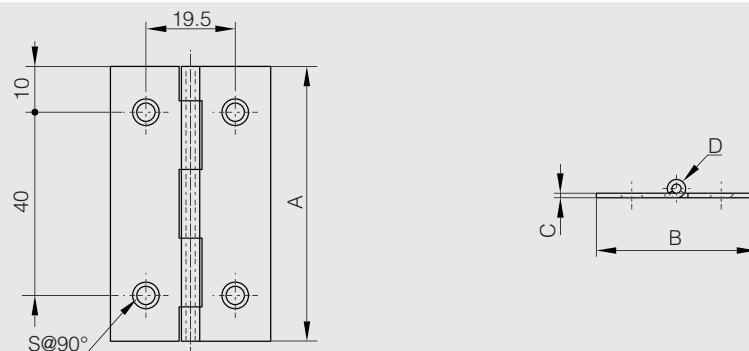


Rectangular hinges

Hinges 60 x 35 mm



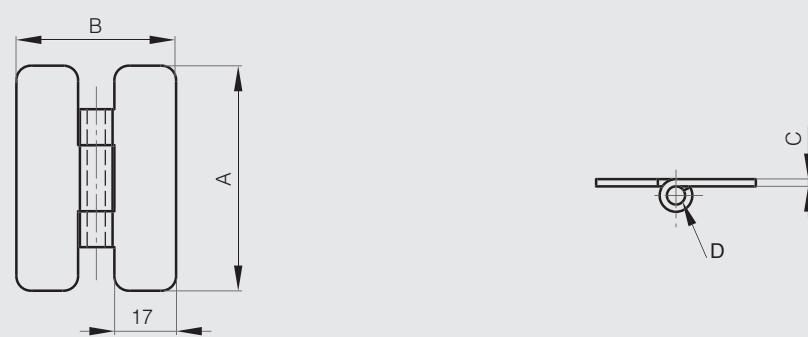
Part number	Material	Finish	A	B	C	D	S	Note	Weight (g)
52-1-4009	304 stainless steel	raw	60	35	1	2	4	countersunk version	20
52-1-4051	304 stainless steel	raw	60	35	1	2	4	drilled	20



Hinge 62 x 44 mm



Part number	Material	Finish	A	B	C	D	Weight (g)
50-1-3309	steel	raw	62	44	2	4.9	48



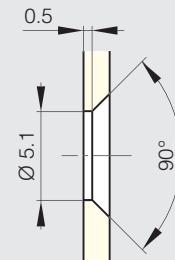
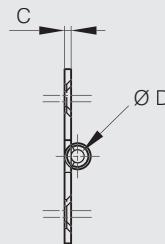
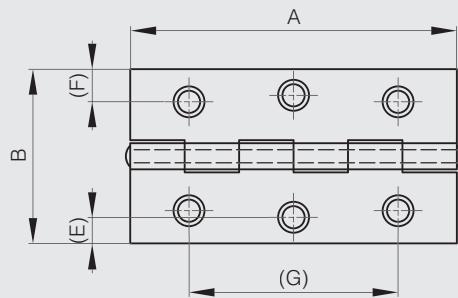
Common hinges

Rectangular hinges

Hinge 75 x 40 mm



Part number	Material	Finish	A	B	C	D	E	F	G	Weight (g)
52-1-3990	304 stainless steel	raw	75	40	1.5	3	6	7.5	48	40

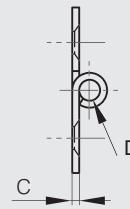
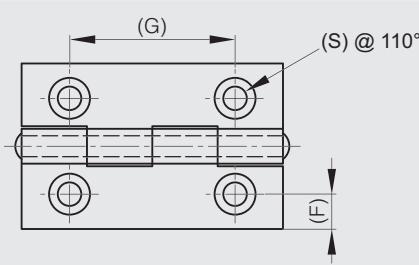
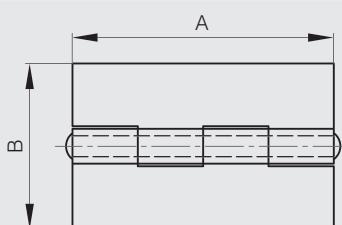


Small hinges with 4 knuckles

Only part number 50-7-3558 has a headed pin.



Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
50-7-3618	steel	raw	30	19	0.8	2.4				undrilled	5.6
50-7-3617	steel	raw	30	19	0.8	2.4	4	19	2	drilled	5.5
50-7-3557	steel	raw	35	22	0.8	2.4				undrilled	7.5
50-7-3549	steel	raw	35	22	0.8	2.4	4	22	3.5	drilled	7
50-7-3558	steel	raw	40	25	0.9	2.7				undrilled headed pin	10.2
50-7-3550	steel	raw	40	25	0.9	2.7	4.5	27	3.2	drilled	10
50-7-3559	steel	raw	50.3	29.8	1	2.4				undrilled	15.5
50-7-3551	steel	raw	50.3	29.8	1	2.4	7.2	35.2	2.5	drilled	15



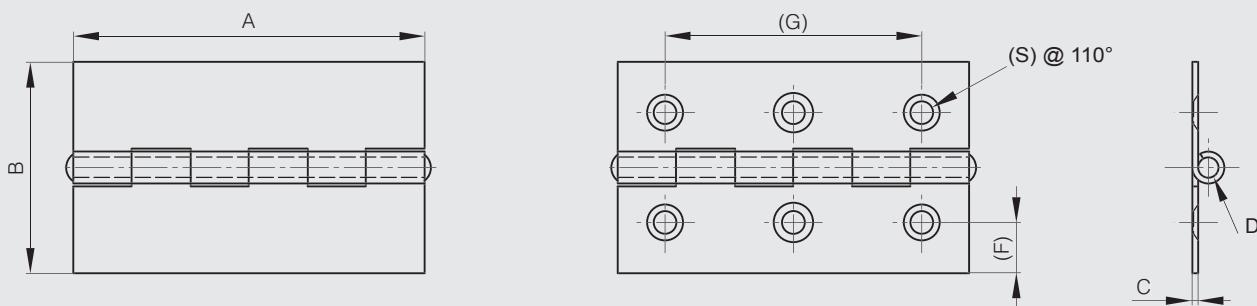
Rectangular hinges

Small hinges with 6 knuckles

All hinges have headed pins except 50-7-3552, 50-7-3553, 50-7-3561.



Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
50-7-3560	steel	raw	60	35	1	3				undrilled / headed pin	23
50-7-3552	steel	raw	60	35	1	3	8	44	2.5	drilled	22.5
50-7-3561	steel	raw	70	39.5	1	4				undrilled	40
50-7-3553	steel	raw	70	41.5	1	3.5	8.7	52	3	drilled	39
50-7-3562	steel	raw	80	45	1.2	3.9				undrilled / headed pin	48
50-7-3554	steel	raw	80.5	45.4	1	3.5	9.6	59.3	4	drilled / headed pin	47
50-7-3564	steel	raw	100	50	1.5	4.9				undrilled / headed pin	86
50-7-3556	steel	raw	100	50	1.5	4.9	10	77	5.5	drilled / headed pin	85

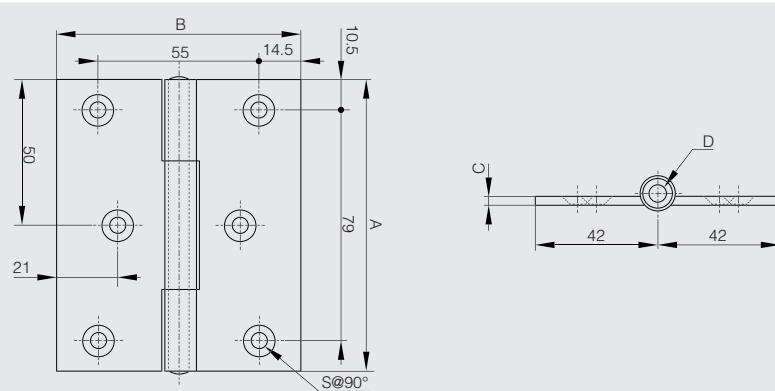


Hinge 100 x 84 mm

304 stainless steel riveted pin.



Part number	Material	Finish	A	B	C	D	S	Weight (g)
50-1-4174	steel	zinc plated	100	84	3	6	5.5	250





Common hinges

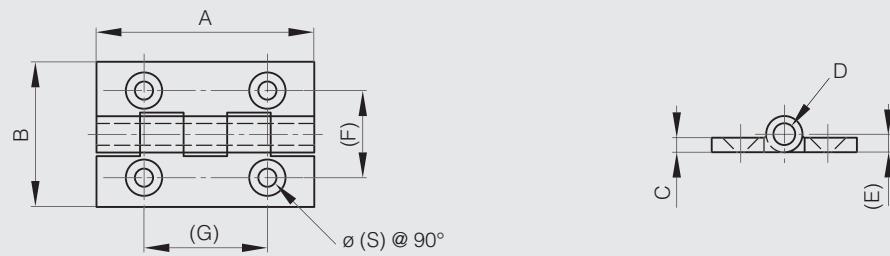
Rectangular hinges

Brass hinges - 4 holes

304 stainless steel pin.



Part number	Material	Finish	A	B	C	D	E	F	G	S	Note	Weight (g)
72-7-3659	brass	raw	30	20	2	3	2.5	12.5	16.5	2.5	drilled	11.6
72-7-3660	brass	raw	30	30	2	3	2.5	19	17	2.5	drilled	15.8

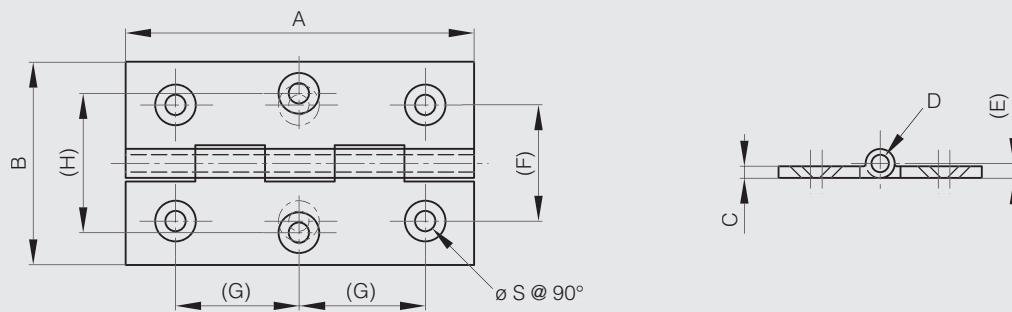


Brass hinges - 6 holes A

304 stainless steel pin.



Part number	Material	Finish	A	B	C	D	E	F	G	H	S	Weight (g)
72-7-3662	brass	raw	40	30	2	3	2.5	18	14	3	20.5	
72-7-3663	brass	raw	40	35	2	3	2.5	21	14	3	24	
72-7-3664	brass	raw	40	40	2	3	2.5	23	14	3	29	
72-7-3665	brass	raw	50	30	2	3	2.5	17.5	17.5	3	26	
72-7-3666	brass	raw	60	35	2	3	2.5	20	21.5	24	3.5	37
72-7-3667	brass	raw	60	40	2	3	2.75	21.5	21.5	26	3.5	43.5



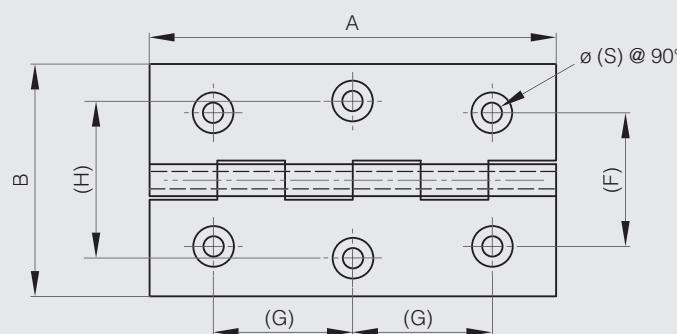
Rectangular hinges

Brass hinges - 6 holes B

304 stainless steel pin.



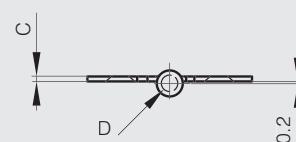
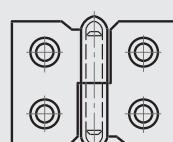
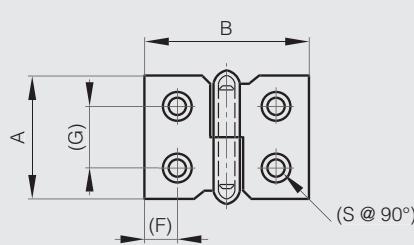
Part number	Material	Finish	A	B	C	D	E	F	G	H	S	Weight (g)
72-7-3668	brass	raw	70	40	2	3	2.25	23	24	27	3.5	52
72-7-3669	brass	raw	70	50	2.5	3.5	3.25	25	24	37	3.5	79
72-7-3670	brass	raw	80	45	2.2	3	2.25	22.5	29	30.5	3.5	72
72-7-3671	brass	raw	80	60	3	4	3.5	28	28.5	45	4	125



Lift-off hinges 30 mm long



Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
14-7-3390	steel	nickel plated	30	40	1.2	4	7.7	15	3	type 1	16
14-7-3391	steel	nickel plated	30	40	1.2	4	7.7	15	3	type 2	16



14-7-3390

14-7-3391

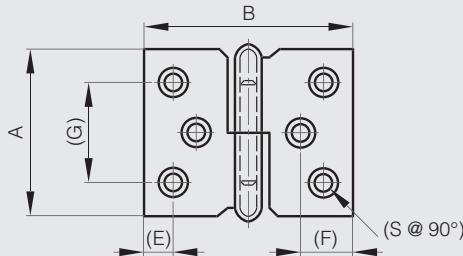
Common hinges

Rectangular hinges

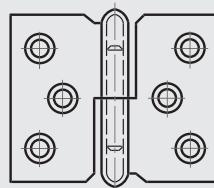
Lift-off hinges 40 mm long



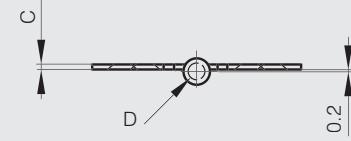
Part number	Material	Finish	A	B	C	D	E	F	G	S	Note	Weight (g)
14-7-3392	steel	nickel plated	40	50	1.5	4	7.5	13	24	3	type 1	28
14-7-3393	steel	nickel plated	40	50	1.5	4	7.5	13	24	3	type 2	28



14-7-3392



14-7-3393

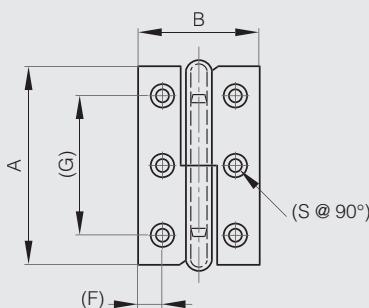


Lift-off hinges 50 x 30 mm and 60 x 40 mm

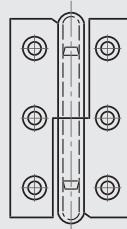
Drilled or undrilled versions.



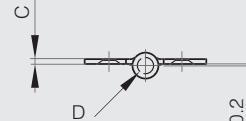
Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
14-7-3378	steel	raw	50	30	1.2	4				type 1 / undrilled	21
14-7-3379	steel	raw	50	30	1.2	4				type 2 / undrilled	21
14-7-3380	steel	raw	60	40	1.5	4				type 1 / undrilled	36
14-7-3381	steel	raw	60	40	1.5	4				type 2 / undrilled	36
14-7-3394	steel	nickel plated	50	30	1.3	4	6	34	3.6	type 1 / drilled	20
14-7-3395	steel	nickel plated	50	30	1.3	4	6	34	3.6	type 2 / drilled	20



14-7-3378 & 14-7-3380 & 14-7-3394



14-7-3379 & 14-7-3381 & 14-7-3395

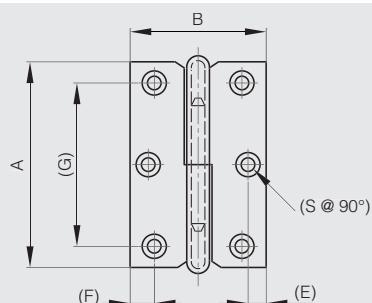


Rectangular hinges

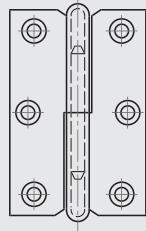
Lift-off hinges 60 to 80 mm long



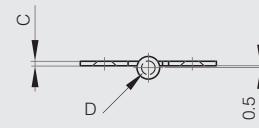
Part number	Material	Finish	A	B	C	D	E	F	G	S	Note	Weight (g)
14-7-3396	steel	nickel plated	60	40	1.5	4	5.5	7	46	4	type 1	35
14-7-3397	steel	nickel plated	60	40	1.5	4	5.5	7	46	4	type 2	35
14-7-3398	steel	nickel plated	68	45	1.5	4.5	6	8	54	4.5	type 1	46
14-7-3399	steel	nickel plated	68	45	1.5	4.5	6	8	54	4.5	type 2	46
14-7-3400	steel	nickel plated	80	50	1.5	5	7.2	9.2	62	4	type 1	59
14-7-3401	steel	nickel plated	80	50	1.5	5	7.2	9.2	62	4	type 2	59



14-7-3396 & 14-7-3398 & 14-7-3400



14-7-3397 & 14-7-3399 & 14-7-3401

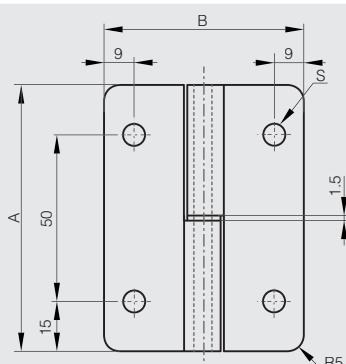


Lift-off hinges 80 x 60 mm - stainless steel

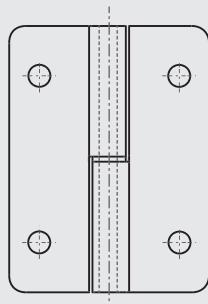


Pin and washer in stainless steel.

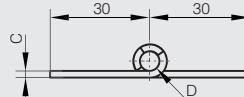
Part number	Material	Finish	A	B	C	D	S	Note	Weight (g)
14-1-3872	304 stainless steel	raw	80	60	2	6	6.3	type 1	115
14-1-3873	304 stainless steel	raw	80	60	2	6	6.3	type 2	115



14-1-3872



14-1-3873



Rectangular hinges

Lift-off hinges 80 x 80 mm - stainless steel with 6 holes

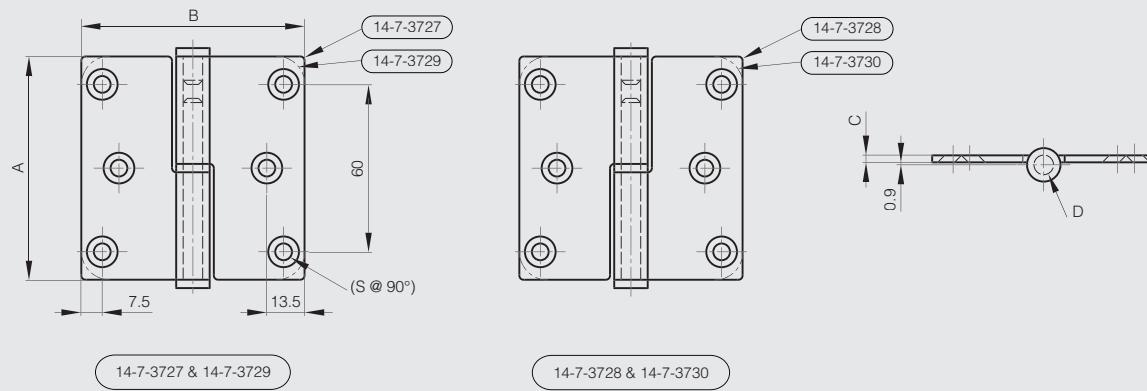
2 shapes available:

- Shape with square ends (14-7-3727 and 14-7-3728).
- Shape with round ends (14-7-3729 and 14-7-3730).

Only the visible side has a brushed finish.



Part number	Material	Finish	A	B	C	D	S	Note	Weight (g)
14-7-3727	304 stainless steel	brushed	80	80	2.5	7	5.2	type 1 / square corners	175
14-7-3728	304 stainless steel	brushed	80	80	2.5	7	5.2	type 2 / square corners	175
14-7-3729	304 stainless steel	brushed	80	80	2.5	7	5.2	type 1 / round corners	175
14-7-3730	304 stainless steel	brushed	80	80	2.5	7	5.2	type 2 / round corners	175



Lift-off hinges 100 x 82 mm - stainless steel with 8 holes

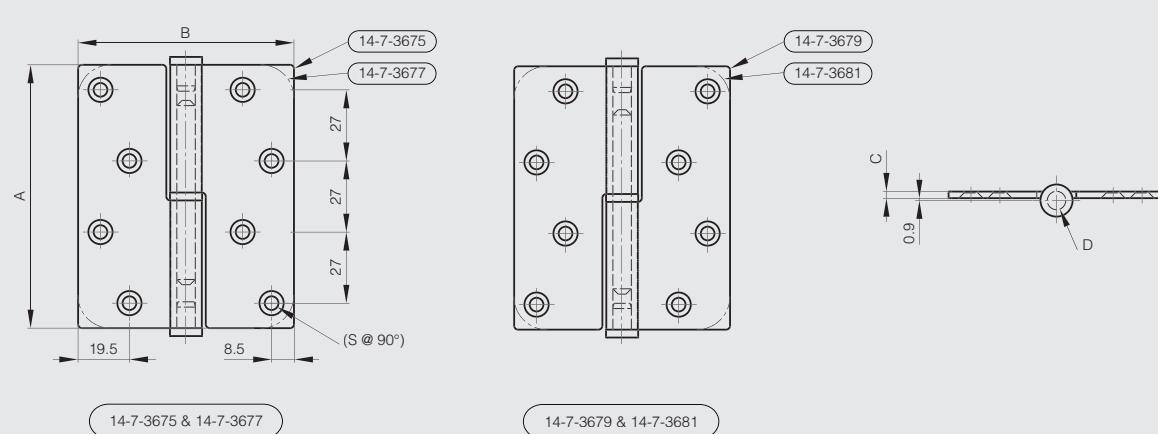
2 shapes available:

- Shape with square ends (14-7-3675 and 14-7-36790).
- Shape with round ends (14-7-3677 and 14-7-3681).

Only the visible side has a brushed finish.



Part number	Material	Finish	A	B	C	D	S	Note	Weight (g)
14-7-3675	304 stainless steel	brushed	100	82	2.5	7	4.7	type 1 / square corners	220
14-7-3677	304 stainless steel	brushed	100	82	2.5	7	4.7	type 1 / round corners	220
14-7-3679	304 stainless steel	brushed	100	82	2.5	7	4.7	type 2 / square corners	220
14-7-3681	304 stainless steel	brushed	100	82	2.5	7	4.7	type 2 / round corners	220

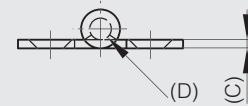
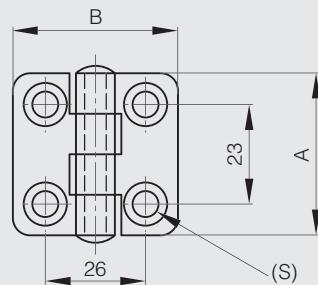


Hinge for marine applications - 36.5 x 38 mm

Riveted pin.



Part number	Material	Finish	A	B	C	D	S	Weight (g)
52-1-3945	316 stainless steel	polished	36.5	38	2	5	6	32

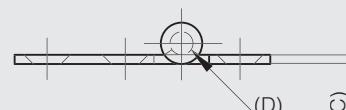
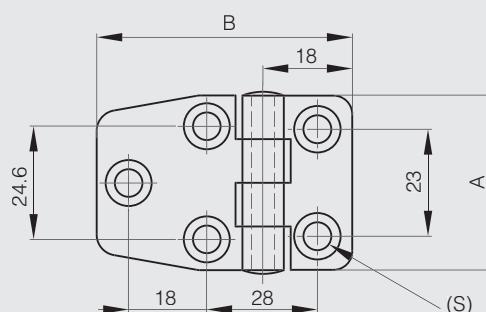


Hinge for marine applications - 36.5 x 56.5 mm

Riveted pin.



Part number	Material	Finish	A	B	C	D	S	Weight (g)
52-1-3947	316 stainless steel	polished	36.5	56.5	2	5	6	40

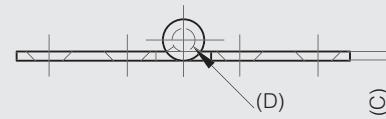
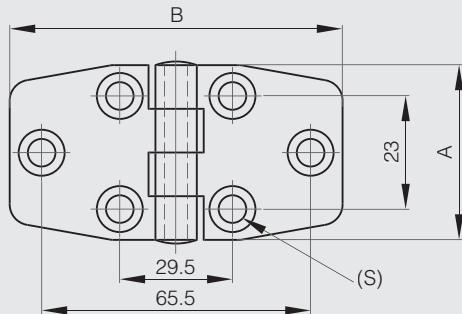


Hinge for marine applications - 36.5 x 76 mm

Riveted pin.



Part number	Material	Finish	A	B	C	D	S	Weight (g)
52-1-3944	316 stainless steel	polished	36.5	76	2	4	6	50

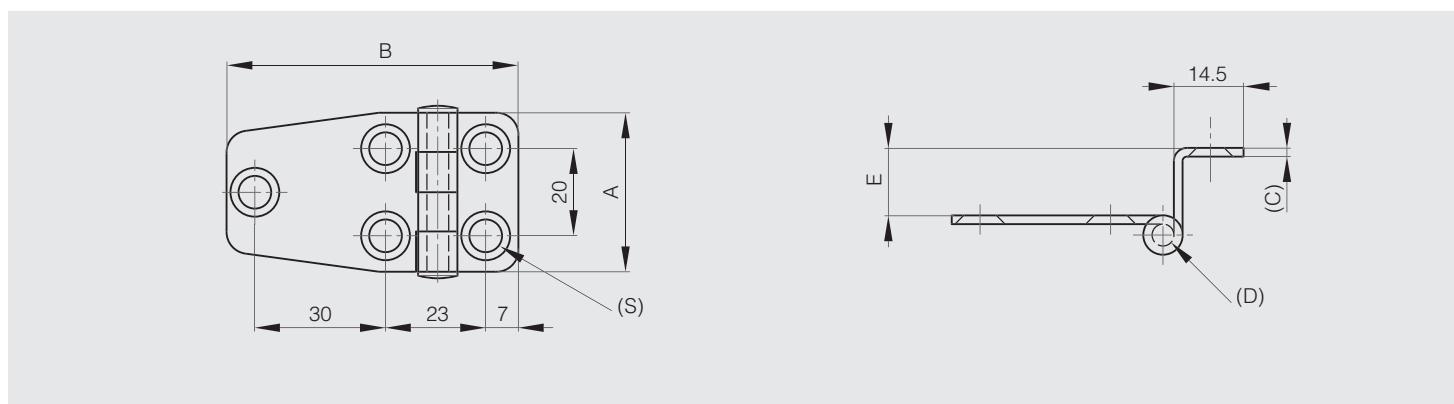
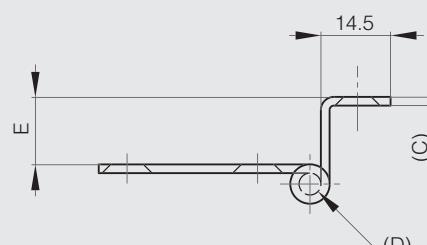
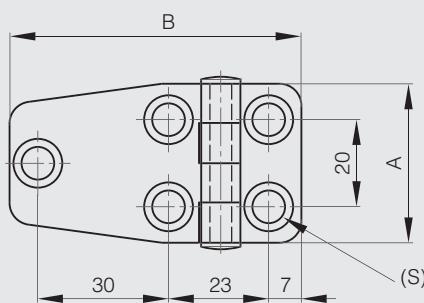


Hinges for marine applications - 36.5 x 65.5 mm

Riveted pin.



Part number	Material	Finish	A	B	C	D	E	S	Weight (g)
52-1-3950	316 stainless steel	polished	36.5	65.5	2	5	10	6	54
52-1-3949	316 stainless steel	polished	36.5	65.5	2	5	15.9	6	54
52-1-3948	316 stainless steel	polished	36.5	65.5	2	5	19.2	6	54

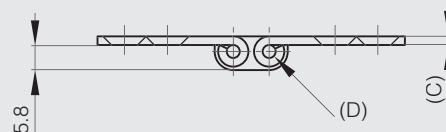
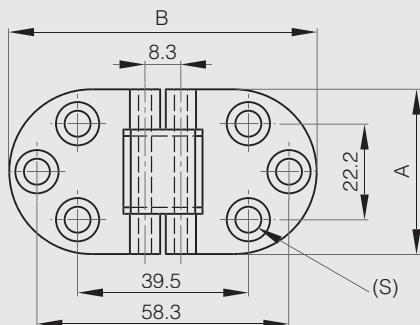




Hinge for marine applications - 38.1 x 71.1 mm



Part number	Material	Finish	A	B	C	D	S	Weight (g)
52-1-3898	316 stainless steel	polished	38.1	71.1	2	3	6	42

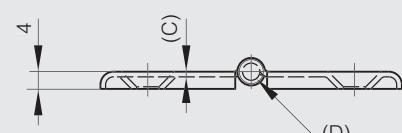
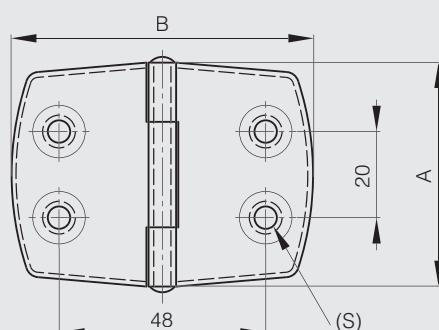


Hinge for marine applications - 52 x 70 mm



Riveted pin.

Part number	Material	Finish	A	B	C	D	S	Weight (g)
52-1-3964	316 stainless steel	brushed	52	70	1.2	4	5.2	44



Various hinges

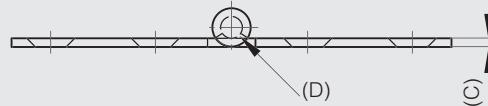
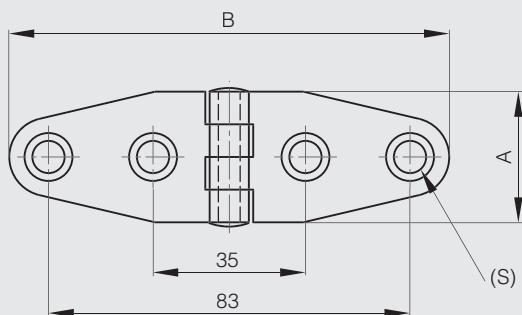
Hinges for marine applications

Hinge for marine applications - 30 x 101 mm

Riveted pin.



Part number	Material	Finish	A	B	C	D	S	Weight (g)
52-1-3954	316 stainless steel	polished	30	101	2	5	6	44

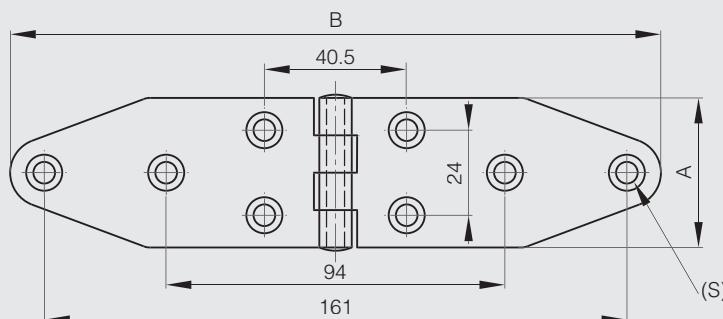


Hinge for marine applications - 38 x 178 mm

Riveted pin.



Part number	Material	Finish	A	B	C	D	S	Weight (g)
52-1-3957	316 stainless steel	polished	38	178	2	5	6	96





Various hinges

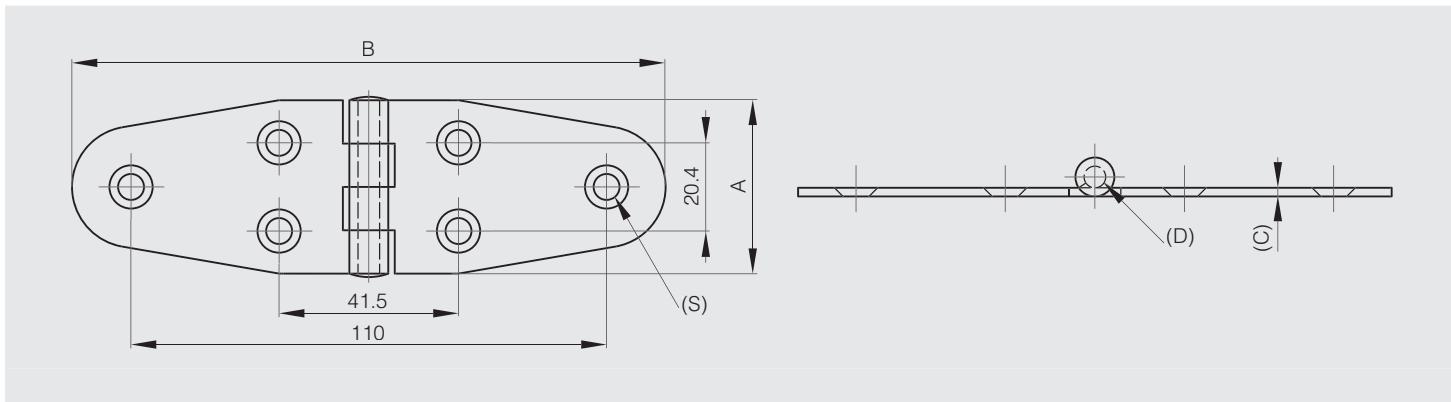
Hinges for marine applications

Hinge for marine applications - 40.1 x 137.3 mm

Riveted pin.



Part number	Material	Finish	A	B	C	D	S	Weight (g)
52-1-3953	316 stainless steel	polished	40.1	137.3	2	5	6	80



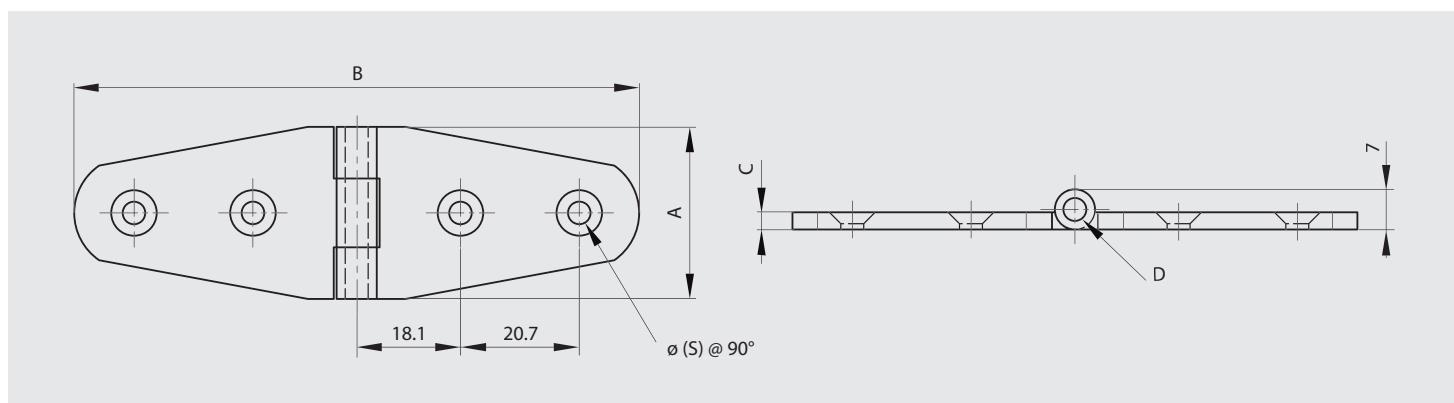
Brass hinge - 30 x 98.5 mm

304 stainless steel pin.

Same shape available for hasp 72-7-3726.



Part number	Material	Finish	A	B	C	D	S	Weight (g)
72-7-3725	brass	chrome plated	30	98.5	3	4	4	56.5

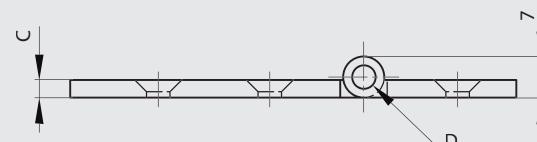
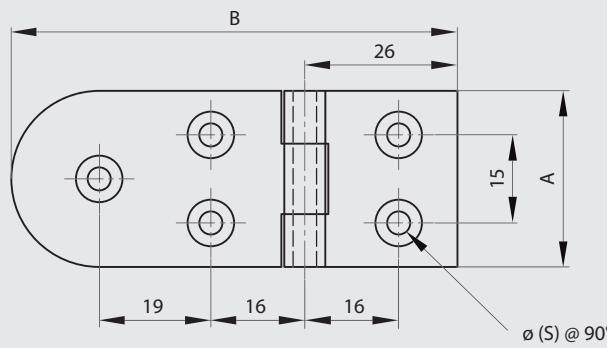


Brass hinge - 30 x 76 mm

304 stainless steel pin.



Part number	Material	Finish	A	B	C	D	S	Weight (g)
72-7-3723	brass	chrome plated	30	76	3	4	4	51





Various hinges

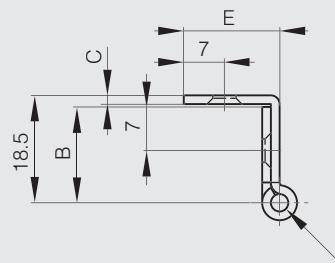
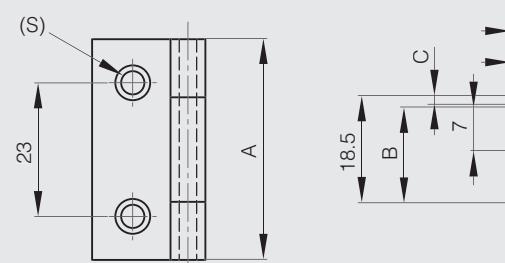
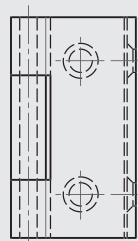
Cranked hinges

Small butt hinge with one cranked leaf 38 mm

304 stainless steel headed pin.



Part number	Material	Finish	A	B	C	D	E	S	Weight (g)
63-1-3301	brass	chrome plated	38	16.5	1.5	3	16.5	4	29

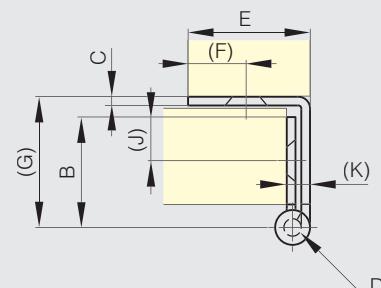
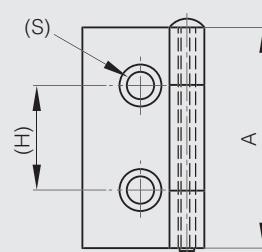
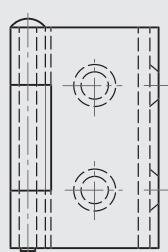


Small butt hinges with one cranked leaf and removable pin 38 mm

Removable pin.



Part number	Material	Finish	A	B	C	D	E	F	G	H	J	K	S	Pin material	Weight (g)
60-1-3331	steel	chrome plated	38	19	1.5	3	17	8	23	26	7	3.5	4	nickel plated steel	31
60-1-3332	steel	chrome plated	38	19	1.5	3	19	10	24.5	18	7.5	4	4.7	nickel plated steel	31
60-1-3330	steel	chrome plated	38	19	1.5	3	21	10	22.5	18	7.5	4	4.7	nickel plated steel	31
60-1-3342	steel	black cataphoresis	38	19	1.5	3	21	10	22.5	18	7.5	4	4.7	raw steel	31



Various hinges

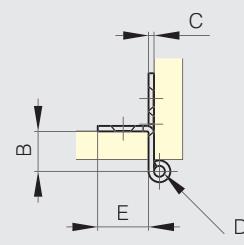
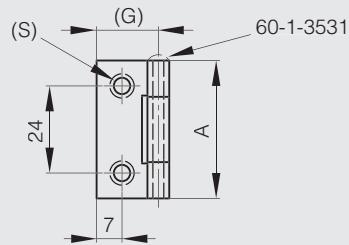
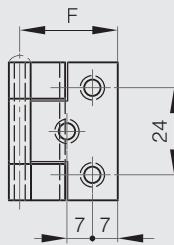
Cranked hinges

Small butt hinges with one cranked leaf 38 mm

270° STAINLESS STEEL STEEL ✓ RoHS



Part number	Material	Finish	A	B	C	D	E	F	G	S	Pin material	Weight (g)
60-1-3525	steel	chrome plated	38	7	1.5	3	18	27	21	4.5	304 stainless steel	24
60-1-3327	steel	chrome plated	38	11	1.5	3	14	27	17	4.5	304 stainless steel	24
60-1-3329	steel	nickel plated	38	11	1.5	3	14	27	17	4.5	304 stainless steel	24
60-1-3797	steel	black zinc plated	38	11	1.5	3	14	27	17	4.5	304 stainless steel	24
62-1-3628	316L stainless steel	raw	38	15	1.5	3	14	31	17	4.5	316L stainless steel	24



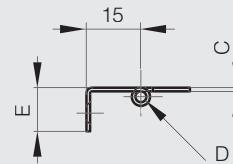
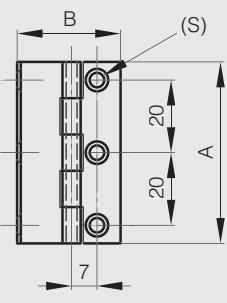
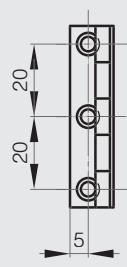
Small butt hinge with one cranked leaf 50 mm

270° STAINLESS STEEL STEEL ✓ RoHS

304 stainless steel pin.

For door thickness max. 11 mm.

Part number	Material	Finish	A	B	C	D	E	S	Weight (g)
62-1-3300	430 stainless steel	polished	50	28.5	1	3	12	4	20





Various hinges

Cranked hinges

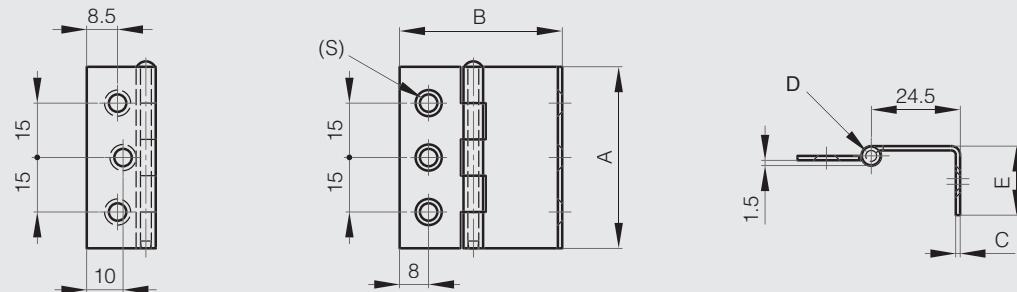
Small butt hinge with one cranked leaf and removable pin 50 mm

Removable pin.

Door thickness: max. 20 mm.



Part number	Material	Finish	A	B	C	D	E	S	Weight (g)
62-1-3301	430 stainless steel	polished	50	44.8	1.2	3	19	4.8	33

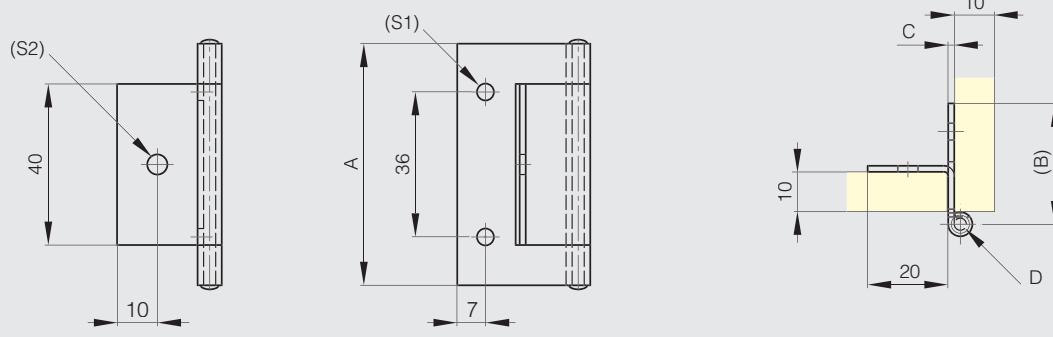


Small butt hinge with one cranked leaf 60 mm

The same hinge is available with a spring (part number 71-1-3622).



Part number	Material	Finish	A	B	C	D	S1	S2	Weight (g)
62-1-3625	316L stainless steel	brightened	60	30	1.5	3	4.2	5	40





Various hinges

Cranked hinges

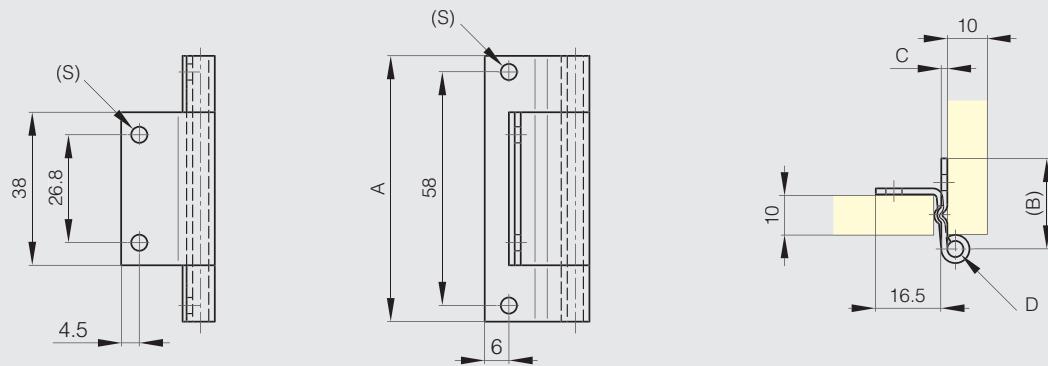
Small butt hinge with one cranked leaf 66 mm

The same hinge is available with a spring (part number 71-1-3649).

Pin in 316 stainless steel.



Part number	Material	Finish	A	B	C	D	S	Weight (g)
62-1-3637	316 stainless steel	brightened	66	22.5	1.5	4	4	310

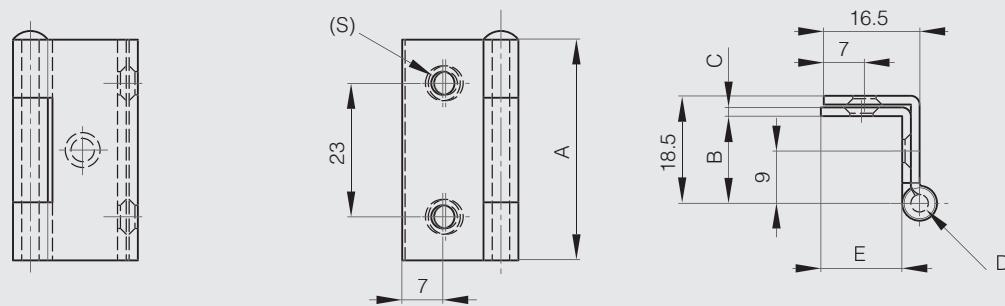


Small butt hinge with two cranked leaves and removable pin 38 x 18.5 mm

304 stainless steel removable pin.



Part number	Material	Finish	A	B	C	D	E	S	Weight (g)
63-1-3300	brass	chrome plated	38	15	1.5	3	14	4	36





Various hinges

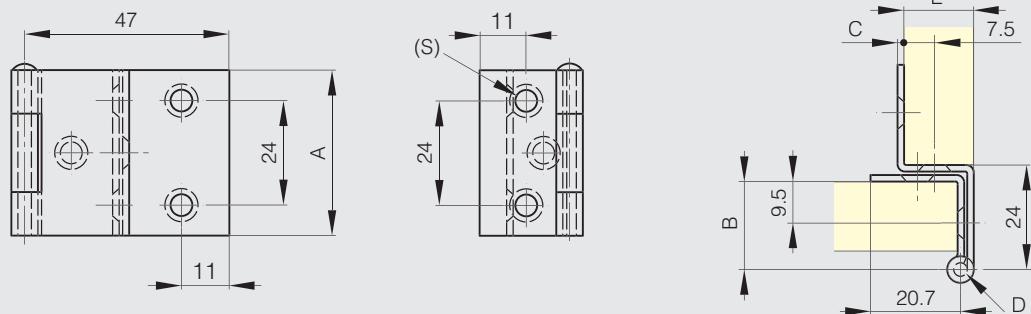
Cranked hinges

Small butt hinge with two cranked leaves and removable pin 38 x 47 mm

Removable pin in nickel plated steel.



Part number	Material	Finish	A	B	C	D	E	S	Weight (g)
60-1-3555	steel	chrome plated	38	20.2	1.5	3	16	5	50

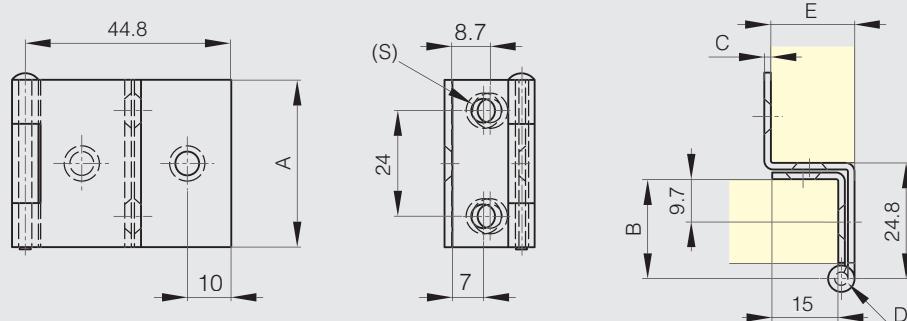


Small butt hinges with two cranked leaves and removable pin 38 x 44.8 mm

Removable pin in nickel plated steel.



Part number	Material	Finish	A	B	C	D	E	S	Weight (g)
60-1-3523	steel	chrome plated	38	22.6	1.5	3	19	5.4	52
60-1-3796	steel	black cataphoresis	38	22.6	1.5	3	19	5.4	52



Various hinges

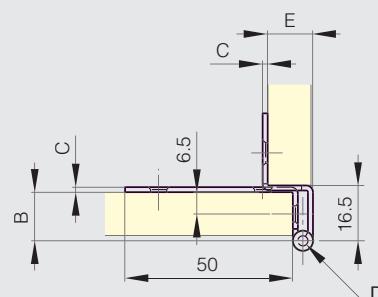
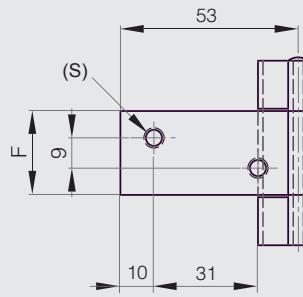
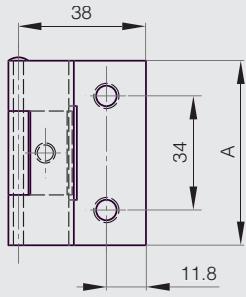
Cranked hinges

Small butt hinges with two cranked leaves and removable pin 55 x 38 mm

Removable pin.



Part number	Material	Finish	A	B	C	D	E	F	S	Pin material	Weight (g)
60-1-3323	steel	chrome plated	55	14.5	1.5	3	13.5	25	4	nickel plated steel	56
60-1-3325	steel	brass	55	14.5	1.5	3	13.5	25	4	brass plated steel	56

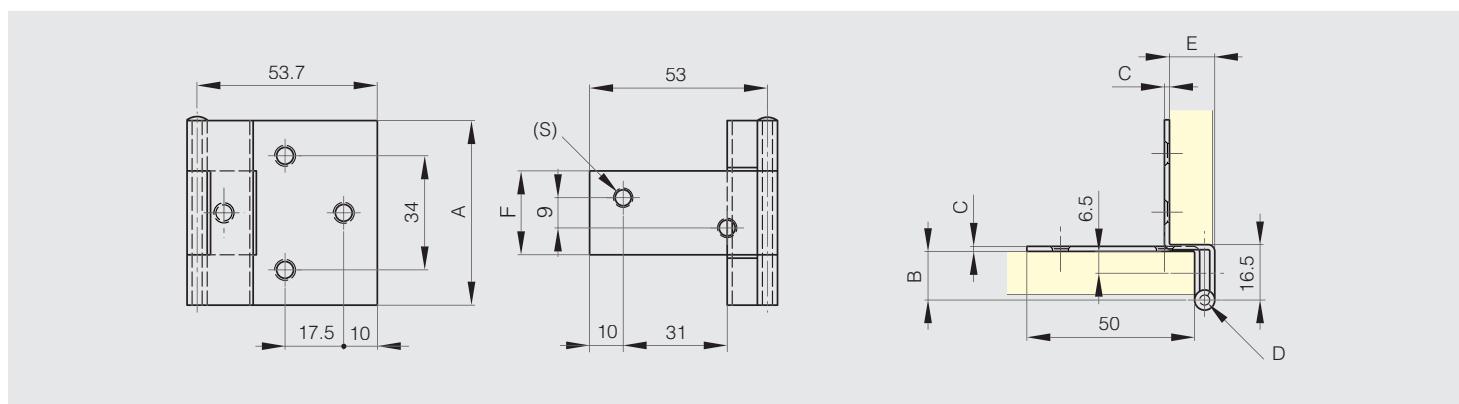
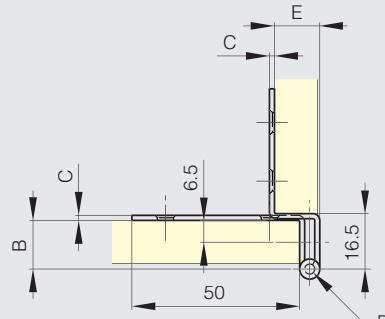
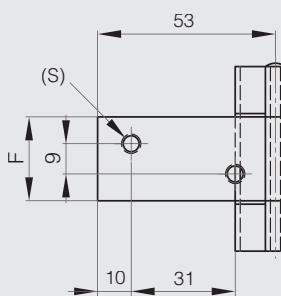
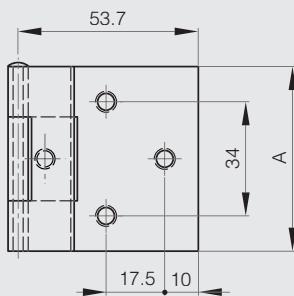


Small butt hinges with two cranked leaves 55 x 53.7 mm

Removable pin.



Part number	Material	Finish	A	B	C	D	E	F	S	Pin material	Note	Weight (g)
60-1-3303	steel	chrome plated	55	14.5	1.5	3	13.5	25	4.75	nickel plated steel	removable pin	65





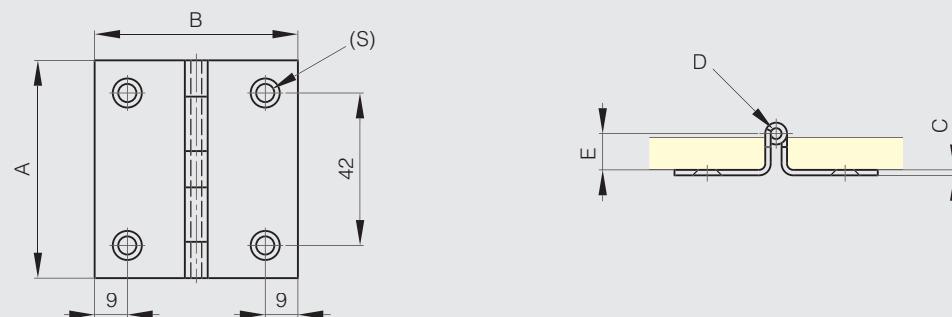
Various hinges

Cranked hinges

Small butt hinges with two cranked leaves 60 mm

180° STEEL ✓ RoHS

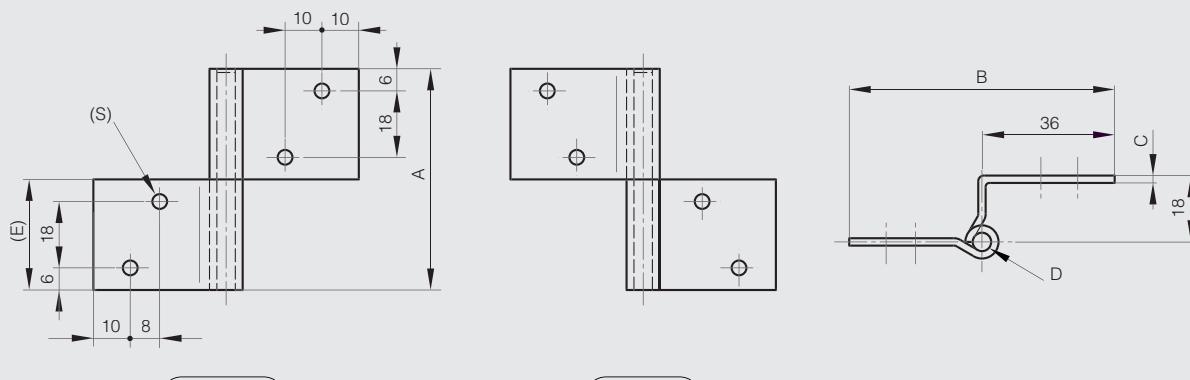
Part number	Material	Finish	A	B	C	D	E	S	Weight (g)
60-1-3620	steel	zinc plated	60	56	1.5	3	10	5	59



Pin hinge with one cranked leaf

270° STAINLESS STEEL ✓ RoHS

Part number	Material	Finish	A	B	C	D	E	S	Note	Weight (g)
12-1-3682	304 stainless steel	raw	60	72	2	5	30	4	type 2	70
12-1-3683	304 stainless steel	raw	60	72	2	5	30	4	type 1	70



Various hinges

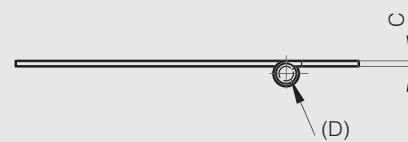
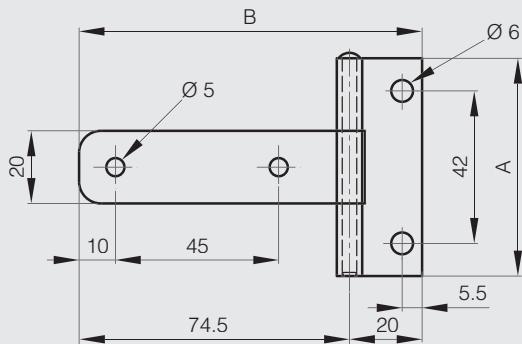
Hinges large width

Stainless steel hinge with removable pin

Removable pin.



Part number	Material	Finish	A	B	C	D	Weight (g)
52-1-3877	304 stainless steel	brightened	60	94.5	1.5	4	50

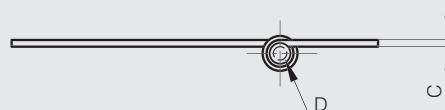
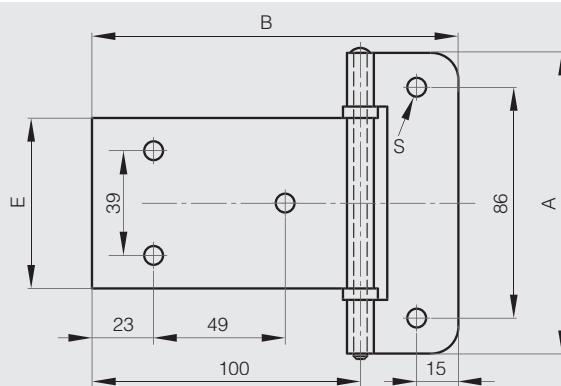


Removable pin hinges with nylon washers

Nylon washers.



Part number	Material	Finish	A	B	C	D	E	S	Note	Weight (g)
50-1-3315	steel	raw	112	136.5	2.5	5	63.5		undrilled	244
52-1-3605	304 stainless steel	raw	112	136.5	2.5	5	63.5		undrilled	248
52-1-3606	304 stainless steel	raw	112	136.5	2.5	5	63.5	7	drilled	248



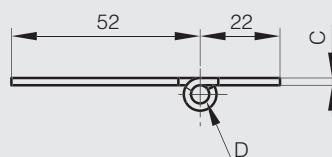
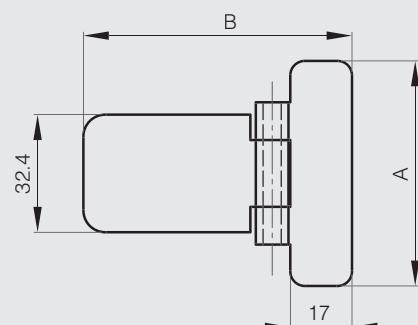
Various hinges

Hinges large width

Hinges 62 x 74 mm

270° STAINLESS STEEL ✓ RoHS

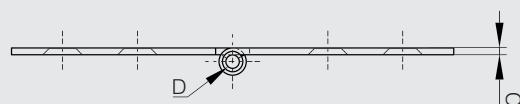
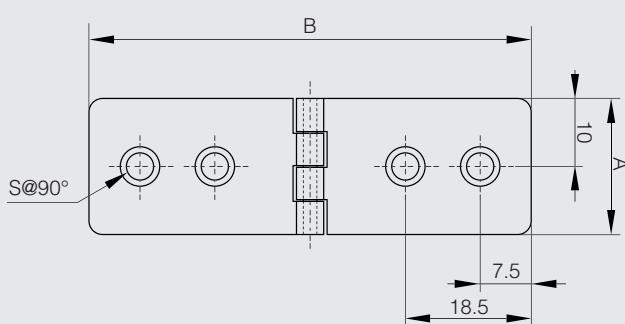
Part number	Material	Finish	A	B	C	D	Weight (g)
50-1-3308	steel	raw	62	74	2	4.9	54
52-1-3769	304 stainless steel	raw	62	74	2	4.9	54



Hinge 20 x 65 mm

270° STAINLESS STEEL ✓ RoHS

Part number	Material	Finish	A	B	C	D	S	Weight (g)
52-1-4013	304 stainless steel	raw	20	65	1	2	4	11



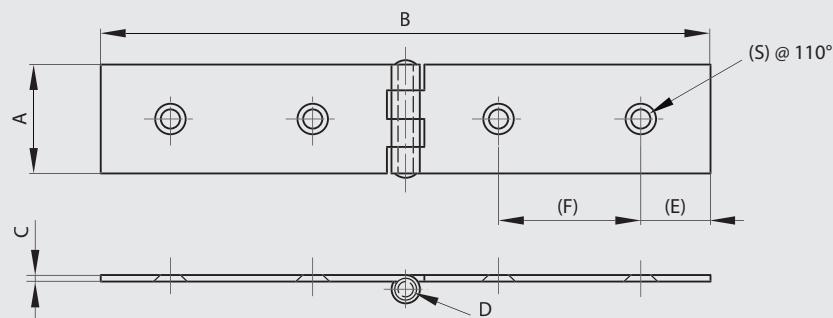
Various hinges

Hinges large width

Hinges 20 x 77mm and 22 x 120 mm



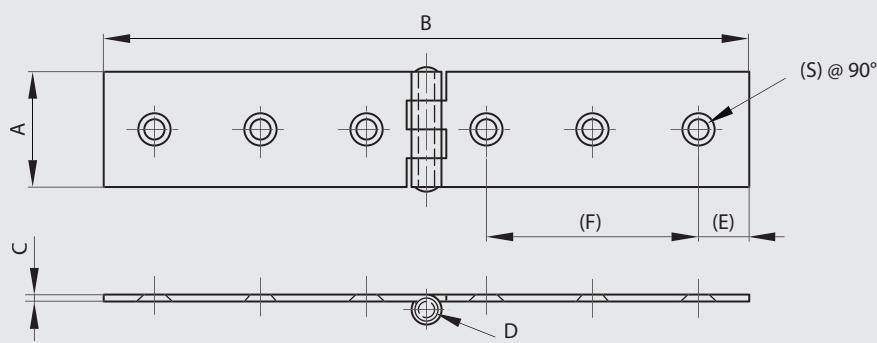
Part number	Material	Finish	A	B	C	D	E	F	S	Weight (g)
50-7-3736	steel	raw	20	77	1.2	3	10	16	3.2	22
50-7-3737	steel	raw	22	120	1.5	5	13.5	30	4.6	36



Hinge 25 x 140 mm



Part number	Material	Finish	A	B	C	D	E	F	S	Note	Weight (g)
50-7-3880	steel	raw	25	140	1.5	3.5	11	46	3.5	riveted pin	45





Various hinges

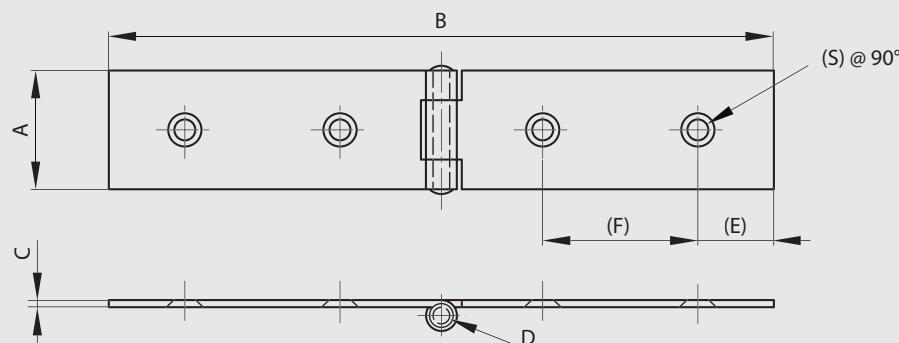
Hinges large width

Hinges 30 x 140 mm

Available drilled or undrilled depending on part numbers.



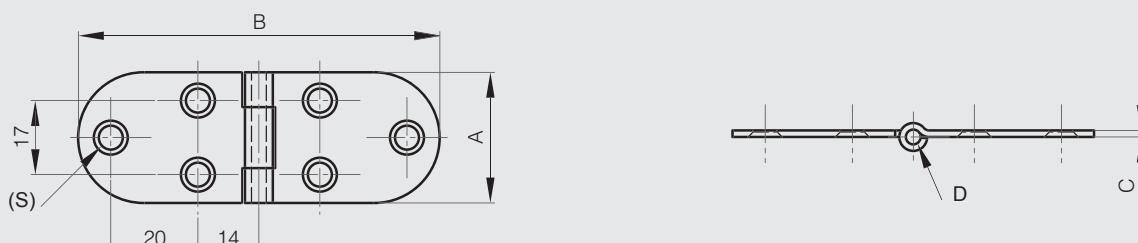
Part number	Material	Finish	A	B	C	D	E	F	S	Note	Weight (g)
50-7-3343	steel	raw	30	140	2.5	6				undrilled	95
50-7-3339	steel	zinc plated	30	140	2.5	6	12.5	35	5.2	drilled	95



Hinge 30 x 83 mm



Part number	Material	Finish	A	B	C	D	S	Weight (g)
50-1-3313	steel	nickel plated	30	83	1.5	3.4	5.5	30



Various hinges

Zinc die-cast hinges

Zinc die-cast hinges 30 mm long

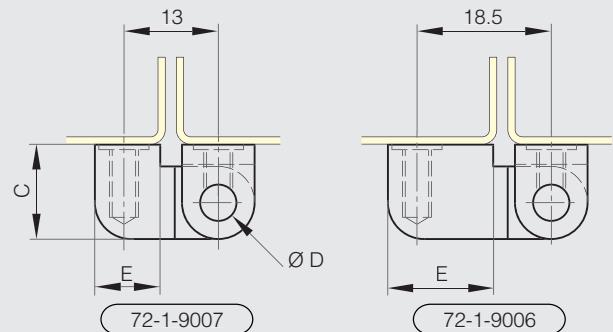
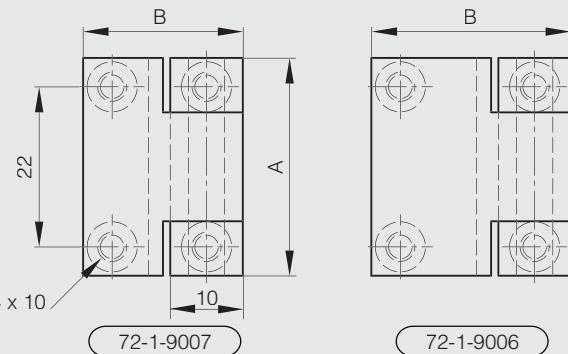
Nickel plated steel pin.



ZAMAK



Part number	Material	Finish	A	B	C	D	E	Weight (g)
72-1-9006	zinc die-cast	black	30	27.5	13	5	14.5	60
72-1-9007	zinc die-cast	black	30	22	13	5	9	42



Zinc die-cast hinge 60 mm long

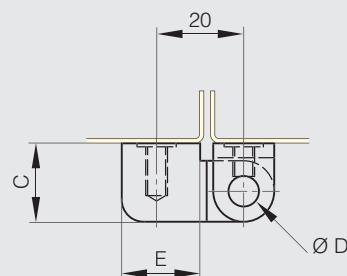
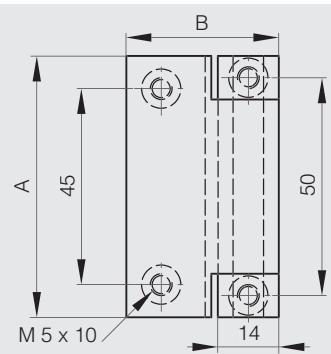
Nickel plated steel pin.



ZAMAK



Part number	Material	Finish	A	B	C	D	E	Weight (g)
72-1-9005	zinc die-cast	black	60	35	18	7	18	170





Various hinges

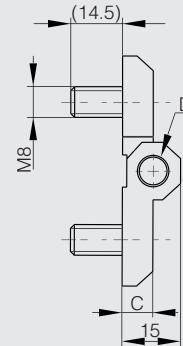
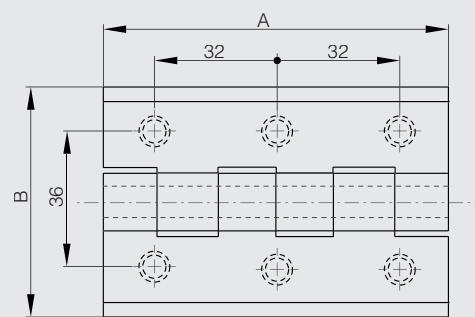
Zinc die-cast hinges

Zinc die-cast hinge 90 x 60 mm

Nickel plated steel pin.



Part number	Material	Finish	A	B	C	D	Weight (g)
72-1-9011	zinc die-cast	black	90	60	8	8	305



Various hinges

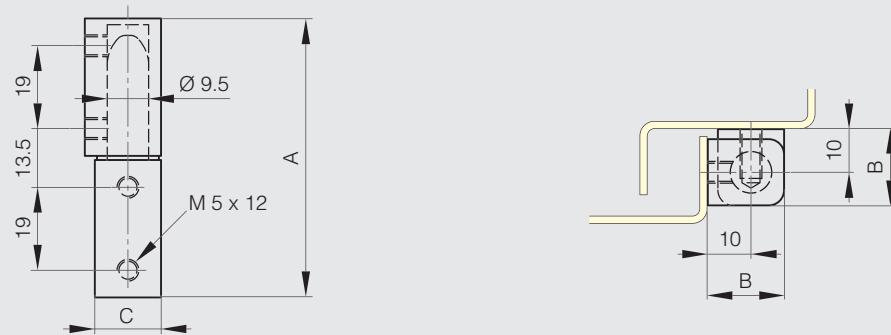
Zinc die-cast hinges

Zinc die-cast pin hinge for surface mounted door A

Nylon washer.



Part number	Material	Finish	A	B	C	Weight (g)
72-1-9004	zinc die-cast	black	64	17.5	15	76

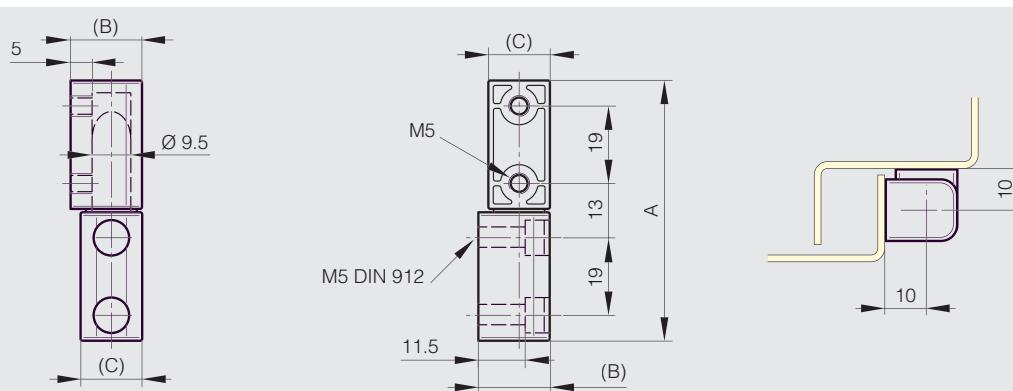


Zinc die-cast pin hinge for surface mounted door B

For M5 screw.



Part number	Material	Finish	A	B	C	Weight (g)
72-7-4168	zinc die-cast	black	63.5	17.5	15.1	80





Various hinges

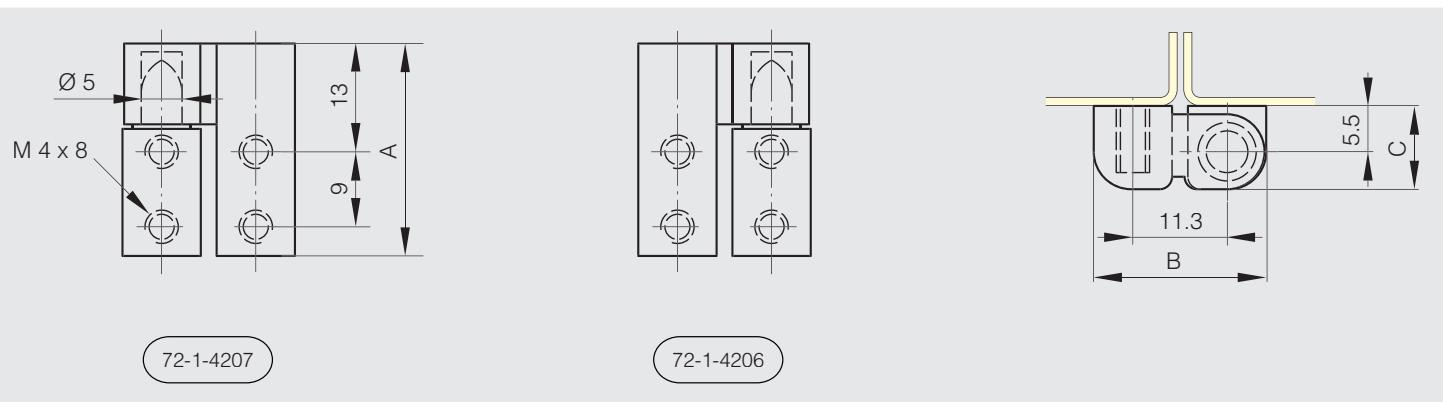
Zinc die-cast hinges

Zinc die-cast lift-off hinges 25.5 mm

Nylon washer.



Part number	Material	Finish	A	B	C	Note	Weight (g)
72-1-4206	zinc die-cast	black	25.5	20.5	10	type 2	30
72-1-4207	zinc die-cast	black	25.5	20.5	10	type 1	30

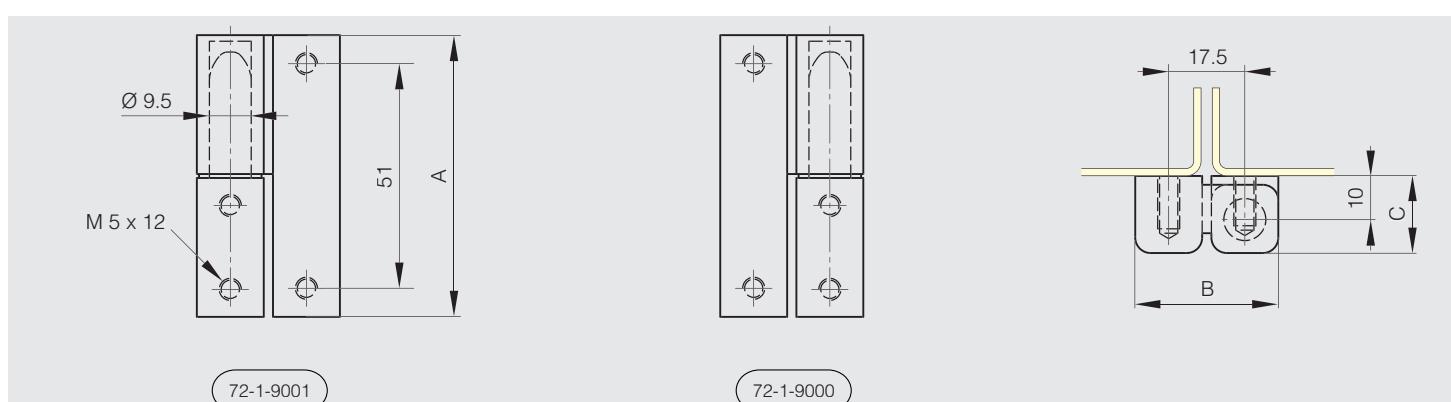


Zinc die-cast lift-off hinges 64 x 33 mm

Nylon washer.



Part number	Material	Finish	A	B	C	Note	Weight (g)
72-1-9000	zinc die-cast	black	64	33	17.5	type 2	140
72-1-9001	zinc die-cast	black	64	33	17.5	type 1	140



Various hinges

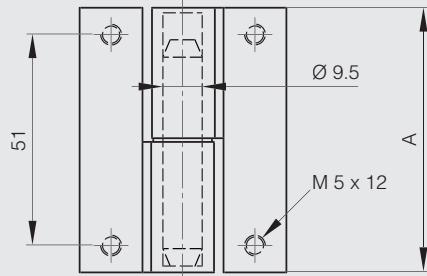
Zinc die-cast hinges

Zinc die-cast lift-off hinges 64 x 50 mm

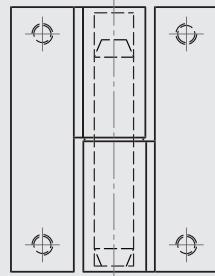
Nylon washer.
Steel pin.



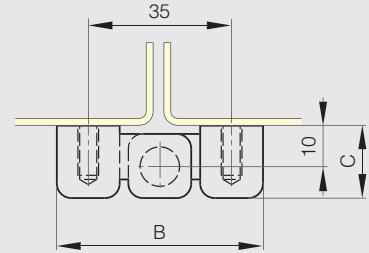
Part number	Material	Finish	A	B	C	Note	Weight (g)
72-1-9002	zinc die-cast	black	64	50	17.5	type 2	230
72-1-9003	zinc die-cast	black	64	50	17.5	type 1	230



72-1-9003



72-1-9002

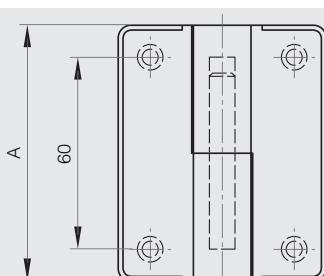


Zinc die-cast lift-off hinges 80 mm

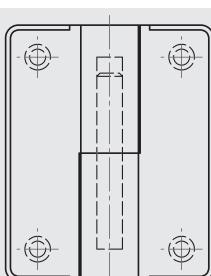
Fixing by 2 threaded studs. Stainless steel pin.
Leaves blocked with grub screw. Unscrew it to get a lift-off hinge.



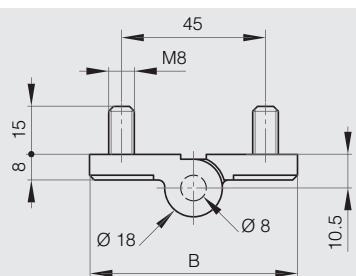
Part number	Material	Finish	A	B	C	D	G	Note	Weight (g)
14-7-3813	zinc die-cast	black	80	65	8	8	60	type 2	330
14-7-3814	zinc die-cast	black	80	65	8	8	60	type 1	330



14-7-3814



14-7-3813





Various hinges

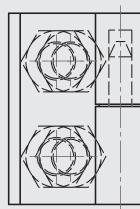
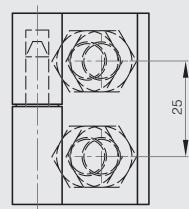
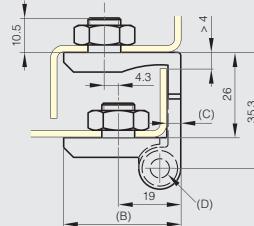
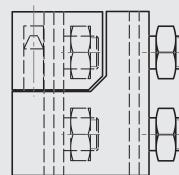
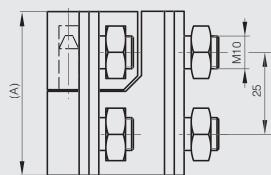
Zinc die-cast hinges

Lift-off hinges for surface mounted door

A full product data sheet is available on our website.



Part number	Material	Finish	A	B	C	D	Note	Weight (g)
72-7-4174	zinc die-cast	black	50	35.7	4	6.4	type 1	230
72-7-4175	zinc die-cast	black	50	35.7	4	6.4	type 2	230



72-7-4174

72-7-4175

Various hinges

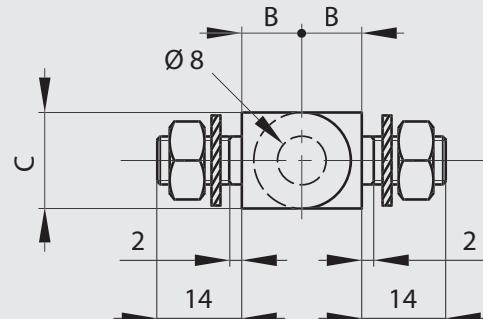
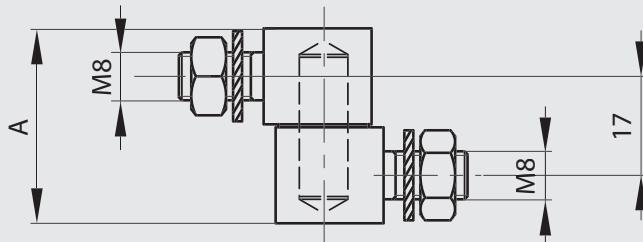
Hinges for surface mounted doors

Bolt-on hinges in 2 parts

With solid brass pin and zinc plated brass washers.



Part number	Material	Finish	A	B	C	Weight (g)
72-1-3858	steel	zinc plated	33	10	16	87

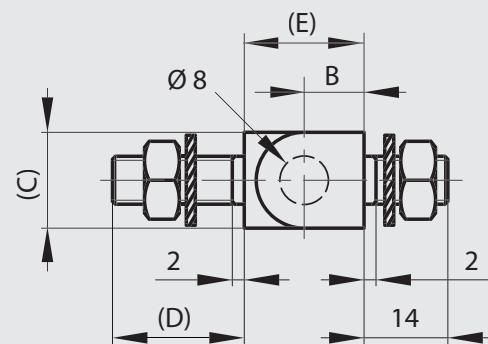
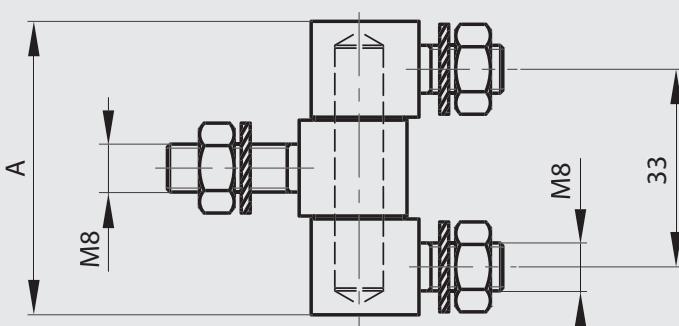


Bolt-on hinges in 3 parts - 49 mm long

With solid brass pin and zinc plated brass washers.



Part number	Material	Finish	A	B	C	D	E	Weight (g)
72-1-3733	steel	zinc plated	49	10	16	22	20	130
72-1-3857	steel	zinc plated	49	10	16	14	22.5	130





Various hinges

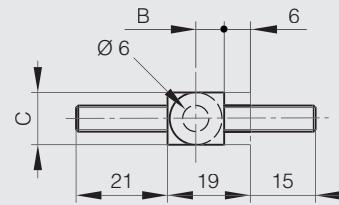
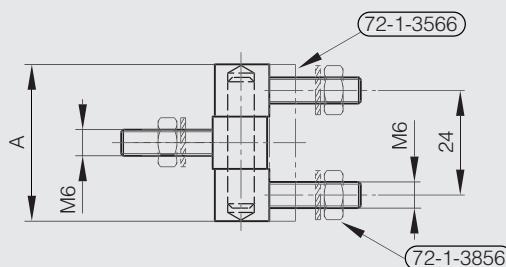
Hinges for surface mounted doors

Bolt-on hinges in 3 parts - 36 mm long

With washers and M6 bolts.



Part number	Material	Finish	A	B	C	Weight (g)
72-1-3856	steel	raw	36	6.5	12	70

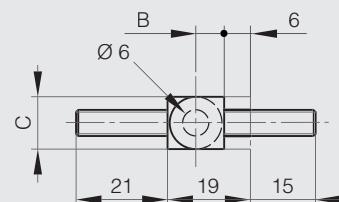
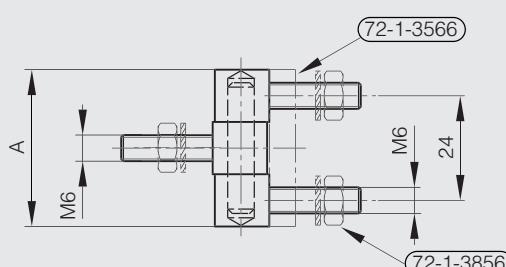


Bolt-on hinges in 3 parts with plate

No washers and no bolts.



Part number	Material	Finish	A	B	C	Weight (g)
72-1-3566	steel	raw	36	6.5	12	63



Various hinges

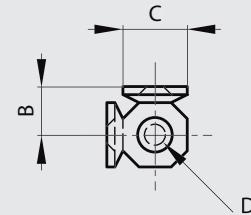
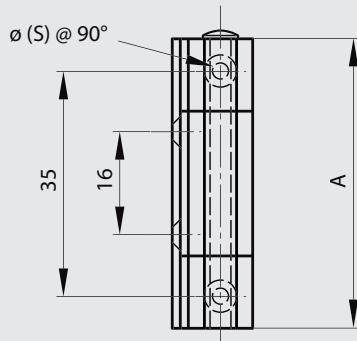
Hinges for surface mounted doors

Brass hinge with removable pin - 3 knuckles

Removable pin in nickel plated steel.



Part number	Material	Finish	A	B	C	D	S	Weight (g)
72-7-3330	brass	chrome plated	45	7.5	10	3.9	2.5	40

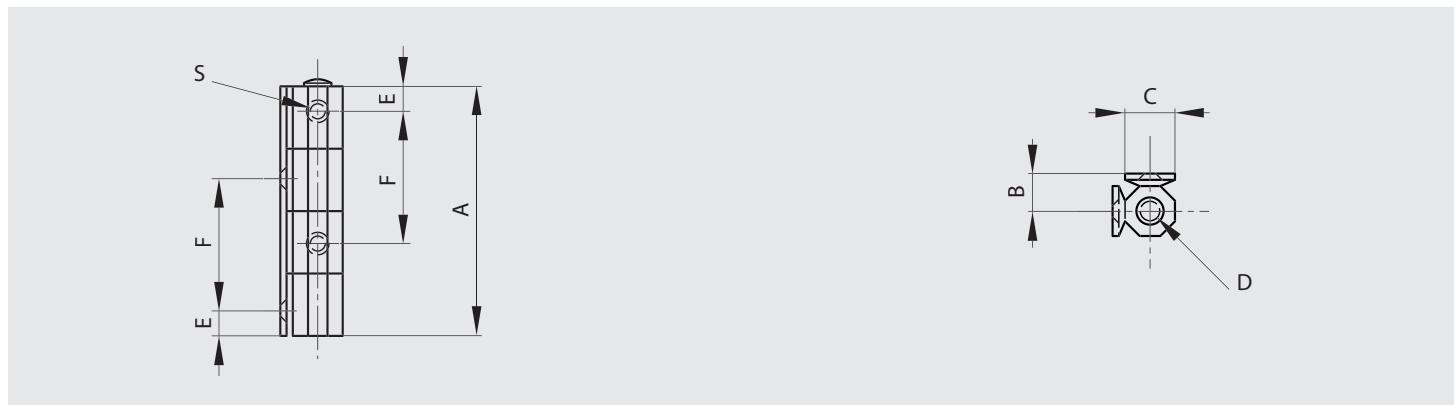
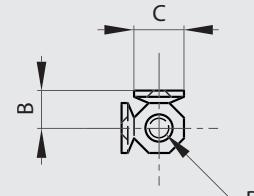
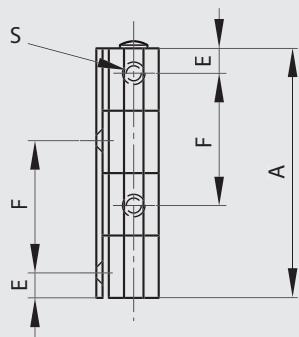


Brass hinges with removable pin - 4 knuckles

Removable pin.



Part number	Material	Finish	A	B	C	D	E	F	S	Pin material	Weight (g)
72-7-3329	brass	chrome plated	40	7.5	10	3.9	5	20	3	nickel plated steel	30
72-7-3331	brass	chrome plated	50	7.5	10	3.9	5	26.5	3	nickel plated steel	50
72-7-3332	brass	chrome plated	80	12	16	7	9.6	40	4.5	chrome plated brass	190



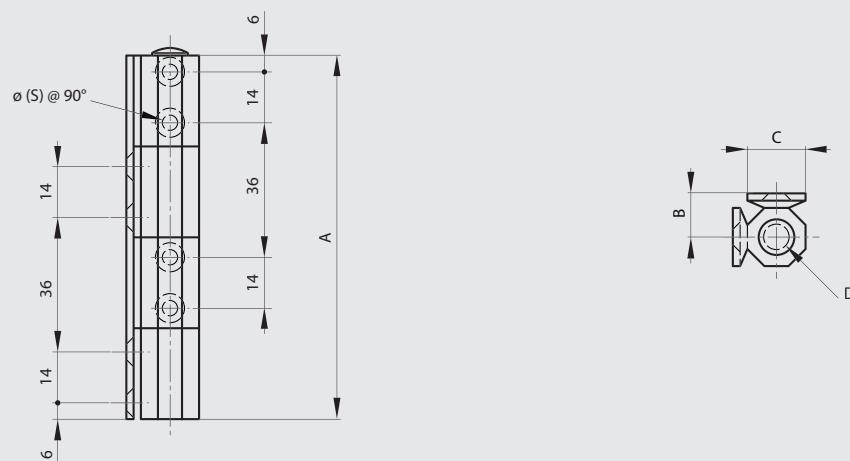


Large brass hinge with removable pin - 4 knuckles

Removable pin in chrome plated brass.



Part number	Material	Finish	A	B	C	D	S	Weight (g)
72-7-3333	brass	chrome plated	100	12	16	7	5	235.7



Various hinges

Various pin hinges

Lift-off hinges in aluminium profile with a stainless steel pin

Stainless steel pin.

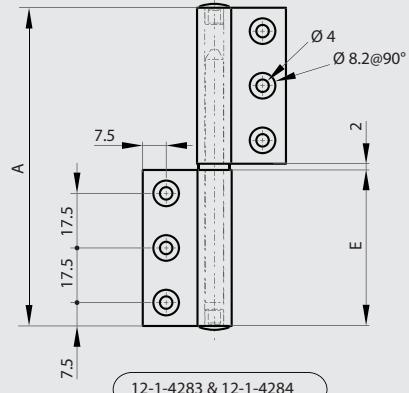
Supplied with polymer caps.



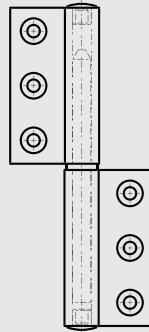
270° ALU



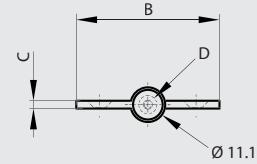
Part number	Material	Finish	A	B	C	D	E	Note	Weight (g)
NEW 12-1-4283	6060 T5 alu	clear anodised	102	45.9	2.5	6.1	50	type 1	50
NEW 12-1-4286	6060 T5 alu	clear anodised	102	45.9	2.5	6.1	50	type 2	50
NEW 12-1-4284	6060 T5 alu	black anodised	102	45.9	2.5	6.1	50	type 1	50
NEW 12-1-4287	6060 T5 alu	black anodised	102	45.9	2.5	6.1	50	type 2	50



12-1-4283 & 12-1-4284



12-1-4286 & 12-1-4287

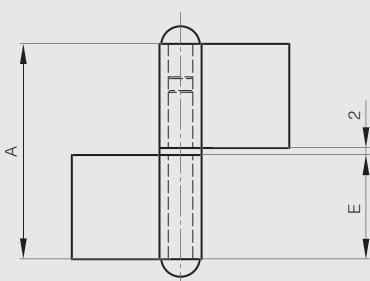


Flag hinge with washer - 62 x 62 mm

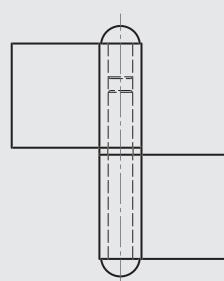
Flag hinge with brass washer.

270° STEEL

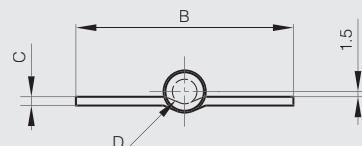
Part number	Material	Finish	A	B	C	D	E	Note	Weight (g)
12-1-3634	steel	raw	62	62	2.5	7	30	type 2	87
12-1-3635	steel	raw	62	62	2.5	7	30	type 1	87



12-1-3635



12-1-3634





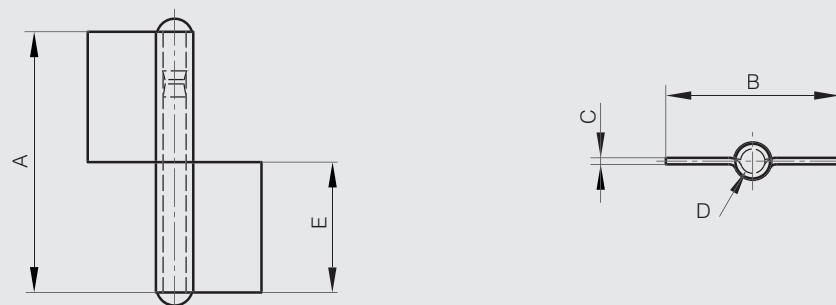
Various hinges

Various pin hinges

Flag hinge without washer with two offset leaves



Part number	Material	Finish	A	B	C	D	E	Weight (g)
12-1-3303	steel	raw	60	40	1.5	5.3	30	38
12-1-3849	steel	raw	80	40	1.5	5.3	40	51
12-1-3304	steel	raw	80	50	2	6	40	74
12-1-3769	304 stainless steel	raw	60	40	1.5	5.3	30	38
12-1-3770	304 stainless steel	raw	80	48	2	6	40	74

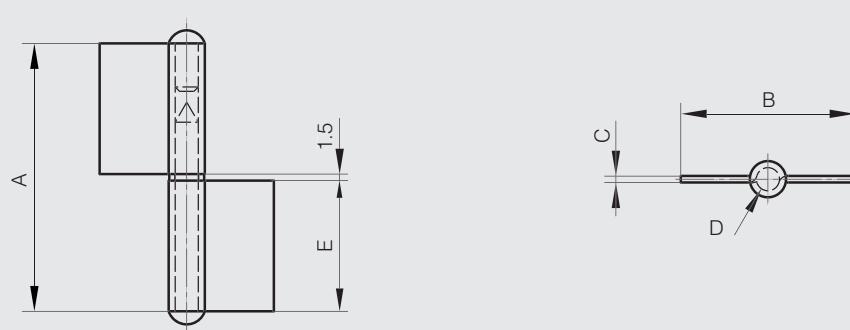


Flag hinge with washer with two offset leaves



Flag hinge with brass washer, included separately.

Part number	Material	Finish	A	B	C	D	E	Weight (g)
12-1-3305	steel	raw	61.5	40	1.5	5.3	30	39
12-1-3306	steel	raw	81.5	50	2	5.8	40	75
12-1-3771	304 stainless steel	raw	61.5	40	1.5	5.3	30	39
12-1-3772	304 stainless steel	raw	81.5	48	2	5.8	40	75



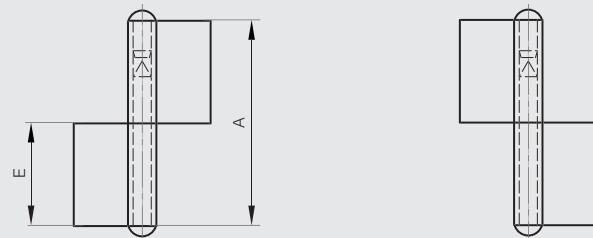
Various hinges

Various pin hinges

Flag hinge without washer - flat knuckle

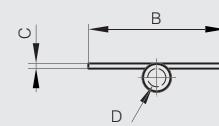


Part number	Material	Finish	A	B	C	D	E	Note	Weight (g)
12-1-3307	steel	raw	60	40	1.5	5.3	30	type 2	39
12-1-3308	steel	raw	60	40	1.5	5.3	30	type 1	39
12-1-3309	steel	raw	80	48	2	5.8	40	type 2	76
12-1-3310	steel	raw	80	48	2	5.8	40	type 1	76



12-1-3308 & 12-1-3310

12-1-3307 & 12-1-3309

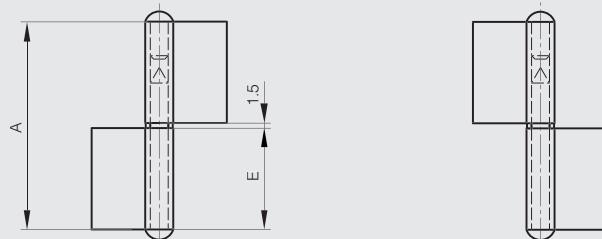


Flag hinge with washer - flat knuckle



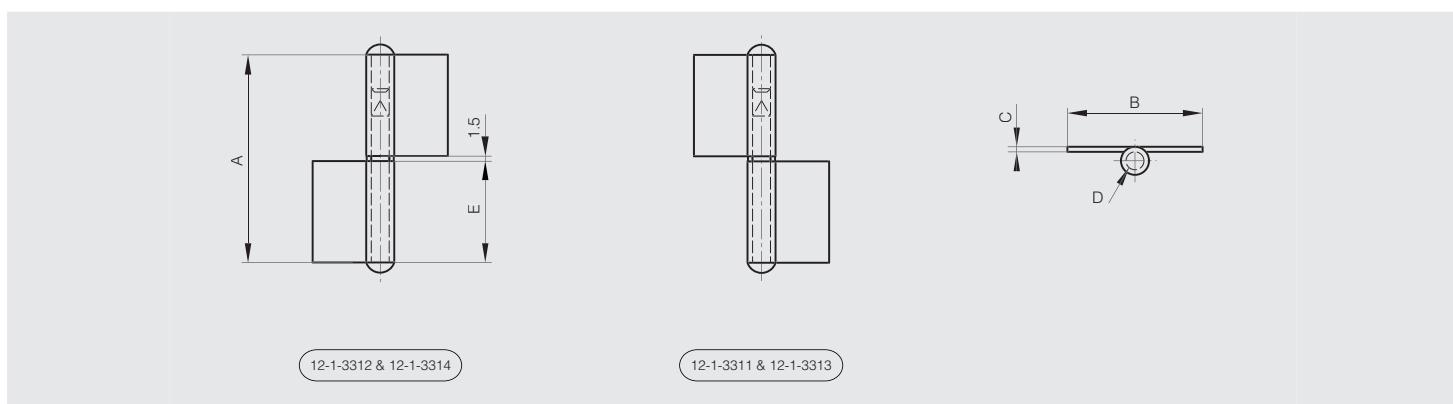
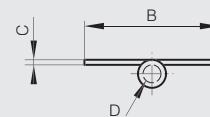
Flag hinge with brass washer, included separately.

Part number	Material	Finish	A	B	C	D	E	Note	Weight (g)
12-1-3311	steel	raw	61.5	40	1.5	5.3	30	type 2	40
12-1-3312	steel	raw	61.5	40	1.5	5.3	30	type 1	40
12-1-3313	steel	raw	81.5	48	2	5.8	40	type 2	77
12-1-3314	steel	raw	81.5	48	2	5.8	40	type 1	77



12-1-3312 & 12-1-3314

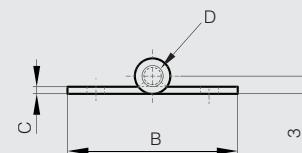
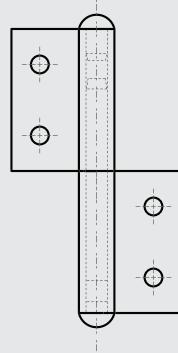
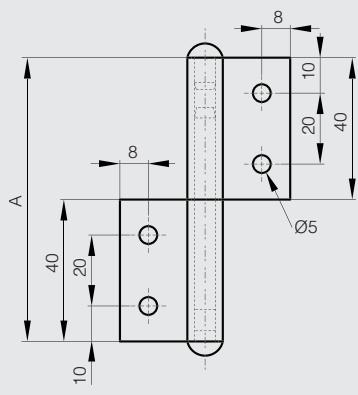
12-1-3311 & 12-1-3313



Flag hinge without washer - drilled - flat knuckle



Part number	Material	Finish	A	B	C	D	Note	Weight (g)
NEW 12-1-4258	304 stainless steel	raw	80	48	2	6	type 1	76
NEW 12-1-4285	304 stainless steel	raw	80	48	2	6	type 2	76



Various hinges

Other various hinges

Glass door hinge in brushed stainless steel

Supplied with EPDM gasket.

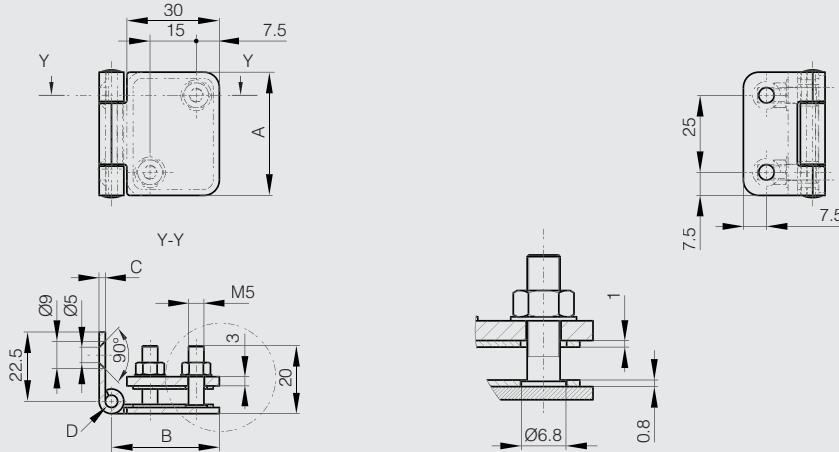
Included stainless steel bolts and stainless steel washers.



180° STAINLESS STEEL

RoHS

Part number	Material	Finish	A	B	C	D	Weight (g)
NEW 52-1-4040	304 stainless steel	brushed	40	35	2	4	80



Glass door hinge in stainless steel

Hinge for glass / acrylic doors (PMMA).

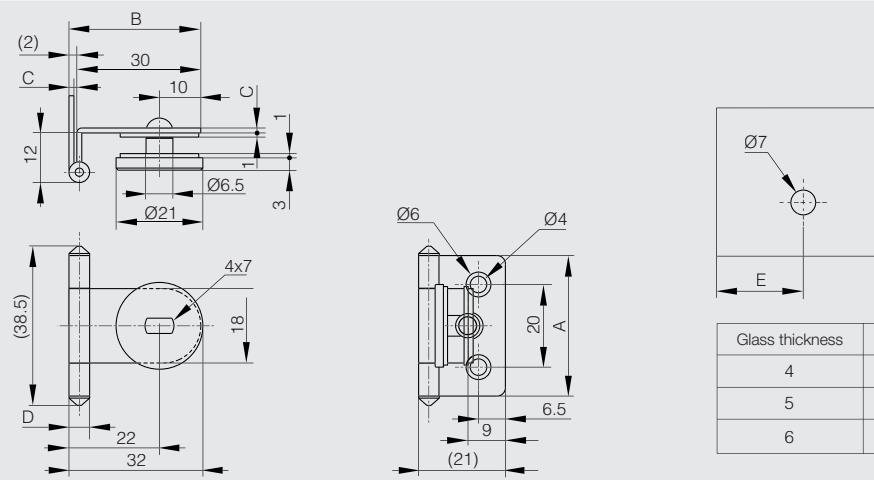
Door thickness: 4 - 6 mm.

Door weight: max. 4 kg / pair.

Leaves, pin and screw in 304 stainless steel. Plate in aluminium alloy, washer in chloroethylene.

180° STAINLESS STEEL

Part number	Material	Finish	A	B	C	D	Weight (g)
72-7-4254	304 stainless steel	raw	34	32	1.2	5	15



Glass door hinge in brass

Hinge delivered in separate parts including:

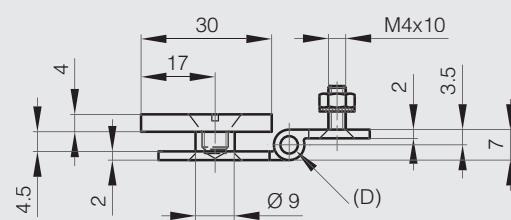
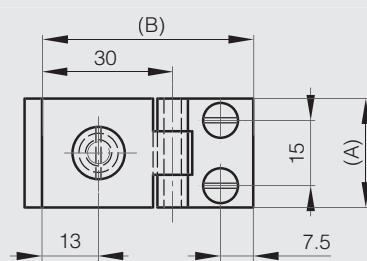
- Brass hinge 25 x (30 + 18.5).
- Brass plate 25 x 30.
- Countersunk screw M6 and connector in brass.
- 2 countersunk screws M4 x 10 in steel.
- 2 brown steel washers.
- 2 M4 steel bolts.

Glass thickness: 5mm max.

180° BRASS



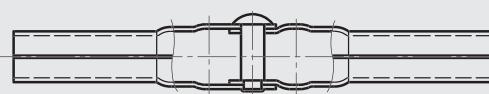
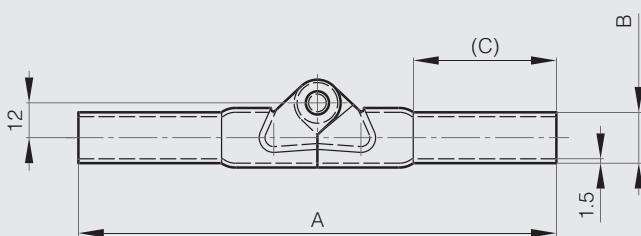
Part number	Material	Finish	A	B	D	Pin material	Weight (g)
72-1-3753	brass	black zinc plated	25	48.5	4	stainless steel	53



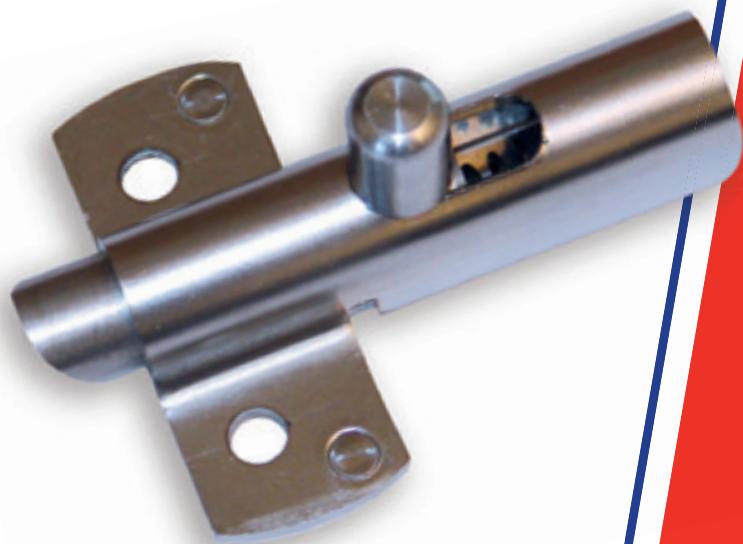
Tube hinge

180° STEEL ✓ RoHS

Part number	Material	Finish	A	B	C	Note	Weight (g)
70-1-3526	steel	zinc plated	164	16.9	49	no stop	100



LATCHING SYSTEMS



SLAM LATCHES

NEW		Slam latch in stainless steel - bolt "nose-up"	184
NEW		Slam latch in stainless steel - bolt "nose-down"	184
		Springloaded latches - bolt "nose-up"	185
		Springloaded latches - bolt "nose-down"	185
		Strikes for latches with dimension A = 35, 50 and 70 mm	186
		Springloaded bolt - reversible bolt	186
NEW		Low-profile slam latch	187
NEW		Lockable low-profile slam latch	187
		Paddle latches 68.5 x 84 mm	188
		Hooked cam	188

SPRING LOADED LATCHES

NEW		Springloaded bolt	189
		Springloaded latch with round bolt	189
		Concealed springloaded pin hinges A	190
		Concealed springloaded pin hinges B	190

NEW		Springloaded bolt with locking system in aluminium	191
		Springloaded bolt with locking system A	191
NEW		Springloaded bolt with locking system B	192
		Push barrel bolt	192

COMPRESSION LATCHES

		Mini compression latch - lift and turn	193
		Compression latches with or without key - lift and turn	194
		Lockable compression latch	195
		Flush compression latch with or without key	195
		Vector T-handle - screw mounted	196
		Vector T-handle - rivet mounted	196
NEW		Vector 2 T-handle with mounting bracket - chrome plated with fixed cam	197
NEW		Vector 2 T-handle with mounting bracket - black version with adjustable cam	197

ROTARY LOCKS

		Clip'n Turn - Clip-on quarter turn with slotted shape	198
		Clip'n Turn - Clip-on quarter turn with wing head	199

Quarter turn with wing knob **200**Latch **200**Lockable flush pop-out
T-handle **201**Cylinder lock **201**Budget latches - square 4x4 **202**Budget latch - square 6x6 -
stainless steel **202**Spring budget latch **203**Strike for spring budget latch
16-1-4031 **203**Budget latches - square 8x8 **204**Plastic budget latch with
strike plate **204**Common key for budget
latches **205**Catch plate for part number
72-7-3726 **208**

MECHANICAL CATCHES

Dual ball catches A **209**Dual ball catches B **209**

NEW

Stainless steel dual ball
catches **210**Zinc die-cast dual ball
catches **210**Ball catches **211**Roller catch without
counterplate **212**Counterplates for part
number 16-1-3594 **212**Catch **213**Counterplate for part number
16-1-3271 **213**Touch latch in steel **214**Touch latch with steel strike **214**Mini touch latch -
snap-in installation **215**Snap-in counter plate
for part number 16-7-4302 **215**Screw mount counter plate
for part number 16-7-4302 **216**

BARREL BOLTS AND HASPS

NEW

Barrel bolt in aluminium **206**Barrel bolt in stainless steel **206**Barrel bolt in brass **207**Chrome plated brass hasp **208**

NEW		Touch latch - Snap-in installation	216		Screw-on magnetic catch without counterplate - force 4 kg	225
NEW		Counter plate for part number 16-7-4300	217		Counter plate for magnetic catch 16-7-3390	225
NEW		Touch latch - Screw mounting - With counter plate	217		Screw-on magnetic catches with counterplate - force 4 kg	226
NEW		Touch latch - Screw mounting - Strong retaining force	218		Screw-on magnetic catches with counterplate - force 4 kg - high temperature resistance	226
		Snap-in knuckle catch in plastic	219		Screw-on magnetic catch with counterplate - force 4 kg	227
		Plastic catch	219		Screw-on magnetic catches with counterplate - force 3 to 6 kg	227

MAGNETIC CATCHES

		Sealed compact magnetic catch	220		Screw-on magnetic catches with counterplate - force 8 kg - high temperature resistance	228
		Counterplate for sealed magnetic catch 16-7-4204	220		Screw-on magnetic catch without counterplate - force 12 kg	228
		Sealed magnetic catch	221		Counter plate for magnetic catch 16-7-3672	229
		Counterplate for sealed magnetic catch 16-7-4081 and 16-7-4206	221		Screw-on magnetic catch with counter plate - force 7 kg	229
		Ultra thin compact magnetic catch	222		Screw-on magnetic catch without counter plate - force 14 kg	230
NEW		Compact magnetic catch	222		Snap-in magnets without counterplate	231
		Low profile magnetic catch	223		Snap-in magnets	231
NEW		Mini screw-on magnetic catch with counter plate - force 3 kg	224		Counterplates for snap-in magnets	232
		Screw-on magnetic catch with counterplate - force 3 kg	224		Housing	232

	Flush magnet with high temperature resistance - force 4 kg	233
	Flush compact magnetic catch without counterplate - force 5 kg	233
	Flush compact magnetic catch without counterplate - force 4.2 kg	234
	Flush compact catch without counterplate - high temperature resistance	234
	Counter plate for part numbers 16-7-3378, 16-7-3387, 16-7-3490 and 16-7-3651	235
	Self-adhesive magnetic profile	236

TOGGLES LATCHES

	Rotary toggle latches	237
	Spring loaded rotary toggle latches	237
	Padlockable rotary toggle latches	238
	Lockable toggle latch without strike	239
	Strikes for part numbers 16-1-4050, 16-1-4257 and 16-7-9024	239
	Zinc die-cast toggle latches with or without lockable options	240
	Zinc die-cast toggle latch with lockable options	240
	Soft toggle latch	241
	Large soft toggle latch	241

	Flexible T-handle latch	242
	Mini toggle latch without strike - 30.5 mm	242
	Toggle latches without strike - 50 mm	243
	Strikes for part numbers 16-7-3410, 16-7-3525 and 16-7-3527	243
	Toggle latches with strike - 52 mm	244
	Toggle latch without strike - 73.5 mm	244
	Toggle latches without strike - 58.1 mm	245
	Strikes for part numbers 16-7-3875 and 16-7-3876	245
	Toggle latches without strike - 80.2 mm	246
	Strikes for part numbers 16-7-3411 and 16-7-3526	246
	Toggle latch without strike - 89.7 mm	247
	Strike for part number 16-7-3880	247
	Toggle latches without strike - 88.5 mm	248
	Strikes for part numbers 16-7-3508 and 16-7-3829	248
	Other strikes for part numbers 16-7-3508 and 16-7-3829	249
	Other strikes for part number 16-7-3508	249

	Toggle latches without strike (consistent tension)	250		Strikes for part numbers 16-7-3759 and 16-7-3760	258
	Strike for part number 16-7-3891	250		Spring loaded and padlockable toggle latches - 74 mm	259
NEW	Heavy duty toggle latch with strike	251		Strikes for part numbers 16-7-3765 and 16-7-3766	259
	Padlockable toggle latches - 49 mm	252		Spring loaded and padlockable toggle latch - 70.9 mm	260
	Strike for part number 16-7-3394	252		Strike for part number 16-7-3917	260
	Padlockable toggle latch without strike - 65 mm	253		Adjustable toggle latches - padlockable - 70.6 mm	261
	Strike for part number 16-7-3879	253		Strikes for part number 16-7-3938	261
	Padlockable toggle latches - 80.2 mm	254		Adjustable toggle latches with strike - padlockable - 82 mm to 118 mm	262
	Strikes for part numbers 16-7-3723 and 16-7-3724	254		Adjustable toggle latches with strike - padlockable - 174 mm	262
	Padlockable toggle latches - 80.5 mm	255		Spring loaded toggle latch without strike 35.8 mm	263
	Strike for part numbers 16-7-3395 and 16-7-3397	255		Strike for part number 16-7-3906	263
	Padlockable toggle latches - 97.6 mm	256		Spring loaded toggle latches without strike - 70.8 mm	264
	Strikes for part numbers 16-7-3883 and 16-7-3884	256		Spring loaded toggle latch without strike - with push button	264
	Padlockable toggle latch - 122 mm	257		Strikes for part numbers 16-7-3910, 16-7-3911, 16-7-3918 and 16-7-3920	264
	Strike for part number 16-7-3664	257		Spring loaded toggle latches without strike - 52 mm	265
	Spring loaded and padlockable toggle latches - 52 mm	258		Strikes for part numbers 16-7-3735 and 16-7-3736	265

	Spring loaded toggle latches without strike - 74 mm	266		Adjustable toggle latches with secondary lock without strike	274
	Strikes for part numbers 16-7-3745, 16-7-3747 and 16-7-3748	266		Strike for part number 16-1-4231	275
	Spring loaded toggle latches without strike - 108 mm	267		Other strikes for part number 16-1-4231	275
	Strikes for part numbers 16-7-3400 and 16-7-3402	267		Toggle latch without strike 62.5 mm	276
	Other strikes for part numbers 16-7-3400 and 16-7-3402	268		Toggle latch without strike - 63.6 mm	276
	Adjustable toggle latches with secondary lock and strike	269		Toggle latches without strike - 64 mm	277
	Adjustable toggle latch with strike - 60 mm	269		Toggle latches without strike - 67.6 mm	277
	Adjustable toggle latches without strike 70.6 mm	270		Toggle latch without strike - 93.2 mm	278
	Strikes for part numbers 16-7-3932, 16-7-3933 and 16-7-3934	270		Toggle latch without strike - 106 mm	278
	Adjustable toggle latches with strike 82 mm and 103 mm long	271		Hooked toggle latch without strike	279
	Adjustable toggle latches with strike 118 mm	271		Alternative strike for toggle latches	280
	Adjustable toggle latch without strike - 119.1 mm	272			
	Strike for part number 16-7-3941	272			
	Adjustable toggle latches with strike 88 mm	273			
	Adjustable toggle latch with strike - 135 mm	273			
	Adjustable toggle latches with strike 138 mm	274			



Slam latches

Small slam latches

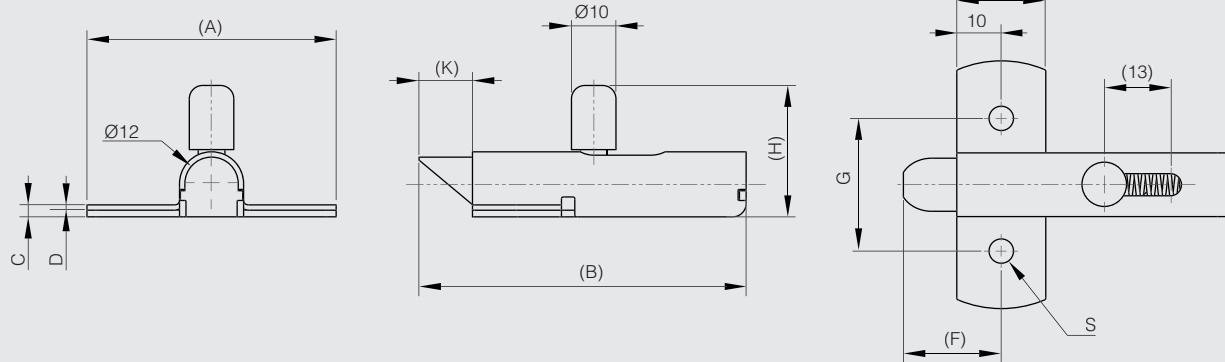
Slam latch in stainless steel - bolt "nose-up"

Stainless steel slam latch.



STAINLESS
STEEL
RoHS

Part number	Material	Finish	A	B	C	D	E	F	G	H	K	S	Weight (g)
NEW 16-1-4265	304 stainless steel	raw	56	73.5	2.7	1.2	20	22	30	29.7	12	5.5	87



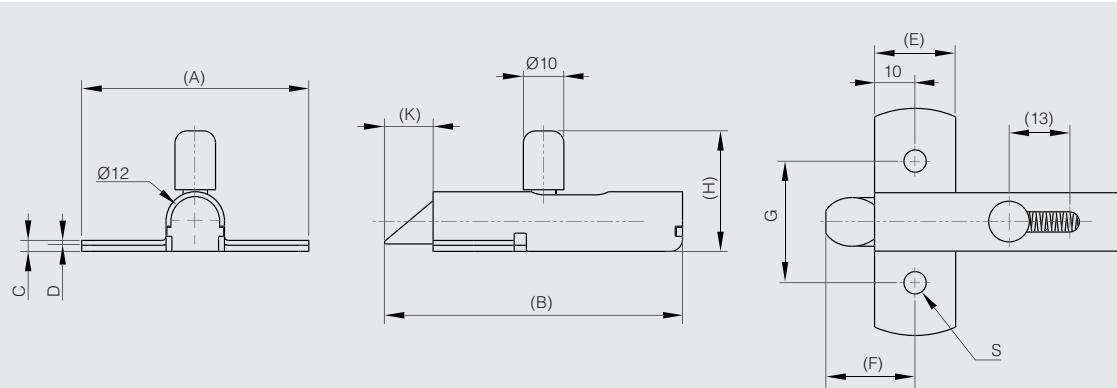
Slam latch in stainless steel - bolt "nose-down"

Stainless steel slam latch.



STAINLESS
STEEL
RoHS

Part number	Material	Finish	A	B	C	D	E	F	G	H	K	S	Weight (g)
NEW 16-1-4282	304 stainless steel	raw	56	73.5	2.7	1.2	20	22	30	29.7	12	5.5	87





Slam latches

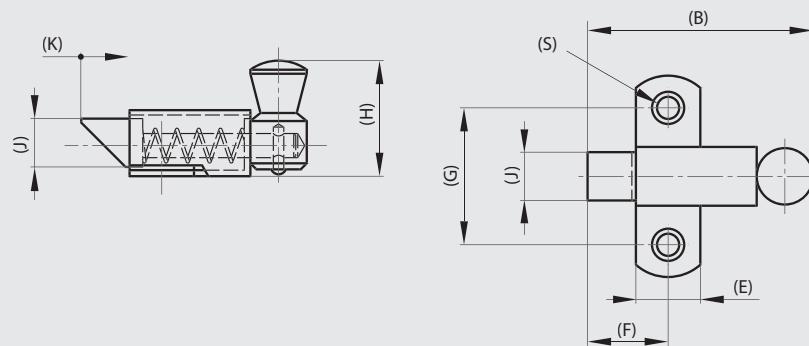
Small slam latches

Springloaded latches - bolt "nose-up"

Slam latches.

BRASS **STEEL**

Part number	Material	Finish	A	B	C	D	E	F	G	H	J	K	S	Weight (g)
16-1-3625	steel	zinc plated	35	36.5	1.2	1	11	13.5	23	19	8	8	3.5	20
16-1-3628	steel	zinc plated	50	56	1.5	1.2	16	19	34	29.5	12	11	4.8	71
16-1-3631	steel	zinc plated	70	73	2	1.5	22	28	45	38	16	16	7	129
16-1-3626	brass	chrome plated	35	36.5	1.2	1	11	13.5	23	19	8	8	3.5	24
16-1-3629	brass	chrome plated	50	56	1.5	1.2	16	19	34	29.5	12	11	4.8	75
16-1-3632	brass	chrome plated	70	73	2	1.5	22	28	45	38	16	16	7	163

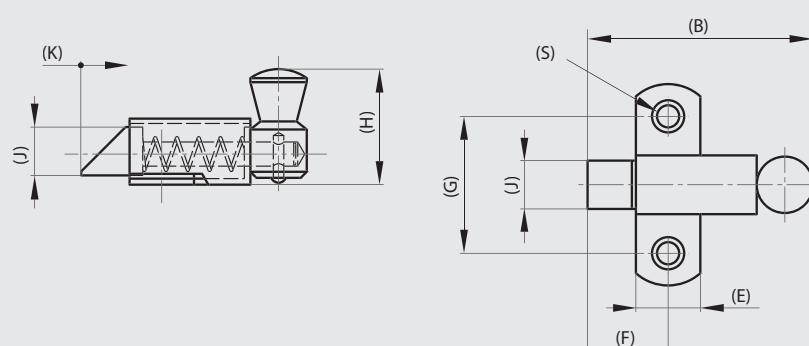


Springloaded latches - bolt "nose-down"

Slam latches.

BRASS **STEEL**

Part number	Material	Finish	A	B	C	D	E	F	G	H	J	K	S	Weight (g)
16-1-3430	steel	zinc plated	35	36.5	1.2	1	11	13.5	23	19	8	8	3.5	20
16-1-3433	steel	zinc plated	50	56	1.5	1.2	16	20	34	29	12	12	4.8	71
16-1-3436	steel	zinc plated	70	73	2.0	1.5	22	28	45	38	16	16	7	129
16-1-3431	brass	chrome plated	35	36.5	1.2	1	11	13.5	23	19	8	8	3.5	24
16-1-3434	brass	chrome plated	50	56	1.5	1.2	16	20	34	29	12	12	4.8	75
16-1-3437	brass	chrome plated	70	73	2.0	1.5	22	28	45	38	16	16	7	163





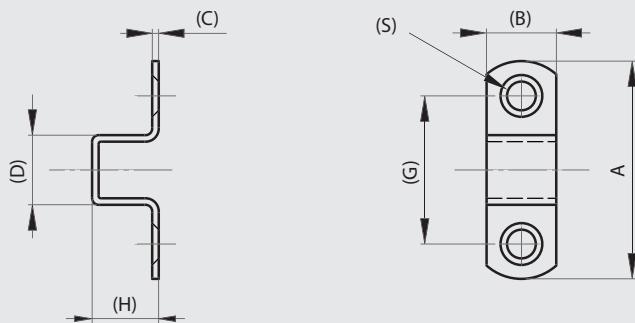
Slam latches

Small slam latches

Strikes for latches with dimension A = 35, 50 and 70 mm

BRASS STEEL ✓
RoHS

Part number	Material	Finish	A	B	C	D	G	H	S	Weight (g)
16-1-3633	steel	zinc plated	35	11	1.2	11.5	23	11.5	3.5	4.5
16-1-3636	steel	zinc plated	50	16	1.5	16	34	16	4.8	12
16-1-3639	steel	zinc plated	68.5	22	2	21	43.5	21	7	32
16-1-3634	brass	chrome plated	35	11	1.2	11.5	23	11.5	3.5	5
16-1-3637	brass	chrome plated	50	16	1.5	16	34	16	4.8	13
16-1-3640	brass	chrome plated	68.5	22	2	21	43.5	21	7	33



Springloaded bolt - reversible bolt

STAINLESS STEEL ✓
STEEL ✓
RoHS

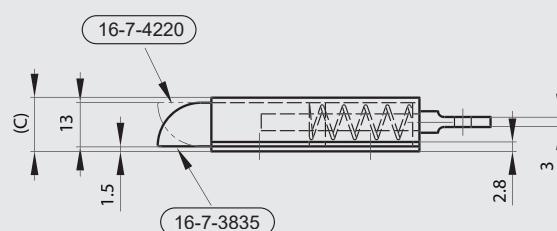
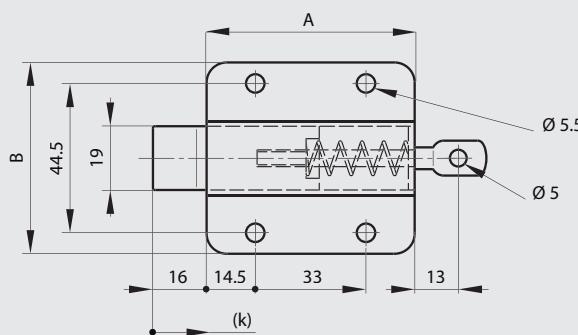
Slam bolt - reversible.

Bolt can be manually unassembled to be positioned 'nose-up' or 'nose-down'.

Minimum load 50 N for full bolt travel.



Part number	Material	Finish	A	B	C	K	Note	Weight (g)
16-7-4220	steel	zinc plated	63.2	57	17.2	7	bolt delivered 'nose-up'	185
16-7-3835	304 stainless steel	raw	63.2	57	17.2	7	bolt delivered 'nose-down'	185





Slam latches

Small slam latches

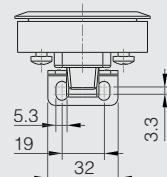
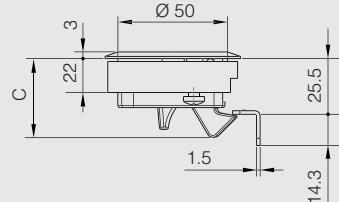
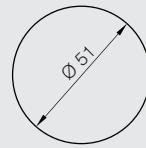
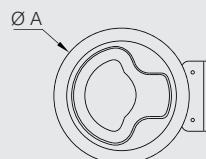
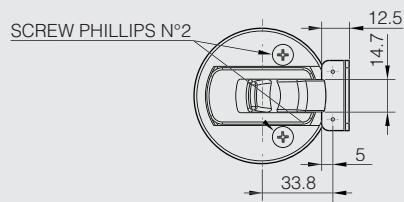
Low-profile slam latch

Material: UL94-HB ABS.



POLYMER
RoHS

Part number	Material	Finish	A	C	Weight (g)
NEW 16-7-4273	polymer	black	61	35.5	58
NEW 16-7-4274	polymer	white	61	35.5	58



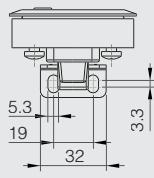
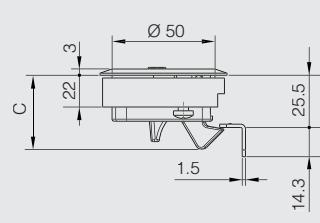
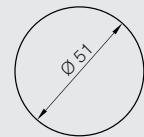
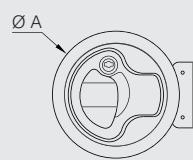
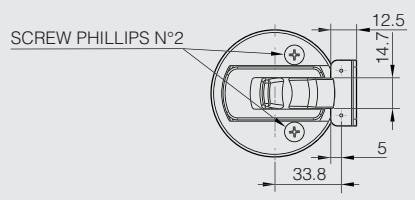
Lockable low-profile slam latch

Material: UL94-HB ABS.



POLYMER
RoHS

Part number	Material	Finish	A	C	Weight (g)
NEW 16-7-4275	polymer	black	61	35.5	58





Slam latches

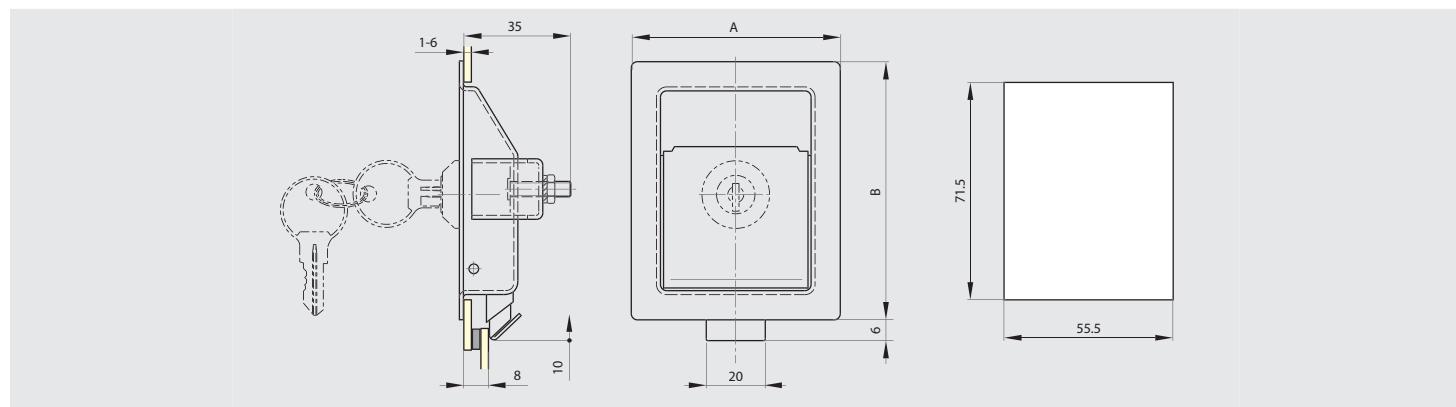
Paddle latches / hooked cam

Paddle latches 68.5 x 84 mm

Available with or without key.
Keyed alike for version with cylinder.

STAINLESS
STEEL STEEL

Part number	Material	Finish	A	B	Note	Weight (g)
16-1-4105	steel	zinc plated	68.5	84	without key	184
16-1-4106	steel	zinc plated	68.5	84	with key	184
16-1-4217	steel	black	68.5	84	without key	184
16-1-4107	304 stainless steel	raw	68.5	84	without key	184
16-1-4108	304 stainless steel	raw	68.5	84	with key	184

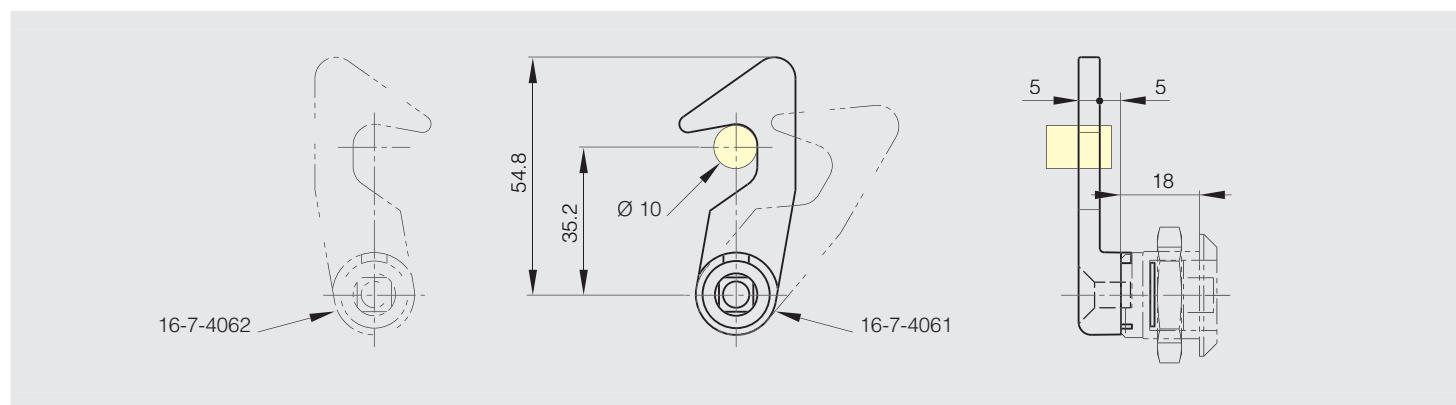


Hooked cam

Hooked cam can be fitted to any standard quarter turn.
A full product data sheet is available on our website.

ZAMAK ✓
RoHS

Part number	Material	Finish	Note	Weight (g)
16-7-4061	zinc die-cast	zinc plated	right	40
16-7-4062	zinc die-cast	zinc plated	left	40





Spring loaded latches

Spring-loaded latches - stop in opening position

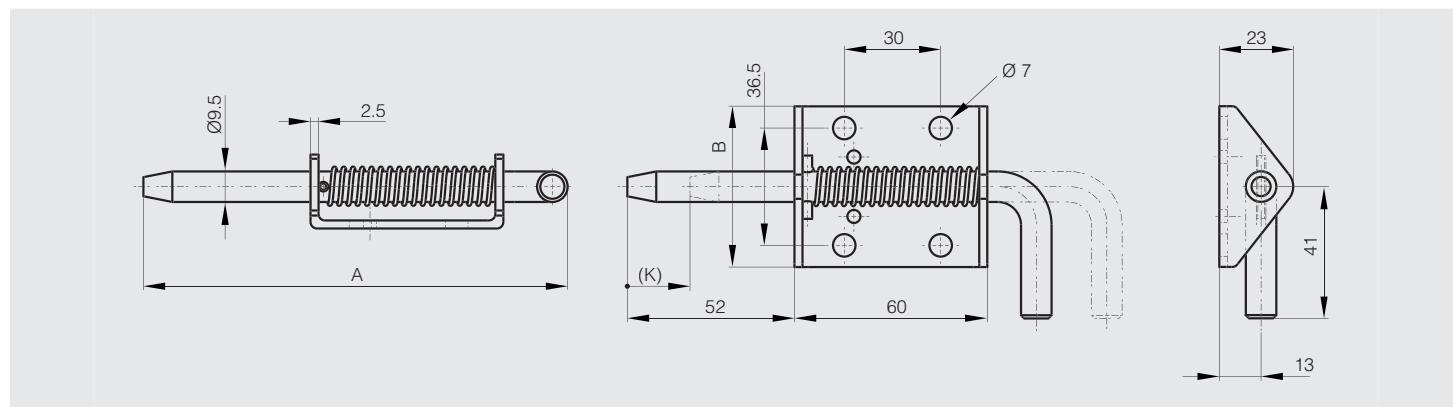
Springloaded bolt

Heavy duty range. No stop when open.



STEEL
RoHS

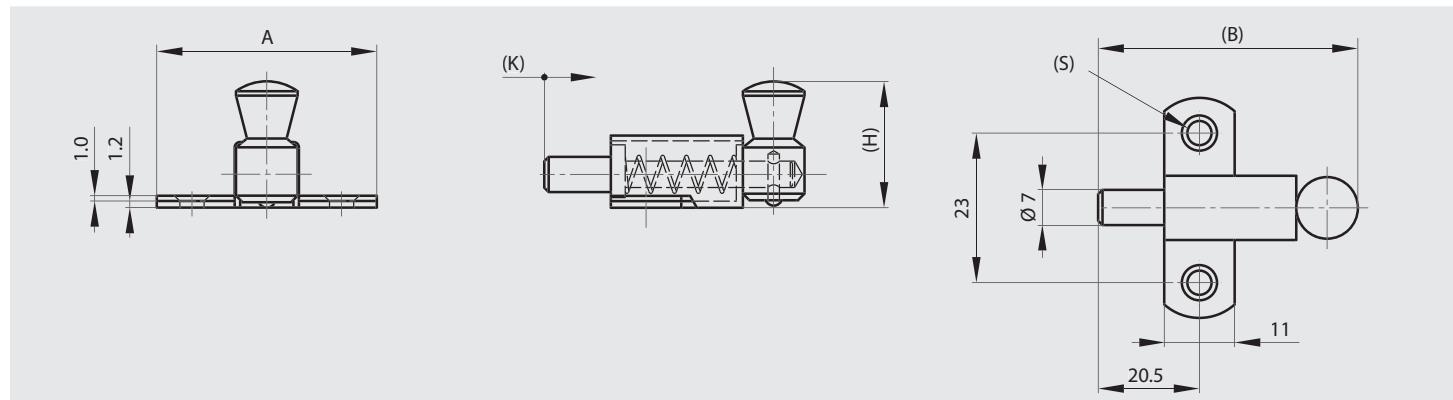
Part number	Material	Finish	A	B	K	Note	Weight (g)
NEW 16-1-9026	steel	zinc plated	132	50	17	no stop	175



Springloaded latch with round bolt

STEEL
RoHS

Part number	Material	Finish	A	B	H	K	S	Weight (g)
16-1-3647	steel	zinc plated	35	43.5	19	10	3.5	21





Spring loaded latches

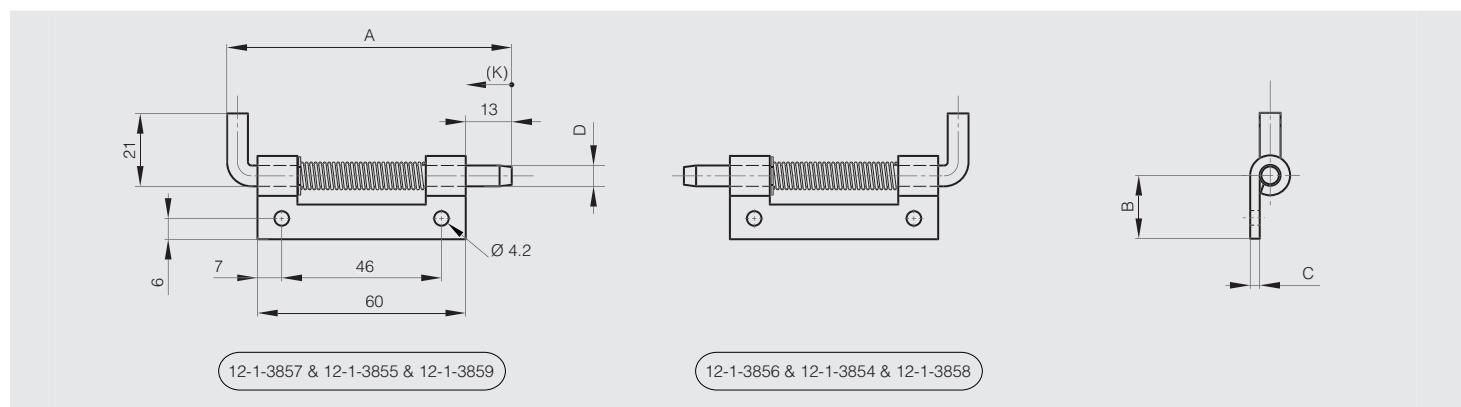
Spring-loaded latches - stop in opening position

Concealed springloaded pin hinges A

Stainless steel spring. Hinges in raw steel and zinc plated steel with a zinc plated pin. Circlip in 1.4122 stainless steel.

STAINLESS
STEEL STEEL ✓
RoHS

Part number	Material	Finish	A	B	C	D	K	Note	Weight (g)
12-1-3856	steel	raw	82	18.2	2.8	6	12	type 2	46.4
12-1-3857	steel	raw	82	18.2	2.8	6	12	type 1	46.4
12-1-3854	steel	zinc plated	82	18.2	2.8	6	12	type 2	46.4
12-1-3855	steel	zinc plated	82	18.2	2.8	6	12	type 1	46.4
12-1-3858	304 stainless steel	raw	82	18.2	2.8	6	12	type 2	46.4
12-1-3859	304 stainless steel	raw	82	18.2	2.8	6	12	type 1	46.4

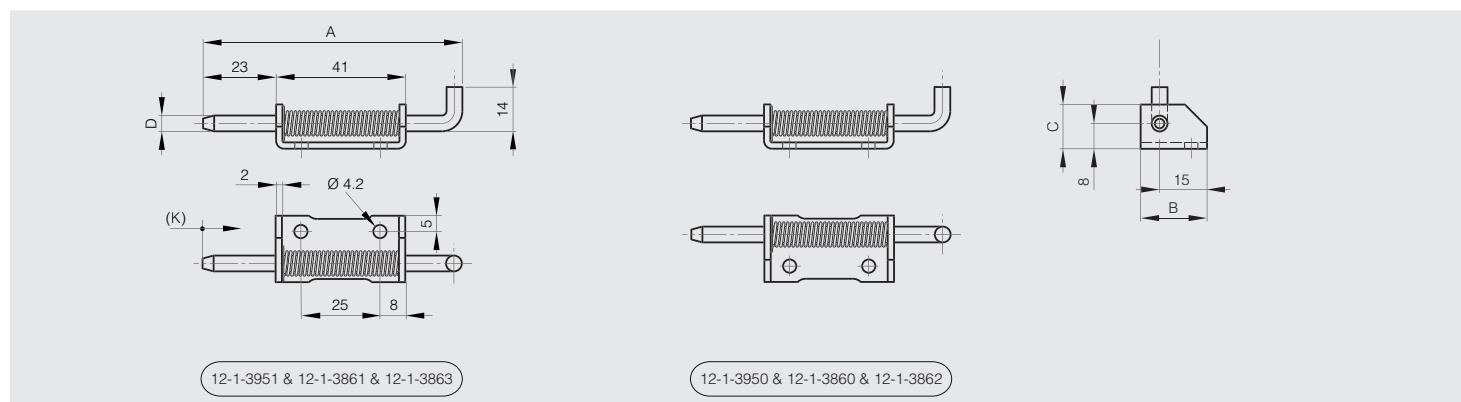


Concealed springloaded pin hinges B

Stainless steel spring. Hinges in raw steel and zinc plated steel with a zinc plated pin. Circlip in 1.4122 stainless steel.

STAINLESS
STEEL STEEL ✓
RoHS

Part number	Material	Finish	A	B	C	D	K	Note	Weight (g)
12-1-3950	steel	raw	82	21	14	5	12	type 2	38.5
12-1-3951	steel	raw	82	21	14	5	12	type 1	38.5
12-1-3860	steel	zinc plated	82	21	14	5	12	type 2	38.5
12-1-3861	steel	zinc plated	82	21	14	5	12	type 1	38.5
12-1-3862	304 stainless steel	raw	82	21	14	5	12	type 2	38.5
12-1-3863	304 stainless steel	raw	82	21	14	5	12	type 1	38.5





Spring loaded latches

Spring-loaded latches - stop in opening position

Springloaded bolt with locking system in aluminium

Stop when open.

Body: clear anodised aluminium.

Shaft and handle: raw aluminium.

Cap: PE, black.

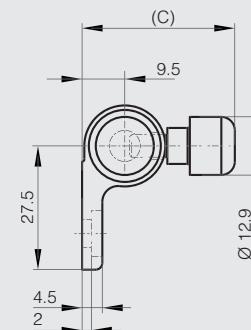
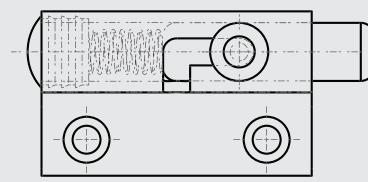
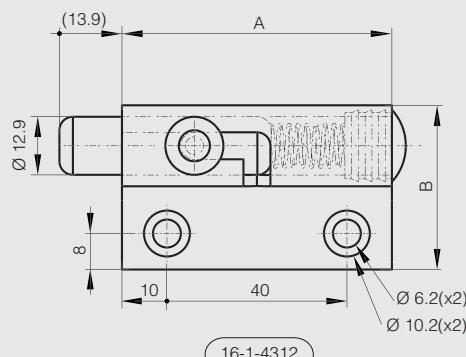
Spring: stainless steel.



ALU
RoHS



Part number	Material	Finish	A	B	C	Note	Weight (g)
NEW 16-1-4312	6060 T5 alu	clear anodised	60	37	33.5	type 2	58
NEW 16-1-4313	6060 T5 alu	clear anodised	60	37	33.5	type 1	58

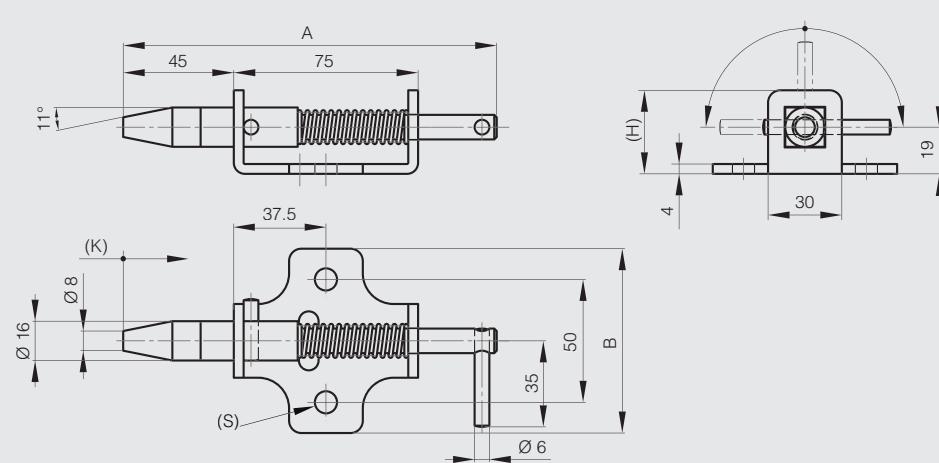


Springloaded bolt with locking system A

Heavy duty range. Stop when open.

STEEL
RoHS

Part number	Material	Finish	A	B	H	K	S	Weight (g)
16-1-4034	steel	zinc plated	152	75	34	20	9	340





Spring loaded latches

Spring-loaded latches - stop in opening position

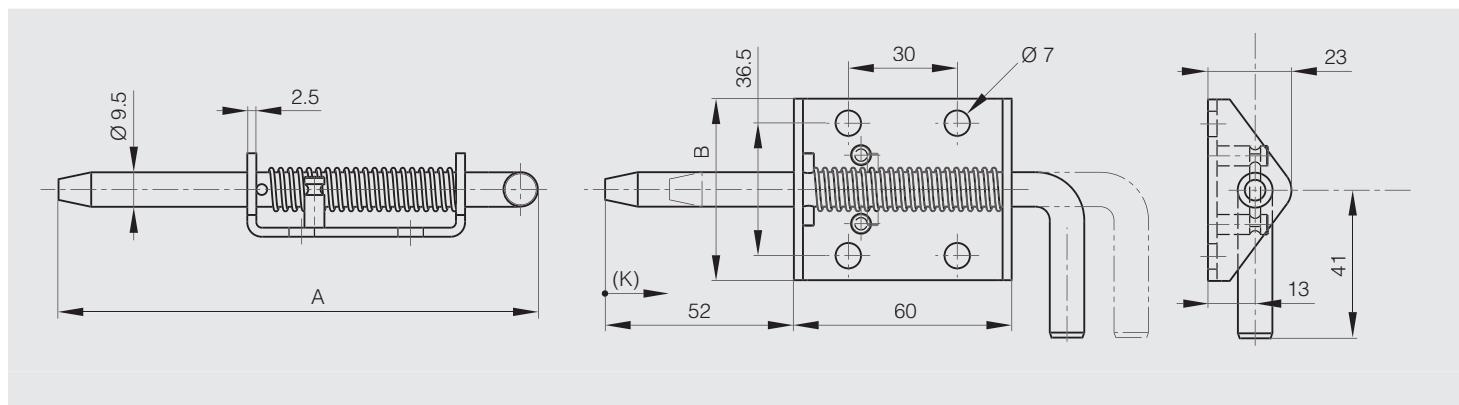
Springloaded bolt with locking system B

Heavy duty range. Stop when open.



STAINLESS
STEEL STEEL ✓
RoHS

Part number	Material	Finish	A	B	K	Weight (g)
16-1-9007	steel	zinc plated	132	50	17	175
NEW 16-1-9025	304 stainless steel	raw	132	50	17	170

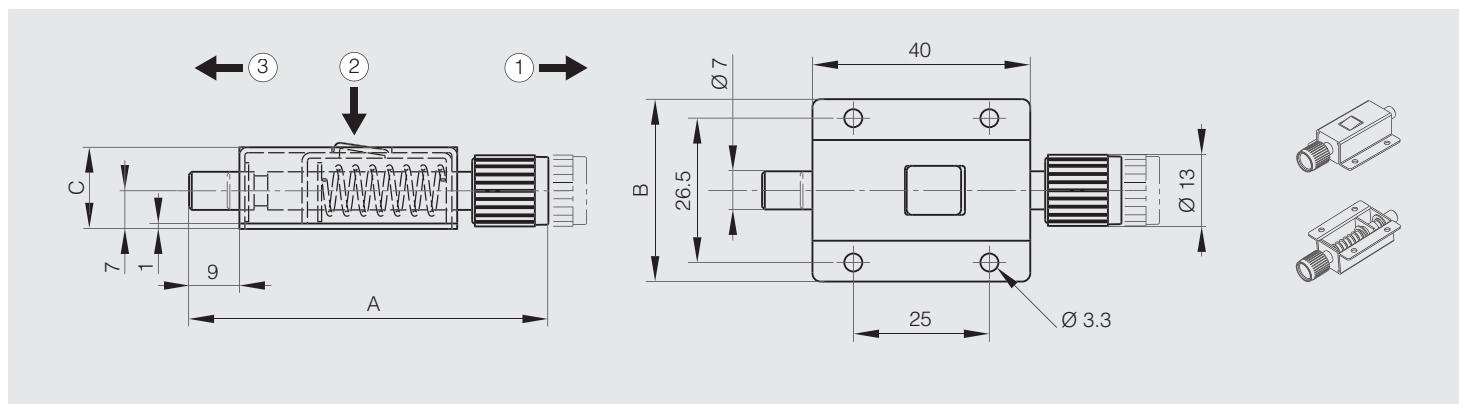


Push barrel bolt

Stainless steel latch with steel shaft and plastic button.

STAINLESS
STEEL ✓
RoHS

Part number	Material	Finish	A	B	C	Weight (g)
16-1-9008	stainless steel	raw	64	33.5	15	44





Compression latches

Compression latches

Mini compression latch - lift and turn

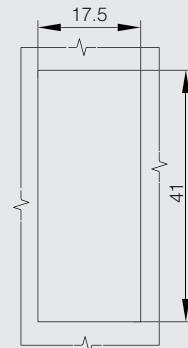
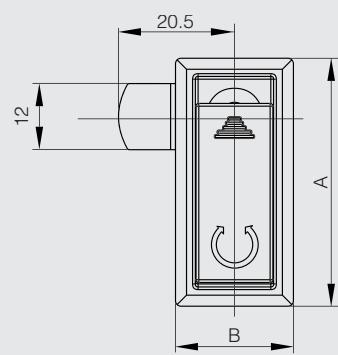
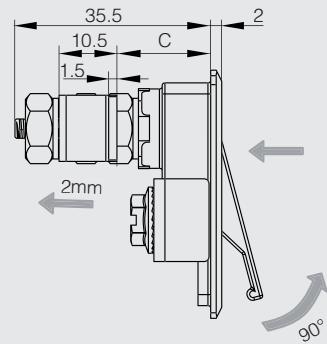
Dimension C adjustable with the nut.

Easy and fast unlocking.

Body in zinc-die, bracket and cam in zinc plated steel.



Part number	Material	Finish	A	B	C	Weight (g)
16-1-9019	zinc die-cast	black	45	21.4	14-20	50





Compression latches

Compression latches

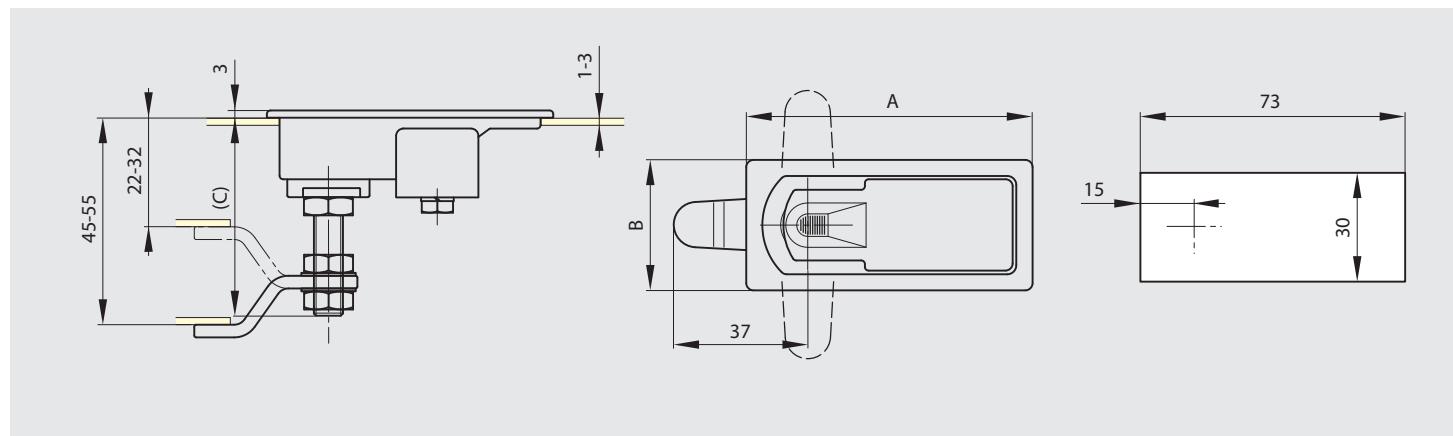
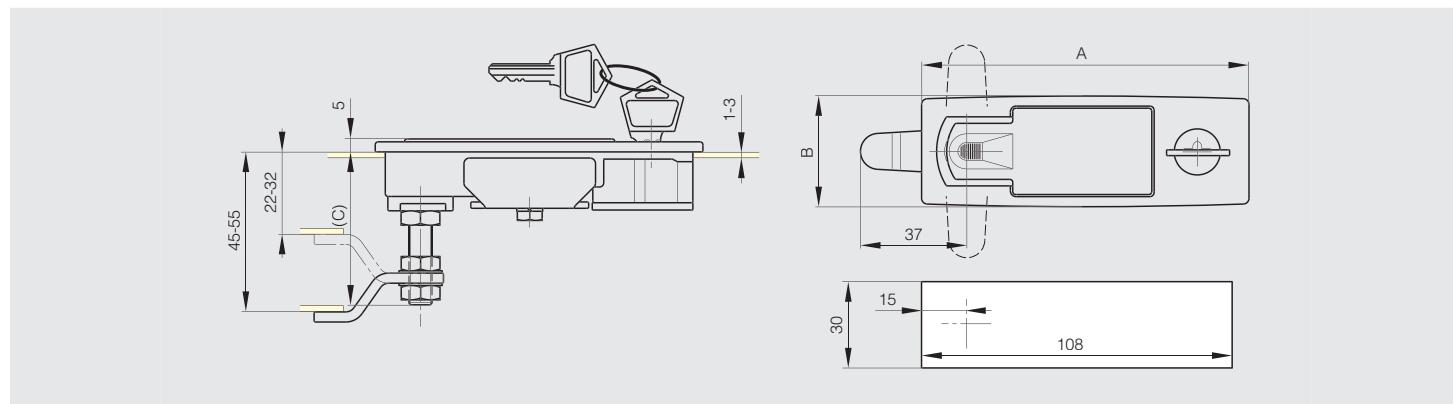
Compression latches with or without key - lift and turn

Keyed alike (one key number) for version with cylinder 16-1-4113.

A full product data sheet is available on our website.

ZAMAK

Part number	Material	Finish	A	B	C	Note	Weight (g)
16-1-4112	zinc die-cast	black	79	36	52	without key	204
16-1-4113	zinc die-cast	black	114	38.5	52	with key	204





Compression latches

Compression latches

Lockable compression latch

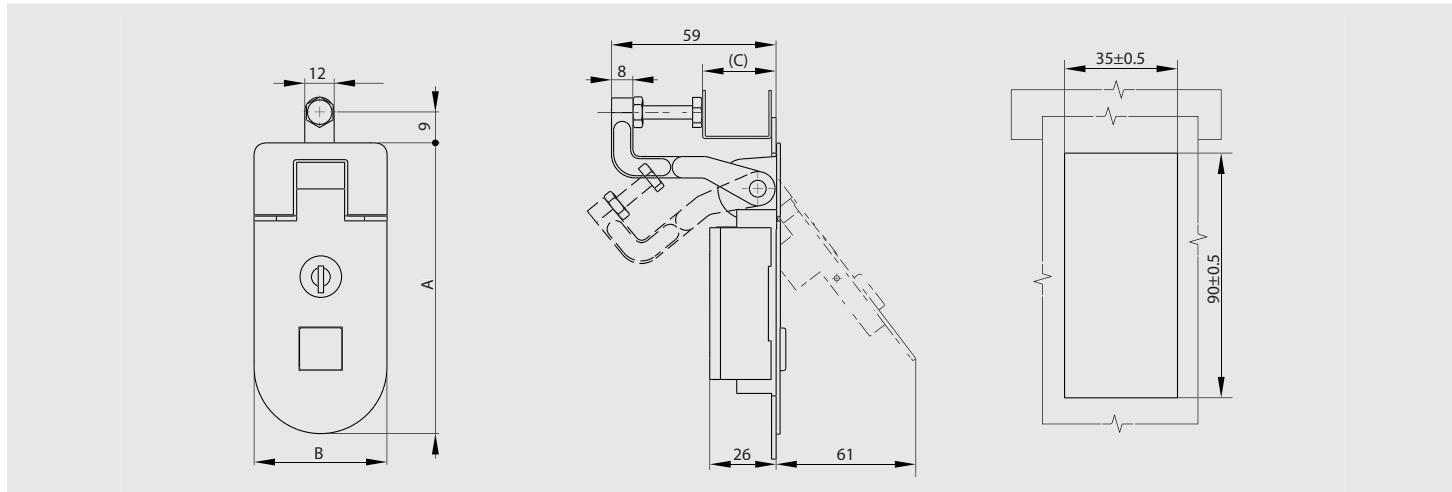
Ease of mounting. Keyed alike (one key number).

Body: zinc die-cast.

Bracket and screw: zinc plated steel.

ZAMAK
RoHS

Part number	Material	Finish	A	B	C	Weight (g)
16-1-9018	zinc die-cast	black	110	50	31-48	420



Flush compression latch with or without key

Ease of mounting.

Latch dimensions and cut-out dimensions are the same for the 2 products (with or without cylinder).

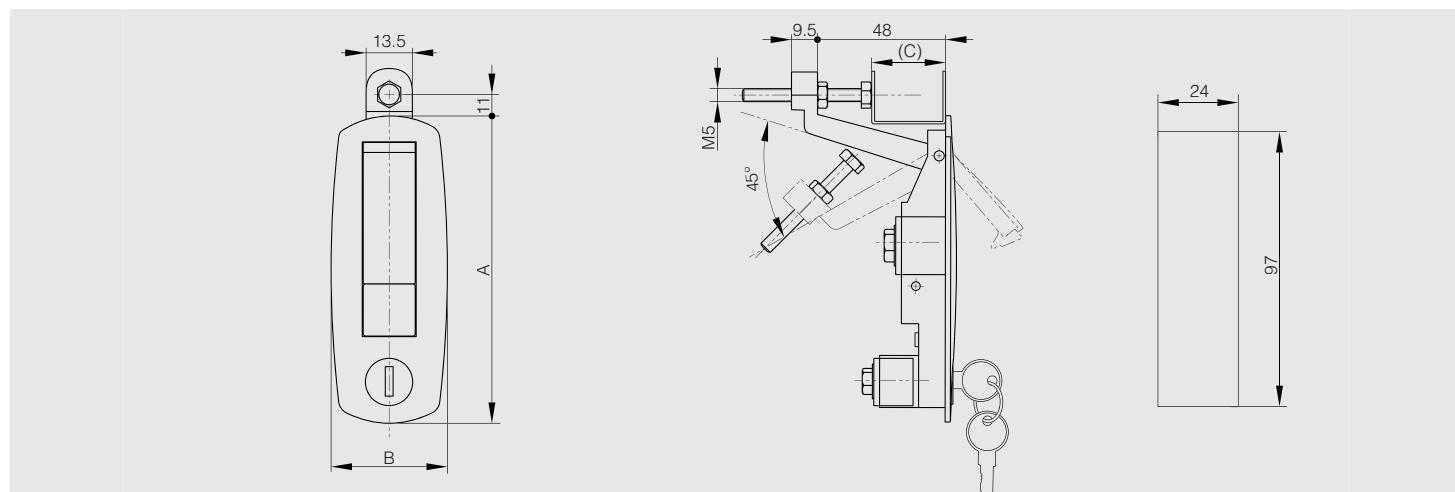
For version with cylinder: keyed alike (one key number).

Body: zinc die-cast.

Bracket and screw: zinc plated steel.

ZAMAK
RoHS

Part number	Material	Finish	A	B	C	Note	Weight (g)
16-1-9010	zinc die-cast	black	106	42	1-35	with key	269
16-1-9023	zinc die-cast	black	106	42	1-35	without key	245





Compression latches

Vector range

Vector T-handle - screw mounted

Handle rotation 90° right, 90° left.

Outline flat gasket reference 27-7-3912.

Material : Body : Glass fiber reinforced polyamide (PA6).

Handle : zinc die-cast black powder coated.

Shaft : zinc plated steel.

Cam : zinc die-cast or zinc plated steel.

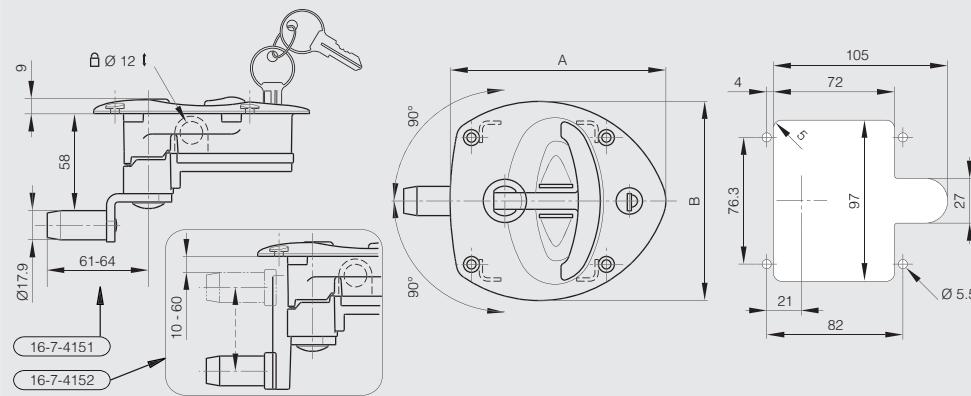
Roller : Glass fiber reinforced polyamide (PA6).



Other key numbers and cams are available on request.

A full product data sheet is available on our website.

Part number	Material	Finish	A	B	Note	Weight (g)
16-7-4151	Polyamide and zinc die-cast	black	131	120	1 point cam (H58)	410
16-7-4152	Polyamide and zinc die-cast	black	131	120	adjustable 1 point cam (H10-60)	460



Vector T-handle - rivet mounted

IP 65 rated.

Handle rotation 90° right, 90° left.



Material: Body: Glass fiber reinforced polyamide (PA6).

Handle: zinc die-cast black powder coated/ Shaft: zinc plated steel.

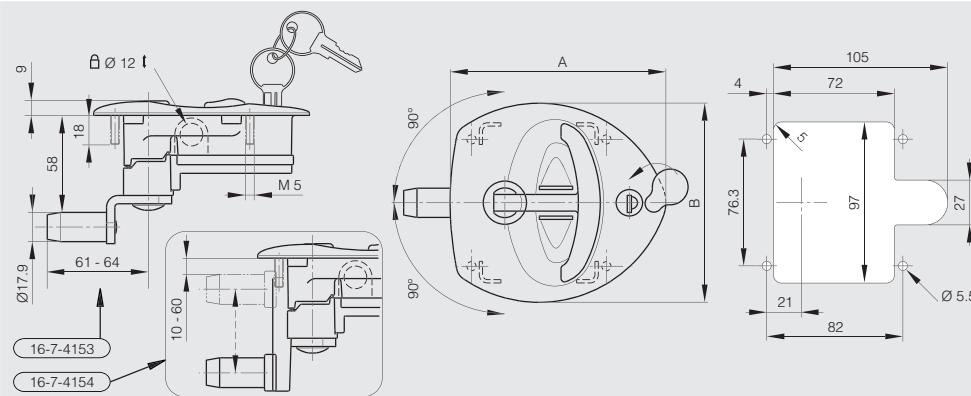
Cam: zinc die-cast or zinc plated steel/ Roller: Glass fiber reinforced polyamide (PA6).



Other key numbers and cams are available on request.

A full product data sheet is available on our website.

Part number	Material	Finish	A	B	Note	Weight (g)
16-7-4153	Polyamide and zinc die-cast	black	131	120	1 point cam (H58)	450
16-7-4154	Polyamide and zinc die-cast	black	131	120	adjustable 1 point cam (H10-60)	490





Compression latches

Vector range

Vector 2 T-handle with mounting bracket - chrome plated with fixed cam

The mounting bracket provides a quick, easy and reliable blind mounting.

Flush T-handle with a 4 mm compression stroke.

Handle rotation 90° right, 90° left.

Equipped with integrated PUR-gasket, protection degree IP65.

Comes with a keyed alike locking-cylinder with folding stainless steel dust shutter.

Material : body: PA / T-shaped handle: zinc die cast, black / Cam: steel, zinc plated / Mounting bracket: steel, zinc plated / Cast-in bolt : steel, zinc plated.

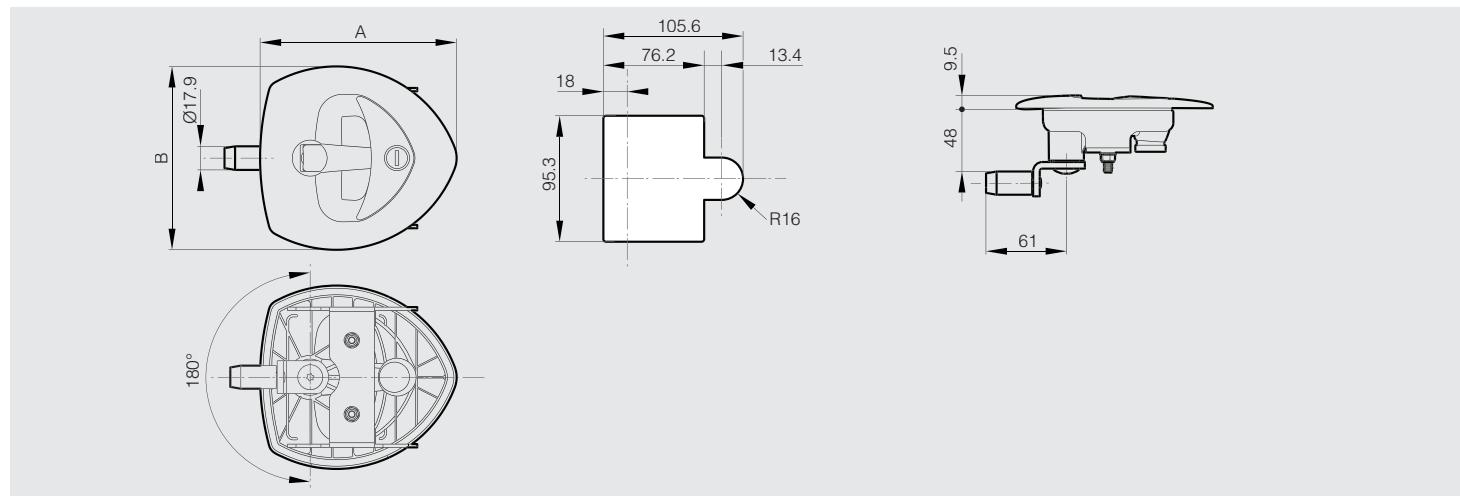
Other key numbers and cams are available on request.



IP65 POLYMER ZAMAK
RoHS



Part number	Material	Finish	A	B	Note	Weight (g)
NEW 16-7-4310	polyamide and zinc die-cast	chrome plated	149	139	1 point cam (H48)	570



Vector 2 T-handle with mounting bracket - black version with adjustable cam



IP65 POLYMER ZAMAK
RoHS

The mounting bracket provides a quick, easy and reliable blind mounting.

Flush T-handle with a 4 mm compression stroke.

Handle rotation 90° right, 90° left.

Equipped with integrated PUR-gasket, protection degree IP65.

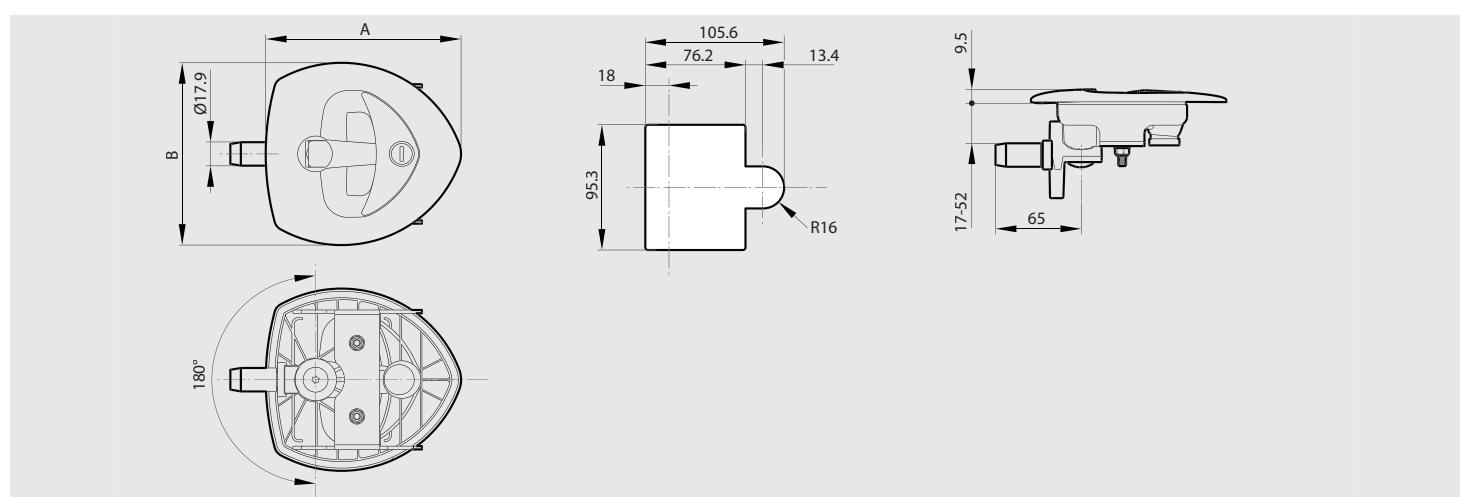
Comes with a keyed alike locking-cylinder with folding stainless steel dust shutter.

Material : body and roller cam: PA / T-shaped handle: zinc die cast, black / Adjustable cam: zinc die cast, passivated / Mounting bracket: steel, zinc plated / Cast-in bolt : steel, zinc plated.



Other key numbers and cams are available on request.

Part number	Material	Finish	A	B	Note	Weight (g)
NEW 16-7-4291	polyamide and zinc die-cast	black	149	139	adjustable 1 point cam (H17-52)	620





Clip'n Turn - Clip-on quarter turn with slotted shape



This part number includes a body (POM) and clip (PA).

3 cam heights available. Straight cam for heights H=18 and H=25.

Cranked cam for height H=13.5 (as shown below).

Product in white color: on demand.

This quarter turn can be mounted on door thicknesses up to:

- 4 mm with part numbers 16-1-8002, 16-1-8004 and 16-1-8009.

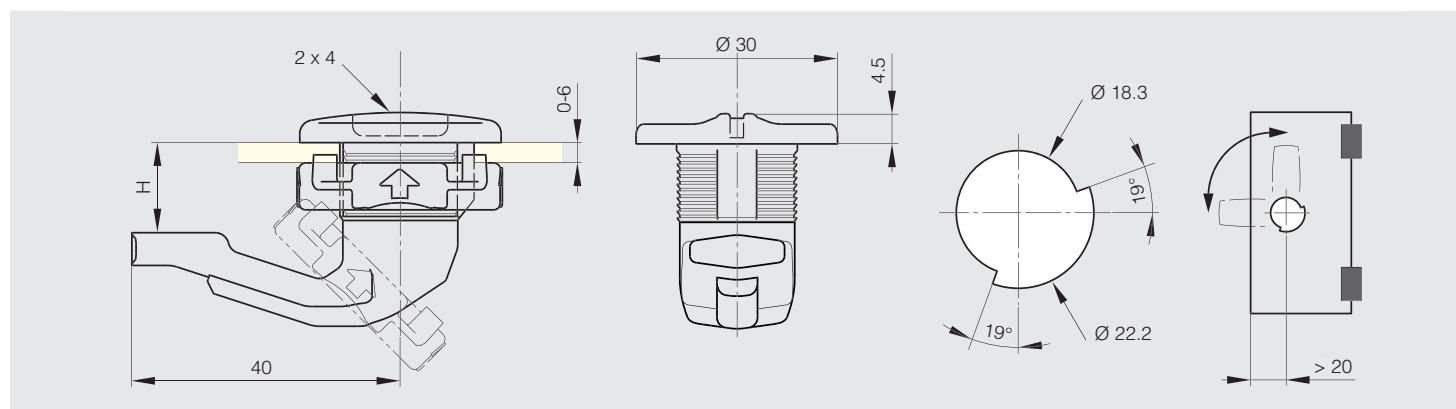
- 6 mm with part number 16-1-8006.

Clip can be ordered separately with part number 16-1-8007 (dimension 36x30mm).

Patented.



Part number	Material	Finish	H	Weight (g)
16-1-8002	POM / PA	black	13.5	14
16-1-8004	POM / PA	black	18	14
16-1-8009	POM / PA	white	18	14
16-1-8006	POM / PA	black	25	14





Clip'n Turn - Clip-on quarter turn with wing head



This part number includes a body (POM) and a clip (PA).

3 cam heights available. Straight cam for heights H=18 and H=25 (as shown on the drawing).

Cranked cam for height H=13.5.

Product in white color: on demand.

This quarter turn can be mounted on door thicknesses up to:

- 4mm with part numbers 16-1-8001, 16-1-8003 and 16-1-8008.

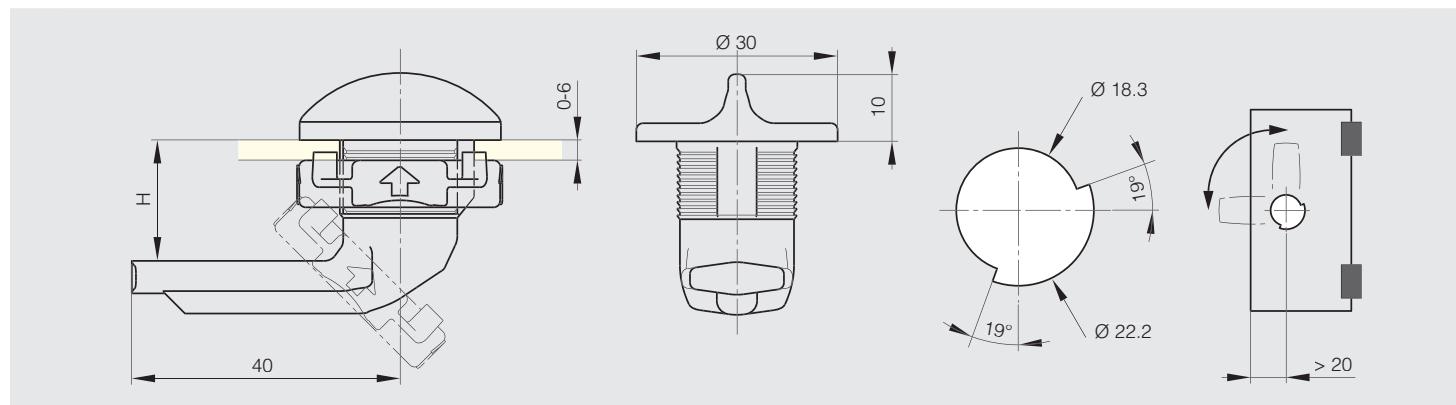
- 6mm with part number 16-1-8005.

Clip can be ordered separately with part number 16-1-8007 (dimension 36x30mm).

Patented.



Part number	Material	Finish	H	Weight (g)
16-1-8001	POM / PA	black	13.5	14
16-1-8003	POM / PA	black	18	14
16-1-8008	POM / PA	white	18	14
16-1-8005	POM / PA	black	25	14





Quarter turn with wing knob

2 different keys available:

- key 455 E: part number 16-1-4226.
- key 405 E: part number 16-1-4228.

Supplied with 2 keys.

2 cams available (sold separately):

16-1-4227: flat cam (H18 L35).

16-1-4229: cranked cam (H11 L50). Same came can be used upside down for H25.

Cut-out: 19.5 x 23.1 mm.

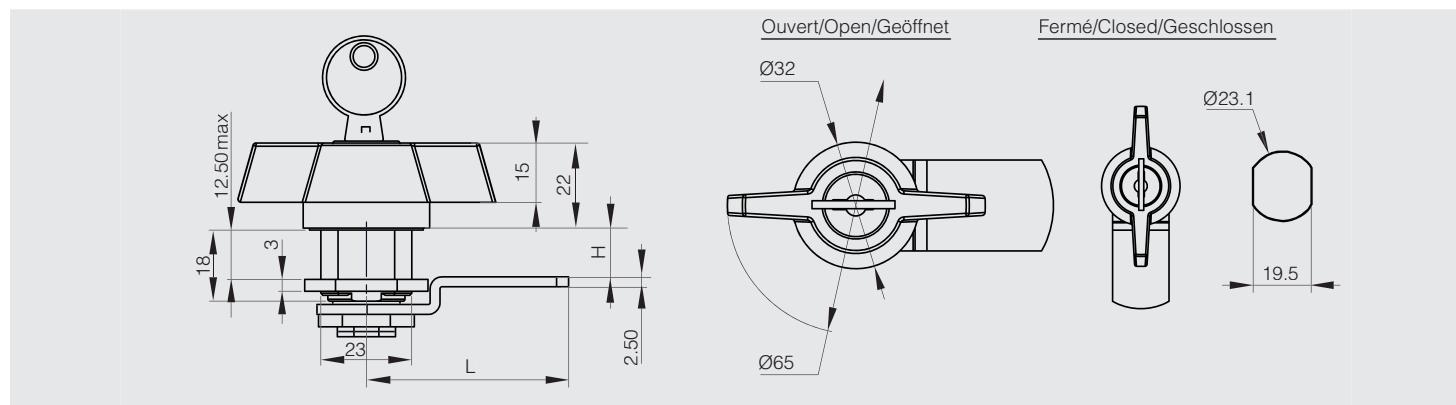
Door thickness: max. 12.5 mm.

Material: wing knob in black PA, housing in zinc die-cast, key / cylinder / cam in steel, nut in brass.

POLYMER ZAMAK STEEL
RoHS



Part number	Material	Finish	H	L	Note	Weight (g)
16-1-4226	zinc die-cast and PA	black			key 455 E	96
16-1-4228	zinc die-cast and PA	black			key 405 E	96
16-1-4227	steel	zinc plated	18	35		15
16-1-4229	steel	zinc plated	11	50	cranked cam	24

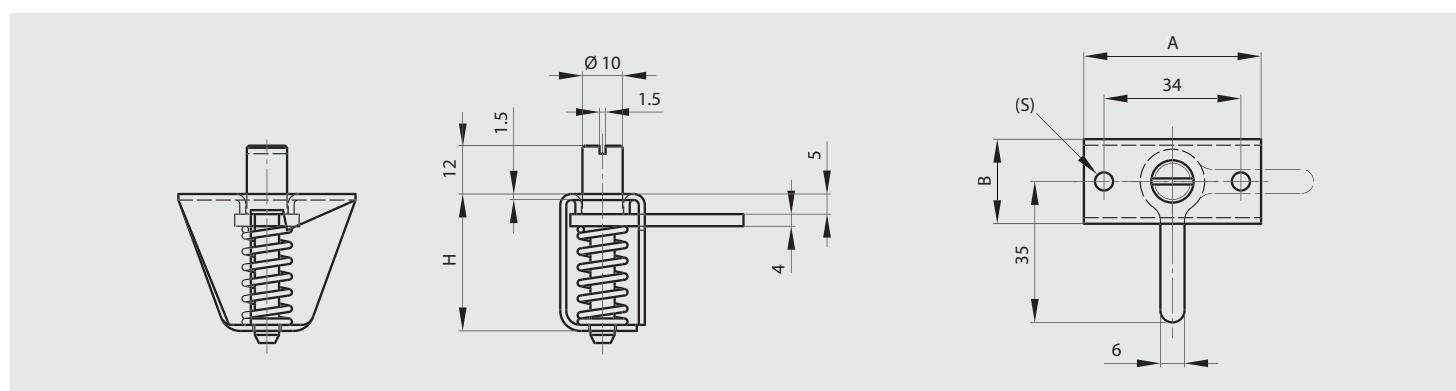


Latch

Stainless steel spring.

STEEL
RoHS

Part number	Material	Finish	A	B	H	S	Weight (g)
16-1-3266	steel	zinc plated	44	21	34	4.5	59





Rotary locks

Quarter turn

Lockable flush pop-out T-handle

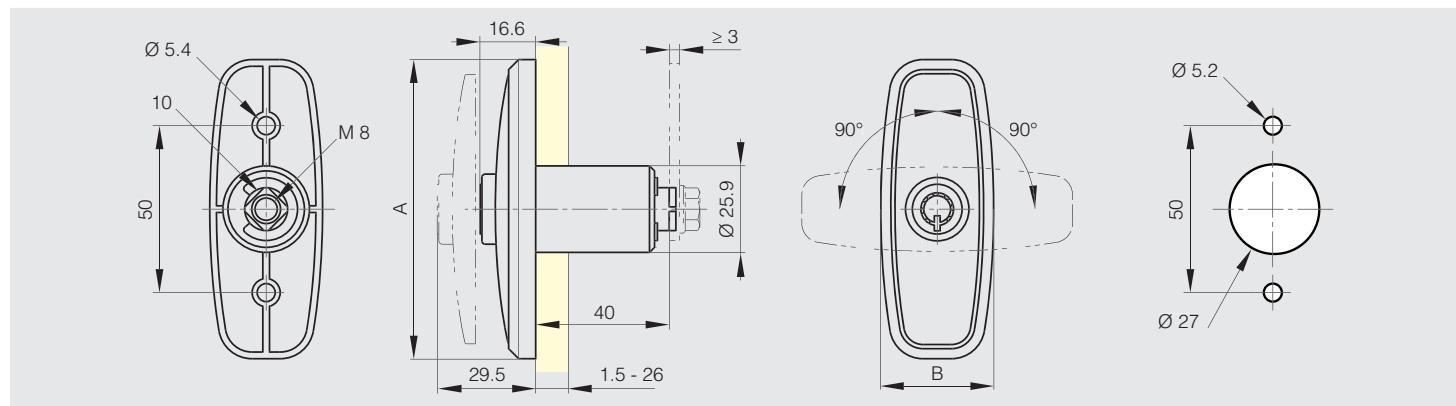
2 keyed alike included, no cam.

Flush T-handle. When the cylinder is opened, the handle pops out and can be turned.

A full product data sheet is available on our website.



Part number	Material	Finish	A	B	Weight (g)
16-7-4071	zinc die-cast	chrome plated	89.6	33.8	248



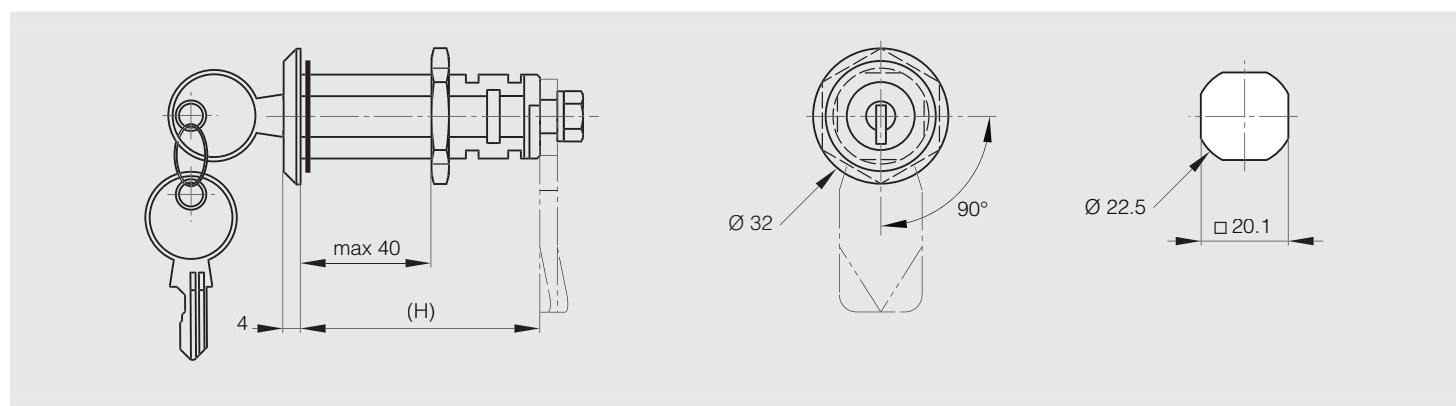
Cylinder lock

Quarter-turn cylinder lock for maximum door thickness of 40 mm. Supplied with 2 keyed alike.

Not handed. Cam to be ordered separately.



Part number	Material	Finish	H	Weight (g)
16-7-4063	zinc die-cast	chrome plated	56.5	138





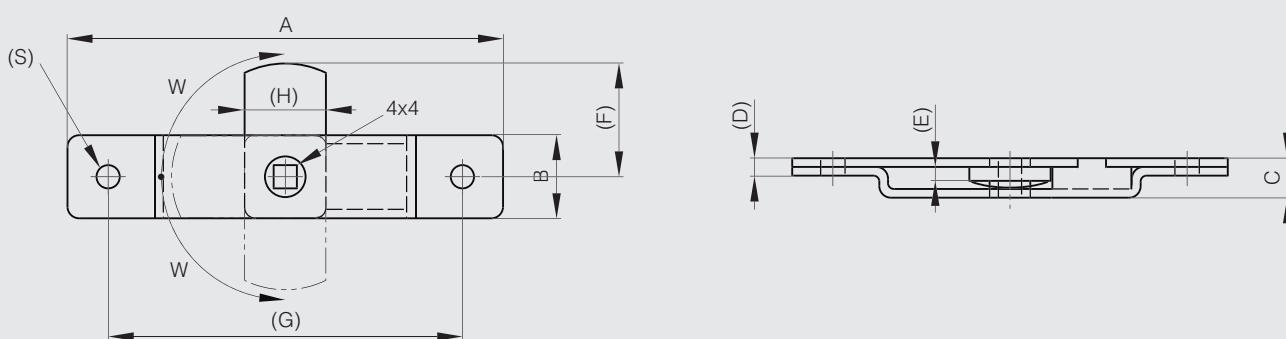
Rotary locks

Budget latches

Budget latches - square 4x4

STEEL

Part number	Material	Finish	A	B	C	D	E	F	G	H	S	W	Weight (g)
16-7-3288	steel	zinc plated	75	14.5	7	3	2.5	20	61	14.5	3.6	90°	32.5
16-7-3289	steel	zinc plated	85	16.5	7.7	3.5	3	23	67	16	3.6	90°	45

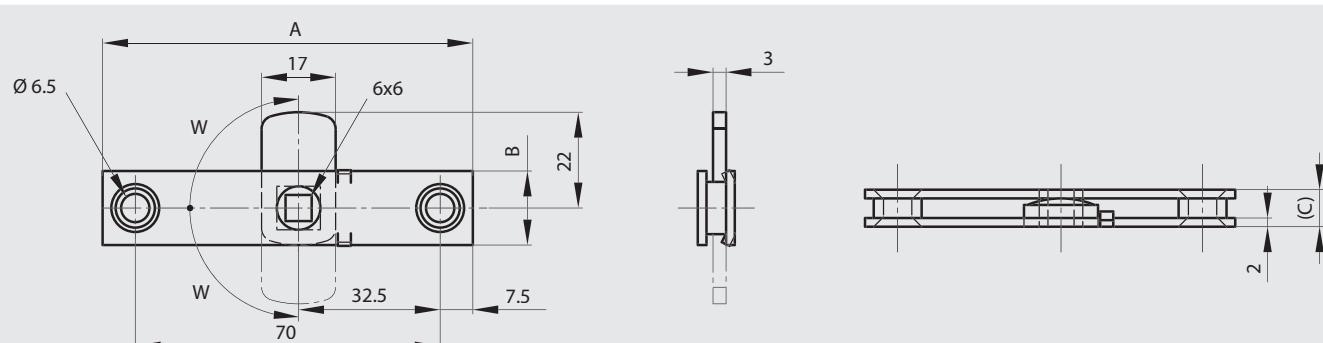


Budget latch - square 6x6 - stainless steel

STAINLESS STEEL RoHS

Not handed.

Part number	Material	Finish	A	B	C	W	Weight (g)
16-1-3972	304 stainless steel	raw	85	17	8.5	90°	56





Spring budget latch

Not handed.



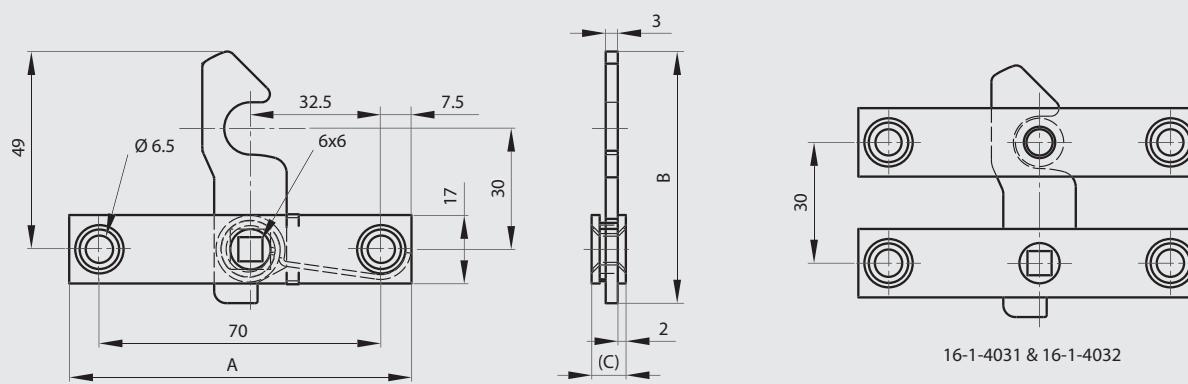
Part number	Material	Finish	A	B	C	Note	Weight (g)
16-1-4031	304 stainless steel	deburred	85	53.4	8.5	Budget latch (no strike)	69



Strike for spring budget latch 16-1-4031



Part number	Material	Finish	A	B	C	Note	Weight (g)
16-1-4032	304 stainless steel	deburred	85	17	8.5	strike	48



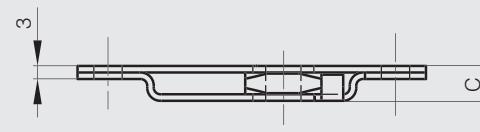
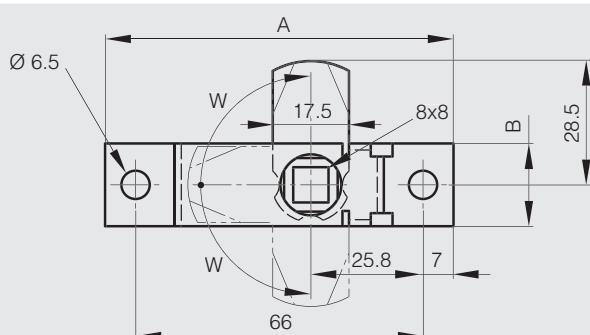


Budget latches - square 8x8

Not handed. 3 indent positions.

STAINLESS STEEL

Part number	Material	Finish	A	B	C	W	Weight (g)
16-1-4085	steel	zinc plated	80	19	8	90°	63
16-1-4086	304 stainless steel	raw	80	19	8	90°	63

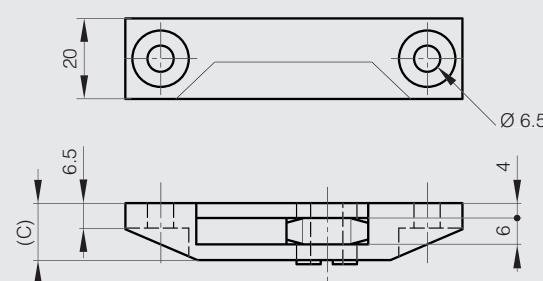
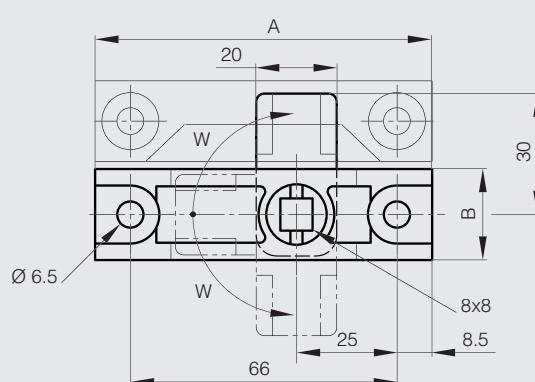


Plastic budget latch with strike plate

Not handed.

POLYMER ✓ RoHS

Part number	Material	Finish	A	B	C	W	Weight (g)
16-7-4012	acetal resin	black	83	22	14	90°	32

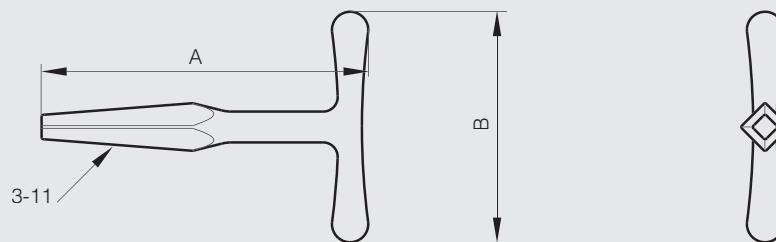




Common key for budget latches

STEEL

Part number	Material	Finish	A	B	Weight (g)
16-1-4083	steel	zinc plated	93	63.5	58





Barrel bolts and hasps

Barrel bolts

Barrel bolt in aluminium

Body: clear anodised aluminium.

Shaft and handle: raw aluminium.

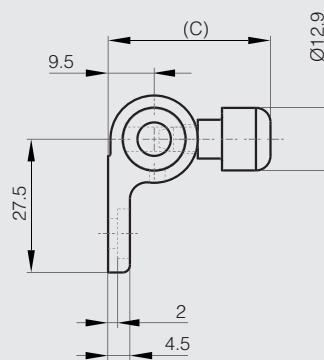
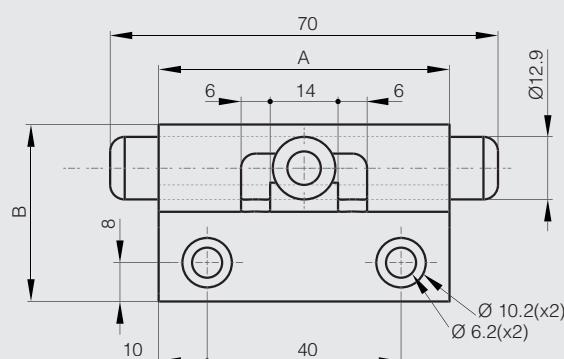
No strike.

Shaft length when closed: 15 mm.



ALU
RoHS

Part number	Material	Finish	A	B	C	Weight (g)
NEW 16-1-4311	6060 T5 alu	clear anodised	60	36.5	34	65



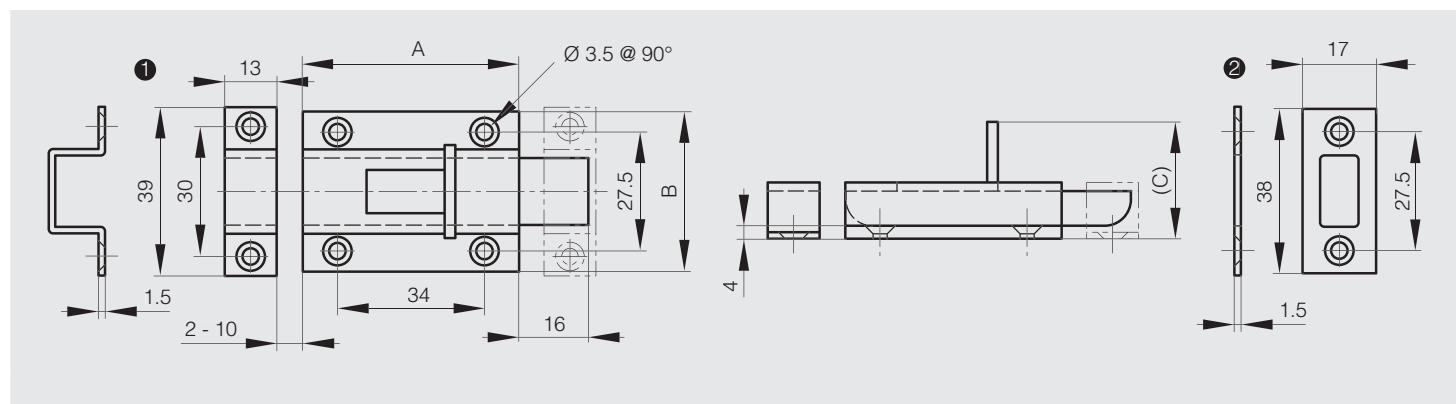
Barrel bolt in stainless steel

Can be fixed in vertical or horizontal position (stop when locked).

Supplied with 2 different strikes (see drawing).

STAINLESS STEEL

Part number	Material	Finish	A	B	C	Weight (g)
16-7-3863	304 stainless steel	satin	50	37	27	80





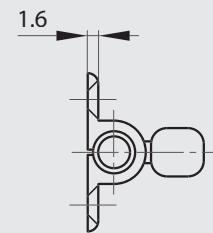
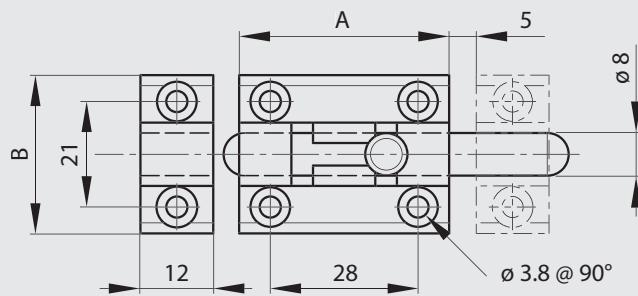
Barrel bolts and hasps

Barrel bolts

Barrel bolt in brass

BRASS RoHS

Part number	Material	Finish	A	B	Weight (g)
16-7-3680	brass	polished	40	30	66
16-7-3681	brass	chrome plated	40	30	66





Barrel bolts and hasps

Hasp

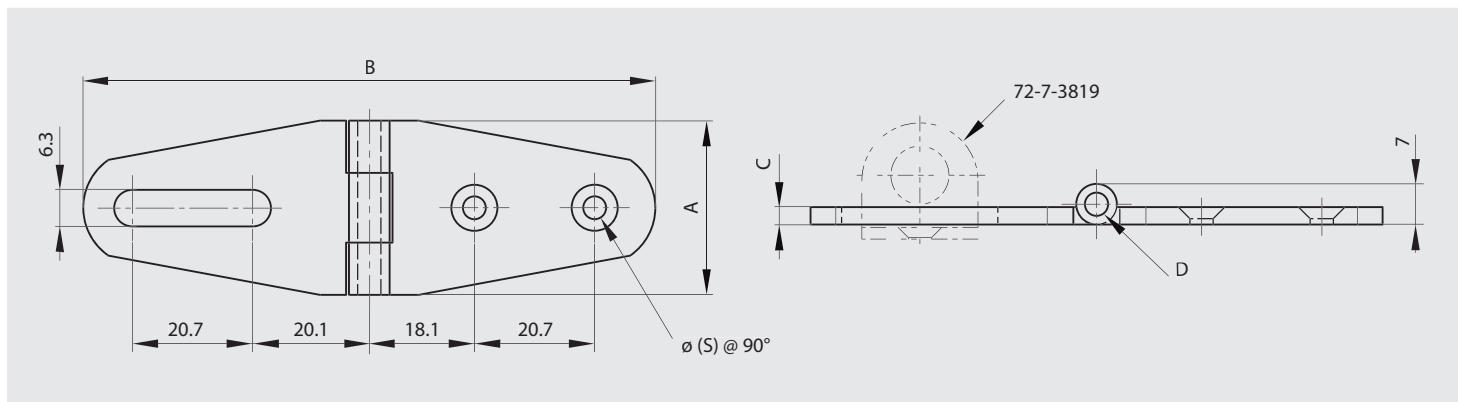
Chrome plated brass hasp

304 stainless steel pin.

Same shape available for hinge 72-7-3725.

BRASS

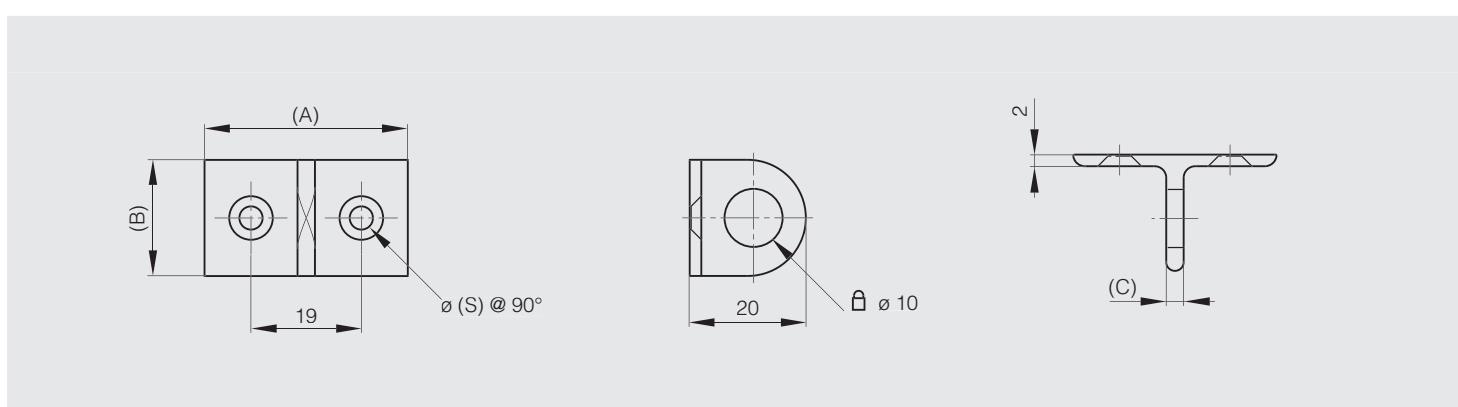
Part number	Material	Finish	A	B	C	D	S	Weight (g)
72-7-3726	brass	chrome plated	30	98.5	3	4	4	55



Catch plate for part number 72-7-3726

BRASS

Part number	Material	Finish	A	B	C	S	Weight (g)
72-7-3819	brass	chrome plated	35	20	3	4	16





Mechanical catches

Ball catches

Dual ball catches A

Coutersunk on both sides of the catch.

Strike can be secured on 4 sides of the catch.

Body of the catch: zinc die-cast with brass finish.

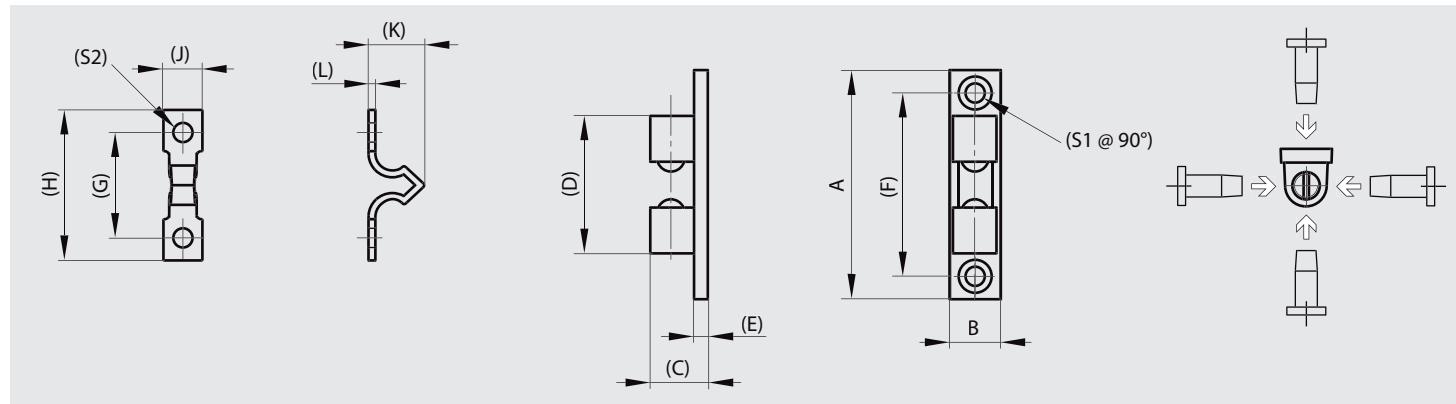
Balls: in steel

Strike: in steel with brass finish.

ZAMAK
RoHS



Part number	Material	Finish	A	B	C	D	E	F	G	H	J	K	L	S1	S2	Weight (g)
16-7-3469	zinc die-cast	brass	49.9	11.4	12.6	30	3	40	20.2	30.5	8.1	17	1.4	4.3	4	21.5
16-7-3470	zinc die-cast	brass	60	14.6	14.7	38	3	48	27	42	10.2	20	2	4.2	5	37.5
16-7-3471	zinc die-cast	brass	70	17.3	16.5	43.6	3.5	57	34	50	12	22.5	2	4.3	3.5	58.8



Dual ball catches B

Strike can be secured on 2 sides of the catch.

Body of the catch: zinc die-cast with brass finish.

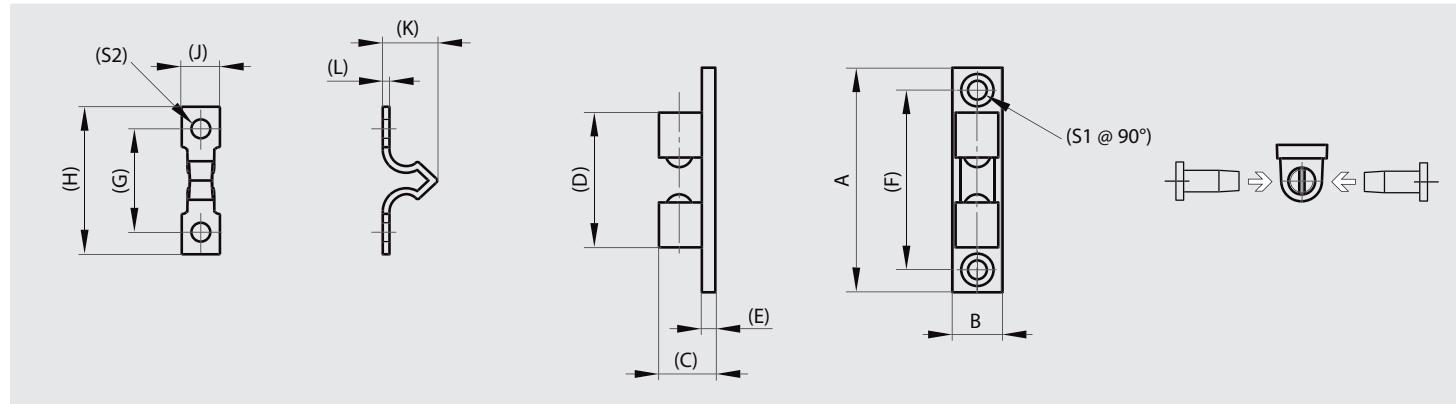
Balls: in steel

Strike: in steel with brass finish.

ZAMAK
RoHS



Part number	Material	Finish	A	B	C	D	E	F	G	H	J	K	L	S1	S2	Weight (g)
16-7-3423	zinc die-cast	brass	41.7	8.5	10.7	26	2.6	34	16.9	25.7	8	13.5	1.2	3.5	3	13.7





Mechanical catches

Ball catches

Stainless steel dual ball catches

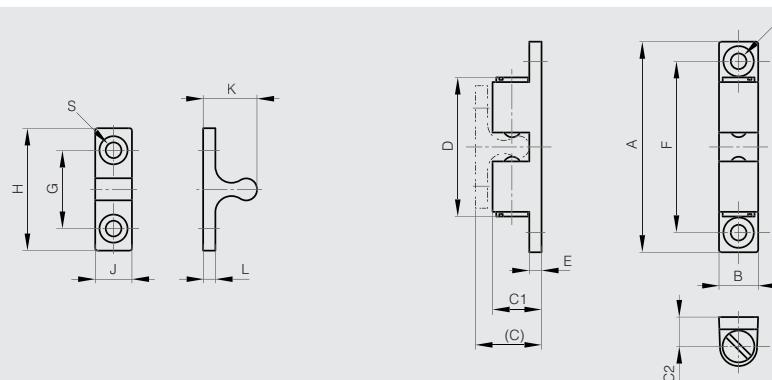
Can be installed vertically or horizontally.
Catch force is not adjustable. Do not turn the slot part.



STAINLESS STEEL
RoHS



Part number	Material	Finish	A	B	C	C1	C2	D	E	F	G	H	J	K	L	S	Force	Weight (g)
NEW 16-7-4305	316 stainless steel	polished	43	8	13.5	10	6	28.4	2.5	35	16	25	7.5	11	2.5	3.2	1.3kg	18
NEW 16-7-4306	316 stainless steel	polished	50	10	16.1	12.2	7.7	31.5	2.9	40	20	30	9	13.2	2.9	4.2	1.8kg	30
NEW 16-7-4307	316 stainless steel	polished	70	13	23	17	10.5	51	4	60	30	42	10.5	19	4	4.2	3.9kg	83



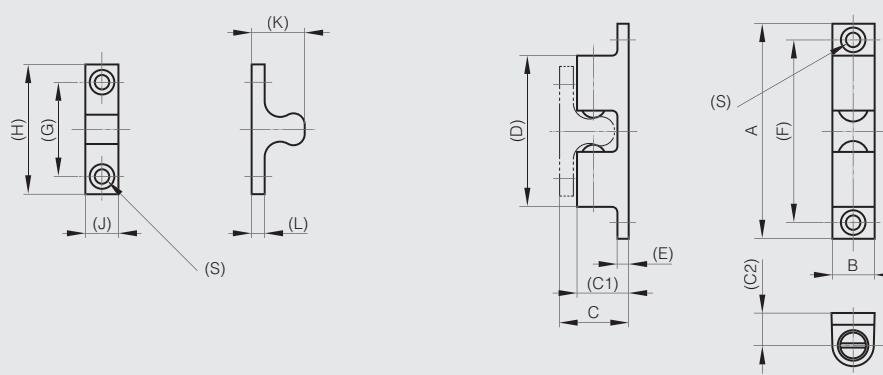
Zinc die-cast dual ball catches

Body: zinc die-cast, chrome plated.
Balls: steel.

ZAMAK



Part number	Material	Finish	A	B	C	C1	C2	D	E	F	G	H	J	K	L	S	Force	Weight (g)
16-7-4211	zinc die-cast	chrome plated	42.5	8	14	10	6.5	26.7	2.5	35	16	25	7.5	11.3	2.5	3.2	3kg	16
16-7-4212	zinc die-cast	chrome plated	50	10	16	12.5	7.4	29.8	3	40	20	30	9	12.3	2.5	4.2	3.3kg	26
16-7-4213	zinc die-cast	chrome plated	70	13.5	21.2	17	11	49	4	60	30	42	10.5	17.2	3	4.2	3.5kg	70





Ball catches

BRASS RoHS

Part number	Material	Finish	A	B	C	D	E	F	Weight (g)
16-7-3330	brass	raw	8	7.4	4.5	6.5	9	16	3.7
16-7-3331	brass	raw	10	8.5	6.5	8	11	16	6.5
16-7-3332	brass	raw	12	9	7	10	13	19.5	9.9
16-7-3333	brass	raw	13	10.5	7.2	10	14	19.5	13.5





Mechanical catches

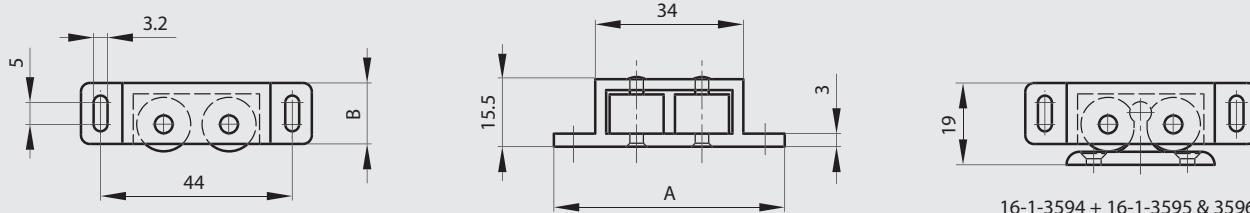
Roller catches

Roller catch without counterplate

Rubber rollers. Housing in ABS. Shaft in brass.



Part number	Material	Finish	A	B	Force	Weight (g)
16-1-3594	polymer	white	53	14	1.5kg maxi	9



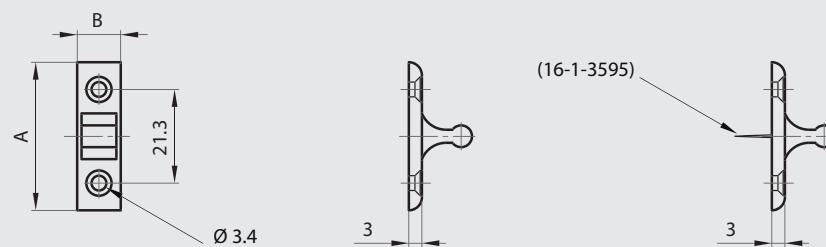
16-1-3594 + 16-1-3595 & 3596

Counterplates for part number 16-1-3594

Strike in ABS.



Part number	Material	Finish	A	B	Note	Weight (g)
16-1-3595	polymer	white	34	10	with pin	1.5
16-1-3596	polymer	white	34	10	without pin	1.5





Mechanical catches

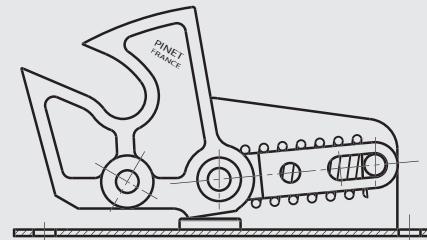
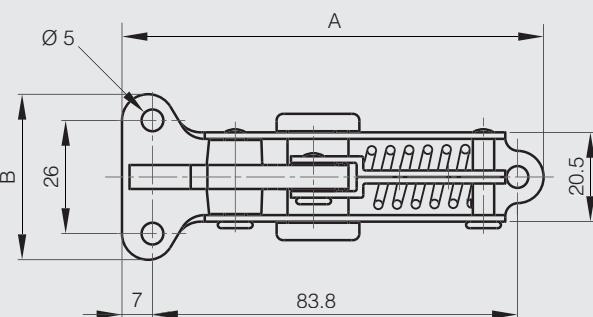
Spring-loaded catches

Catch

Nylon hook, rubber damper.

STEEL

Part number	Material	Finish	A	B	Force	Weight (g)
16-1-3271	steel	zinc plated	97	39	8kg	100

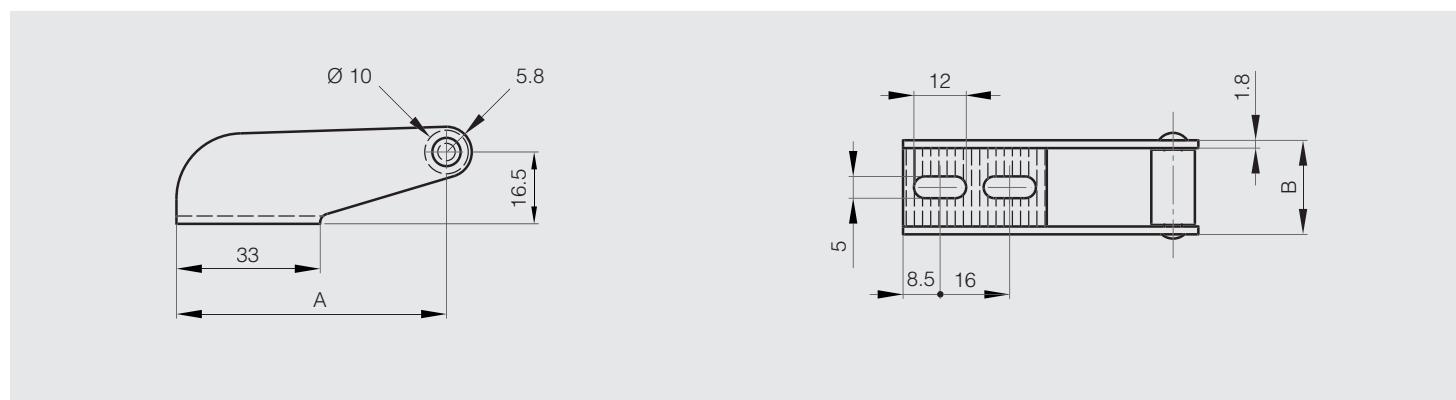
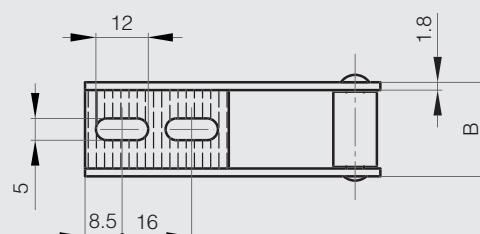
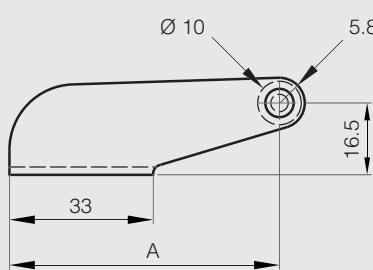


Counterplate for part number 16-1-3271

Nylon roller.

STEEL

Part number	Material	Finish	A	B	Weight (g)
16-1-3272	steel	chrome plated	62	22	41





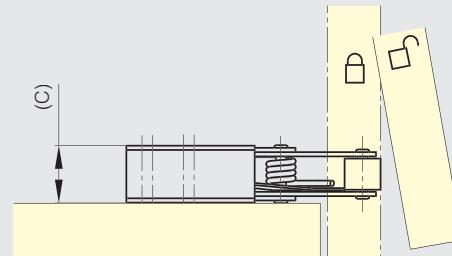
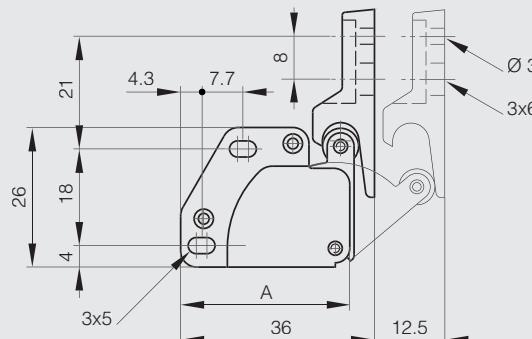
Mechanical catches

Touch latches

Touch latch in steel

POLYMER STEEL

Part number	Material	Finish	A	C	Weight (g)
16-7-3838	steel	nickel plated and white plastic	33	11	20



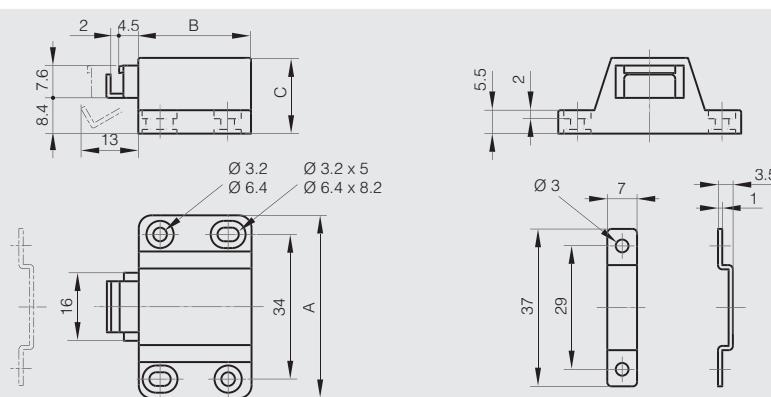
Touch latch with steel strike

POLYMER

Body in ABS.

Chrome plated strike and hook in black steel.

Part number	Material	Finish	A	B	C	Force	Weight (g)
16-7-4210	polymer	black	43	26.5	17.8	10kg	16.3





Mechanical catches

Touch latches

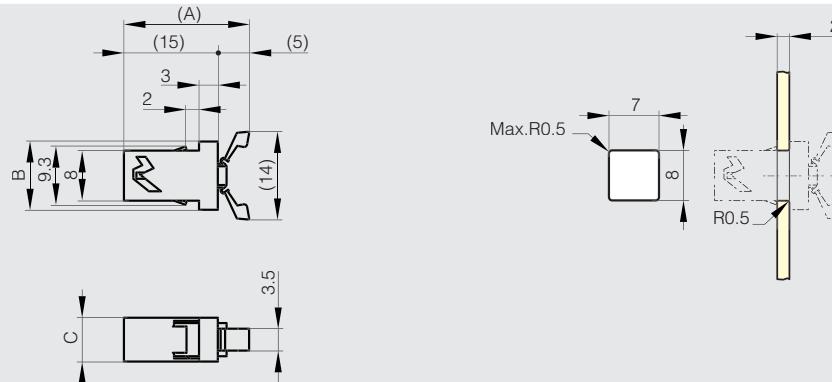
Mini touch latch - snap-in installation

Miniature design is ideal for small applications.
Snap-in style catch. For sheet metal thickness 2 mm.
Strike sold separately.



POLYMER
RoHS

Part number	Material	Finish	A	B	C	Force	Weight (g)
NEW 16-7-4302	POM/PA	black	20	10.9	7	1.2kg	0.7

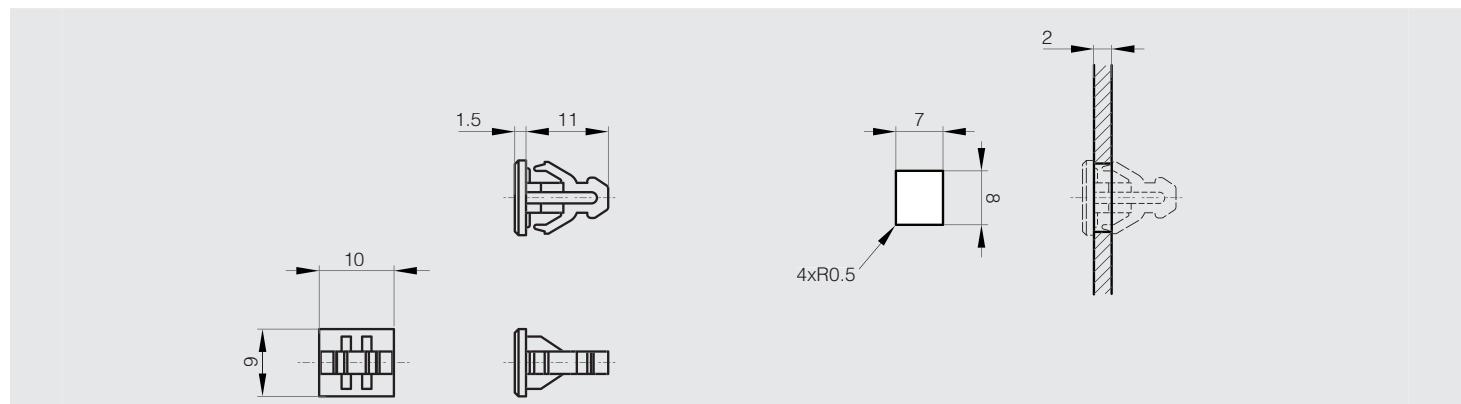
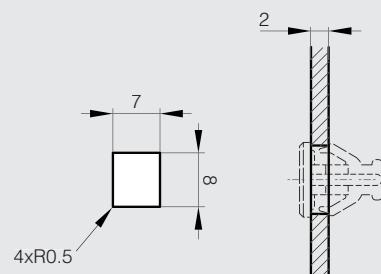
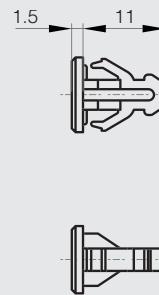


Snap-in counter plate for part number 16-7-4302



POLYMER
RoHS

Part number	Material	Finish	Weight (g)
NEW 16-7-4304	POM	black	0.5





Mechanical catches

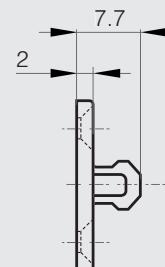
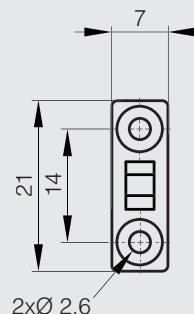
Touch latches

Screw mount counter plate for part number 16-7-4302



POLYMER RoHS

Part number	Material	Finish	Weight (g)
NEW 16-7-4303	POM	black	0.4



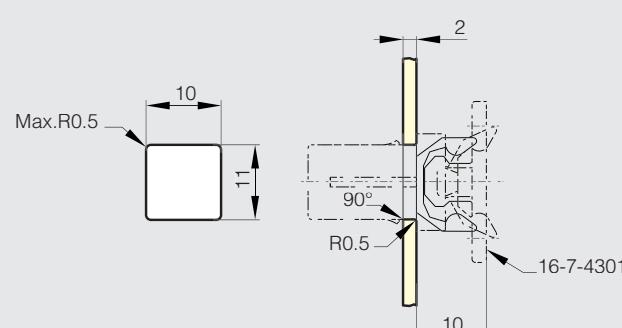
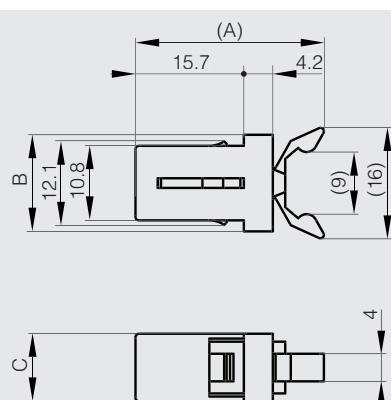
Touch latch - Snap-in installation



POLYMER RoHS

Compact design with strong retaining force (3.5 kg).
Snap-in style catch. For sheet metal thickness 2 mm.
Strike sold separately.
Polymer material: PBT, PA and PCL.

Part number	Material	Finish	A	B	C	Force	Weight (g)
NEW 16-7-4300	polymer	black	27.3	14	9.8	3.5kg	2.3





Mechanical catches

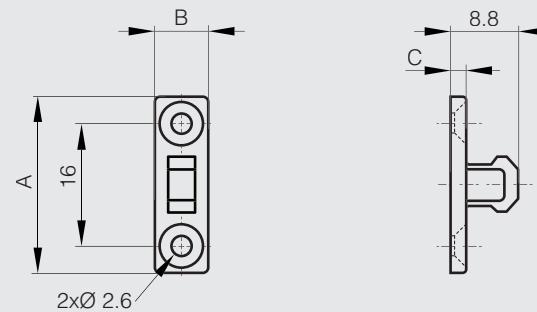
Touch latches

Counter plate for part number 16-7-4300



POLYMER RoHS

Part number	Material	Finish	A	B	C	Weight (g)
NEW 16-7-4301	POM	black	23	7	2	1



Touch latch - Screw mounting - With counter plate



POLYMER RoHS

Passed 30,000 open/close cycle test.

Touch latch with floating strike allows for easy alignment.

For overlay door, allow 3 mm gap between door and cabinet frame for push space.

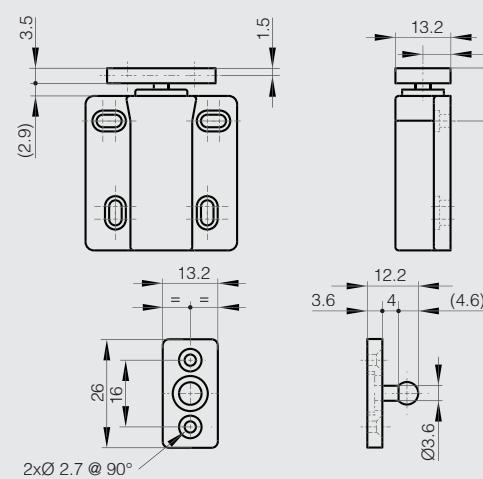
Pulling door with excessive force without unlatching the unit may damage the mechanism.

Latch: ABS/POM.

Counter plate: PA.

Comes with screws.

Part number	Material	Finish	A	B	C	Force	Weight (g)
NEW 16-7-4299	polymer	black	37	36.3	13.2	3kg	15





Touch latches

Touch latch - Screw mounting - Strong retaining force

Passed 100,000 open/close cycle test.

Strong retaining force: 8 kg.

Floating counter plate for easy alignment.

For overlay door, allow 3 mm gap between door and cabinet frame for push space.

Pulling the door with excessive force without unlatching the unit may damage the mechanism.



POLYMER
RoHS

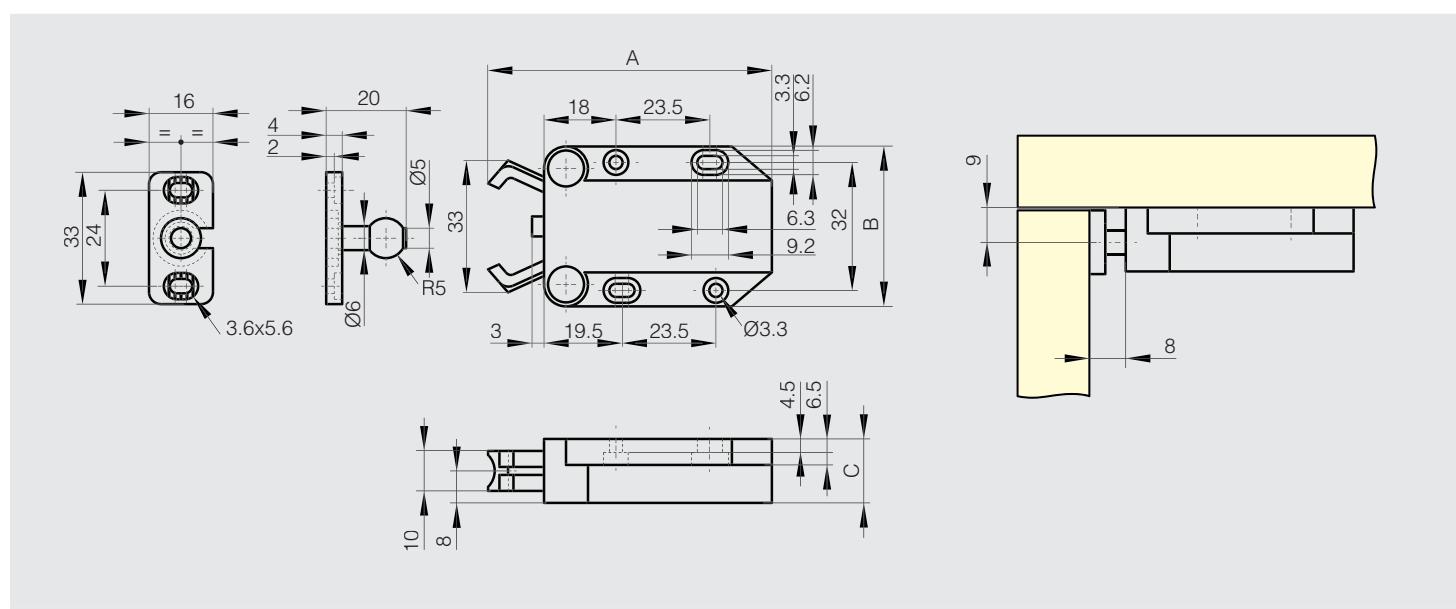


Latch: ABS/POM.

Counter plate: PA.

Comes with screws.

Part number	Material	Finish	A	B	C	Force	Weight (g)
NEW 16-7-4298	polymer	black	71	40	16	8kg	24





Mechanical catches

Other mechanical catches

Snap-in knuckle catch in plastic

Snap-in type body for easy installation on sheet metal applications.

3 panel thicknesses (E) : 0.8 mm, 1.0 mm and 1.2 mm

Cut-out dimensions vary depending on panel thickness.

Internal catch body tolerance of 1.5 mm for ease of alignment.

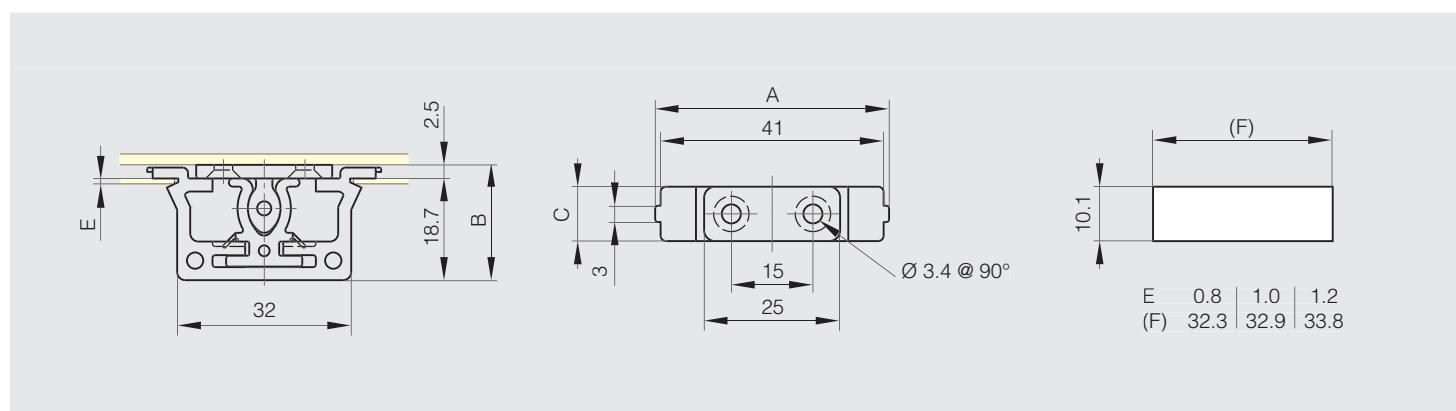
Push-in force : 2.0 kg.

Pulling force : 2.0 kg.

Body in polyacetal (POM) and strike in polyamide (PA).



Part number	Material	Finish	A	B	C	Force	Weight (g)
16-7-4214	polymer	white	43	21.2	10	2kg	5.2



Plastic catch

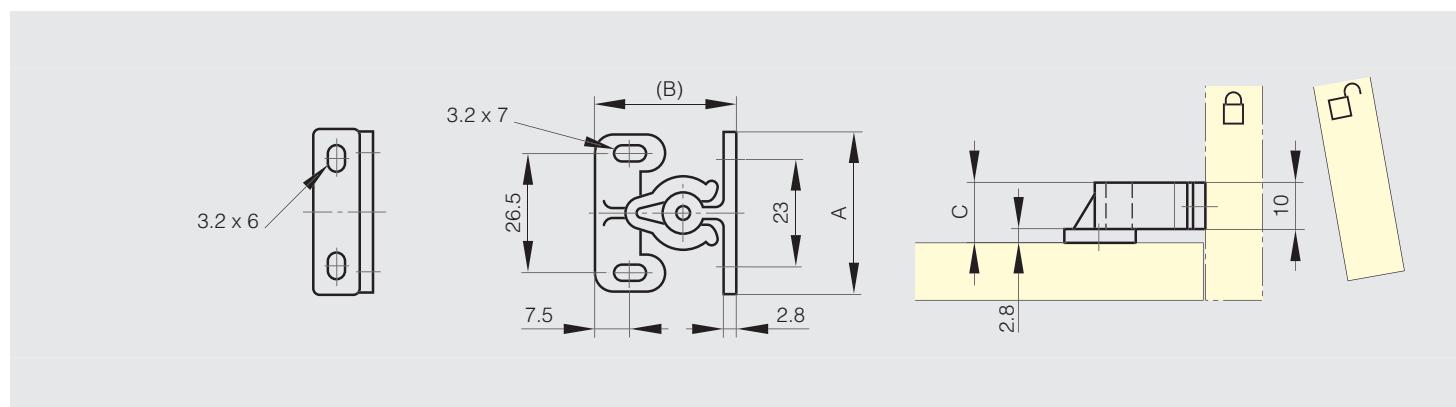
Push in force : 5.7 kg

Pulling force : 7.1 kg

Body in polyacetal (POM) and strike in polyamide (PA).



Part number	Material	Finish	A	B	C	Force	Weight (g)
16-7-3860	polymer	white	35.4	30.5	13	7.1kg	4.5





Magnetic catches

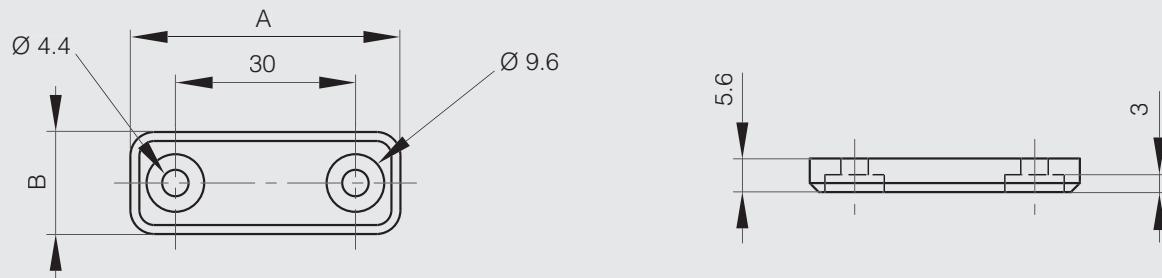
Sealed magnetic catches

Sealed compact magnetic catch

This part number is associated with counterplate 16-7-4205.



Part number	Material	Finish	A	B	Force	Weight (g)
16-7-4204	polymer	white	45	17	3kg	9

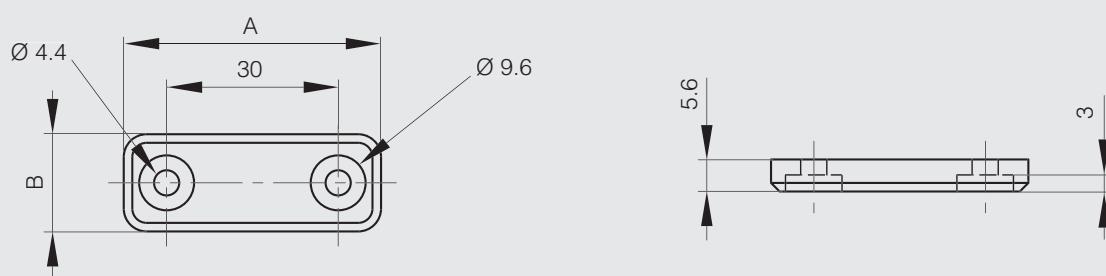


Counterplate for sealed magnetic catch 16-7-4204

This counterplate has the same dimensions as the part listed above. It has a blue dot on the backside to differentiate it from the catch.



Part number	Material	Finish	A	B	Weight (g)
16-7-4205	polymer	white	45	17	9





Magnetic catches

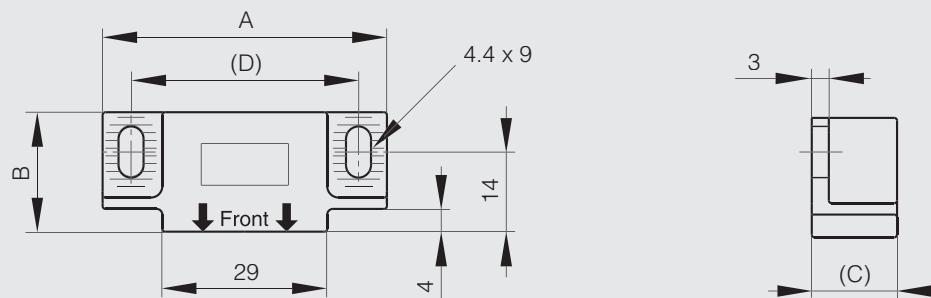
Sealed magnetic catches

Sealed magnetic catch

Strike sold separately.

POLYMER

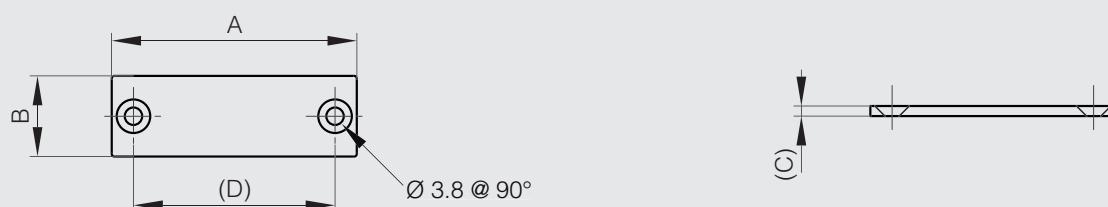
Part number	Material	Finish	A	B	C	D	Force	Weight (g)
16-7-4081	polymer	white	50	21	13	40	3kg	21
16-7-4206	polymer	black	50	21	13	40	3kg	21



Counterplate for sealed magnetic catch 16-7-4081 and 16-7-4206

STAINLESS STEEL

Part number	Material	Finish	A	B	C	D	Weight (g)
16-7-4082	430 Ti stainless steel	raw	49	15	2	40	10





Magnetic catches

Compact magnetic catches

Ultra thin compact magnetic catch

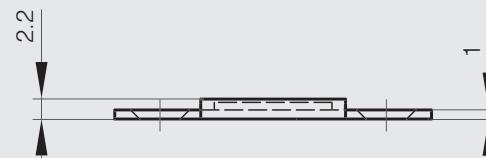
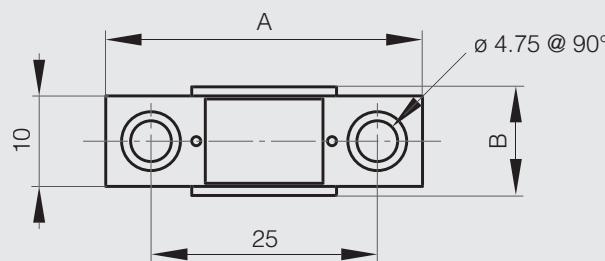
Suitable for temperatures below 80°C.

To avoid breakage, counterplate should not connect with magnet.

Screw heads should not protrude above the base plate.



Part number	Material	Finish	A	B	Force	Weight (g)
16-7-4033	steel	nickel plated	35	12	2.7kg	4



Compact magnetic catch

Suitable for temperatures below 80°C.

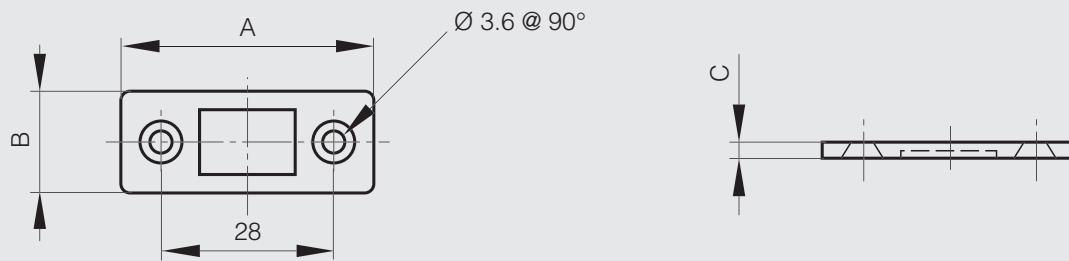
To avoid breakage, counterplate should not connect with magnet.

Screw heads should not protrude above the base plate.

For the stainless steel version, magnet is coated with acrylic resin to be corrosion resistant.



Part number	Material	Finish	A	B	C	Force	Weight (g)
16-7-4207	steel	nickel plated	41	16.5	2.6	4kg	12
NEW 16-7-4308	steel	nickel plated	41	16.5	3.0	8kg	14
NEW 16-7-4309	430 stainless steel	polished	41	16.5	2.8	5kg	13





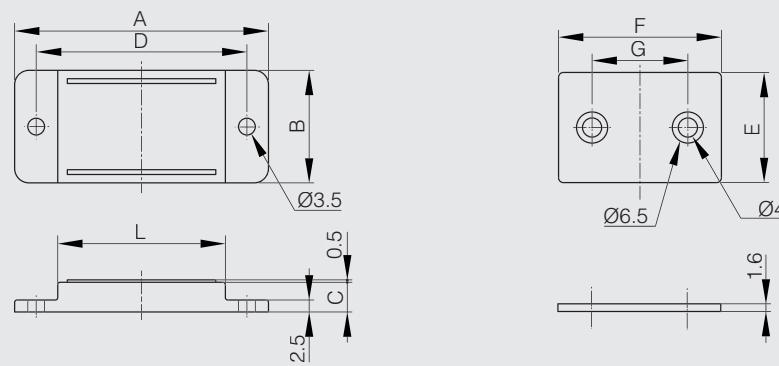
Magnetic catches

Compact magnetic catches

Low profile magnetic catch

POLYMER

Part number	Material	Finish	A	B	C	D	E	F	G	L	Force	Weight (g)
16-7-4254	ABS	black	43	17	6	34	17	24	13	25	1kg	14
16-7-4255	ABS	black	53	23.5	6.2	44	23	34	20	35	3kg	32
16-7-4256	ABS	black	64	24.5	7	55	24	45	30	46	5kg	48





Magnetic catches

Screw-on magnetic catches

Mini screw-on magnetic catch with counter plate - force 3 kg

Mini magnetic catch is ideal for tight spaces.

Polymer materials: PBT, steel, neodymium.

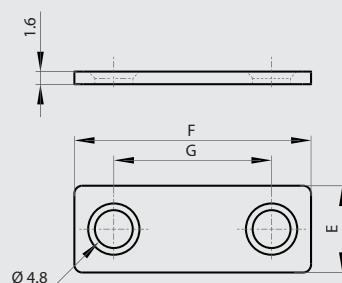
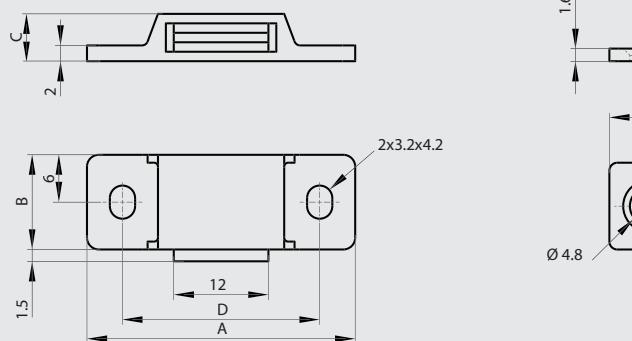
Counter plate: steel.

Comes with 4 screws.



POLYMER
RoHS

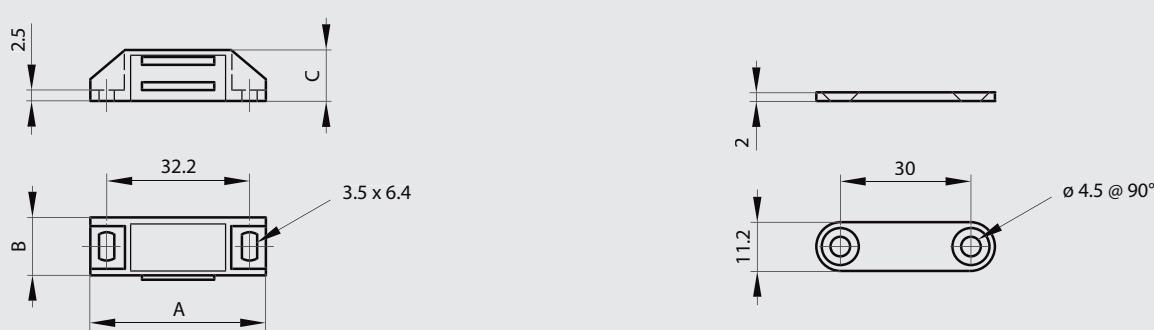
Part number	Material	Finish	A	B	C	D	E	F	G	Force	Weight (g)
NEW 16-7-4293	polymer	white	34	12	6	25	11	30	20	3kg	13



Screw-on magnetic catch with counterplate - force 3 kg

POLYMER
RoHS

Part number	Material	Finish	A	B	C	Force	Weight (g)
16-7-3492	polymer	white	39.8	13.7	11.7	2 to 3kg	16.5





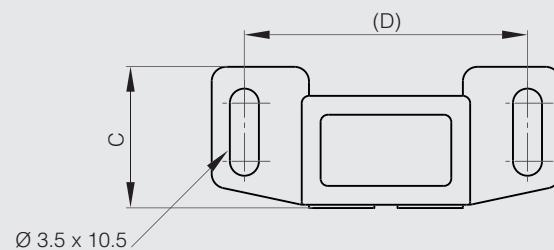
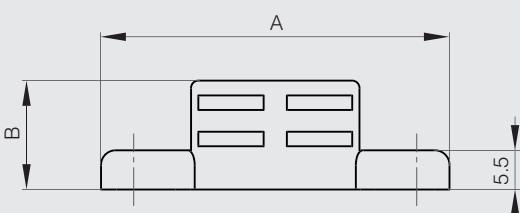
Magnetic catches

Screw-on magnetic catches

Screw-on magnetic catch without counterplate - force 4 kg

POLYMER

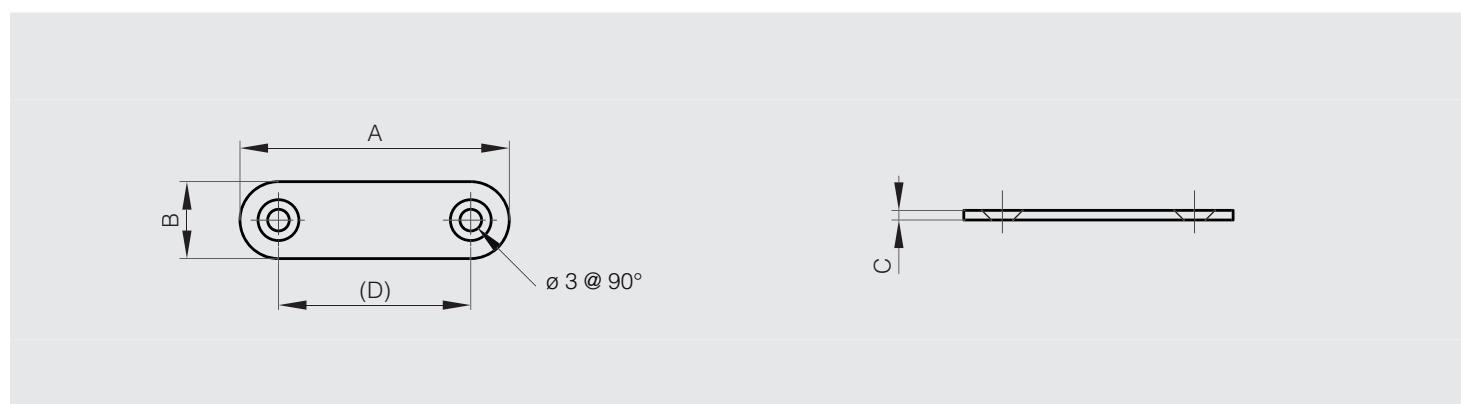
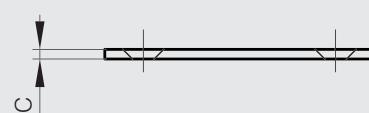
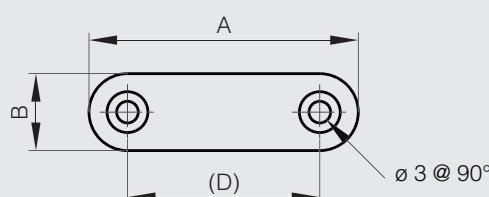
Part number	Material	Finish	A	B	C	D	Force	Weight (g)
16-7-3390	polymer	white	48	15	19.2	38	4kg	13



Counter plate for magnetic catch 16-7-3390

STEEL

Part number	Material	Finish	A	B	C	D	Weight (g)
16-7-3351	steel	zinc plated	41	14	1.5	31	6





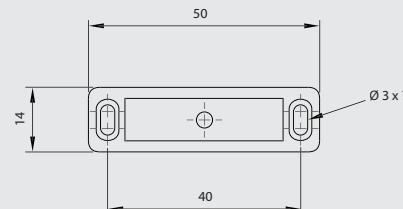
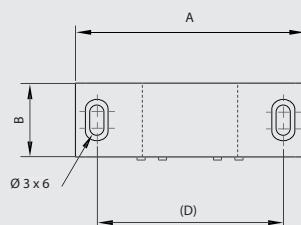
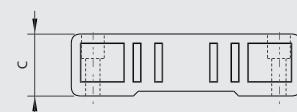
Magnetic catches

Screw-on magnetic catches

Screw-on magnetic catches with counterplate - force 4 kg

POLYMER

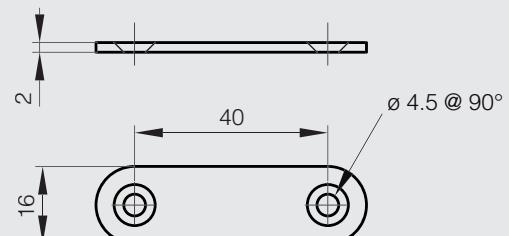
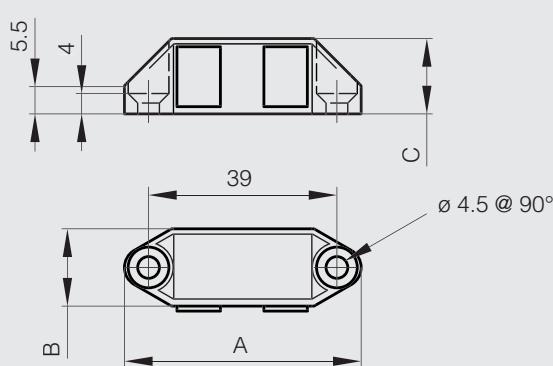
Part number	Material	Finish	A	B	C	D	Force	Weight (g)
16-7-4278	polymer	white	48	15.5	13	37.5	4kg	22



Screw-on magnetic catches with counterplate - force 4 kg - high temperature resistance

ZAMAK

Part number	Material	Finish	A	B	C	Force	Note	Weight (g)
16-7-3494	zinc die-cast	nickel plated	49.4	16.4	15.6	4kg	temperature up to 80°C	56
16-7-3610	zinc die-cast	nickel plated	49.4	16.4	15.6	4kg	temperature up to 300°C	56





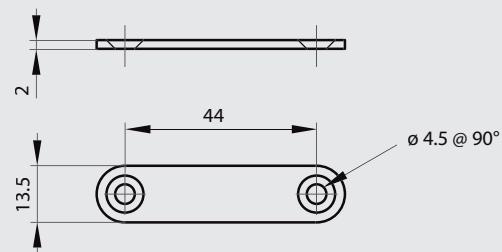
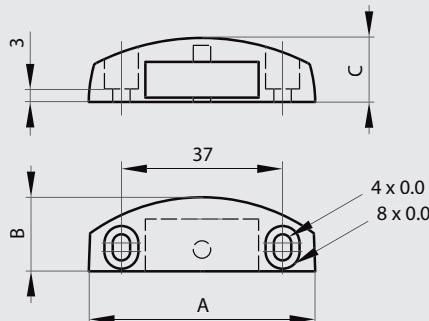
Magnetic catches

Screw-on magnetic catches

Screw-on magnetic catch with counterplate - force 4 kg

ZAMAK

Part number	Material	Finish	A	B	C	Force	Weight (g)
16-7-3483	zinc die-cast	nickel plated	54	16	15	4kg	49

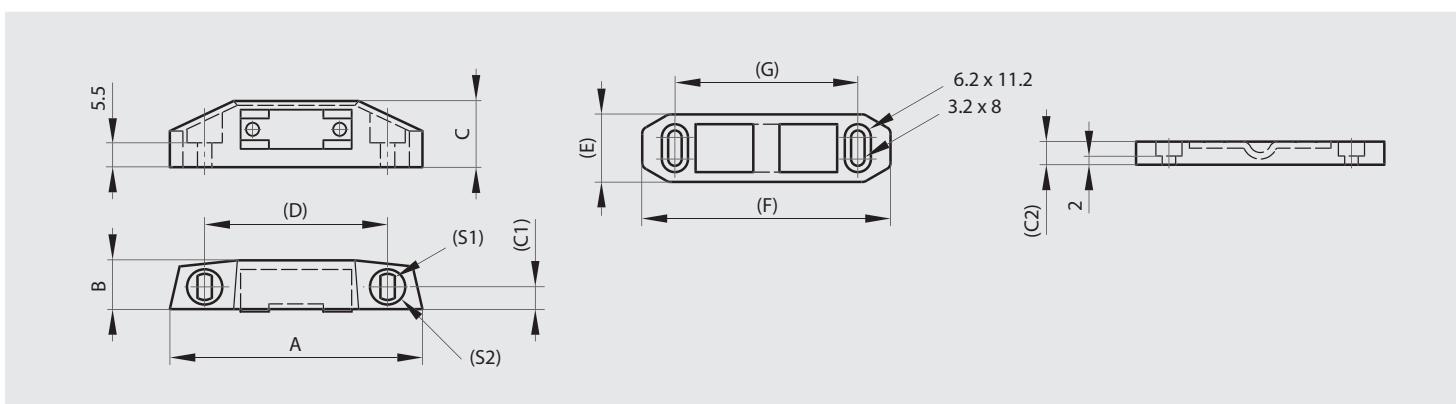
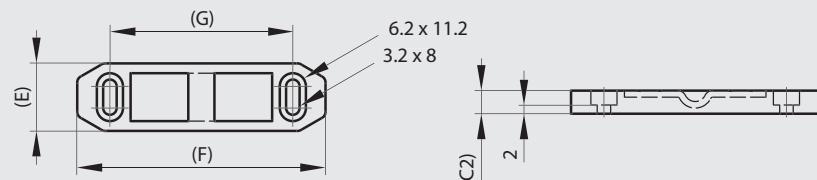
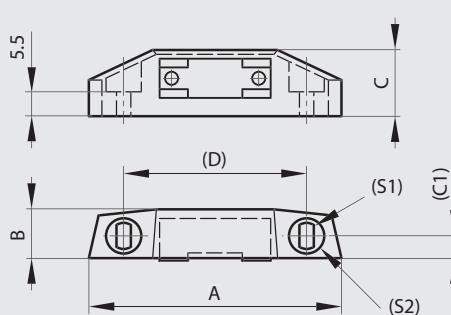


Screw-on magnetic catches with counterplate - force 3 to 6 kg

POLYMER

Forces valid with the related counterplate.

Part number	Material	Finish	A	B	C	C1	C2	D	E	F	G	S1	S2	Force	Weight (g)
16-7-3487	polymer	white	58	12	15.2	5	5	42	15.5	57	42	3.2x6	8.1	4kg	31
16-7-3488	polymer	white	62.1	12.6	15.2	6	5.5	45	16.4	62	44.7	3.2x6	8.1	6kg	41





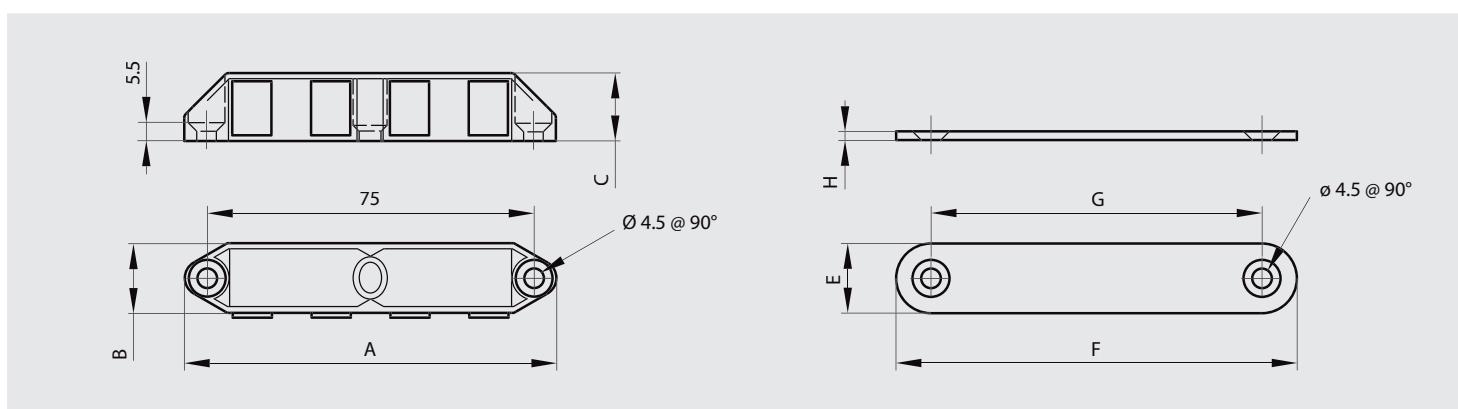
Magnetic catches

Screw-on magnetic catches

Screw-on magnetic catches with counterplate - force 8 kg - high temperature resistance

ZAMAK RoHS

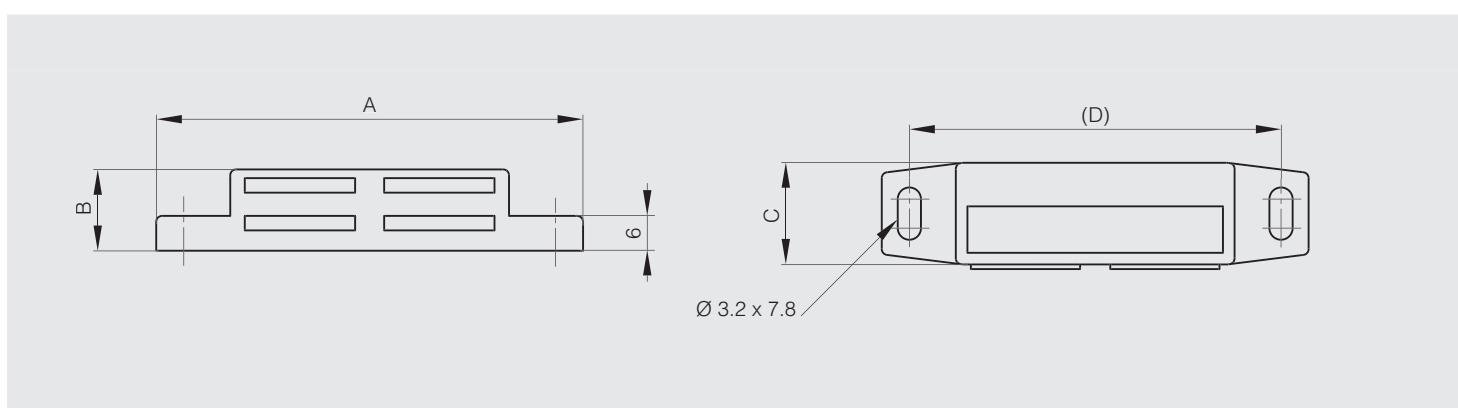
Part number	Material	Finish	A	B	C	E	F	G	H	Force	Note	Weight (g)
16-7-3391	zinc die-cast	nickel plated	86	16.4	15.6	16	92	76	2	8kg	temperature up to 80°C	112
16-7-3611	zinc die-cast	nickel plated	86	16.4	15.6	13	92	76	2	8kg	temperature up to 300°C	112



Screw-on magnetic catch without counterplate - force 12 kg

POLYMER RoHS

Part number	Material	Finish	A	B	C	D	Force	Weight (g)
16-7-3672	polymer	white	74	14	17.5	64	12kg	37





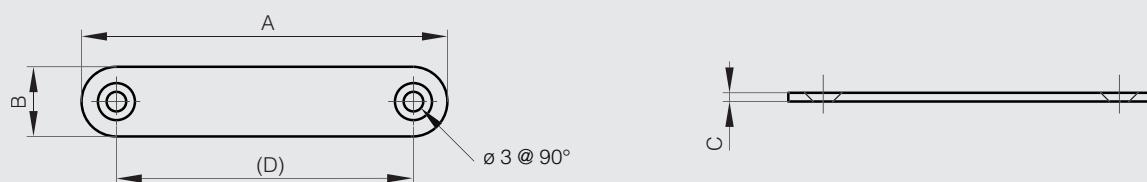
Magnetic catches

Screw-on magnetic catches

Counter plate for magnetic catch 16-7-3672

STEEL

Part number	Material	Finish	A	B	C	D	Weight (g)
16-7-3673	steel	zinc plated	66	12	2	54	11



Screw-on magnetic catch with counter plate - force 7 kg

NEW

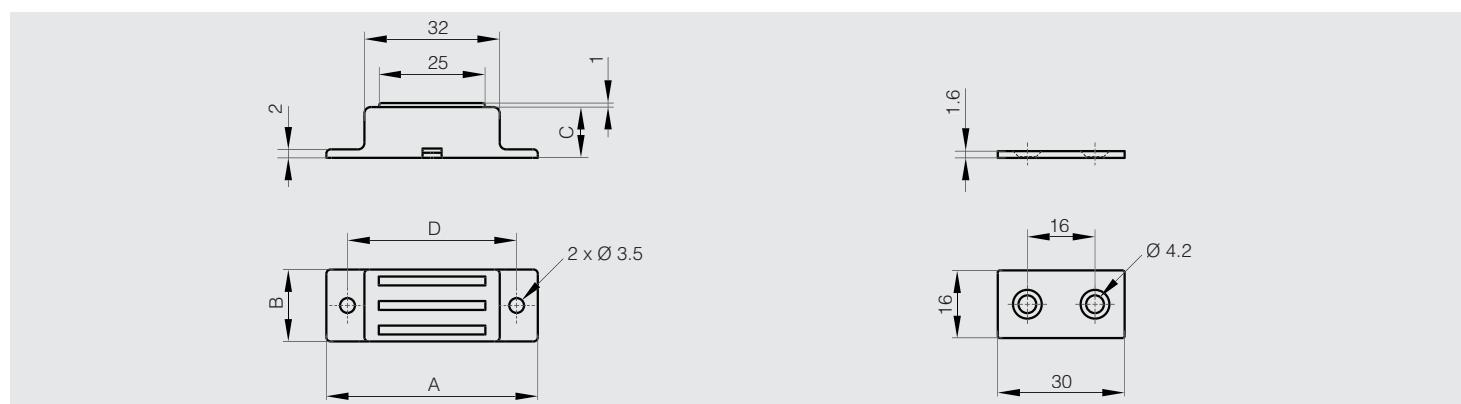
BRASS

Supplied with counter plate.

Material:

Catch: brass / steel / ferrite / aluminium alloy.

Counter plate: nickel plated steel.





Magnetic catches

Screw-on magnetic catches

Screw-on magnetic catch without counter plate - force 14 kg

Strong magnetic force.

Material: 304 stainless steel / steel / neodymium.

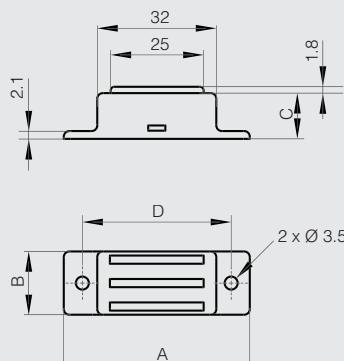
Counter plate not included.



STAINLESS STEEL



Part number	Material	Finish	A	B	C	D	Force	Weight (g)
NEW 16-7-4297	304 stainless steel	polished	50	17	12.3	40	14kg	41



Screw-on magnetic catch without counter plate - force 7 and 14 kg - high temperature resistance

Suitable for high temperature environments up to 250°C.

Strong magnetic force. Corrosion free.

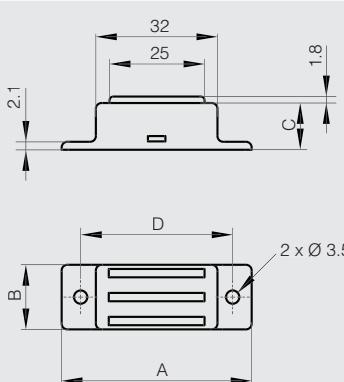
Counter plate not included.



STAINLESS STEEL



Part number	Material	Finish	A	B	C	D	Force	Weight (g)
NEW 16-7-4294	304 stainless steel	polished	50	17	12.3	40	7.1Kg	40
NEW 16-7-4295	304 stainless steel	polished	50	17	12.3	40	14.3Kg	40





Magnetic catches

Snap-in magnetic catches

Snap-in magnets without counterplate

Snap-in magnets for sheet metal applications. Suitable for material thicknesses 1.6 mm or 2.6 mm.

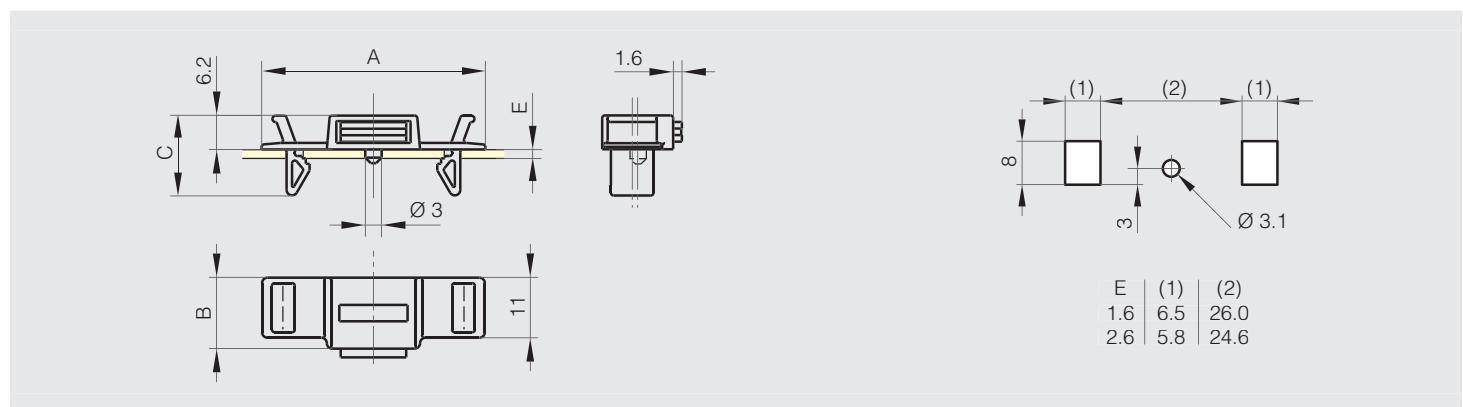
E denotes material thickness.

Cut-out varies to suit metal thickness.

Flex-tab for easy removal.

POLYMER

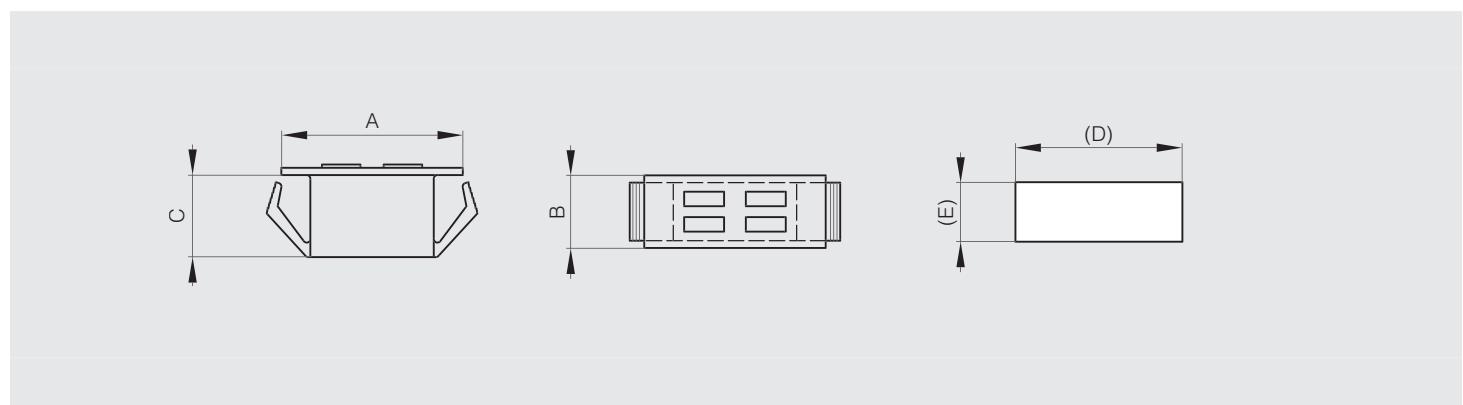
Part number	Material	Finish	A	B	C	Force	Weight (g)
16-7-4209	polymer	black	41	13	14.6	3kg	5.5



Snap-in magnets

POLYMER RoHS

Part number	Material	Finish	A	B	C	D	E	Force	Note	Weight (g)
16-7-4013	polypropylene	white	25.5	12.3	10.4	23	11	1.5kg	for sheetmetal thickness 1.5 mm	4
16-7-4014	polypropylene	white	25.5	9.6	11	23	8.2	1.8kg	for sheetmetal thickness 1.5 mm	4
16-7-4015	polypropylene	white	39.5	10	11	35	8.2	4kg	for sheetmetal thickness 1.5 mm	8
16-7-3674	polypropylene	black	54	12.5	14.5	51.5	10.8	15kg	for sheetmetal thickness 2.0 mm	32





Magnetic catches

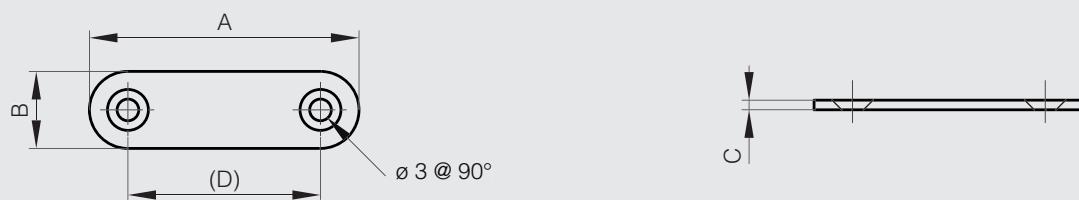
Snap-in magnetic catches

Counterplates for snap-in magnets

Counterplates for part numbers 16-7-4013, 16-7-4014, 16-7-4015 and 16-7-3674.

STEEL

Part number	Material	Finish	A	B	C	D	Note	Weight (g)
16-7-3351	steel	zinc plated	41	14	1.5	31	for part numbers 16-7-4013 and 16-7-4014	6
16-7-3673	steel	zinc plated	66	12	2	54	for part numbers 16-7-3674 and 16-7-4015	11



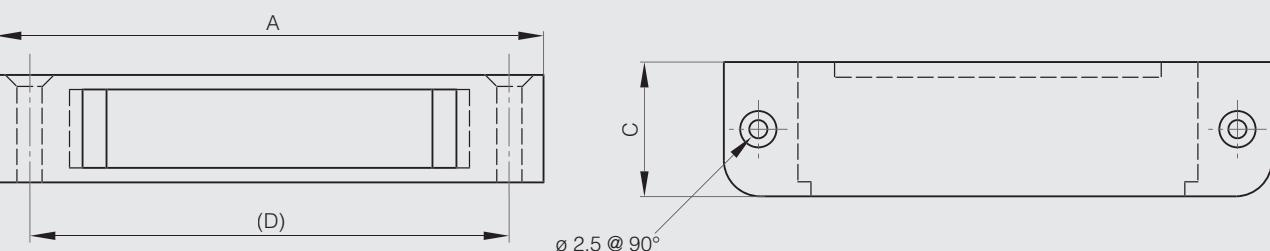
Housing

Housing for part number 16-7-3674.

For screw-mounting.

POLYMER

Part number	Material	Finish	A	B	C	D	Weight (g)
16-7-3675	polymer	black	75.5	14.8	18.5	65	8





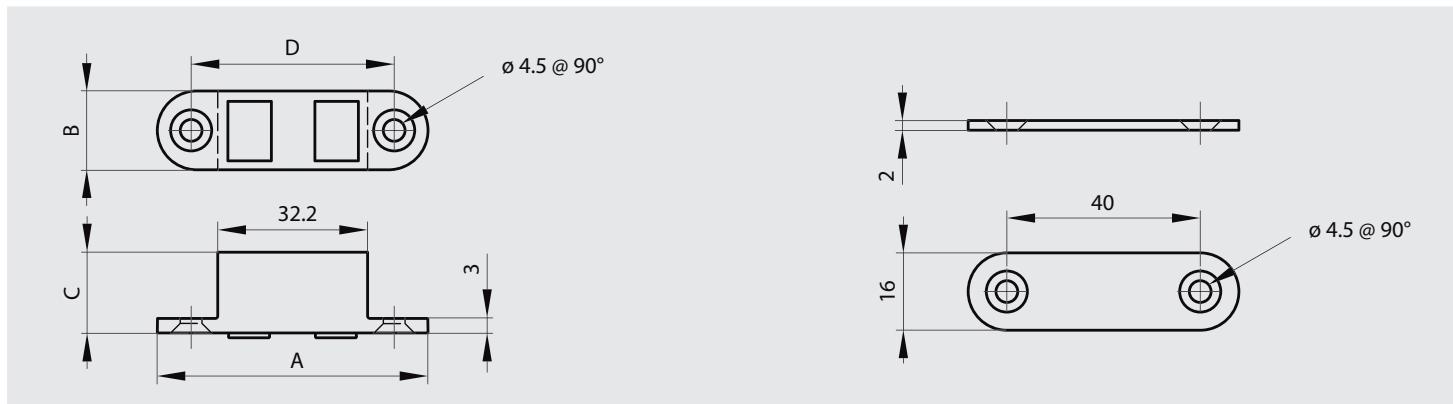
Magnetic catches

Flush magnetic catches

Flush magnet with high temperature resistance - force 4 kg

ZAMAK

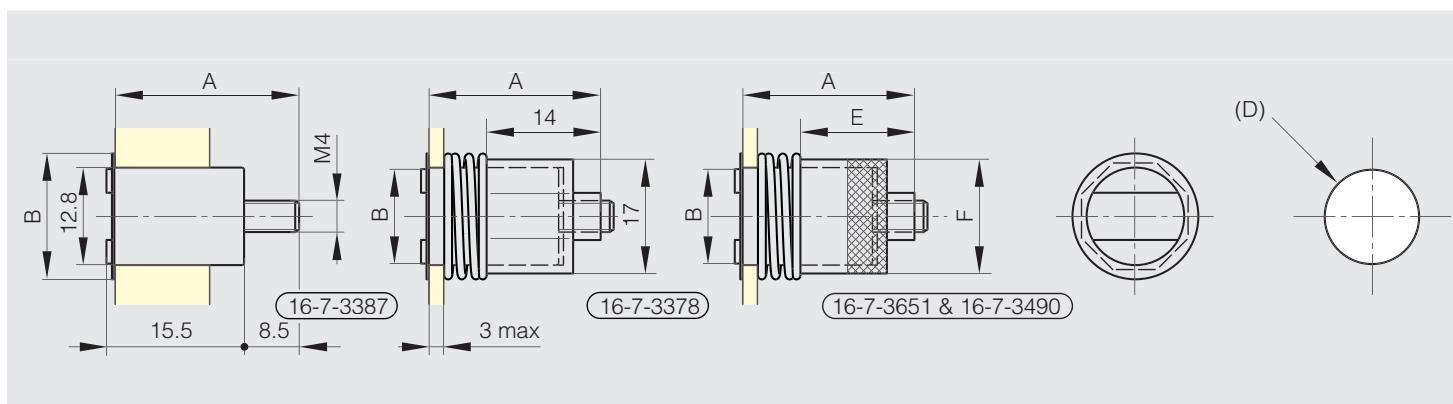
Part number	Material	Finish	A	B	C	D	Force	Note	Weight (g)
16-7-3484	zinc die-cast	nickel plated	56	16.3	16.7	42	4kg	temperature up to 150°C	63.5



Flush compact magnetic catch without counterplate - force 5 kg

STEEL

Part number	Material	Finish	A	B	D	Force	Weight (g)
16-7-3387	steel	zinc plated	24	16	13.5	5kg	13





Magnetic catches

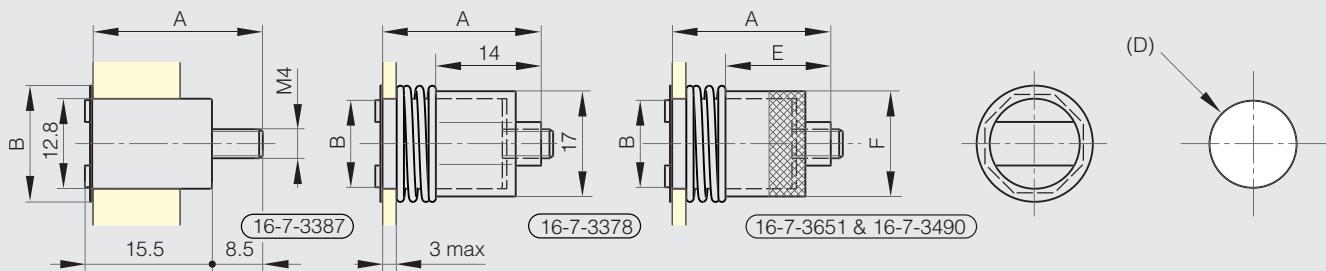
Flush magnetic catches

Flush compact magnetic catch without counterplate - force 4.2 kg

Fixing by plastic nut.

STEEL

Part number	Material	Finish	A	B	D	Force	Weight (g)
16-7-3378	steel	zinc plated	24	12	13.5	4.2kg	14



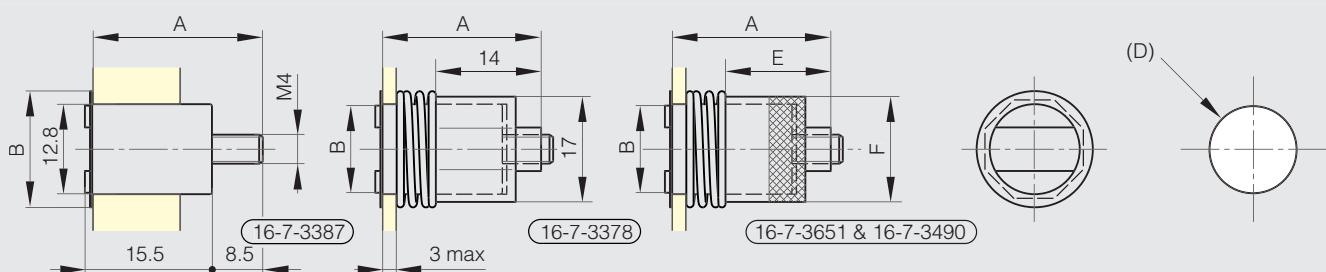
Flush compact catch without counterplate - high temperature resistance

Temperature resistance up to 250°C.

Fixing by knurled nut in aluminium.

STEEL

Part number	Material	Finish	A	B	D	E	F	Force	Weight (g)
16-7-3490	steel	zinc plated	26	12	13.5	14.2	16.5	4.2kg	17.5
16-7-3651	steel	zinc plated	32	16	17.5	19.2	21.5	8kg	40





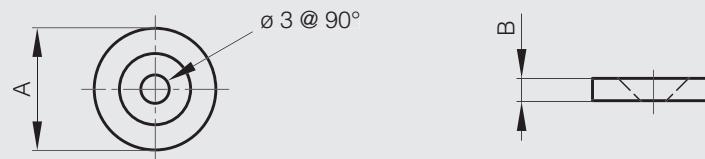
Magnetic catches

Flush magnetic catches

Counter plate for part numbers 16-7-3378, 16-7-3387, 16-7-3490 and 16-7-3651



Part number	Material	Finish	A	B	Weight (g)
16-7-3349	steel	zinc plated	15.1	3	4





Magnetic catches

Self-adhesive magnetic profile

Self-adhesive magnetic profile



Sold in 30 meter rolls.

The weight indicated in grams in the table is for 1 meter.

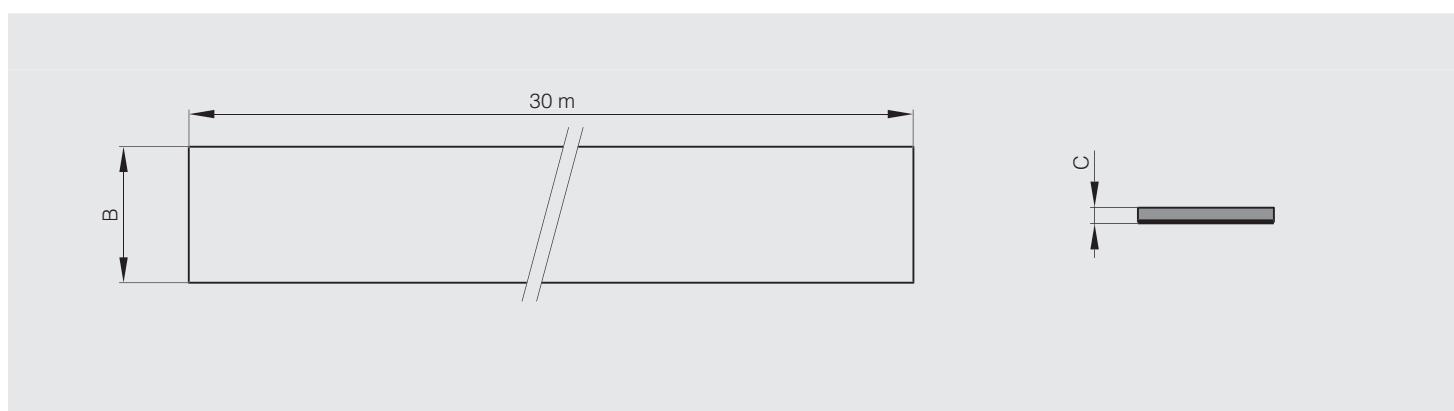
The weight of a roll (30 meters) is:

- 3.36 kg for the part number 16-7-3682.
- 8.70 kg for the part number 16-7-3683.

Heat resistance : 100°C



Part number	Material	Finish	B	C	Force	Weight (g)
16-7-3682	flexible magnet	self adhesive	19	1.5	55 g/cm ²	112
NEW 16-7-3683	flexible magnet	self adhesive	50	1.5	55 g/cm ²	290





Toggles latches

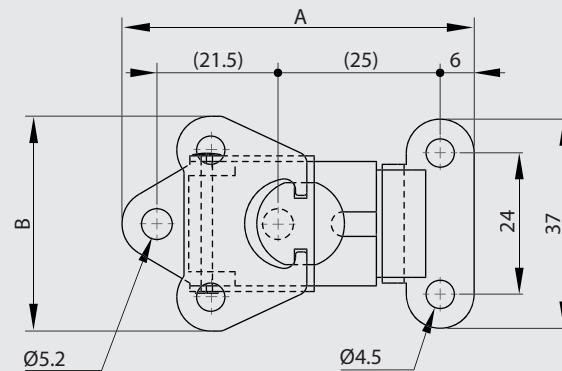
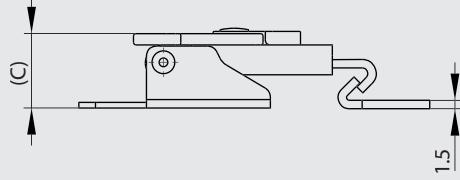
Rotary toggle latches

Rotary toggle latches

Strike included.

STAINLESS STEEL STEEL

Part number	Material	Finish	A	B	C	Note	Weight (g)
16-1-9012	steel	zinc plated	62	38	13.2	with strike	50
16-1-9013	304 stainless steel	raw	62	38	13.2	with strike	50

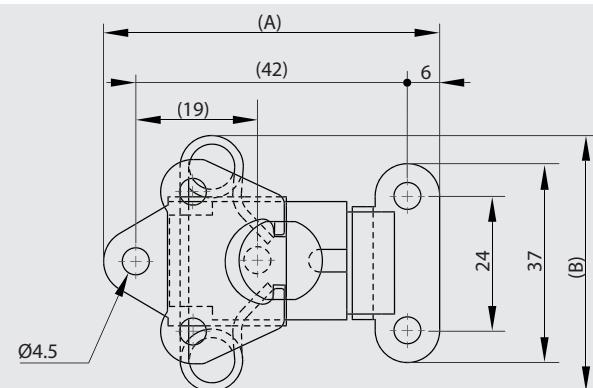
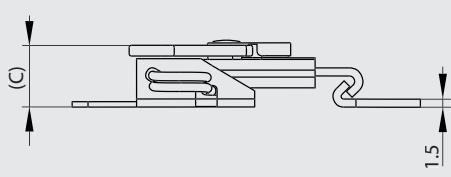


Spring loaded rotary toggle latches

Strike included.

STAINLESS STEEL STEEL

Part number	Material	Finish	A	B	C	Note	Weight (g)
16-1-9014	steel	zinc plated	62	46	12	with strike	60
16-1-9015	304 stainless steel	raw	62	46	12	with strike	60





Toggles latches

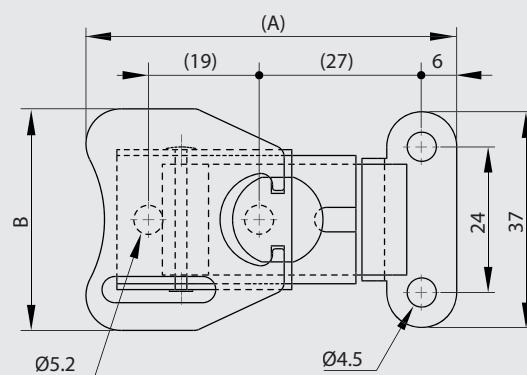
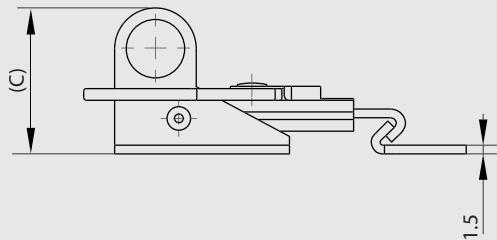
Rotary toggle latches

Padlockable rotary toggle latches

Strike included.

STAINLESS STEEL STEEL ✓ RoHS

Part number	Material	Finish	A	B	C	Note	Weight (g)
16-1-9016	steel	zinc plated	64	38	24	with strike	60
16-1-9017	304 stainless steel	raw	64	38	24	with strike	60





Toggles latches

Toggle latches - locking

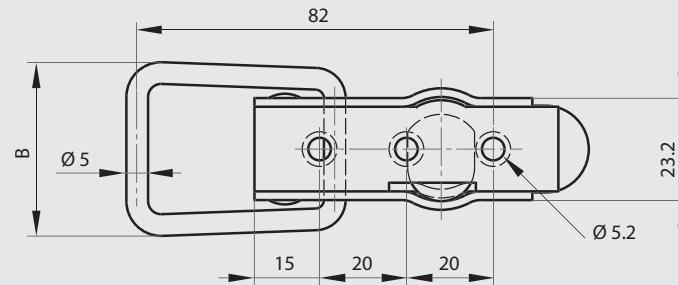
Lockable toggle latch without strike

Keyed alike (2 identical keys).
Strike not included.



STAINLESS STEEL STEEL ✓ RoHS

Part number	Material	Finish	A	B	C	Weight (g)
16-1-4050	steel	zinc plated	106.5	40	17	132
NEW 16-1-9024	steel	black cataphoresis	106.5	40	17	132
16-1-4257	304 stainless steel	raw	106.5	40	17	132

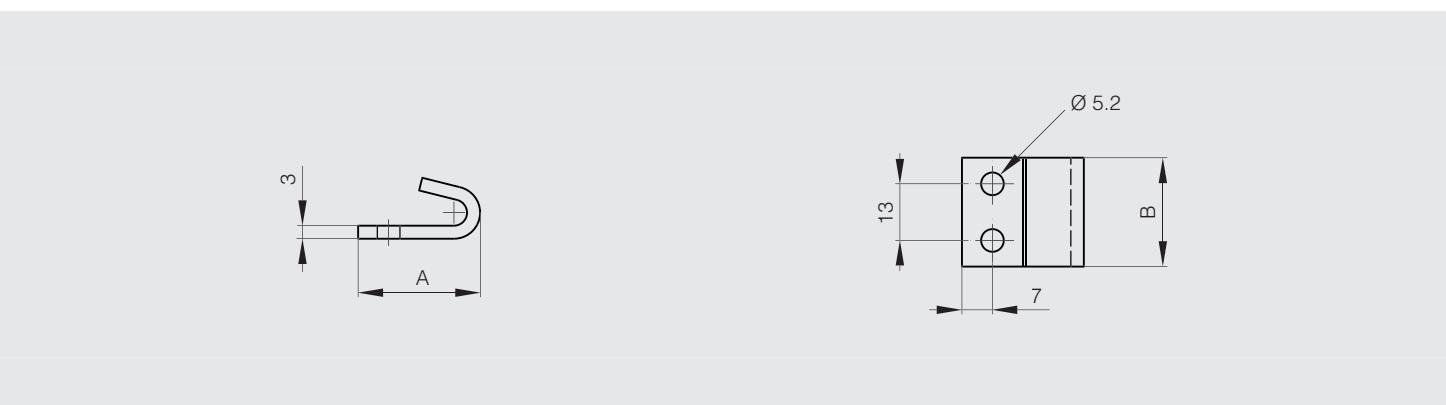
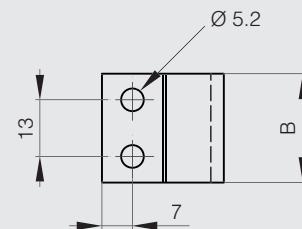


Strikes for part numbers 16-1-4050, 16-1-4257 and 16-7-9024

Possible alternative strikes: 16-1-4038, 16-7-3406 and 16-7-3870.

STAINLESS STEEL STEEL ✓ RoHS

Part number	Material	Finish	A	B	Weight (g)
16-7-3551	steel	zinc plated	28	25	24
16-7-3601	304 stainless steel	raw	28	25	24





Toggles latches

Toggle latches - locking

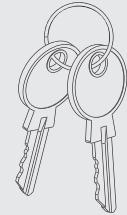
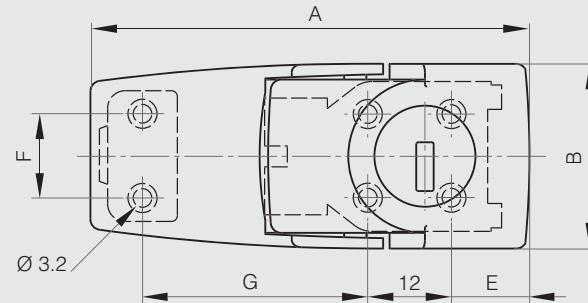
Zinc die-cast toggle latches with or without lockable options

Available with or without keylock options.

Strike included.



Part number	Material	Finish	A	B	C	E	F	G	Note	Weight (g)
16-1-9003	zinc die-cast	black	64.5	26.5	17.3	13	12	30	with key	72
16-1-9004	zinc die-cast	black	64.5	26.5	17.3	13	12	30	without key	72
16-1-9001	zinc die-cast	black	76	32	21	16.8	16	35.5	with key	118
16-1-9002	zinc die-cast	black	76	32	21	16.8	16	35.5	without key	118

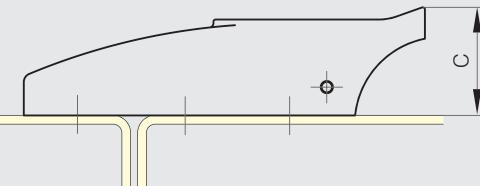
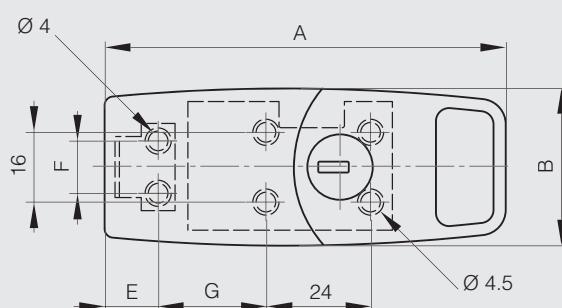


Zinc die-cast toggle latch with lockable options

Strike included.



Part number	Material	Finish	A	B	C	E	F	G	Weight (g)
16-1-9005	zinc die-cast	black	92	36	25	12	12	28-32	168





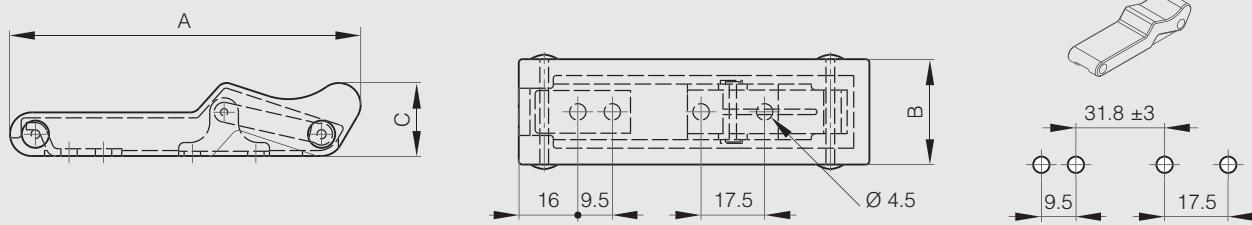
Toggles latches

Standard toggle latches

Soft toggle latch

POLYMER

Part number	Material	Finish	A	B	C	Weight (g)
16-1-9006	elastomer	black	96.5	29	20	36

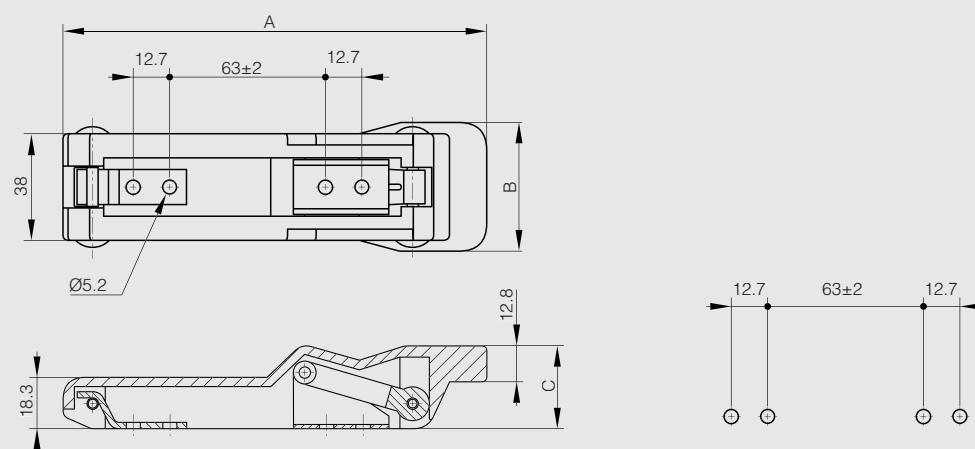


Large soft toggle latch

POLYMER

Stainless steel strike.

Part number	Material	Finish	A	B	C	Weight (g)
16-1-9011	elastomer	black	151	45.7	29.5	130





Toggles latches

Standard toggle latches

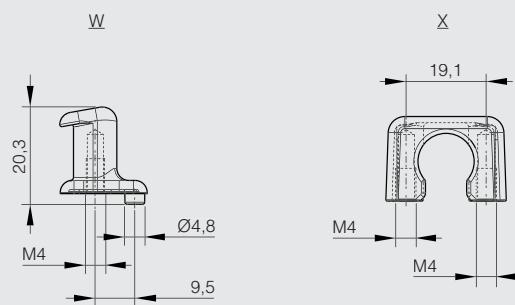
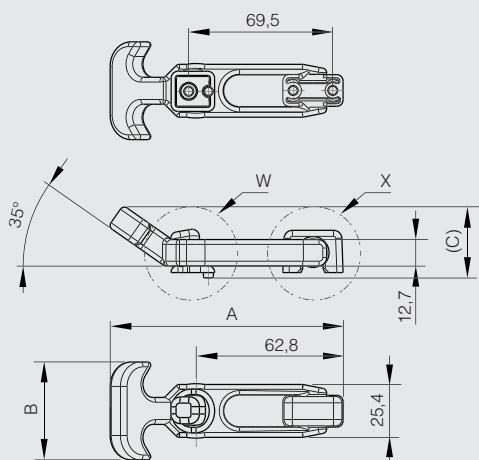
Flexible T-handle latch

Keeper and bracket is Nylon.



POLYMER
RoHS

Part number	Material	Finish	A	B	C	Weight (g)
NEW 16-7-4276	elastomer	black	112	47	34	39

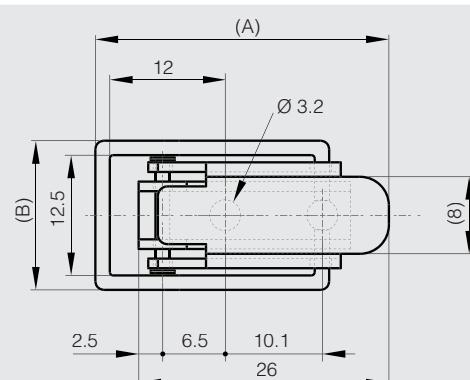
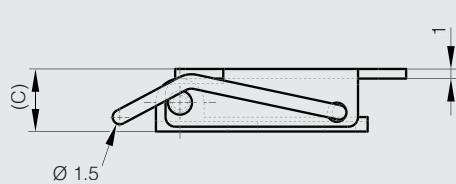


Mini toggle latch without strike - 30.5 mm



STEEL
RoHS

Part number	Material	Finish	A	B	C	Weight (g)
NEW 16-1-4111	steel	zinc plated	30.5	15.4	6.5	4





Toggles latches

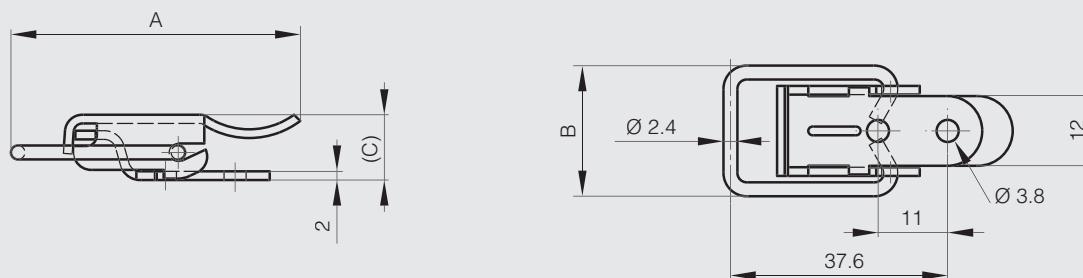
Standard toggle latches

Toggle latches without strike - 50 mm

These latches are used with strike part numbers 16-7-3414, 16-7-3529 and 16-7-3531.
Padlockable option available for part number 16-7-3394.

STAINLESS STEEL STEEL

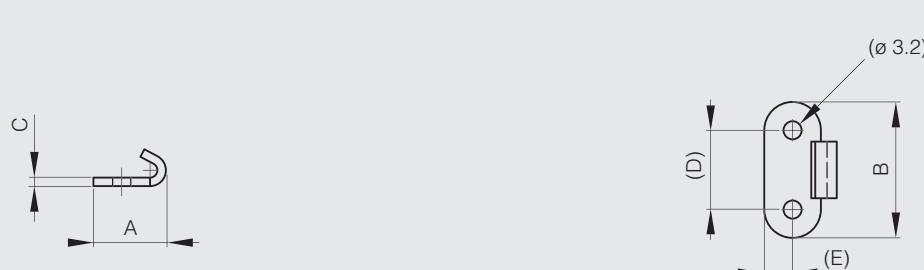
Part number	Material	Finish	A	B	C	Note	Weight (g)
16-7-3410	steel	zinc plated	50	22	12.5	drilled	20
16-7-3525	304 stainless steel	raw	50	22	12.5	drilled	20
16-7-3527	304 stainless steel	raw	50	23.4	11.7	undrilled	20



Strikes for part numbers 16-7-3410, 16-7-3525 and 16-7-3527

STAINLESS STEEL STEEL

Part number	Material	Finish	A	B	C	D	E	Note	Weight (g)
16-7-3414	steel	zinc plated	13.7	24	1.5	14	5	drilled	3.5
16-7-3531	304 stainless steel	raw	13.4	24	1.5			undrilled	3.5
16-7-3529	304 stainless steel	raw	13.4	24	1.5	14	5	drilled	3.5





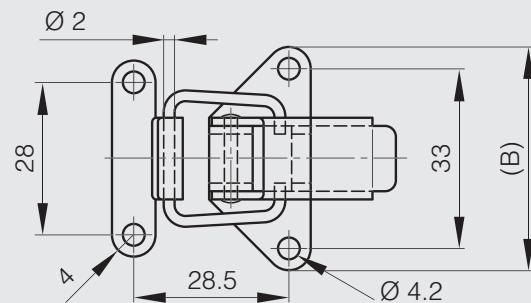
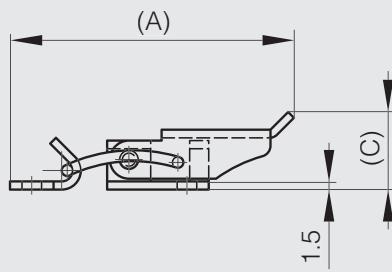
Toggles latches

Standard toggle latches

Toggle latches with strike - 52 mm

STAINLESS STEEL STEEL ✓ RoHS

Part number	Material	Finish	A	B	C	Weight (g)
16-7-3845	steel	zinc plated	52	41	13.5	23
16-7-3846	304 stainless steel	raw	52	41	13.5	23



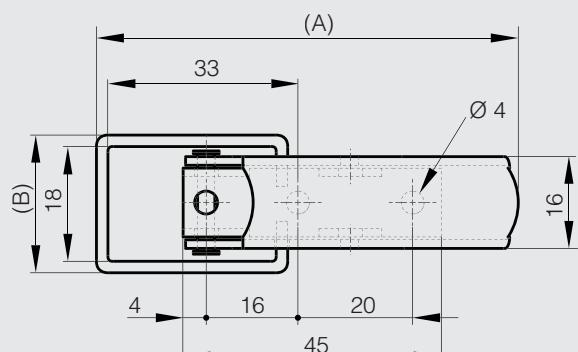
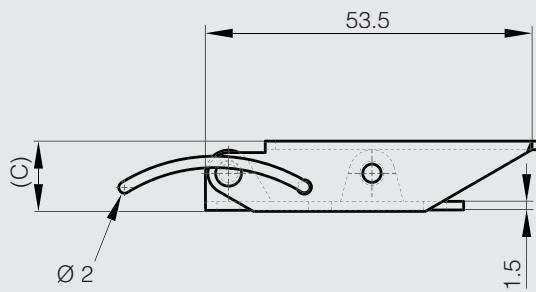
Toggle latch without strike - 73.5 mm



STEEL ✓ RoHS

With seal wire hole.
Strike not included.

Part number	Material	Finish	A	B	C	Weight (g)
NEW 16-1-4130	steel	zinc plated	73.5	22	13	29





Toggles latches

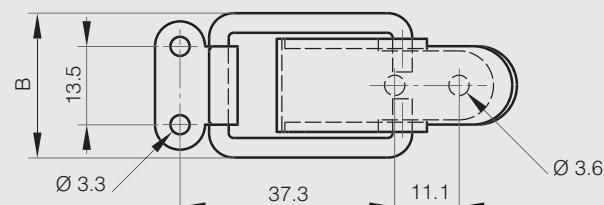
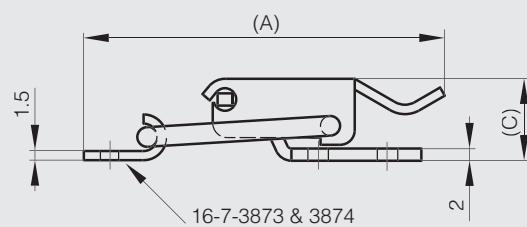
Standard toggle latches

Toggle latches without strike - 58.1 mm

This latch is used with strike, part numbers 16-7-3873 and 16-7-3874.

STAINLESS STEEL STEEL ✓ RoHS

Part number	Material	Finish	A	B	C	Weight (g)
16-7-3875	steel	zinc plated	58.1	23.4	12.7	32
16-7-3876	304 stainless steel	raw	58.1	23.4	12.7	32



Strikes for part numbers 16-7-3875 and 16-7-3876

STAINLESS STEEL STEEL ✓ RoHS

Part number	Material	Finish	Weight (g)
16-7-3873	steel	zinc plated	3.5
16-7-3874	304 stainless steel	raw	3.5





Toggles latches

Standard toggle latches

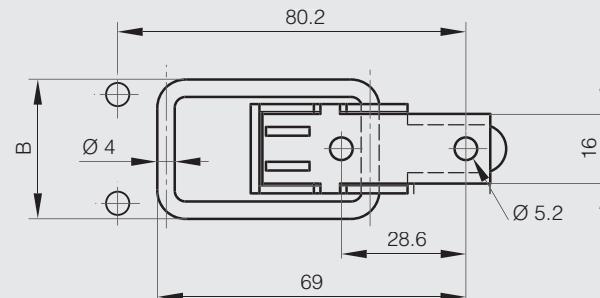
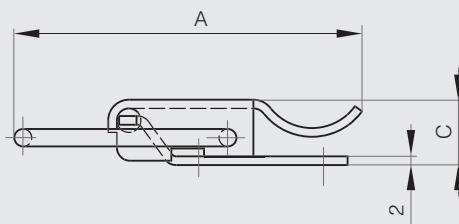
Toggle latches without strike - 80.2 mm

The latches are used with strikes part numbers 16-7-3415 and 16-7-3530.

Latches are available with padlockable option part numbers 16-7-3395, 16-7-3397, 16-7-3723 and 16-7-3724.

STAINLESS
STEEL STEEL ✓
RoHS

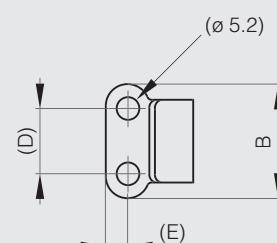
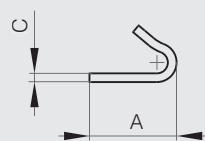
Part number	Material	Finish	A	B	C	Note	Weight (g)
16-7-3411	steel	zinc plated	80.2	32	14.5	drilled	53.5
16-7-3526	304 stainless steel	raw	80.2	32	14.5	drilled	53.5



Strikes for part numbers 16-7-3411 and 16-7-3526

STAINLESS
STEEL STEEL ✓
RoHS

Part number	Material	Finish	A	B	C	D	E	Note	Weight (g)
16-7-3415	steel	zinc plated	20	26.2	2	15	5.1	drilled	9
16-7-3530	304 stainless steel	raw	20	26.5	2	15	5.2	drilled	9





Toggles latches

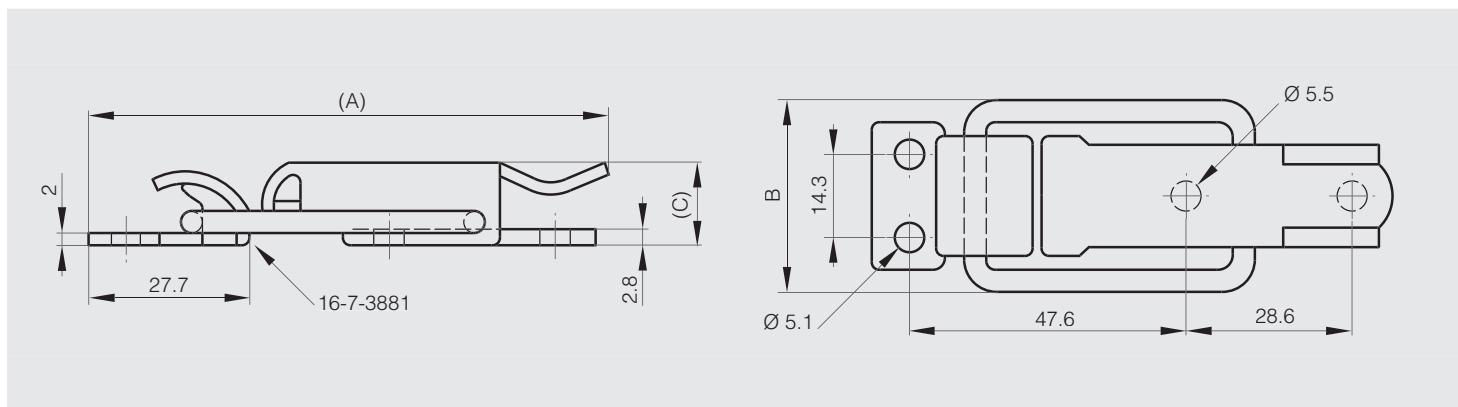
Standard toggle latches

Toggle latch without strike - 89.7 mm

This latch is used with strike part number 16-7-3881.



Part number	Material	Finish	A	B	C	Weight (g)
16-7-3880	steel	zinc plated	89.7	33	14.2	68



Strike for part number 16-7-3880



Part number	Material	Finish	Weight (g)
16-7-3881	steel	zinc plated	9





Toggles latches

Standard toggle latches

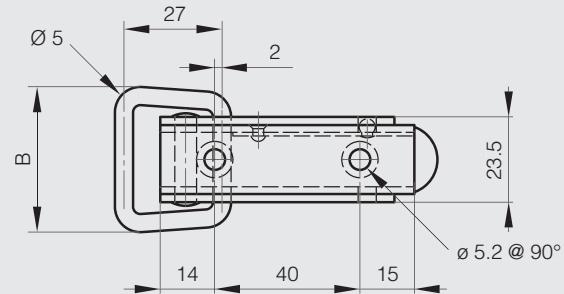
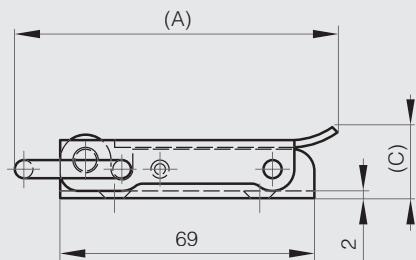
Toggle latches without strike - 88.5 mm

Punched holes.

These latches are used with strike part numbers 16-7-3551 and 16-7-3601.

STAINLESS STEEL STEEL ✓
STEEL RoHS

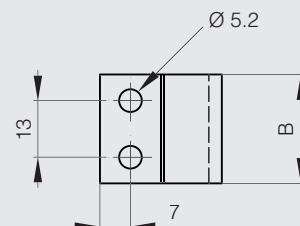
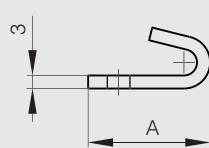
Part number	Material	Finish	A	B	C	Weight (g)
16-7-3508	steel	zinc plated	88.5	40	20	106
16-7-3829	304 stainless steel	raw	88.5	40	20	106



Strikes for part numbers 16-7-3508 and 16-7-3829

STAINLESS STEEL STEEL ✓
STEEL RoHS

Part number	Material	Finish	A	B	Weight (g)
16-7-3551	steel	zinc plated	28	25	24
16-7-3601	304 stainless steel	raw	28	25	24





Toggles latches

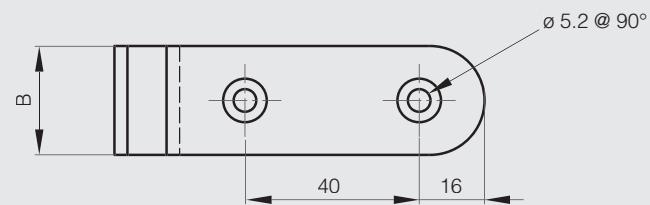
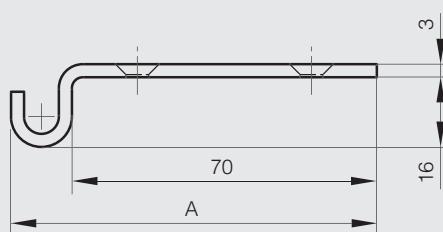
Standard toggle latches

Other strikes for part numbers 16-7-3508 and 16-7-3829

Drilled and countersunk for 4,5 mm diameter screws.

STAINLESS STEEL STEEL ✓ RoHS

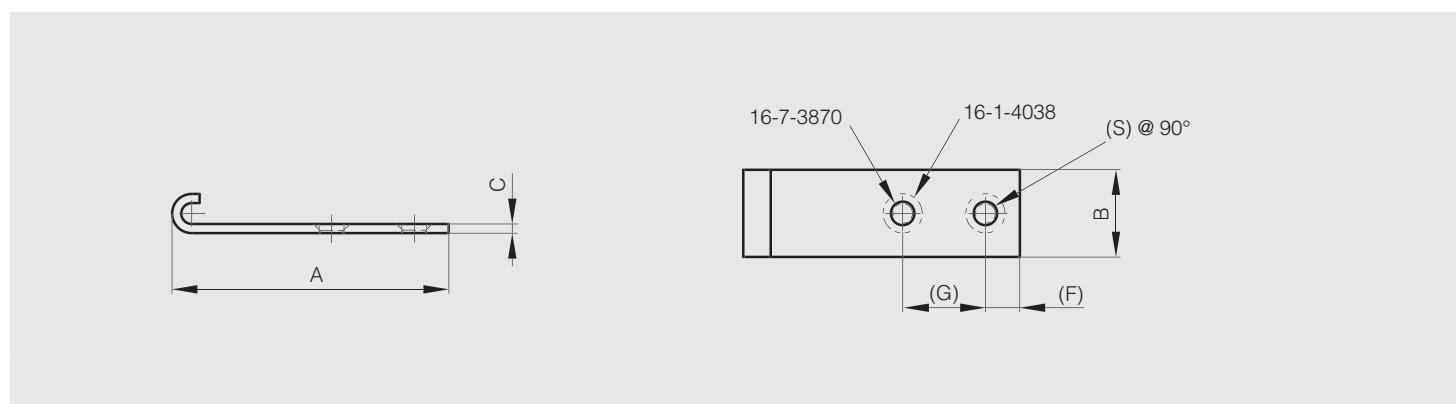
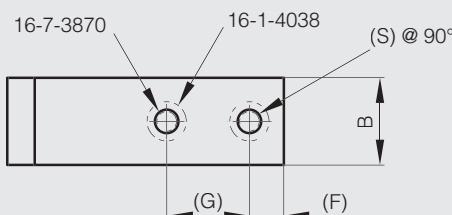
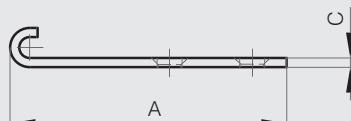
Part number	Material	Finish	A	B	Weight (g)
16-7-3406	steel	zinc plated	85	25	57
16-7-3828	304 stainless steel	raw	85	25	57



Other strikes for part number 16-7-3508

STEEL ✓ RoHS

Part number	Material	Finish	A	B	C	F	G	S	Weight (g)
16-1-4038	steel	zinc plated	63	25	3	8.8	26	4.5	42
16-7-3870	steel	zinc plated	63.5	20	2	7.9	19	5.4	24





Toggles latches

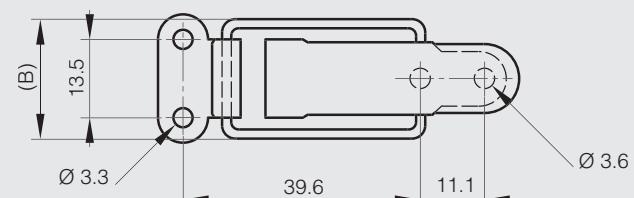
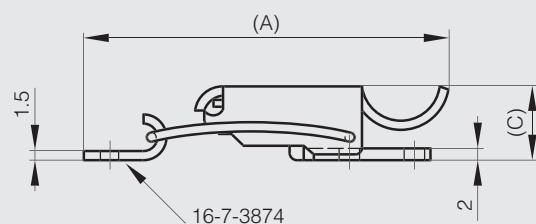
Standard toggle latches

Toggle latches without strike (consistent tension)

This latch is used with strike part number 16-7-3874.



Part number	Material	Finish	A	B	C	Weight (g)
16-7-3891	304 stainless steel	raw	58.6	20.6	12.7	27



Strike for part number 16-7-3891



Part number	Material	Finish	Weight (g)
16-7-3874	304 stainless steel	raw	3.5





Toggles latches

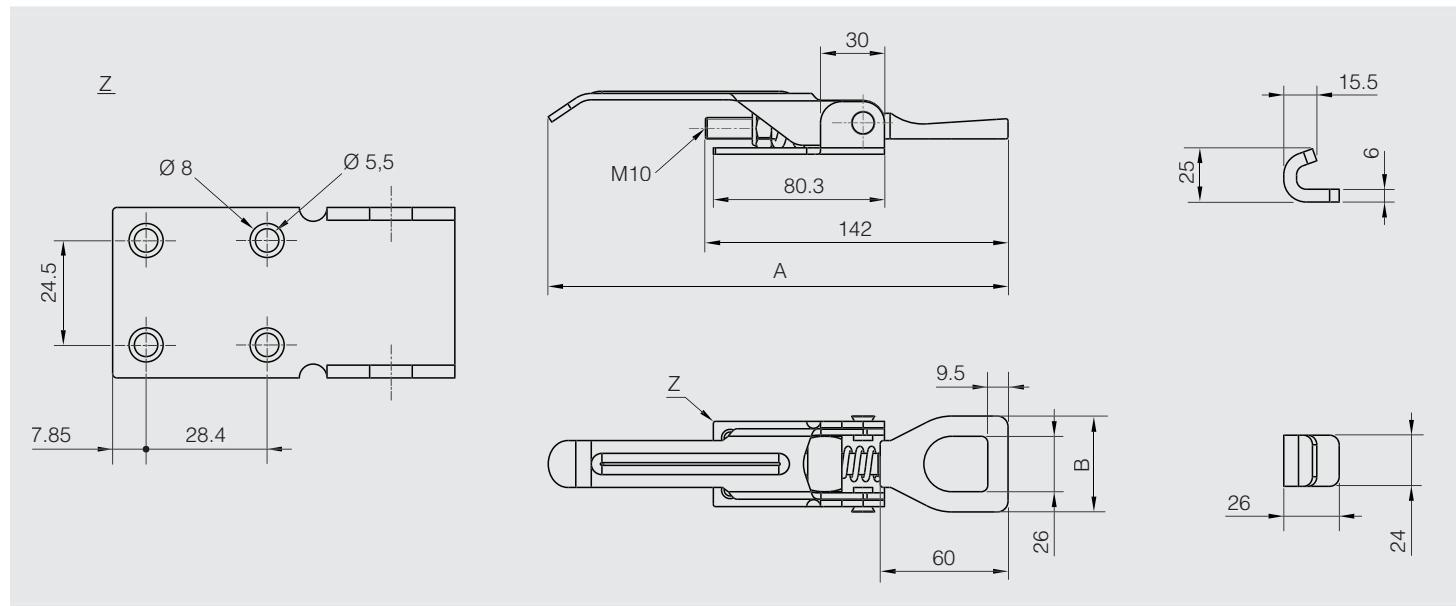
Standard toggle latches

Heavy duty toggle latch with strike



STEEL RoHS

Part number	Material	Finish	A	B	Weight (g)
NEW 16-7-4277	steel	zinc plated	215.8	45	47





Toggles latches

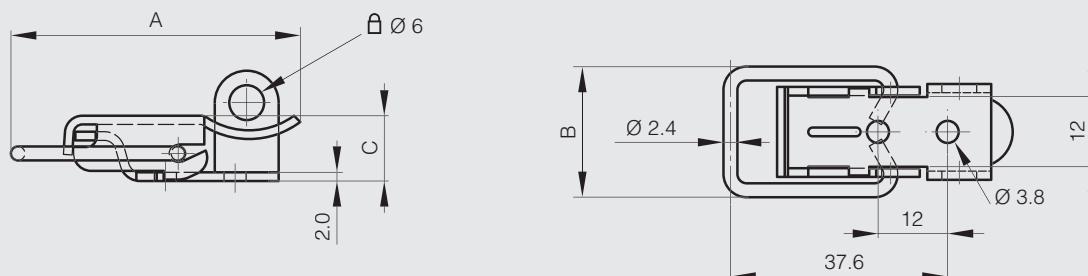
Padlockable toggle latches

Padlockable toggle latches - 49 mm

This latch is used with strike part number 16-7-3414.

STEEL

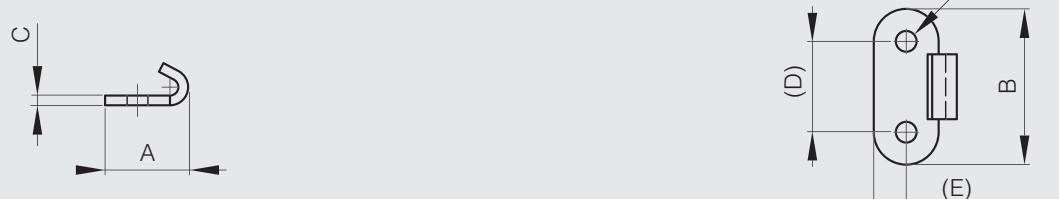
Part number	Material	Finish	A	B	C	Weight (g)
16-7-3394	steel	zinc plated	49	22.5	19	25



Strike for part number 16-7-3394

STEEL

Part number	Material	Finish	A	B	C	D	E	Note	Weight (g)
16-7-3414	steel	zinc plated	13.7	24	1.5	14	5	drilled	3.5





Toggles latches

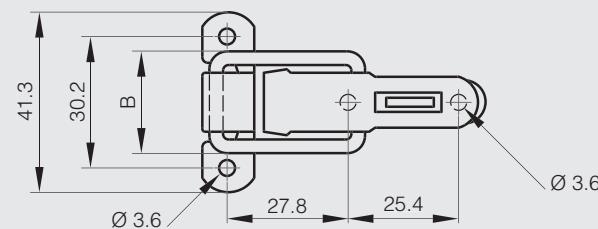
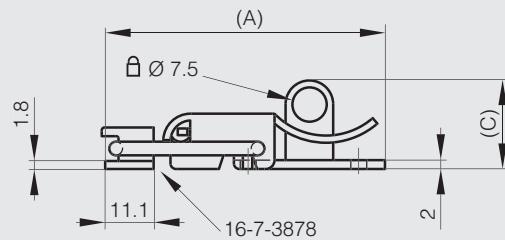
Padlockable toggle latches

Padlockable toggle latch without strike - 65 mm

This latch is used with strike part number 16-7-3878.



Part number	Material	Finish	A	B	C	Weight (g)
16-7-3879	steel	zinc plated	65	23.4	20.3	36



Strike for part number 16-7-3879



Part number	Material	Finish	Weight (g)
16-7-3878	steel	zinc plated	4.5





Toggles latches

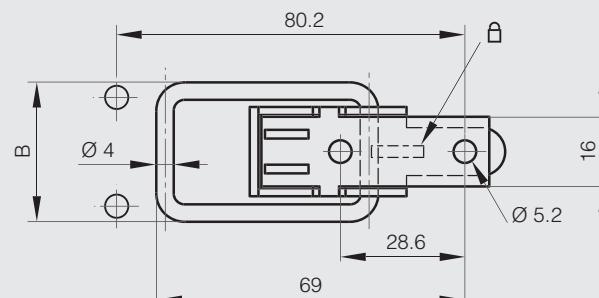
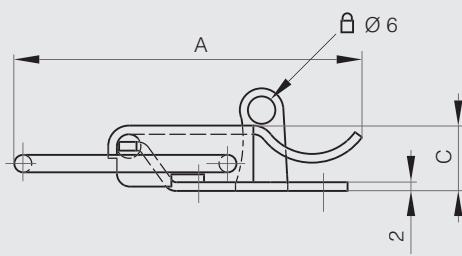
Padlockable toggle latches

Padlockable toggle latches - 80.2 mm

These latches are used with strike part numbers 16-7-3729 and 16-7-3730.

STAINLESS STEEL STEEL ✓ RoHS

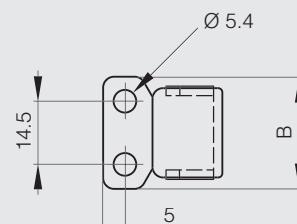
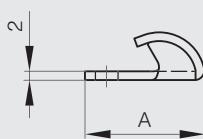
Part number	Material	Finish	A	B	C	Note	Weight (g)
16-7-3723	steel	zinc plated	80.2	32	23.5	drilled	55
16-7-3724	304 stainless steel	raw	80.2	32	23.5	drilled	55



Strikes for part numbers 16-7-3723 and 16-7-3724

STAINLESS STEEL STEEL ✓ RoHS

Part number	Material	Finish	A	B	Note	Weight (g)
16-7-3729	steel	zinc plated	27.4	26	drilled	10
16-7-3730	304 stainless steel	raw	27.4	26	drilled	10





Toggles latches

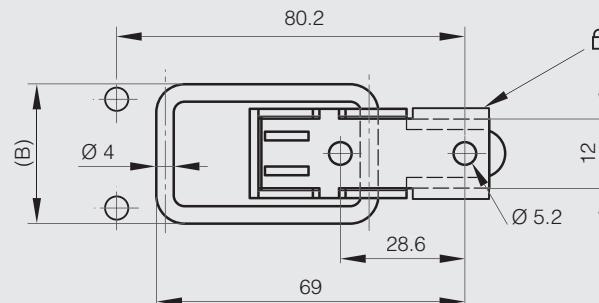
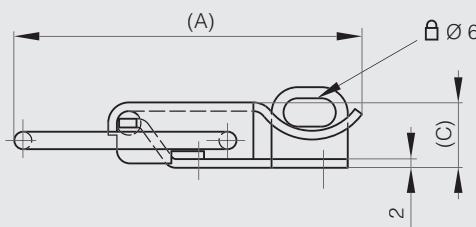
Padlockable toggle latches

Padlockable toggle latches - 80.5 mm

This latch is used with strike part number 16-7-3415.



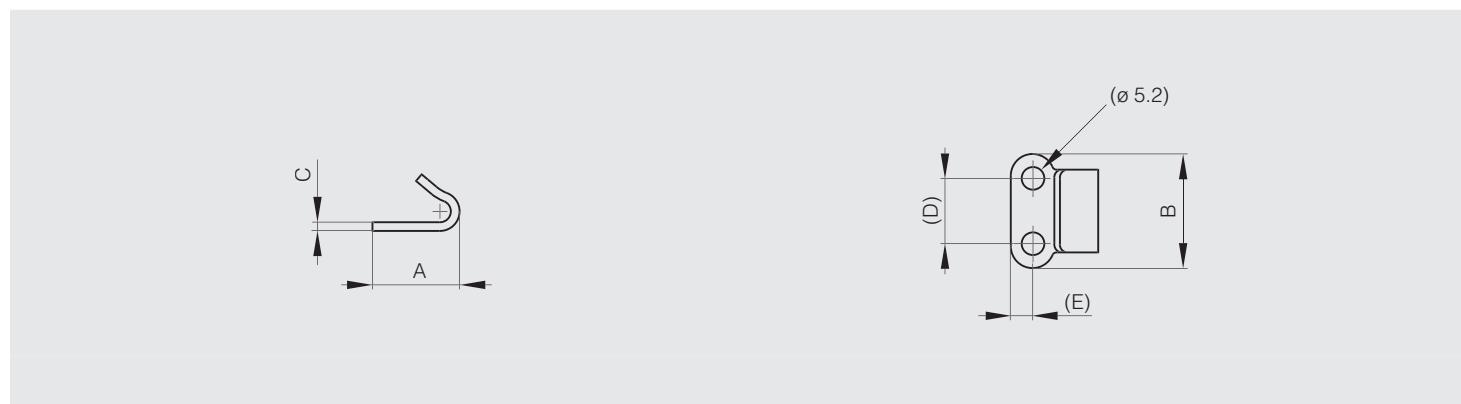
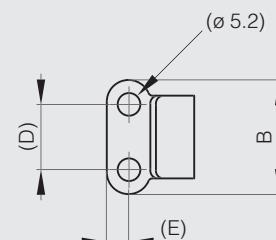
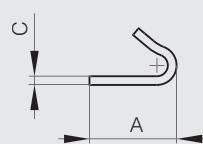
Part number	Material	Finish	A	B	C	Note	Weight (g)
16-7-3397	steel	raw	80.5	32	18.5	drilled	58.5
16-7-3395	steel	zinc plated	80.5	32	15	drilled	58.5



Strike for part numbers 16-7-3395 and 16-7-3397



Part number	Material	Finish	A	B	C	D	E	Note	Weight (g)
16-7-3415	steel	zinc plated	20	26.2	2	15	5.1	drilled	9





Toggles latches

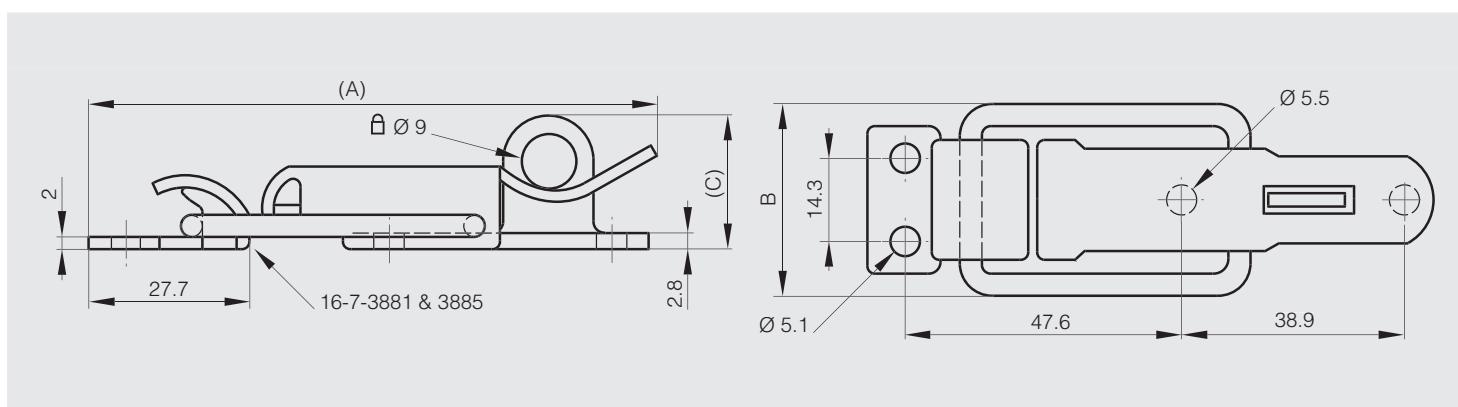
Padlockable toggle latches

Padlockable toggle latches - 97.6 mm

This latch is used with strike part numbers 16-7-3881 and 16-7-3885.

STAINLESS STEEL STEEL ✓ RoHS

Part number	Material	Finish	A	B	C	Weight (g)
16-7-3883	steel	zinc plated	97.6	33	23.1	68
16-7-3884	304 stainless steel	raw	97.5	33	23.1	68



Strikes for part numbers 16-7-3883 and 16-7-3884

STAINLESS STEEL STEEL ✓ RoHS

Part number	Material	Finish	Weight (g)
16-7-3881	steel	zinc plated	9
16-7-3885	304 stainless steel	raw	9





Toggles latches

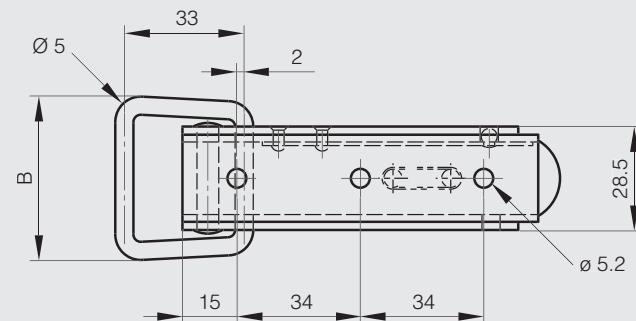
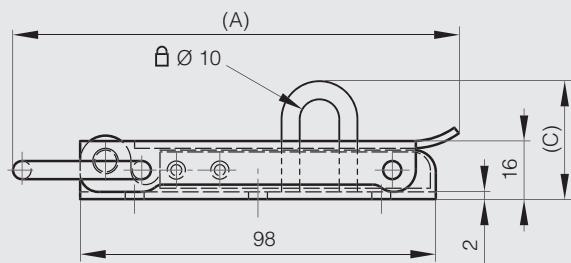
Padlockable toggle latches

Padlockable toggle latch - 122 mm

This latch is used with strike part number 16-7-3551.

STEEL

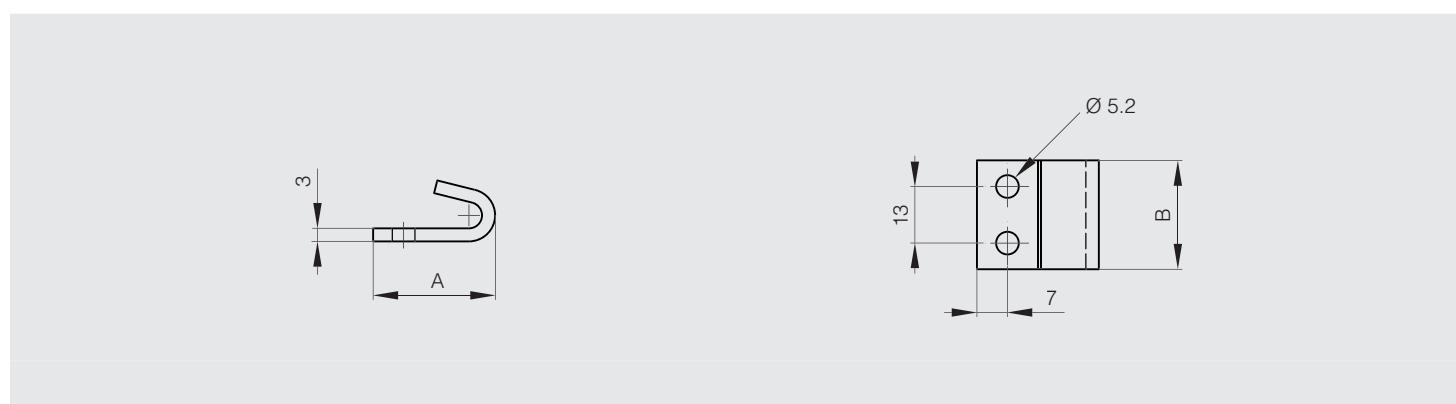
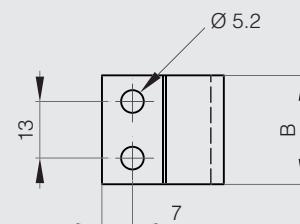
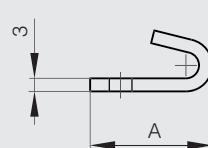
Part number	Material	Finish	A	B	C	Weight (g)
16-7-3664	steel	zinc plated	122	45	32.5	176



Strike for part number 16-7-3664

STEEL

Part number	Material	Finish	A	B	Weight (g)
16-7-3551	steel	zinc plated	28	25	24





Toggles latches

Padlockable toggle latches

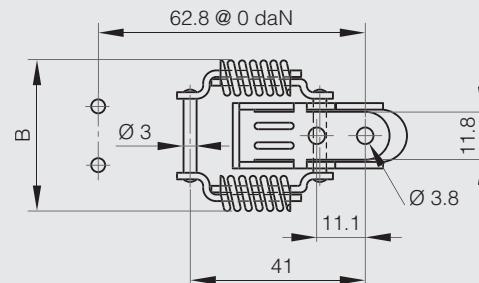
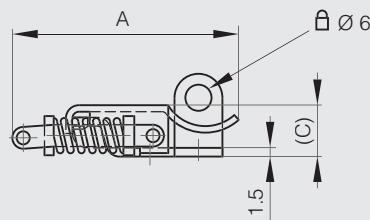
Spring loaded and padlockable toggle latches - 52 mm

Dimension A (52 mm) without tension. Dimension A can be extended up to 3 mm putting the latch under tension.

These latches are used with strike part numbers 16-7-3739, 16-7-3741 and 16-7-3742.

STAINLESS STEEL STEEL

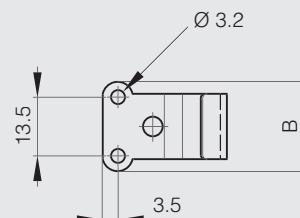
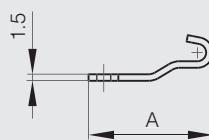
Part number	Material	Finish	A	B	C	Weight (g)
16-7-3759	steel	zinc plated	55.5	34.5	12	32
16-7-3760	304 stainless steel	raw	55.5	34.5	12	32



Strikes for part numbers 16-7-3759 and 16-7-3760

STAINLESS STEEL STEEL

Part number	Material	Finish	A	B	Note	Weight (g)
16-7-3741	steel	zinc plated	28.5	20.5	drilled	3.5
16-7-3739	304 stainless steel	raw	28.5	20.5	undrilled	3.5
16-7-3742	304 stainless steel	raw	28.5	20.5	drilled	3.5





Toggles latches

Padlockable toggle latches

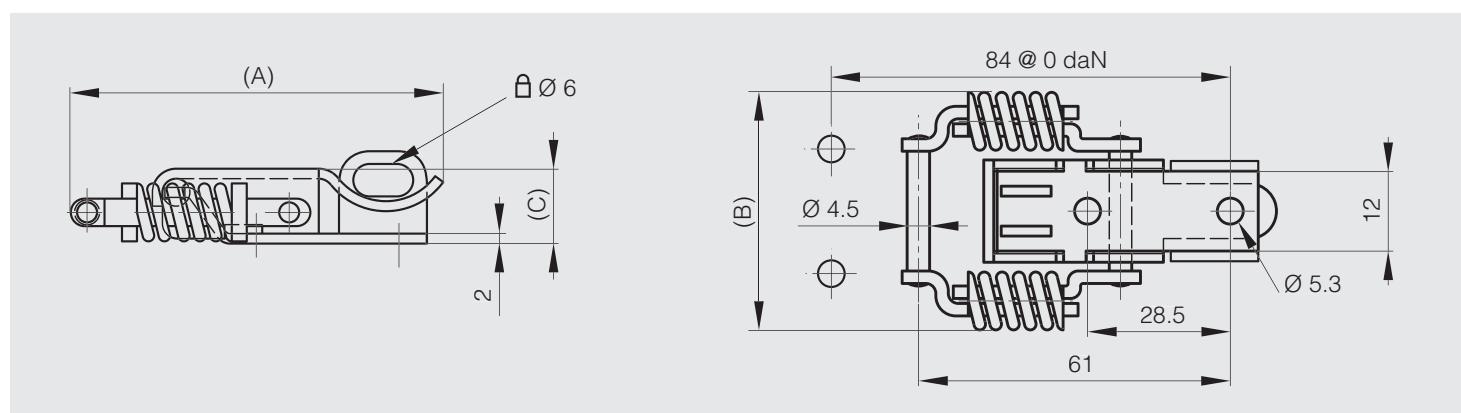
Spring loaded and padlockable toggle latches - 74 mm

Dimension A (74 mm) without tension. Dimension A can be extended up to 4 mm putting the latch under tension.

This latch is used with strike part numbers 16-7-3751, 16-7-3753 and 16-7-3754.

STAINLESS STEEL STEEL

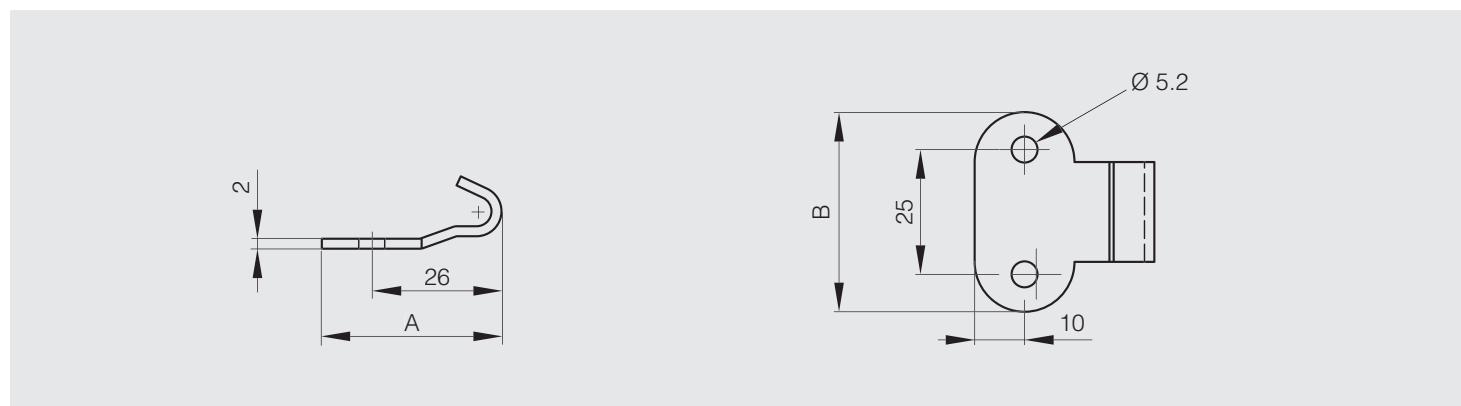
Part number	Material	Finish	A	B	C	Note	Weight (g)
16-7-3765	steel	zinc plated	74	46.5	15		75
16-7-3766	304 stainless steel	raw	74	46.5	15	drilled	75



Strikes for part numbers 16-7-3765 and 16-7-3766

STAINLESS STEEL STEEL

Part number	Material	Finish	A	B	Note	Weight (g)
16-7-3753	steel	zinc plated	36	40	drilled	20
16-7-3751	304 stainless steel	raw	36	40	undrilled	20
16-7-3754	304 stainless steel	raw	36	40	drilled	20





Toggles latches

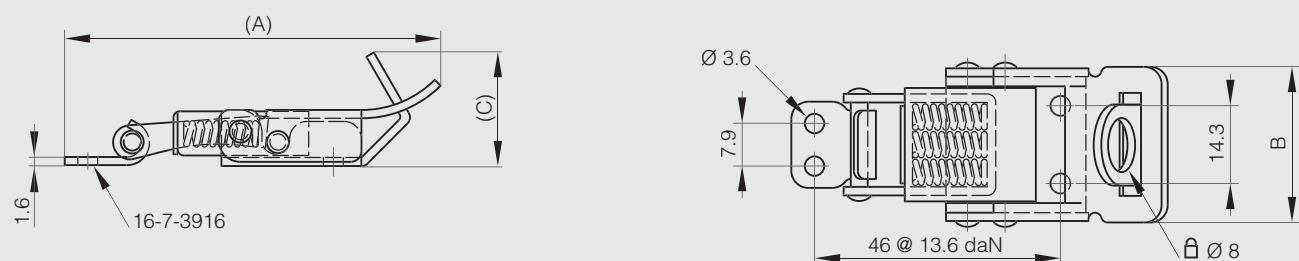
Padlockable toggle latches

Spring loaded and padlockable toggle latch - 70.9 mm

This latch is used with strike part number 16-7-3916.



Part number	Material	Finish	A	B	C	Weight (g)
16-7-3917	304 stainless steel	raw	70.9	28.7	23.1	50



Strike for part number 16-7-3917



Part number	Material	Finish	Weight (g)
16-7-3916	304 stainless steel	raw	4.5





Toggles latches

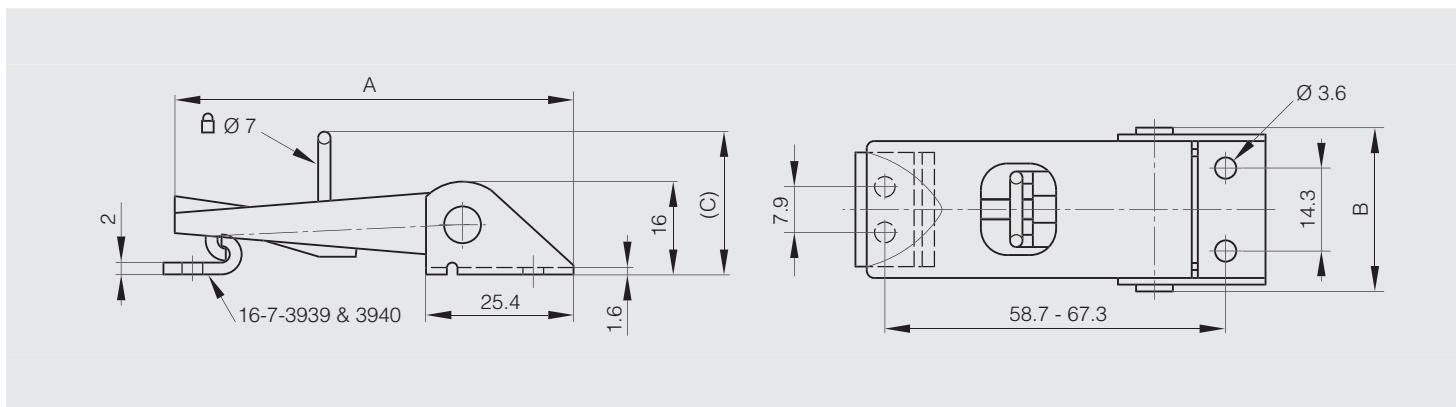
Padlockable toggle latches

Adjustable toggle latches - padlockable - 70.6 mm

This latch is used with strike part numbers 16-7-3939 and 16-7-3940.

STAINLESS STEEL RoHS

Part number	Material	Finish	A	B	C	Weight (g)
16-7-3938	304 stainless steel	raw	70.6	28.2	16	50



Strikes for part number 16-7-3938

Strikes for part numbers 16-7-3938.

STAINLESS STEEL STEEL RoHS

Part number	Material	Finish	Weight (g)
16-7-3939	steel	zinc plated	4.5
16-7-3940	304 stainless steel	raw	4.5





Toggles latches

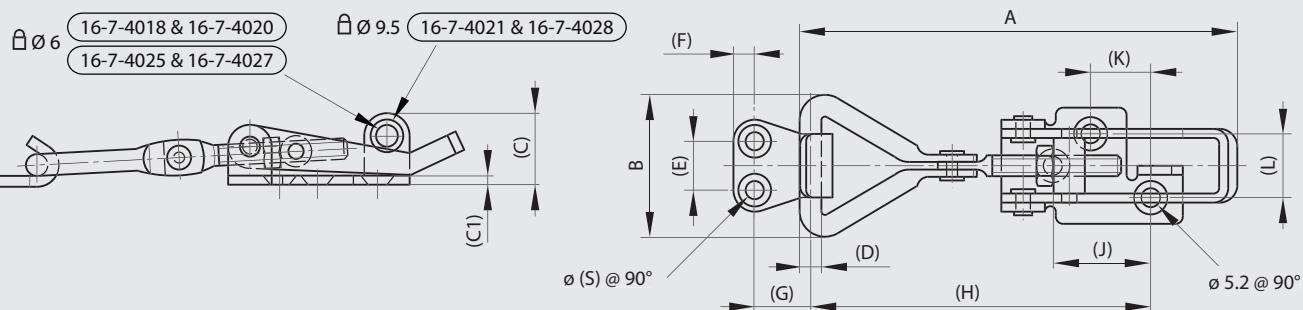
Padlockable toggle latches

Adjustable toggle latches with strike - padlockable - 82 mm to 118 mm

STAINLESS STEEL STEEL ✓ RoHS



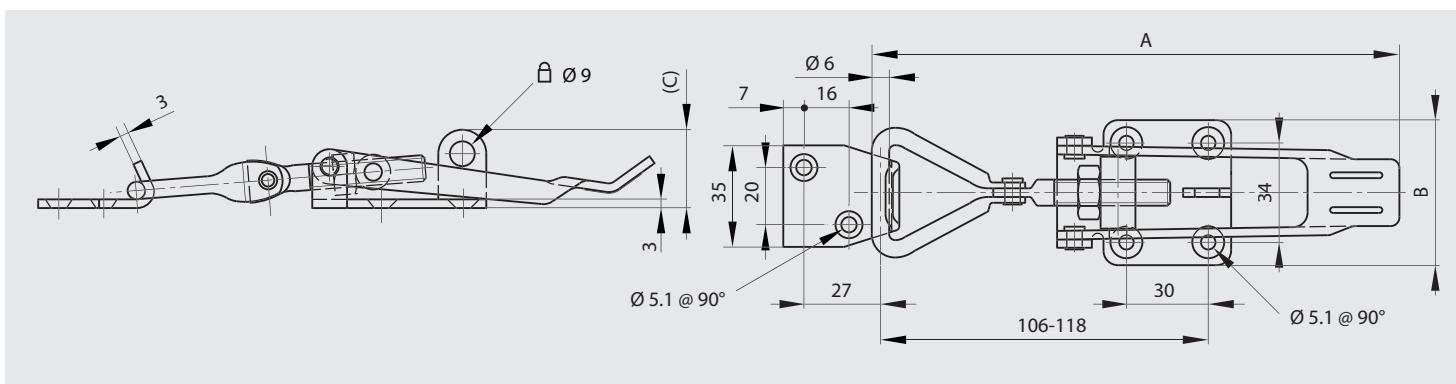
Part number	Material	Finish	A	B	C	C1	C2	D	E	F	G	H	J	K	L	S	Note	Weight (g)
16-7-4018	steel	zinc plated	82	27	19	2	2	4	14	4.5	10	62-72	22	11	14	4	82<A<92	48
16-7-4020	steel	zinc plated	108	34	17	2.5	3	5	17	6	10	85-96	27	16	18	5.2	108<A<119	102
16-7-4021	steel	zinc plated	118	39	22	3	2.5	6	20	6	18	85-96	33	15	20	5.2	118<A<129	124
16-7-4025	304 stainless steel	raw	82	27	19	2	2	4	14	4.5	10	62-72	22	11	14	4	82<A<92	48
16-7-4027	304 stainless steel	raw	108	34	17	2.5	3	5	17	6.5	10	85-96	27	16	18	5.2	108<A<119	102
16-7-4028	304 stainless steel	raw	118	39	22	3	2.5	6	20	6.5	18	85-96	33	15	20	5.2	118<A<129	124



Adjustable toggle latches with strike - padlockable - 174 mm

STAINLESS STEEL STEEL ✓ RoHS

Part number	Material	Finish	A	B	C	Note	Weight (g)
16-7-4023	steel	zinc plated	174	50	27	174<A<186	236
16-7-4030	304 stainless steel	raw	174	50	27	174<A<186	236





Toggles latches

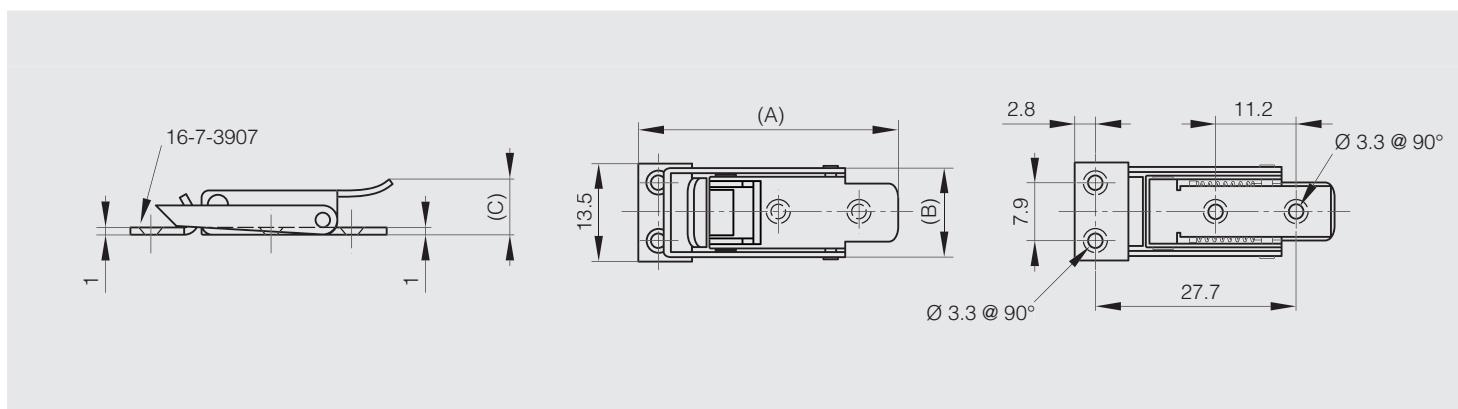
Spring loaded toggle latches

Spring loaded toggle latch without strike 35.8 mm

This small latch is used with strike part number 16-7-3907.

STAINLESS STEEL

Part number	Material	Finish	A	B	C	Weight (g)
16-7-3906	304 stainless steel	raw	35.8	12.3	7.9	9



Strike for part number 16-7-3906

STAINLESS STEEL

Part number	Material	Finish	Weight (g)
16-7-3907	304 stainless steel	raw	4.5





Toggles latches

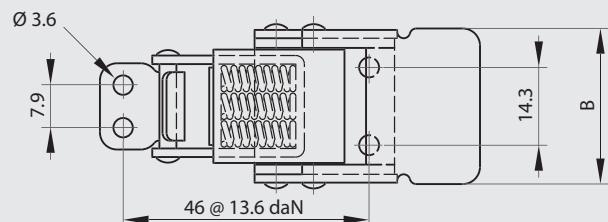
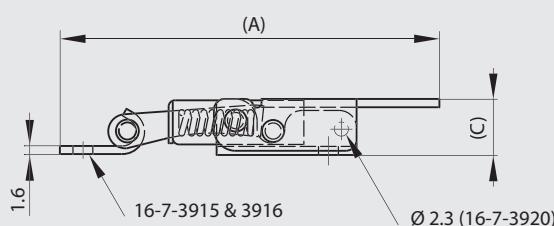
Spring loaded toggle latches

Spring loaded toggle latches without strike - 70.8 mm

These latches are used with strike part numbers 16-7-3915 and 16-7-3916.

STAINLESS STEEL STEEL ✓ RoHS

Part number	Material	Finish	A	B	C	Note	Weight (g)
16-7-3910	steel	zinc plated	70.8	28.7	10.2		50
16-7-3911	304 stainless steel	raw	70.8	28.7	10.2		50
16-7-3920	304 stainless steel	raw	70.8	28.7	10.2	with seal wire hole	50



Spring loaded toggle latch without strike - with push button

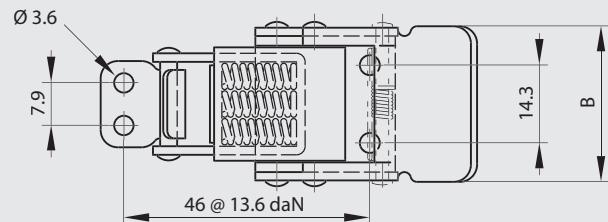
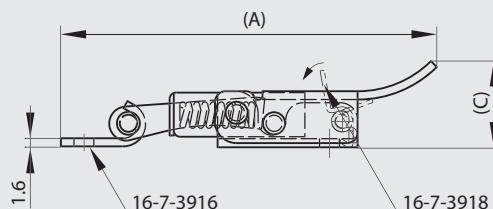
The push button prevents accidental opening.

This latch is used with strike part number 16-7-3916.

A padlockable option is available for part number 16-7-3917.

STAINLESS STEEL ✓ RoHS

Part number	Material	Finish	A	B	C	Note	Weight (g)
16-7-3918	304 stainless steel	raw	70.9	28.7	14.7	with push button to open / no seal wire hole	50



Strikes for part numbers 16-7-3910, 16-7-3911, 16-7-3918 and 16-7-3920

STAINLESS STEEL ✓ RoHS

Part number	Material	Finish	Weight (g)
16-7-3915	steel	zinc plated	4.5
16-7-3916	304 stainless steel	raw	4.5





Toggles latches

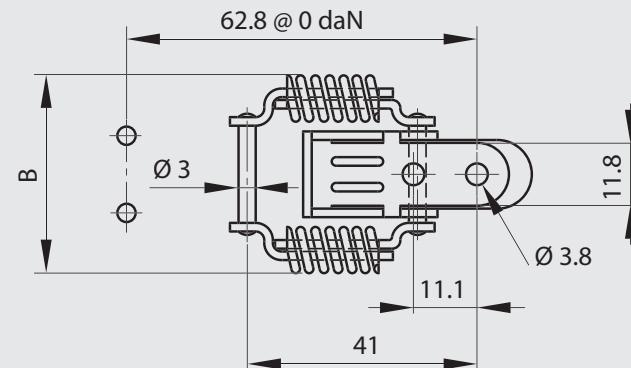
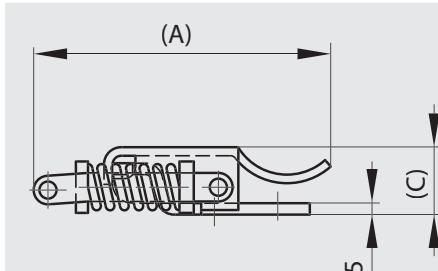
Spring loaded toggle latches

Spring loaded toggle latches without strike - 52 mm

These latches are used with strike part numbers 16-7-3739, 16-7-3741 and 16-7-3742.
Padlockable options are available for part numbers 16-7-3759 and 16-7-3760.

STAINLESS STEEL STEEL ✓
RoHS

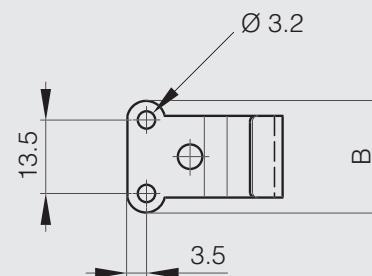
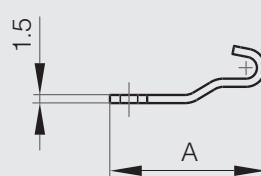
Part number	Material	Finish	A	B	C	Weight (g)
16-7-3735	steel	zinc plated	52	34.5	11.8	27
16-7-3736	304 stainless steel	raw	55.5	34.5	12	27



Strikes for part numbers 16-7-3735 and 16-7-3736

STAINLESS STEEL STEEL ✓
RoHS

Part number	Material	Finish	A	B	Note	Weight (g)
16-7-3741	steel	zinc plated	28.5	20.5	drilled	3.5
16-7-3739	304 stainless steel	raw	28.5	20.5	undrilled	3.5
16-7-3742	304 stainless steel	raw	28.5	20.5	drilled	3.5





Toggles latches

Spring loaded toggle latches

Spring loaded toggle latches without strike - 74 mm

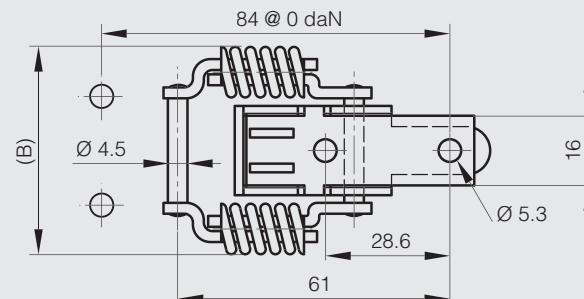
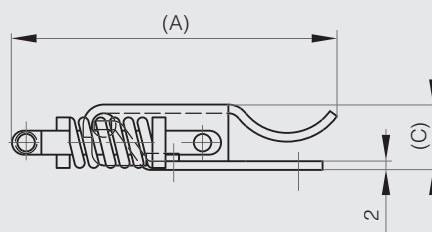
Dimension A (74 mm) without tension. Dimension A can be extended up to 4 mm putting the latch under tension.

STAINLESS STEEL STEEL

These latches are used with strike part numbers 16-7-3751, 16-7-3753 and 16-7-3754.

Padlockable options are available for part numbers 16-7-3765 and 16-7-3766.

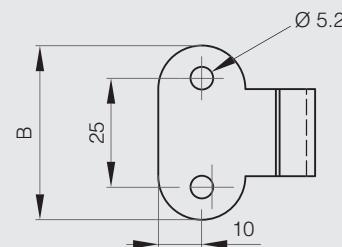
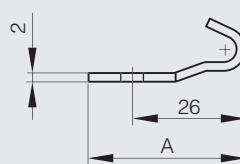
Part number	Material	Finish	A	B	C	Note	Weight (g)
16-7-3747	steel	zinc plated	74	46.5	15	drilled	70
16-7-3745	304 stainless steel	raw	74	47	15	undrilled	70
16-7-3748	304 stainless steel	raw	74	47	15	drilled	70



Strikes for part numbers 16-7-3745, 16-7-3747 and 16-7-3748

STAINLESS STEEL STEEL

Part number	Material	Finish	A	B	Note	Weight (g)
16-7-3753	steel	zinc plated	36	40	drilled	20
16-7-3751	304 stainless steel	raw	36	40	undrilled	20
16-7-3754	304 stainless steel	raw	36	40	drilled	20





Toggles latches

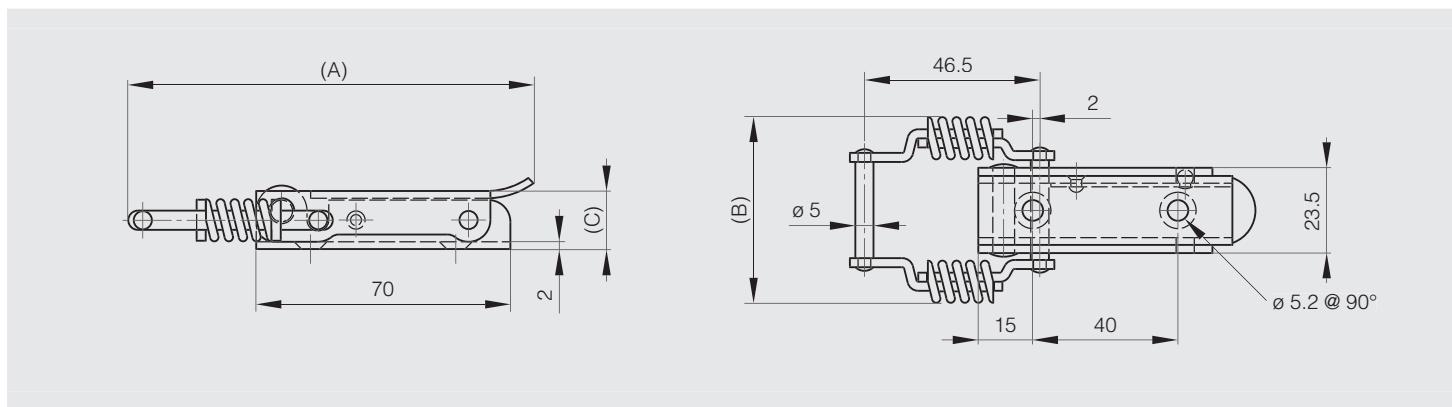
Spring loaded toggle latches

Spring loaded toggle latches without strike - 108 mm

This latch is used with strike part numbers 16-7-3406, 16-1-4038 and 16-7-3870.

STEEL

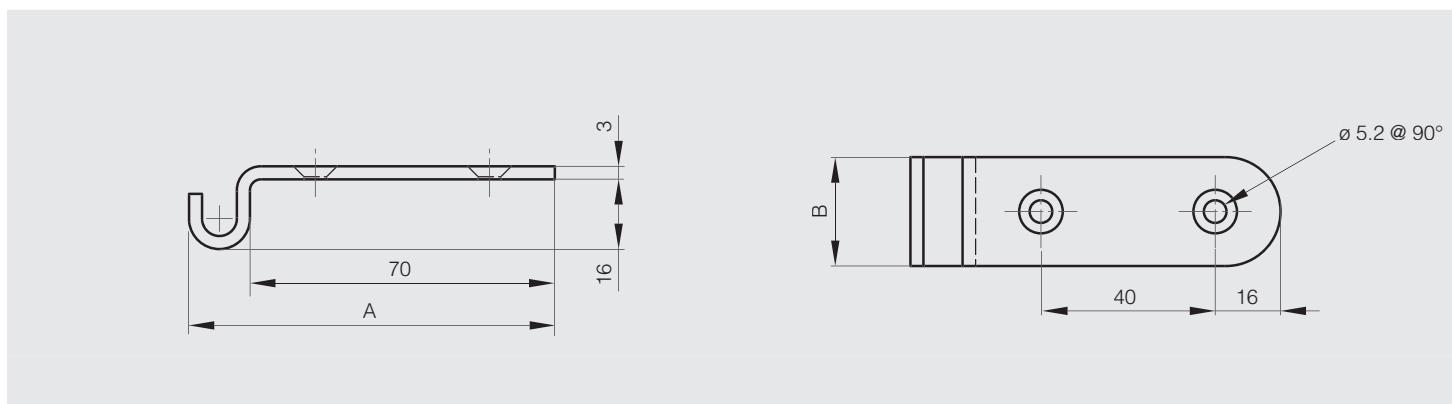
Part number	Material	Finish	A	B	C	Weight (g)
16-7-3400	steel	raw	108	49.5	19.5	118
16-7-3402	steel	zinc plated	108	49.5	19.5	118



Strikes for part numbers 16-7-3400 and 16-7-3402

STEEL

Part number	Material	Finish	A	B	S	Weight (g)
16-7-3406	steel	zinc plated	85	25	5	57





Toggles latches

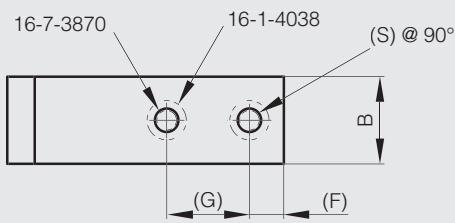
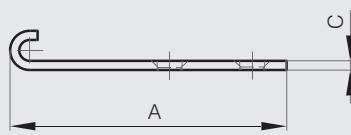
Spring loaded toggle latches

Other strikes for part numbers 16-7-3400 and 16-7-3402

Part number 16-7-3551 may also be used as an alternative strike.



Part number	Material	Finish	A	B	C	F	G	S	Weight (g)
16-1-4038	steel	zinc plated	63	25	3	8.8	26	4.5	42
16-7-3870	steel	zinc plated	63.5	20	2	7.9	19	5.4	24





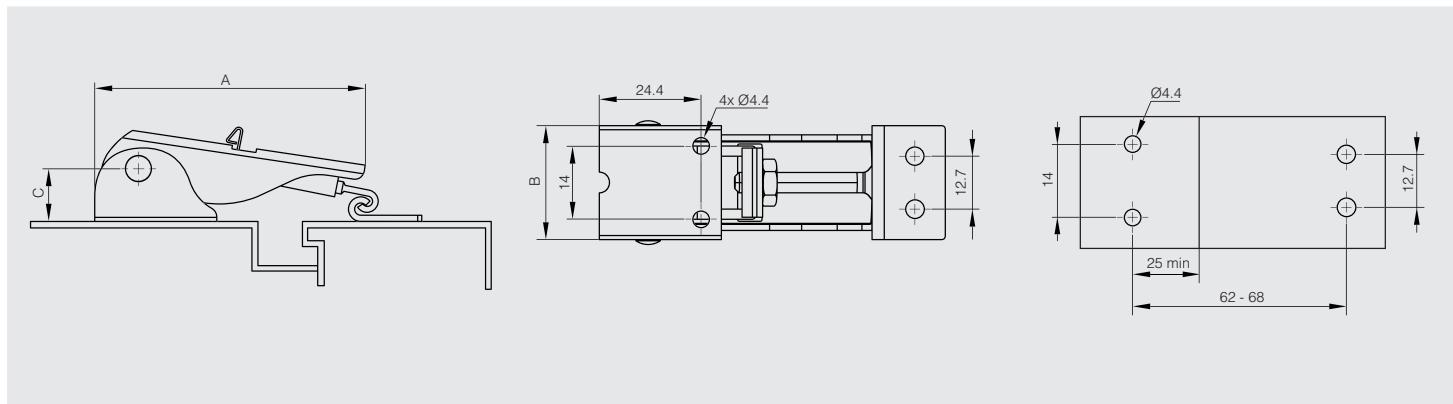
Toggles latches

Adjustable toggle latches

Adjustable toggle latches with secondary lock and strike

STAINLESS STEEL STEEL ✓ RoHS

Part number	Material	Finish	A	B	C	Weight (g)
16-1-9022	steel	zinc plated	70	27.5	13.5	77
16-1-9021	stainless steel	electropolished	70	27.5	13.5	77

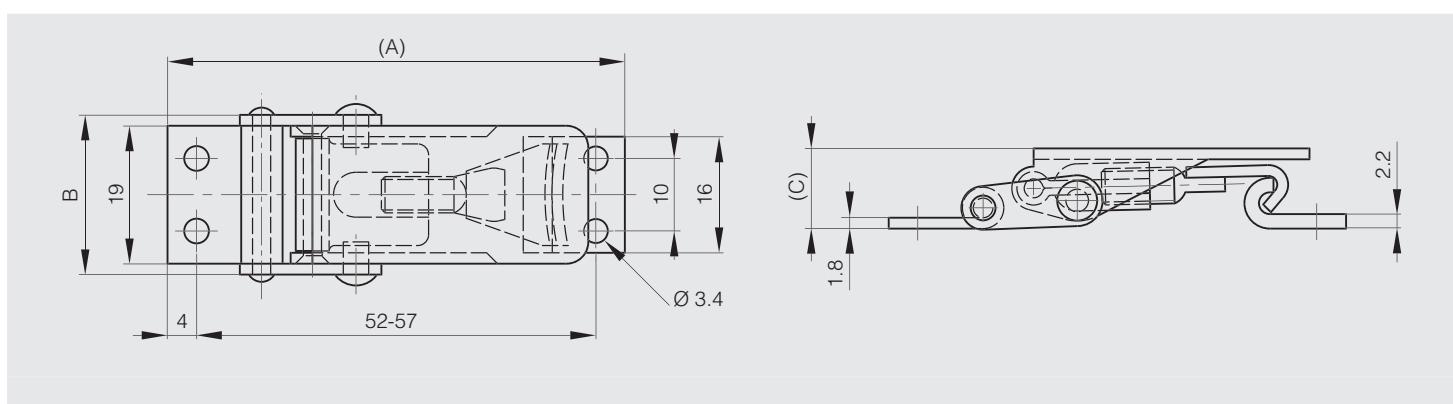


Adjustable toggle latch with strike - 60 mm

Dimension A is adjustable from 60 mm to 65 mm.

STEEL ✓ RoHS

Part number	Material	Finish	A	B	C	Note	Weight (g)
16-7-3839	steel	zinc plated	60	22	10	60<A<65	36





Toggles latches

Adjustable toggle latches

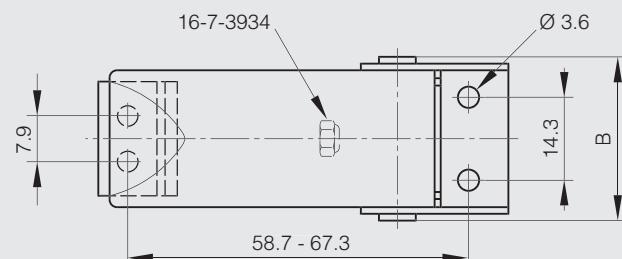
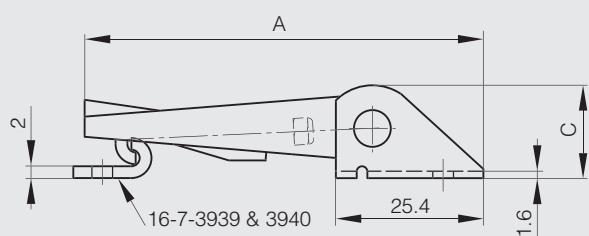
Adjustable toggle latches without strike 70.6 mm

These latches are used with strike part numbers 16-7-3939 and 16-7-3940.

Part number 16-7-3934 has a lockable nut.

STAINLESS
STEEL

Part number	Material	Finish	A	B	C	Weight (g)
16-7-3932	steel	zinc plated	70.6	28.2	16	50
16-7-3934	steel	zinc plated	70.6	28.2	16	50
16-7-3933	304 stainless steel	raw	70.6	28.2	16	50



Strikes for part numbers 16-7-3932, 16-7-3933 and 16-7-3934

STAINLESS
STEEL

Part number	Material	Finish	Weight (g)
16-7-3939	steel	zinc plated	4.5
16-7-3940	304 stainless steel	raw	4.5





Toggles latches

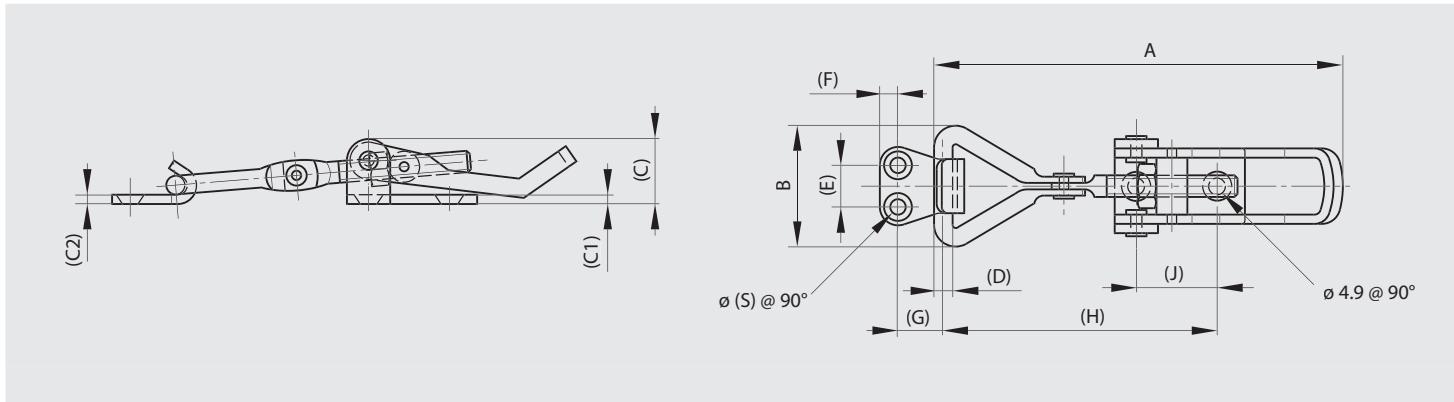
Adjustable toggle latches

Adjustable toggle latches with strike 82 mm and 103 mm long

STAINLESS STEEL STEEL



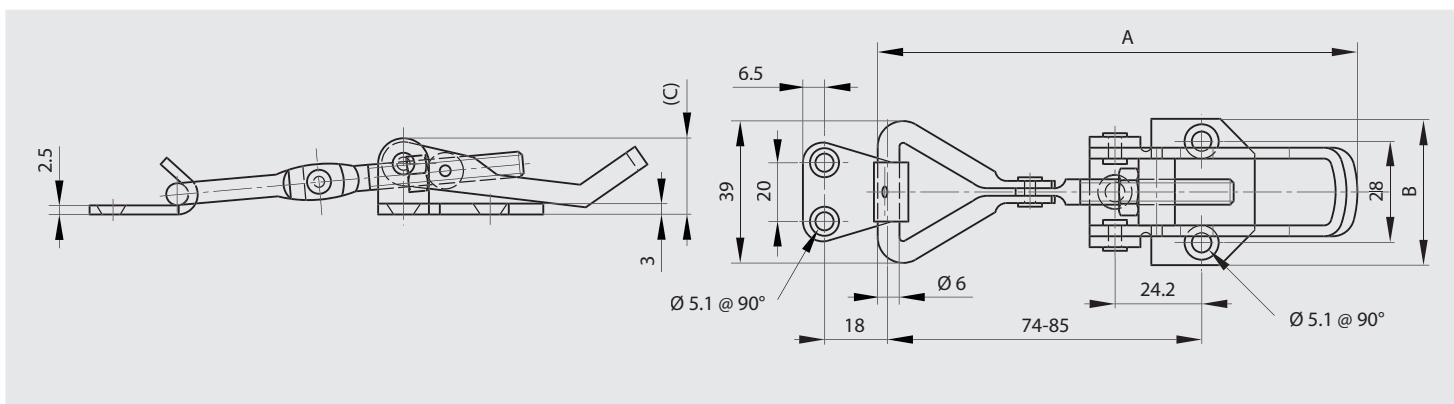
Part number	Material	Finish	A	B	C	C1	C2	D	E	F	G	H	J	S	Note	Weight (g)
16-7-4017	steel	zinc plated	82	28	14	2	2	4	14	5	10	52-59	18	4	82<A<89	46
16-7-4019	steel	zinc plated	103	34	16	2.5	3	5	17	6.5	10	68-86	17	5.2	103<A<121	90
16-7-4024	304 stainless steel	raw	82	28	14	2	2	4	14	5	10	52-59	18	4	82<A<89	46
16-7-4026	304 stainless steel	raw	103	34	16	2.5	3	5	17	6.5	10	68-86	17	5.2	103<A<121	90



Adjustable toggle latches with strike 118 mm

STAINLESS STEEL STEEL

Part number	Material	Finish	A	B	C	Note	Weight (g)
16-7-4022	steel	zinc plated	118	40	18	118<A<128	130
16-7-4029	304 stainless steel	raw	118	40	18	118<A<128	130





Toggles latches

Adjustable toggle latches

Adjustable toggle latch without strike - 119.1 mm

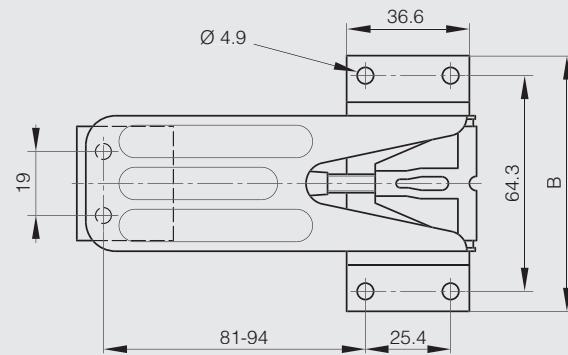
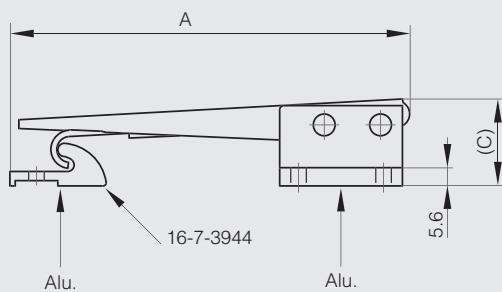
Dimension A is adjustable from 119.1 mm to 133.6 mm.

Aluminium mounting plate.

This latch is used with strike part number 16-7-3944.

STEEL

Part number	Material	Finish	A	B	C	Note	Weight (g)
16-7-3941	steel	zinc plated	119.1	76.2	25.9	119.1 < A < 133.6	150



Strike for part number 16-7-3941

ALU

Part number	Material	Finish	Weight (g)
16-7-3944	aluminium	raw	9





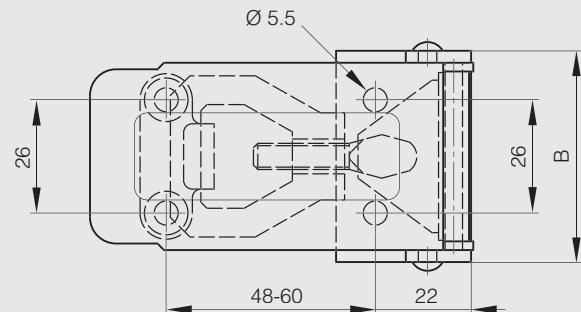
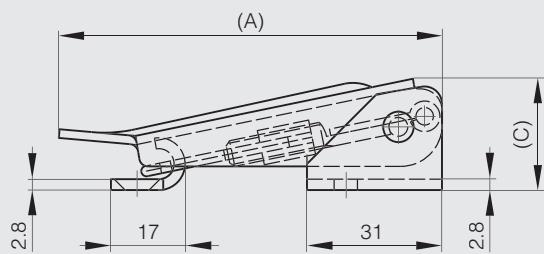
Toggles latches

Adjustable toggle latches

Adjustable toggle latches with strike 88 mm

STAINLESS STEEL STEEL

Part number	Material	Finish	A	B	C	Weight (g)
16-7-3843	steel	zinc plated	88	48.5	26	174
16-7-3844	304 stainless steel	raw	88	48.5	26	174

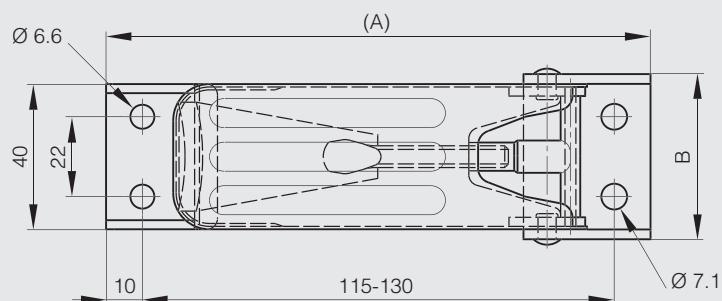
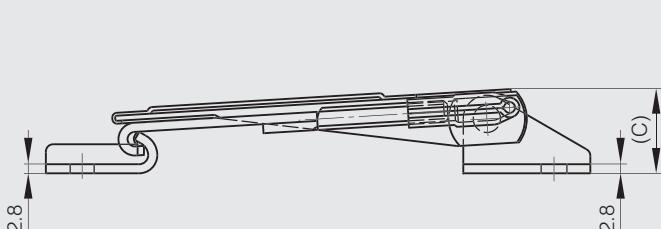


Adjustable toggle latch with strike - 135 mm

Dimension A is adjustable from 135 mm to 150 mm.

STEEL

Part number	Material	Finish	A	B	C	Note	Weight (g)
16-7-3842	steel	zinc plated	135	45.5	23	135<A<150	170





Toggles latches

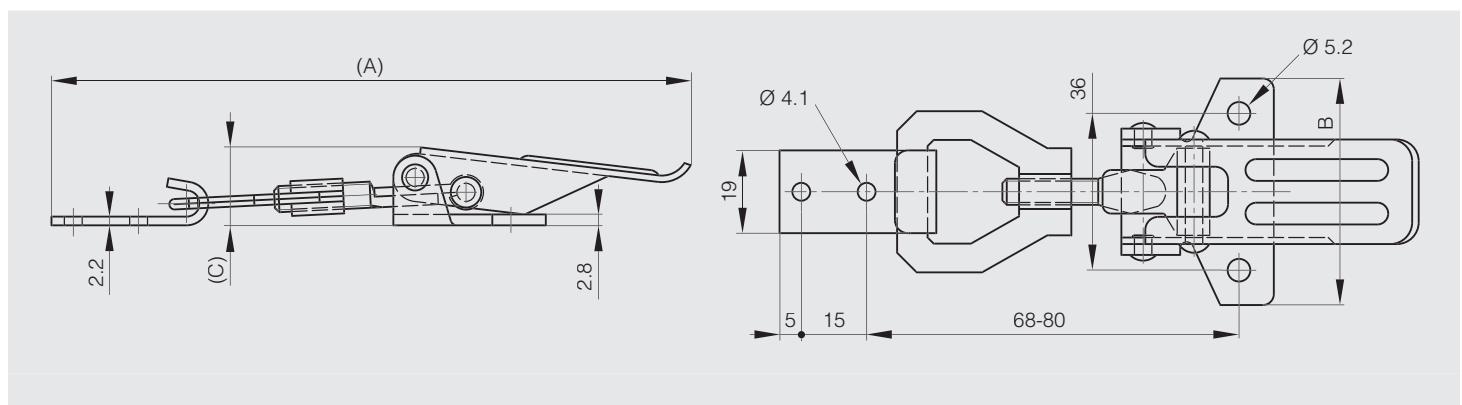
Adjustable toggle latches

Adjustable toggle latches with strike 138 mm

Dimension A is adjustable from 138 mm to 150 mm.

STAINLESS STEEL STEEL ✓ RoHS

Part number	Material	Finish	A	B	C	Note	Weight (g)
16-7-3840	steel	zinc plated	138	52	18	138<A<150	100
16-7-3841	304 stainless steel	raw	138	52	18	138<A<150	100

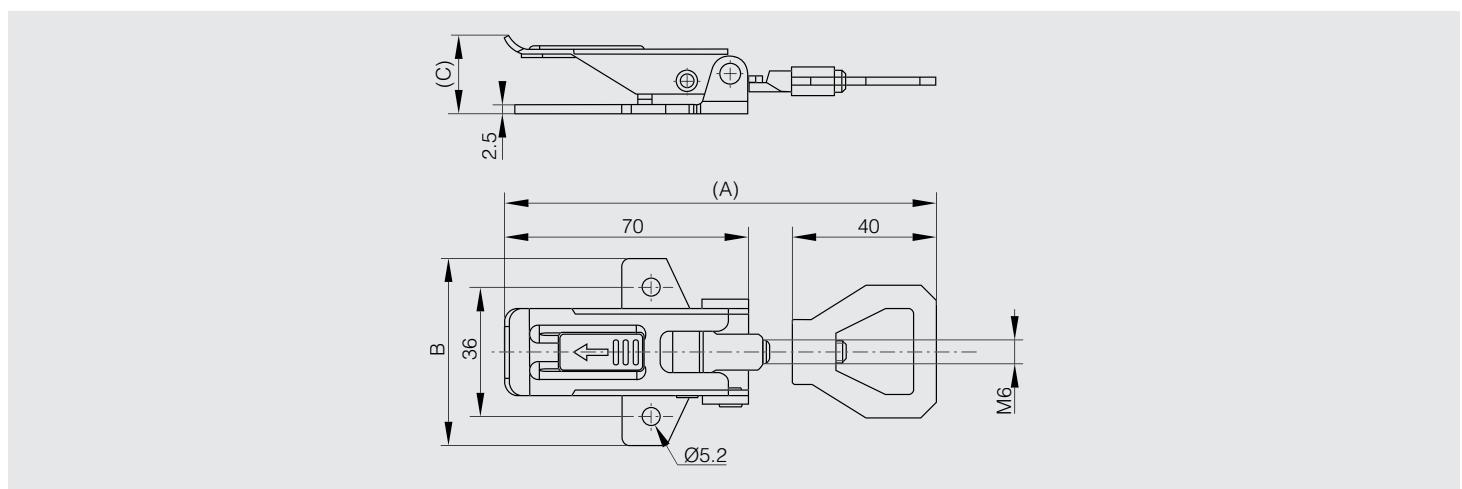


Adjustable toggle latches with secondary lock without strike

Dimension A is adjustable from 115 mm to 122 mm.

STAINLESS STEEL ✓ RoHS

Part number	Material	Finish	A	B	C	Note	Weight (g)
16-1-4231	304 stainless steel	raw	115	52	22	115<A<122	85





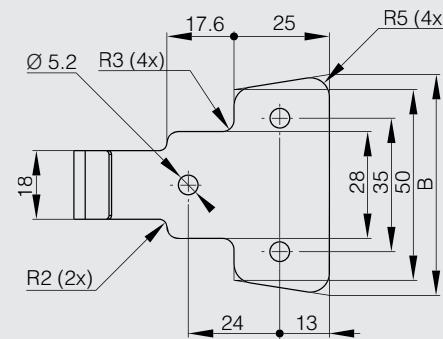
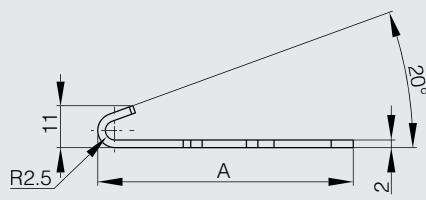
Toggles latches

Adjustable toggle latches

Strike for part number 16-1-4231

STAINLESS
STEEL

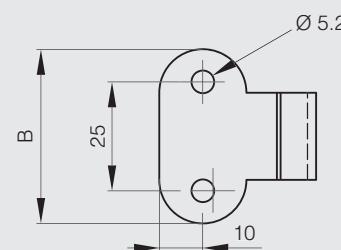
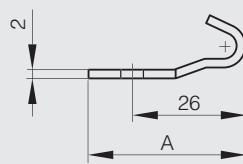
Part number	Material	Finish	A	B	Weight (g)
16-1-4236	304 stainless steel	raw	67	57.9	35



Other strikes for part number 16-1-4231

STAINLESS
STEEL

Part number	Material	Finish	A	B	Note	Weight (g)
16-7-3751	304 stainless steel	raw	36	40	undrilled	20
16-7-3754	304 stainless steel	raw	36	40	drilled	20





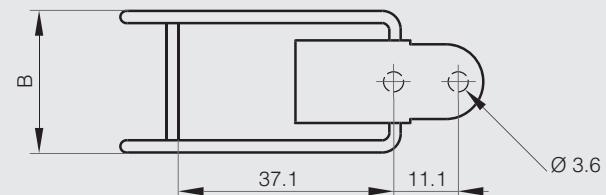
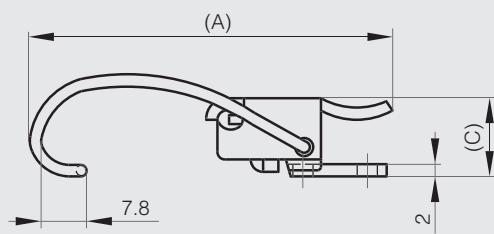
Toggles latches

Toggle latches without strikes

Toggle latch without strike 62.5 mm

STAINLESS STEEL RoHS

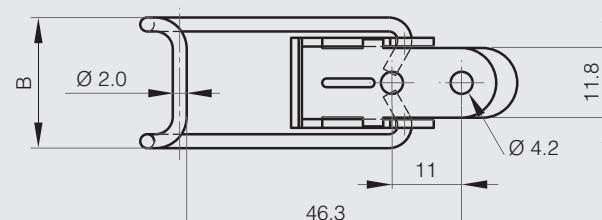
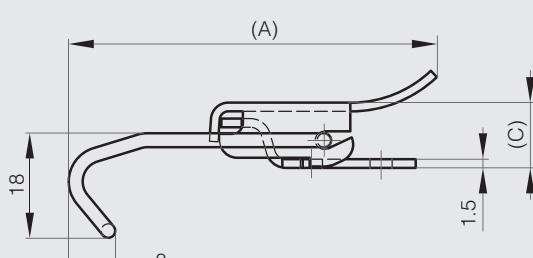
Part number	Material	Finish	A	B	C	Weight (g)
16-7-3900	304 stainless steel	raw	62.5	24.4	13.5	27



Toggle latch without strike - 63.6 mm

STEEL RoHS

Part number	Material	Finish	A	B	C	Weight (g)
16-7-3767	steel	black cataphoresis	63	22	11.8	20





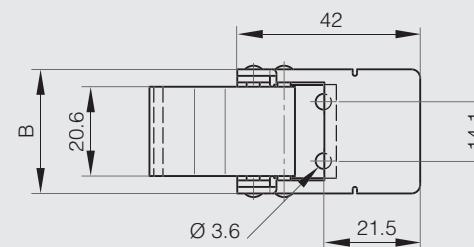
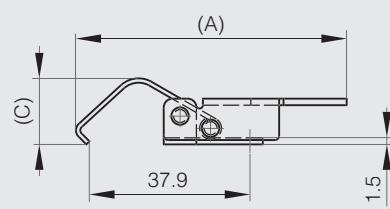
Toggles latches

Toggle latches without strikes

Toggle latches without strike - 64 mm

STAINLESS STEEL STEEL

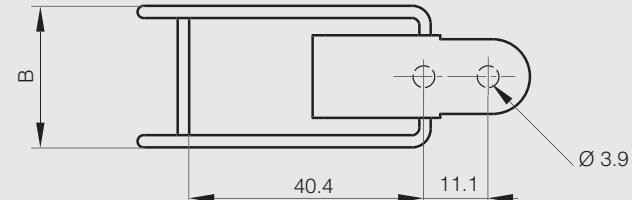
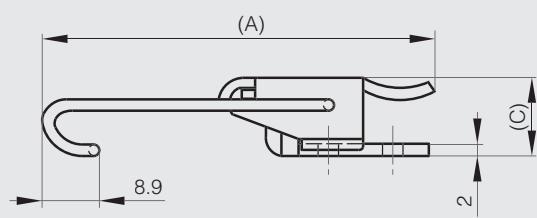
Part number	Material	Finish	A	B	C	Weight (g)
16-7-3947	steel	zinc plated	64	28.7	14	45
16-7-3948	stainless steel	raw	64	28.7	14	45



Toggle latches without strike - 67.6 mm

STAINLESS STEEL STEEL

Part number	Material	Finish	A	B	C	Weight (g)
16-7-3902	304 stainless steel	raw	67.6	25.4	13.7	32





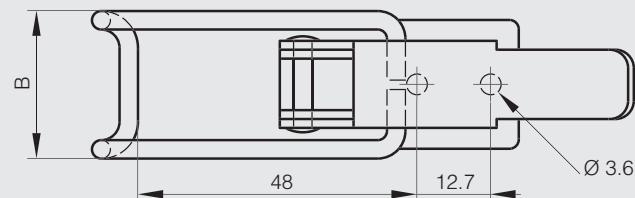
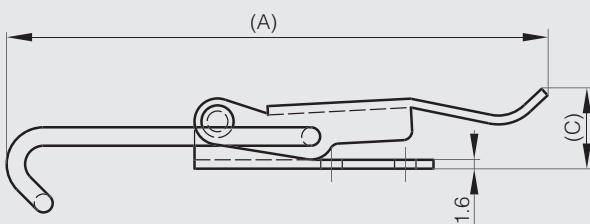
Toggles latches

Toggle latches without strikes

Toggle latch without strike - 93.2 mm

STAINLESS STEEL

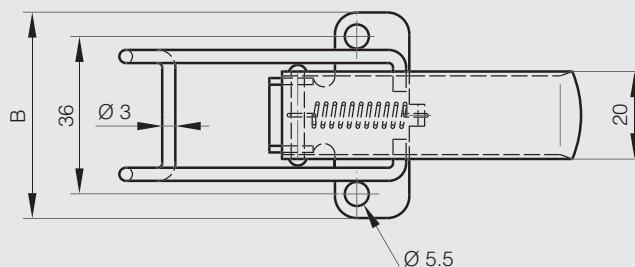
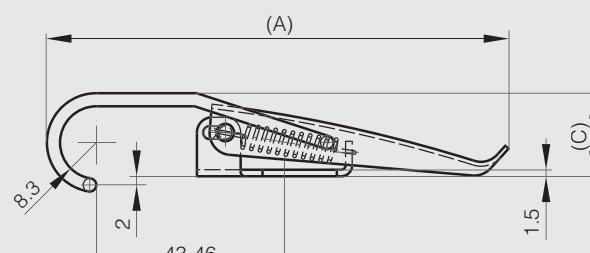
Part number	Material	Finish	A	B	C	Weight (g)
16-7-3903	304 stainless steel	raw	93.2	25.4	13.7	32



Toggle latch without strike - 106 mm

STEEL

Part number	Material	Finish	A	B	C	Weight (g)
16-7-3768	steel	black cataphoresis	106	47	19.5	42





Toggles latches

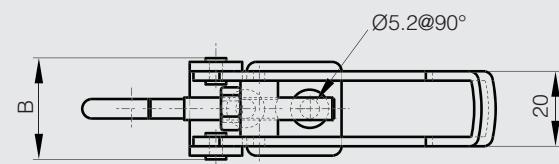
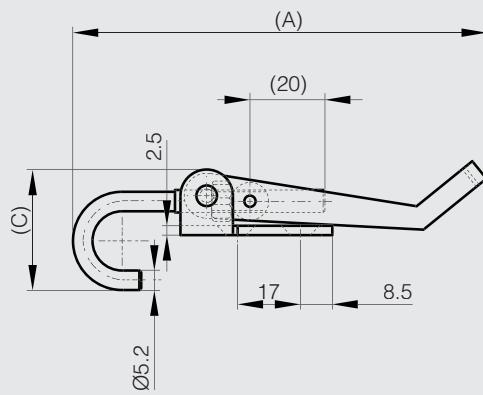
Toggle latches without strikes

Hooked toggle latch without strike



STAINLESS
STEEL
RoHS

Part number	Material	Finish	A	B	C	Note	Weight (g)
NEW 16-1-4261	304 stainless steel	raw	80	27	32.1	80<A<107	82

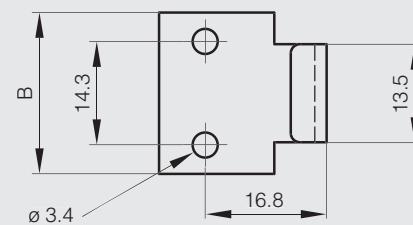
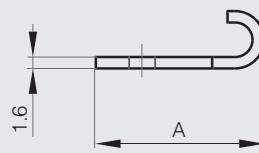




Alternative strike for toggle latches

STAINLESS
STEEL RoHS

Part number	Material	Finish	A	B	Weight (g)
16-7-3872	304 stainless steel	raw	21.4	22.4	9



HANDLES



GRAB HANDLES

	Front mounted grab handles 50 mm	284
	Front mounted grab handle 88 mm	284
	Front mounted grab handles 107 mm in steel or stainless steel	285
	Front mounted grab handle 107 mm - zinc die-cast	285
	Front mounted grab handle 125 mm	286
	Front mounted grab handles 106 and 126 mm	286
	Front mounted grab handles 122 and 150 mm	287
	Rear mounted grab handles 110 mm	288
	Rear mounted grab handles 92 and 108 mm	288
	Rear mounted grab handles 52 to 120 mm	289
	Rear mounted grab handles 95 to 150 mm	289
	Rear mounted grab handles 102 to 204 mm	290
	Knurled collar	290
	Rear mounted handles	291
	Rear mounted grab handles 92 to 200 mm	291

Black aluminium rear
mounted grab handles
75 to 150 mm

292

Black aluminium rear
mounted grab handles
88 to 120 mm

292

Chrome plated rear
mounted grab handle
90 mm

293

Chrome plated rear
mounted grab handle
111 mm

293

Chrome plated zinc die-cast
rear mounted grab handles
160 mm

294

Moulded grab handle -
rear mounted

294

DROP HANDLESDrop handles 96 x 61 mm -
load 25 kg

295

Drop handle 96 x 71 mm -
load 25 kg

295

Drop handle 104.8 x 73.7 mm
- load 90 kg

296

Drop handles 140 x 87 mm
- load 60 kg

296

Drop handles -
load 35 kg or 45 kg

297

Drop handle with
chamfremed angles -
load 35 kg

297

Drop handle 130 x 80 mm -
load 68 kg

298



Black steel folding handle

298

Folding handle with stop in
open position

299

	Spring loaded handles 110 mm - load 25 kg	300
	Spring loaded handles - load 34 kg - 180° opening	300
	Spring loaded handles 130 mm - load 45 kg	301
	Spring loaded handles 130.3 mm - load 45 kg	301
	Spring loaded handle 130 mm - load 54 kg	302
	Spring loaded handles 130 mm - load 68 kg	302
	Recessed spring loaded drop handles 155.5 mm - load 57 kg	303
	Recessed spring loaded drop handles 177.8 mm - load 68 kg	303

FLUSH HANDLES

	Screw-on recessed grab handle	307
	Bolt-on flush handle 120 x 60 mm	308
	Bolt-on flush handle 120 x 62 mm	308
	Bolt-on flush handle 138 x 88 mm	309
	Recessed handle in elastomer	310
	Snap-in flush handle 90 x 40 mm	310
	Snap-in flush handles 137.4 x 37.4 mm or 140 x 36 mm	311
	Flush handle with fixing clips 110 x 56.3 mm	312
	Flush handle with fixing clips 187 x 79 mm	312

	Flush handles 105 x 63.5 mm	304
	Flush handle 120 x 91 mm	304
	Flush handle 150 x 105 mm	305
	Flush handle 194 x 76 mm	305
	Retractable flush handles in stainless steel	306
	Screw-on flush handle 101 x 52 mm	306
	Screw-on flush handle 131 x 79 mm	307

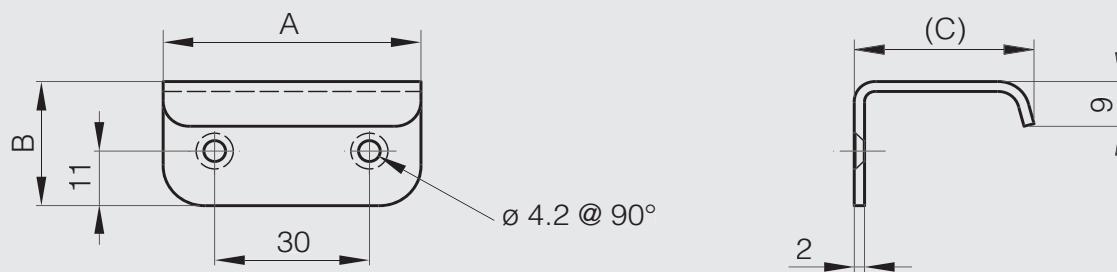
Grab handles

Front mount grab handles

Front mounted grab handles 50 mm

STEEL RoHS

Part number	Material	Finish	A	B	C	Weight (g)
19-1-3798	steel	chrome plated	50	25	35	46

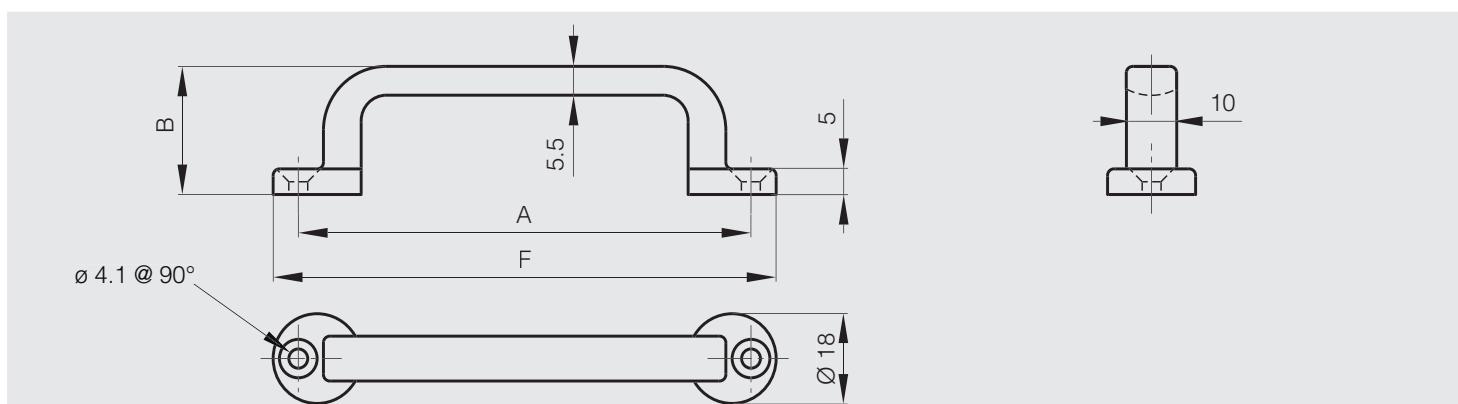


Front mounted grab handle 88 mm

STAINLESS STEEL RoHS

Complete with wood screws.

Part number	Material	Finish	A	B	F	Weight (g)
19-7-3693	304 stainless steel	mirror polished	88	25	100	68.5



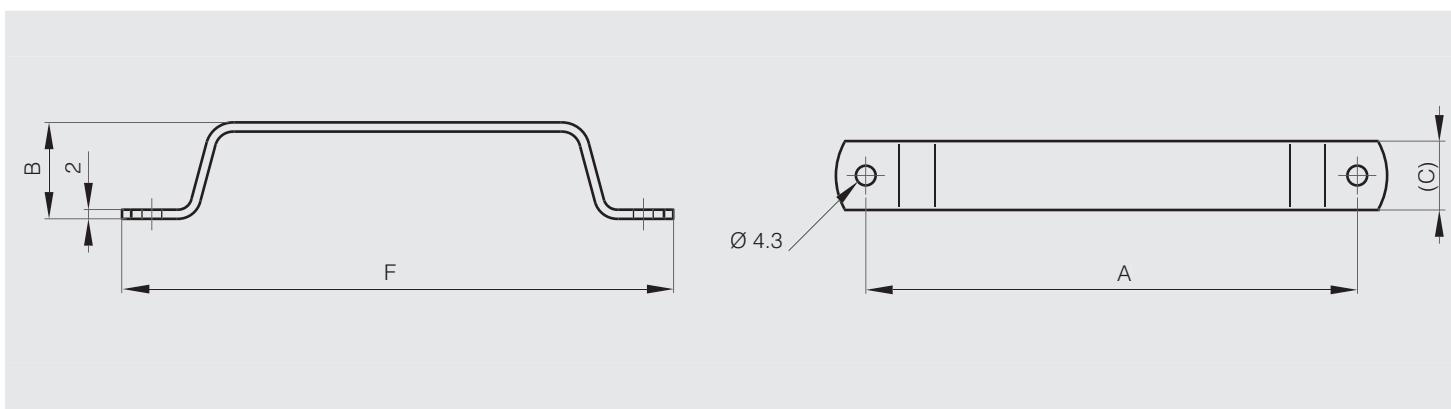
Front mount grab handles

Front mounted grab handles 107 mm in steel or stainless steel

Handle made from galvanised steel is pregalvanised. Therefore any cut surface is ungalvanised.



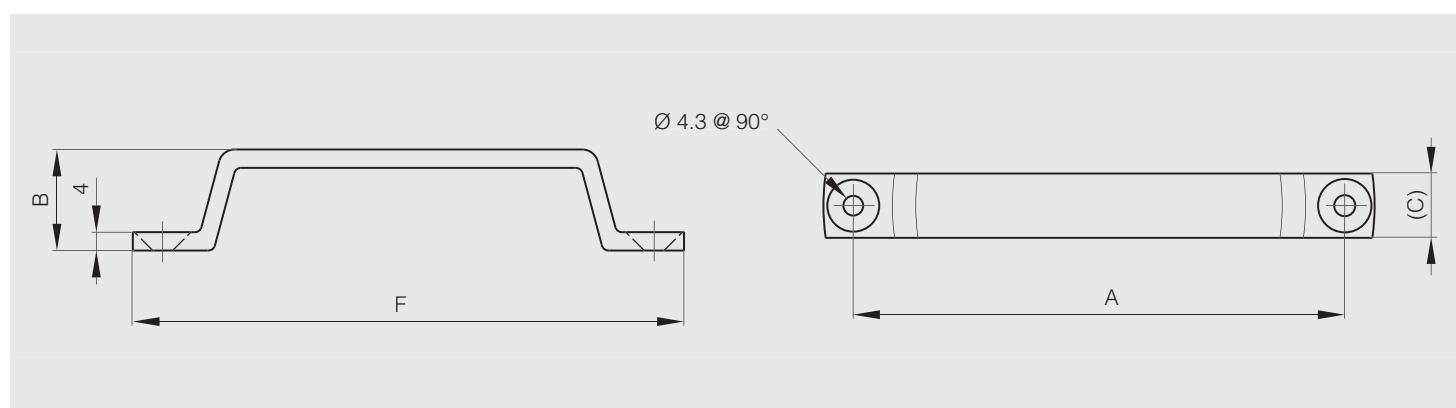
Part number	Material	Finish	A	B	C	F	Weight (g)
19-1-3807	galvanised steel	raw	107	21	15	120	32
19-1-3797	304 stainless steel	deburred	107	21	15	120	32



Front mounted grab handle 107 mm - zinc die-cast



Part number	Material	Finish	A	B	C	F	Weight (g)
19-7-3639	zinc die-cast	chrome plated	107	22	14	120	40



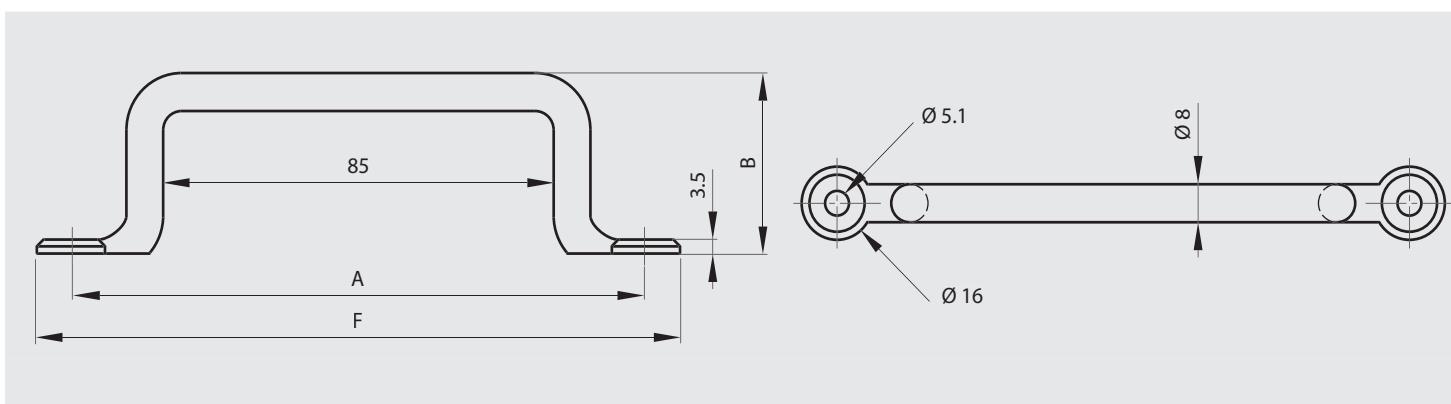
Grab handles

Front mount grab handles

Front mounted grab handle 125 mm

STEEL

Part number	Material	Finish	A	B	F	Weight (g)
19-7-3343	steel	zinc plated	125	38	140	68

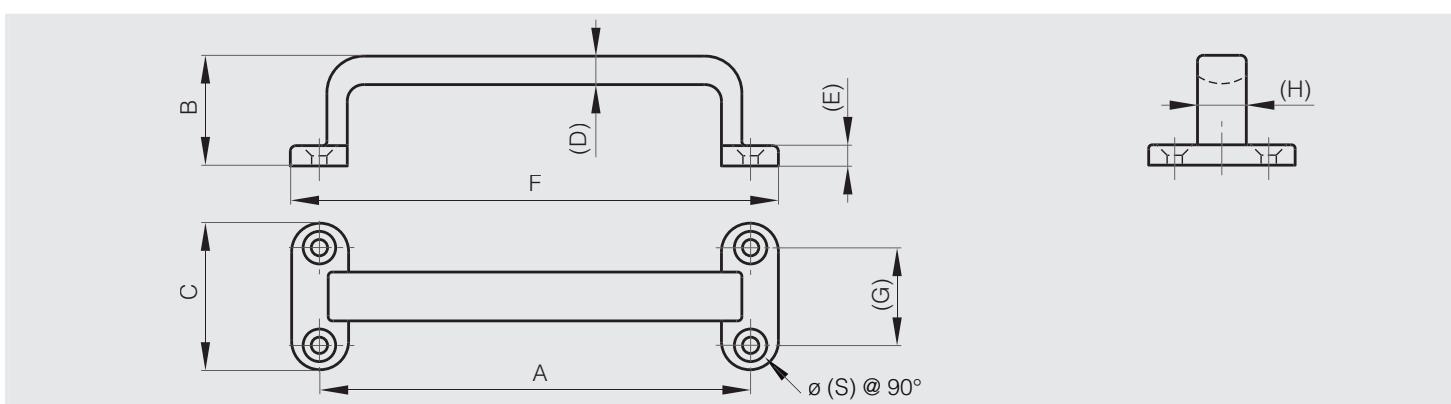


Front mounted grab handles 106 and 126 mm

Complete with wood screws.

STAINLESS STEEL RoHS

Part number	Material	Finish	A	B	C	D	E	F	G	H	S	Weight (g)
19-7-3694	304 stainless steel	mirror polished	106	27	24	7	5	120	24	12	4.1	131
19-7-3695	304 stainless steel	mirror polished	126	33	30	8	6	150	30	15	5.3	242

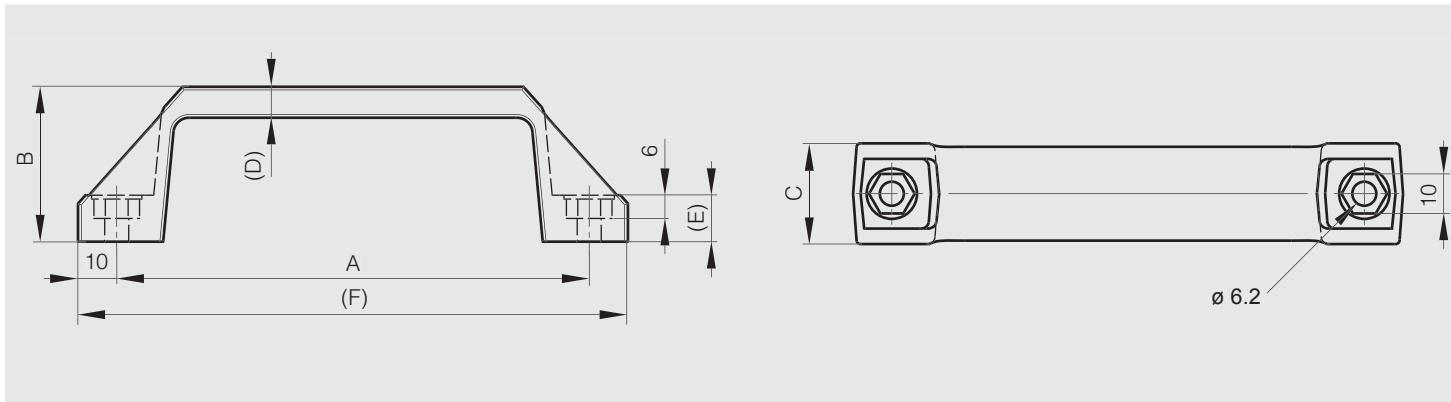


Front mount grab handles

Front mounted grab handles 122 and 150 mm



Part number	Material	Finish	A	B	C	D	E	F	Weight (g)
87-7-2201	polyamide	matt black	122	40	26	8	12	142	42.2
87-7-2203	polyamide	matt black	150	52	28	10	13	170	70.8



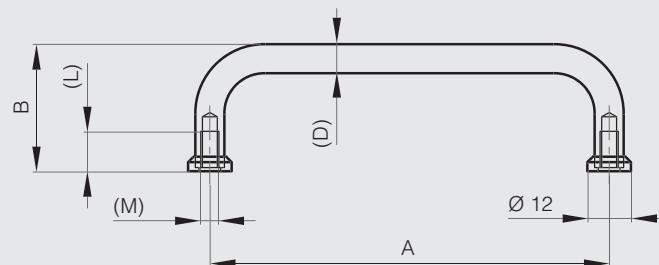
Grab handles

Rear mount grab handles

Rear mounted grab handles 110 mm

STAINLESS STEEL RoHS

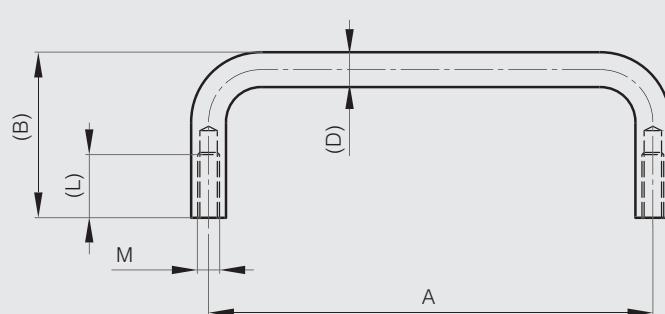
Part number	Material	Finish	A	B	D	L	M	Weight (g)
19-1-3424	304 stainless steel	polished	110	35	8	11	5	61



Rear mounted grab handles 92 and 108 mm

ALU RoHS

Part number	Material	Finish	A	B	D	L	M	Weight (g)
19-1-3425	aluminium	polished	92	32	10	10	5	26
19-1-3672	aluminium	polished	108	39	10	10	4	30



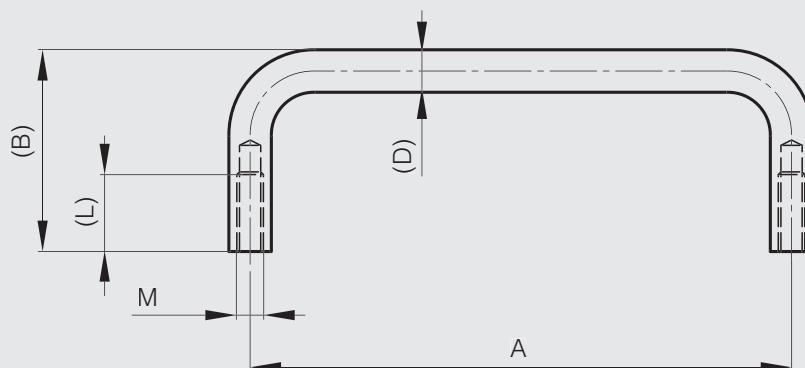
Grab handles

Rear mount grab handles

Rear mounted grab handles 52 to 120 mm

BRASS ALU 

Part number	Material	Finish	A	B	D	L	M	Weight (g)
19-7-3683	aluminium	clear anodised	52	34	8	10	4	14
19-7-3684	aluminium	clear anodised	80	34	8	12	4	17
19-7-3685	aluminium	clear anodised	100	34	8	12	4	20
19-7-3686	aluminium	clear anodised	120	34	8	10	4	23
19-7-3409	aluminium	polished	100	30	7	8	4	14
19-7-3410	brass	chrome plated	100	30	7	8	4	44
19-7-3411	brass	nickel plated	100	30	7	8	4	44

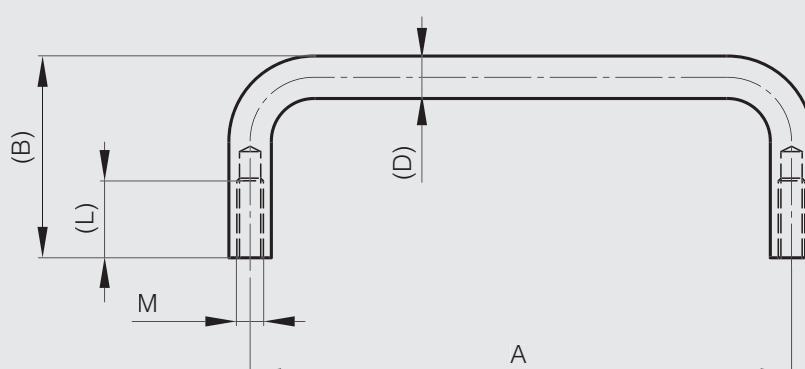


Rear mounted grab handles 95 to 150 mm

For use with M4 screws.

STAINLESS STEEL

Part number	Material	Finish	A	B	D	L	M	Weight (g)
19-7-3701	304 stainless steel	mirror polished	95	28	9	8	4	76
19-7-3700	304 stainless steel	mirror polished	120	28	9	8	4	88
19-7-3699	304 stainless steel	mirror polished	150	28	9	8	4	103



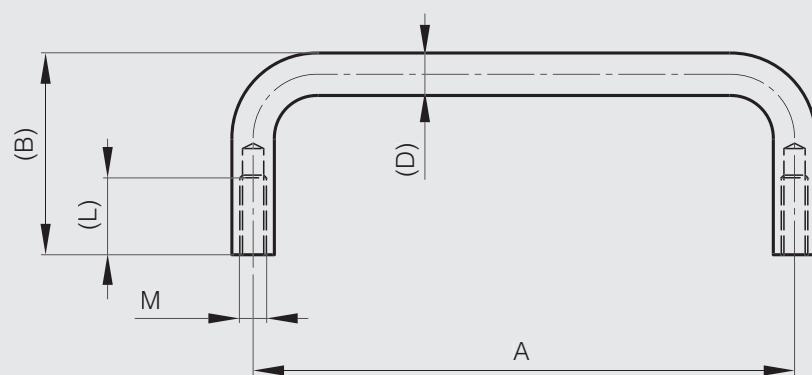
Grab handles

Rear mount grab handles

Rear mounted grab handles 102 to 204 mm

STEEL

Part number	Material	Finish	A	B	D	L	M	Weight (g)
19-1-3569	steel	chrome plated	102	38	8	14	5	70
19-1-3570	steel	chrome plated	153	38	8	14	5	90
19-1-3571	steel	chrome plated	204	38	8	14	5	105

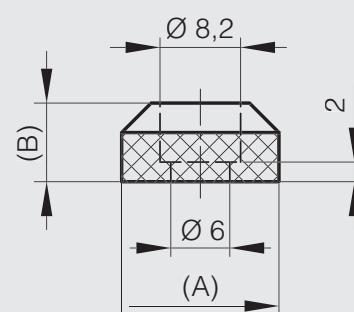
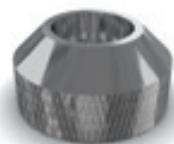


Knurled collar

For use with handles part numbers 19-1-3569, 19-1-3570 and 19-1-3571.

BRASS

Part number	Material	Finish	A	B	Weight (g)
19-1-3572	brass	chrome plated	16	8	10



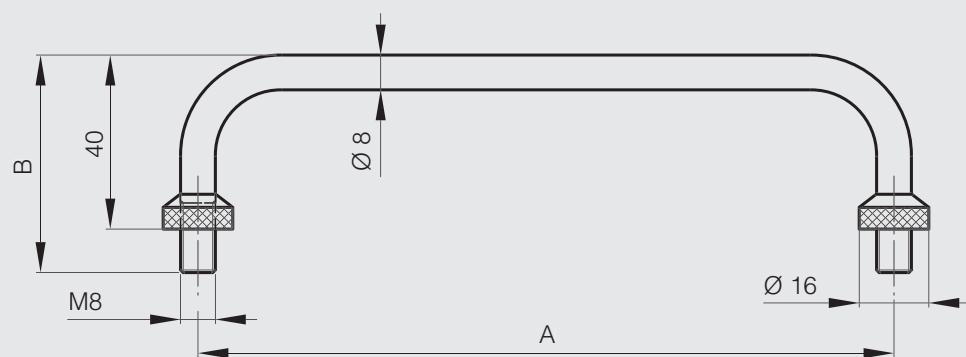
Grab handles

Rear mount grab handles

Rear mounted handles

BRASS RoHS

Part number	Material	Finish	A	B	Weight (g)
19-1-3390	brass	chrome plated	160	50	114

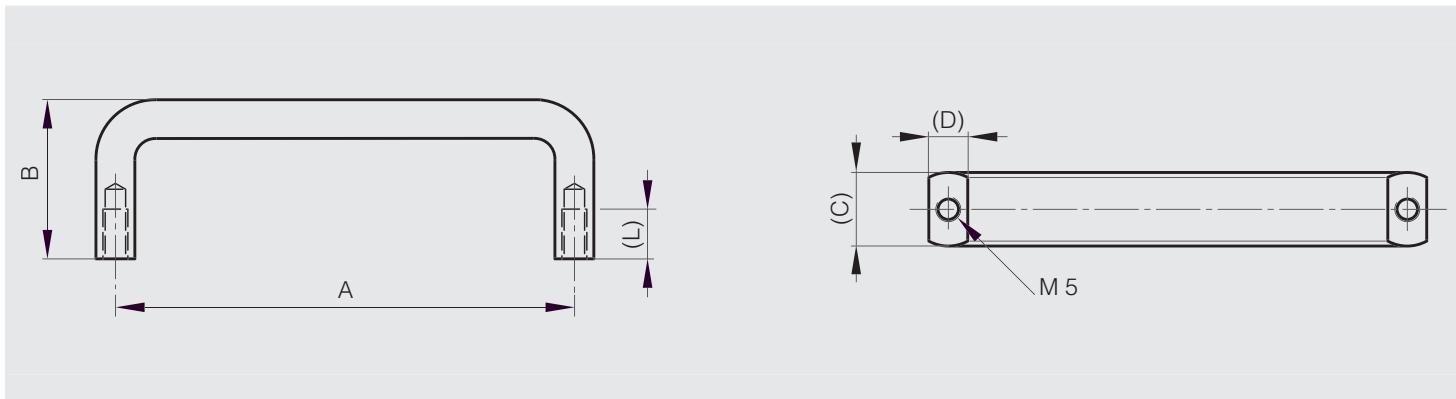


Rear mounted grab handles 92 to 200 mm

Complete with M5 screws for 304 stainless steel version.

STAINLESS STEEL

Part number	Material	Finish	A	B	C	D	L	Weight (g)
19-1-3833	316 stainless steel	mirror polished	92	32	14.8	7.8	10	120
19-7-3696	304 stainless steel	mirror polished	100	40	14	8	11	120
19-1-3834	316 stainless steel	mirror polished	110	32	14.8	7.8	10	120
19-7-3697	304 stainless steel	mirror polished	150	50	14	8	11	174
19-7-3698	304 stainless steel	mirror polished	200	50	14	8	11	210



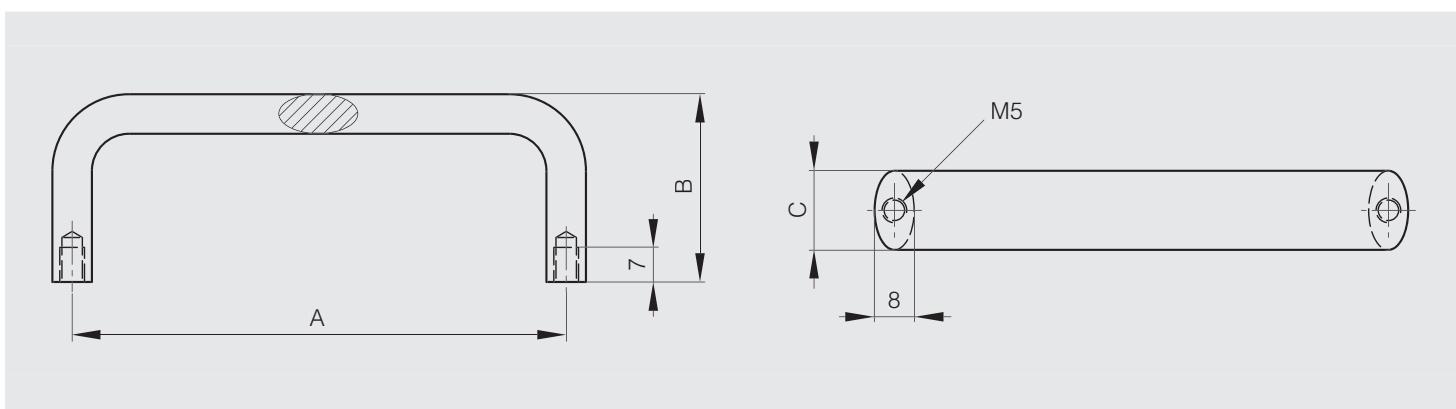
Grab handles

Rear mount grab handles

Black aluminium rear mounted grab handles 75 to 150 mm

ALU
RoHS

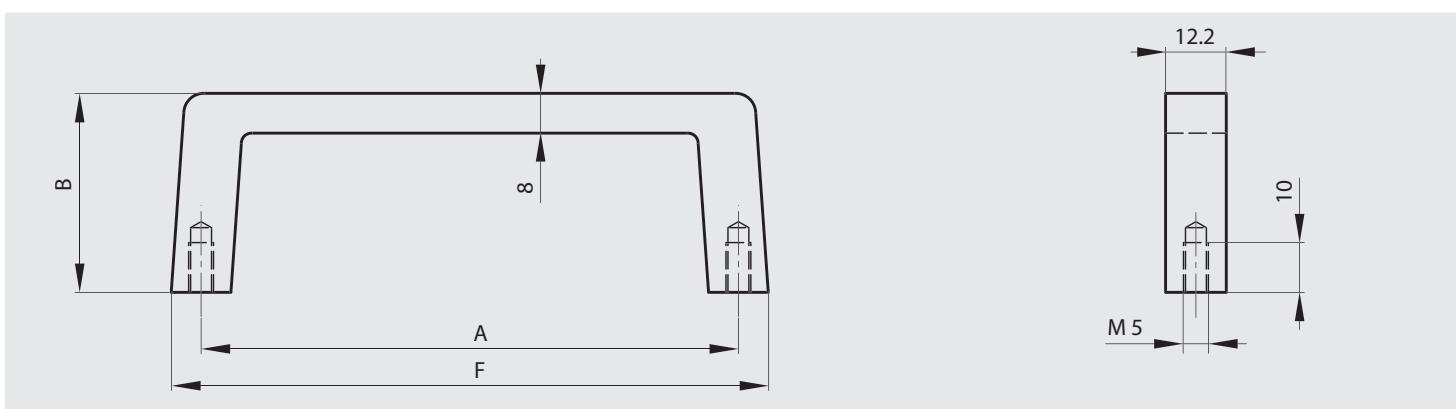
Part number	Material	Finish	A	B	C	Weight (g)
19-1-9001	aluminium	black painting	75	38	16	34
19-1-9002	aluminium	black painting	100	38	16	45
19-1-9003	aluminium	black painting	150	38	16	68



Black aluminium rear mounted grab handles 88 to 120 mm

ALU
RoHS

Part number	Material	Finish	A	B	F	Weight (g)
19-7-3644	aluminium	matt black	88	40	102	50
19-7-3645	aluminium	matt black	120	40	134	60



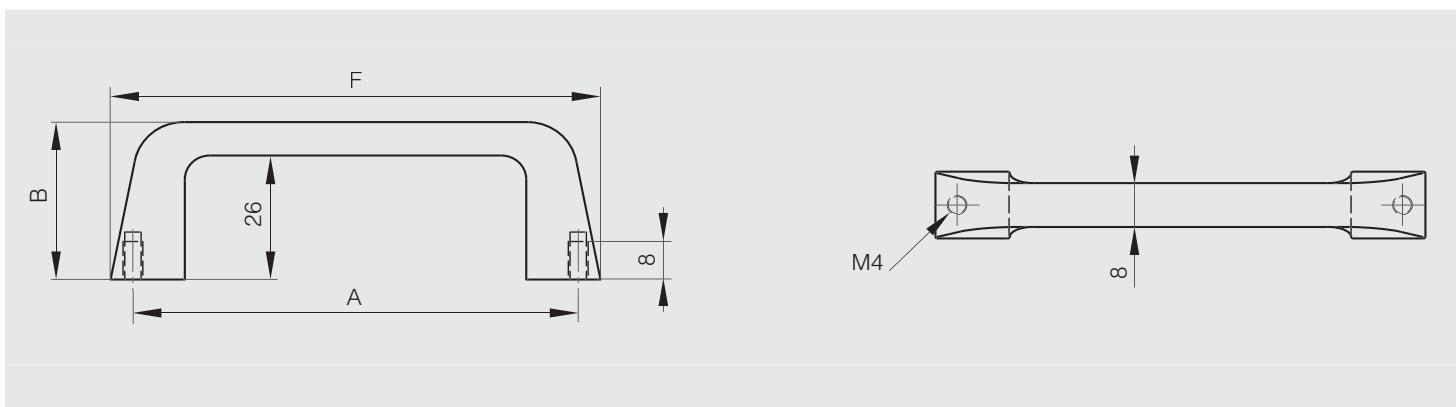
Grab handles

Rear mount grab handles

Chrome plated rear mounted grab handle 90 mm



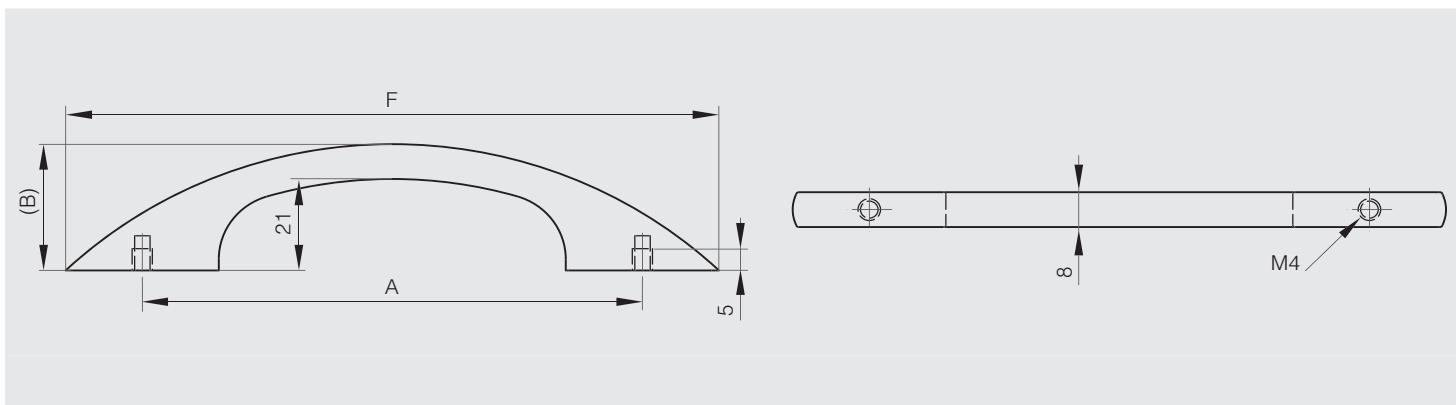
Part number	Material	Finish	A	B	F	Weight (g)
19-7-3426	zinc die-cast	chrome plated	90	33	99	52.5



Chrome plated rear mounted grab handle 111 mm



Part number	Material	Finish	A	B	F	Weight (g)
19-7-3527	zinc die-cast	chrome plated	111	29	145	54.8



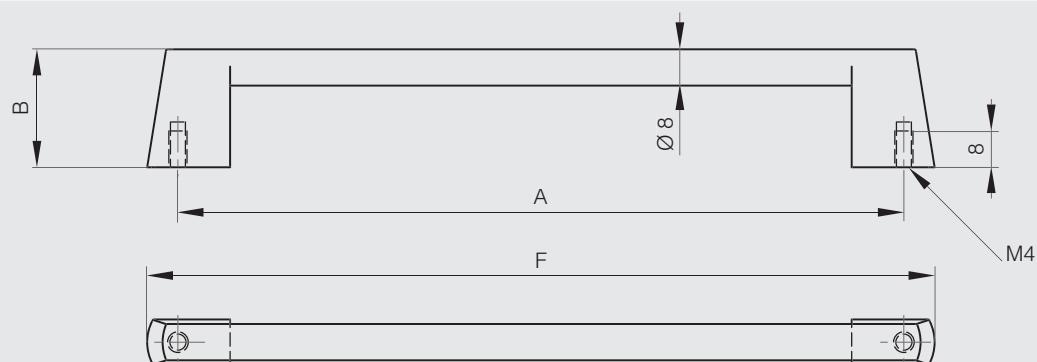
Grab handles

Rear mount grab handles

Chrome plated zinc die-cast rear mounted grab handles 160 mm



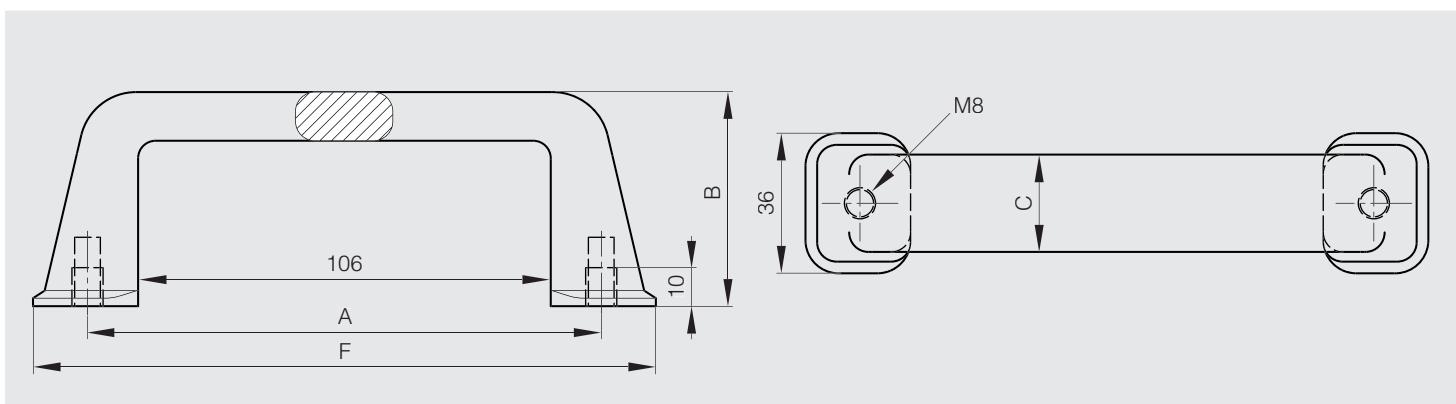
Part number	Material	Finish	A	B	F	Weight (g)
19-7-3385	zinc die-cast	chrome plated	160	26	174	84
19-7-3387	zinc die-cast	matt black	160	26	174	84



Moulded grab handle - rear mounted



Part number	Material	Finish	A	B	C	F	Weight (g)
19-1-9000	polymer	black	132	55	25	160	86



Drop handles

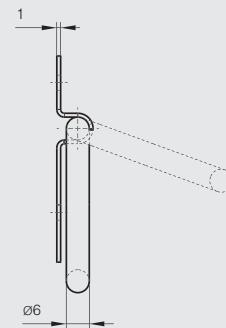
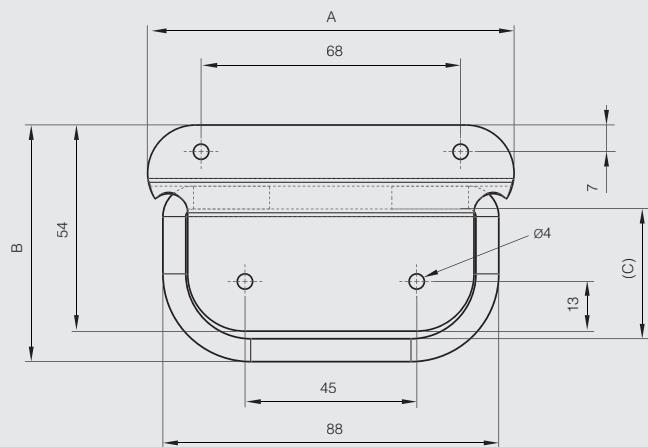
Drop handles - free swing

Drop handles 96 x 61 mm - load 25 kg

Maximum load: 25 kg.
With 80° stop.

STEEL

Part number	Material	Finish	A	B	C	Note	Weight (g)
19-7-3339	steel	raw	96	63	34	undrilled	77
19-7-3637	steel	zinc plated	96	63	34	drilled	77

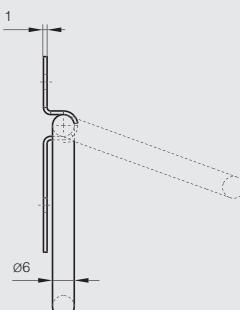
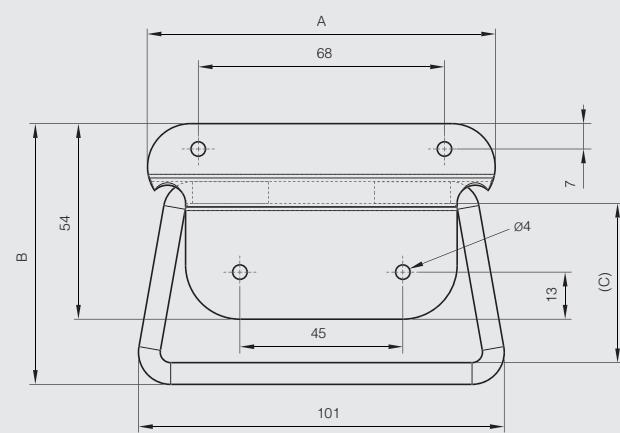


Drop handle 96 x 71 mm - load 25 kg

Maximum load: 25 kg.
With 80° stop.

STEEL

Part number	Material	Finish	A	B	C	Note	Weight (g)
19-7-3633	steel	zinc plated	96	72	45	drilled	107



Drop handles

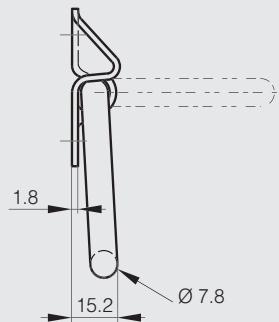
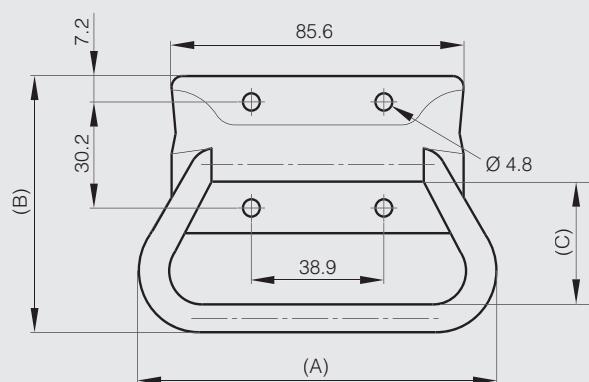
Drop handles - free swing

Drop handle 104.8 x 73.7 mm - load 90 kg

Maximum load: 90 kg.
With 90° stop.

STEEL

Part number	Material	Finish	A	B	C	Weight (g)
19-7-3721	steel	zinc plated	104.8	73.7	34.9	181

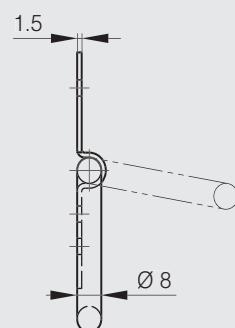
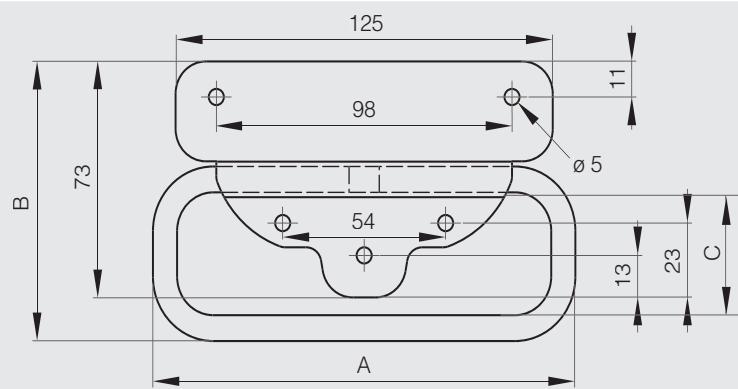


Drop handles 140 x 87 mm - load 60 kg

Maximum load: 60 kg.
With 80° stop.

STEEL

Part number	Material	Finish	A	B	C	Note	Weight (g)
19-7-3341	steel	raw	118	80	34	undrilled	180
19-7-3638	steel	zinc plated	118	80	34	drilled	180



Drop handles

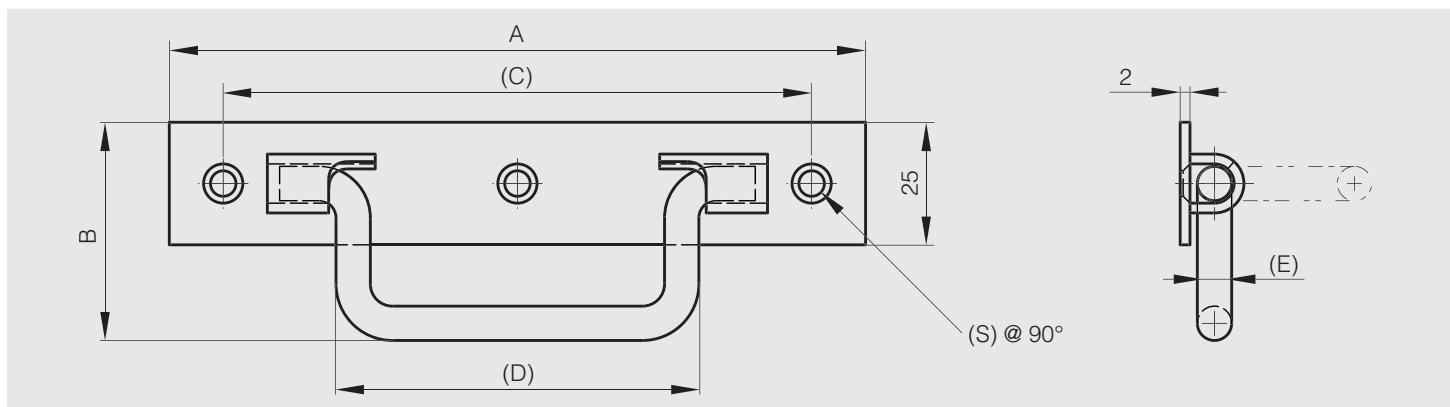
Drop handles - free swing

Drop handles - load 35 kg or 45 kg

With 90° stop.

STEEL

Part number	Material	Finish	A	B	C	D	E	S	Note	Weight (g)
19-7-3515	steel	zinc plated	142	45	120	75	8	5.2	load: 35 kg	115
19-7-3535	steel	zinc plated	160	46	138	94	8	5.2	load: 45 kg	142
19-7-3649	steel	zinc plated	187	49.6	162	109	8	5.2	load: 45 kg	155

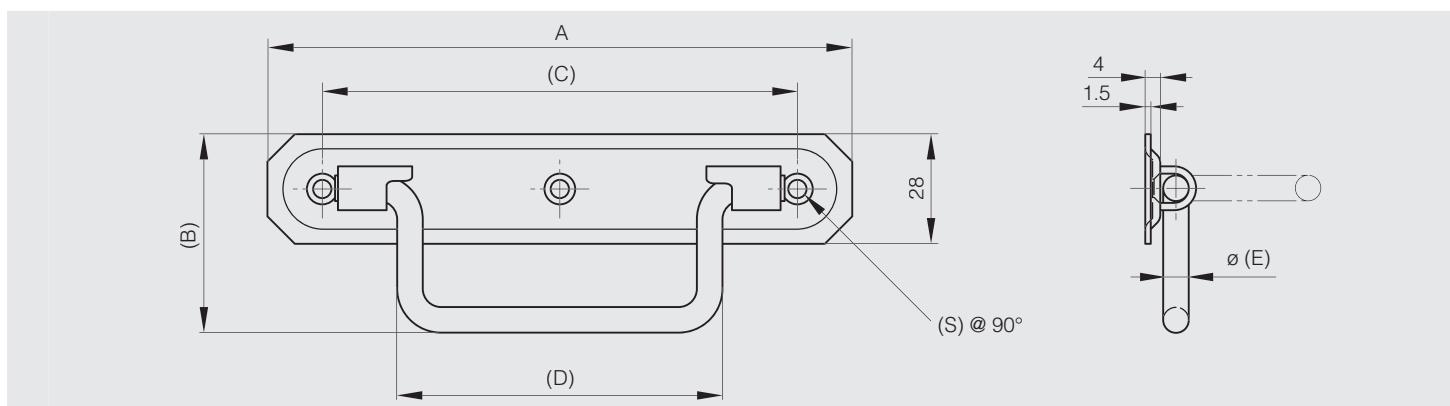


Drop handle with chamfremed angles - load 35 kg

With 90° stop.

STAINLESS STEEL RoHS

Part number	Material	Finish	A	B	C	D	E	S	Note	Weight (g)
19-7-3690	304 stainless steel	raw	158	54	130	89	7	5.2	load: 35 kg / chamfremed angles	120



Drop handles

Drop handles - free swing

Drop handle 130 x 80 mm - load 68 kg

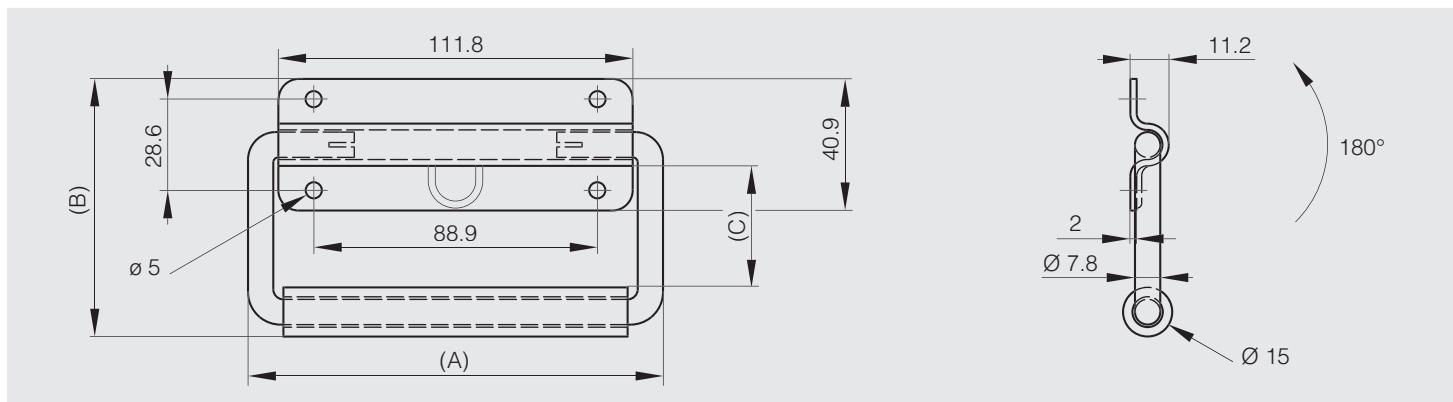
Maximum load: 68 kg.

With 180° stop.

Rubber grip in neoprene.

STEEL

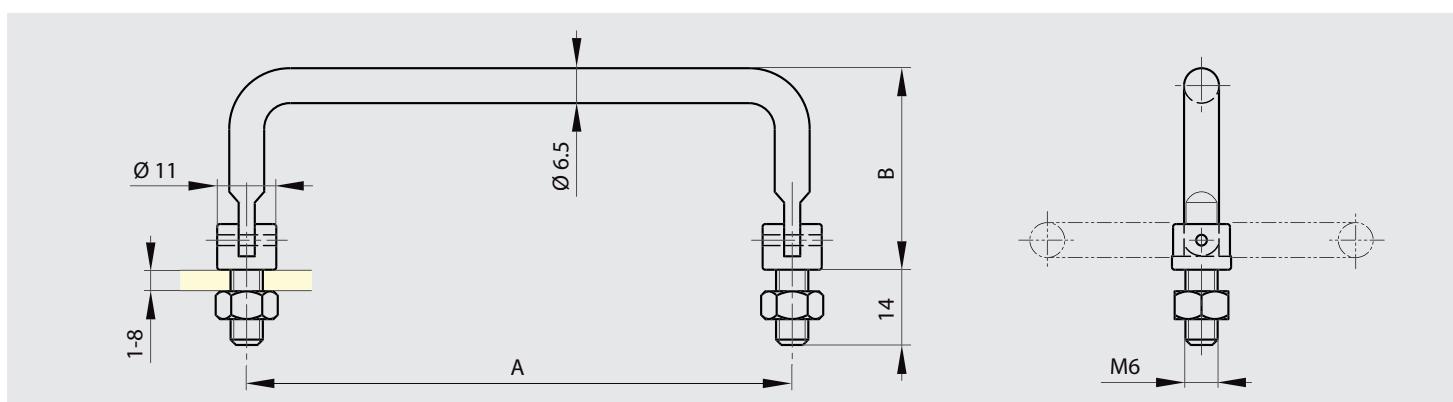
Part number	Material	Finish	A	B	C	Weight (g)
19-7-3706	steel	zinc plated	130	80	38.1	227



Black steel folding handle

STEEL RoHS

Part number	Material	Finish	A	B	Weight (g)
19-1-9006	steel	black epoxy	101.5	37.5	54

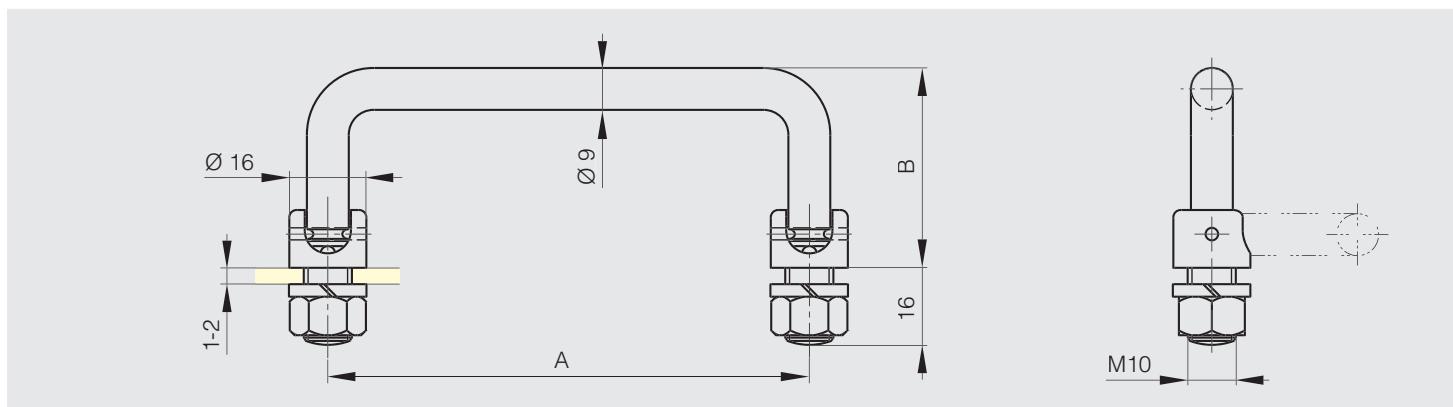


Folding handle with stop in open position

With 90° stop and position control.



Part number	Material	Finish	A	B	Weight (g)
19-1-9004	steel	chrome plated	100	41.5	120
19-1-9005	steel	chrome plated	135	41.5	150



Drop handles

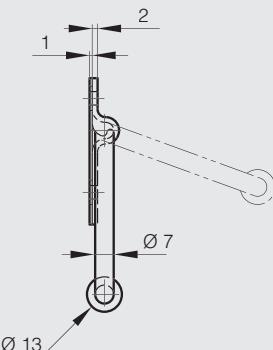
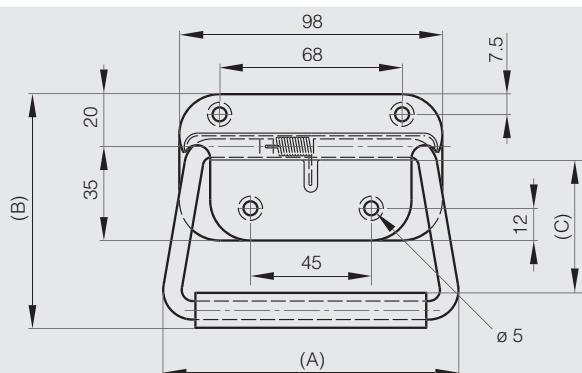
Spring loaded drop handles

Spring loaded handles 110 mm - load 25 kg

Maximum load: 25 kg.
With 70° stop.

STEEL

Part number	Material	Finish	A	B	C	Weight (g)
19-7-3641	steel	zinc plated	110	87	50.5	210

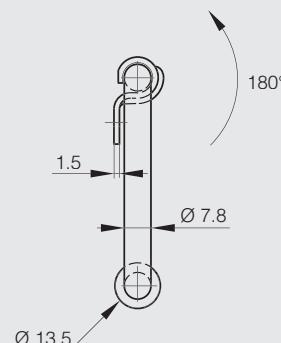
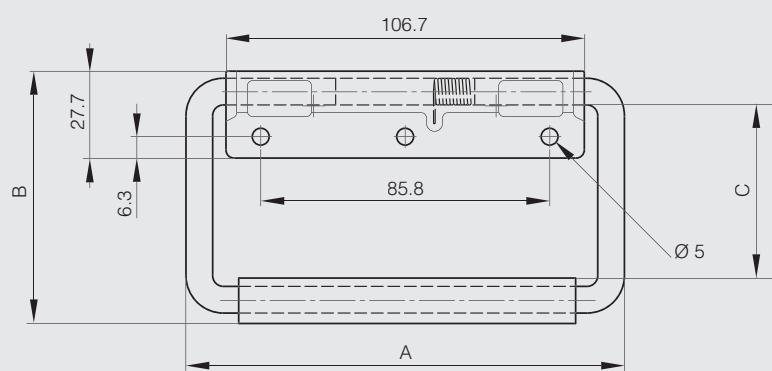


Spring loaded handles - load 34 kg - 180° opening

Maximum load: 34 kg.
With 180° stop.
Rubber grip in EPDM.

STAINLESS STEEL STEEL ✓ RoHS

Part number	Material	Finish	A	B	C	Weight (g)
19-7-3710	steel	black epoxy	130	75.4	46	227
19-7-3711	stainless steel	passivated	130	75.4	46	227



Drop handles

Spring loaded drop handles

Spring loaded handles 130 mm - load 45 kg

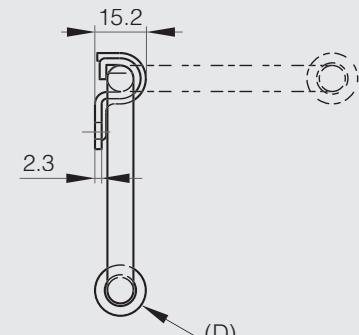
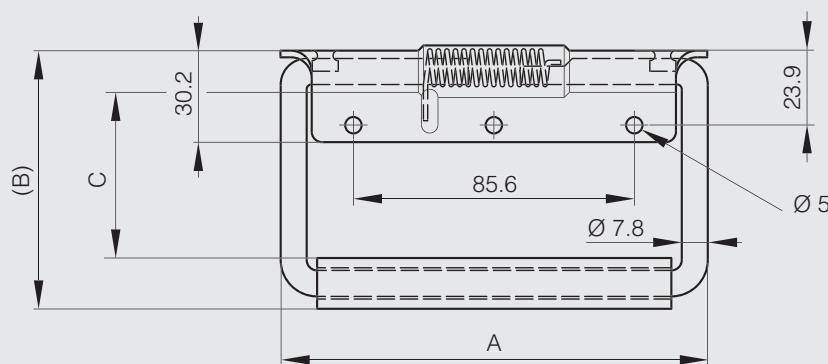
Maximum load: 45 kg.

With 90° stop.

Rubber grip.

STEEL

Part number	Material	Finish	A	B	C	D	Weight (g)
19-7-3733	steel	zinc plated	130	81.3	48.3	15	226



Spring loaded handles 130.3 mm - load 45 kg

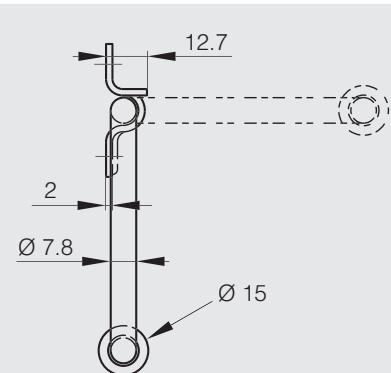
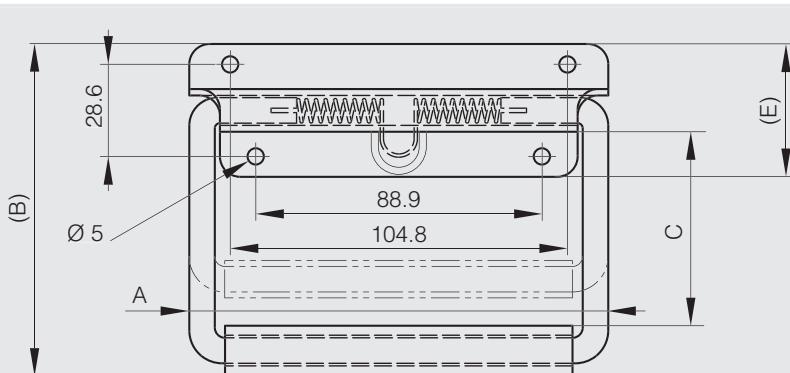
Maximum load: 45 kg.

With 90° stop.

Rubber grip.

STAINLESS STEEL STEEL

Part number	Material	Finish	A	B	C	E	Weight (g)
19-7-3745	steel	zinc plated	130.3	82.6	38.1	39.6	272
19-7-3740	steel	zinc plated	130.3	104.1	60.4	39.6	272
19-7-3746	stainless steel	raw	130.3	82.6	38.1	41.9	272
19-7-3741	stainless steel	raw	130.3	104.1	60.4	41.9	272



Drop handles

Spring loaded drop handles

Spring loaded handle 130 mm - load 54 kg

Maximum load: 54 kg.

With 90° stop.

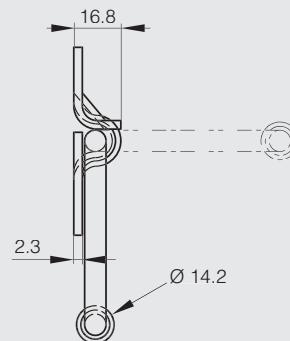
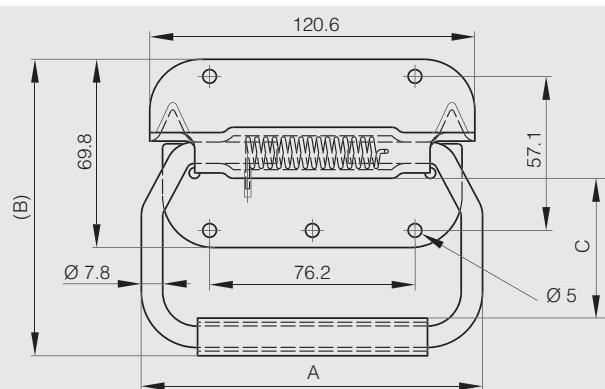
A special aluminium sleeve located between the rubber grip and the bail assures the grip will not ride up on the bail during lifting. Adds comfort and durability.

Fungus resistant neoprene.

Meets military specifications MIL.T.945, MIL.C.4150.



Part number	Material	Finish	A	B	C	Weight (g)
19-7-3725	stainless steel	raw	130	112.7	50.8	317



Spring loaded handles 130 mm - load 68 kg

Maximum load: 68 kg.

With 90° stop.

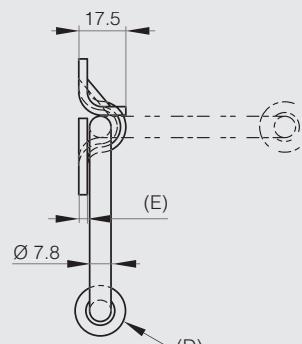
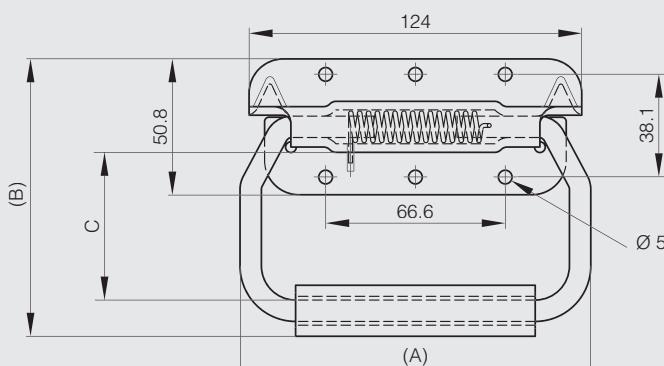
A special aluminium sleeve located between the rubber grip and the bail assures the grip will not ride up on the bail during lifting. Adds comfort and durability.

Fungus resistant neoprene.

Meets military specifications MIL.T.945, MIL.C.4150.

STEEL

Part number	Material	Finish	A	B	C	D	E	Weight (g)
19-7-3729	steel	zinc plated	130	101.6	50.8	14.2	2.3	275
19-7-3730	steel	zinc plated	130	104.1	50.8	19	2.3	285



Drop handles

Spring loaded drop handles

Recessed spring loaded drop handles 155.5 mm - load 57 kg

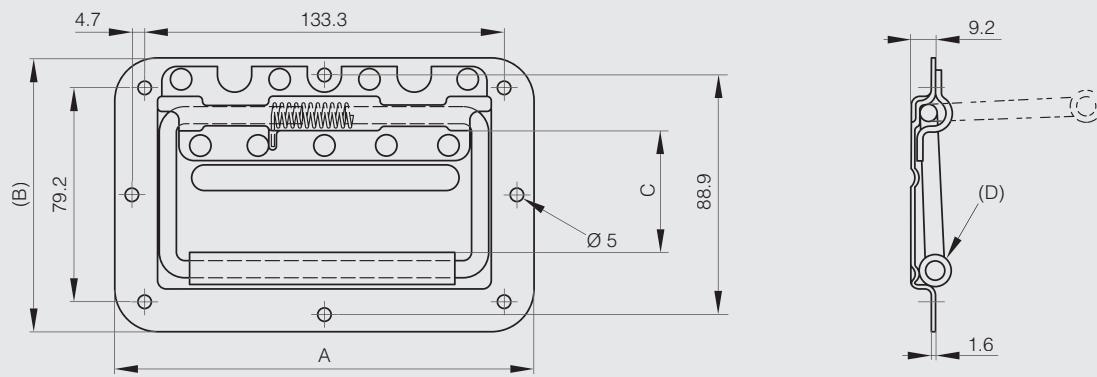
Maximum load: 57 kg.

With 90° stop.

Cut-out dimension: 78.7 x 132.

STEEL

Part number	Material	Finish	A	B	C	D	Weight (g)
19-7-3751	steel	zinc plated	155.5	101.6	42.9	19	385
19-7-3749	steel	zinc plated	155.5	101.6	46	13.5	385



Recessed spring loaded drop handles 177.8 mm - load 68 kg

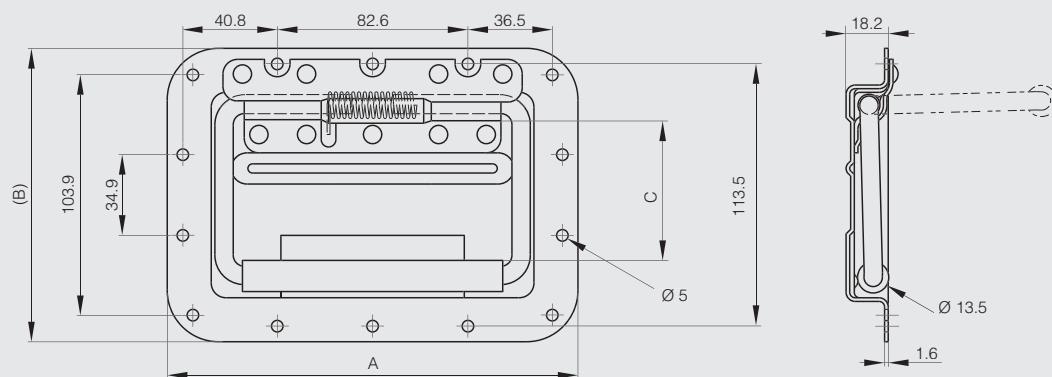
Maximum load: 68 kg.

With 90° stop.

Cut-out dimension: 99 x 146.

STEEL

Part number	Material	Finish	A	B	C	Weight (g)
19-7-3756	steel	zinc plated	177.8	127	62	567



Flush handles

Screw-on flush handles

Flush handles 105 x 63.5 mm

This handle has 2 detents at 0° and 90°.

Maximum load: 100 kg/pair.

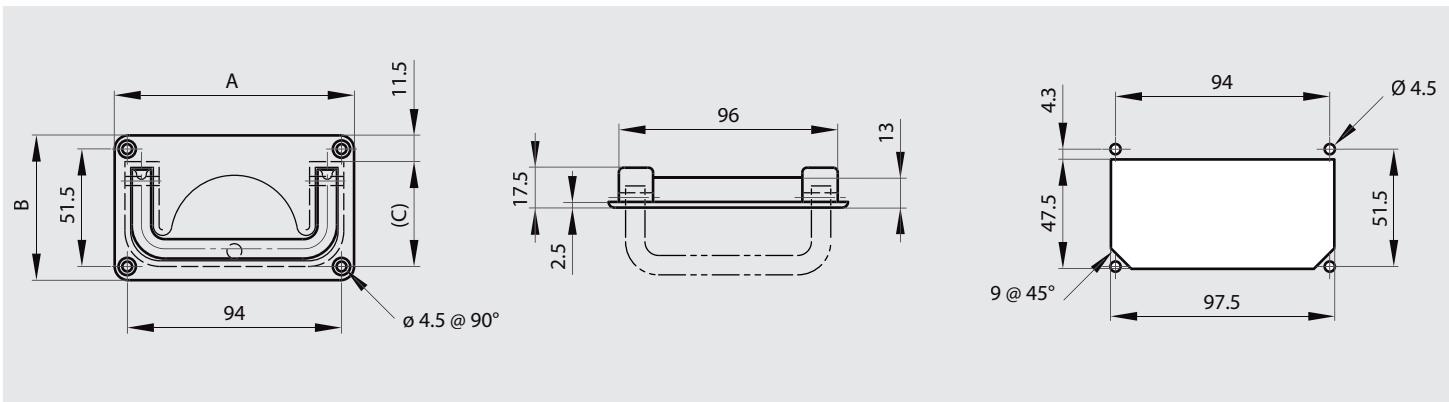
Handle is chrome plated.

Delivered unassembled.

Assembled version: upon request.



Part number	Material	Finish	A	B	C	Weight (g)
19-7-3605	aluminium	raw	105	63.5	46	123



Flush handle 120 x 91 mm

This handle has 2 detents at 0° and 90°.

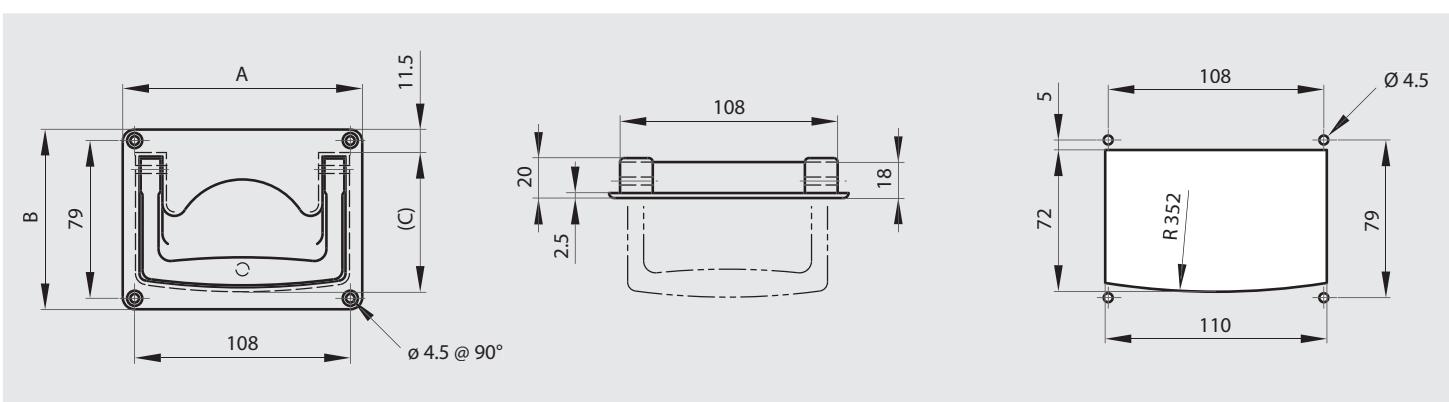
Maximum load: 100 kg/pair.

Delivered unassembled.

Assembled version: upon request.



Part number	Material	Finish	A	B	C	Weight (g)
19-7-3338	aluminium	raw	120	91	71.5	145



Flush handles

Screw-on flush handles

Flush handle 150 x 105 mm

This handle has 2 detents at 0° and 90°.

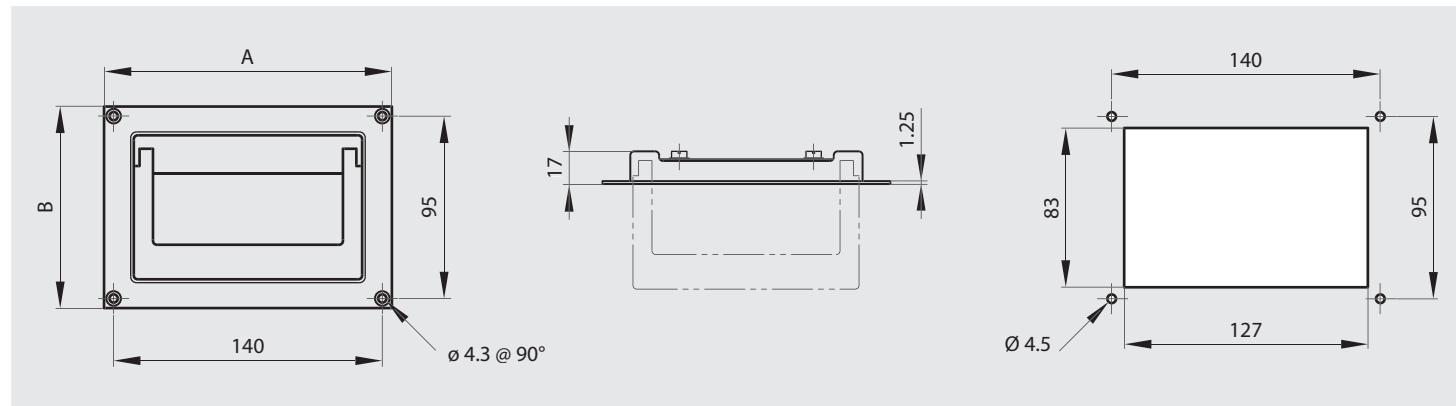
Maximum load: 100 kg/pair.

Delivered unassembled.

Cut-out dimension: 83 x 127.

STEEL
RoHS

Part number	Material	Finish	A	B	Weight (g)
19-7-3606	steel	zinc plated	150	105	450



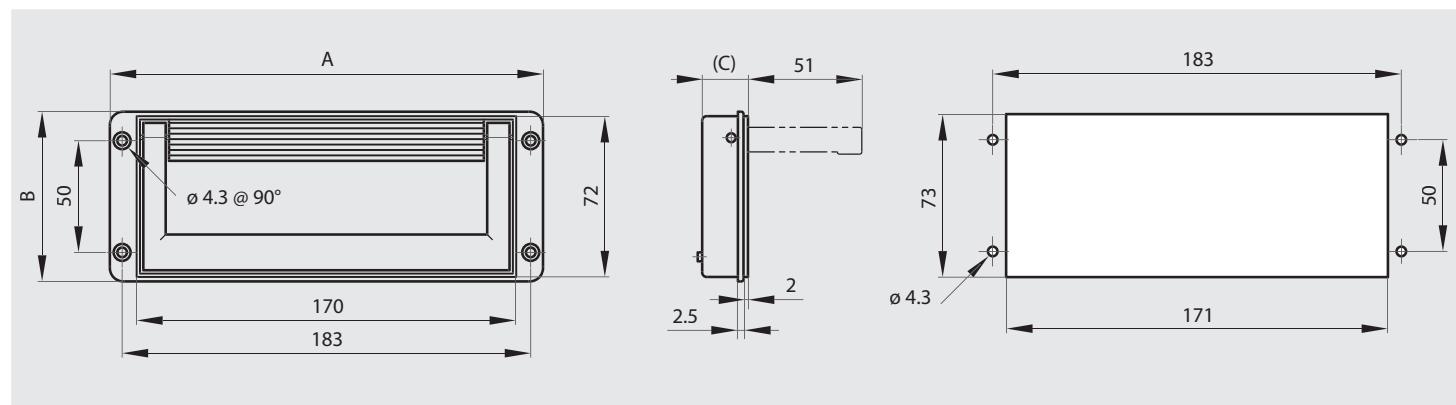
Flush handle 194 x 76 mm

This handle has 2 detents at 0° and 90°.

Maximum load: 100 kg/pair.

ZAMAK
RoHS

Part number	Material	Finish	A	B	C	Weight (g)
19-7-3643	zinc die-cast	silver varnish / black	194	76	20.5	310



Flush handles

Screw-on flush handles

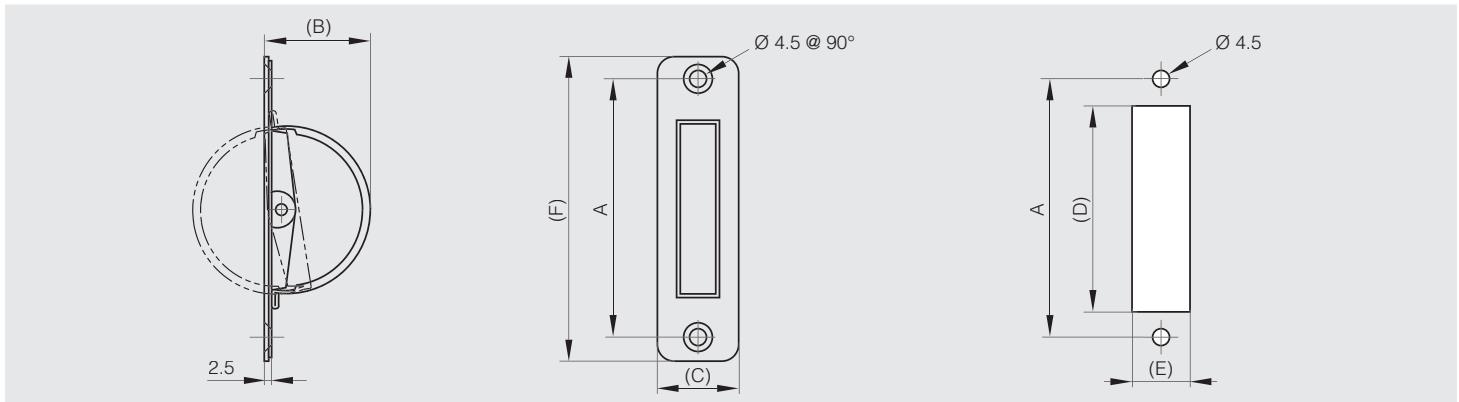
Retractable flush handles in stainless steel



STAINLESS STEEL

RoHS

Part number	Material	Finish	A	B	C	D	E	F	Weight (g)
NEW 19-7-3813	304 stainless steel	satin	76	36	24	60	18	90	46
19-7-3814	304 stainless steel	satin	94	42	24	72	18	110	55

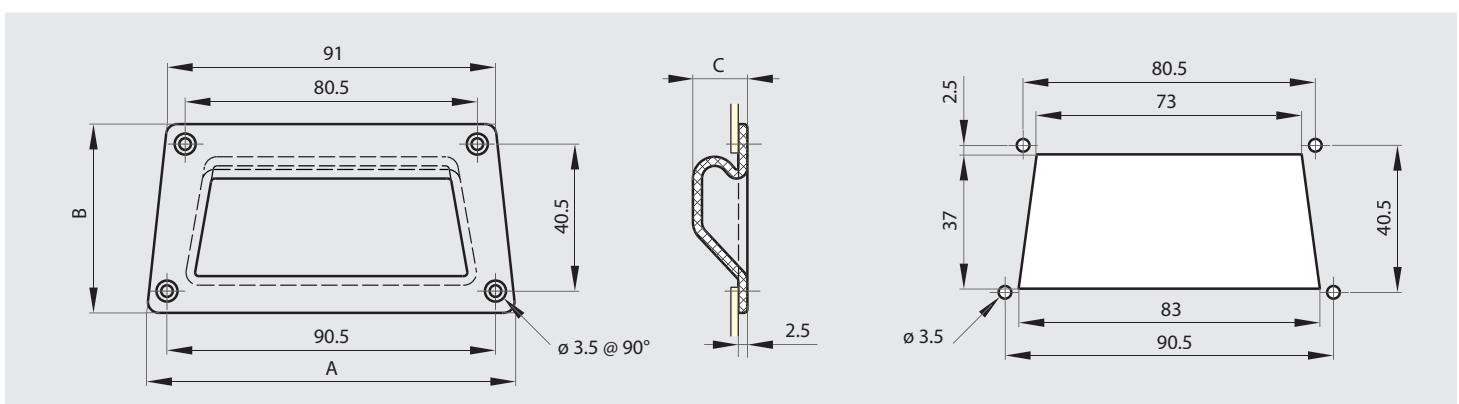


Screw-on flush handle 101 x 52 mm

POLYMER

RoHS

Part number	Material	Finish	A	B	C	Weight (g)
19-7-3642	ABS	grey	101	52	15	20



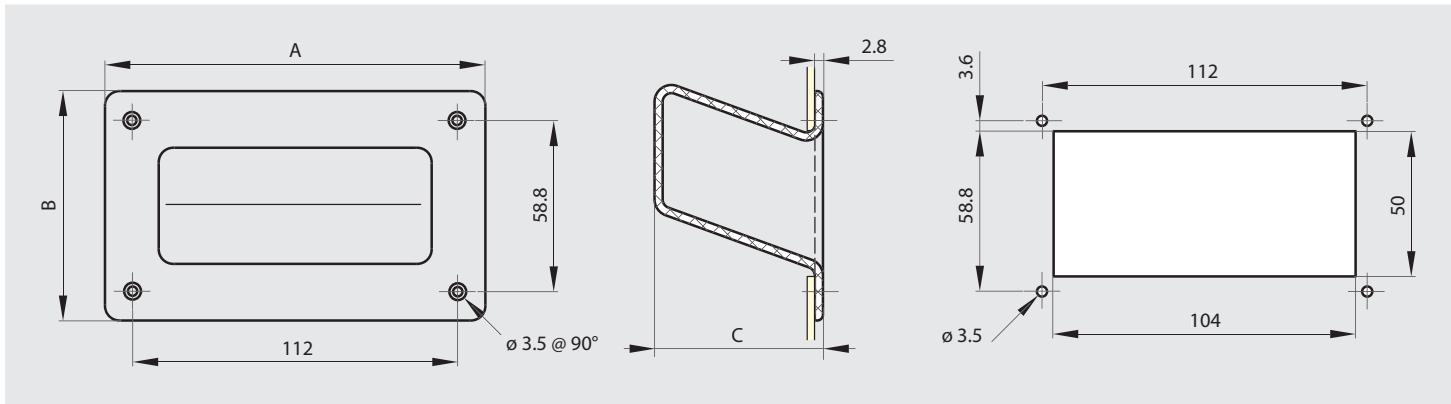
Flush handles

Screw-on flush handles

Screw-on flush handle 131 x 79 mm

POLYMER RoHS

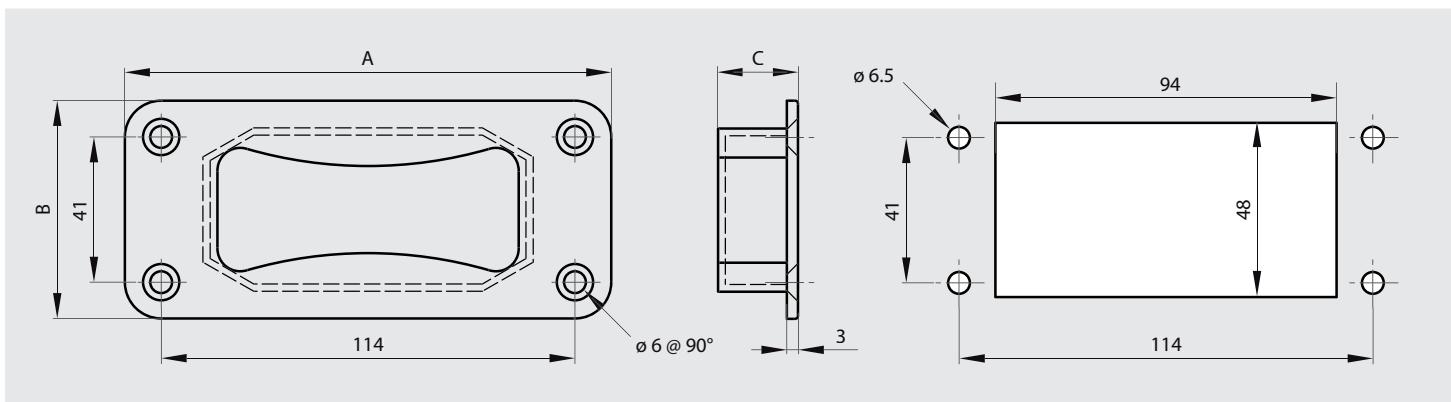
Part number	Material	Finish	A	B	C	Weight (g)
19-7-3667	ABS	black	131	79	58	45



Screw-on recessed grab handle

POLYMER RoHS

Part number	Material	Finish	A	B	C	Weight (g)
19-1-3815	polyamide	black	133	60	22	47



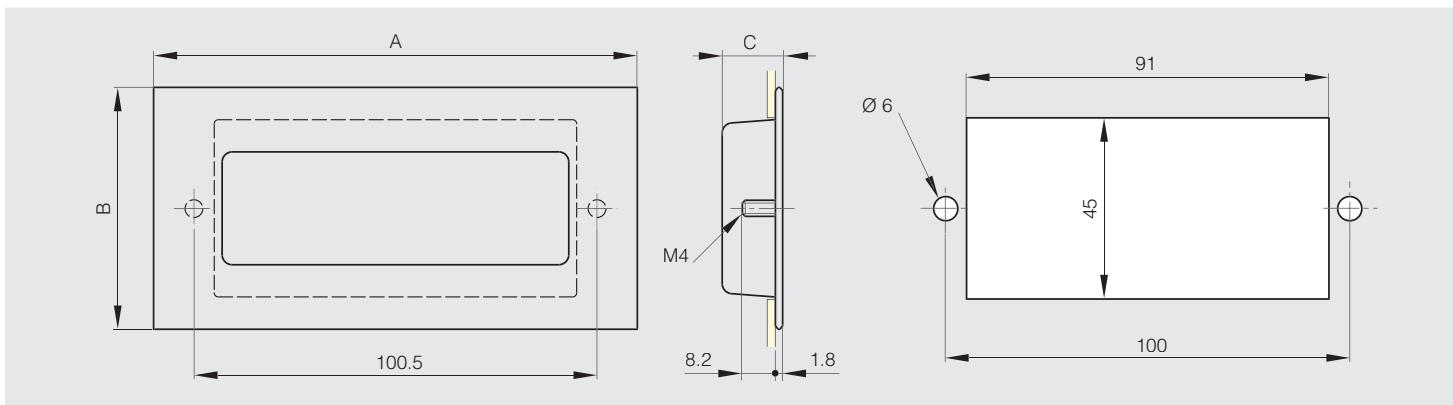
Flush handles

Screw-on flush handles

Bolt-on flush handle 120 x 60 mm

STAINLESS STEEL RoHS

Part number	Material	Finish	A	B	C	Weight (g)
19-7-3831	304 stainless steel	satin	120	60	15	54

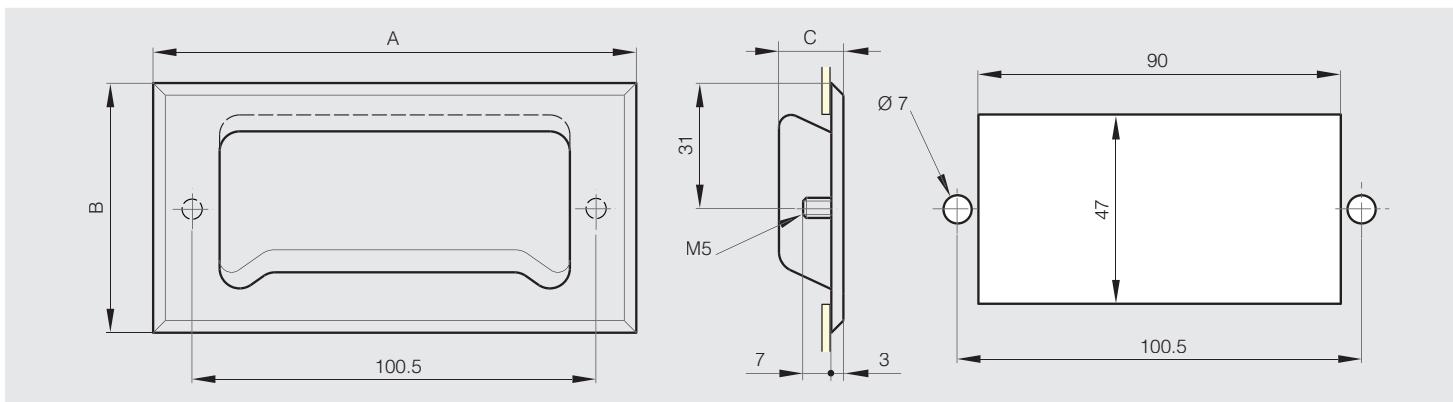


Bolt-on flush handle 120 x 62 mm

Bolt in copper plated steel.

STAINLESS STEEL

Part number	Material	Finish	A	B	C	Weight (g)
19-7-3832	304 stainless steel	satin	120	62	16	60



Flush handles

Screw-on flush handles

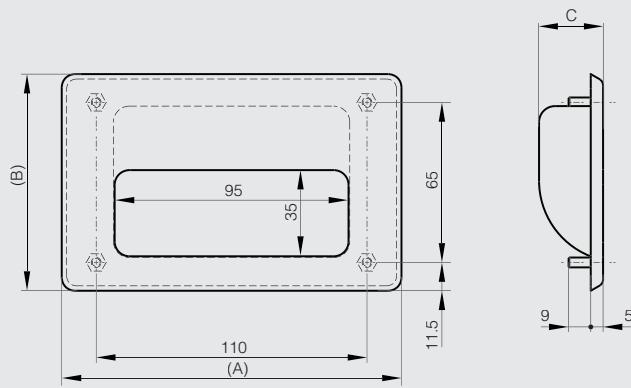
Bolt-on flush handle 138 x 88 mm

Stud in 304 stainless steel.



STAINLESS
STEEL
RoHS

Part number	Material	Finish	A	B	C	Weight (g)
NEW 19-7-3845	304 stainless steel	satin	138	88	26	170



Flush handles

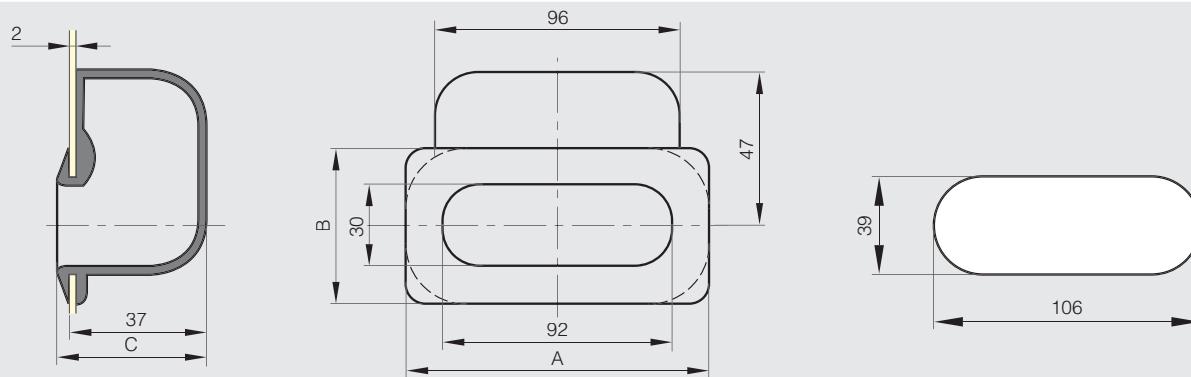
Snap-in flush handles

Recessed handle in elastomer

Snap-in in the cut-out.



Part number	Material	Finish	A	B	C	Weight (g)
19-7-3838	elastomer	black	120	58	43	95

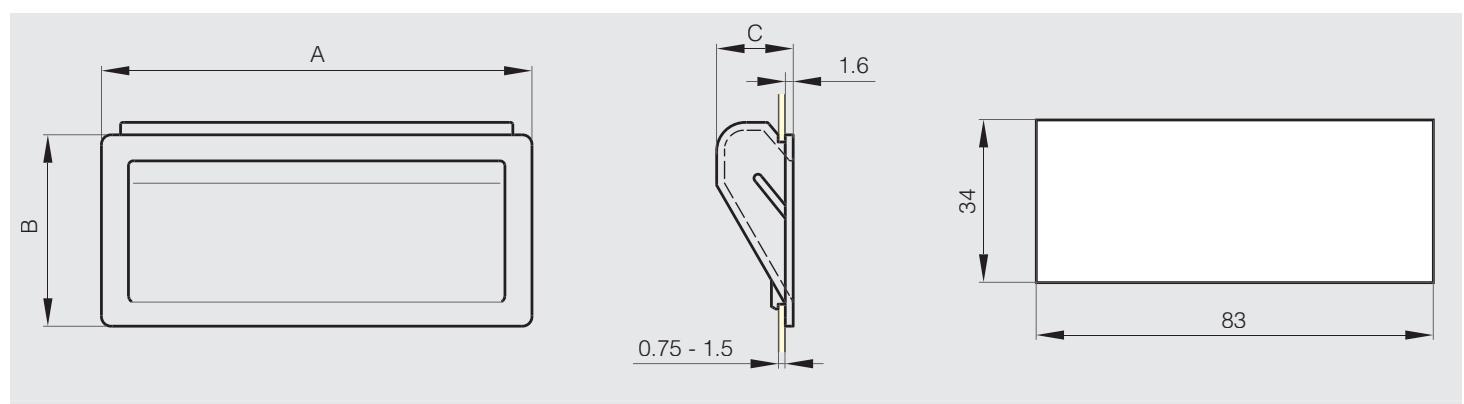


Snap-in flush handle 90 x 40 mm

Door thickness: 0.75 to 1.5 mm.



Part number	Material	Finish	A	B	C	Weight (g)
19-1-3687	ABS	black	90	40	16	11



Flush handles

Snap-in flush handles

Snap-in flush handles 137.4 x 37.4 mm or 140 x 36 mm

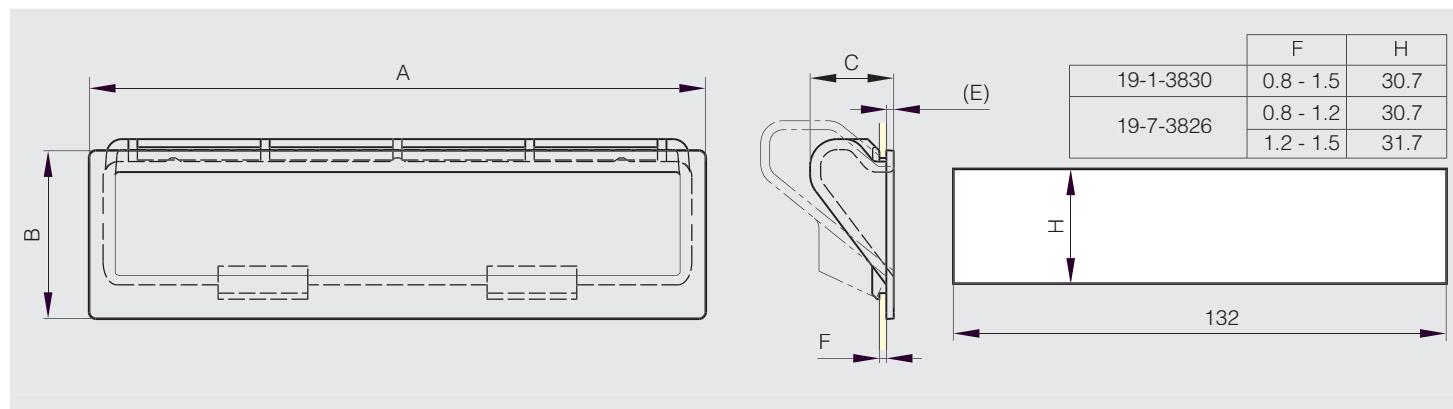
Part number 19-1-3830: cut-out 132 x 30.7 for material thickness from 0.8 to 1.5 mm.

Part number 19-7-3826: cut-out 132 x 30.7 for material thickness from 0.8 to 1.2 mm.

Part number 19-7-3826: cut-out 132 x 31.7 for material thickness from 1.2 to 1.5 mm.



Part number	Material	Finish	A	B	C	E	Weight (g)
19-1-3830	ABS	black	137.4	37.4	18.6	1.6	30
19-7-3826	polyamide	black	140	36	30	2.0	32



Flush handles

Flush handles with fixing clips

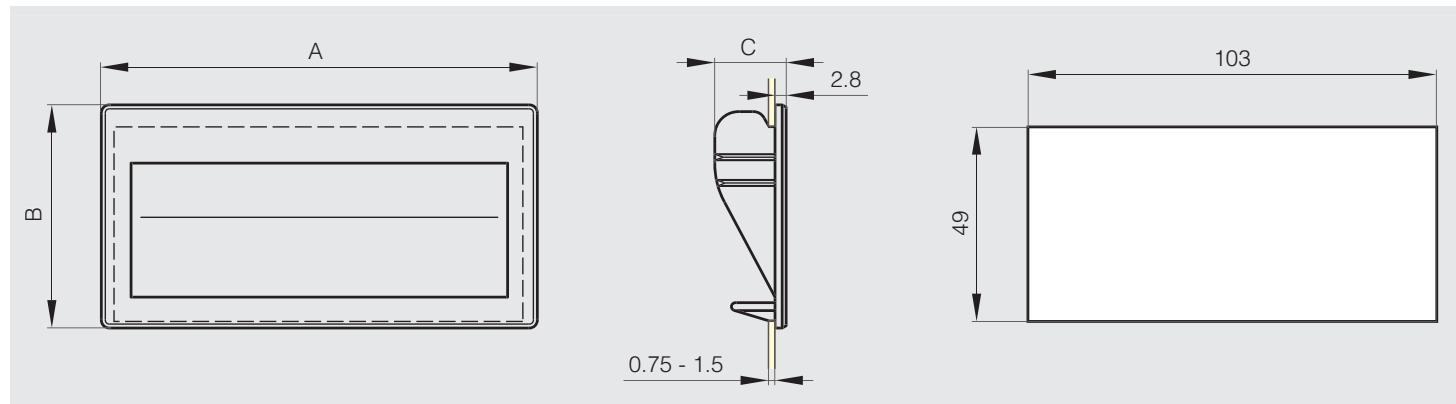
Flush handle with fixing clips 110 x 56.3 mm

Door thickness: 0.75 to 1.5 mm.

Supplied with fixing clips.



Part number	Material	Finish	A	B	C	Weight (g)
19-7-3688	ABS	black	110	56.3	18	32



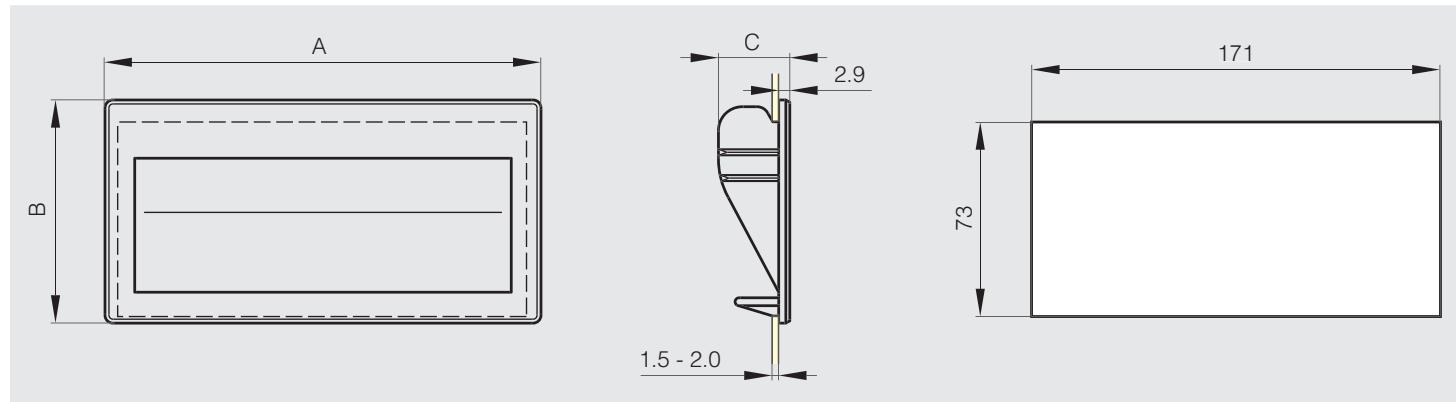
Flush handle with fixing clips 187 x 79 mm

Door thickness: 1.5 to 2 mm.

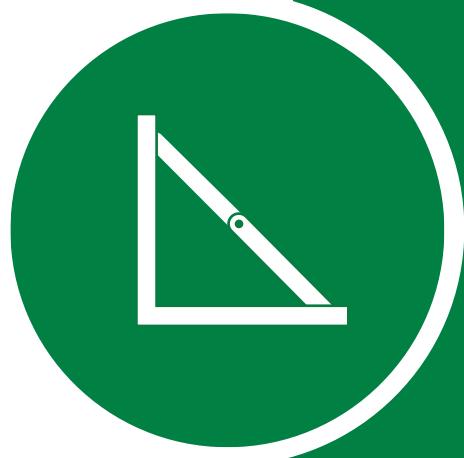
Supplied with fixing clips.



Part number	Material	Finish	A	B	C	Weight (g)
19-7-3689	ABS	black	187	79	22	85



ACCESSORIES



SUPPORT STAYS



Support stays with automatic release - small size 315



Support stay with automatic release - 239 mm long 315



Support stays with automatic release in stainless steel 316



Support stay with automatic release - 495 mm long 316



Support stays with manual release 317



Bracket 317



Multi-angle lid stay with lock 318



Support stay 319

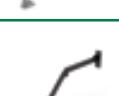
LID STAYS



Heavy duty spring loaded stay 320



Stay with safety stop 321



Black zinc plated stays A 322



Black zinc plated stays B 322



Stays without bracket 323



Zinc plated stays 323

NEW



Folding bracket

324

DOOR HOLDER



Door holders

325

RECESSED HOOKS

NEW



Soft closing recessed hook 326

NEW



Bracket for soft closing recessed hook 326

NEW



Spring loaded recessed hook 327

NEW



Bracket for spring loaded recessed hook 327

TELESCOPIC SLIDES



Aluminium mini slides 328



3/4 extension ball-bearing slide (2 pieces), front disconnect 329



Full extension ball-bearing slide (3 pieces), front disconnect and positive lock 330



Full extension ball-bearing slide (3 pieces), front disconnect and positive stop 331



Heavy duty, full extension ball-bearing slide (3 pieces), front disconnect and positive stop 332

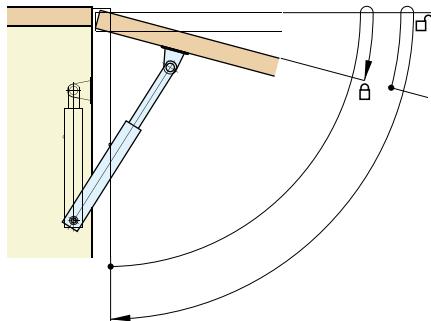


Full extension ball-bearing slide (3 pieces), soft-closing 333



Support stays

Support stays with automatic release

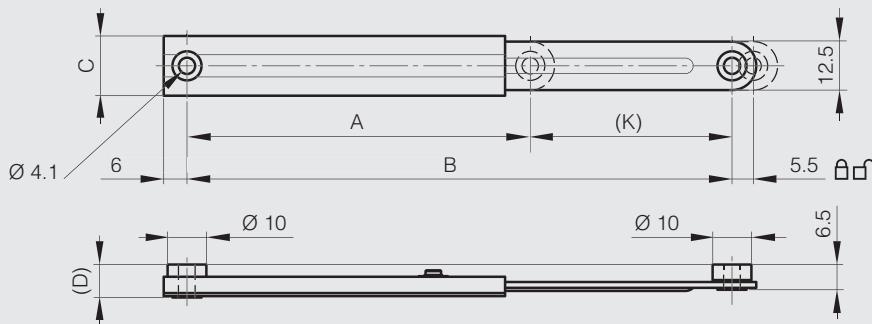


Support stays with automatic release - small size

Load capacity: 6 kg.

STAINLESS STEEL ✓
RoHS

Part number	Material	Finish	A	B	C	D	K	Weight (g)
24-7-3577	304 stainless steel	raw	67	100	15.4	8.8	32	10
24-7-3571	304 stainless steel	raw	88	140	15.4	8.8	52	40



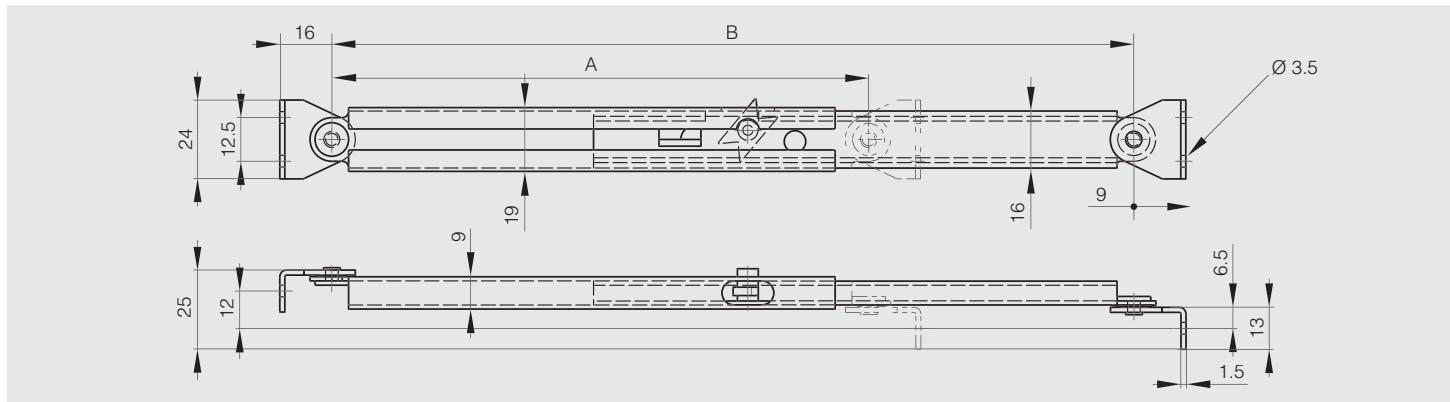
Support stay with automatic release - 239 mm long

A = closed dimension.

B = extended dimension.

STEEL ✓
RoHS

Part number	Material	Finish	A	B	Weight (g)
24-7-3542	steel	zinc plated	159	239	112





Support stays

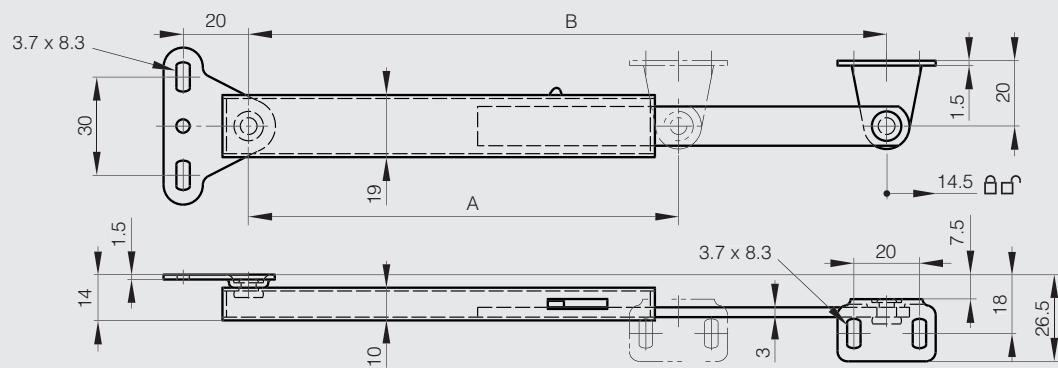
Support stays with automatic release

Support stays with automatic release in stainless steel

Load capacity: 15 kg.

STAINLESS STEEL

Part number	Material	Finish	A	B	Weight (g)
24-7-3552	304 stainless steel	satin	133	195	125
24-7-3553	304 stainless steel	satin	170	270	150



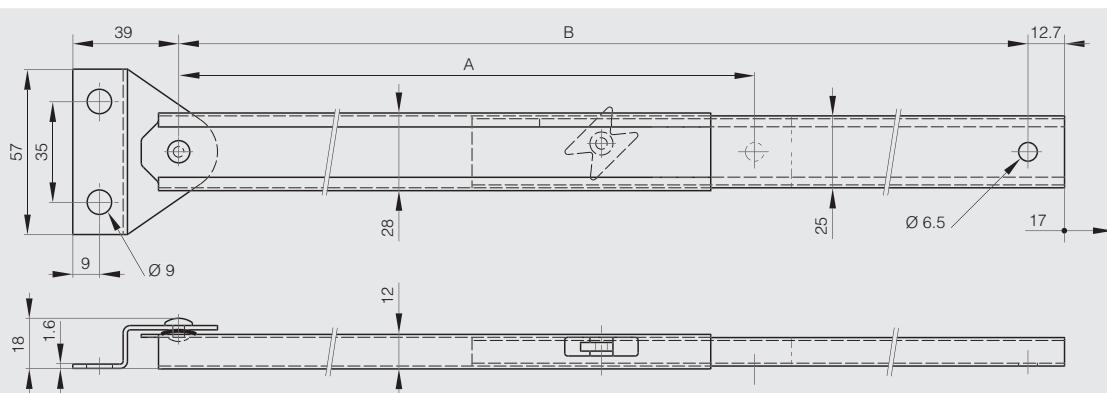
Support stay with automatic release - 495 mm long

A = closed dimension.

B = extended dimension.

STEEL RoHS

Part number	Material	Finish	A	B	Weight (g)
24-7-3543	steel	zinc plated	290	495	300





Support stays

Support stays with manual release

Support stays with manual release

A = closed dimension.

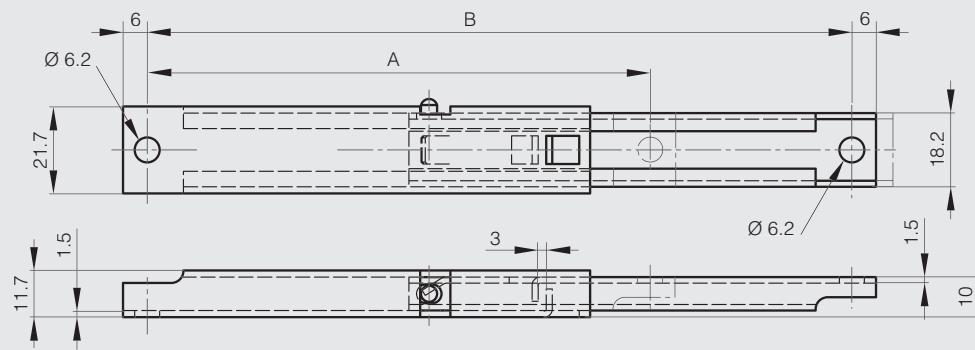
B = extended dimension.

Load capacity: 50 kg.

Push button release.



Part number	Material	Finish	A	B	Weight (g)
24-1-3558	304 stainless steel	raw	125	175	101
24-1-3559	304 stainless steel	raw	150	225	125
24-1-3560	304 stainless steel	raw	175	275	145

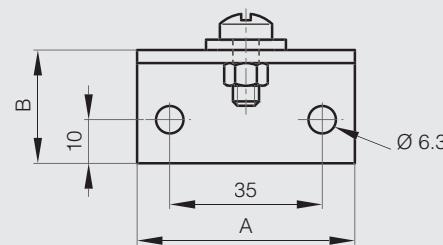
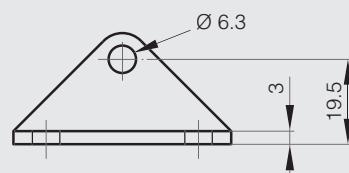


Bracket

Complete with M6 screw, M6 nut and 3 mm thick washer.
For part numbers 24-1-3558, 24-1-3559 and 24-1-3560.



Part number	Material	Finish	A	B	Weight (g)
99-1-3558	stainless steel	raw	50	26	54





Support stays

Support stays with manual release

Multi-angle lid stay with lock

Locks lid in multiple positions by manually sliding lock lever.

Slide back lever to lock / unlock.

Ideal for vibration or shock applications.

Can be installed individually or in pairs.

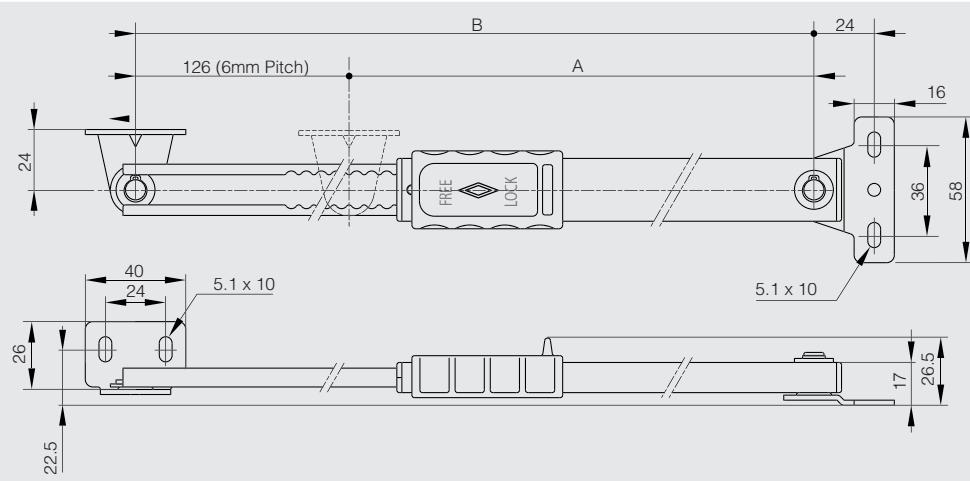
Non-handed: can be installed on left or right side.

Compression load: max. 290 N.

STAINLESS
STEEL



Part number	Material	Finish	A	B	Weight (g)
24-7-3580	304 stainless steel	satin	224	350	325





Support stays

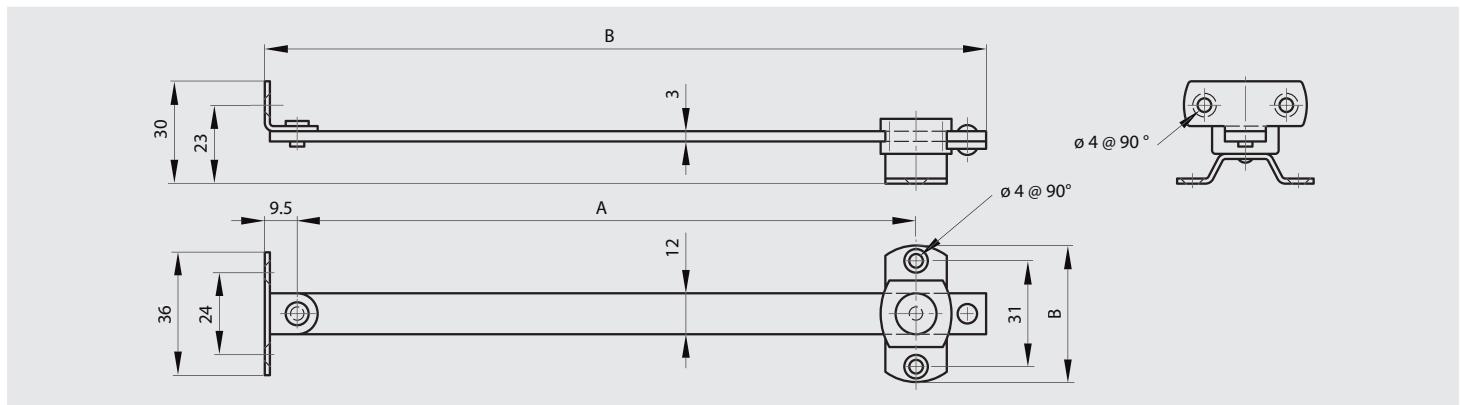
Support stay

Support stay

For holding lids or panels in open position (vertical to horizontal).



Part number	Material	Finish	A	B	Weight (g)
24-7-3546	304 stainless steel	satin	210	180	89.5
24-7-3547	304 stainless steel	satin	240	210	94.5
24-7-3548	304 stainless steel	satin	270	240	106.5





Heavy duty spring loaded stay

- Spring mechanism assists in lifting door and holds in open position (10° to 80°).

- Can be installed individually or in pairs.
- Non-handed: can be installed on left or right side.

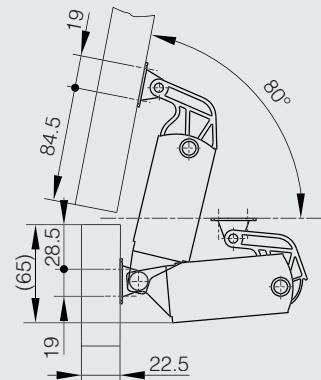
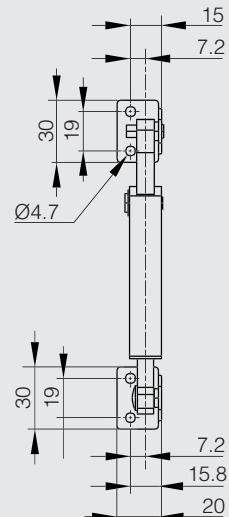
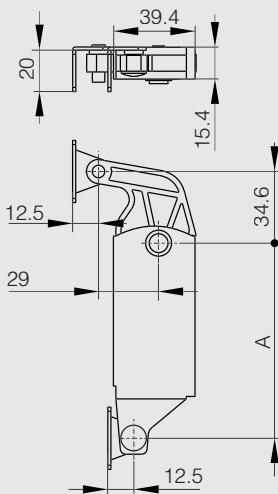
- Torque calculation:

Torque (N.m) = H(m) x 1/2 x W (kg) x 9.8 with:

- H = door height (m).
- W = door weight (kg).



Part number	Material	Finish	A	Torque	Weight (g)
24-7-3579	430 stainless steel	raw	94.2	8.8 - 11.8 N.m	195



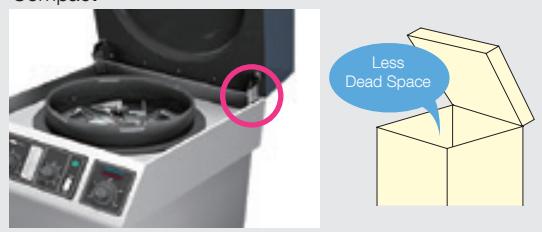
Easy Operation with power assist



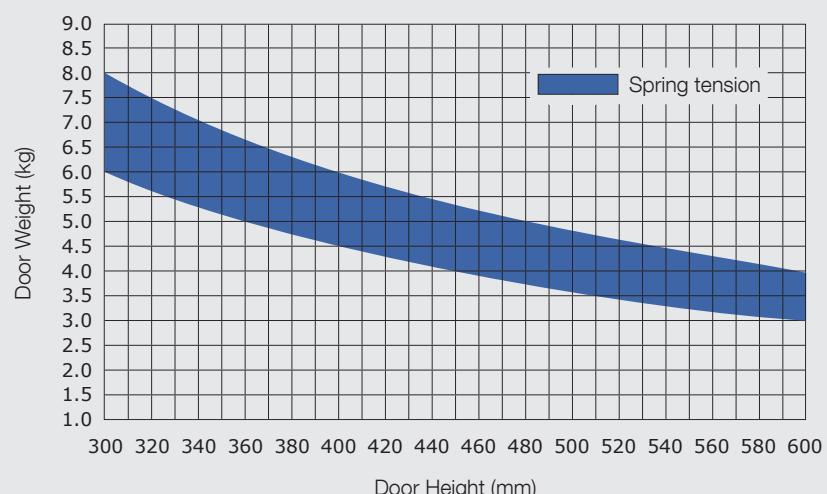
Free stop



Compact



Selection graph



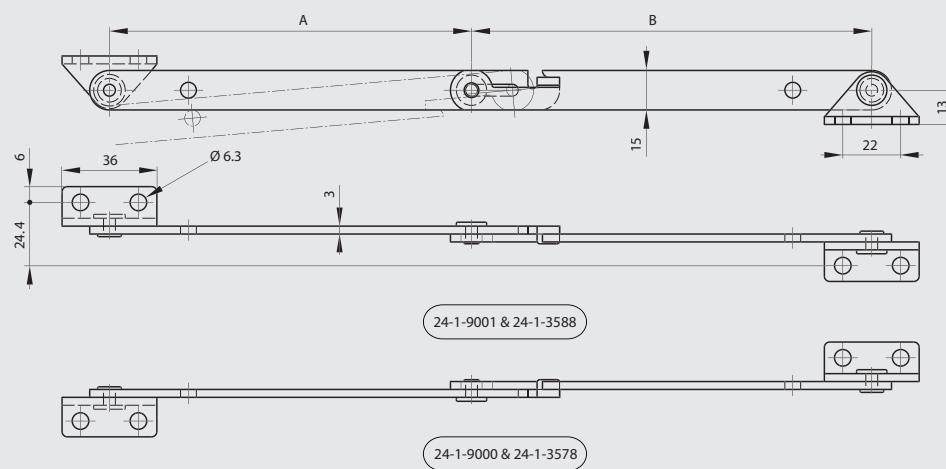


Stay with safety stop



STAINLESS STEEL STEEL ✓ RoHS

Part number	Material	Finish	A	B	Weight (g)
NEW 24-1-3578	steel	zinc plated	139	151	148
NEW 24-1-3588	steel	zinc plated	139	151	148
24-1-9000	304 stainless steel	raw	139	151	148
24-1-9001	304 stainless steel	raw	139	151	148

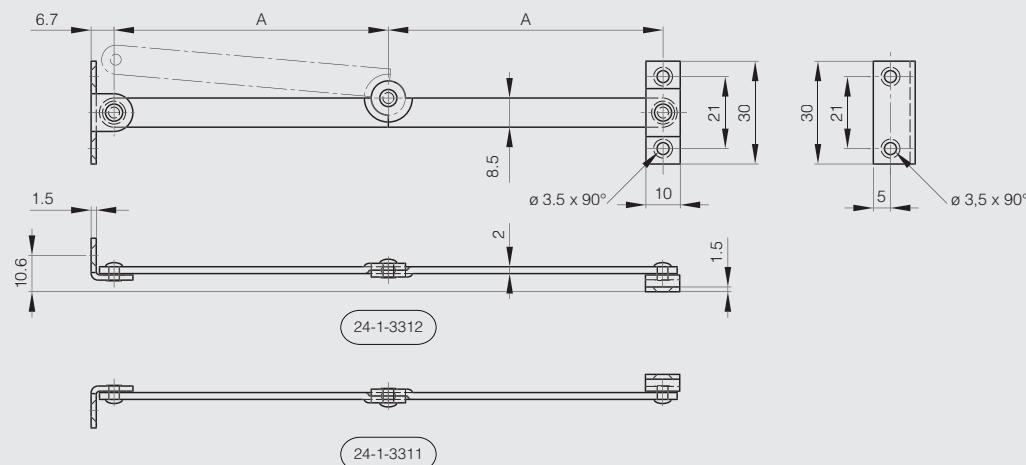




Black zinc plated stays A

STEEL RoHS

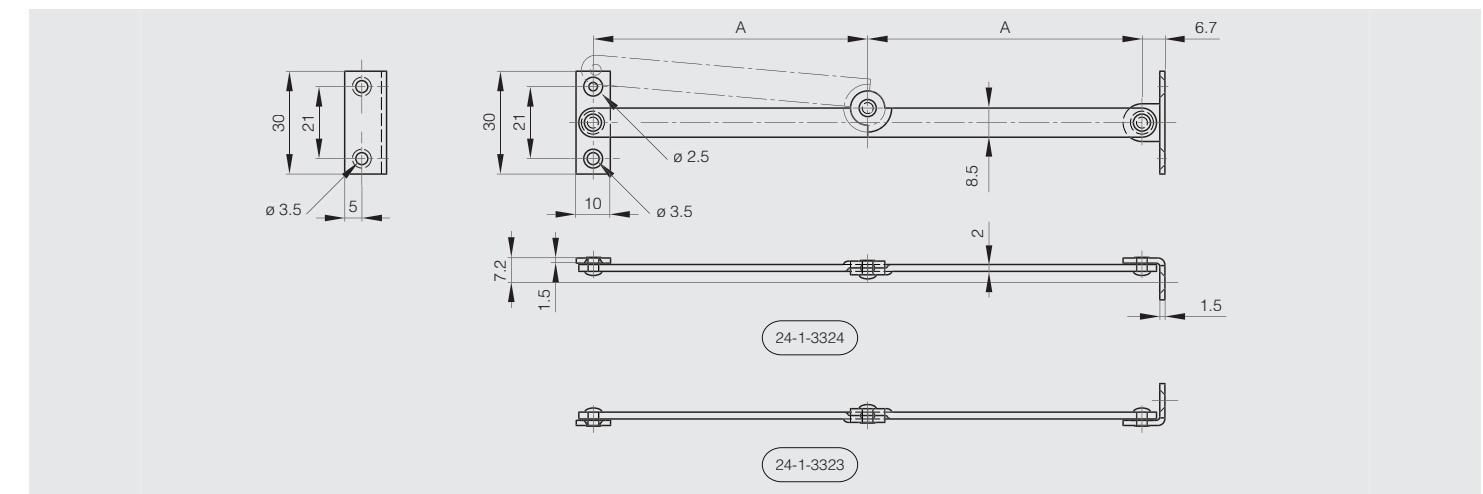
Part number	Material	Finish	A	Weight (g)
24-1-3311	steel	black zinc plated	80	33.5
24-1-3312	steel	black zinc plated	80	33.5



Black zinc plated stays B

STEEL RoHS

Part number	Material	Finish	A	Weight (g)
24-1-3323	steel	black zinc plated	80	33
24-1-3324	steel	black zinc plated	80	33





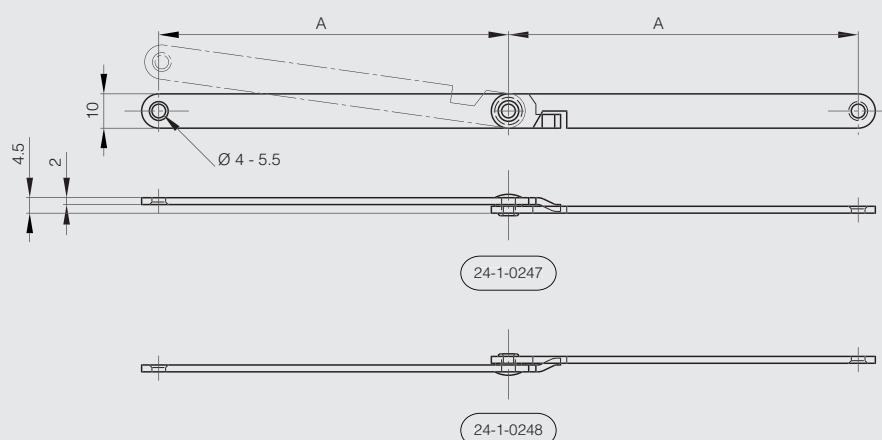
Lid stays

Lid stays

Stays without bracket

STAINLESS STEEL RoHS

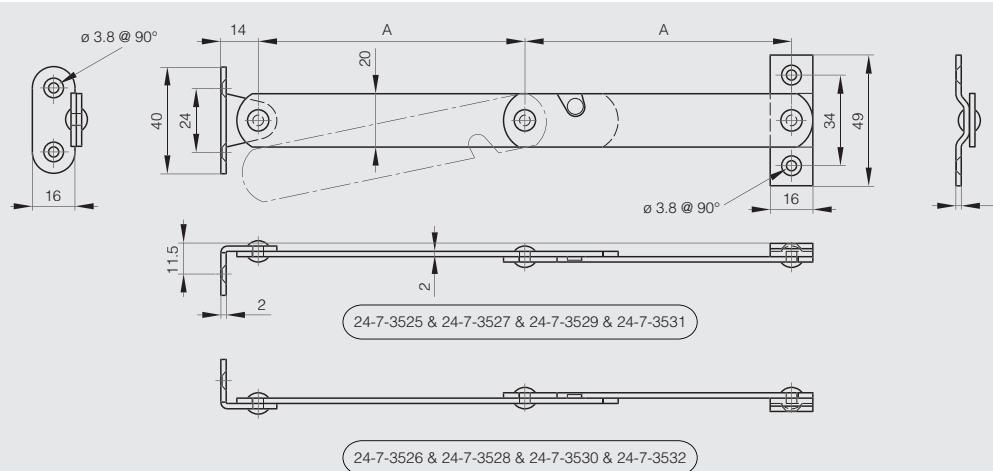
Part number	Material	Finish	A	Weight (g)
24-1-0247	304 stainless steel	polished	102	35
24-1-0248	304 stainless steel	polished	102	35



Zinc plated stays

STEEL RoHS

Part number	Material	Finish	A	Weight (g)
24-7-3525	steel	zinc plated	125	116
24-7-3526	steel	zinc plated	125	116
24-7-3527	steel	zinc plated	150	133
24-7-3528	steel	zinc plated	150	133
24-7-3529	steel	zinc plated	175	152
24-7-3530	steel	zinc plated	175	152
24-7-3531	steel	zinc plated	200	167
24-7-3532	steel	zinc plated	200	167





Folding bracket

Automatically locks when flap is in opened position.

Press lever to release the lock.

Bracket with hinge function in one unit.

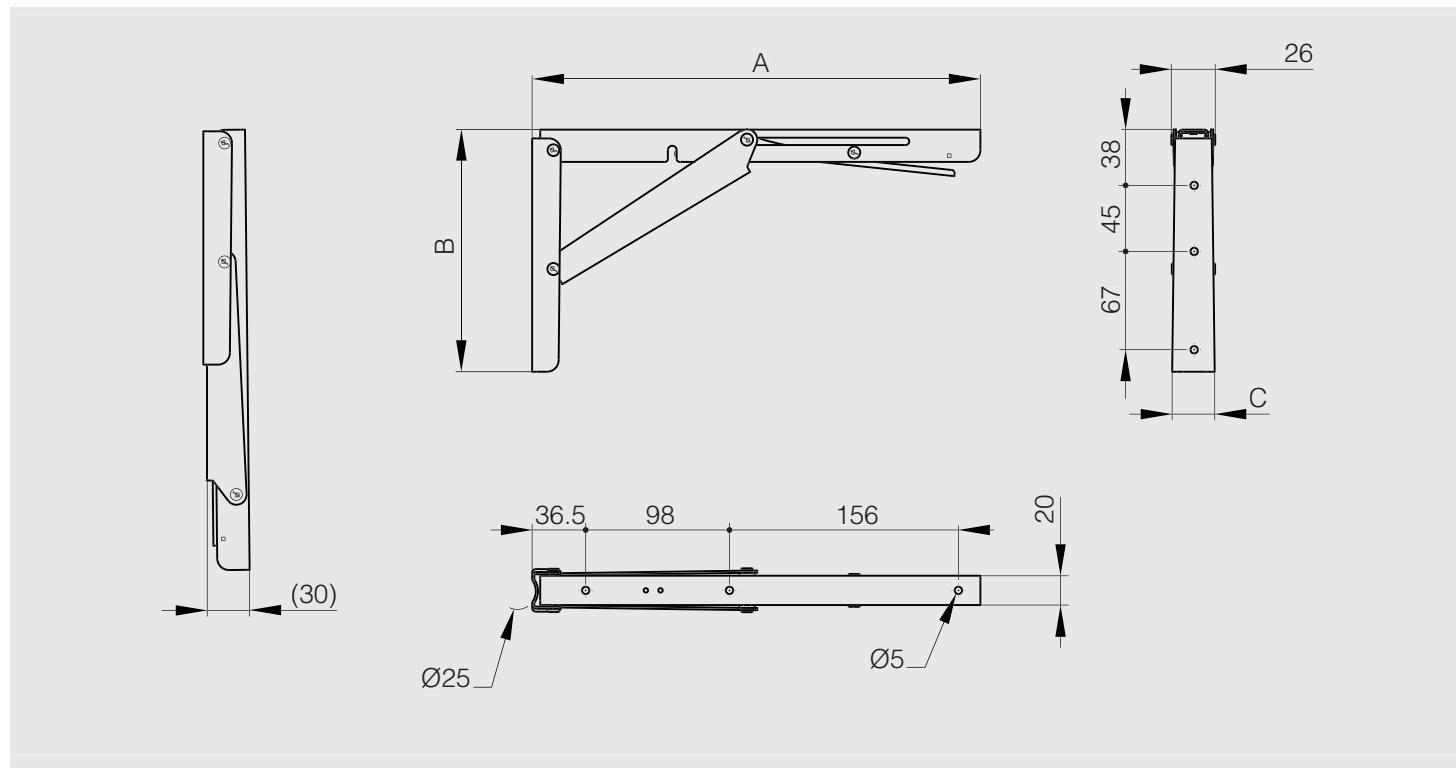
Load capacity: 150 kg.



STAINLESS
STEEL



Part number	Material	Finish	A	B	C	Weight (g)
NEW 24-7-3587	304 stainless steel	polished	305.5	165	29	515





Door holder

Door holder

Door holders

Automatically locks door when fully opened. Slide the locking lever to release the lock.

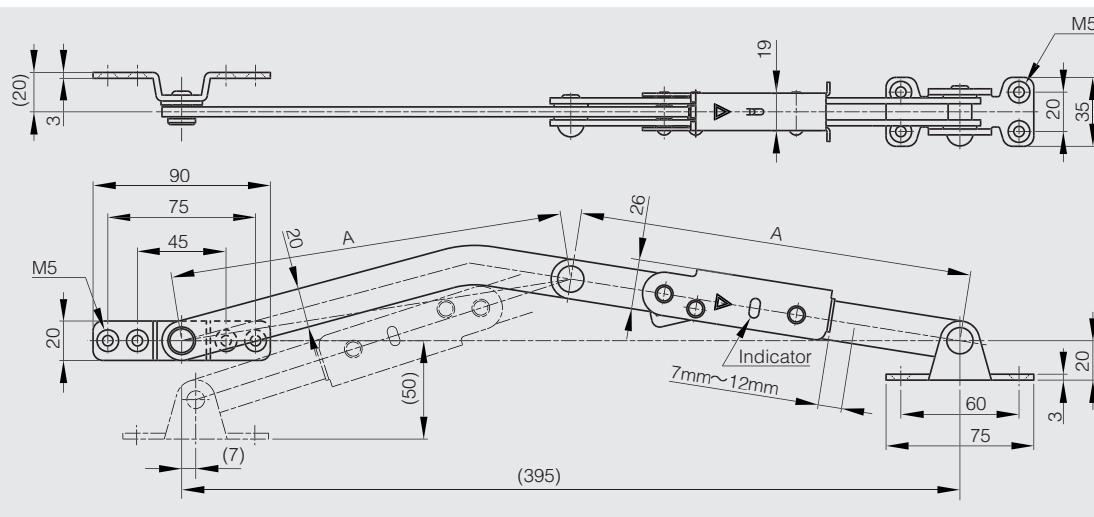
Tensile force: Max 1500 N.

Compression load: Max 600 N.

Handed: specific left and right hand mounting.

STAINLESS
STEEL

Part number	Material	Finish	A	Weight (g)
22-7-3547	304 stainless steel	polished	200	630
22-7-3548	304 stainless steel	polished	200	630



22-7-3547

22-7-3548



Recessed hooks

Recessed hooks

Soft closing recessed hook

Hook is spring loaded to retract with a soft closing mechanism.

Can be mounted on wood or sheet metal.

Installation on sheet metal: use bracket 22-7-3551.

Installation on wooden panel: please take off the cushion rubber.

Panel Thickness:

Wood: Min. 20 mm.

Sheet Metal: 0.8 to 4.0 mm.

Load capacity: 300 N max.

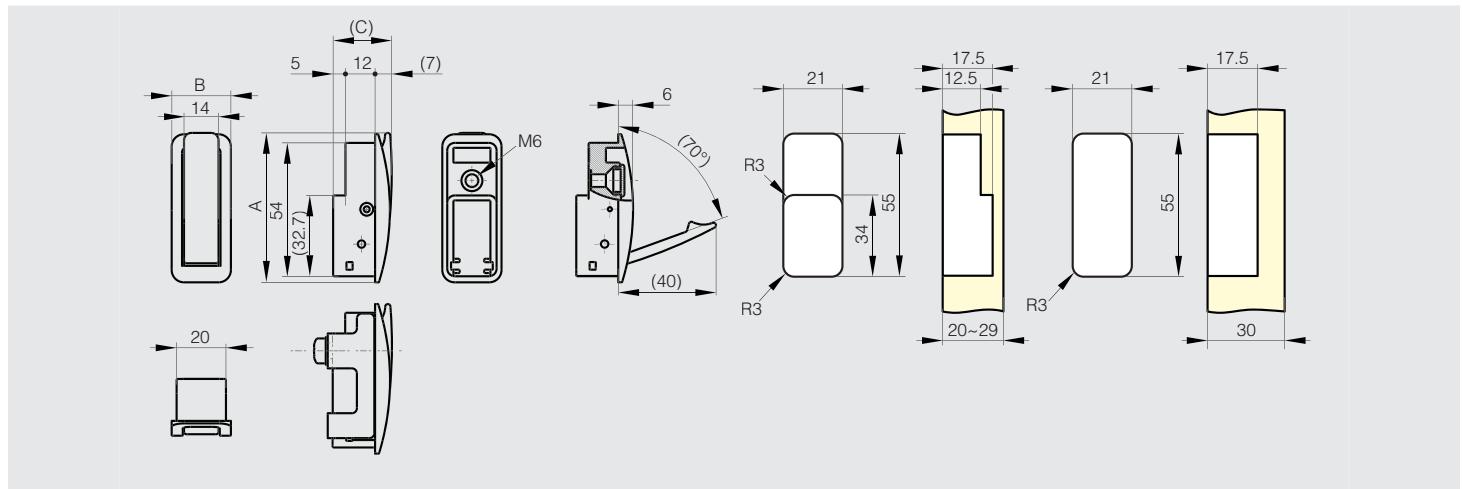
Material: aluminium, POM, pin in stainless steel.



ALU



Part number	Material	Finish	A	B	C	Weight (g)
NEW 22-7-3549	aluminium	dark grey	60	24	24	49
NEW 22-7-3550	aluminium	silver	60	24	24	49



Bracket for soft closing recessed hook

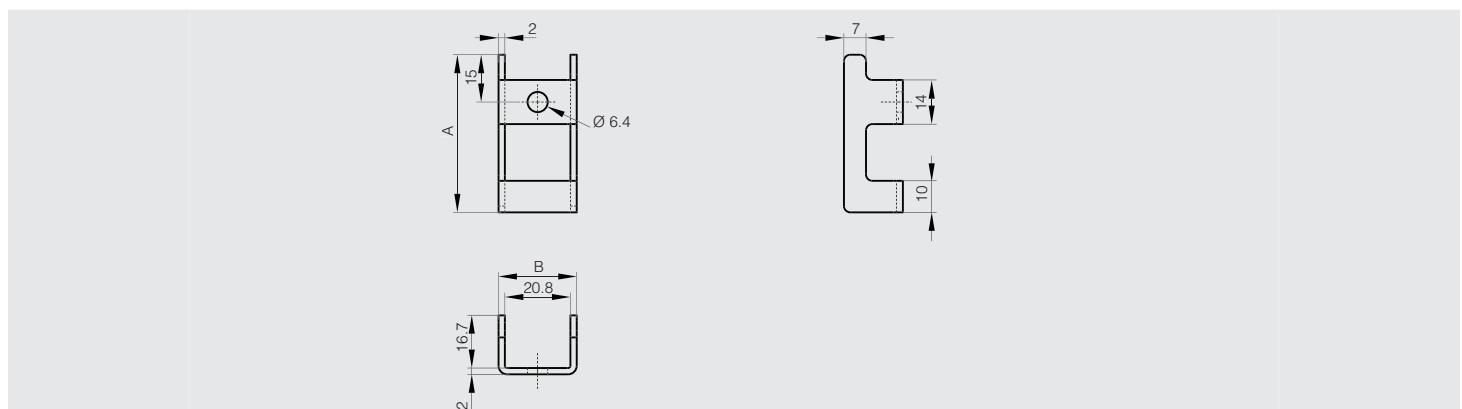


STEEL

For sheet metal application. Panel thickness from 0.8 to 4.0 mm.

Supplied with one M6x20 stainless steel screw.

Part number	Material	Finish	A	B	Weight (g)
NEW 22-7-3551	steel	zinc chromate plated	50	24.8	25





Recessed hooks

Recessed hooks

Spring loaded recessed hook

Hook is spring loaded to retract.

Can be mounted on wood or sheet metal.

Installation on sheet metal: use bracket 22-7-3553.

Installation on wooden panel: please take off the cushion rubber.

Panel Thickness:

Wood: Min. 20 mm.

Sheet Metal: 0.8 to 1.6 mm.

Load capacity: 200 N max.

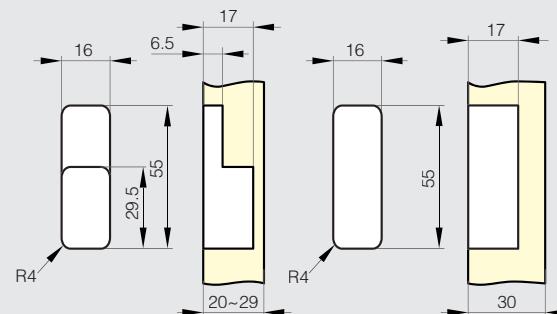
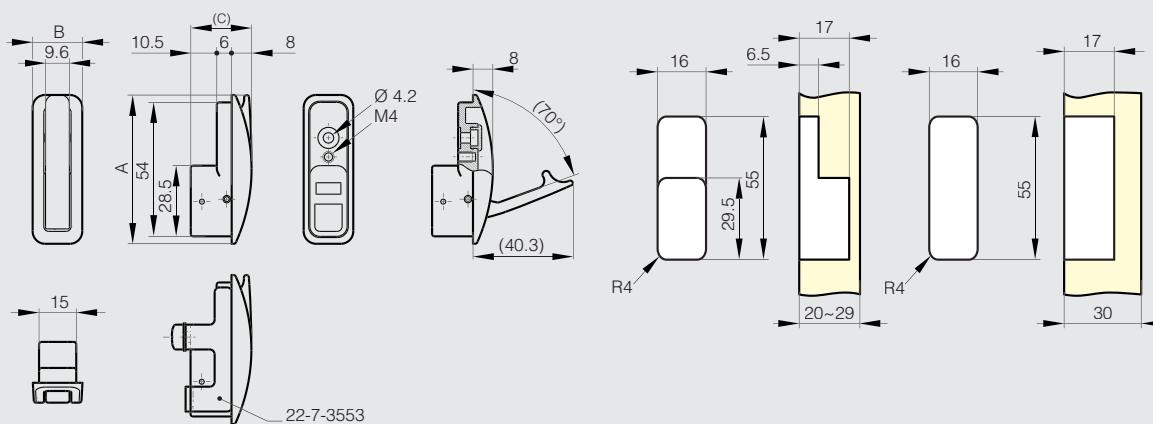
Material: aluminium, pin in stainless steel.



ALU
RoHS



Part number	Material	Finish	A	B	C	Weight (g)
NEW 22-7-3552	aluminium	dark grey	60	20	24.5	31



Bracket for spring loaded recessed hook

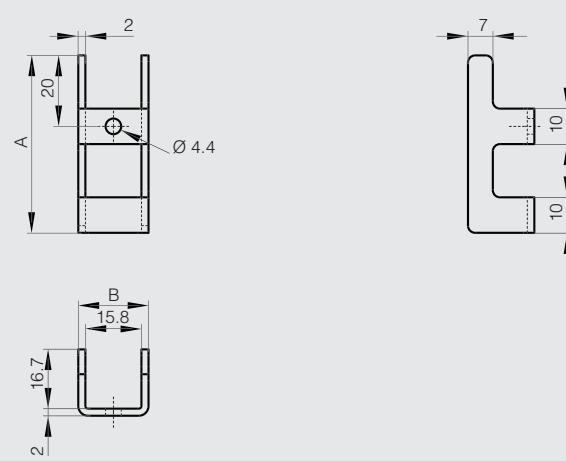


STEEL
RoHS

For sheet metal application. Panel thickness from 0.8 to 1.6 mm.

Supplied with one M4x14 stainless steel screw.

Part number	Material	Finish	A	B	Weight (g)
NEW 22-7-3553	steel	zinc chromate plated	50	19.8	22





Telescopic slides

Aluminium slides

Aluminium mini slides

Full extension. Positive stop.

Thin profile for various applications.

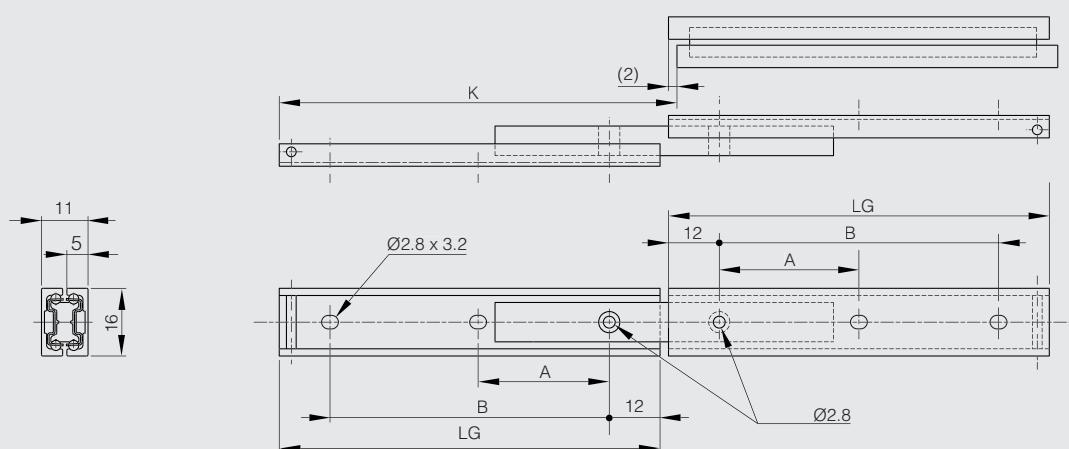
LG = slide length.

K = travel length.

CN = load rating (kg/pair).



Part number	Material	Finish	K	LG	A	B	CN	Weight (g)
21-7-3581	aluminium	anodised	77	80	-	56	20	31.5
21-7-3582	aluminium	anodised	117	100	38	76	29	36
21-7-3583	aluminium	anodised	151	150	63	126	39	54.5





Telescopic slides

Stainless steel slides

3/4 extension ball-bearing slide (2 pieces), front disconnect

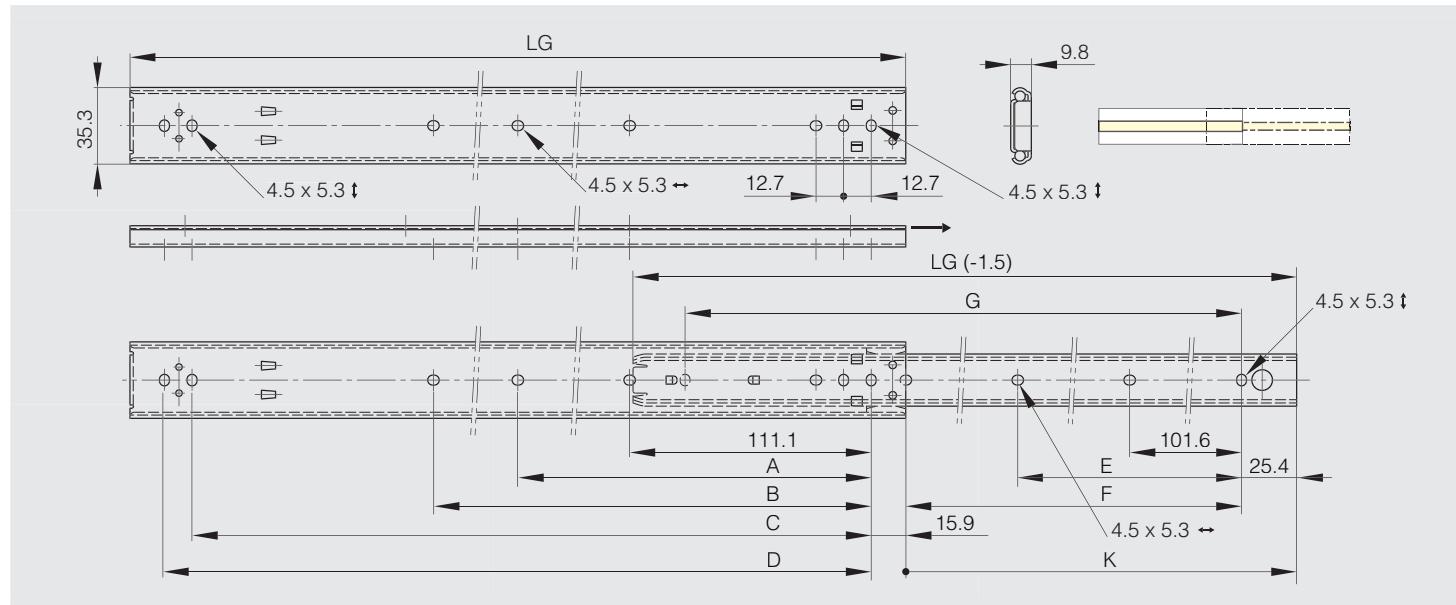
LG = slide length.

K = travel length.

CN = load rating (kg/pair).



Part number	Material	Finish	K	LG	A	B	C	D	E	F	G	CN	Weight (g)
21-7-3576	304 stainless steel	raw	228.6	304.8	-	149.2	260.3	273	-	152.4	254	49	300
21-7-3577	304 stainless steel	raw	279.4	355.6	-	200	311.1	323.8	-	203.2	304.8	47	360
21-7-3562	304 stainless steel	raw	304.8	406.4	-	250.8	361.9	374.6	-	254	359.6	43	420
21-7-3563	304 stainless steel	raw	330.2	457.2	212.7	301.6	412.7	425.4	203.2	304.8	406.4	41	460
21-7-3564	304 stainless steel	raw	382	508	238.1	352.4	463.5	476.2	228.6	355.6	457.2	37	490
21-7-3565	304 stainless steel	raw	406.4	558.8	263.5	403.2	514.3	527	254	406.4	508	34	560
21-7-3566	304 stainless steel	raw	432.8	609.6	288.9	454	565.1	577.8	279.4	457.2	558.8	30	590
21-7-3567	304 stainless steel	raw	482.6	660.4	314.3	504.8	615.9	628.6	304.8	508	609.6	27	660
21-7-3568	304 stainless steel	raw	508	711.2	339.7	555.6	666.7	679.4	330.2	558.8	660.4	25	690





Telescopic slides

Aluminium slides

Full extension ball-bearing slide (3 pieces), front disconnect and positive lock

LG = slide length.

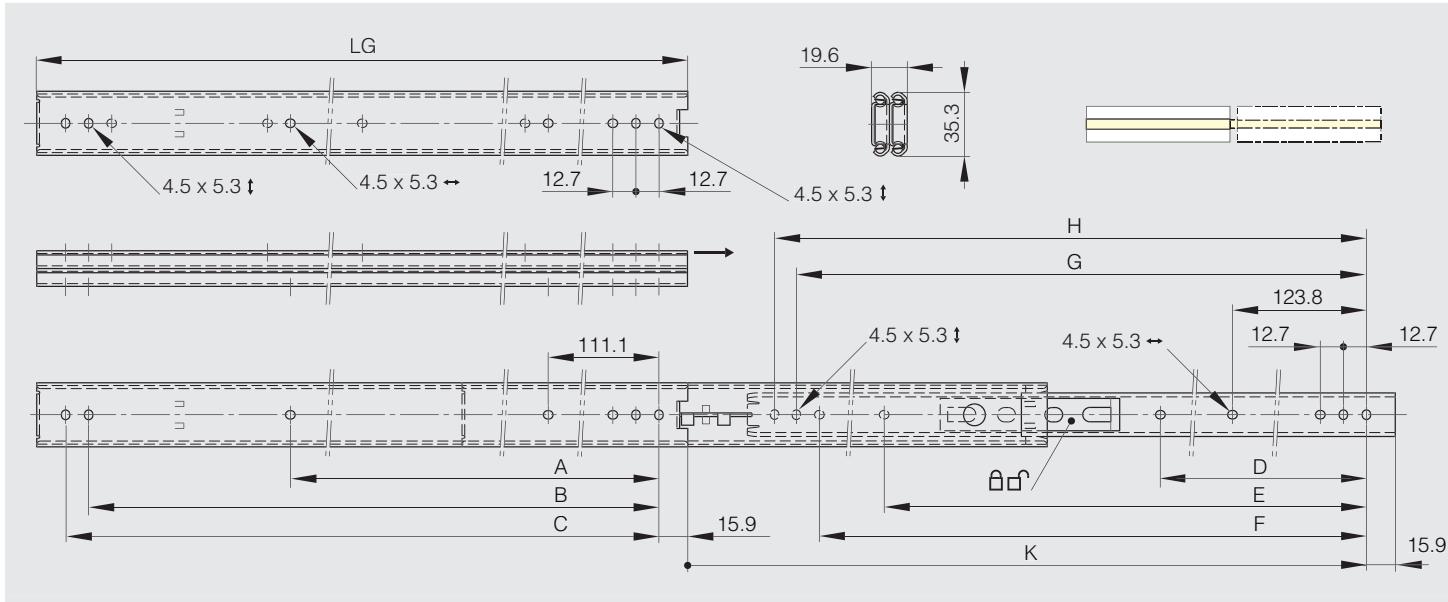
K = travel length.

CN = load rating (kg/pair).

STAINLESS
STEEL



Part number	Material	Finish	K	LG	A	B	C	D	E	F	G	H	CN	Weight (g)
21-7-3569	304 stainless steel	raw	421.7	406.4	250.8	361.9	374.6	-	-	349.2	361.9	374.6	57	840
21-7-3570	304 stainless steel	raw	472.5	457.2	301.6	412.7	425.4	212.7	-	400	412.7	425.4	53	950
21-7-3571	304 stainless steel	raw	523.3	508	352.4	463.5	476.2	238.1	-	450.8	463.5	476.2	49	1030
21-7-3572	304 stainless steel	raw	574.1	558.8	403.2	514.3	527	263.5	415.9	501.6	514.3	527	45	1150
21-7-3573	304 stainless steel	raw	624.9	609.6	454	565.1	577.8	288.9	466.7	552.4	565.1	577.8	42	1280
21-7-3574	304 stainless steel	raw	675.7	660.4	504.8	615.9	628.6	314.3	517.5	603.2	615.9	628.6	39	1400
21-7-3575	304 stainless steel	raw	726.5	711.2	555.6	666.7	679.4	339.7	568.3	654	666.7	679.4	36	1500





Telescopic slides

Stainless steel slides

Full extension ball-bearing slide (3 pieces), front disconnect and positive stop

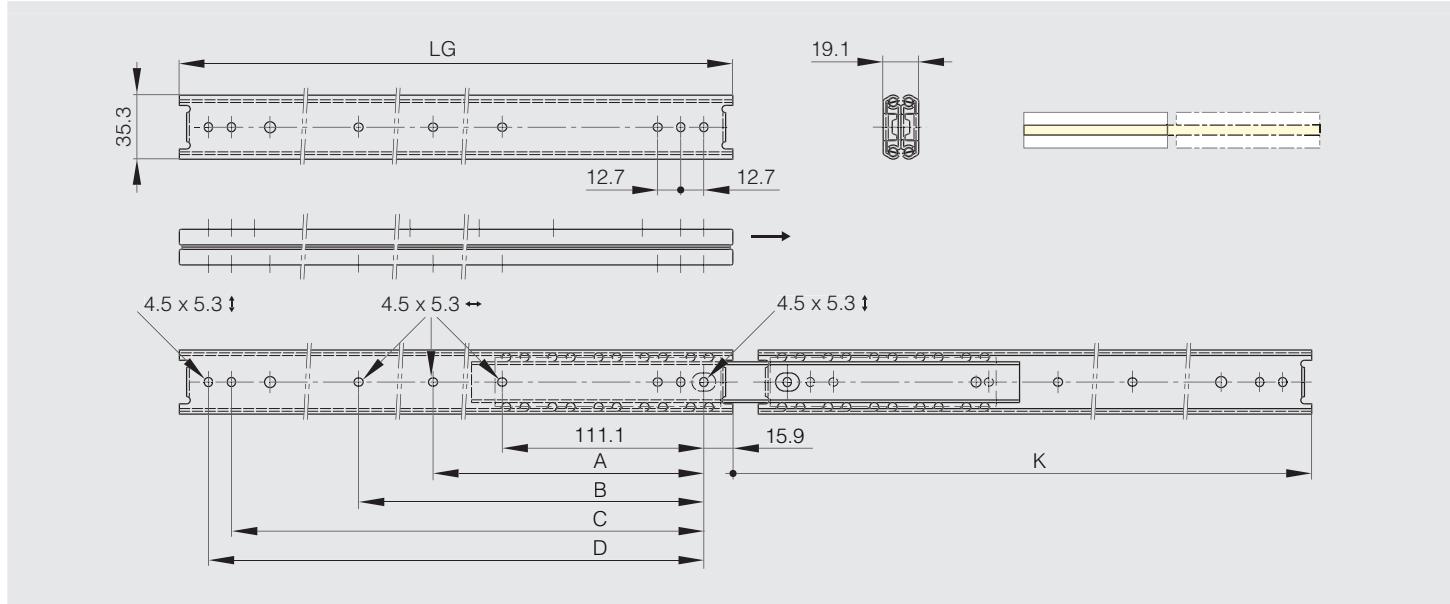
LG = slide length.

K = travel length.

CN = load rating (kg/pair).



Part number	Material	Finish	K	LG	A	B	C	D	CN	Weight (g)
21-7-3578	304 stainless steel	raw	327.2	304.8	-	149.2	260.3	273	60	620
21-7-3579	304 stainless steel	raw	378	355.6	-	200	311.1	323.8	59	720
21-7-3555	304 stainless steel	raw	428.4	406.4	-	250.8	361.9	374.6	57	820
21-7-3556	304 stainless steel	raw	479.2	457.2	212.7	301.6	412.7	425.4	56	920
21-7-3557	304 stainless steel	raw	530	508	238.1	352.4	463.5	476.2	54	1025
21-7-3558	304 stainless steel	raw	580.8	558.8	263.5	403.2	514.3	527	51	1125
21-7-3559	304 stainless steel	raw	631.6	609.6	288.9	454	565.1	577.8	49	1225
21-7-3560	304 stainless steel	raw	682.4	660.4	314.3	504.8	615.9	628.6	47	1325
21-7-3561	304 stainless steel	raw	733.2	711.2	339.7	555.6	666.7	679.4	45	1425





Telescopic slides

Aluminium slides

Heavy duty, full extension ball-bearing slide (3 pieces), front disconnect and positive stop

LG = slide length.

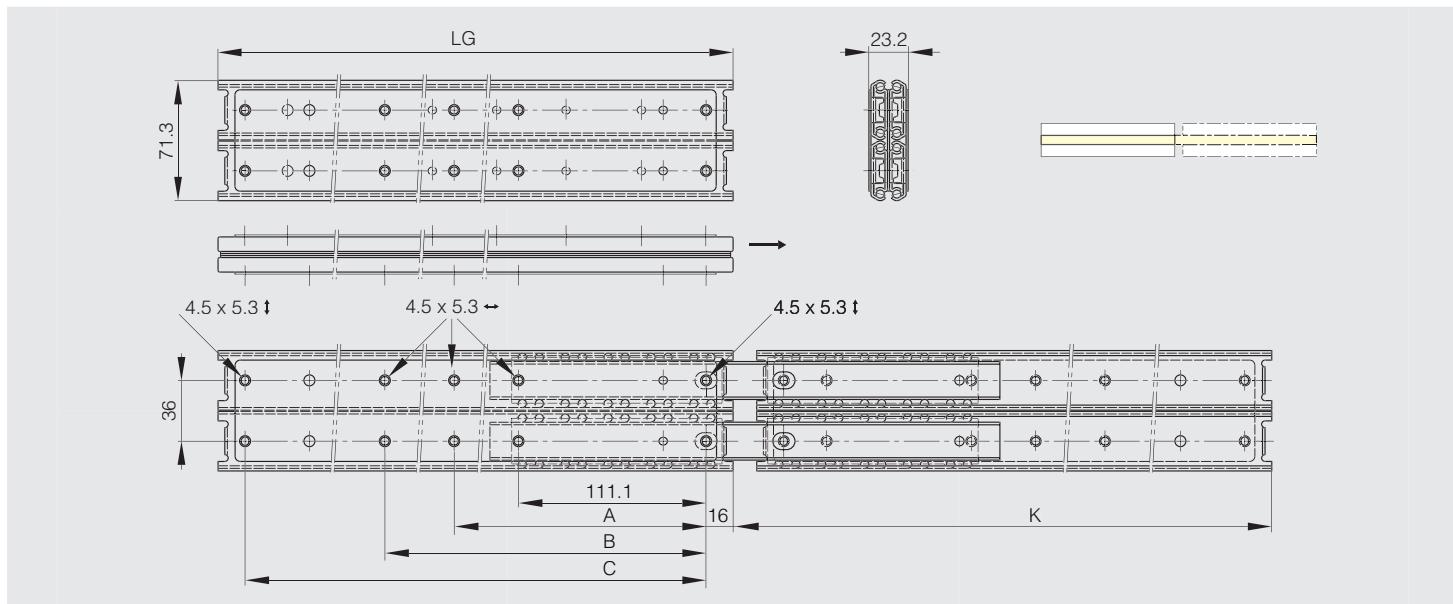
K = travel length.

CN = load rating (kg/pair).

STAINLESS STEEL
RoHS



Part number	Material	Finish	K	LG	A	B	C	CN	Weight (g)
21-7-3548	304 stainless steel	raw	420.6	406.6	-	250.8	374.6	259	2340
21-7-3549	304 stainless steel	raw	471.4	457.4	212.7	301.6	425.4	250	2500
21-7-3550	304 stainless steel	raw	522.2	508.2	238.1	352.4	476.2	241	2840
21-7-3551	304 stainless steel	raw	573	559	263.5	403.2	527	229	3250
21-7-3552	304 stainless steel	raw	623.8	609.8	288.9	454	577.8	216	3500
21-7-3553	304 stainless steel	raw	674.6	660.6	314.3	504.8	628.6	200	3840
21-7-3554	304 stainless steel	raw	725.4	711.4	339.7	555.6	679.4	182	4170





Telescopic slides

Stainless steel slides

Full extension ball-bearing slide (3 pieces), soft-closing

LG = slide length.

K = travel length.

CN = load rating (kg/pair).

Soft-close slide.

The drawer can be detached by pushing the lever while pulling the drawer out.

Soft-closes at 20 mm distance from closed position (LG = 300-350 mm) or 36 mm distance from closed position (LG = 400-700 mm).

The maximum width of the drawer is the slide length (LG) + 200 mm.

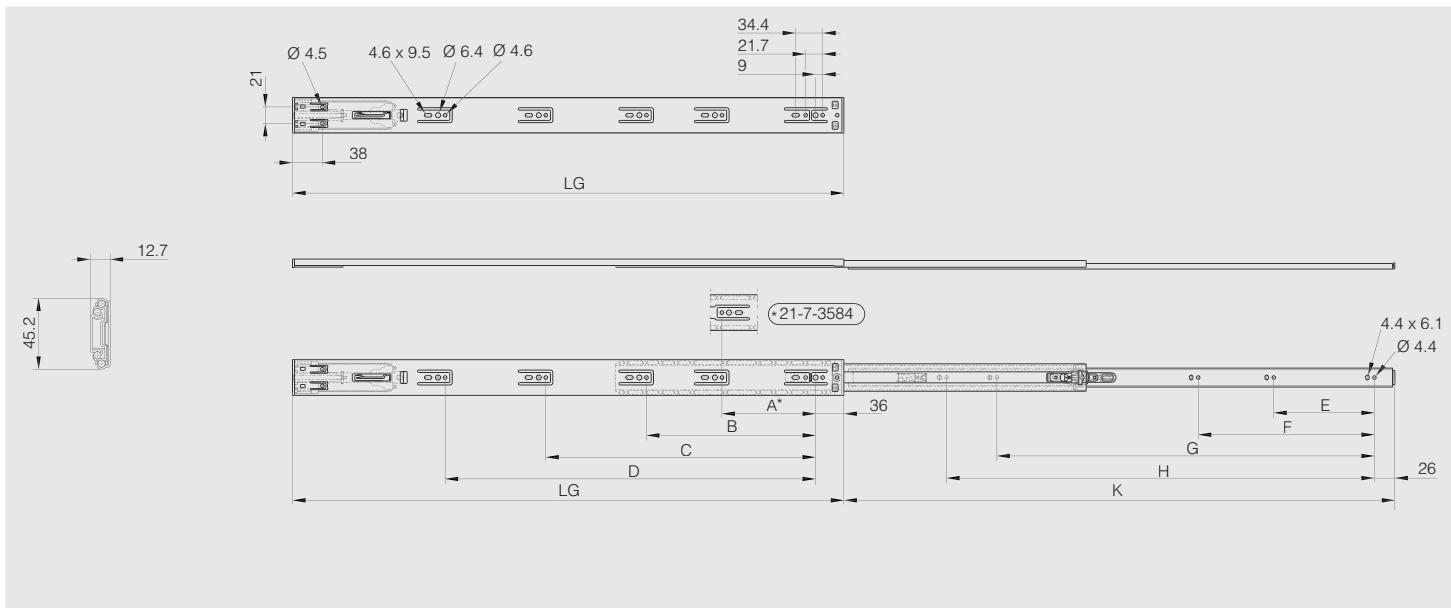
Sold in pairs.



STAINLESS
STEEL
RoHS

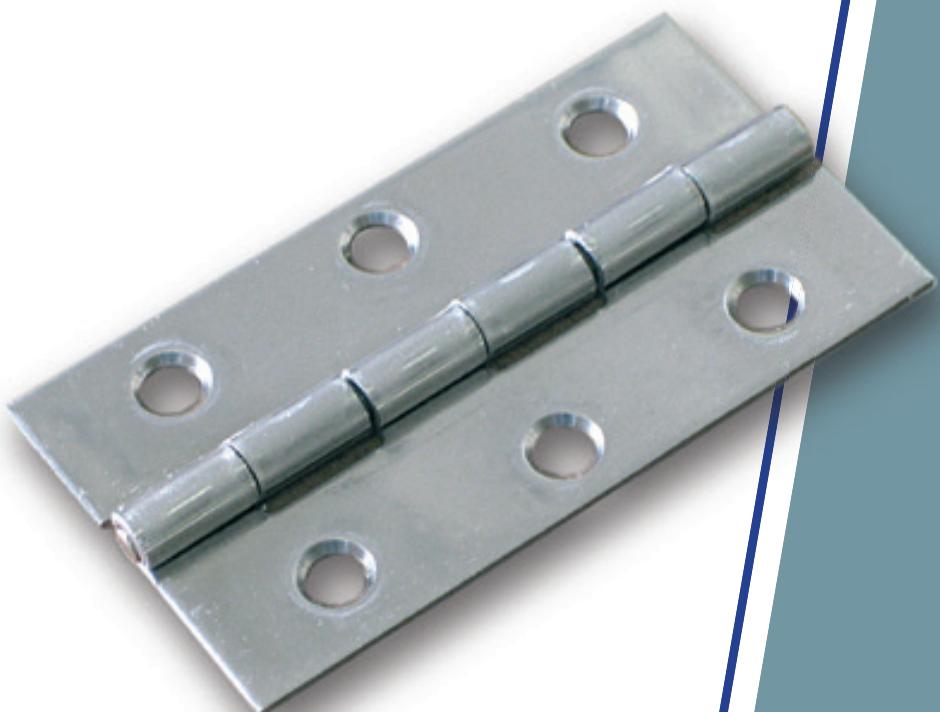


Part number	Material	Finish	K	F	LG	A	B	C	D	E	G	H	CN	Weight (g)
NEW 21-7-3584	304 stainless steel	raw	265	-	300	145	-	-	-	-	-	174	16	390
NEW 21-7-3585	304 stainless steel	raw	340	-	350	151	-	-	-	-	-	224	16	465
NEW 21-7-3586	304 stainless steel	raw	400	-	400	167	-	-	-	96	-	256	20	535
NEW 21-7-3587	304 stainless steel	raw	450	-	450	119	215	-	-	128	-	306	30	605
NEW 21-7-3588	304 stainless steel	raw	500	160	500	119	279	-	-	96	-	344	35	680
NEW 21-7-3589	304 stainless steel	raw	550	160	550	119	215	311	-	96	-	394	35	730
NEW 21-7-3590	304 stainless steel	raw	600	192	600	119	247	375	-	128	-	444	35	830
NEW 21-7-3591	304 stainless steel	raw	650	224	650	119	215	311	407	128	416	494	35	905
NEW 21-7-3592	304 stainless steel	raw	700	224	700	119	215	343	471	128	480	544	35	980



Notes

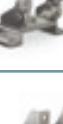
STAINLESS STEEL RANGE



HINGES

	Rolled knuckle continuous hinge - 20 mm width	344
NEW	Rolled knuckle continuous hinge - 25 mm width	344
NEW	Rolled knuckle continuous hinge - 30 mm width	344
	Rolled knuckle continuous hinge - 32 mm width	345
NEW	Rolled knuckle continuous hinge - 40 mm width	345
NEW	Rolled knuckle continuous hinge - 50 mm width	346
	Rolled knuckle continuous hinge - 57 mm width	346
NEW	Rolled knuckle continuous hinge - 60 mm width	346
	Rolled knuckle continuous hinge - 63 mm width	347
	Rolled knuckle continuous hinge - 70 mm width	347
	Rolled knuckle continuous hinge - 76 mm width	347
NEW	Rolled knuckle continuous hinge - 80 mm width	348
	Rolled knuckle continuous hinge - 100 mm width	348
	Rolled knuckle continuous hinge - 120 mm width	348
	Drilled continuous hinge with one cranked leaf	349

	Undrilled continuous hinge with one cranked leaf	349
	Continuous hinge with two cranked leaves	350
	Rolled knuckle continuous hinge "Imperial" dimension	350
	Concealed hinges A - 120° opening	351
	Concealed hinges B - 120° opening	351
	Concealed hinges with retractable pin	352
	Concealed pin hinges - 100° opening	352
	Concealed pin hinges - 120° opening	353
	Concealed hinge with friction - 90° opening	353
NEW	Concealed hinges with spring - 95° opening	354
NEW	Concealed hinges without spring - 95° opening	354
	Concealed hinge - 180° opening	355
	Concealed heavy duty hinge for flush doors - 90° opening	355
	Concealed heavy duty hinge for flush doors - 90° opening	356
	Concealed heavy duty hinge for flush doors - 90° opening	356
	Concealed springloaded pin hinges A	357

	Concealed springloaded pin hinges B	357		Spring hinge 60 mm long - with 4 holes	366
NEW 	Concealed hinges - 90° opening	358		Spring hinges 75 mm long - drilled	367
NEW 	Concealed hinges - 125° opening	359		Spring hinges 75 mm long - undrilled	367
	Spring loaded concealed hinges - 90° opening	360		Spring hinges 80 mm long	368
	Spring loaded concealed hinges - 150° opening	360		Spring hinges 160 mm long	368
NEW 	Concealed hinges with two cranked leaves - undrilled - 120° opening - version A	361		Spring hinges 170 mm long	369
NEW 	Concealed hinges with two cranked leaves - drilled - 120° opening - version A	361		Cranked spring hinge 66 mm long	369
NEW 	Concealed hinges with two cranked leaves - undrilled - 120° opening - version B	362		Cranked spring hinge 60 mm long	370
NEW 	Concealed hinges with two cranked leaves - drilled - 120° opening - version B	362	NEW 	Lift-off rising hinge in stainless steel	370
	Opening spring hinges 120 mm long	363	NEW 	Friction hinge in stainless steel - friction torque 3 N.m	371
	Closing spring hinges 120 mm long	363	NEW 	Friction hinge in stainless steel - friction torque 5 N.m	371
	Opening spring hinges 180 mm long	364		Stainless steel friction hinge - friction torque 1.9 N.m	372
	Closing spring hinges 180 mm long	364		Stainless steel friction hinge - friction torque 5.8 N.m	372
	Opening spring hinges 240 mm long	365		Dual axis torque hinge - 30 x 60 mm	373
	Closing spring hinges 240 mm long	365		Dual axis torque hinge - 50 x 76 mm	374
	Spring hinges 50 mm long	366	NEW 	Swivel torque hinge - torque 2 N.m	375

NEW		Swivel torque hinge with hole diameter 21.5 mm - torque 5 N.m	375		Headed pin BT for Modulo system	383
NEW		Swivel torque hinge with hole diameter 34 mm - torque 7 N.m	376		Plug (VA) for Modulo system	383
		Hinge with stop at 115°	376		Heavy duty hinges - 65 x 230 mm	384
		Hinge with stop at 60°	377		Flat top weld-on stainless steel hinges - stainless steel pin - brass washer	384
		Soft-close dampening hinge in stainless steel	378		Square hinges with two offset leaves and removable pin - with 4 holes	385
NEW		Forged hinges - 3 knuckles	379		Square hinges with two offset leaves and removable pin - with 6 holes	385
		Forged hinges with reversed leaves - 3 knuckles	379		Square hinges with two offset leaves and riveted pin - with 4 holes	386
NEW		Forged hinges - 5 knuckles	380		Square hinges with two offset leaves and riveted pin - with 6 holes	386
		Heavy duty pin hinges	380		Square hinges with no offset leaf and riveted pin - no holes	387
		Half leaves for Modulo hinges - thickness 3 mm	381		Square hinges with no offset leaf and riveted pin - with 4 holes	387
		Half leaves for Modulo hinges - thickness 4 mm	381		Square hinges with no offset leaf and riveted pin - with 6 holes	388
		Half leaves for Modulo hinges - thickness 5 mm	381		Hinge 30 x 30 mm	388
		Half leaves for Modulo pin hinges - thickness 3 mm	382		Hinge with nylon washers	389
		Half leaves for Modulo pin hinges - thickness 4 mm	382		Hinge 50 x 30 mm	389
		Half leaves for Modulo pin hinges - thickness 5 mm	382		Hinges 50 x 40 mm	390
		Expanded pin BG for Modulo system	383		Hinges 60 x 35 mm	390

	Hinge 75 x 40 mm	391
	Lift-off hinges 80 x 60 mm - stainless steel	391
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	Lift-off hinges 100 x 82 mm - stainless steel with 8 holes	392
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	Hinge for marine applications - 36.5 x 56.5 mm	393
	Hinge for marine applications - 36.5 x 76 mm	394
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	Small butt hinges with one cranked leaf 38 mm	397
	Small butt hinge with one cranked leaf 50 mm	398
	Small butt hinge with one cranked leaf and removable pin 50 mm	398

	Small butt hinge with one cranked leaf 60 mm	399
	Small butt hinge with one cranked leaf 66 mm	399
	Pin hinge with one cranked leaf	400
	Stainless steel hinge with removable pin	400
	Removable pin hinges with nylon washers	401
	Hinges 62 x 74 mm	401
	Hinge 20 x 65 mm	402
	Flag hinge without washer with two offset leaves	402
	Flag hinge with washer with two offset leaves	403
	Flag hinge without washer - drilled - flat knuckle	403
	Glass door hinge in brushed stainless steel	404
	Glass door hinge in stainless steel	404

LATCHING SYSTEMS

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	Slam latch in stainless steel - bolt "nose-down"	405
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	Push barrel bolt	408		Strikes for part numbers 16-7-3525 and 16-7-3527	418
	Budget latch - square 6x6 - stainless steel	409		Toggle latches with strike - 52 mm	418
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	Strike for spring budget latch 16-1-4031	410		Toggle latch without strike - 80.2 mm	420
	Barrel bolt in stainless steel	411		Strike for part number 16-7-3526	420
	Stainless steel dual ball catches	412		Toggle latches without strike - 88.5 mm	421
	Compact magnetic catch	413		Strike for part number 16-7-3829	421
	Screw-on magnetic catch without counter plate - force 14 kg	413		Other strike for part number 16-7-3829	422
	Screw-on magnetic catch without counter plate - force 7 and 14 kg - high temperature resistance	414		Toggle latch without strike (consistent tension)	423
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	Strike for part number 16-7-3724	424		Spring loaded toggle latch without strike - with push button	432
	Padlockable toggle latch - 97.6 mm	425		Strike for part numbers 16-7-3911, 16-7-3918 and 16-7-3920	432
	Strike for part number 16-7-3884	425		Spring loaded toggle latch without strike - 52 mm	433
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	Spring loaded and padlockable toggle latch - 74 mm	427		Strikes for part numbers 16-7-3745 and 16-7-3748	434
	Strikes for part number 16-7-3766	427		Adjustable toggle latch with secondary lock and strike	435
	Spring loaded and padlockable toggle latch - 70.9 mm	428		Adjustable toggle latch without strike 70.6 mm	436
	Strike for part number 16-7-3917	428		Strike for part number 16-7-3933	436
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	Adjustable toggle latch with strike - padlockable - 174 mm	430		Adjustable toggle latch with strike 138 mm	438
	Spring loaded toggle latch without strike 35.8 mm	431		Adjustable toggle latch with secondary lock without strike	439
	Strike for part number 16-7-3906	431		Strike for part number 16-1-4231	439
	Spring loaded toggle latches without strike - 70.8 mm	432		Other strikes for part number 16-1-4231	440

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Stainless steel range - Hinges

Continuous hinges

Rolled knuckle continuous hinge - 20 mm width

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	F	G	S	Pin material	Note	Weight (g)
42-1-3664	304 stainless steel	raw	2040	20	0.8	2	15				stainless steel	undrilled	320
42-1-4195	304 stainless steel	raw	2040	20	0.8	2	15	11.5	60	2.8	stainless steel	drilled	310



Rolled knuckle continuous hinge - 25 mm width

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	F	G	S	Pin material	Note	Weight (g)
NEW 42-1-3910	304 stainless steel	raw	1020	25	0.8	2	15				stainless steel	undrilled	224
42-1-3767	304 stainless steel	raw	2040	25	0.8	2	15				stainless steel	undrilled	448
42-1-4196	304 stainless steel	raw	2040	25	0.8	2	15	14	60	3.6	stainless steel	drilled	420
42-1-4096	304 stainless steel	raw	1800	25	1	2	15				stainless steel	undrilled	500
42-1-3949	304 stainless steel	raw	2040	25	1	2	15				stainless steel	undrilled	558
NEW 42-1-4546	316L stainless steel	raw	1980	25	0.8	2	15				stainless steel	undrilled	385

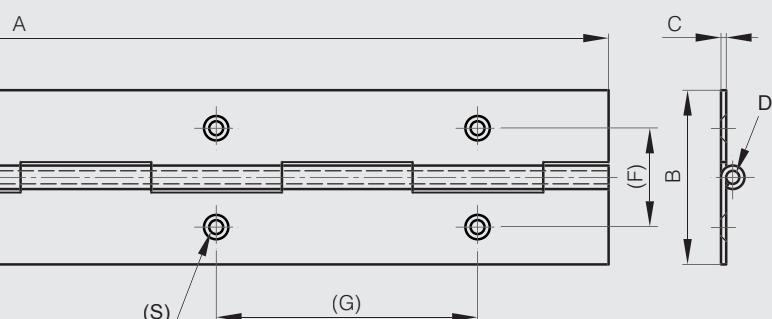


Rolled knuckle continuous hinge - 30 mm width

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	F	G	S	Pin material	Note	Weight (g)
NEW 42-1-3909	304 stainless steel	raw	1020	30	0.8	2	15				stainless steel	undrilled	255
42-1-3580	304 stainless steel	raw	2040	30	0.8	2	15				stainless steel	undrilled	510
42-1-4089	304 stainless steel	raw	1800	30	1	2	15				stainless steel	undrilled	500
42-1-3300	304 stainless steel	raw	2040	30	1	2	15				stainless steel	undrilled	670
42-1-4197	304 stainless steel	raw	2040	30	1	2	15	16.8	60	3.9	stainless steel	drilled	640
42-1-3950	304 stainless steel	raw	1995	30	1.5	4	30				stainless steel	undrilled	1283
42-1-3948	304 stainless steel	raw	2000	30	2	6	25				stainless steel	undrilled	1800
NEW 42-1-4082	316L stainless steel	raw	1020	30	1	2	15				stainless steel	undrilled	335
42-1-4000	316L stainless steel	raw	2040	30	1	2	15				stainless steel	undrilled	670





Stainless steel range - Hinges

Continuous hinges

Rolled knuckle continuous hinge - 32 mm width

Opening angle 270°. Other lengths and pin materials are available on request.

Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
42-1-4346	304 stainless steel	raw	1800	32	1.2	3	30	stainless steel	undrilled	790
42-1-4460	304 stainless steel	raw	1950	32	1.5	3	12.5	stainless steel	undrilled	1030



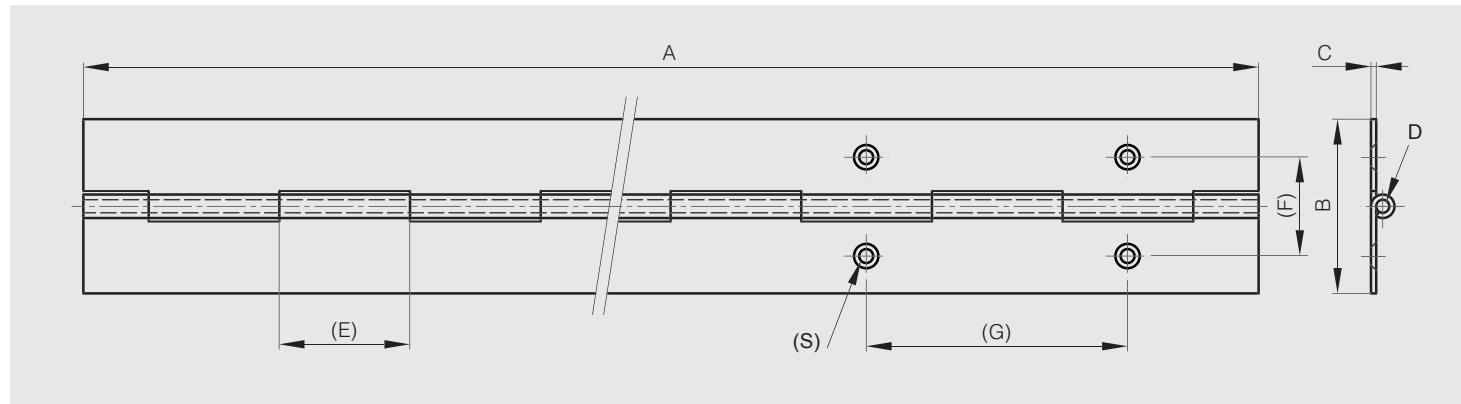
Rolled knuckle continuous hinge - 40 mm width

Opening angle 270°. Other lengths and pin materials are available on request.

Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	F	G	S	Pin material	Note	Weight (g)
42-1-4257	304 stainless steel	raw	1020	40	1.2	3	30				stainless steel	undrilled	500
42-1-4347	304 stainless steel	raw	1800	40	1.2	3	30				stainless steel	undrilled	940
42-1-4350	304 stainless steel	raw	2040	40	1.2	3	30				stainless steel	undrilled	1000
42-1-4349	304 stainless steel	raw	2040	40	1.2	3	30	22.7	60	4.2	stainless steel	drilled	1000
42-1-4461	304 stainless steel	raw	1950	40	1.5	3	12.5				stainless steel	undrilled	1230
42-1-3301	304 stainless steel	raw	2040	40	1.5	4	15				stainless steel	undrilled	1400
42-1-4199	304 stainless steel	raw	2040	40	1.5	4	15	22.7	60	4	stainless steel	drilled	1400
42-1-3770	304 stainless steel	raw	2040	44	2	6	30				stainless steel	undrilled	2463
42-1-4083	316L stainless steel	raw	1020	40	1.5	4	15				stainless steel	undrilled	700
42-1-4001	316L stainless steel	raw	2040	40	1.5	4	15				stainless steel	undrilled	1400
42-1-3665	430 stainless steel	raw	2040	40	0.8	2	15				stainless steel	undrilled	650





Stainless steel range - Hinges

Continuous hinges

Rolled knuckle continuous hinge - 50 mm width

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	F	G	S	Pin material	Note	Weight (g)
NEW 42-1-4258	304 stainless steel	raw	1020	50	1.2	3	30				stainless steel	undrilled	650
42-1-4348	304 stainless steel	raw	1800	50	1.2	3	30				stainless steel	undrilled	1100
42-1-4353	304 stainless steel	raw	2040	50	1.2	3	30				stainless steel	undrilled	1300
42-1-4352	304 stainless steel	raw	2040	50	1.2	3	30	28	60	4	stainless steel	drilled	1270
42-1-4462	304 stainless steel	raw	1950	50	1.5	3	12.5				stainless steel	undrilled	1450
42-1-4219	304 stainless steel	raw	1800	50	1.5	4	15				stainless steel	undrilled	1500
42-1-3918	304 stainless steel	raw	2000	50	2	4	25				stainless steel	undrilled	2350
NEW 42-1-4259	316L stainless steel	raw	1020	50	1.2	3	20				stainless steel	undrilled	655
42-1-4354	316L stainless steel	raw	2040	50	1.2	3	30				stainless steel	undrilled	1310

Rolled knuckle continuous hinge - 57 mm width

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



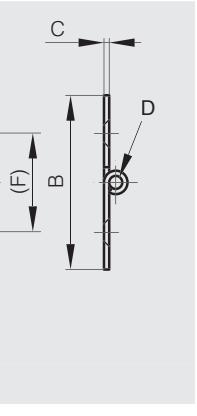
Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
42-1-4220	304 stainless steel	raw	2160	57	1.5	4	15	stainless steel	undrilled	2000

Rolled knuckle continuous hinge - 60 mm width

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	F	G	S	Pin material	Note	Weight (g)
NEW 42-1-4086	304 stainless steel	raw	1020	60	2	6	30				stainless steel	undrilled	1400
42-1-3302	304 stainless steel	raw	2040	60	2	6	30				stainless steel	undrilled	2800
42-1-4201	304 stainless steel	raw	2040	60	2	6	30	35	60	4	stainless steel	drilled	2800
NEW 42-1-4085	316L stainless steel	raw	1020	60	2	6	30				stainless steel	undrilled	1400
42-1-4002	316L stainless steel	raw	2040	60	2	6	30				stainless steel	undrilled	2800





Stainless steel range - Hinges

Continuous hinges

Rolled knuckle continuous hinge - 63 mm width

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
42-1-4221	304 stainless steel	raw	1800	63	1.5	4	15	stainless steel	undrilled	1800



Rolled knuckle continuous hinge - 70 mm width

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
42-1-4097	304 stainless steel	raw	1800	70	1.5	4	15	stainless steel	undrilled	1900
42-1-3859	304 stainless steel	raw	2040	70	2	6	30	stainless steel	undrilled	3120

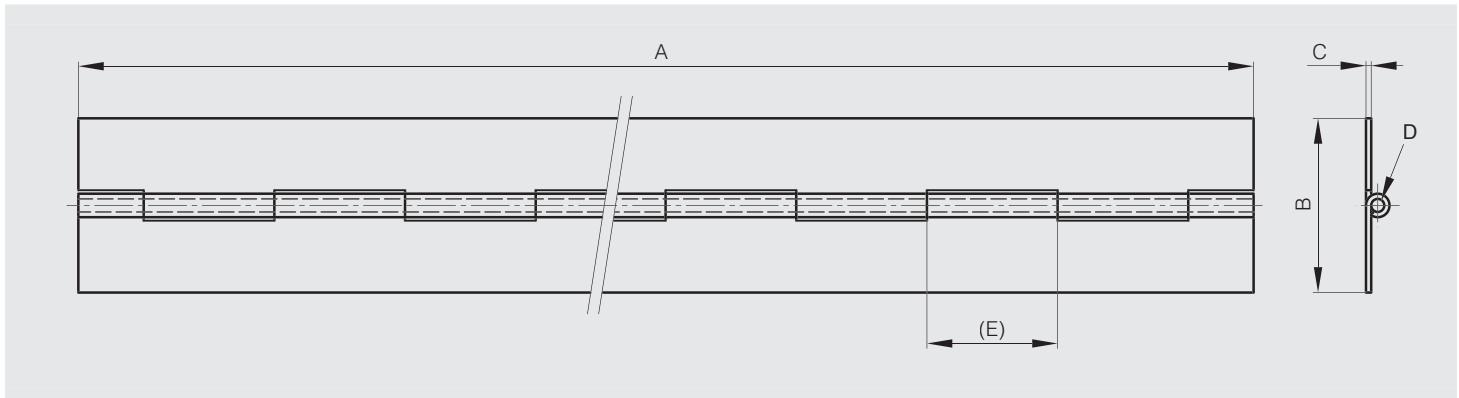


Rolled knuckle continuous hinge - 76 mm width

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
42-1-4094	304 stainless steel	raw	2160	76	1.5	4	15	stainless steel	undrilled	2400





Stainless steel range - Hinges

Continuous hinges

Rolled knuckle continuous hinge - 80 mm width

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	F	G	S	Pin material	Note	Weight (g)
42-1-4463	304 stainless steel	raw	1950	80	1.5	3	12.5				stainless steel	undrilled	2170
42-1-3304	304 stainless steel	raw	1000	80	3	6	40				stainless steel	undrilled	2530
42-1-3569	304 stainless steel	raw	2000	80	3	6	40				stainless steel	undrilled	5060
NEW 42-1-4547	304 stainless steel	raw	2000	80	3	6	40	35	60	5.2	stainless steel	drilled	5000
NEW 42-1-4548	316L stainless steel	raw	1980	80	2	6	30				stainless steel	undrilled	3470



Rolled knuckle continuous hinge - 100 mm width

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
42-1-4459	304 stainless steel	raw	2000	100	3	6	40	stainless steel	undrilled	5930
42-1-4458	304 stainless steel	raw	1995	100	3	10	40	stainless steel	undrilled	7110

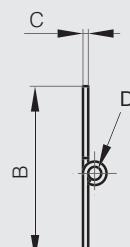


Rolled knuckle continuous hinge - 120 mm width

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
42-1-4095	304 stainless steel	raw	2100	120	2	6	30	stainless steel	undrilled	5000





Stainless steel range - Hinges

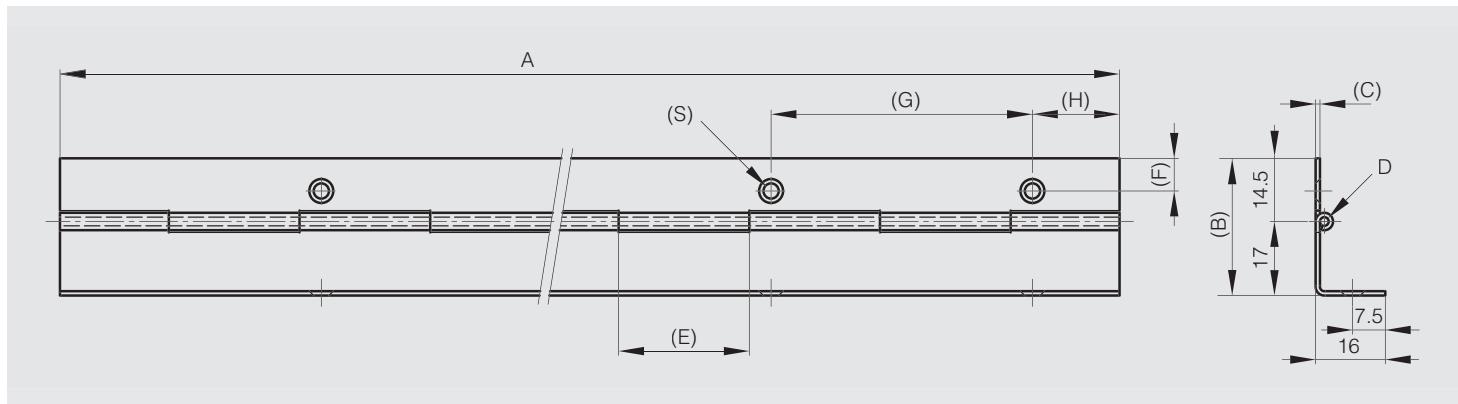
Continuous hinges

Drilled continuous hinge with one cranked leaf

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	F	G	H	S	Pin material	Note	Weight (g)
39-1-3630	304 stainless steel	raw	1995	31.5	1	2	30	7.5	60	20	3.5	304 stainless steel	drilled	860

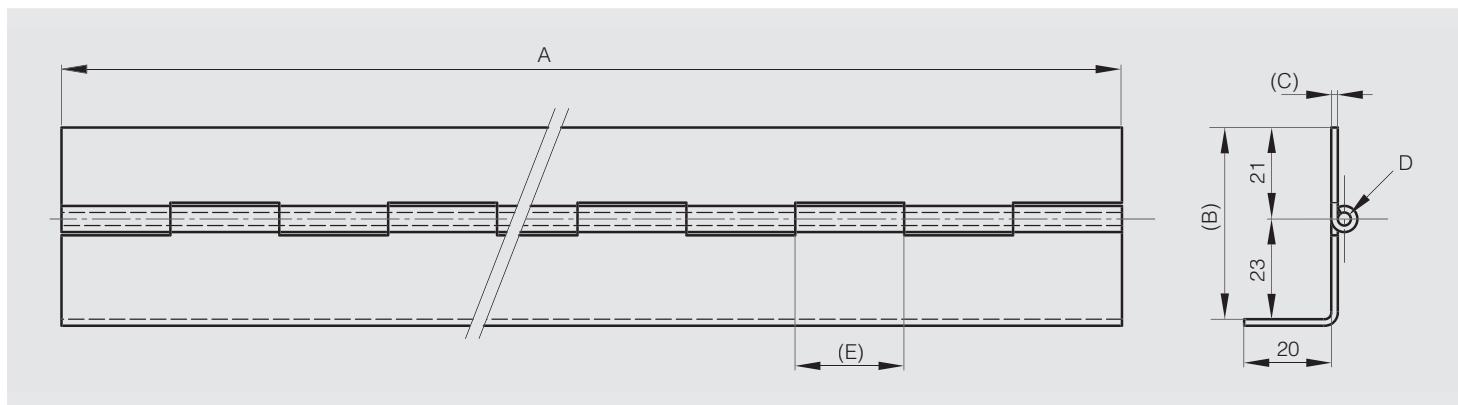


Undrilled continuous hinge with one cranked leaf

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
39-1-3633	304 stainless steel	raw	1995	44	1.5	3	25	304 stainless steel	undrilled	1787
39-1-3300	430 stainless steel	raw	1600	44	1.5	3	25	304 stainless steel	undrilled	1430





Stainless steel range - Hinges

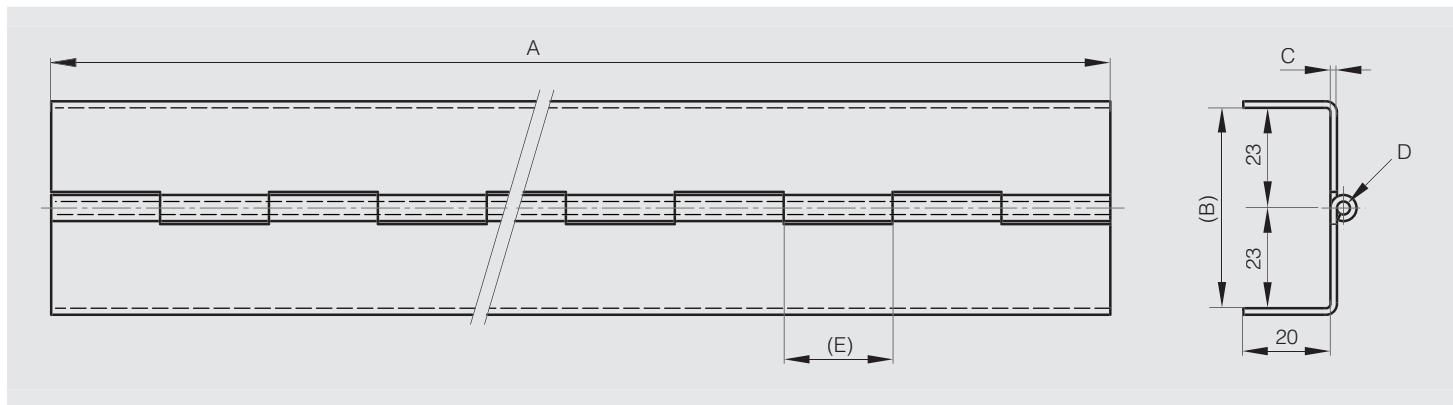
Continuous hinges

Continuous hinge with two cranked leaves

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



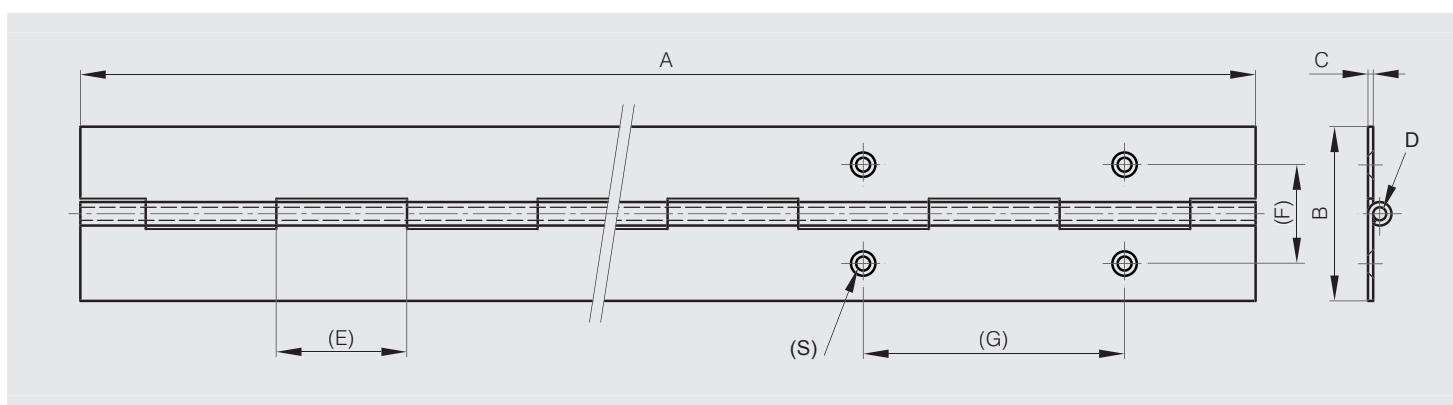
Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
39-1-3635	304 stainless steel	raw	2000	46	1.5	3	25	304 stainless steel	undrilled	1944



Rolled knuckle continuous hinge "Imperial" dimension



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)	
42-1-4096	304 stainless steel	raw	6'	1"	0.04"	0.08"	5/8"	stainless steel	undrilled	500	
42-1-4089	304 stainless steel	raw	6'	1" 1/4	0.04"	0.08"	5/8"	stainless steel	undrilled	500	
42-1-4346	304 stainless steel	raw	6'	1" 1/4	3/64"	1/8"	3/4"	stainless steel	undrilled	790	
42-1-4347	304 stainless steel	raw	6'	1" 1/2	3/64"	1/8"	3/4"	stainless steel	undrilled	940	
42-1-4348	304 stainless steel	raw	6'	2"	3/64"	1/8"	3/4"	stainless steel	undrilled	1100	
42-1-4219	304 stainless steel	raw	6'	2"	1/16"	5/32"	5/8"	stainless steel	undrilled	1500	
42-1-4220	304 stainless steel	raw	7'	2"	1/4	1/16"	5/32"	5/8"	stainless steel	undrilled	2000
42-1-4221	304 stainless steel	raw	6'	2" 1/2	1/16"	5/32"	5/8"	stainless steel	undrilled	1800	
42-1-4097	304 stainless steel	raw	6'	2" 3/4	1/16"	5/32"	5/8"	stainless steel	undrilled	1900	
42-1-4094	304 stainless steel	raw	7'	3"	1/16"	5/32"	5/8"	stainless steel	undrilled	2400	
42-1-4095	304 stainless steel	raw	7'	5"	0.08"	1/4"	1" 1/4	stainless steel	undrilled	5000	





Stainless steel range - Hinges

Concealed hinges

Concealed hinges A - 120° opening

Zinc plated steel version: small flat side in raw steel.

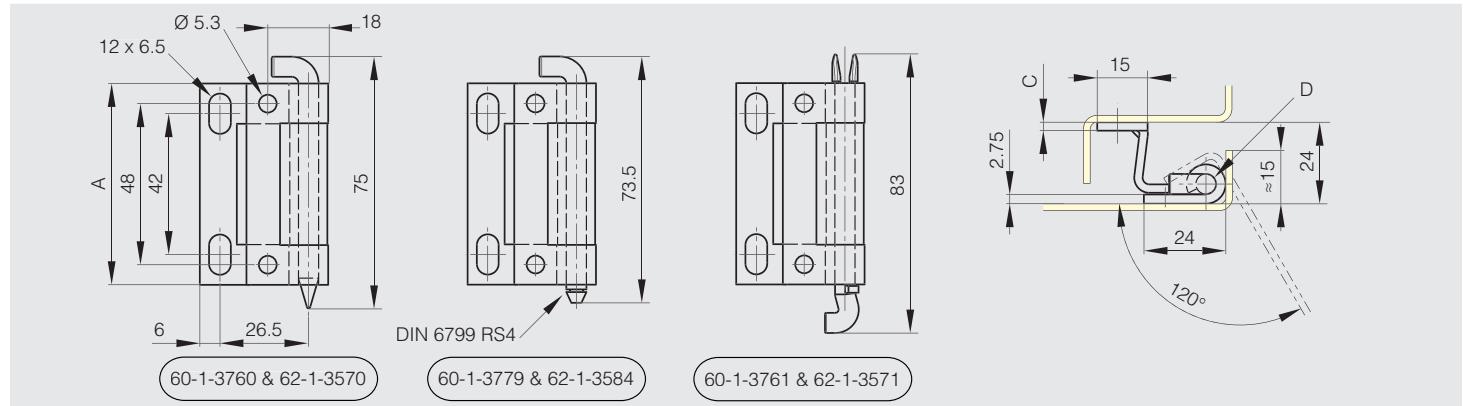
Stainless steel version: small flat side in stainless steel.

Natural POM pin diameter 6.

For pin with groove, optimal use of circlips DIN 6799 RS4 or O-ring 99-7-3723 (on request).



Part number	Material	Finish	A	C	D	Pin	Weight (g)
62-1-3570	304 stainless steel	raw	60	2.5	6	304 stainless steel pin	85
62-1-3584	304 stainless steel	raw	60	2.5	6	303 stainless steel grooved pin	85
62-1-3571	304 stainless steel	raw	60	2.5	6	delrin pin	85



Concealed hinges B - 120° opening

Zinc plated steel version: small flat side in raw steel.

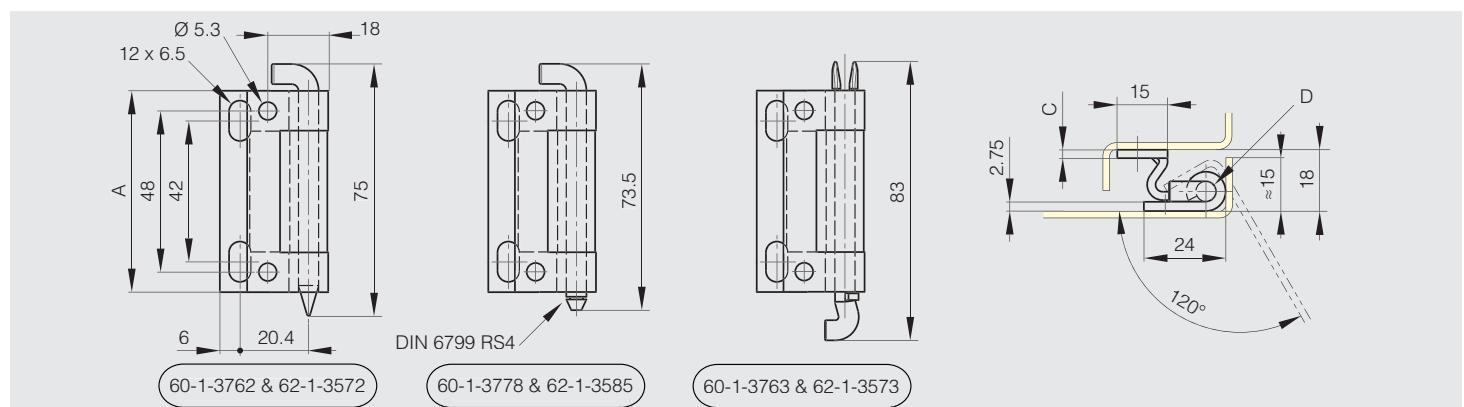
Stainless steel version: small flat side in stainless steel.

Natural POM pin diameter 6.

For pin with groove, optimal use of circlips DIN 6799 RS4 or O-ring 99-7-3723 (on request).



Part number	Material	Finish	A	C	D	Pin	Weight (g)
62-1-3572	304 stainless steel	raw	60	2.5	6	304 stainless steel pin	75
62-1-3585	304 stainless steel	raw	60	2.5	6	303 stainless steel grooved pin	75
62-1-3573	304 stainless steel	raw	60	2.5	6	delrin pin	75





Stainless steel range - Hinges

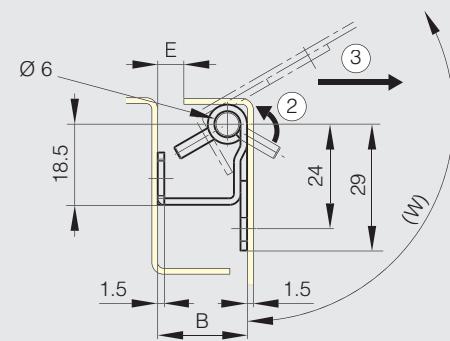
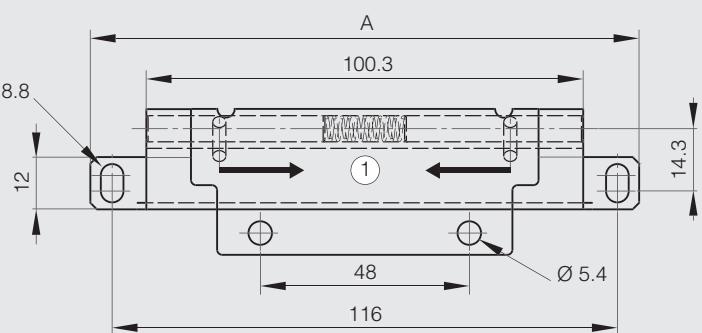
Concealed hinges

Concealed hinges with retractable pin

Quick-release concealed hinge for tool-free door removal with fixed retractable pin.



Part number	Material	Finish	A	B	E	W	Weight (g)
62-1-9000	stainless steel	raw	126	17.5	3	122°	73
62-1-9001	stainless steel	raw	126	20.5	4	117°	84
62-1-9002	stainless steel	raw	126	23.9	4.5	112°	100



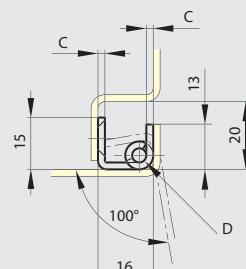
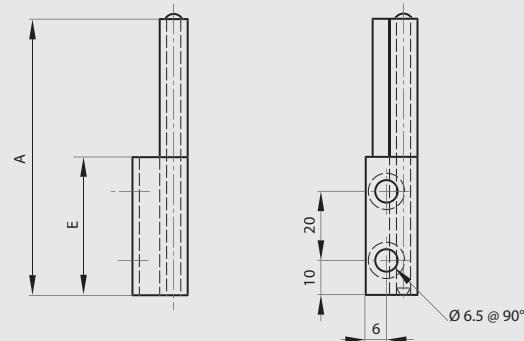
Concealed pin hinges - 100° opening

Non handed fitting.

Removable pin in 304 stainless steel.



Part number	Material	Finish	A	C	D	E	Weight (g)
12-1-3538	304 stainless steel	raw	80	2	4	40	45





Stainless steel range - Hinges

Concealed hinges

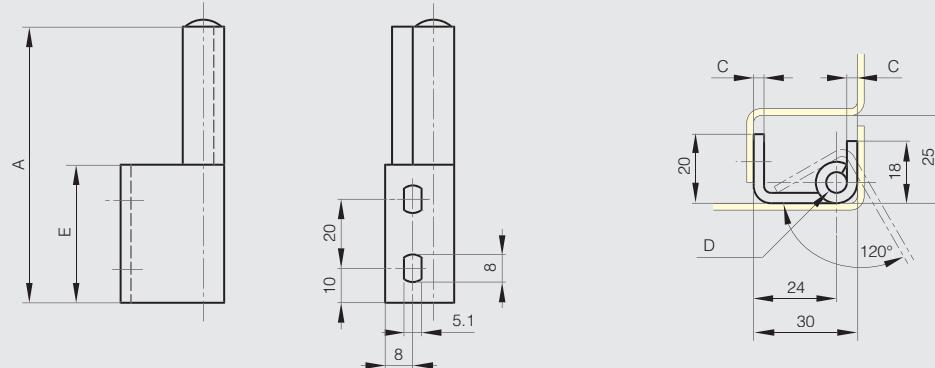
Concealed pin hinges - 120° opening

Non handed fitting.

Removable pin in 304 stainless steel.



Part number	Material	Finish	A	C	D	E	Weight (g)
12-1-3528	304 stainless steel	raw	80	3	6	40	107



Concealed hinge with friction - 90° opening

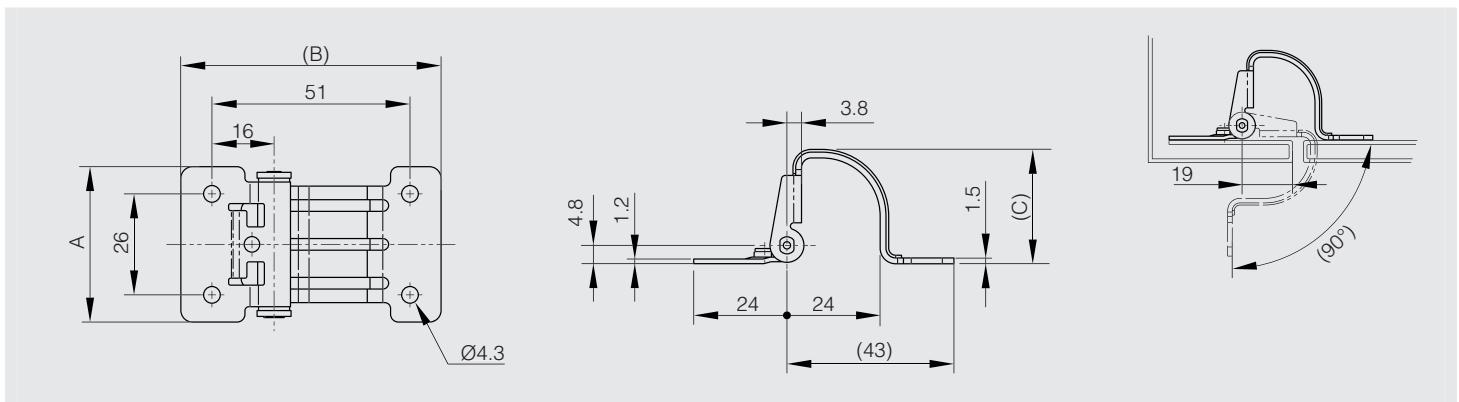
Initial torque (0.7 N.m) may vary from -20% to +40%.

For indoor use only.

Can be used both for horizontal and vertical applications.



Part number	Material	Finish	A	B	C	Torque	Weight (g)
70-7-3623	304 stainless steel	polished	40	67	29.5	0.7 N.m	50





Stainless steel range - Hinges

Concealed hinges

Concealed hinges with spring - 95° opening

Concealed hinges with 2 positions:

- Closing position: door remains open with an angle of 10°.
- Opening position: door opens up to 95°.

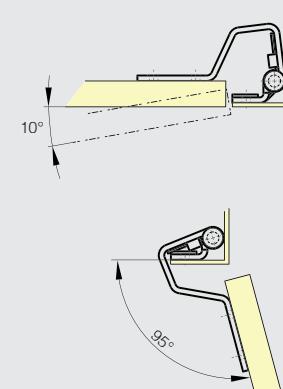
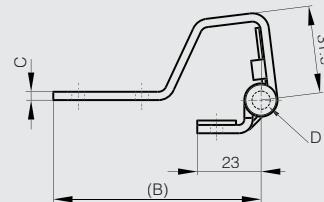
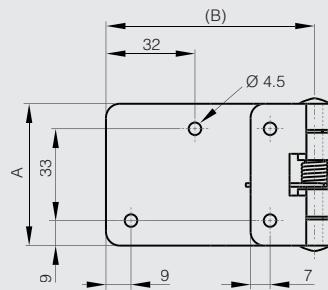
Closing of door due to spring action and door remains slightly opened.

Applications for parcel box:

- Door automatically opens after code entry.
- Door doesn't remain in opening position.



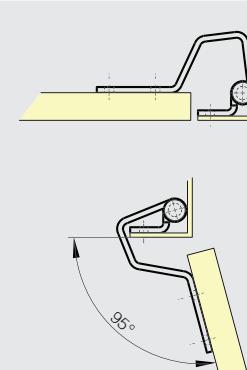
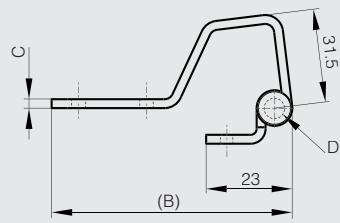
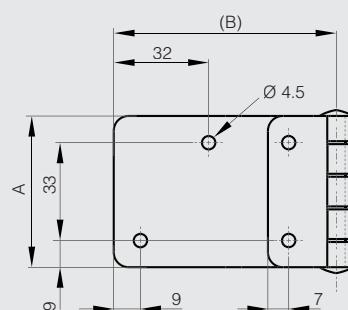
Part number	Material	Finish	A	B	C	D	Weight (g)
NEW 71-1-3867	304 stainless steel	raw	51	75	3	6	200



Concealed hinges without spring - 95° opening



Part number	Material	Finish	A	B	C	D	Weight (g)
NEW 62-1-4008	304 stainless steel	raw	51	75	3	6	210





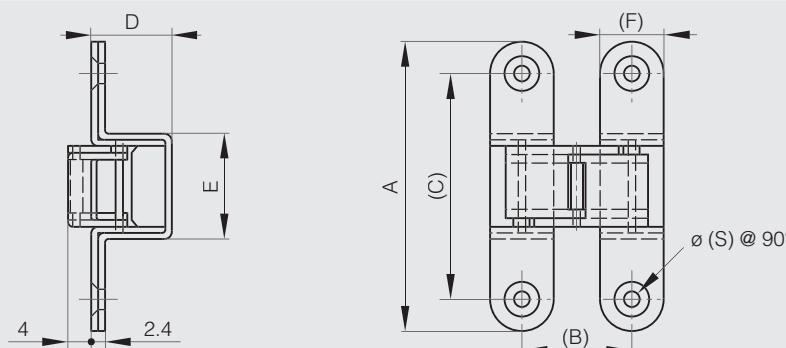
Stainless steel range - Hinges

Concealed hinges

Concealed hinge - 180° opening



Part number	Material	Finish	A	B	C	D	E	F	S	Weight (g)
70-7-3544	304 stainless steel	satin	50	19	38	14	18.2	11	2.7	33

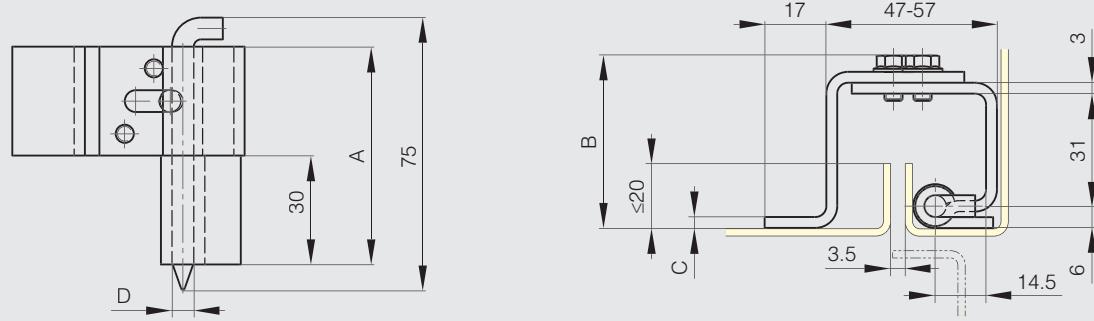


Concealed heavy duty hinge for flush doors - 90° opening

Concealed hinge for LH or RH application. The 2 main hinge parts have a central guide to prevent door from sagging during adjustment.



Part number	Material	Finish	A	B	C	D	Weight (g)
85-7-2331	304 stainless steel	raw	60	48	3	6	189





Stainless steel range - Hinges

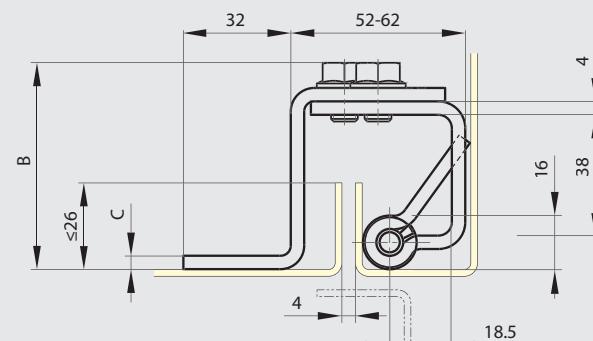
Concealed hinges

Concealed heavy duty hinge for flush doors - 90° opening

Concealed hinge for LH or RH application. The 2 main hinge parts have a central guide to prevent door from sagging during adjustement.



Part number	Material	Finish	A	B	C	D	Weight (g)
85-7-2334	304 stainless steel	raw	80	62	4	8	420

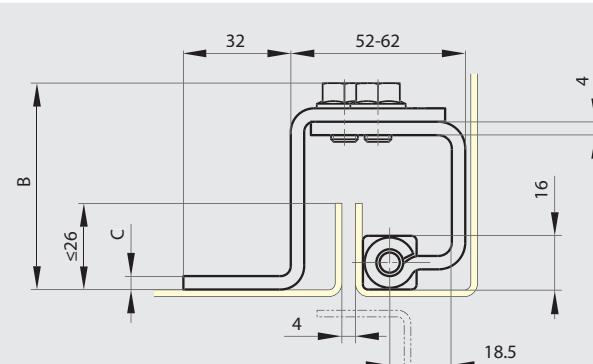


Concealed heavy duty hinge for flush doors - 90° opening

Concealed hinge for LH or RH application. The 2 main hinge parts have a central guide to prevent door from sagging during adjustement.



Part number	Material	Finish	A	B	C	D	Weight (g)
85-7-2332	304 stainless steel	raw	80	61	4	8	412





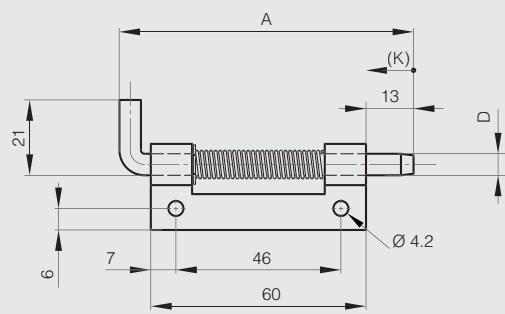
Stainless steel range - Hinges

Concealed hinges

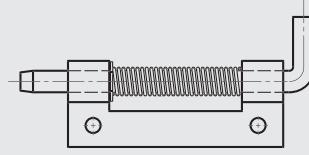
Concealed springloaded pin hinges A

Stainless steel spring. Hinges in raw steel and zinc plated steel with a zinc plated pin. Circlip in 1.4122 stainless steel.

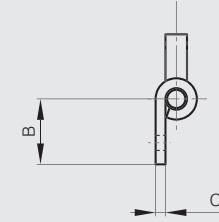
Part number	Material	Finish	A	B	C	D	K	Note	Weight (g)
12-1-3858	304 stainless steel	raw	82	18.2	2.8	6	12	type 2	46.4
12-1-3859	304 stainless steel	raw	82	18.2	2.8	6	12	type 1	46.4



12-1-3857 & 12-1-3855 & 12-1-3859



12-1-3856 & 12-1-3854 & 12-1-3858

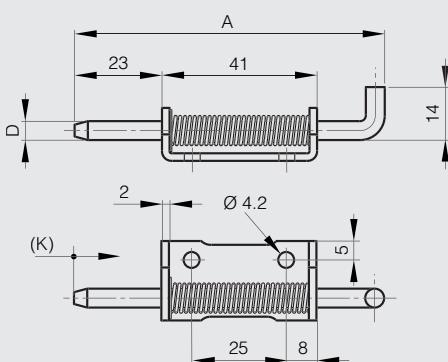


Concealed springloaded pin hinges B

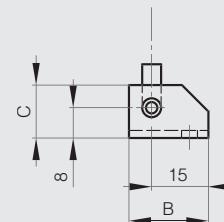
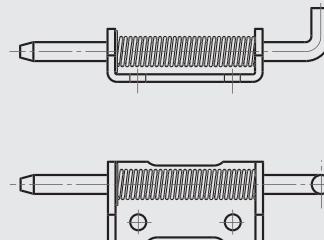
Stainless steel spring. Hinges in raw steel and zinc plated steel with a zinc plated pin. Circlip in 1.4122 stainless steel.



Part number	Material	Finish	A	B	C	D	K	Note	Weight (g)
12-1-3862	304 stainless steel	raw	82	21	14	5	12	type 2	38.5
12-1-3863	304 stainless steel	raw	82	21	14	5	12	type 1	38.5



12-1-3951 & 12-1-3861 & 12-1-3863



12-1-3950 & 12-1-3860 & 12-1-3862



Stainless steel range - Hinges

Concealed hinges

Concealed hinges - 90° opening

Pins and links in 316L stainless steel for 70-1-3625.

Mounting features:

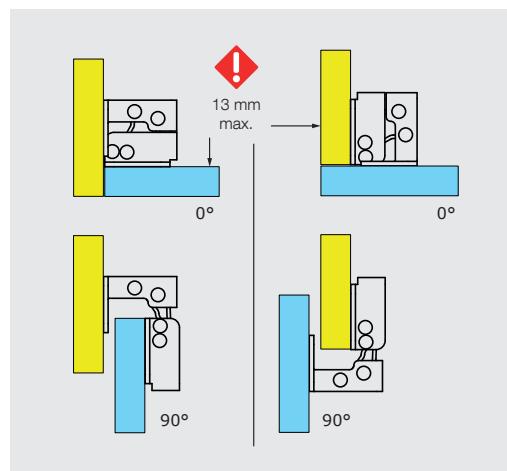
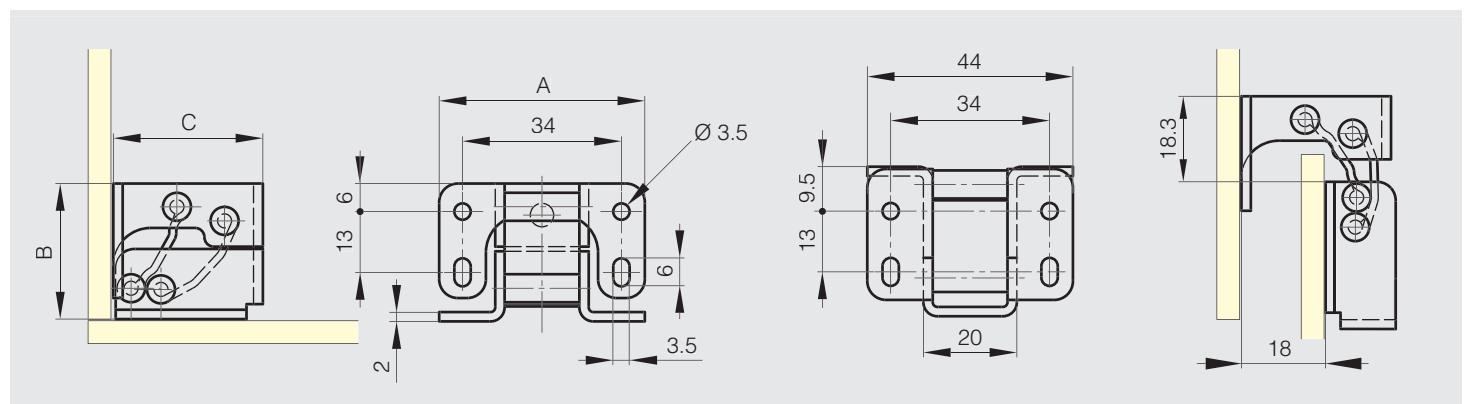
- For nested doors or surface mounted doors.
- LH or RH options.
- For horizontal or vertical applications.

A full product data sheet is available on our website.

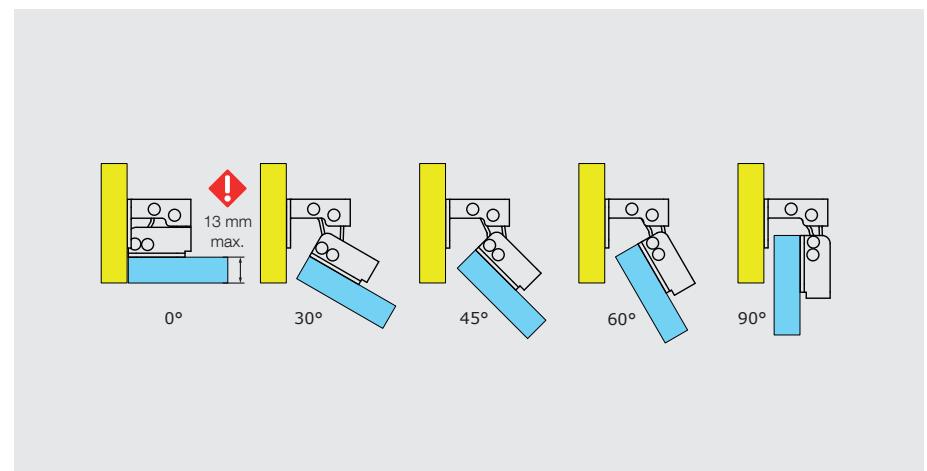
Refer to the product data sheet on our website for mounting instructions.



Part number	Material	Finish	A	B	C	Weight (g)
NEW 70-1-3625	316L stainless steel	raw	44	29	32	64



Nested door assembly shown



Nested door assembly shown

Surface mounted assembly shown



Stainless steel range - Hinges

Concealed hinges

Concealed hinges - 125° opening



Links in aluminium.

Pins in 304 Cu stainless steel for 70-1-3640.

Mounting features:

- For nested doors or surface mounted doors.
- LH or RH options.
- For horizontal or vertical applications.

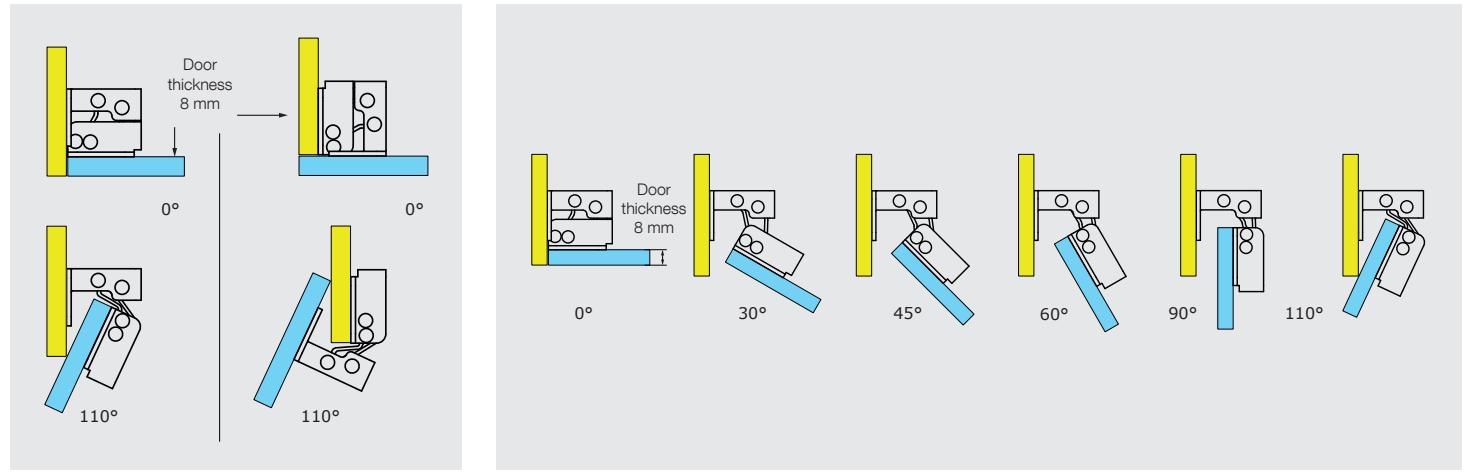
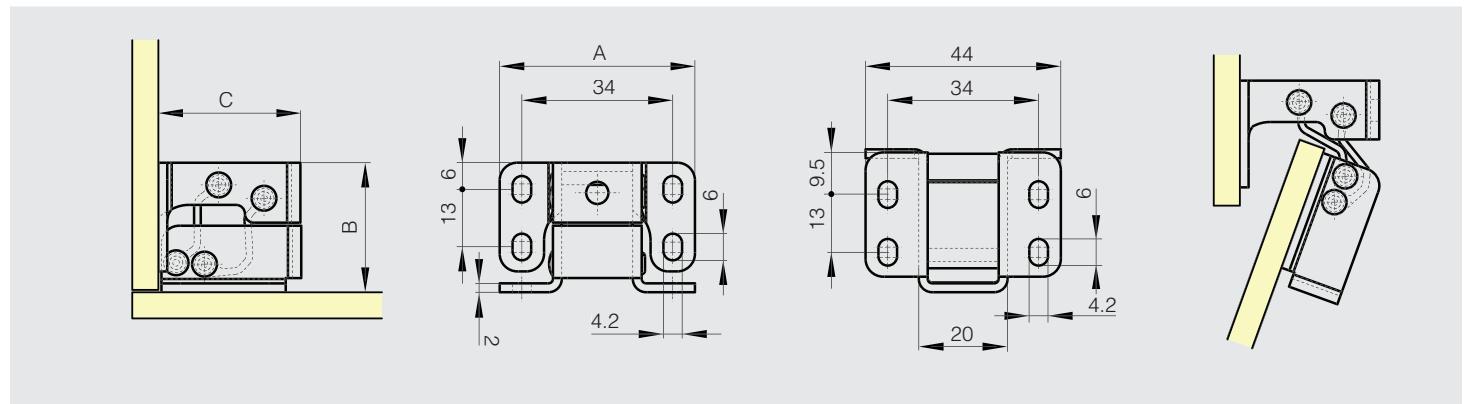
Opening angle differs according to door thickness:

- 2 mm thickness: opening angle of 125°.
- 8 mm thickness: opening angle of 110°.
- 13 mm thickness: opening angle of 100°.

Please ask us for bespoke solutions.



Part number	Material	Finish	A	B	C	Weight (g)
NEW 70-1-3640	316L stainless steel	raw	44	29	32	60



Nested door assembly shown

Surface mounted assembly shown

Nested door assembly shown



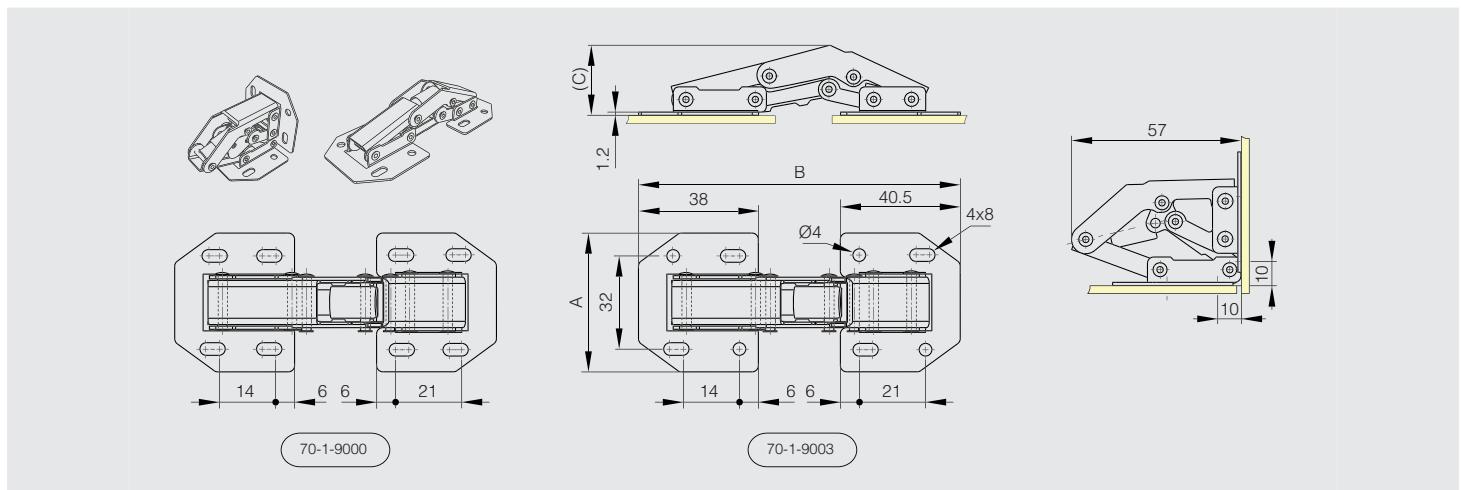
Stainless steel range - Hinges

Concealed hinges

Spring loaded concealed hinges - 90° opening



Part number	Material	Finish	A	B	C	Weight (g)
70-1-9000	316 stainless steel	raw	44	104.5	26	70

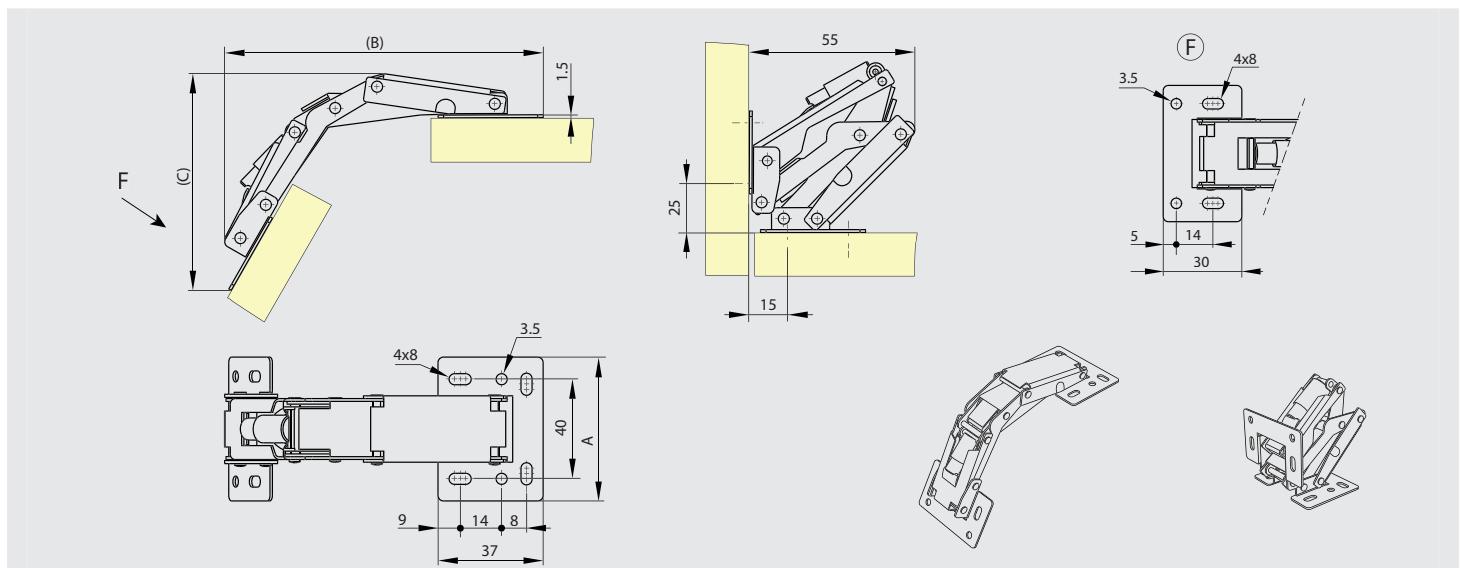


Spring loaded concealed hinges - 150° opening

For door thickness max: 20 mm.



Part number	Material	Finish	A	B	C	Weight (g)
70-1-9002	304 stainless steel	raw	52	121	73.5	140





Stainless steel range - Hinges

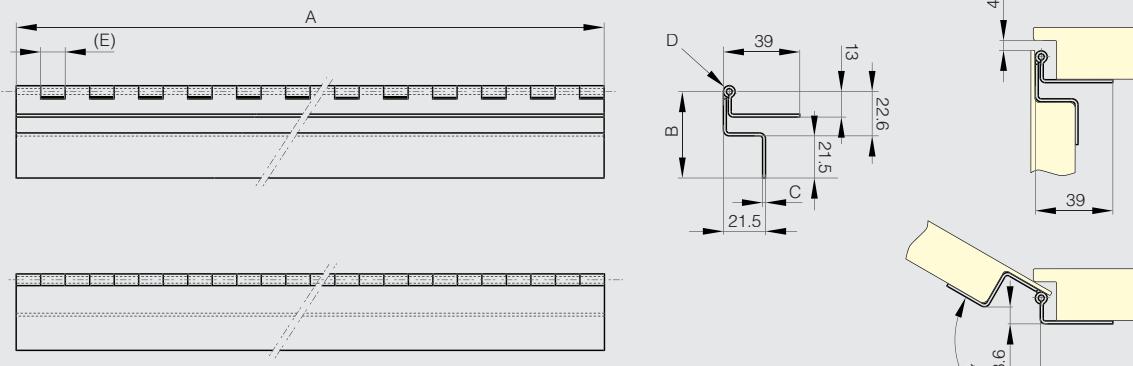
Concealed hinges

Concealed hinges with two cranked leaves - undrilled - 120° opening - version A

Hinges for side door of baggage compartment (bus and coach, bodywork...)



Part number	Material	Finish	A	B	C	D	E	Weight (g)
NEW 39-1-3885	304 stainless steel	raw	300	44.1	1.5	3	12.5	440
NEW 39-1-3887	304 stainless steel	raw	600	44.1	1.5	3	12.5	880



Concealed hinges with two cranked leaves - drilled - 120° opening - version A

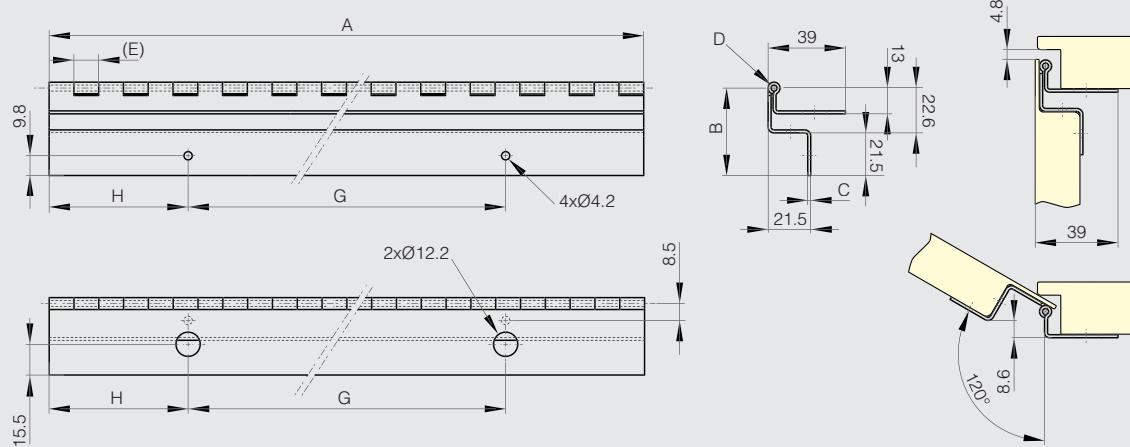
Hinges for side door of baggage compartment (bus and coach, bodywork...)

Use rivets for 4.2 diameter holes (door side).

Use self-drilling screws for 12.2 diameter holes (frame side).



Part number	Material	Finish	A	B	C	D	E	G	H	Weight (g)
NEW 39-1-3886	304 stainless steel	raw	300	44.1	1.5	3	12.5	160	70	430
NEW 39-1-3888	304 stainless steel	raw	600	44.1	1.5	3	12.5	160	60	870





Stainless steel range - Hinges

Concealed hinges

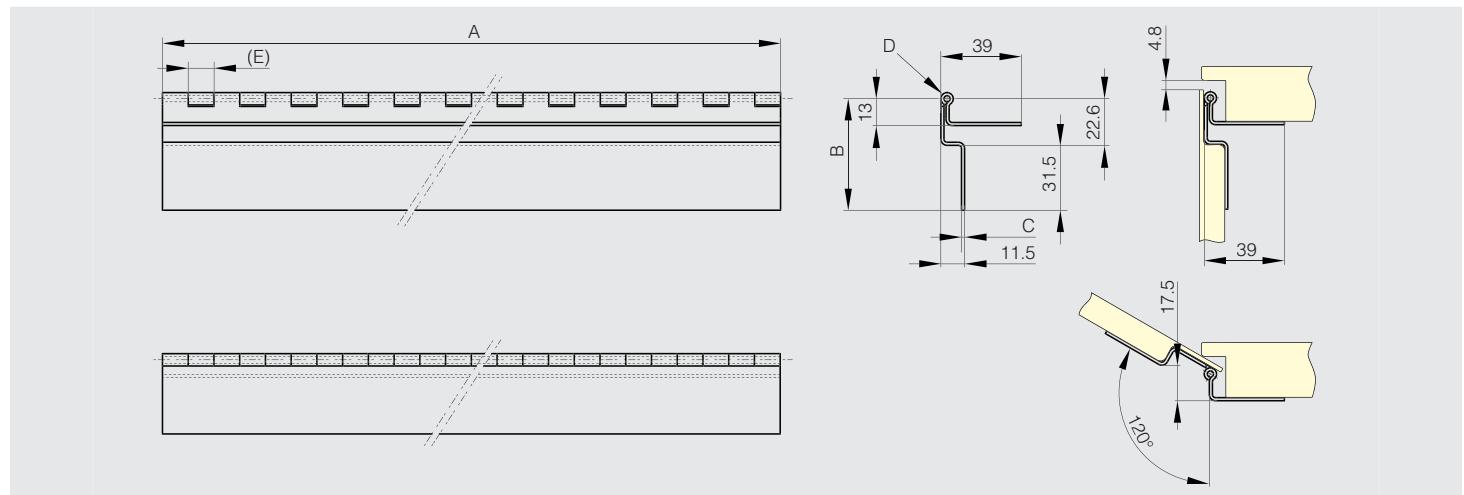
Concealed hinges with two cranked leaves - undrilled - 120° opening - version B

Hinges for side door of baggage compartment (bus and coach, bodywork...)



120° STAINLESS STEEL RoHS

Part number	Material	Finish	A	B	C	D	E	Weight (g)
NEW 39-1-3889	304 stainless steel	raw	300	54.1	1.5	3	12.5	410
NEW 39-1-3891	304 stainless steel	raw	600	54.1	1.5	3	12.5	870



Concealed hinges with two cranked leaves - drilled - 120° opening - version B

Hinges for side door of baggage compartment (bus and coach, bodywork...)

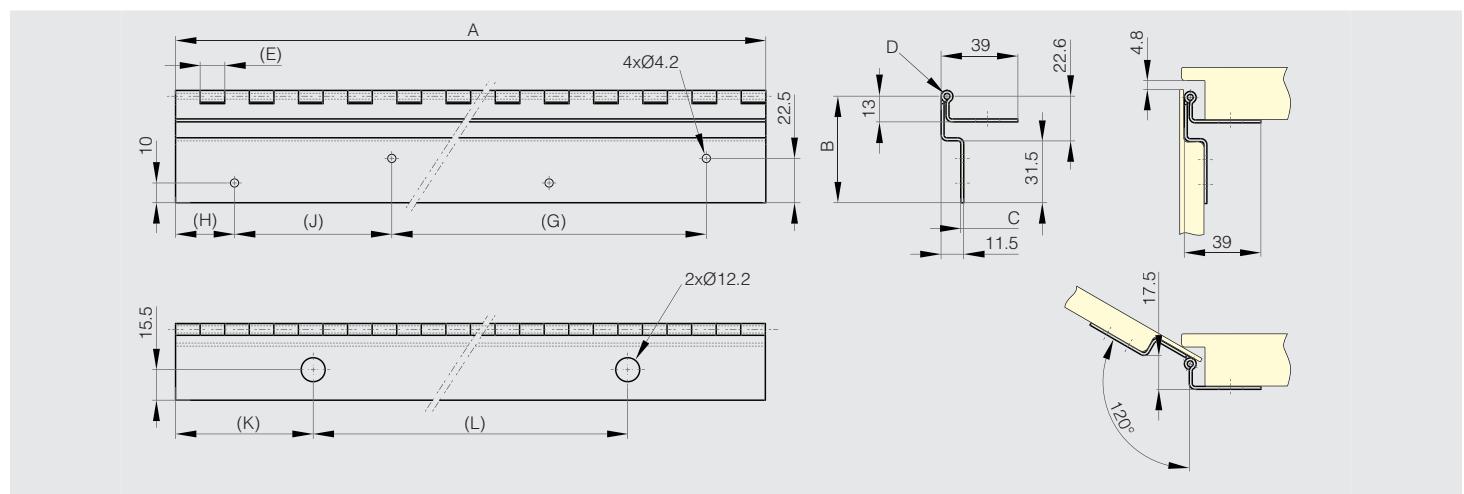
Use rivets for 4.2 diameter holes (door side).

Use self-drilling screws for 12.2 diameter holes (frame side).



120° STAINLESS STEEL RoHS

Part number	Material	Finish	A	B	C	D	E	G	H	J	K	L	Weight (g)
NEW 39-1-3890	304 stainless steel	raw	300	54.1	1.5	3	12.5	160	30	80	70	160	430
NEW 39-1-3892	304 stainless steel	raw	600	54.1	1.5	3	12.5	260	40	130	60	160	870





Stainless steel range - Hinges

Hinges with dual function

Opening spring hinges 120 mm long

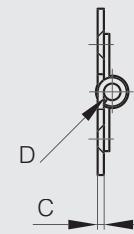
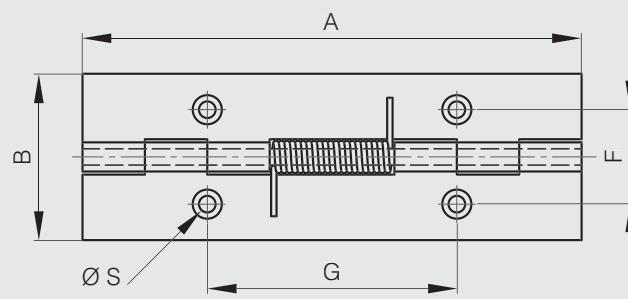
Opening spring force:

M(0°): 0.85 N.m / M(90°): 0.56 N.m / M(180°): 0.28 N.m

Stainless steel spring.



Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
71-1-3787	304 stainless steel	raw	120	40	1.5	4				undrilled	82
71-1-3793	304 stainless steel	raw	120	40	1.5	4	22.7	60	4	drilled	82



Closing spring hinges 120 mm long

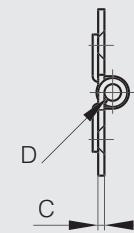
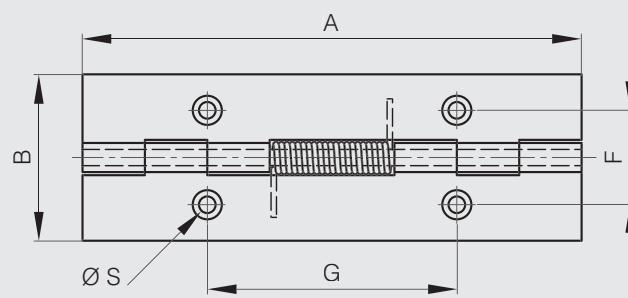
Closing spring force:

M(0°): 0.28 N.m / M(90°): 0.56 N.m / M(180°): 0.85 N.m

Stainless steel spring.



Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
71-1-3790	304 stainless steel	raw	120	40	1.5	4				undrilled	82
71-1-3796	304 stainless steel	raw	120	40	1.5	4	22.7	60	4	drilled	82





Stainless steel range - Hinges

Hinges with dual function

Opening spring hinges 180 mm long

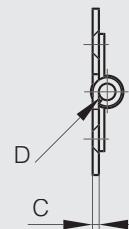
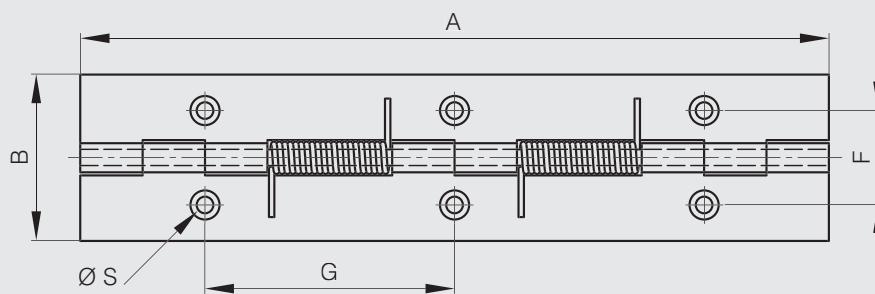
Opening spring force:

M(0°): 1.7 N.m / M(90°): 1.1 N.m / M(180°): 0.56 N.m

Stainless steel spring.



Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
71-1-3788	304 stainless steel	raw	180	40	1.5	4				undrilled	124
71-1-3794	304 stainless steel	raw	180	40	1.5	4	22.7	60	4	drilled	124



Closing spring hinges 180 mm long

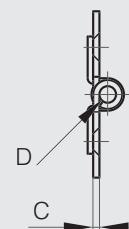
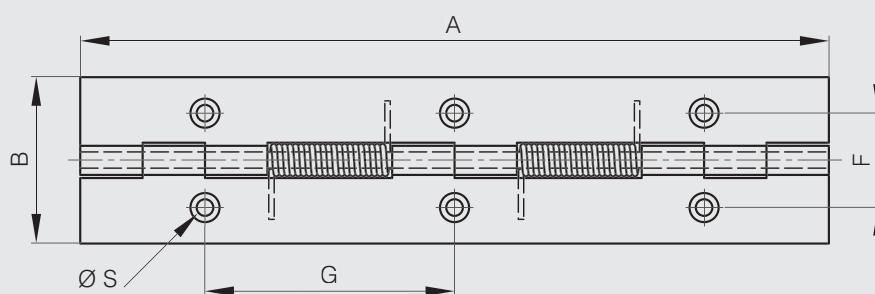
Closing spring force:

M(0°): 0.56 N.m / M(90°): 1.1 N.m / M(180°): 1.7 N.m

Stainless steel spring.



Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
71-1-3791	304 stainless steel	raw	180	40	1.5	4				undrilled	124
71-1-3797	304 stainless steel	raw	180	40	1.5	4	22.7	60	4	drilled	124





Stainless steel range - Hinges

Hinges with dual function

Opening spring hinges 240 mm long

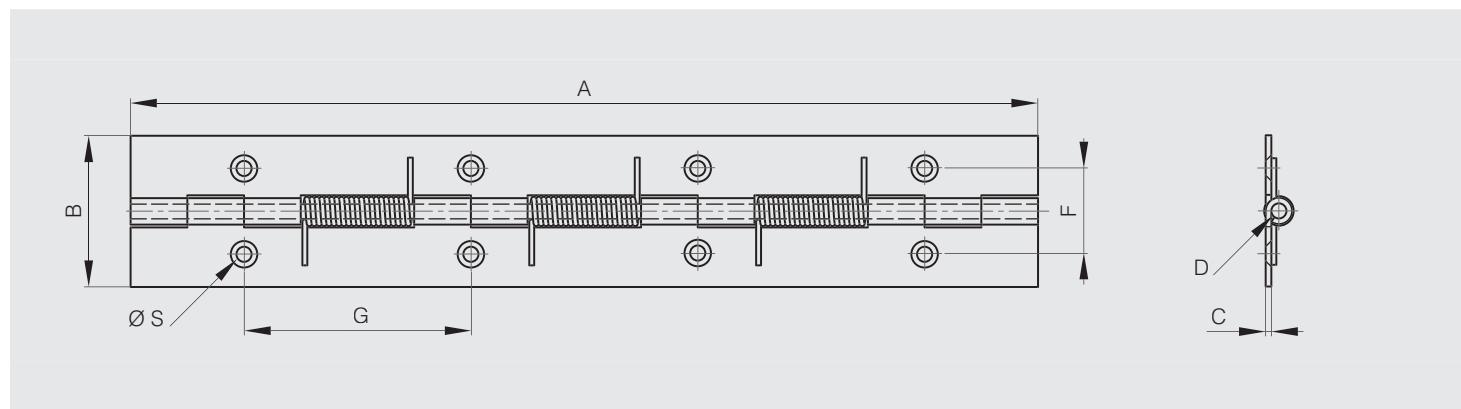
Opening spring force:

M(0°): 2.55 N.m / M(90°): 1.68 N.m / M(180°): 0.84 N.m

Stainless steel spring.



Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
71-1-3789	304 stainless steel	raw	240	40	1.5	4				undrilled	164
71-1-3795	304 stainless steel	raw	240	40	1.5	4	22.7	60	4	drilled	164



Closing spring hinges 240 mm long

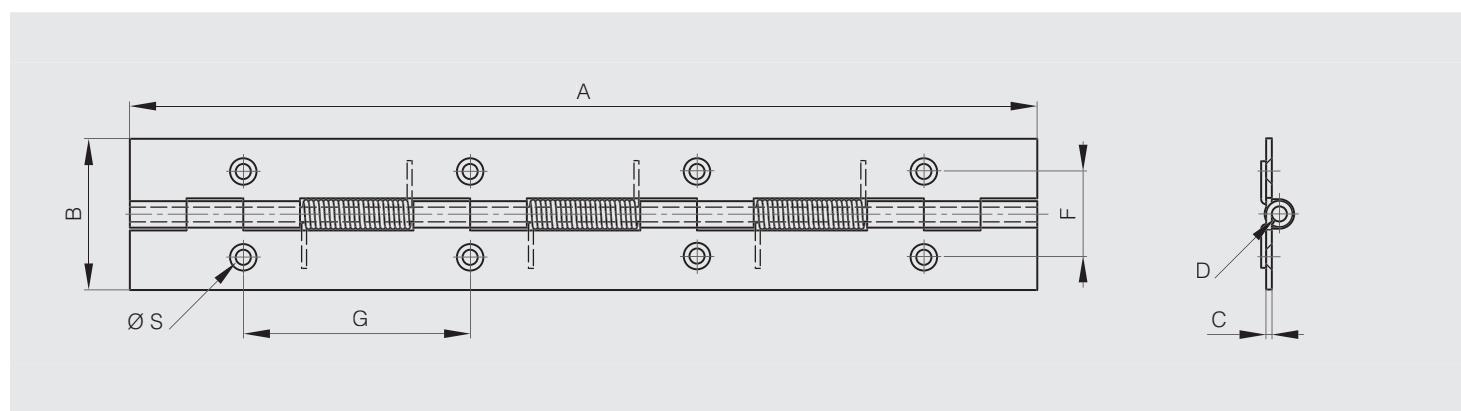
Closing spring force:

M(0°): 0.84 N.m / M(90°): 1.68 N.m / M(180°): 2.55 N.m

Stainless steel spring.



Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
71-1-3792	304 stainless steel	raw	240	40	1.5	4				undrilled	164
71-1-3798	304 stainless steel	raw	240	40	1.5	4	22.7	60	4	drilled	164





Stainless steel range - Hinges

Hinges with dual function

Spring hinges 50 mm long

Opening spring force:

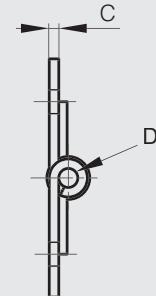
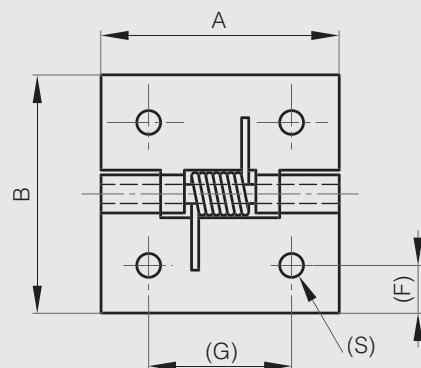
M(0°): 1.5 N.m / M(90°): 1.1 N.m / M(180°): 0.65 N.m



Closing spring force :

M(0°): 0.25 N.m / M(90°): 0.65 N.m / M(180°): 1.1 N.m

Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
71-1-3553	304 stainless steel	raw	50	50	2	4	10	30	5	stainless steel opening spring	50
71-1-3586	304 stainless steel	raw	50	50	2	4	10	30	5	stainless steel closing spring	50



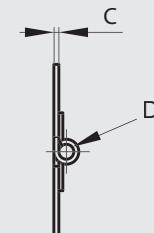
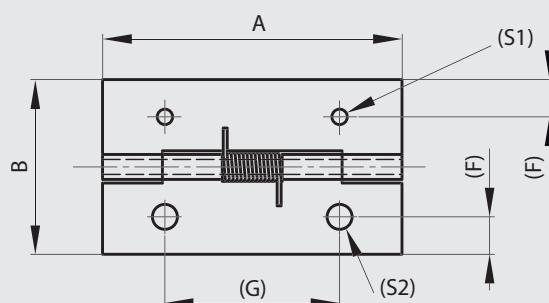
Spring hinge 60 mm long - with 4 holes

Opening spring force:

M(0°): 0.11 N.m / M(90°): 0.09 N.m / M(180°): 0.07 N.m



Part number	Material	Finish	A	B	C	D	F	G	S1	S2	Note	Weight (g)
71-1-3560	430 stainless steel	raw	60	35	1	3	7.5	35	3.1	5	stainless steel opening spring	22





Stainless steel range - Hinges

Hinges with dual function

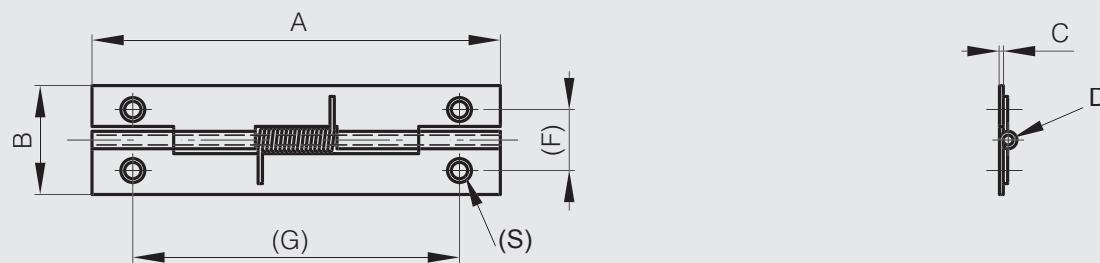
Spring hinges 75 mm long - drilled

Opening spring force:

M(0°): 0.12 N.m / M(90°): 0.09 N.m / M(180°): 0.06 N.m



Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
71-1-3582	304 stainless steel	raw	75	20	0.8	2	11.2	60	2.8	stainless steel opening spring	11.5



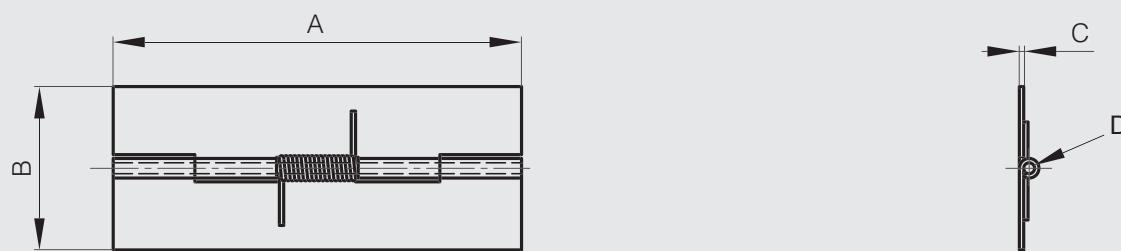
Spring hinges 75 mm long - undrilled

Spring force:

M(0°): 0.12 N.m / M(90°): 0.095 N.m / M(180°): 0.07 N.m



Part number	Material	Finish	A	B	C	D	Note	Weight (g)
71-1-3583	304 stainless steel	raw	75	30	0.8	2	stainless steel opening spring	17





Stainless steel range - Hinges

Hinges with dual function

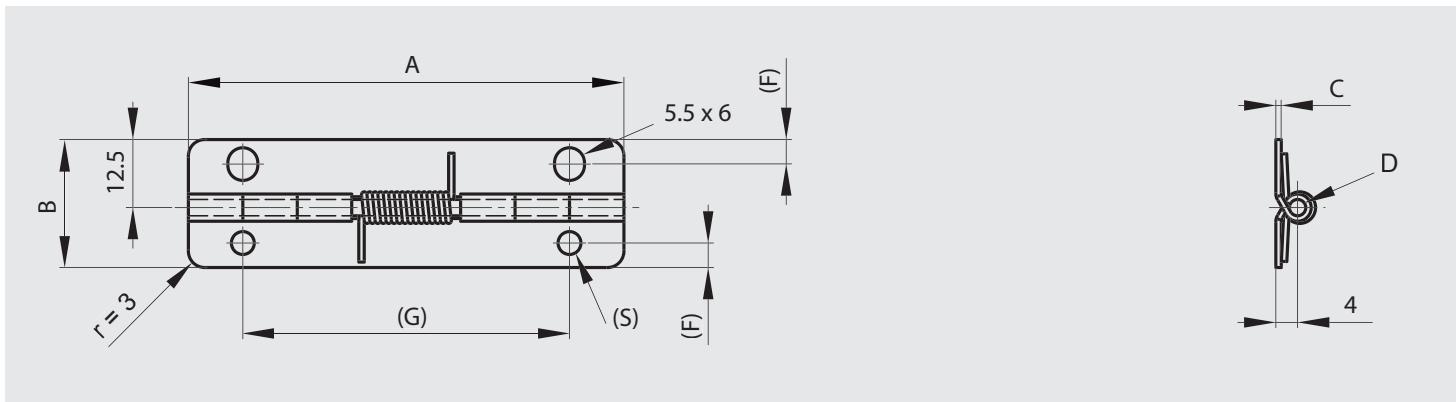
Spring hinges 80 mm long

Opening spring force:

M(0°): 0.17 N.m / M(90°): 0.12 N.m / M(180°): 0.065 N.m



Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
71-1-3578	304 stainless steel	raw	80	23.5	1	3	4.5	60	4	stainless steel opening spring	24.5
71-1-3304	430 stainless steel	raw	80	23.5	1	3	4.5	60	4	stainless steel opening spring	24.5



Spring hinges 160 mm long

Spring force for part numbers 71-1-3580 and 71-1-3581:

M(0°): 0.9 N.m / M(90°): 0.86 N.m / M(180°): 0.6 N.m

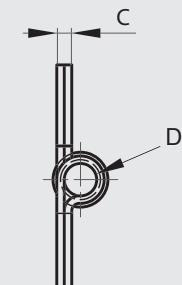
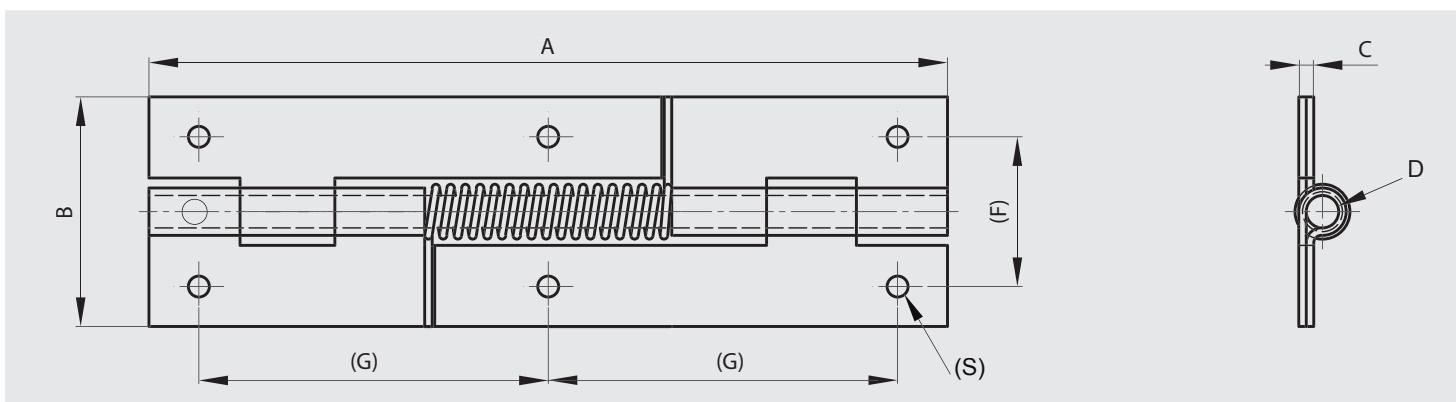


Spring force for part number 71-1-3618 and 71-1-3835:

M(0°): 0.12 N.m / M(90°): 0.44 N.m / M(180°): 0.55 N.m

Punched pin.

Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
71-1-3581	304 stainless steel	raw	160	46	3	6.5	30	70	4.2	stainless steel opening spring	208
71-1-3835	304 stainless steel	raw	160	46	3	6.5	30	70	4.2	stainless steel closing spring	208





Stainless steel range - Hinges

Hinges with dual function

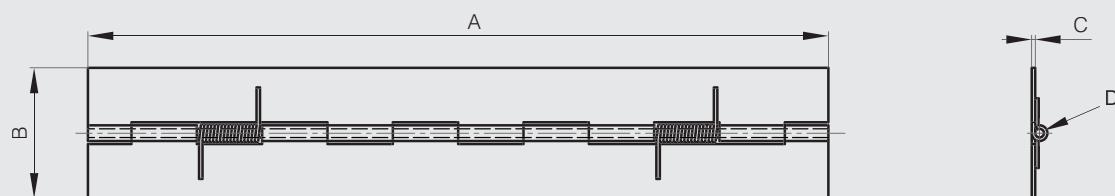
Spring hinges 170 mm long

Spring force:

M(0°): 0.24 N.m / M(90°): 0.19 N.m / M(180°): 0.14 N.m



Part number	Material	Finish	A	B	C	D	Note	Weight (g)
71-1-3522	304 stainless steel	raw	170	30	0.8	2	stainless steel opening spring	41

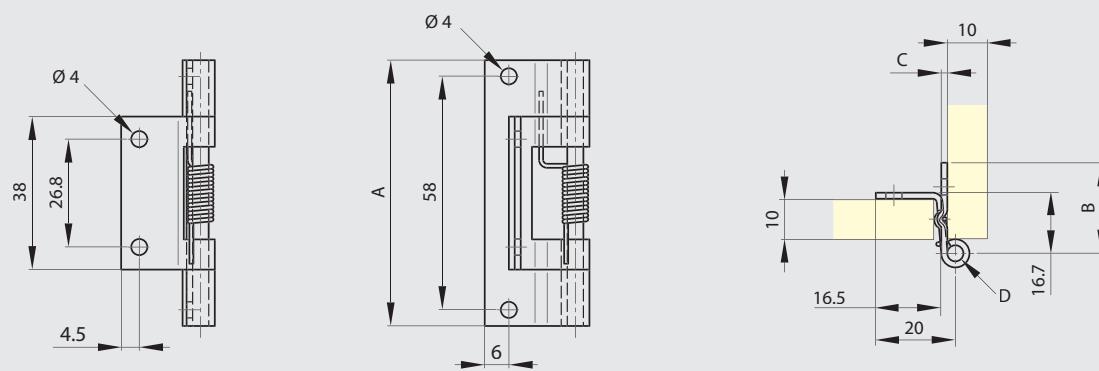


Cranked spring hinge 66 mm long

A full product data sheet is available on our website.



Part number	Material	Finish	A	B	C	D	Note	Weight (g)
71-1-3649	316 stainless steel	brightened	66	22.5	1.5	4	closing spring	38





Stainless steel range - Hinges

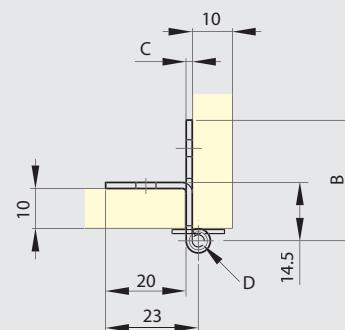
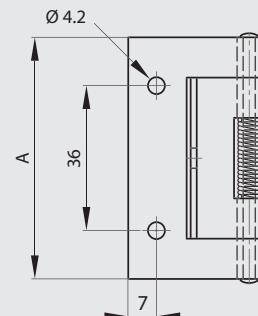
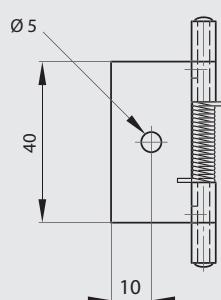
Hinges with dual function

Cranked spring hinge 60 mm long

A full product data sheet is available on our website.



Part number	Material	Finish	A	B	C	D	Note	Weight (g)
71-1-3622	316 stainless steel	raw	60	30	1.5	3	closing spring	40

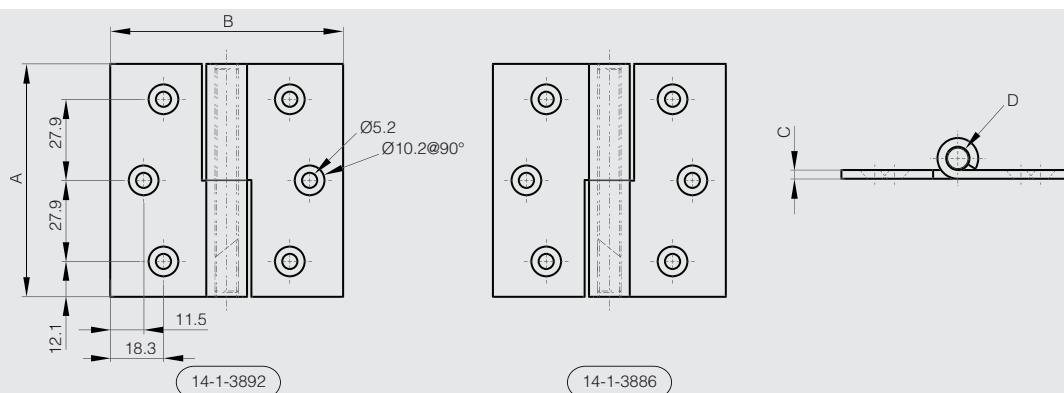


Lift-off rising hinge in stainless steel

Ramp integrated in the pin allows automatic closing by gravity.



Part number	Material	Finish	A	B	C	D	Note	Weight (g)
NEW 14-1-3886	304 stainless steel	brushed	80	80	3	8	type 2	216
NEW 14-1-3892	304 stainless steel	brushed	80	80	3	8	type 1	216





Stainless steel range - Hinges

Hinges with dual function

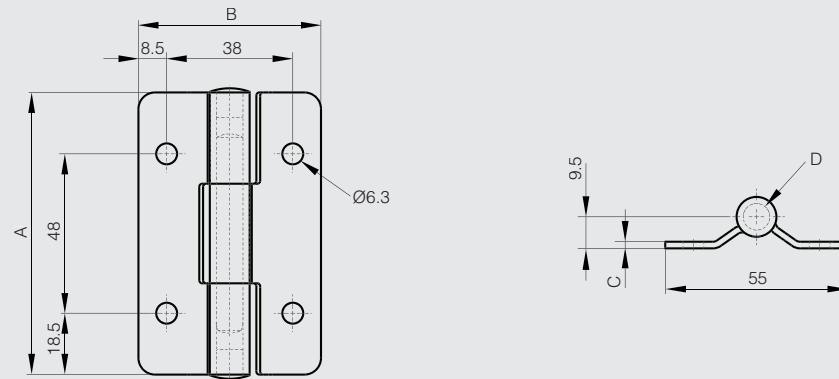
Friction hinge in stainless steel - friction torque 3 N.m

Constant torque. Stable at various temperatures.

Pin in steel.



Part number	Material	Finish	A	B	C	D	Torque	Note	Weight (g)
NEW 62-1-3710	301 stainless steel	raw	85	55	2	8	3 N.m	with friction	120
NEW 62-1-3711	301 stainless steel	raw	85	55	2	8		no torque	120



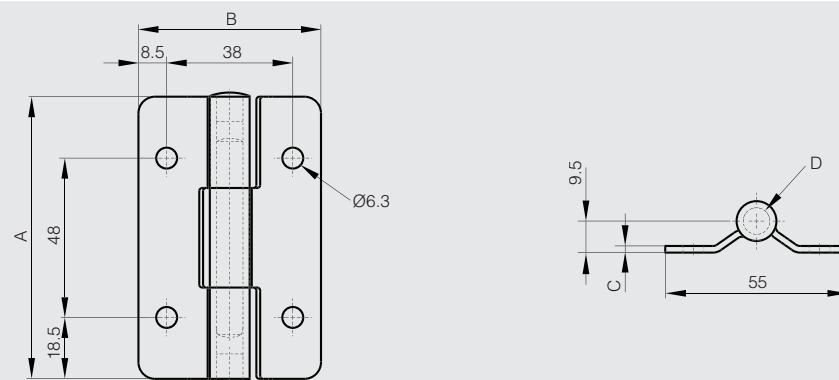
Friction hinge in stainless steel - friction torque 5 N.m

Constant torque. Stable at various temperatures.

Pin in steel.



Part number	Material	Finish	A	B	C	D	Torque	Note	Weight (g)
NEW 62-1-3712	301 stainless steel	raw	85	55	2	12	5 N.m	with torque	155
NEW 62-1-3713	301 stainless steel	raw	85	55	2	12		no torque	155





Stainless steel range - Hinges

Hinges with dual function

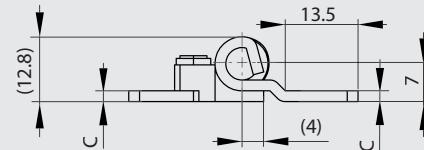
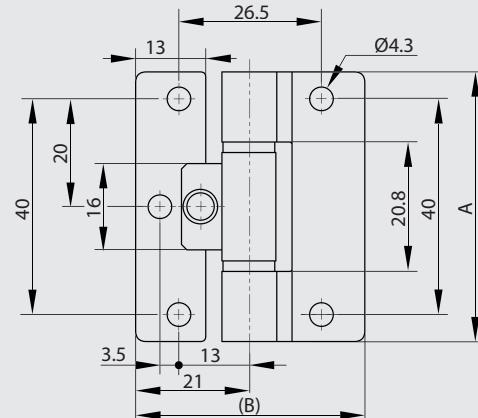
Stainless steel friction hinge - friction torque 1.9 N.m

Hinge with friction torque holds lid / door in desired position.

Operating temperature: -20°C / +60°C.



Part number	Material	Finish	A	B	C	Torque	Weight (g)
52-7-4048	304 stainless steel	polished	50	42.5	2	1.9 N.m	51



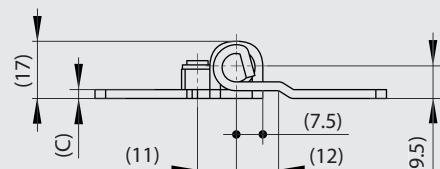
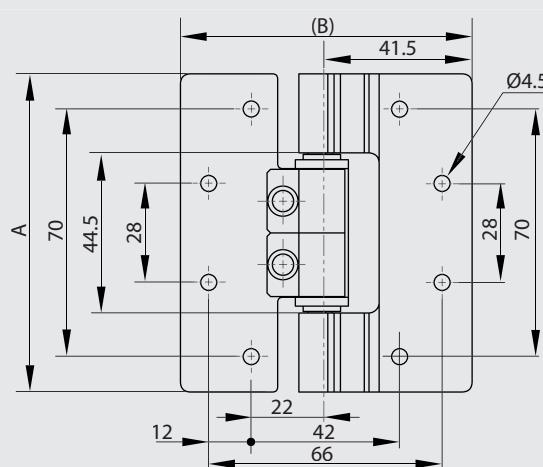
Stainless steel friction hinge - friction torque 5.8 N.m

Hinge with friction torque holds lid / door in desired position.

Operating temperature: -20°C / +60°C.



Part number	Material	Finish	A	B	C	Torque	Weight (g)
52-7-4049	304 stainless steel	polished	90	82.5	2.5	5.8 N.m	195





Stainless steel range - Hinges

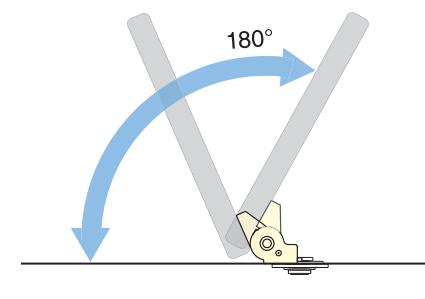
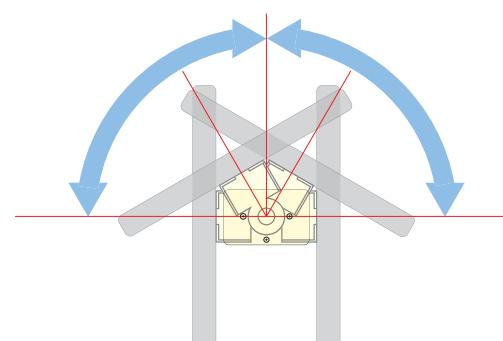
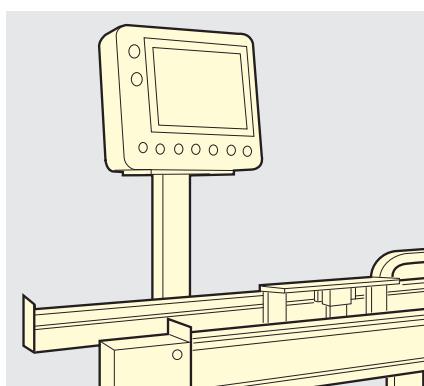
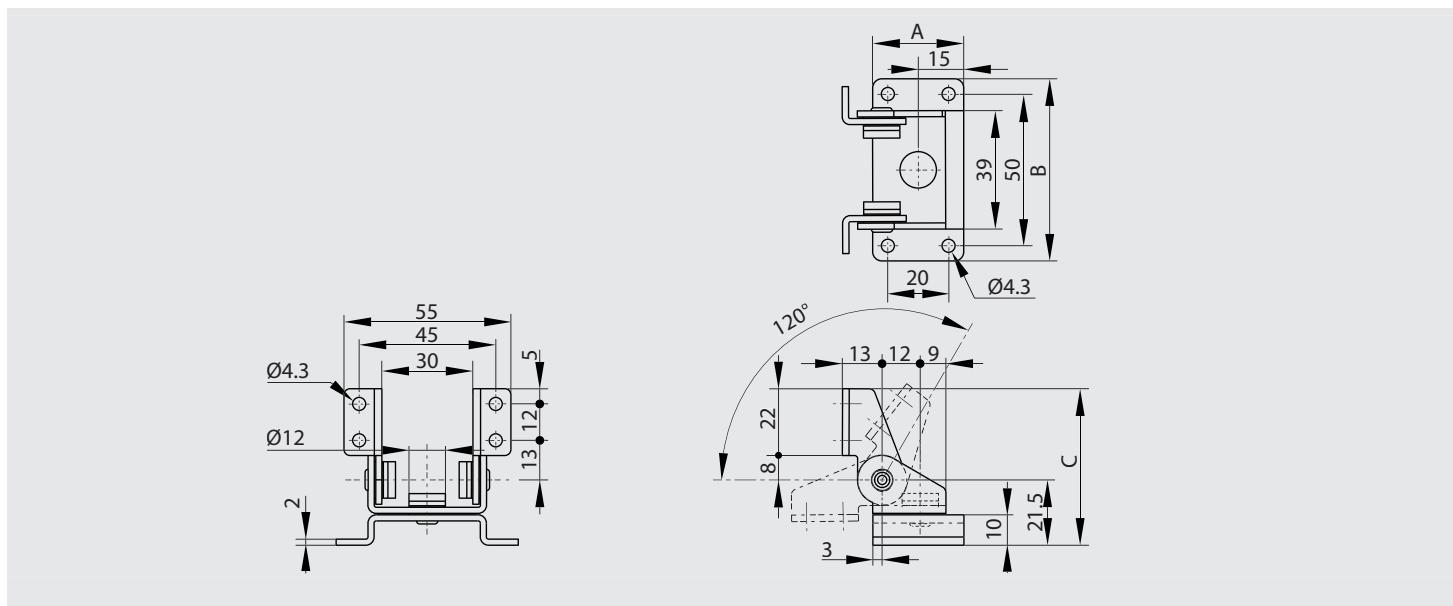
Hinges with dual function

Dual axis torque hinge - 30 x 60 mm

- Dual axis: free stop at any angle in tilt & swivel.
- Provide torque stability in both directions.
- Torque per piece (tilting): 2.9 N.m.
- Torque per piece (swiveling): 1.4 N.m.
- Suitable for monitor screens.
- Rotation upon axis X can occur from 0° to 180°.
- Rotation upon axis Z can occur up to 360°.



Part number	Material	Finish	A	B	C	Torque	Weight (g)
70-7-3622	430 stainless steel	polished	30	60	51.5	2.9 N.m (axis X) / 1.4 N.m (axis Z)	92





Stainless steel range - Hinges

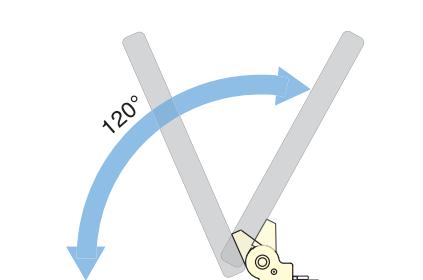
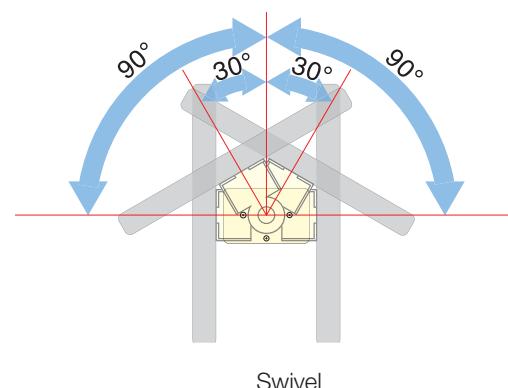
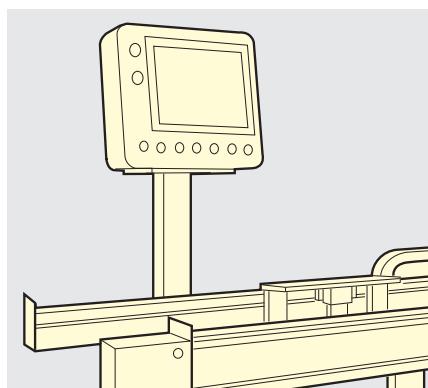
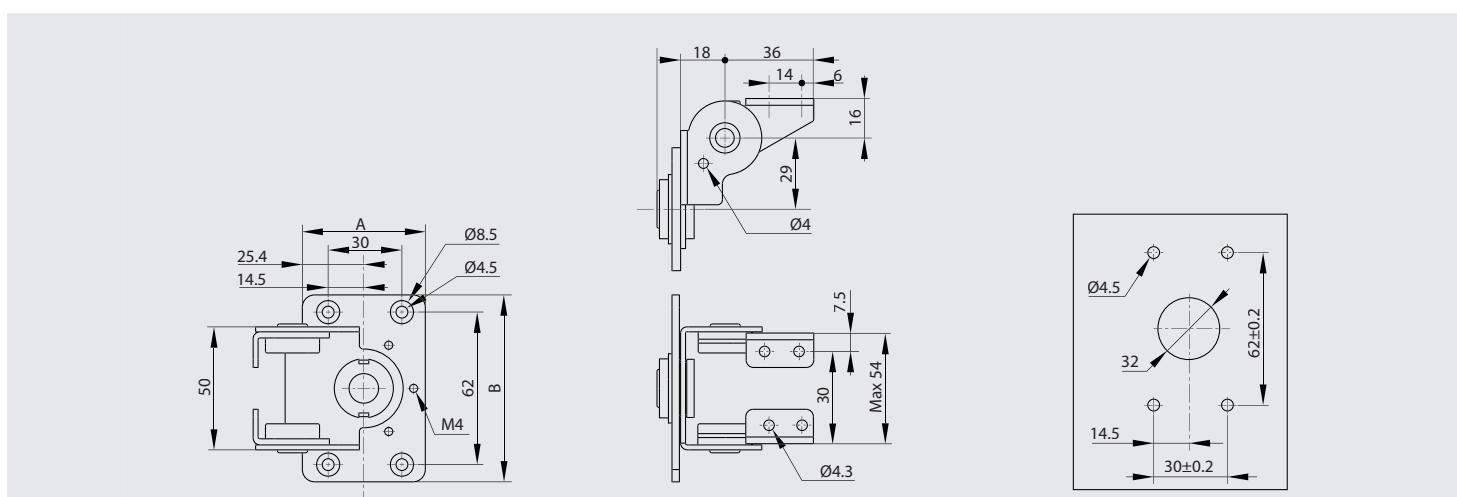
Hinges with dual function

Dual axis torque hinge - 50 x 76 mm

- Dual axis: free stop at any angle in tilt & swivel.
- Provide torque stability in both directions.
- Torque per piece (tilting): 7 N.m.
- Torque per piece (swiveling) 3 N.m.
- Suitable for monitor screens.
- Rotation upon axis X is free but can be blocked from 0° to 120° with an additional pin.
- Rotation upon axis Z is free but can be blocked at 30° or 90° with additional pins (various holes in the fixing plate).
- Electric cables can go through a hole in the middle of the fixing plate.



Part number	Material	Finish	A	B	Torque	Weight (g)
70-7-3621	430 stainless steel	polished	50	76	7 N.m (axis X) / 3 N.m (axis Z)	232





Stainless steel range - Hinges

Hinges with dual function

Swivel torque hinge - torque 2 N.m

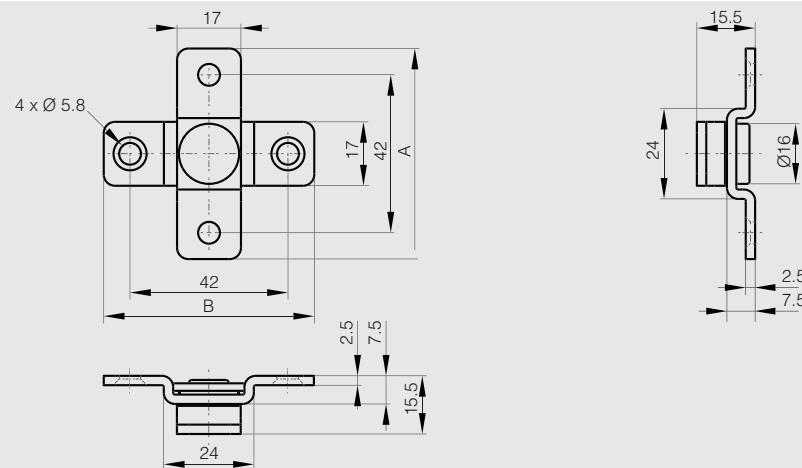
Rotation angle: 360°.

Friction torque: 2 N.m.

For indoor applications (industrial control panels and monitors).



Part number	Material	Finish	A	B	Torque	Weight (g)
NEW 70-7-3636	430 stainless steel	polished	56	56	2 N.m	49



Swivel torque hinge with hole diameter 21.5 mm - torque 5 N.m

Rotation angle: 360°.

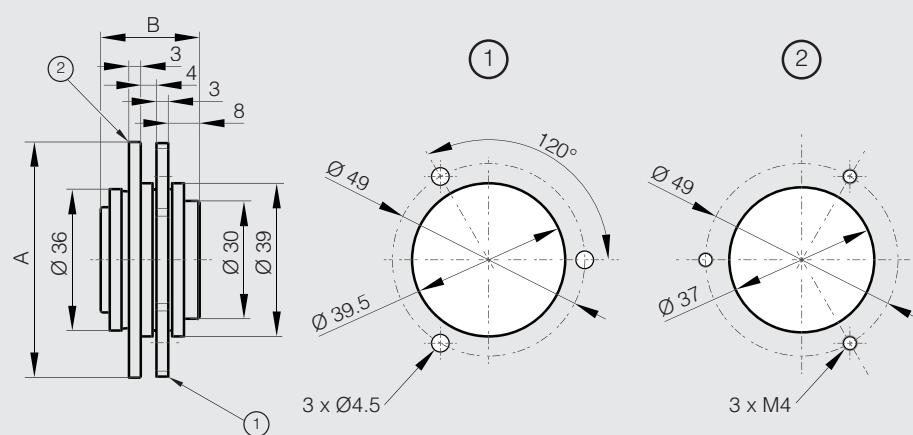
Friction torque: 5 N.m.

Center hole for easy cable management.

For indoor applications (industrial control panels and monitors).



Part number	Material	Finish	A	B	Torque	Weight (g)
NEW 70-7-3637	430 stainless steel	polished	60	25	5 N.m	174





Stainless steel range - Hinges

Hinges with dual function

Swivel torque hinge with hole diameter 34 mm - torque 7 N.m

Rotation angle: 360°.

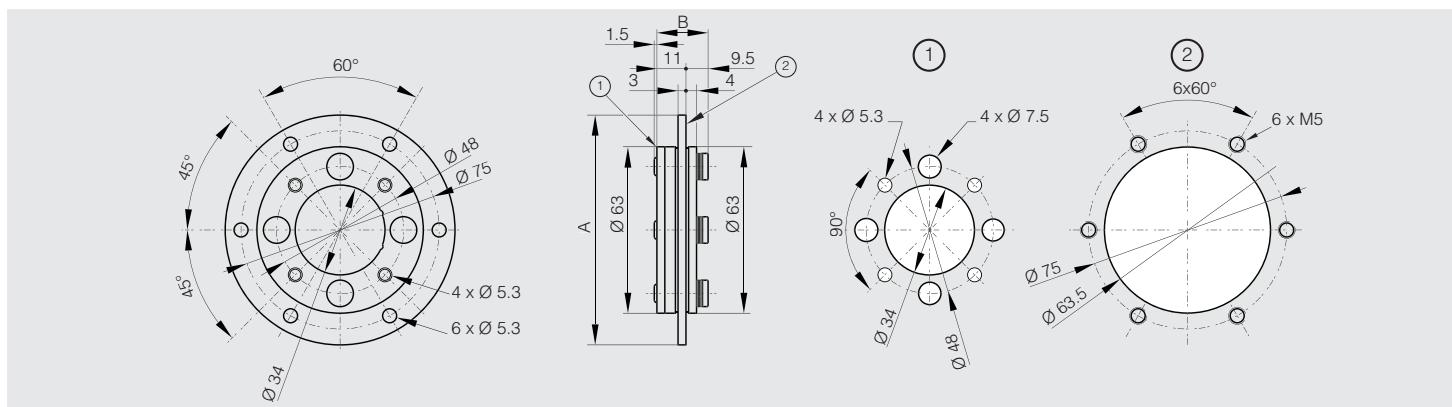
Friction torque: 7 N.m.

Center hole for easy cable management.

For indoor applications (industrial control panels and monitors).



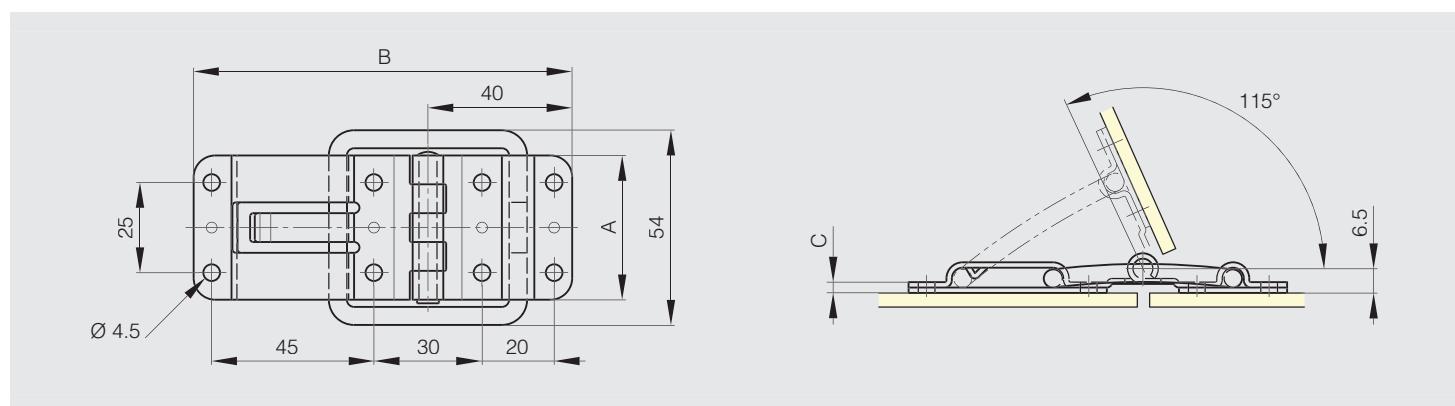
Part number	Material	Finish	A	B	Torque	Weight (g)
NEW 70-7-3638	430 stainless steel	polished	87	20.5	7 N.m	282



Hinge with stop at 115°



Part number	Material	Finish	A	B	C	Weight (g)
52-7-3960	304 stainless steel	polished	40	105	3	122





Stainless steel range - Hinges

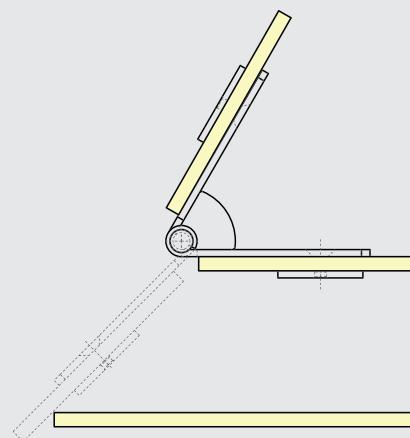
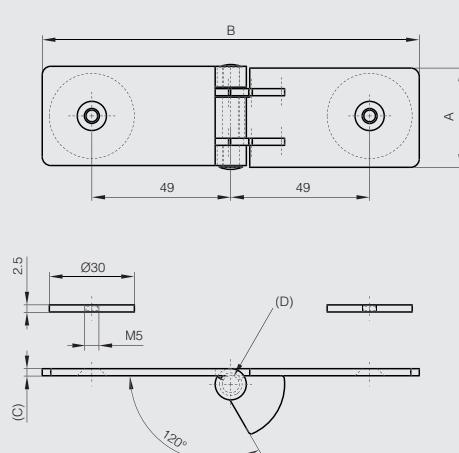
Hinges with dual function

Hinge with stop at 60°

Suitable for mounting on glass doors.
For horizontal application.



Part number	Material	Finish	A	B	C	D	Weight (g)
52-1-3840	304 stainless steel	brightened	35	133	2.5	6	140





Stainless steel range - Hinges

Hinges with dual function

Soft-close dampening hinge in stainless steel

- Soft-close dampening hinge: soft-close damper keeps lid from slamming shut when the hinge is put in the closed position.

- Damper working direction: shown by the arrow in the drawing.

- Operating angle: 115°.

- If the opening angle is wider than 115° (+/- 5°), mechanism is broken and damper doesn't work anymore.

- Provide a door stopper to prevent from overturning beyond the prescribed angle range.

- Do not force the door to close faster in damper effective direction. It can cause damage to the product.

- When the door opening angle is small, the dampers may not work smoothly.

- Torque moment (for one hinge): 2.2 to 3.0 N.m.

- Torque calculation:

- L = door height in metre.

- W = door weight in kilo.

- Operating temperature: 0 to + 40°C.

- Soft close of a door (vertical application): door closing system.

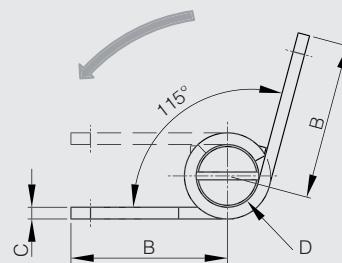
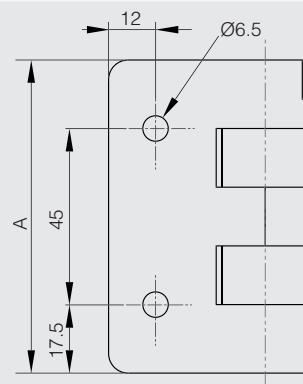
A similar hinge with a spring can be used: put together with a dampening hinge, an automatic soft close of a door is possible without any other component.

Please ask us for more information.

115° STAINLESS STEEL



Part number	Material	Finish	A	B	C	D	Torque	Note	Weight (g)
75-1-0003	304 stainless steel	raw	80	40	3	16	2.2 - 3.0 N.m	Damper working direction when closing the hinge	300





Stainless steel range - Hinges

Heavy duty hinges

Forged hinges - 3 knuckles

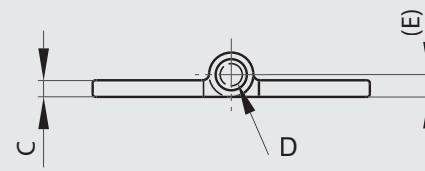
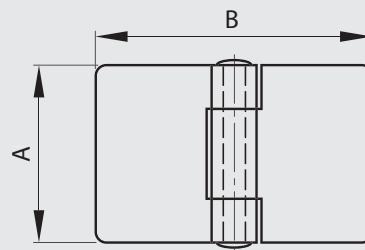
Riveted pin.

Other dimensions or variants are available on request.

304 stainless steel pin for 304 stainless steel hinges.



Part number	Material	Finish	A	B	C	D	E	Note	Weight (g)
72-1-3990	304 stainless steel	raw	50	50	3	4	4	4 MR (railway code)	71
NEW 72-1-4186	304 stainless steel	raw	50	80	3	4	4	6 MR (railway code)	112
72-1-4187	304 stainless steel	raw	50	80	5	6	6	9 MR (railway code)	182



Forged hinges with reversed leaves - 3 knuckles

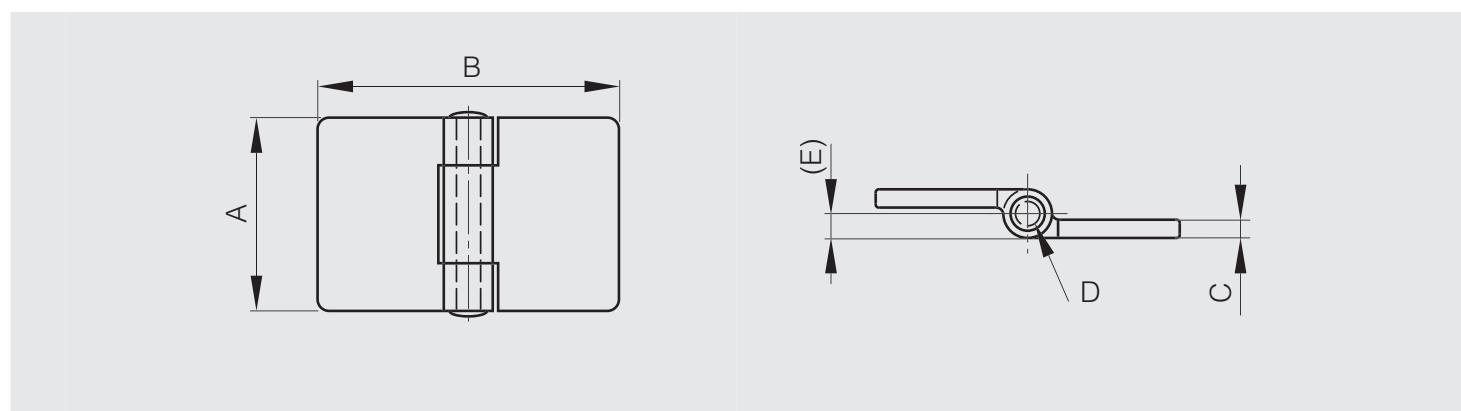
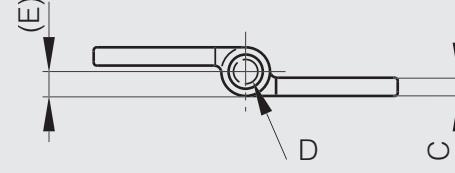
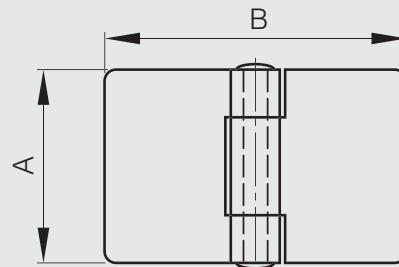
Riveted pin.

Other dimensions or variants are available on request.

304 stainless steel pin for 304 stainless steel hinges.



Part number	Material	Finish	A	B	C	D	E	Note	Weight (g)
72-1-3992	304 stainless steel	raw	50	50	3	4	4	20 MR (railway code)	71
72-1-3993	304 stainless steel	raw	50	80	3	4	4	22 MR (railway code)	112





Stainless steel range - Hinges

Heavy duty hinges

Forged hinges - 5 knuckles

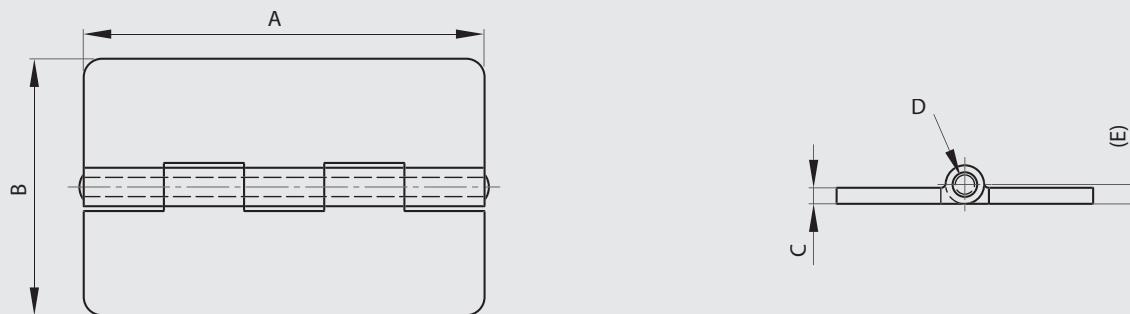
Riveted pin: (except part number: 72-1-4288 with a removal pin).

Other dimensions or variants are available on request.

304 stainless steel pin for 304 stainless steel hinges.



Part number	Material	Finish	A	B	C	D	E	Note	Weight (g)
NEW 72-1-4290	304 stainless steel	raw	60	60	6	6	6		283
72-1-3991	304 stainless steel	raw	80	80	5	6	6	1 FR (railway code)	283
NEW 72-1-4279	304 stainless steel	raw	80	130	5	6	6	3 FR (railway code)	436
NEW 72-1-4288	304 stainless steel	raw	80	130	5	6	6	Removable pin	436

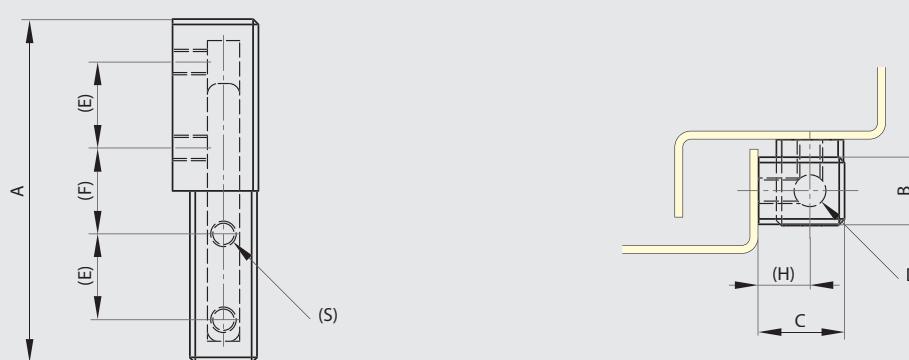


Heavy duty pin hinges

With chamfered edges.



Part number	Material	Finish	A	B	C	D	E	F	H	S	Weight (g)
12-7-3810	303 stainless steel	brushed	64	13	16	6	16	16	9.5	M5x6	90
12-7-3811	303 stainless steel	brushed	76	13	19	6	19	18	13	M6x7.5	130





Stainless steel range - Hinges

Heavy duty hinges

Half leaves for Modulo hinges - thickness 3 mm

Leaves can be combined together and with either:

- a 6 mm diameter expanded pin (BG) (part numbers 27-1-3820, 27-1-3823),
- a 6 mm pin in POM (part number 27-1-3938),
- a 6 mm diameter headed pin (BT) (part numbers 27-1-3826, 27-1-3829) with a plug (part numbers 27-1-3832, 27-1-3835).



Part number	Material	Finish	A	B	C	D	Weight (g)
52-1-3771	304 stainless steel	deburred	80	30	3	6	74
52-1-3772	304 stainless steel	deburred	80	40	3	6	92.5
52-1-3773	304 stainless steel	deburred	80	50	3	6	111.4
52-1-3774	304 stainless steel	deburred	80	60	3	6	130.2
52-1-3775	304 stainless steel	deburred	80	80	3	6	168

Half leaves for Modulo hinges - thickness 4 mm

Leaves can be combined together and with either:

- a 8 mm diameter expanded pin (BG) (part numbers 27-1-3821, 27-1-3824),
- a 8 mm diameter headed pin (BT) (part numbers 27-1-3827, 27-1-3830) with a plug (part numbers 27-1-3833, 27-1-3836).



Part number	Material	Finish	A	B	C	D	Weight (g)
52-1-3776	304 stainless steel	deburred	100	30	4	8	131
52-1-3777	304 stainless steel	deburred	100	40	4	8	162.5
52-1-3778	304 stainless steel	deburred	100	50	4	8	194
52-1-3779	304 stainless steel	deburred	100	60	4	8	225.3
52-1-3780	304 stainless steel	deburred	100	80	4	8	288

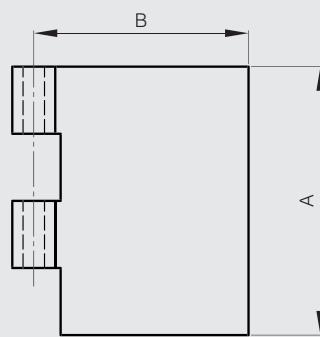
Half leaves for Modulo hinges - thickness 5 mm

Leaves can be combined together and with either:

- a 10 mm diameter expanded pin (BG) (part numbers 27-1-3822, 27-1-3825),
- a 10 mm diameter headed pin (BT) (part numbers 27-1-3828, 27-1-3831) with a plug (part numbers 27-1-3834, 27-1-3837).



Part number	Material	Finish	A	B	C	D	Weight (g)
52-1-3781	304 stainless steel	deburred	120	30	5	10	211
52-1-3782	304 stainless steel	deburred	120	40	5	10	258
52-1-3783	304 stainless steel	deburred	120	50	5	10	305.2
52-1-3784	304 stainless steel	deburred	120	60	5	10	352.3
52-1-3785	304 stainless steel	deburred	120	80	5	10	446.5





Stainless steel range - Hinges

Heavy duty hinges

Half leaves for Modulo pin hinges - thickness 3 mm

Leaves can be combined together and with either:

- a 6 mm diameter expanded pin (BG) (part numbers 27-1-3820, 27-1-3823),
- a 6 mm pin in POM (part number 27-1-3938),
- a 6 mm diameter headed pin (BT) (part numbers 27-1-3826, 27-1-3829) with a plug (part numbers 27-1-3832, 27-1-3835).



Part number	Material	Finish	A	B	C	D	Weight (g)
12-1-3869	304 stainless steel	deburred	40	30	3	6	36.9
12-1-3870	304 stainless steel	deburred	40	50	3	6	55.7
12-1-3871	304 stainless steel	deburred	40	80	3	6	84
12-1-3942	304 stainless steel	deburred	40	20	3	6	24.6
12-1-3944	304 stainless steel	deburred	40	120	3	6	126

Half leaves for Modulo pin hinges - thickness 4 mm

Leaves can be combined together and with either:

- a 8 mm diameter expanded pin (BG) (part numbers 27-1-3821, 27-1-3824),
- a 8 mm diameter headed pin (BT) (part numbers 27-1-3827, 27-1-3830) with a plug (part numbers 27-1-3833, 27-1-3836).



Part number	Material	Finish	A	B	C	D	Weight (g)
12-1-3875	304 stainless steel	deburred	50	30	4	8	65.6
12-1-3876	304 stainless steel	deburred	50	50	4	8	97
12-1-3877	304 stainless steel	deburred	50	80	4	8	144

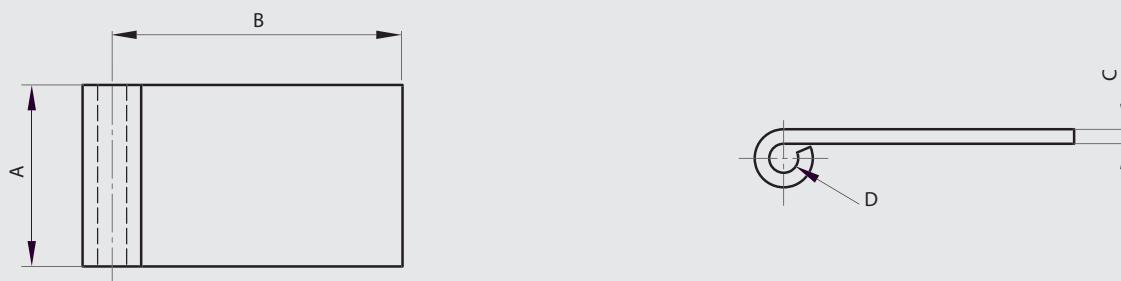
Half leaves for Modulo pin hinges - thickness 5 mm

Leaves can be combined together and with either:

- a 10 mm diameter expanded pin (BG) (part numbers 27-1-3822, 27-1-3825),
- a 10 mm diameter headed pin (BT) (part numbers 27-1-3828, 27-1-3831) with a plug (part numbers 27-1-3834, 27-1-3837).



Part number	Material	Finish	A	B	C	D	Weight (g)
12-1-3881	304 stainless steel	deburred	60	40	5	10	129
12-1-3882	304 stainless steel	deburred	60	60	5	10	176.2
12-1-3883	304 stainless steel	deburred	60	80	5	10	224





Stainless steel range - Hinges

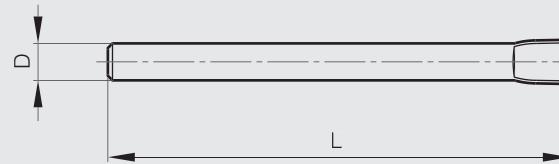
Heavy duty hinges

Expanded pin BG for Modulo system

This pin alone enables you to make a hinge pin for Modulo hinges.



Part number	Material	Finish	D	L	Weight (g)
27-1-3823	304 stainless steel	raw	6	80	17.7
27-1-3824	304 stainless steel	raw	8	100	39.4
27-1-3825	304 stainless steel	raw	10	120	74


BG

Broche Gonflée
Expanded pin
Gestauchter Stift

Headed pin BT for Modulo system

This pin combined with a plug (VA) enables you to make a hinge pin for Modulo hinges.



Part number	Material	Finish	D	E	L	Weight (g)
27-1-3829	304 stainless steel	raw	6	3	66	15.5
27-1-3830	304 stainless steel	raw	8	4	86	35.5
27-1-3831	304 stainless steel	raw	10	5	106	68.4

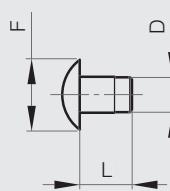


Plug (VA) for Modulo system

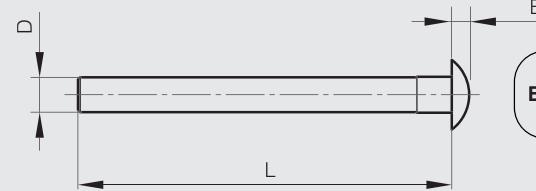
This plug combined with a headed pin (BT) enables you to make a hinge pin for Modulo hinges.



Part number	Material	Finish	D	F	L	Weight (g)
27-1-3835	304 stainless steel	raw	6	12	12	3.3
27-1-3836	304 stainless steel	raw	8	16	12	6.3
27-1-3837	304 stainless steel	raw	10	20	12	10.5


VA

VAsse
Plug
Stopfen


BT

Broche à Tête
Headed pin
Stift mit Kopf



Stainless steel range - Hinges

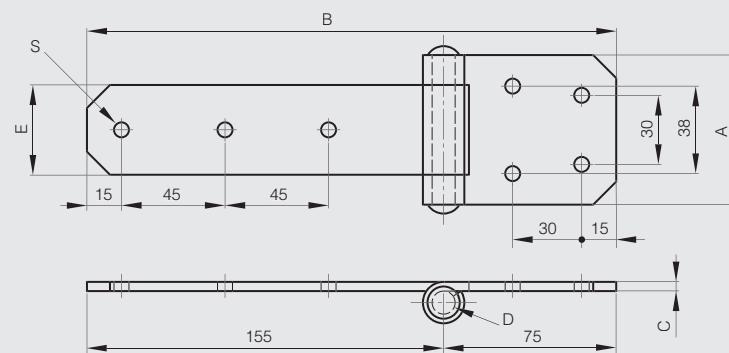
Heavy duty hinges

Heavy duty hinges - 65 x 230 mm

Riveted pin.



Part number	Material	Finish	A	B	C	D	E	S	Note	Weight (g)
52-1-3553	304 stainless steel	brightened	65	230	4	10	39	6.5	drilled	430
52-1-3593	304 stainless steel	brightened	65	230	4	10	39		undrilled	450

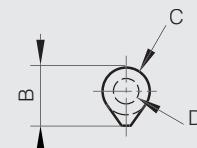


Flat top weld-on stainless steel hinges - stainless steel pin - brass washer

Fixed pin and washer.



Part number	Material	Finish	A	B	C	D	Weight (g)
14-7-3693	304 stainless steel	raw	60	12	10	6	40
14-7-3696	304 stainless steel	raw	80	16	13	7	90
14-7-3697	304 stainless steel	raw	100	20	16	9	115
14-7-3698	304 stainless steel	raw	120	20	16	9	135





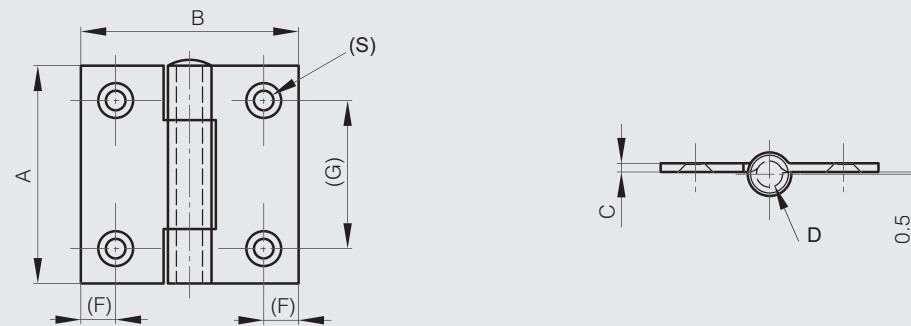
Common hinges

Square hinges with two offset leaves and removable pin - with 4 holes

Removable pin.



Part number	Material	Finish	A	B	C	D	F	G	S	Weight (g)
52-1-3608	304 stainless steel	raw	40	40	2	4	8	24	4	34
52-1-3610	304 stainless steel	raw	50	50	2	6	8	34	4.5	61
52-1-3612	304 stainless steel	raw	60	60	2	6	8	40	4.5	82

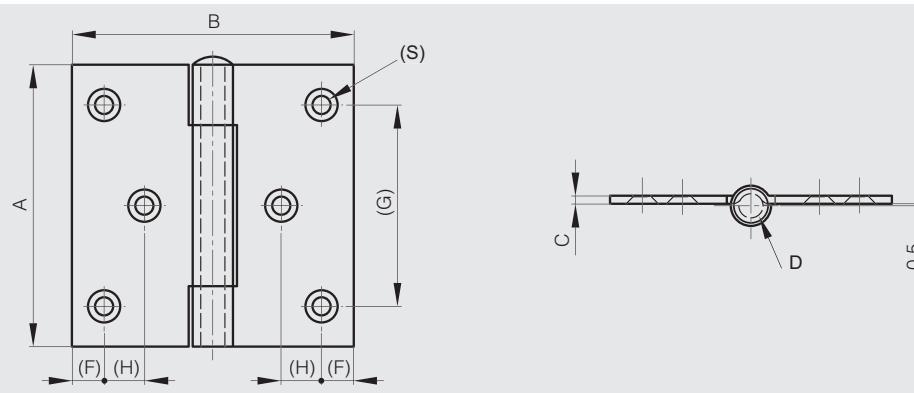


Square hinges with two offset leaves and removable pin - with 6 holes

Removable pin.



Part number	Material	Finish	A	B	C	D	F	G	H	S	Weight (g)
52-1-3614	304 stainless steel	raw	70	70	2	6	8	50	10	4.5	156
52-1-3616	304 stainless steel	raw	80	80	2.5	6	8	60	12.5	4.5	164





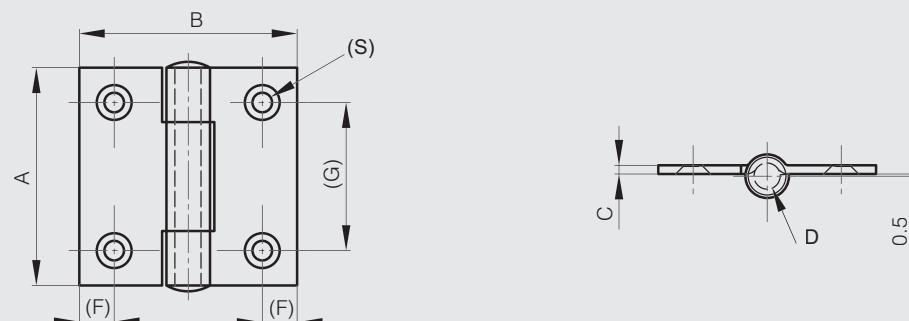
Common hinges

Square hinges with two offset leaves and riveted pin - with 4 holes

Riveted pin.

270° STAINLESS STEEL

Part number	Material	Finish	A	B	C	D	F	G	S	Weight (g)
52-1-3609	304 stainless steel	raw	40	40	2	4	8	24	4	34
52-1-3611	304 stainless steel	raw	50	50	2	6	8	34	4.5	61
52-1-3613	304 stainless steel	raw	60	60	2	6	8	40	4.5	82
52-1-3872	316L stainless steel	raw	40	40	2	4	8	24	4	34
52-1-3709	316L stainless steel	raw	50	50	2	6	8	34	4.5	61
52-1-3873	316L stainless steel	raw	60	60	2	6	8	40	4.5	82

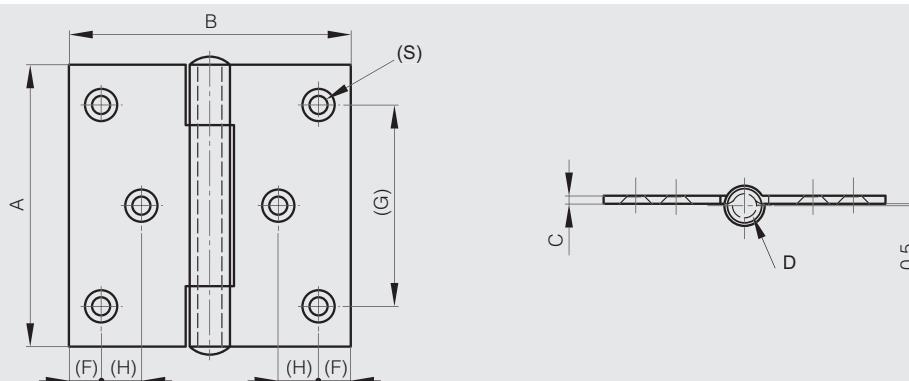


Square hinges with two offset leaves and riveted pin - with 6 holes

Riveted pin.

270° STAINLESS STEEL

Part number	Material	Finish	A	B	C	D	F	G	H	S	Weight (g)
52-1-3615	304 stainless steel	raw	70	70	2	6	8	50	10	4.5	156
52-1-3617	304 stainless steel	raw	80	80	2.5	6	8	60	12.5	4.5	164





Stainless steel range - Hinges

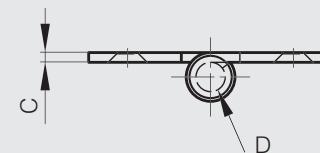
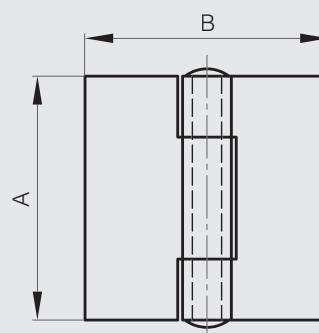
Common hinges

Square hinges with no offset leaf and riveted pin - no holes

Riveted pin.



Part number	Material	Finish	A	B	C	D	Weight (g)
52-1-3679	304 stainless steel	raw	40	40	2	4	34
52-1-3694	304 stainless steel	raw	50	50	2	6	61
52-1-3695	304 stainless steel	raw	60	60	2	6	82
52-1-3864	304 stainless steel	raw	70	70	2	6	112
52-1-3865	304 stainless steel	raw	80	80	2.5	6	168
52-1-3866	304 stainless steel	raw	100	100	2.5	6	248
52-1-3869	316L stainless steel	raw	40	40	2	4	34
52-1-3870	316L stainless steel	raw	50	50	2	6	61
52-1-3871	316L stainless steel	raw	60	60	2	6	82

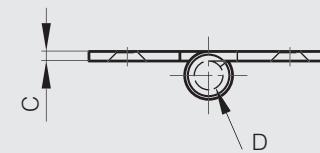
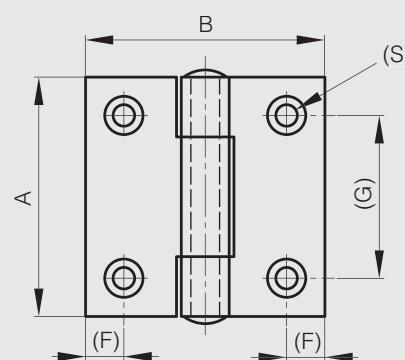


Square hinges with no offset leaf and riveted pin - with 4 holes

Riveted pin.



Part number	Material	Finish	A	B	C	D	F	G	S	Weight (g)
52-1-3861	304 stainless steel	raw	40	40	2	4	8	24	4	32
52-1-3862	304 stainless steel	raw	50	50	2	6	8	34	4.5	59
52-1-3863	304 stainless steel	raw	60	60	2	6	8	40	4.5	80
52-1-3874	316L stainless steel	raw	40	40	2	4	8	24	4	32
52-1-3710	316L stainless steel	raw	50	50	2	6	8	34	4.5	59
52-1-3875	316L stainless steel	raw	60	60	2	6	8	40	4.5	80





Stainless steel range - Hinges

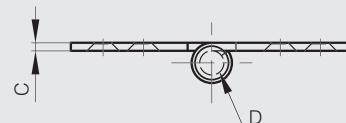
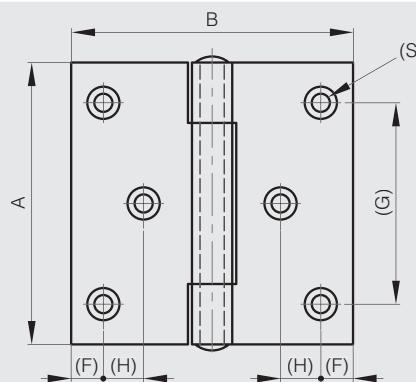
Common hinges

Square hinges with no offset leaf and riveted pin - with 6 holes

Riveted pin.



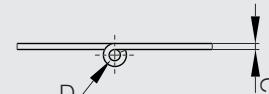
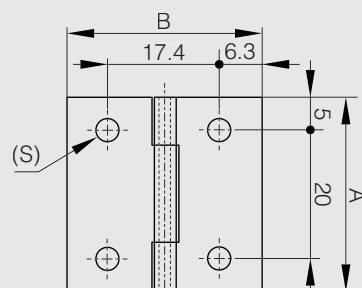
Part number	Material	Finish	A	B	C	D	F	G	H	S	Weight (g)
52-1-3867	304 stainless steel	raw	70	70	2	6	8	50	10	4.5	110
52-1-3868	304 stainless steel	raw	80	80	2.5	6	8	60	12.5	4.5	166



Hinge 30 x 30 mm



Part number	Material	Finish	A	B	C	D	S	Weight (g)
52-1-4038	304 stainless steel	raw	30	30	0.8	2	3.3	8





Stainless steel range - Hinges

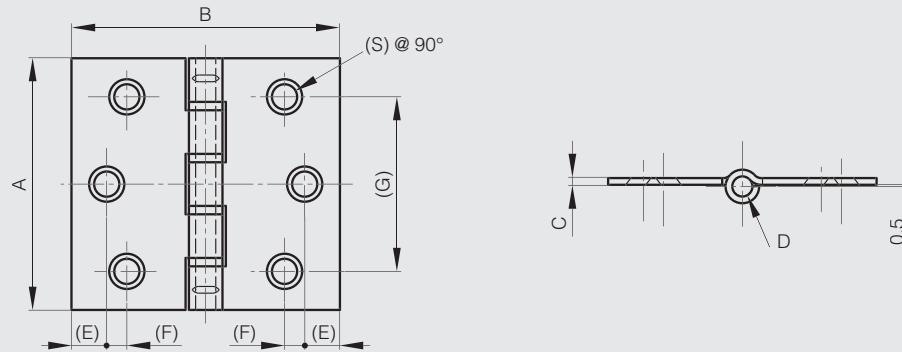
Common hinges

Hinge with nylon washers

Teflon plated pin in 304 stainless steel blocked with 2 punches.
4 nylon washers.



Part number	Material	Finish	A	B	C	D	E	F	G	S	Weight (g)
52-1-3790	304 stainless steel	raw	75	80	2	6	10.5	6	52	7.5	120

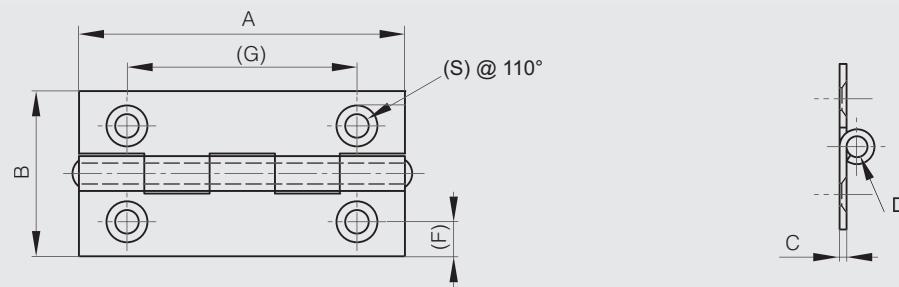


Hinge 50 x 30 mm

Drilled hinge with riveted pin.



Part number	Material	Finish	A	B	C	D	F	G	S	Weight (g)
52-1-3571	304 stainless steel	raw	50	30	1	3	6.5	35	3.5	16





Stainless steel range - Hinges

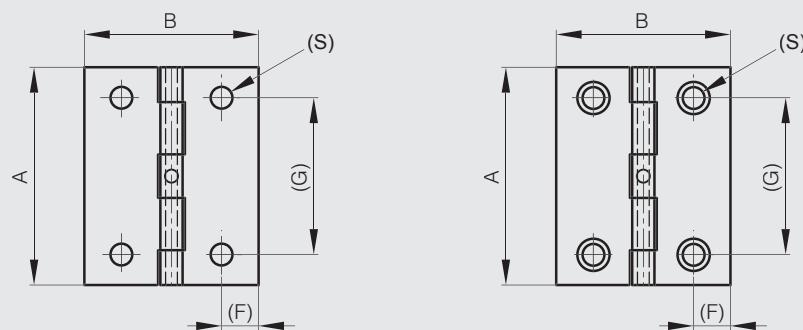
Common hinges

Hinges 50 x 40 mm

Available in 2 versions: with holes or countersunk holes



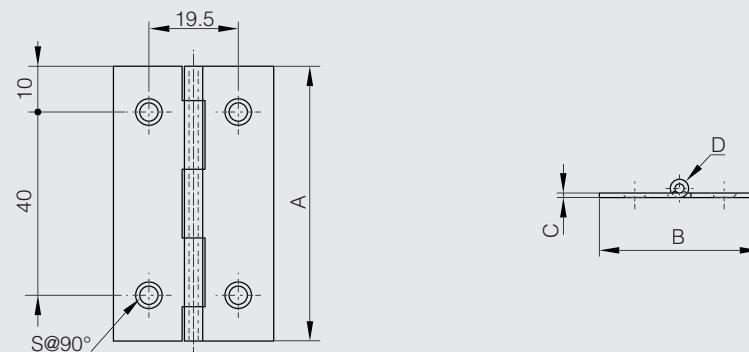
Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
52-1-3592	304 stainless steel	raw	50	40	1.2	3	8.5	36	5	countersunk version	24
52-1-3607	304 stainless steel	raw	50	40	1.2	3	8.5	36	5	drilled	24



Hinges 60 x 35 mm



Part number	Material	Finish	A	B	C	D	S	Note	Weight (g)
52-1-4009	304 stainless steel	raw	60	35	1	2	4	countersunk version	20
52-1-4051	304 stainless steel	raw	60	35	1	2	4	drilled	20





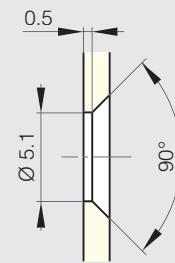
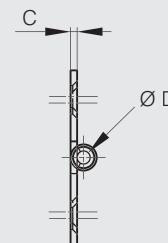
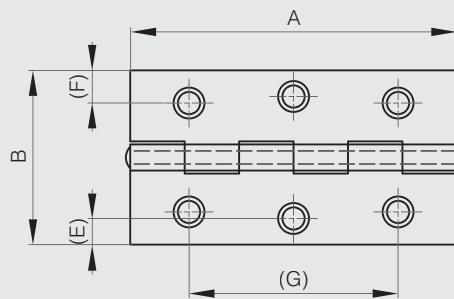
Stainless steel range - Hinges

Common hinges

Hinge 75 x 40 mm



Part number	Material	Finish	A	B	C	D	E	F	G	Weight (g)
52-1-3990	304 stainless steel	raw	75	40	1.5	3	6	7.5	48	40

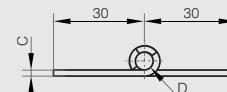
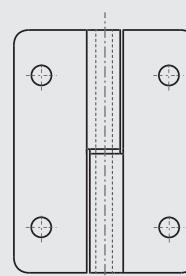
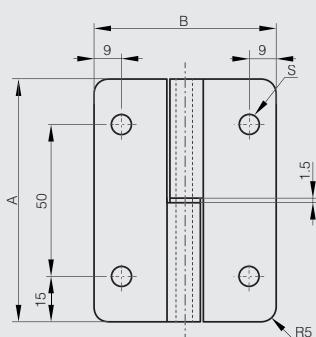


Lift-off hinges 80 x 60 mm - stainless steel

Pin and washer in stainless steel.



Part number	Material	Finish	A	B	C	D	S	Note	Weight (g)
14-1-3872	304 stainless steel	raw	80	60	2	6	6.3	type 1	115
14-1-3873	304 stainless steel	raw	80	60	2	6	6.3	type 2	115



14-1-3872

14-1-3873



Stainless steel range - Hinges

Common hinges

Lift-off hinges 80 x 80 mm - stainless steel with 6 holes

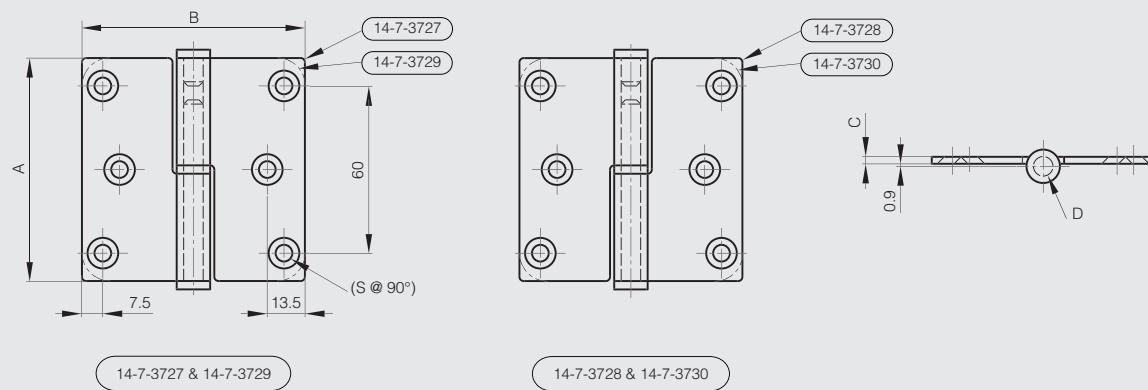
2 shapes available:

- Shape with square ends (14-7-3727 and 14-7-3728).
- Shape with round ends (14-7-3729 and 14-7-3730).

Only the visible side has a brushed finish.



Part number	Material	Finish	A	B	C	D	S	Note	Weight (g)
14-7-3727	304 stainless steel	brushed	80	80	2.5	7	5.2	type 1 / square corners	175
14-7-3728	304 stainless steel	brushed	80	80	2.5	7	5.2	type 2 / square corners	175
14-7-3729	304 stainless steel	brushed	80	80	2.5	7	5.2	type 1 / round corners	175
14-7-3730	304 stainless steel	brushed	80	80	2.5	7	5.2	type 2 / round corners	175



Lift-off hinges 100 x 82 mm - stainless steel with 8 holes

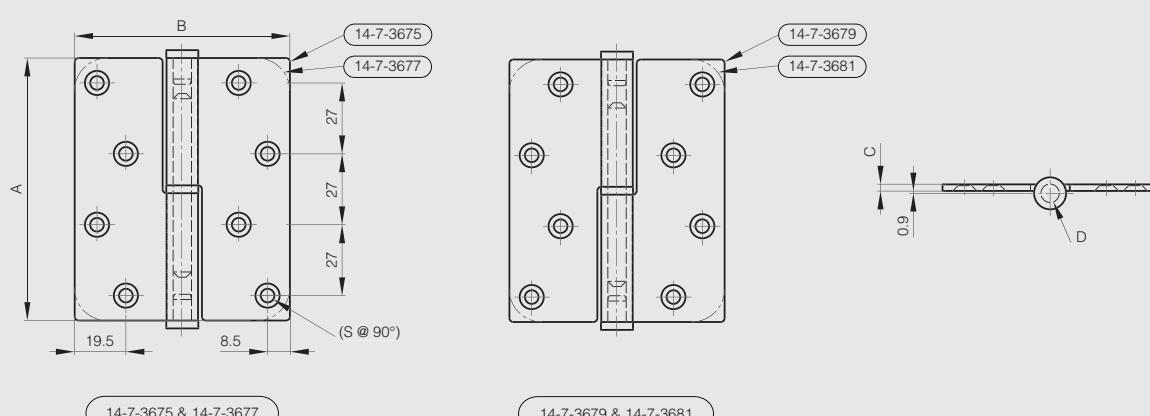
2 shapes available:

- Shape with square ends (14-7-3675 and 14-7-3679).
- Shape with round ends (14-7-3677 and 14-7-3681).

Only the visible side has a brushed finish.



Part number	Material	Finish	A	B	C	D	S	Note	Weight (g)
14-7-3675	304 stainless steel	brushed	100	82	2.5	7	4.7	type 1 / square corners	220
14-7-3677	304 stainless steel	brushed	100	82	2.5	7	4.7	type 1 / round corners	220
14-7-3679	304 stainless steel	brushed	100	82	2.5	7	4.7	type 2 / square corners	220
14-7-3681	304 stainless steel	brushed	100	82	2.5	7	4.7	type 2 / round corners	220





Stainless steel range - Hinges

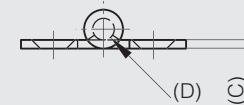
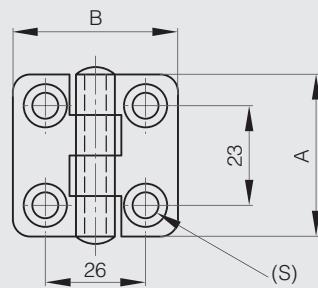
Various hinges

Hinge for marine applications - 36.5 x 38 mm

Riveted pin.



Part number	Material	Finish	A	B	C	D	S	Weight (g)
52-1-3945	316 stainless steel	polished	36.5	38	2	5	6	32

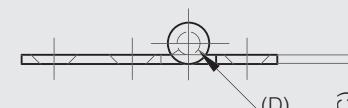
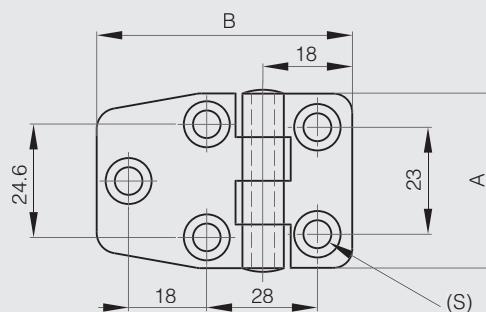


Hinge for marine applications - 36.5 x 56.5 mm

Riveted pin.



Part number	Material	Finish	A	B	C	D	S	Weight (g)
52-1-3947	316 stainless steel	polished	36.5	56.5	2	5	6	40





Stainless steel range - Hinges

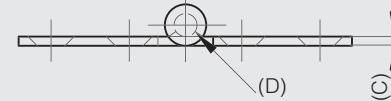
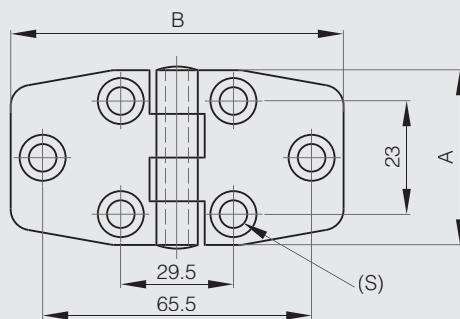
Various hinges

Hinge for marine applications - 36.5 x 76 mm

Riveted pin.



Part number	Material	Finish	A	B	C	D	S	Weight (g)
52-1-3944	316 stainless steel	polished	36.5	76	2	4	6	50

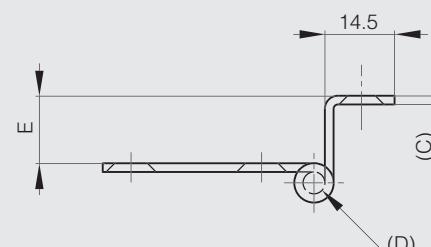
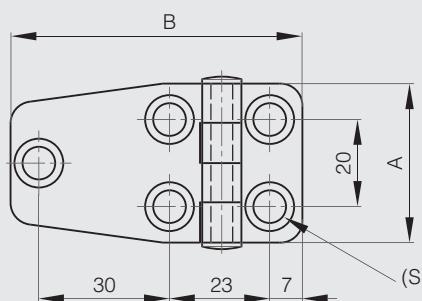


Hinges for marine applications - 36.5 x 65.5 mm

Riveted pin.



Part number	Material	Finish	A	B	C	D	E	S	Weight (g)
52-1-3950	316 stainless steel	polished	36.5	65.5	2	5	10	6	54
52-1-3949	316 stainless steel	polished	36.5	65.5	2	5	15.9	6	54
52-1-3948	316 stainless steel	polished	36.5	65.5	2	5	19.2	6	54





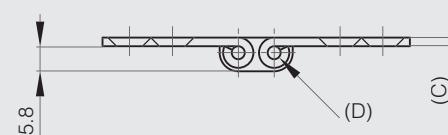
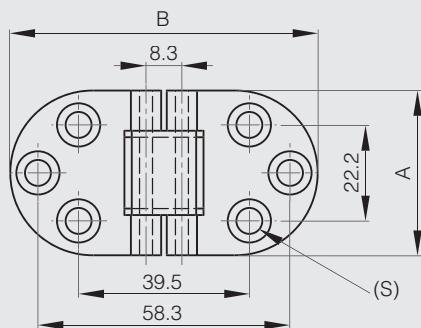
Stainless steel range - Hinges

Various hinges

Hinge for marine applications - 38.1 x 71.1 mm



Part number	Material	Finish	A	B	C	D	S	Weight (g)
52-1-3898	316 stainless steel	polished	38.1	71.1	2	3	6	42

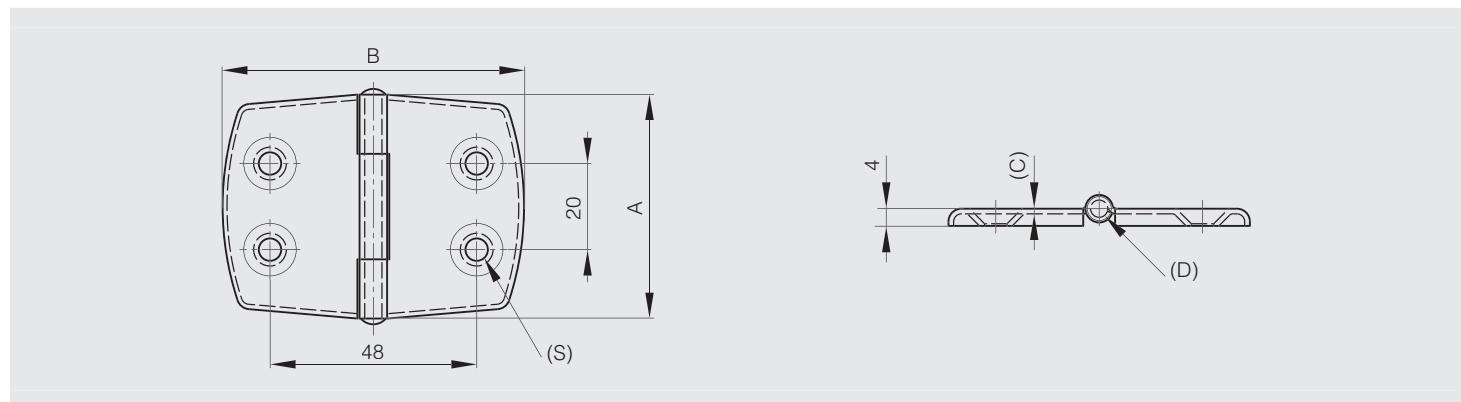
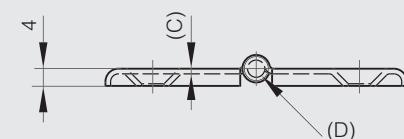
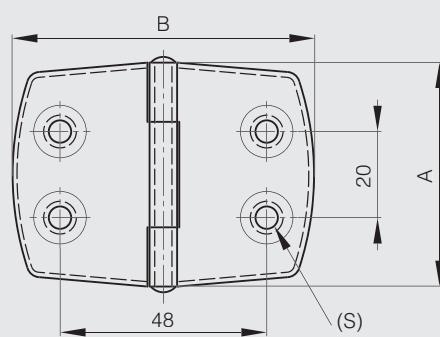


Hinge for marine applications - 52 x 70 mm



Riveted pin.

Part number	Material	Finish	A	B	C	D	S	Weight (g)
52-1-3964	316 stainless steel	brushed	52	70	1.2	4	5.2	44





Stainless steel range - Hinges

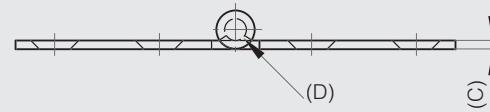
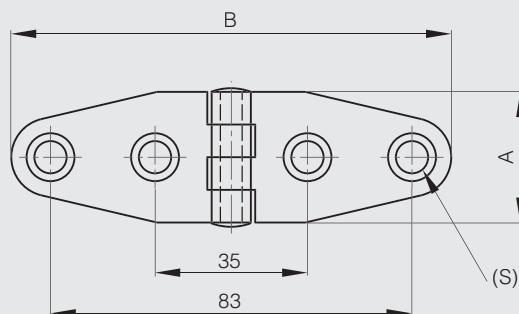
Various hinges

Hinge for marine applications - 30 x 101 mm

Riveted pin.



Part number	Material	Finish	A	B	C	D	S	Weight (g)
52-1-3954	316 stainless steel	polished	30	101	2	5	6	44

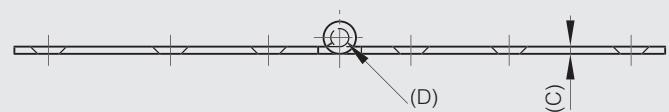
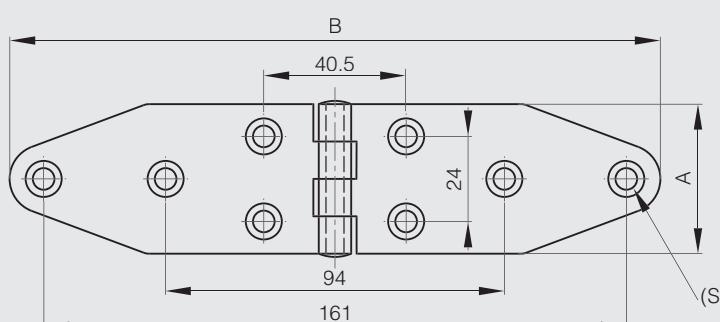


Hinge for marine applications - 38 x 178 mm

Riveted pin.



Part number	Material	Finish	A	B	C	D	S	Weight (g)
52-1-3957	316 stainless steel	polished	38	178	2	5	6	96





Stainless steel range - Hinges

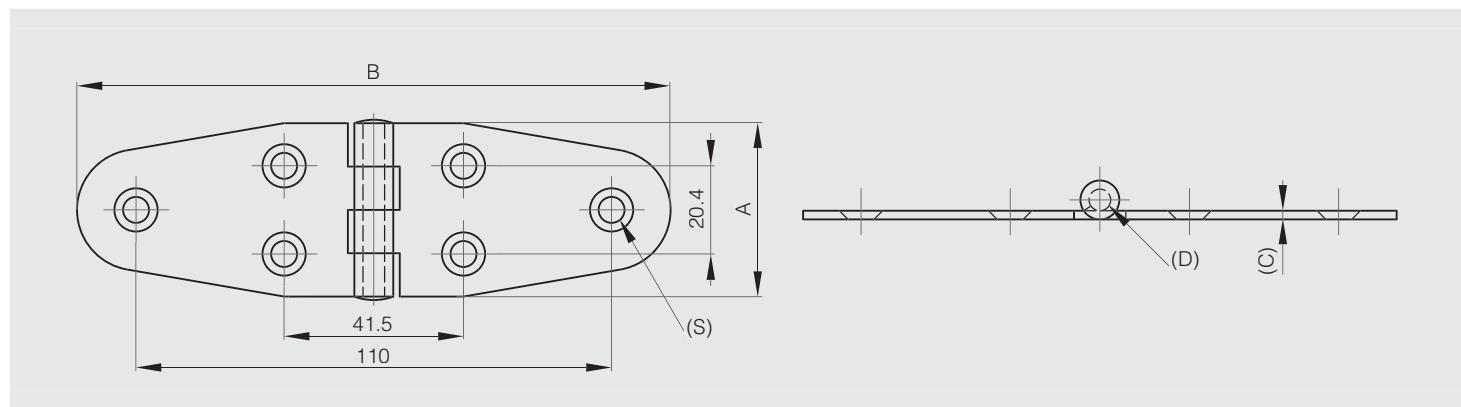
Various hinges

Hinge for marine applications - 40.1 x 137.3 mm

Riveted pin.



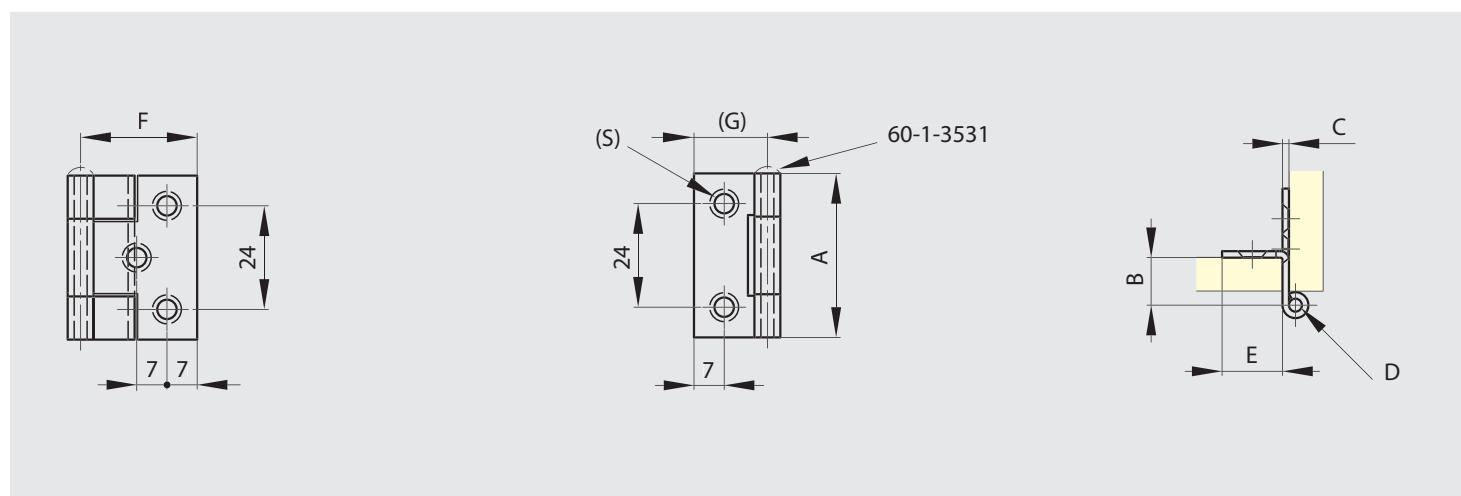
Part number	Material	Finish	A	B	C	D	S	Weight (g)
52-1-3953	316 stainless steel	polished	40.1	137.3	2	5	6	80



Small butt hinges with one cranked leaf 38 mm



Part number	Material	Finish	A	B	C	D	E	F	G	S	Pin material	Weight (g)
62-1-3628	316L stainless steel	raw	38	15	1.5	3	14	31	17	4.5	316L stainless steel	24





Stainless steel range - Hinges

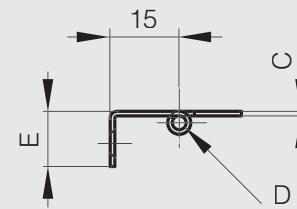
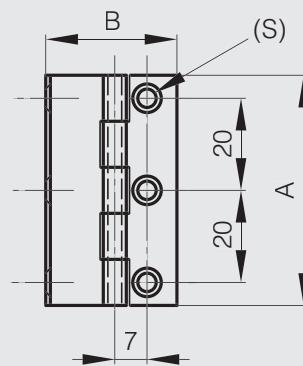
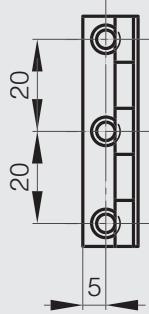
Various hinges

Small butt hinge with one cranked leaf 50 mm

304 stainless steel pin.
For door thickness max. 11 mm.



Part number	Material	Finish	A	B	C	D	E	S	Weight (g)
62-1-3300	430 stainless steel	polished	50	28.5	1	3	12	4	20

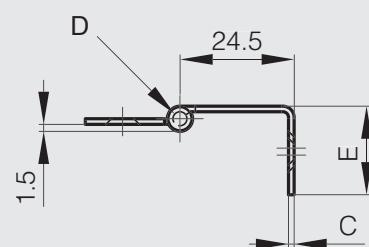
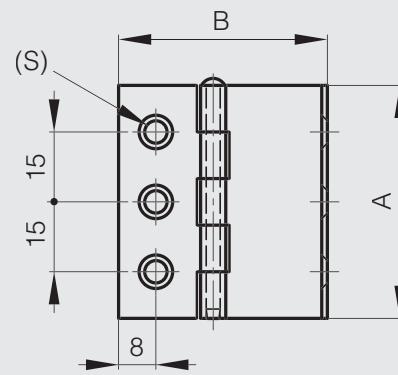
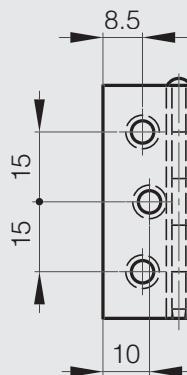


Small butt hinge with one cranked leaf and removable pin 50 mm

Removable pin.
Door thickness: max. 20 mm.



Part number	Material	Finish	A	B	C	D	E	S	Weight (g)
62-1-3301	430 stainless steel	polished	50	44.8	1.2	3	19	4.8	33





Stainless steel range - Hinges

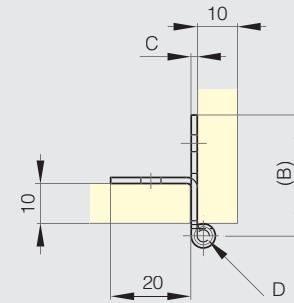
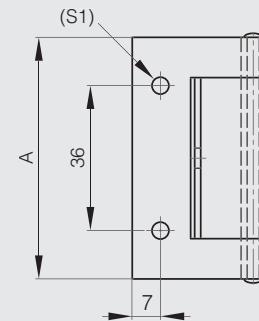
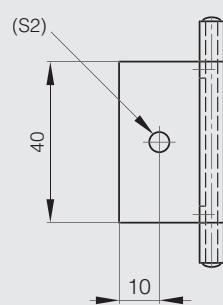
Various hinges

Small butt hinge with one cranked leaf 60 mm

The same hinge is available with a spring (part number 71-1-3622).



Part number	Material	Finish	A	B	C	D	S1	S2	Weight (g)
62-1-3625	316L stainless steel	brightened	60	30	1.5	3	4.2	5	40



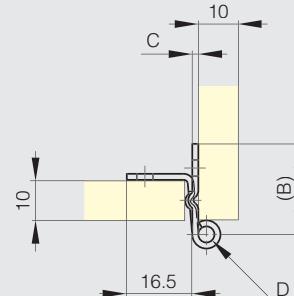
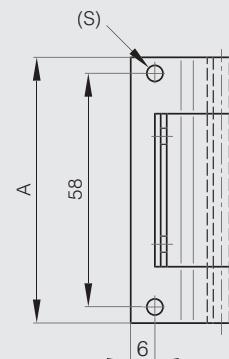
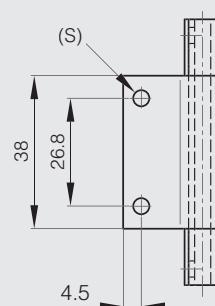
Small butt hinge with one cranked leaf 66 mm

The same hinge is available with a spring (part number 71-1-3649).

Pin in 316 stainless steel.



Part number	Material	Finish	A	B	C	D	S	Weight (g)
62-1-3637	316 stainless steel	brightened	66	22.5	1.5	4	4	310





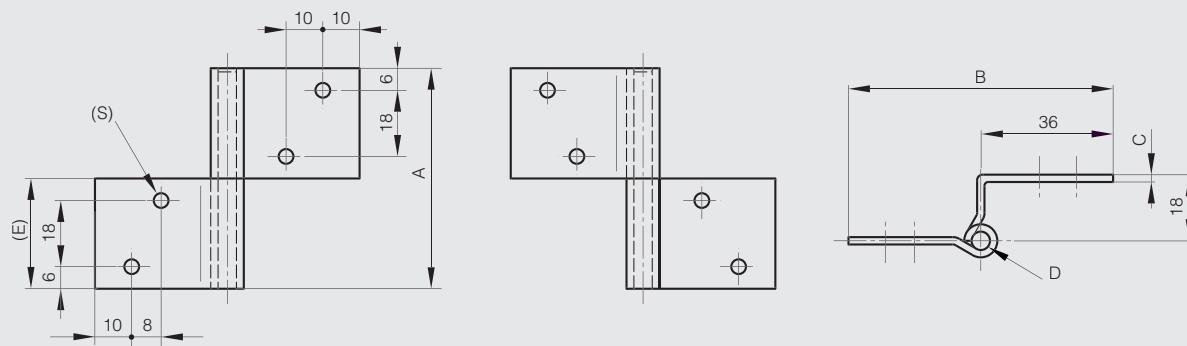
Stainless steel range - Hinges

Various hinges

Pin hinge with one cranked leaf



Part number	Material	Finish	A	B	C	D	E	S	Note	Weight (g)
12-1-3682	304 stainless steel	raw	60	72	2	5	30	4	type 2	70
12-1-3683	304 stainless steel	raw	60	72	2	5	30	4	type 1	70

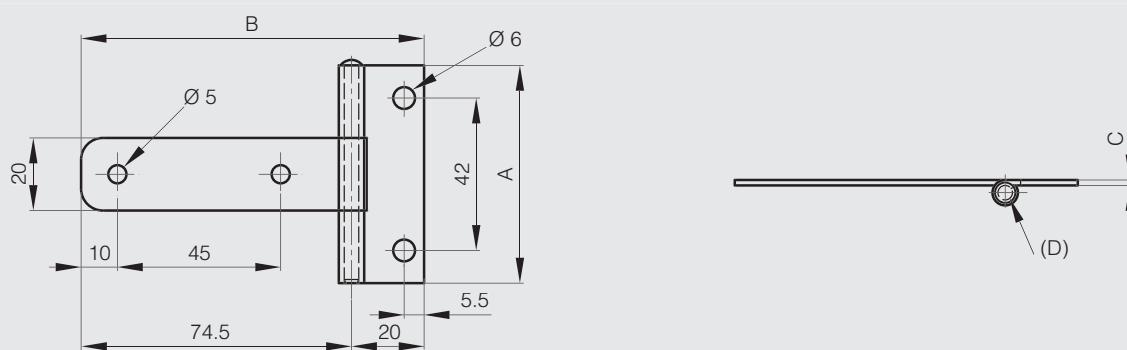


Stainless steel hinge with removable pin

Removable pin.



Part number	Material	Finish	A	B	C	D	Weight (g)
52-1-3877	304 stainless steel	brightened	60	94.5	1.5	4	50





Stainless steel range - Hinges

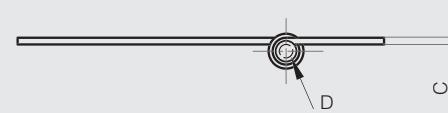
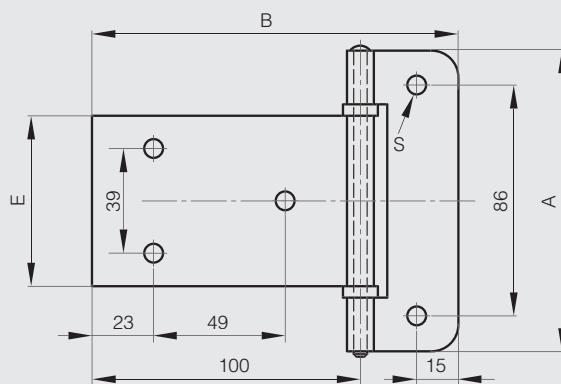
Various hinges

Removable pin hinges with nylon washers

Nylon washers.



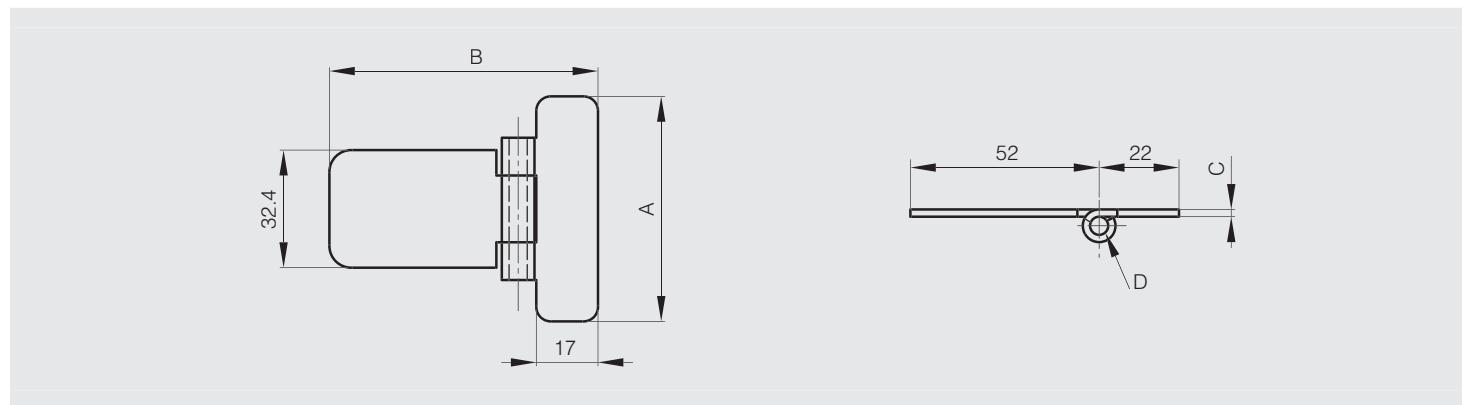
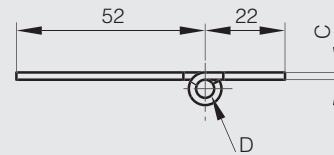
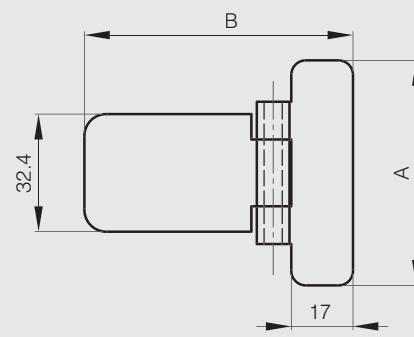
Part number	Material	Finish	A	B	C	D	E	S	Note	Weight (g)
52-1-3605	304 stainless steel	raw	112	136.5	2.5	5	63.5		undrilled	248
52-1-3606	304 stainless steel	raw	112	136.5	2.5	5	63.5	7	drilled	248



Hinges 62 x 74 mm



Part number	Material	Finish	A	B	C	D	Weight (g)
52-1-3769	304 stainless steel	raw	62	74	2	4.9	54





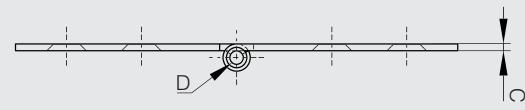
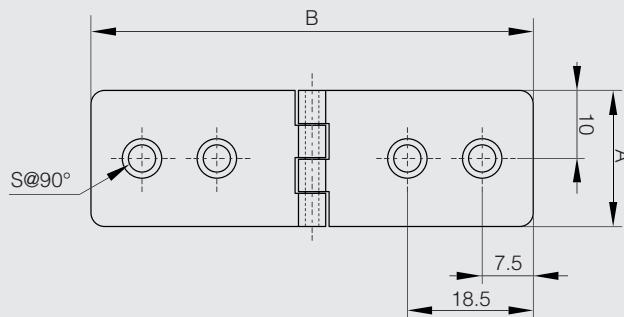
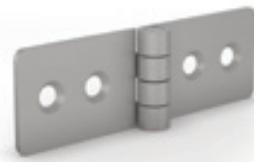
Stainless steel range - Hinges

Various hinges

Hinge 20 x 65 mm



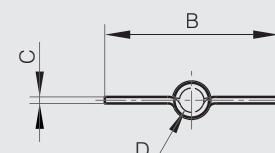
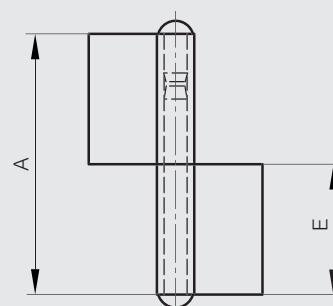
Part number	Material	Finish	A	B	C	D	S	Weight (g)
52-1-4013	304 stainless steel	raw	20	65	1	2	4	11



Flag hinge without washer with two offset leaves



Part number	Material	Finish	A	B	C	D	E	Weight (g)
12-1-3769	304 stainless steel	raw	60	40	1.5	5.3	30	38
12-1-3770	304 stainless steel	raw	80	48	2	6	40	74





Stainless steel range - Hinges

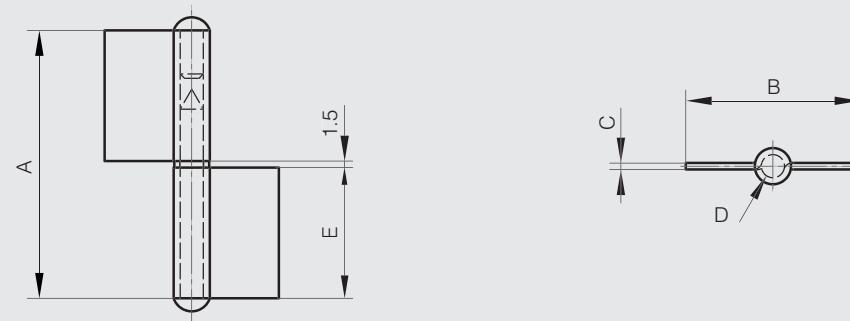
Various hinges

Flag hinge with washer with two offset leaves

Flag hinge with brass washer, included separately.



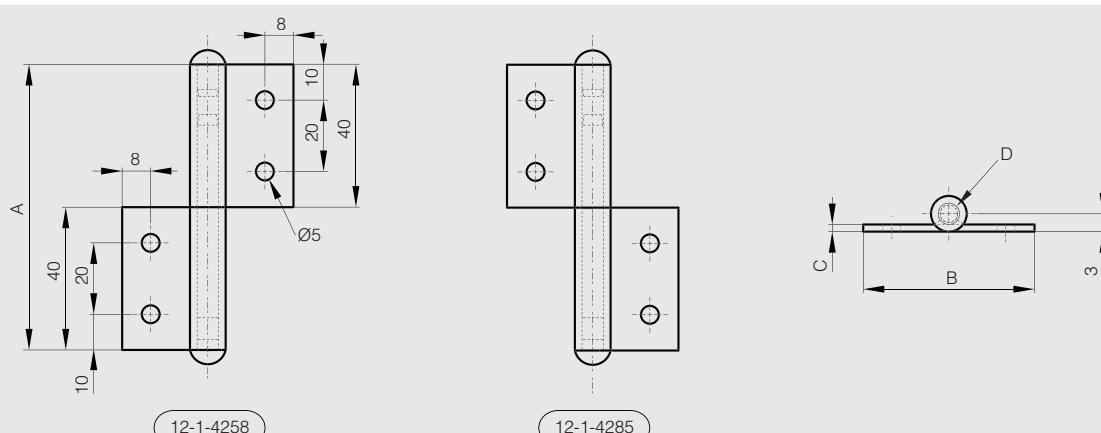
Part number	Material	Finish	A	B	C	D	E	Weight (g)
12-1-3771	304 stainless steel	raw	61.5	40	1.5	5.3	30	39
12-1-3772	304 stainless steel	raw	81.5	48	2	5.8	40	75



Flag hinge without washer - drilled - flat knuckle



Part number	Material	Finish	A	B	C	D	Note	Weight (g)
NEW 12-1-4258	304 stainless steel	raw	80	48	2	6	type 1	76
NEW 12-1-4285	304 stainless steel	raw	80	48	2	6	type 2	76





Stainless steel range - Hinges

Various hinges

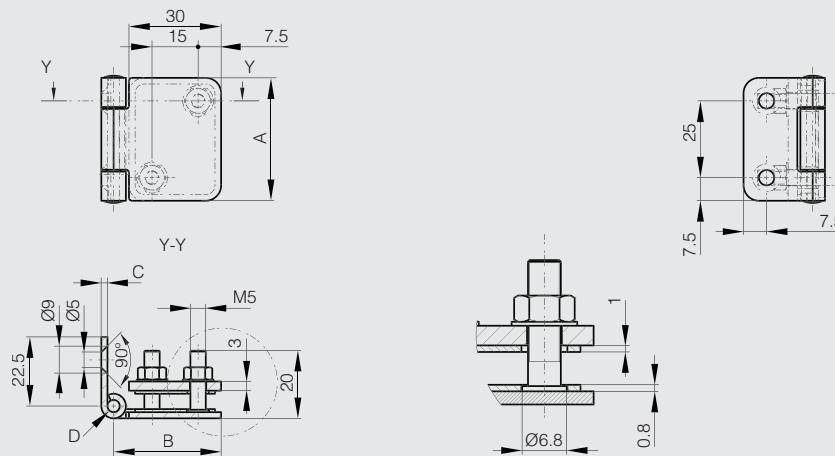
Glass door hinge in brushed stainless steel

Supplied with EPDM gasket.

Included stainless steel bolts and stainless steel washers.



Part number	Material	Finish	A	B	C	D	Weight (g)
NEW 52-1-4040	304 stainless steel	brushed	40	35	2	4	80



Glass door hinge in stainless steel

Hinge for glass / acrylic doors (PMMA).

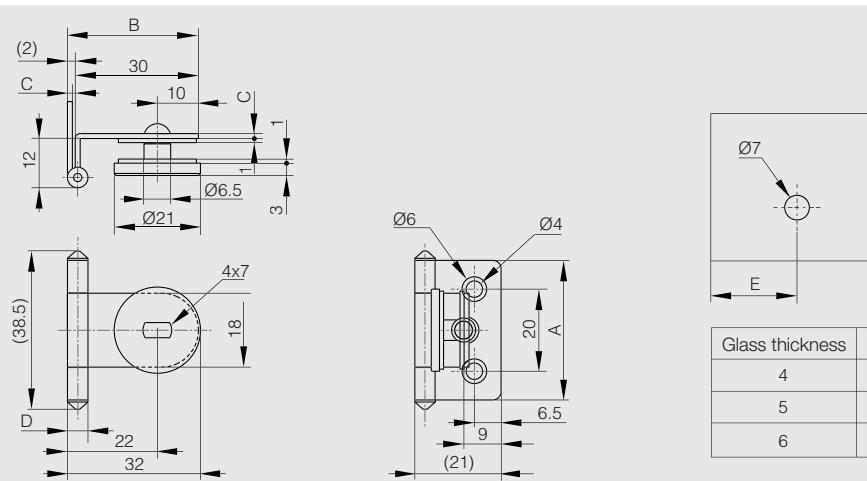
Door thickness: 4 - 6 mm.

Door weight: max. 4 kg / pair.

Leaves, pin and screw in 304 stainless steel. Plate in aluminium alloy, washer in chloroethylene.



Part number	Material	Finish	A	B	C	D	Weight (g)
72-7-4254	304 stainless steel	raw	34	32	1.2	5	15



Glass thickness	E
4	19
5	18
6	17



Stainless steel range - Latching systems

Slam latches

Slam latch in stainless steel - bolt "nose-up"

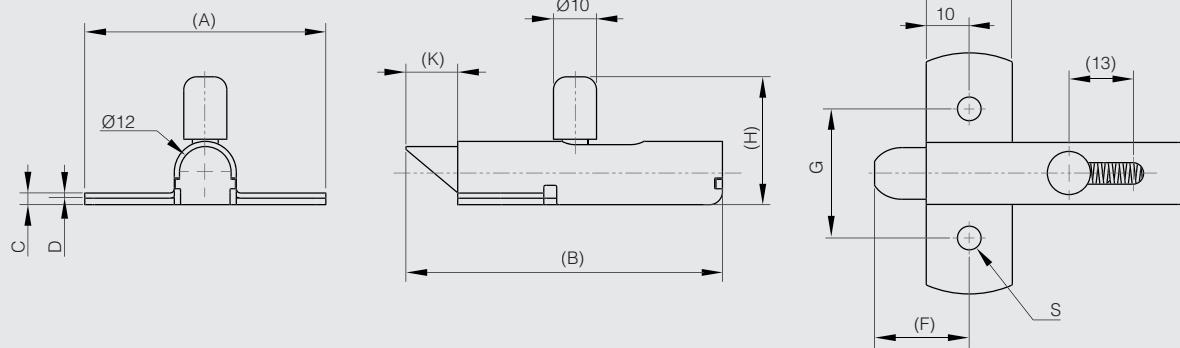
Stainless steel slam latch.



STAINLESS
STEEL



Part number	Material	Finish	A	B	C	D	E	F	G	H	K	S	Weight (g)
NEW 16-1-4265	304 stainless steel	raw	56	73.5	2.7	1.2	20	22	30	29.7	12	5.5	87



Slam latch in stainless steel - bolt "nose-down"

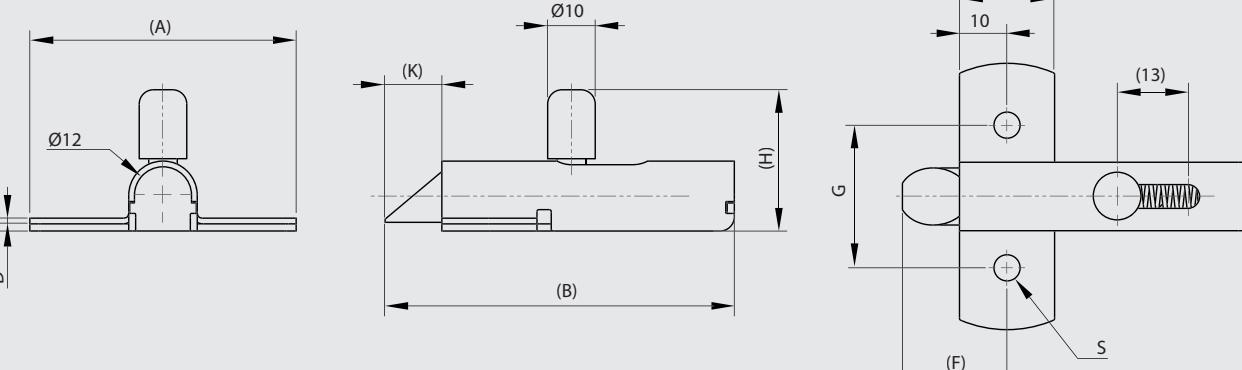
Stainless steel slam latch.



STAINLESS
STEEL



Part number	Material	Finish	A	B	C	D	E	F	G	H	K	S	Weight (g)
NEW 16-1-4282	304 stainless steel	raw	56	73.5	2.7	1.2	20	22	30	29.7	12	5.5	87





Stainless steel range - Latching systems

Slam latches

Springloaded bolt - reversible bolt

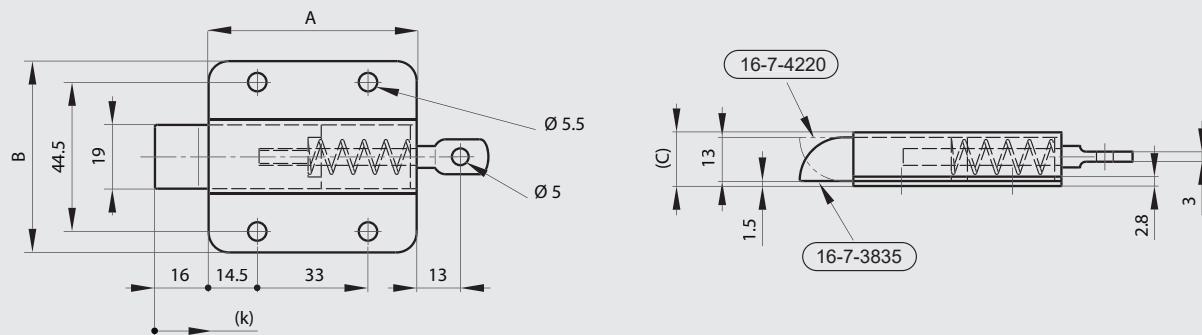
Slam blot - reversible.

Bolt can be manually unassembled to be positioned 'nose-up' or 'nose-down'.

Minimum load 50 N for full bolt travel.



Part number	Material	Finish	A	B	C	K	Note	Weight (g)
16-7-3835	304 stainless steel	raw	63.2	57	17.2	7	bolt delivered 'nose-down'	185



Paddle latches 68.5 x 84 mm

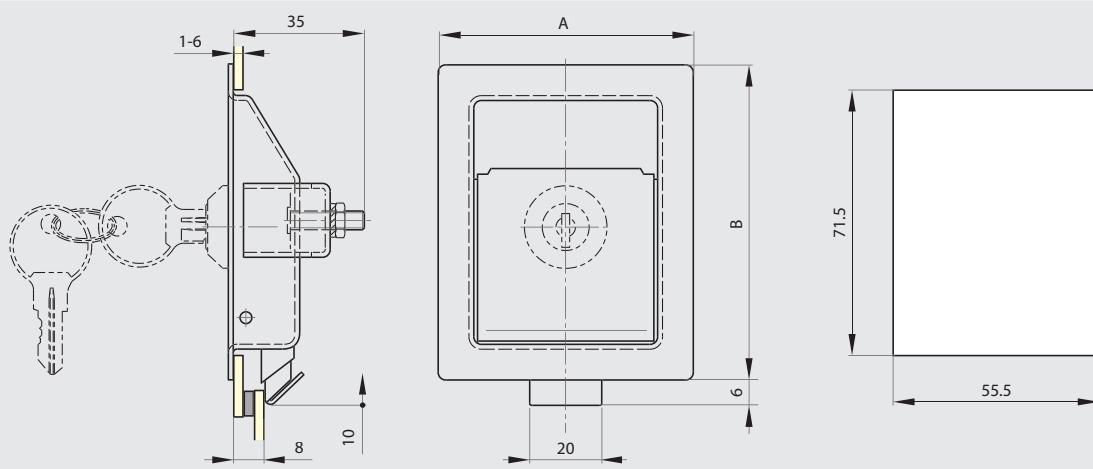
Available with or without key.

Keyed alike for version with cylinder.

Spring in stainless steel.



Part number	Material	Finish	A	B	Note	Weight (g)
16-1-4107	304 stainless steel	raw	68.5	84	without key	184
16-1-4108	304 stainless steel	raw	68.5	84	with key	184





Stainless steel range - latching systems

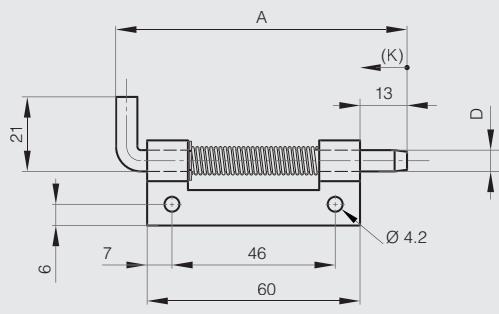
Spring-loaded latches

Concealed springloaded pin hinges A

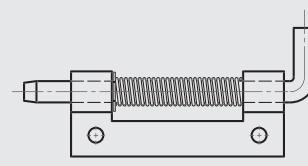
Stainless steel spring. Circlip in 1.4122 stainless steel.



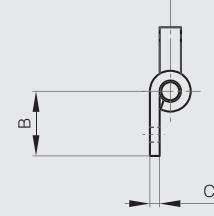
Part number	Material	Finish	A	B	C	D	K	Note	Weight (g)
12-1-3858	304 stainless steel	raw	82	18.2	2.8	6	12	type 2	46.4
12-1-3859	304 stainless steel	raw	82	18.2	2.8	6	12	type 1	46.4



(12-1-3857 & 12-1-3855 & 12-1-3859)



(12-1-3856 & 12-1-3854 & 12-1-3858)

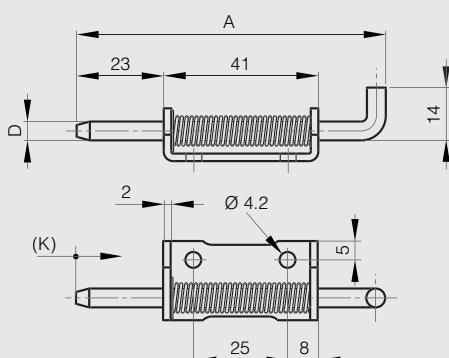


Concealed springloaded pin hinges B

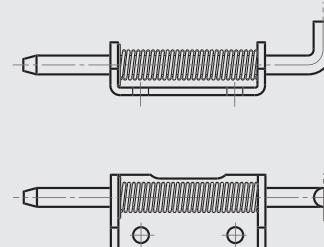
Stainless steel spring. Circlip in 1.4122 stainless steel.



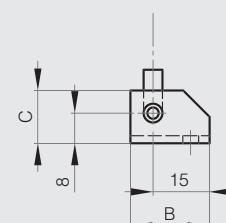
Part number	Material	Finish	A	B	C	D	K	Note	Weight (g)
12-1-3862	304 stainless steel	raw	82	21	14	5	12	type 2	38.5
12-1-3863	304 stainless steel	raw	82	21	14	5	12	type 1	38.5



(12-1-3951 & 12-1-3861 & 12-1-3863)



(12-1-3950 & 12-1-3860 & 12-1-3862)





Stainless steel range - Latching systems

Spring-loaded latches

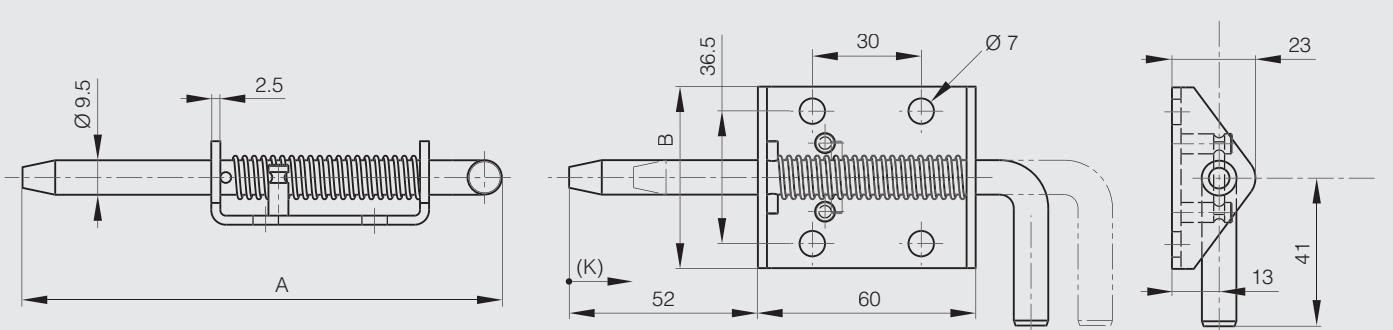
Springloaded bolt with locking system B

Heavy duty range. Stop when open.



STAINLESS
STEEL ✓
RoHS

Part number	Material	Finish	A	B	K	Weight (g)
NEW 16-1-9025	304 stainless steel	raw	132	50	17	170

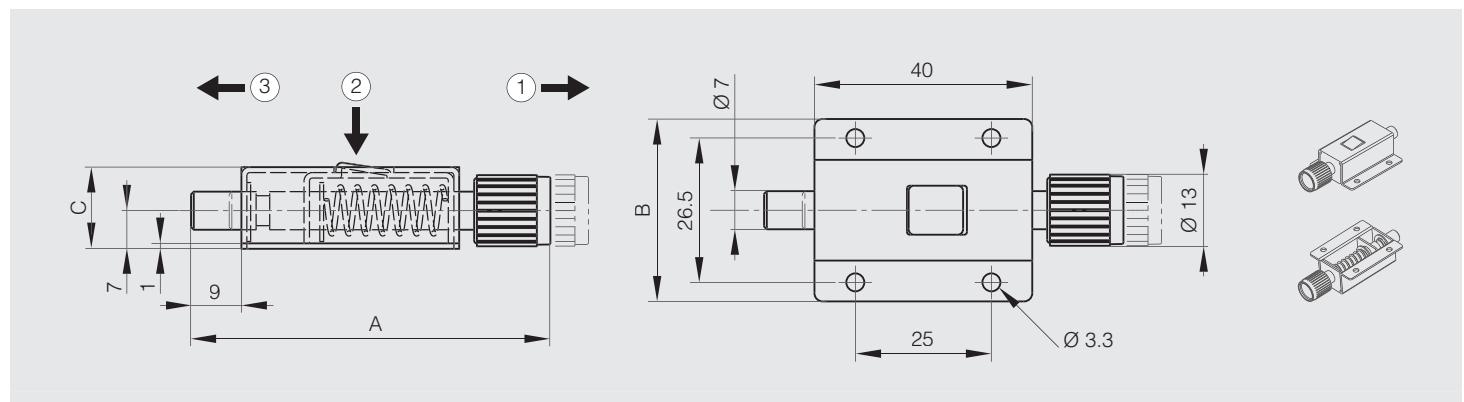


Push barrel bolt

Stainless steel latch with steel shaft and plastic button.

STAINLESS
STEEL ✓
RoHS

Part number	Material	Finish	A	B	C	Weight (g)
16-1-9008	stainless steel	raw	64	33.5	15	44





Stainless steel range - latching systems

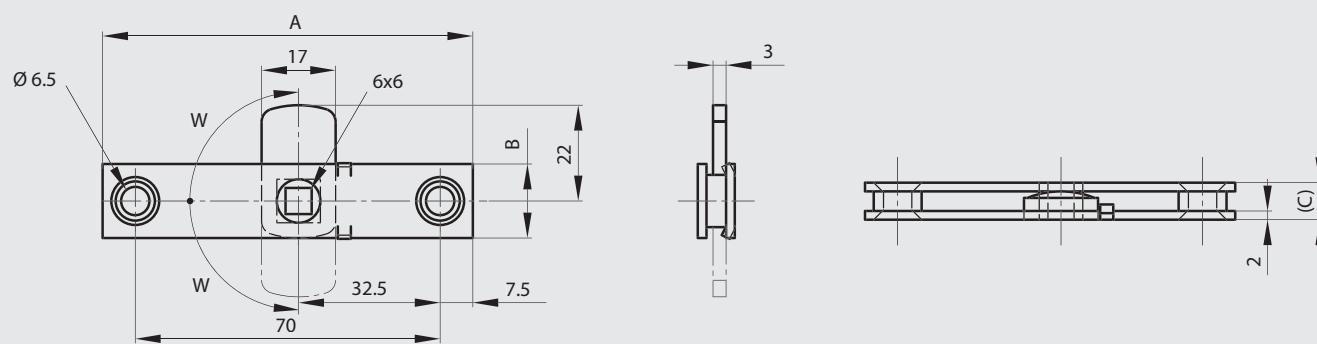
Rotary locks

Budget latch - square 6x6 - stainless steel

Not handed.



Part number	Material	Finish	A	B	C	W	Weight (g)
16-1-3972	304 stainless steel	raw	85	17	8.5	90°	56

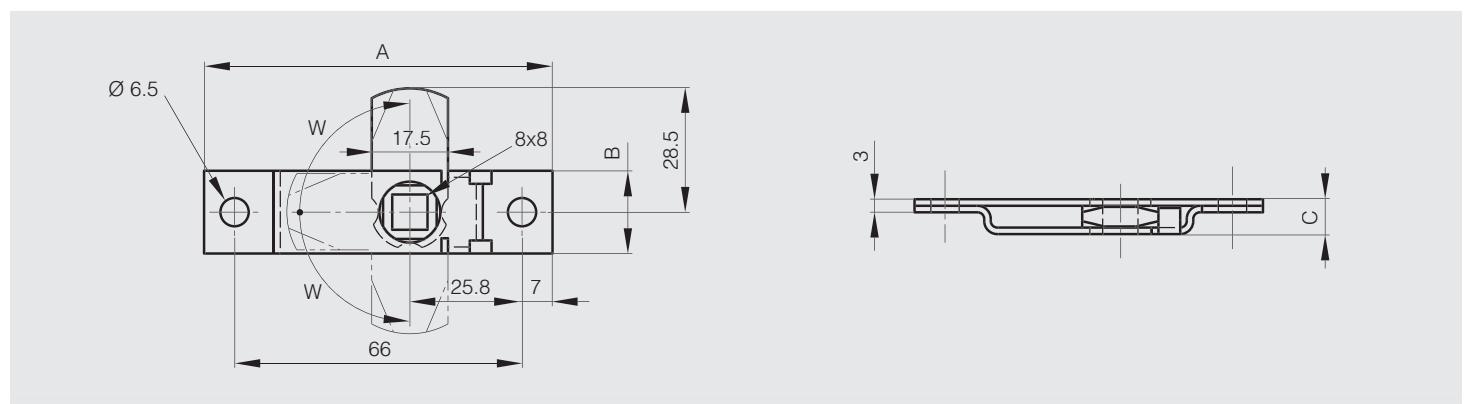


Budget latches - square 8x8

Not handed. 3 indent positions.



Part number	Material	Finish	A	B	C	W	Weight (g)
16-1-4086	304 stainless steel	raw	80	19	8	90°	63





Rotary locks

Spring budget latch

Not handed.



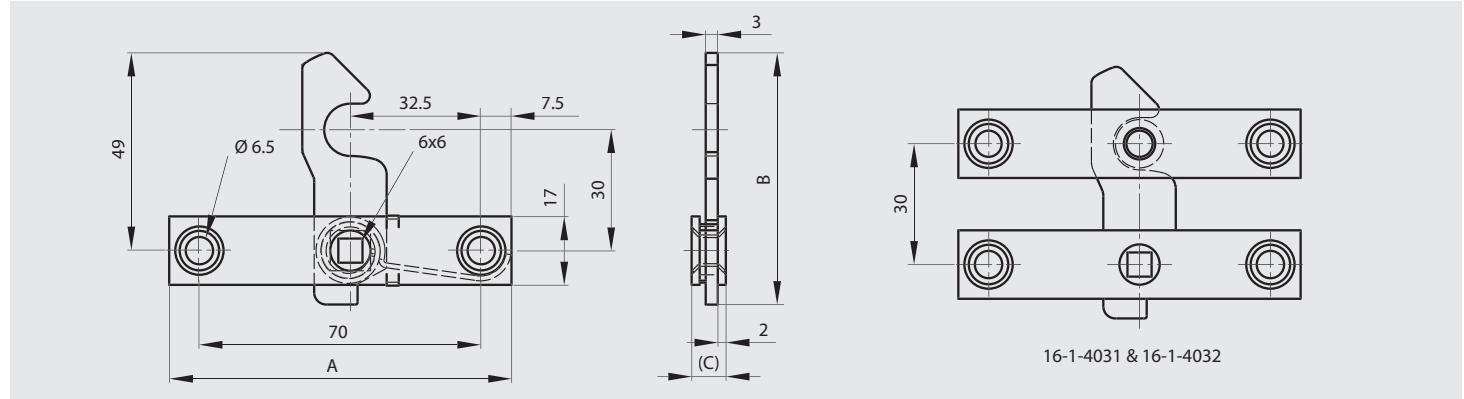
Part number	Material	Finish	A	B	C	Note	Weight (g)
16-1-4031	304 stainless steel	deburred	85	53.4	8.5	Budget latch (no strike)	69



Strike for spring budget latch 16-1-4031



Part number	Material	Finish	A	B	C	Note	Weight (g)
16-1-4032	304 stainless steel	deburred	85	17	8.5	strike	48



16-1-4031 & 16-1-4032



Barrel bolts

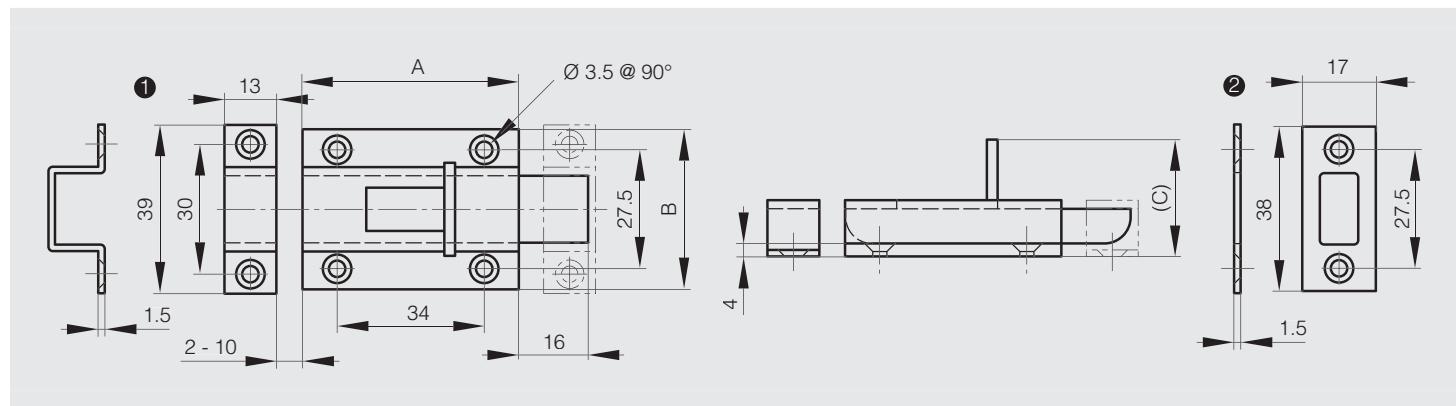
Barrel bolt in stainless steel

Can be fixed in vertical or horizontal position (stop when locked).

Supplied with 2 different strikes (see drawing).

STAINLESS STEEL

Part number	Material	Finish	A	B	C	Weight (g)
16-7-3863	304 stainless steel	satin	50	37	27	80



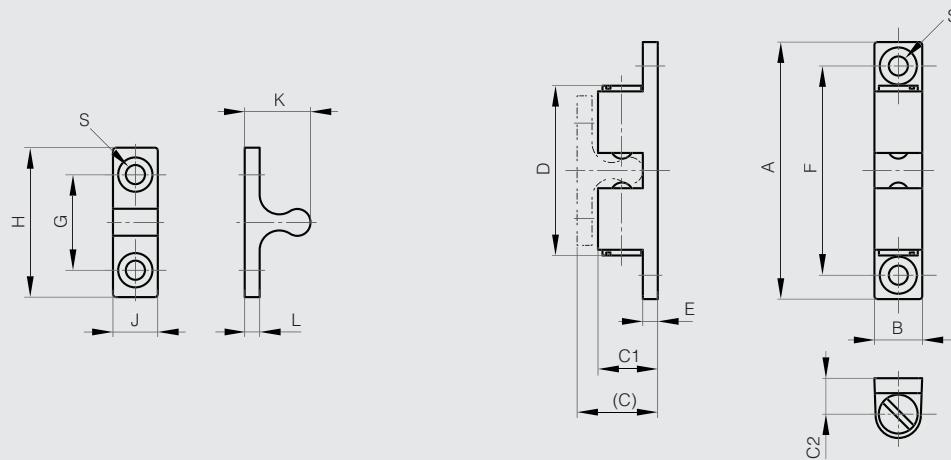


Stainless steel dual ball catches

Can be installed vertically or horizontally.
Catch force is not adjustable. Do not turn the slot part.



Part number	Material	Finish	A	B	C	C1	C2	D	E	F	G	H	J	K	L	S	Force	Weight (g)
NEW 16-7-4305	316 stainless steel	polished	43	8	13.5	10	6	28.4	2.5	35	16	25	7.5	11	2.5	3.2	1.3	18
NEW 16-7-4306	316 stainless steel	polished	50	10	16.1	12.2	7.7	31.5	2.9	40	20	30	9	13.2	2.9	4.2	1.8	30
NEW 16-7-4307	316 stainless steel	polished	70	13	23	17	10.5	51	4	60	30	42	10.5	19	4	4.2	3.9	83





Stainless steel range - latching systems

Magnetic catches

Compact magnetic catch

Suitable for temperatures below 80°C.

To avoid breakage, counterplate should not connect with magnet.

Screw heads should not protrude above the base plate.

For the stainless steel version, magnet is coated with acrylic resin to be corrosion resistant.



STAINLESS
STEEL



Part number	Material	Finish	A	B	C	Force	Weight (g)
NEW 16-7-4309	430 stainless steel	polished	41	16.5	2.8	5kg	13



Screw-on magnetic catch without counter plate - force 14 kg

Strong magnetic force.

Material: 304 stainless steel / steel / neodymium.

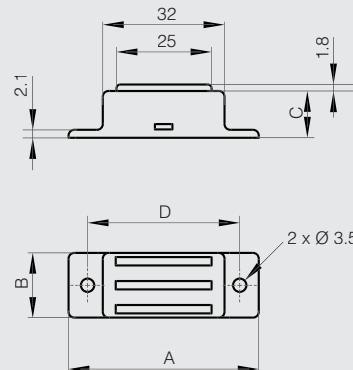
Counter plate not included.



STAINLESS
STEEL



Part number	Material	Finish	A	B	C	D	Force	Weight (g)
NEW 16-7-4297	304 stainless steel	polished	50	17	12.3	40	14kg	41





Stainless steel range - Latching systems

Magnetic catches

Screw-on magnetic catch without counter plate - force 7 and 14 kg - high temperature resistance

Suitable for high temperature environments up to 250°C.

Strong magnetic force. Corrosion free.

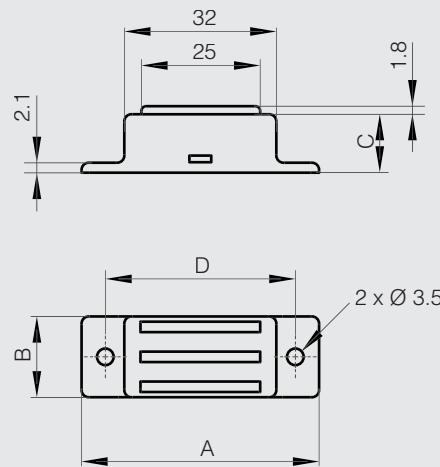
Counter plate not included.



STAINLESS
STEEL



Part number	Material	Finish	A	B	C	D	Force	Weight (g)
NEW 16-7-4294	304 stainless steel	polished	50	17	12.3	40	7.1Kg	40
NEW 16-7-4295	304 stainless steel	polished	50	17	12.3	40	14.3Kg	40





Stainless steel range - Latching systems

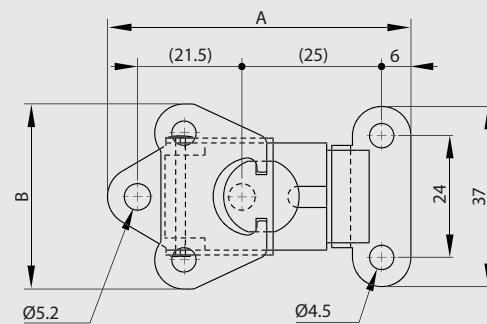
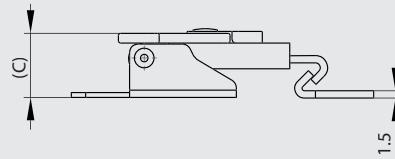
Toggles latches

Rotary toggle latches

Strike included.



Part number	Material	Finish	A	B	C	Note	Weight (g)
16-1-9013	304 stainless steel	raw	62	38	13.2	with strike	50

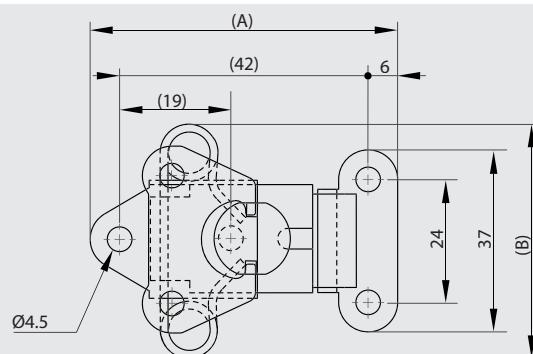
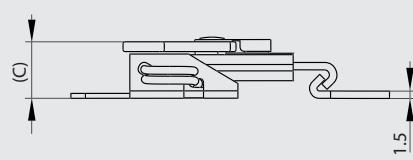


Spring loaded rotary toggle latches

Strike included.



Part number	Material	Finish	A	B	C	Note	Weight (g)
16-1-9015	304 stainless steel	raw	62	46	12	with strike	60





Stainless steel range - Latching systems

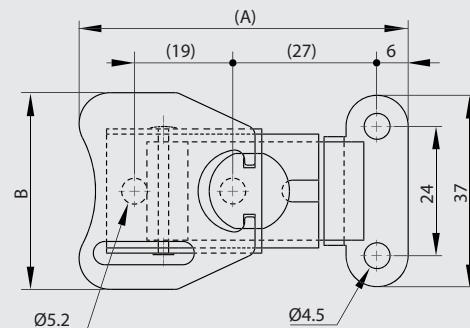
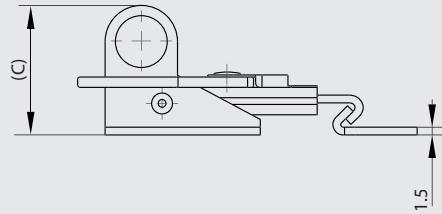
Toggles latches

Padlockable rotary toggle latches

Strike included.



Part number	Material	Finish	A	B	C	Note	Weight (g)
16-1-9017	304 stainless steel	raw	64	38	24	with strike	60



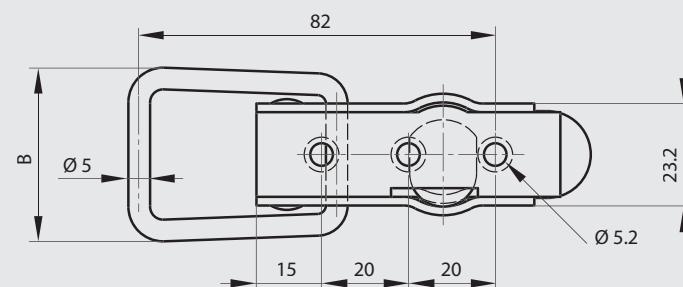
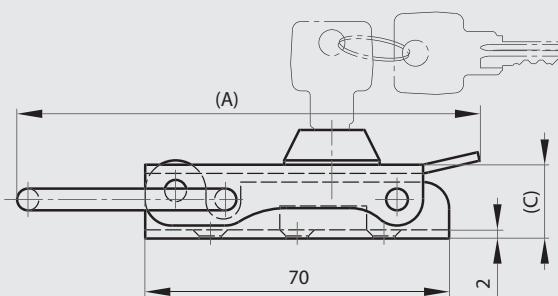
Lockable toggle latch without strike

Keyed alike (2 identical keys).

Strike not included.



Part number	Material	Finish	A	B	C	Weight (g)
16-1-4257	304 stainless steel	raw	106.5	40	17	132





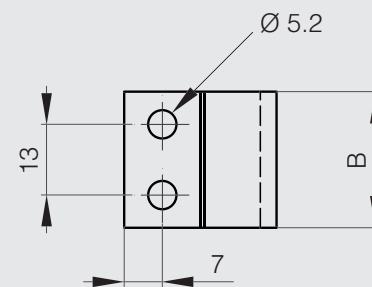
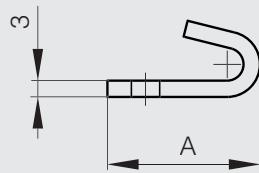
Stainless steel range - Latching systems

Toggles latches

Strike for part number 16-1-4257



Part number	Material	Finish	A	B	Weight (g)
16-7-3601	304 stainless steel	raw	28	25	24

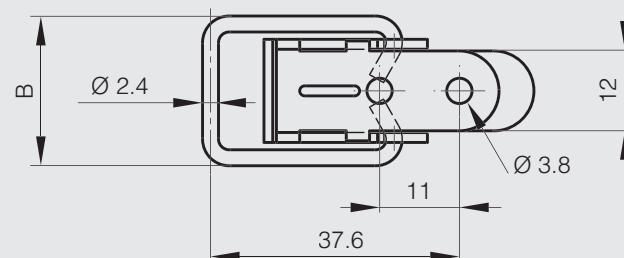
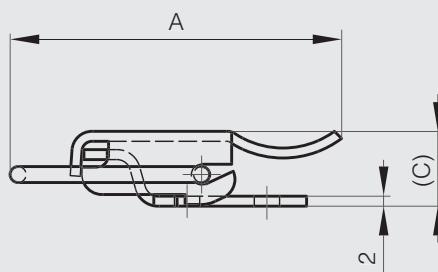


Toggle latches without strike - 50 mm



These latches are used with strike part numbers 16-7-3414, 16-7-3529 and 16-7-3531.
Padlockable option available for part number 16-7-3394.

Part number	Material	Finish	A	B	C	Note	Weight (g)
16-7-3525	304 stainless steel	raw	50	22	12.5	drilled	20
16-7-3527	304 stainless steel	raw	50	23.4	11.7	undrilled	20





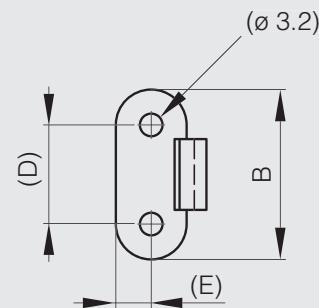
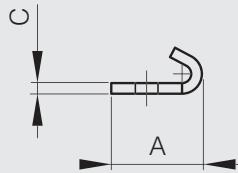
Stainless steel range - Latching systems

Toggles latches

Strikes for part numbers 16-7-3525 and 16-7-3527



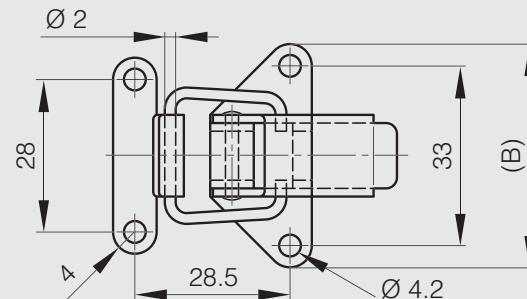
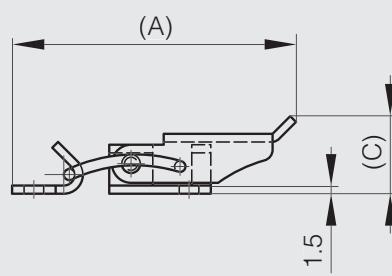
Part number	Material	Finish	A	B	C	D	E	Note	Weight (g)
16-7-3531	304 stainless steel	raw	13.4	24	1.5			undrilled	3.5
16-7-3529	304 stainless steel	raw	13.4	24	1.5	14	5	drilled	3.5



Toggle latches with strike - 52 mm



Part number	Material	Finish	A	B	C	Weight (g)
16-7-3846	304 stainless steel	raw	52	41	13.5	23





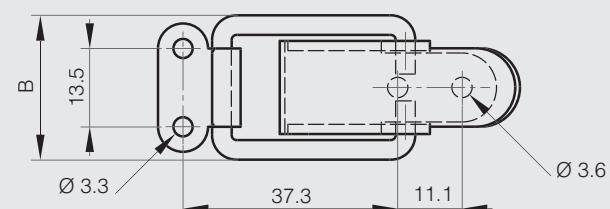
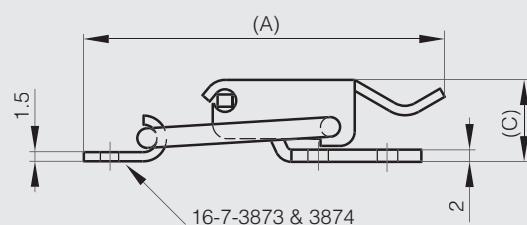
Toggles latches

Toggle latch without strike - 58.1 mm

This latch is used with strike, part numbers 16-7-3873 and 16-7-3874.



Part number	Material	Finish	A	B	C	Weight (g)
16-7-3876	304 stainless steel	raw	58.1	23.4	12.7	32



Strike for part number 16-7-3876



Part number	Material	Finish	Weight (g)
16-7-3874	304 stainless steel	raw	3.5





Stainless steel range - Latching systems

Toggles latches

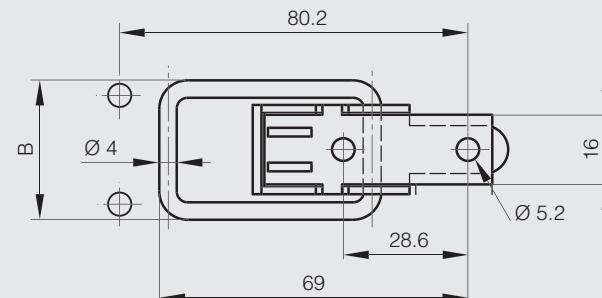
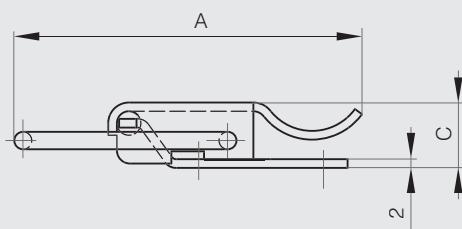
Toggle latch without strike - 80.2 mm

This latch is used with strike reference 16-7-3530.

This latch is available with padlockable option reference 16-7-3724.



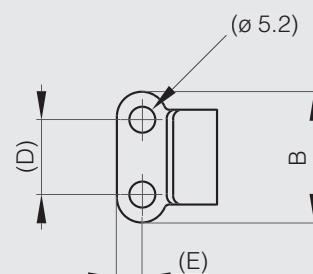
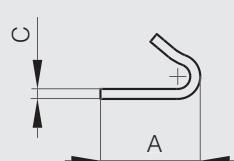
Part number	Material	Finish	A	B	C	Note	Weight (g)
16-7-3526	304 stainless steel	raw	80.2	32	14.5	drilled	53.5



Strike for part number 16-7-3526



Part number	Material	Finish	A	B	C	D	E	Note	Weight (g)
16-7-3530	304 stainless steel	raw	20	26.5	2	15	5.2	drilled	9





Stainless steel range - Latching systems

Toggles latches

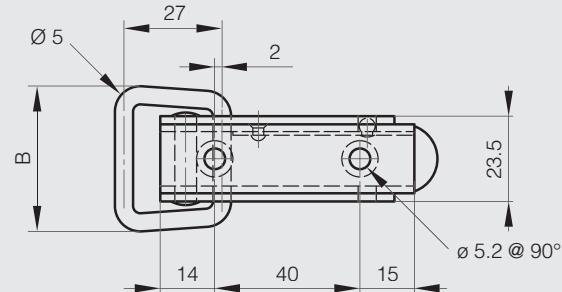
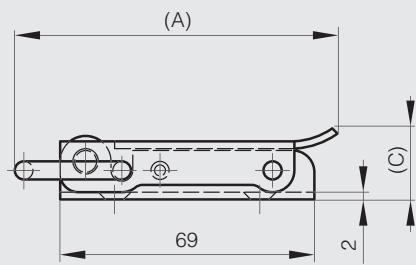
Toggle latches without strike - 88.5 mm

Punched holes.

This latch is used with strike part number 16-7-3601.



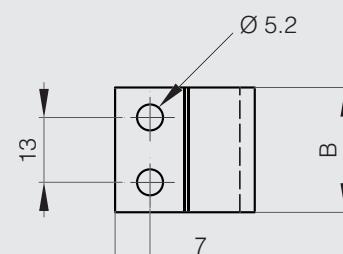
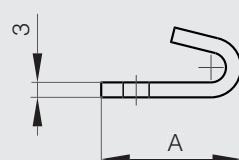
Part number	Material	Finish	A	B	C	Weight (g)
16-7-3829	304 stainless steel	raw	88.5	40	20	106



Strike for part number 16-7-3829



Part number	Material	Finish	A	B	Weight (g)
16-7-3601	304 stainless steel	raw	28	25	24





Stainless steel range - Latching systems

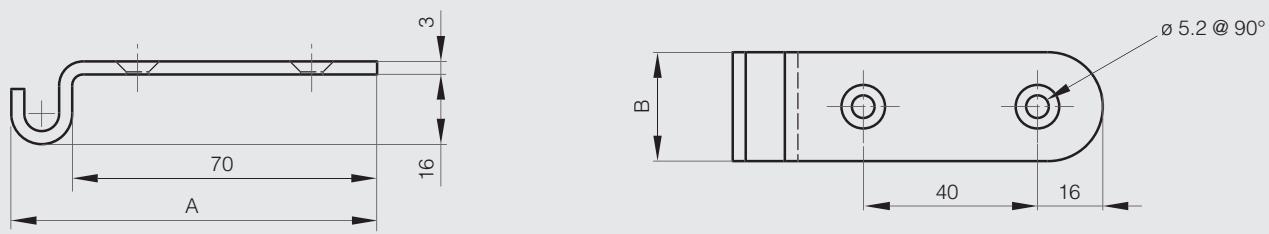
Toggles latches

Other strike for part number 16-7-3829

Drilled and countersunk for 4,5 mm diameter screws.



Part number	Material	Finish	A	B	Weight (g)
16-7-3828	304 stainless steel	raw	85	25	57





Stainless steel range - Latching systems

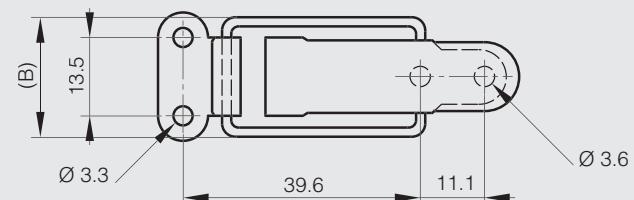
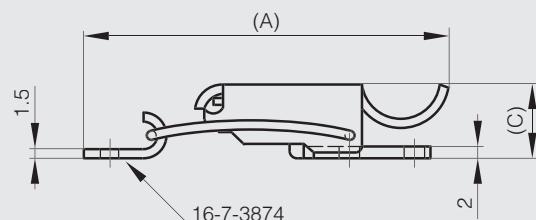
Toggles latches

Toggle latch without strike (consistent tension)

This latch is used with strike part number 16-7-3874.



Part number	Material	Finish	A	B	C	Weight (g)
16-7-3891	304 stainless steel	raw	58.6	20.6	12.7	27



Strike for part number 16-7-3891



Part number	Material	Finish	Weight (g)
16-7-3874	304 stainless steel	raw	3.5





Stainless steel range - Latching systems

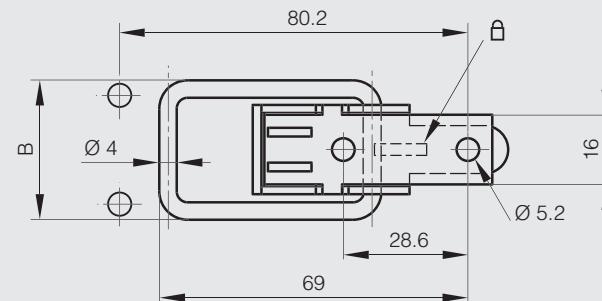
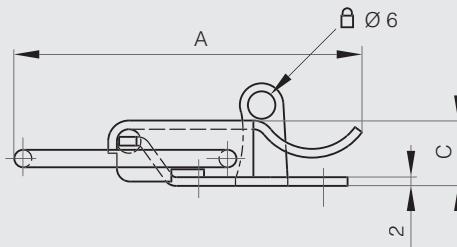
Toggles latches

Padlockable toggle latch - 80.2 mm

This latch is used with strike part number 16-7-3730.



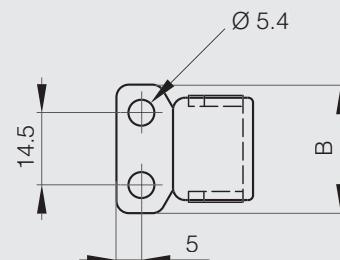
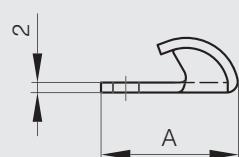
Part number	Material	Finish	A	B	C	Note	Weight (g)
16-7-3724	304 stainless steel	raw	80.2	32	23.5	drilled	55



Strike for part number 16-7-3724



Part number	Material	Finish	A	B	Note	Weight (g)
16-7-3730	304 stainless steel	raw	27.4	26	drilled	10





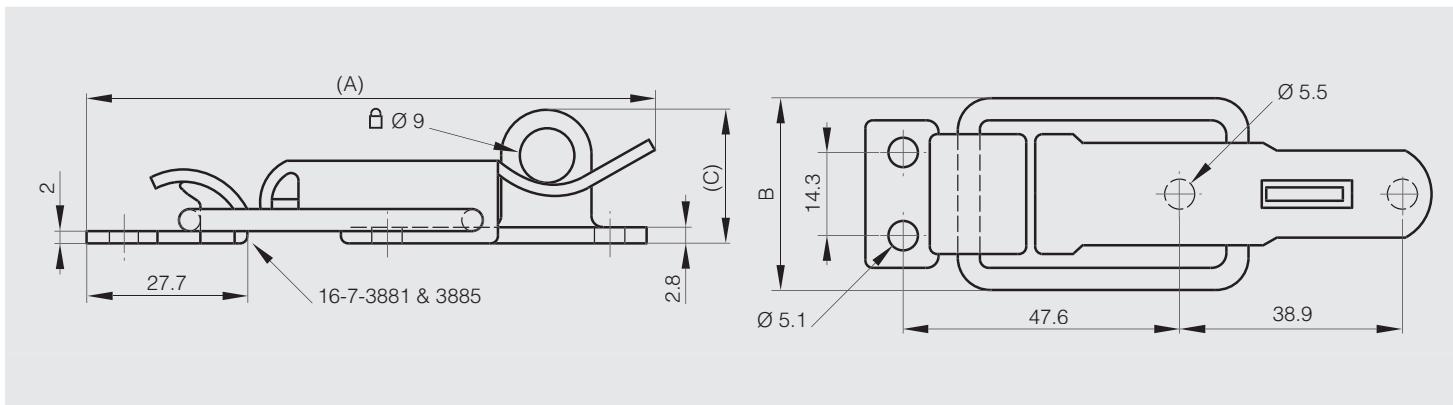
Toggles latches

Padlockable toggle latch - 97.6 mm

This latch is used with strike part number 16-7-3885.



Part number	Material	Finish	A	B	C	Weight (g)
16-7-3884	304 stainless steel	raw	97.5	33	23.1	68



Strike for part number 16-7-3884



Part number	Material	Finish	Weight (g)
16-7-3885	304 stainless steel	raw	9





Stainless steel range - Latching systems

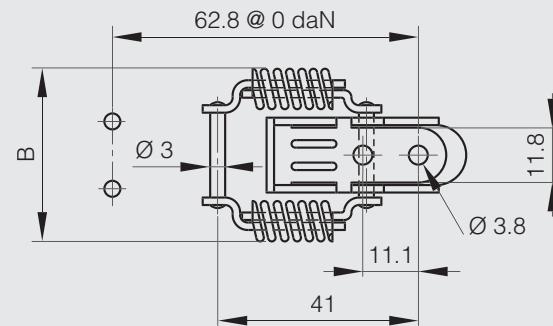
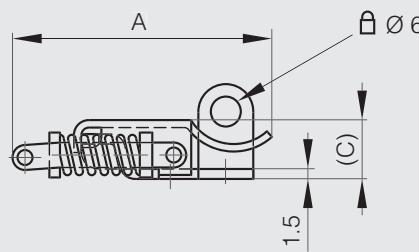
Toggles latches

Spring loaded and padlockable toggle latch - 52 mm

Dimension A (52 mm) without tension. Dimension A can be extended up to 3 mm putting the latch under tension.
This latch is used with strike part numbers 16-7-3739 and 16-7-3742.



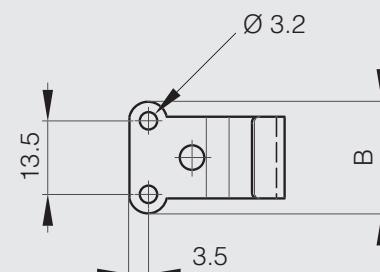
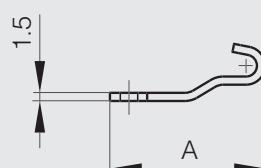
Part number	Material	Finish	A	B	C	Weight (g)
16-7-3760	304 stainless steel	raw	55.5	34.5	12	32



Strikes for part number 16-7-3760



Part number	Material	Finish	A	B	Note	Weight (g)
16-7-3739	304 stainless steel	raw	28.5	20.5	undrilled	3.5
16-7-3742	304 stainless steel	raw	28.5	20.5	drilled	3.5





Stainless steel range - Latching systems

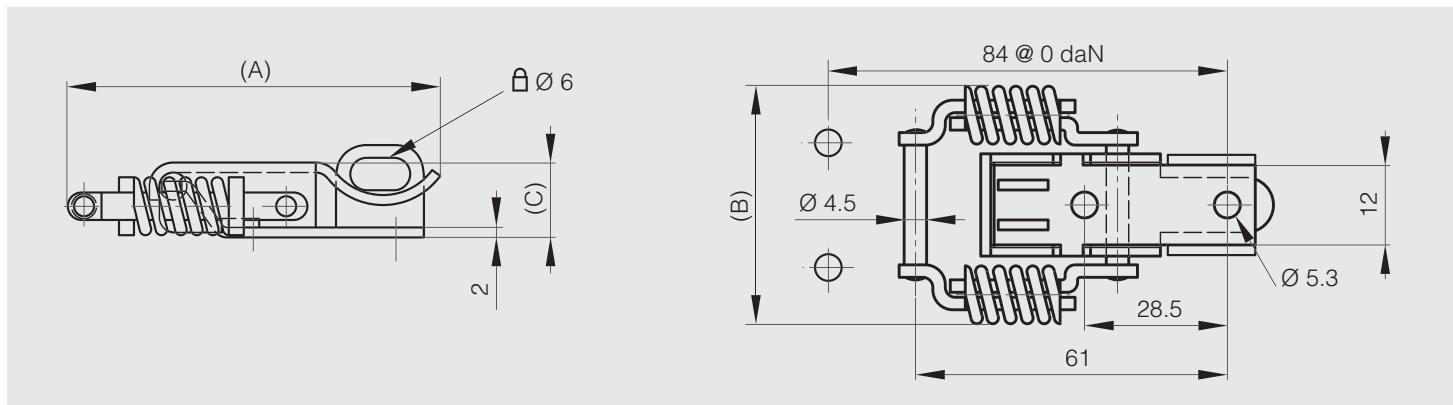
Toggles latches

Spring loaded and padlockable toggle latch - 74 mm

Dimension A (74 mm) without tension. Dimension A can be extended up to 4 mm putting the latch under tension.
This latch is used with strike part numbers 16-7-3751 and 16-7-3754.



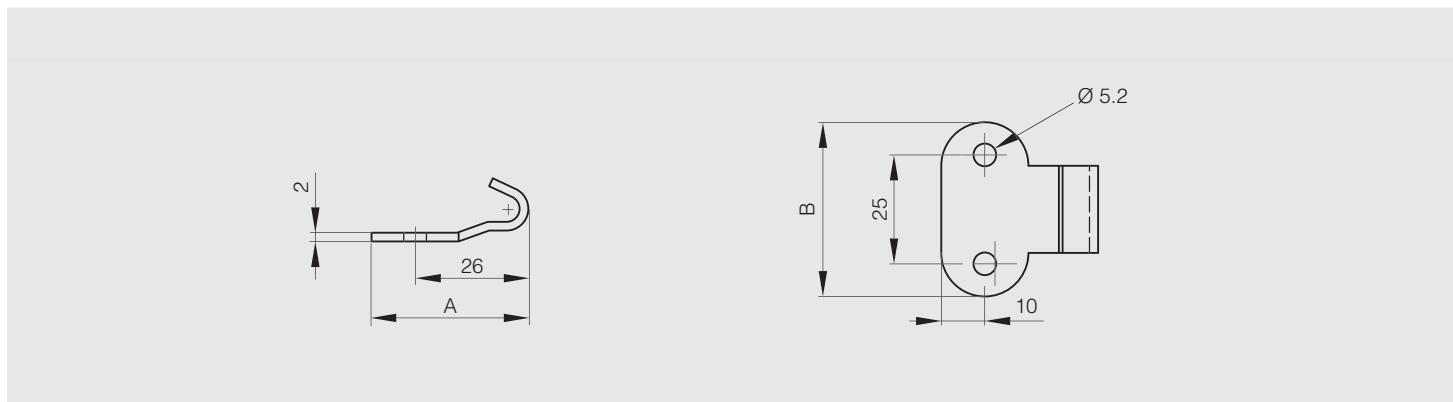
Part number	Material	Finish	A	B	C	Note	Weight (g)
16-7-3766	304 stainless steel	raw	74	46.5	15	drilled	75



Strikes for part number 16-7-3766



Part number	Material	Finish	A	B	Note	Weight (g)
16-7-3751	304 stainless steel	raw	36	40	undrilled	20
16-7-3754	304 stainless steel	raw	36	40	drilled	20





Stainless steel range - Latching systems

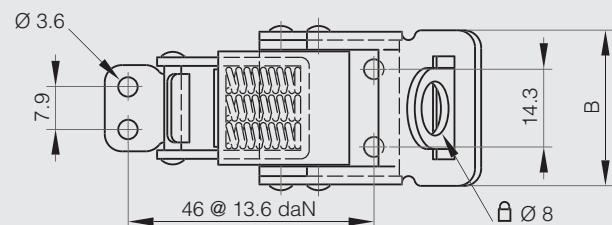
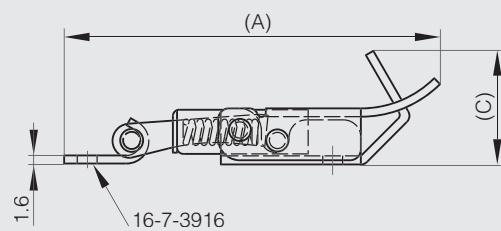
Toggles latches

Spring loaded and padlockable toggle latch - 70.9 mm

This latch is used with strike part number 16-7-3916.



Part number	Material	Finish	A	B	C	Weight (g)
16-7-3917	304 stainless steel	raw	70.9	28.7	23.1	50



Strike for part number 16-7-3917



Part number	Material	Finish	Weight (g)
16-7-3916	304 stainless steel	raw	4.5





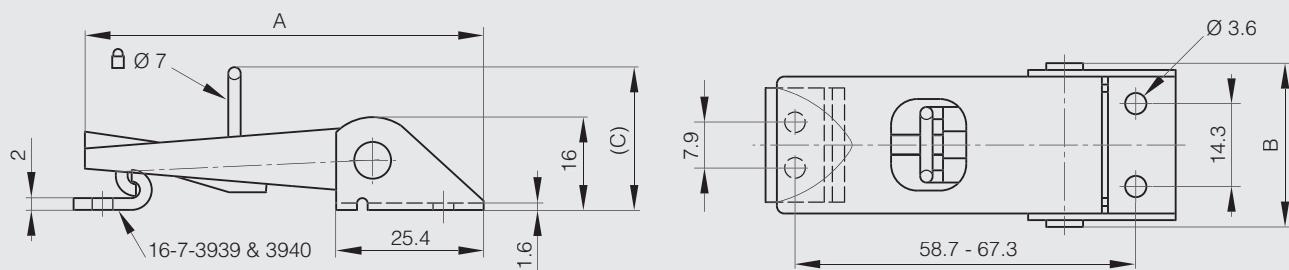
Toggles latches

Adjustable toggle latch - padlockable - 70.6 mm

This latch is used with strike part number 16-7-3940.



Part number	Material	Finish	A	B	C	Weight (g)
16-7-3938	304 stainless steel	raw	70.6	28.2	16	50



Strike for part number 16-7-3938

Strike for part number 16-7-3938.



Part number	Material	Finish	Weight (g)
16-7-3940	304 stainless steel	raw	4.5





Stainless steel range - Latching systems

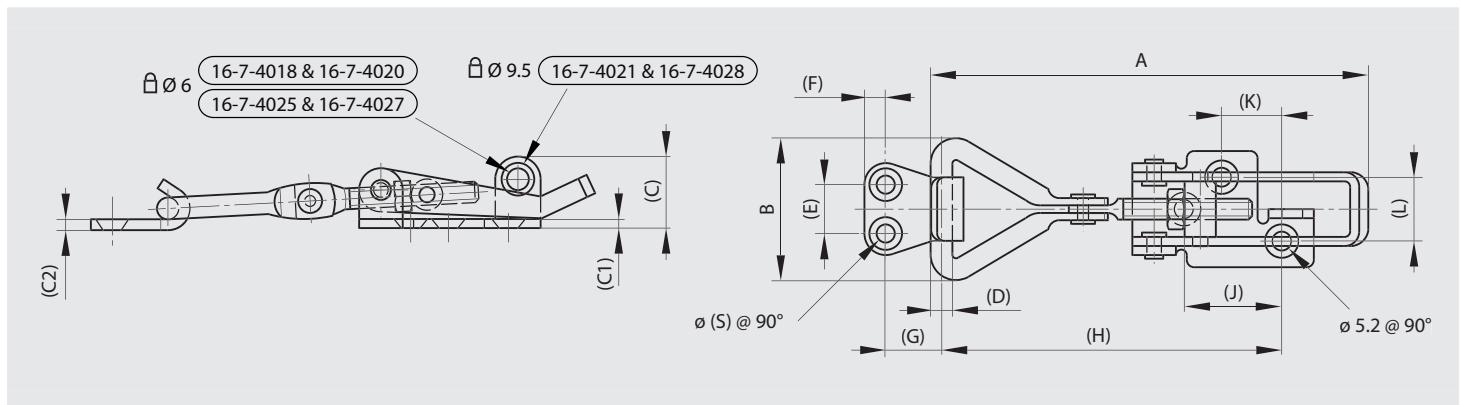
Toggles latches

Adjustable toggle latches with strike - padlockable - 82 mm to 118 mm

STAINLESS STEEL RoHS



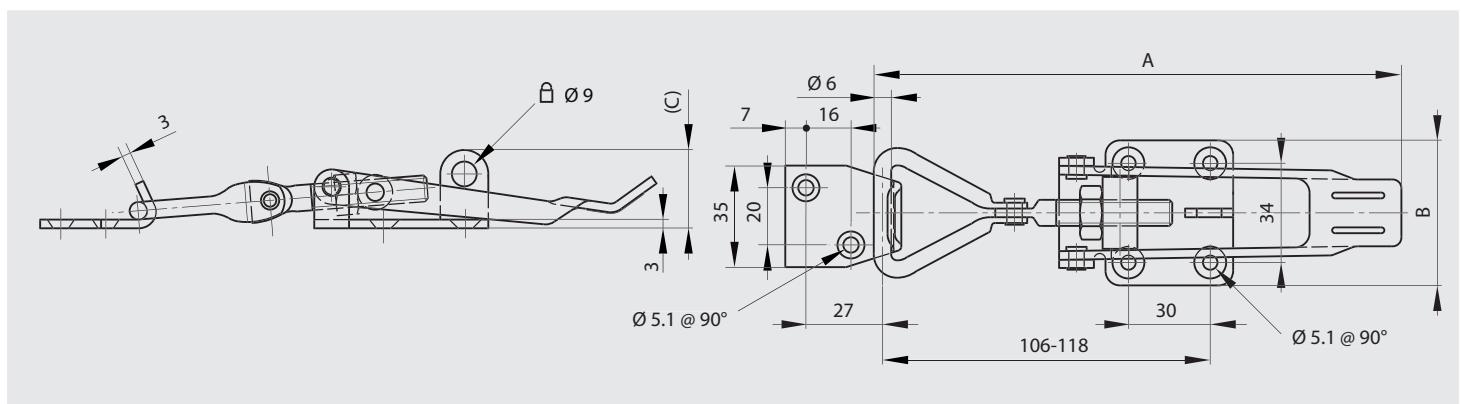
Part number	Material	Finish	A	B	C	C1	C2	D	E	F	G	H	J	K	L	S	Note	Weight (g)
16-7-4025	304 stainless steel	raw	82	27	19	2	2	4	14	4.5	10	62-72	22	11	14	4	82<A<92	48
16-7-4027	304 stainless steel	raw	108	34	17	2.5	3	5	17	6.5	10	85-96	27	16	18	5.2	108<A<119	102
16-7-4028	304 stainless steel	raw	118	39	22	3	2.5	6	20	6.5	18	85-96	33	15	20	5.2	118<A<129	124



Adjustable toggle latch with strike - padlockable - 174 mm

STAINLESS STEEL RoHS

Part number	Material	Finish	A	B	C	Note	Weight (g)
16-7-4030	304 stainless steel	raw	174	50	27	174<A<186	236





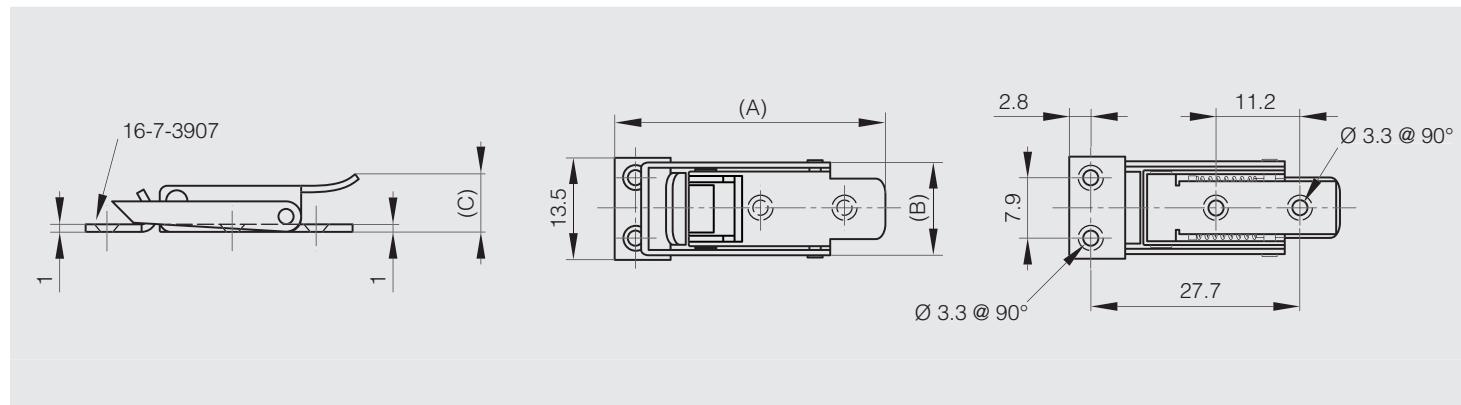
Toggles latches

Spring loaded toggle latch without strike 35.8 mm

This small latch is used with strike part number 16-7-3907.



Part number	Material	Finish	A	B	C	Weight (g)
16-7-3906	304 stainless steel	raw	35.8	12.3	7.9	9



Strike for part number 16-7-3906



Part number	Material	Finish	Weight (g)
16-7-3907	304 stainless steel	raw	4.5





Stainless steel range - Latching systems

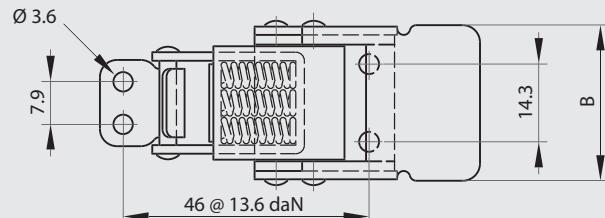
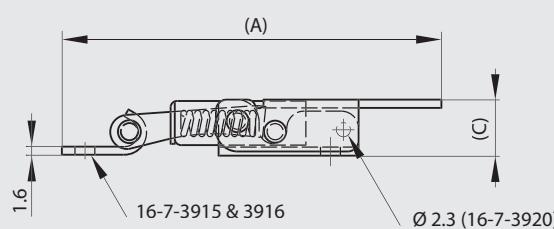
Toggles latches

Spring loaded toggle latches without strike - 70.8 mm

These latches are used with strike part number 16-7-3916.



Part number	Material	Finish	A	B	C	Note	Weight (g)
16-7-3911	304 stainless steel	raw	70.8	28.7	10.2		50
16-7-3920	304 stainless steel	raw	70.8	28.7	10.2	with seal wire hole	50



Spring loaded toggle latch without strike - with push button

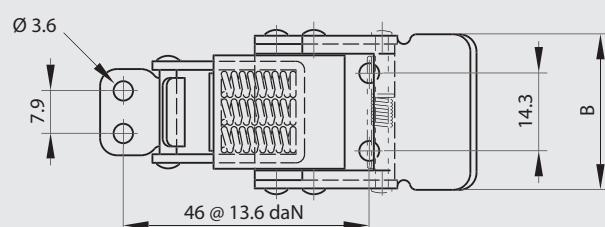
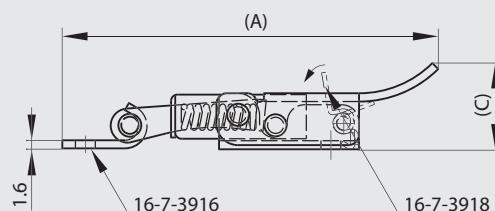
The push button prevents accidental opening.

This latch is used with strike part numbers 16-7-3916.

A padlockable option is available for part number 16-7-3917.



Part number	Material	Finish	A	B	C	Note	Weight (g)
16-7-3918	304 stainless steel	raw	70.9	28.7	14.7	with push button to open / no seal wire hole	50



Strike for part numbers 16-7-3911, 16-7-3918 and 16-7-3920



Part number	Material	Finish	Weight (g)
16-7-3916	304 stainless steel	raw	4.5





Stainless steel range - Latching systems

Toggles latches

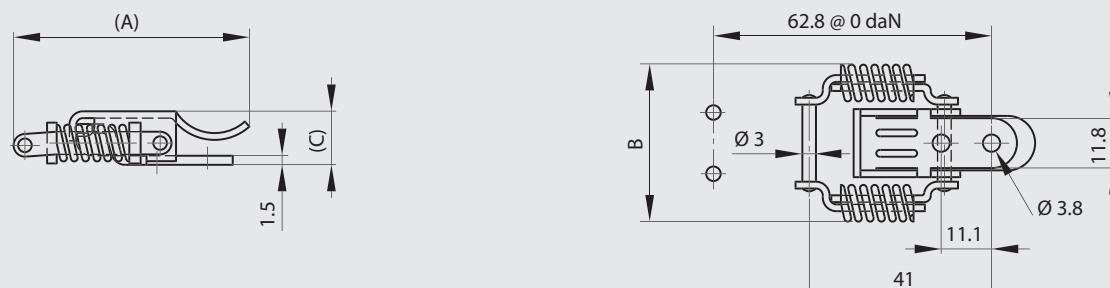
Spring loaded toggle latch without strike - 52 mm

This latch is used with strike part numbers 16-7-3739 and 16-7-3742.

A padlockable option is available for part number 16-7-3760.



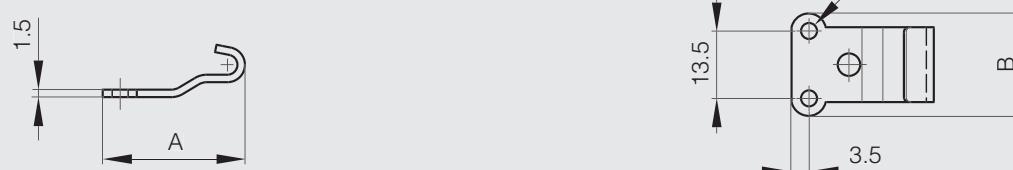
Part number	Material	Finish	A	B	C	Weight (g)
16-7-3736	304 stainless steel	raw	55.5	34.5	12	27



Strikes for part number 16-7-3736



Part number	Material	Finish	A	B	Note	Weight (g)
16-7-3739	304 stainless steel	raw	28.5	20.5	undrilled	3.5
16-7-3742	304 stainless steel	raw	28.5	20.5	drilled	3.5





Stainless steel range - Latching systems

Toggles latches

Spring loaded toggle latches without strike - 74 mm

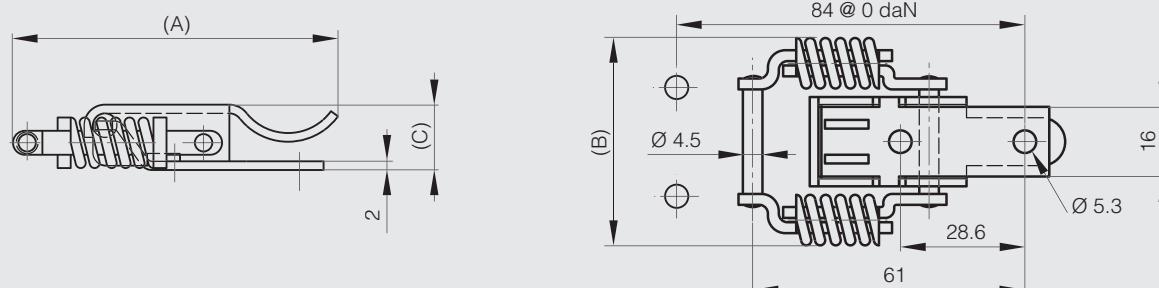
Dimension A (74 mm) without tension. Dimension A can be extended up to 4 mm putting the latch under tension.

These latches are used with strike part numbers 16-7-3751 and 16-7-3754.

A padlockable option is available for part number 16-7-3766.



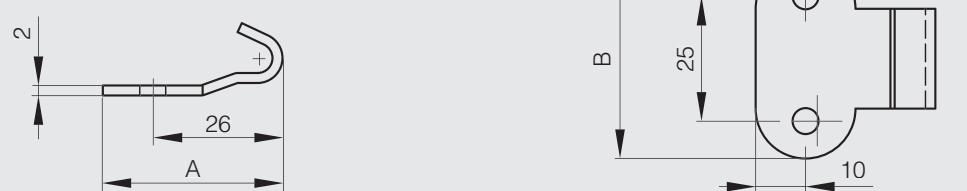
Part number	Material	Finish	A	B	C	Note	Weight (g)
16-7-3745	304 stainless steel	raw	74	47	15	undrilled	70
16-7-3748	304 stainless steel	raw	74	47	15	drilled	70



Strikes for part numbers 16-7-3745 and 16-7-3748



Part number	Material	Finish	A	B	Note	Weight (g)
16-7-3751	304 stainless steel	raw	36	40	undrilled	20
16-7-3754	304 stainless steel	raw	36	40	drilled	20





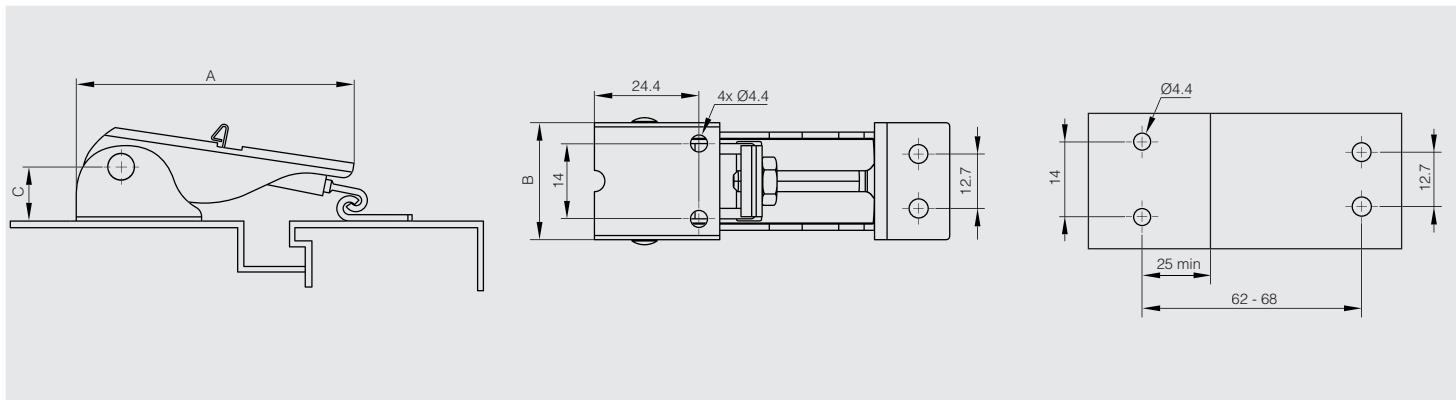
Stainless steel range - latching systems

Toggles latches

Adjustable toggle latch with secondary lock and strike



Part number	Material	Finish	A	B	C	Weight (g)
16-1-9021	stainless steel	electropolished	70	27.5	13.5	77





Stainless steel range - Latching systems

Toggles latches

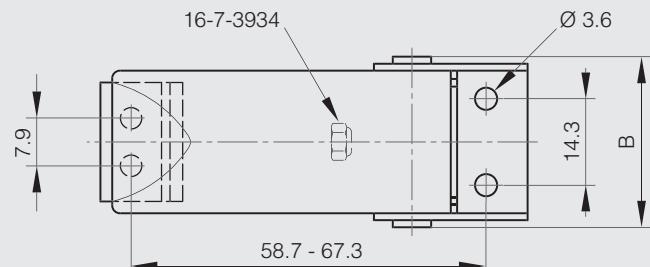
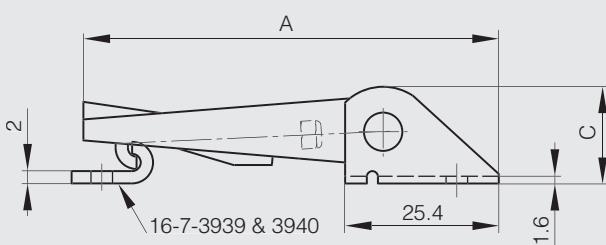
Adjustable toggle latch without strike 70.6 mm

These latches are used with strike part number 16-7-3940.

Part number 16-7-3934 has a lockable nut.

STAINLESS STEEL

Part number	Material	Finish	A	B	C	Weight (g)
16-7-3933	304 stainless steel	raw	70.6	28.2	16	50



Strike for part number 16-7-3933

STAINLESS STEEL

Part number	Material	Finish	Weight (g)
16-7-3940	304 stainless steel	raw	4.5





Stainless steel range - Latching systems

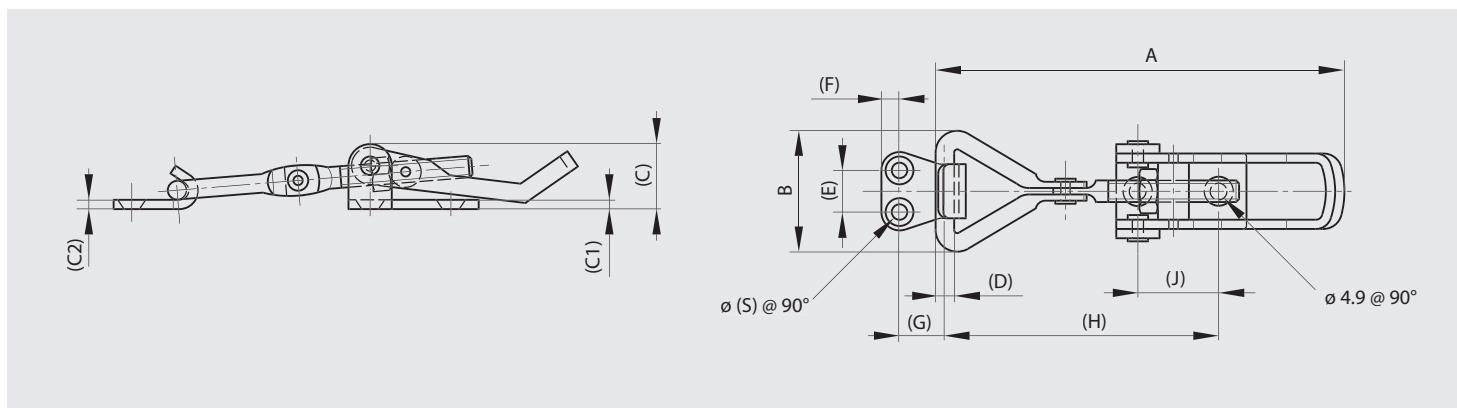
Toggles latches

Adjustable toggle latches with strike 82 mm and 103 mm long

STAINLESS STEEL RoHS



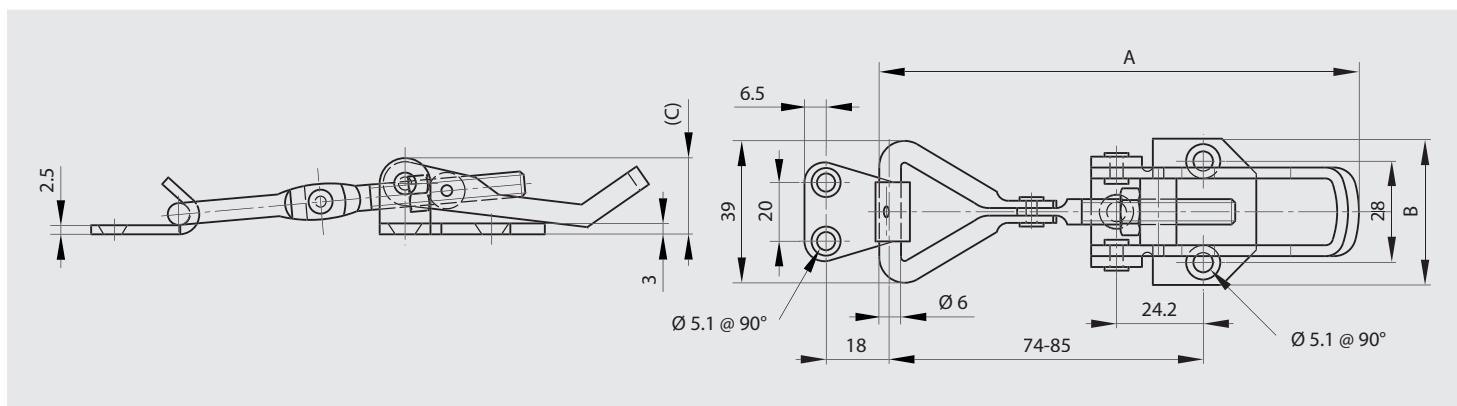
Part number	Material	Finish	A	B	C	C1	C2	D	E	F	G	H	J	S	Note	Weight (g)
16-7-4024	304 stainless steel	raw	82	28	14	2	2	4	14	5	10	52-59	18	4	82<A<89	46
16-7-4026	304 stainless steel	raw	103	34	16	2.5	3	5	17	6.5	10	68-86	17	5.2	103<A<121	90



Adjustable toggle latch with strike 118 mm

STAINLESS STEEL RoHS

Part number	Material	Finish	A	B	C	Note	Weight (g)
16-7-4029	304 stainless steel	raw	118	40	18	118<A<128	130





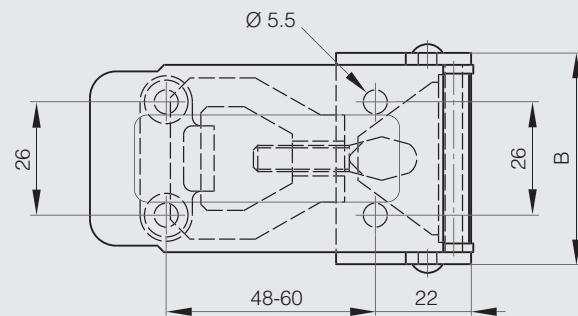
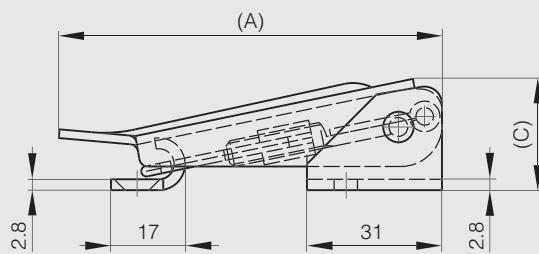
Stainless steel range - Latching systems

Toggles latches

Adjustable toggle latch with strike 88 mm



Part number	Material	Finish	A	B	C	Weight (g)
16-7-3844	304 stainless steel	raw	88	48.5	26	174

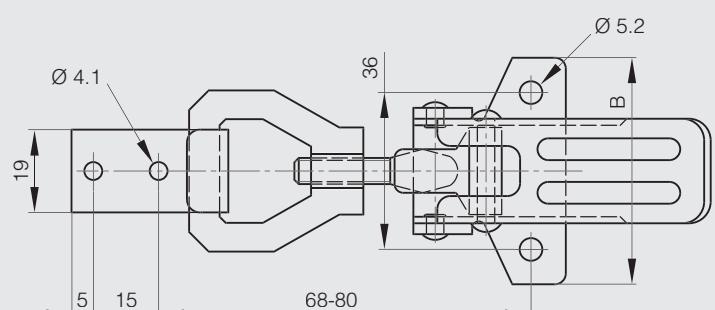
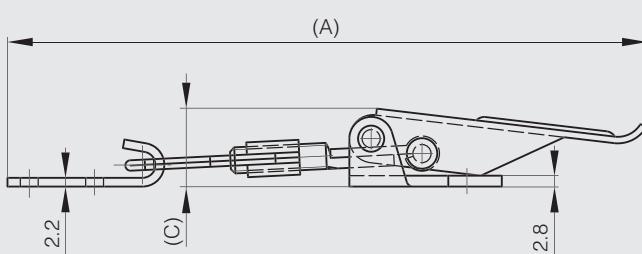


Adjustable toggle latch with strike 138 mm



Dimension A is adjustable from 138 mm to 150 mm.

Part number	Material	Finish	A	B	C	Note	Weight (g)
16-7-3841	304 stainless steel	raw	138	52	18	138<A<150	100





Stainless steel range - Latching systems

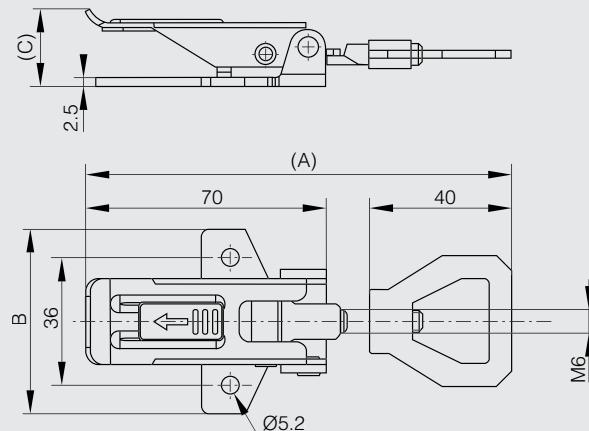
Toggles latches

Adjustable toggle latch with secondary lock without strike

Dimension A is adjustable from 115 mm to 122 mm.



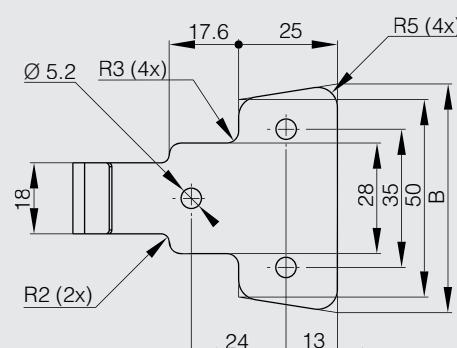
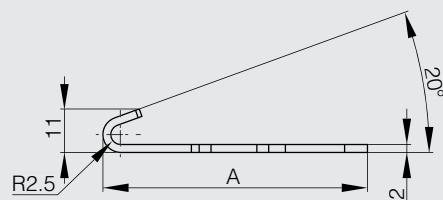
Part number	Material	Finish	A	B	C	Note	Weight (g)
16-1-4231	304 stainless steel	raw	115	52	22	115<A<122	85



Strike for part number 16-1-4231



Part number	Material	Finish	A	B	Weight (g)
16-1-4236	304 stainless steel	raw	67	57.9	35





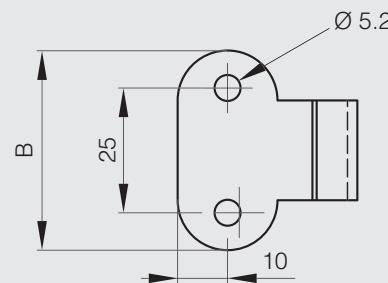
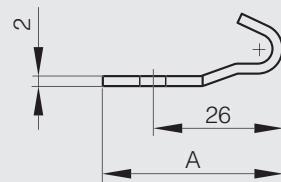
Stainless steel range - Latching systems

Toggles latches

Other strikes for part number 16-1-4231



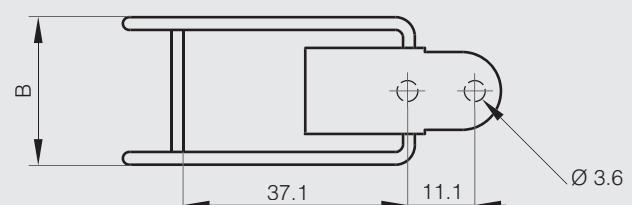
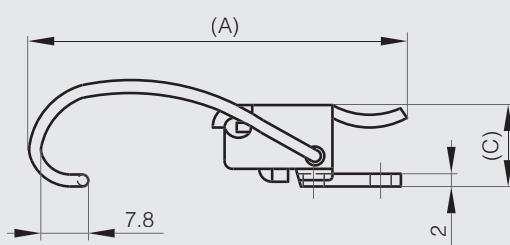
Part number	Material	Finish	A	B	Note	Weight (g)
16-7-3751	304 stainless steel	raw	36	40	undrilled	20
16-7-3754	304 stainless steel	raw	36	40	drilled	20



Toggle latch without strike 62.5 mm



Part number	Material	Finish	A	B	C	Weight (g)
16-7-3900	304 stainless steel	raw	62.5	24.4	13.5	27





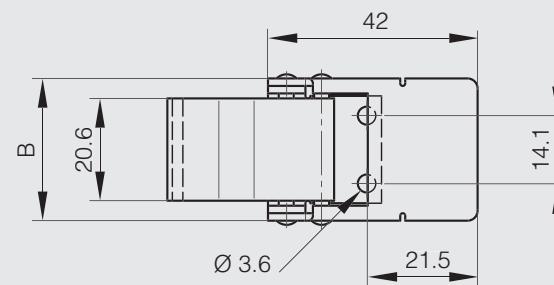
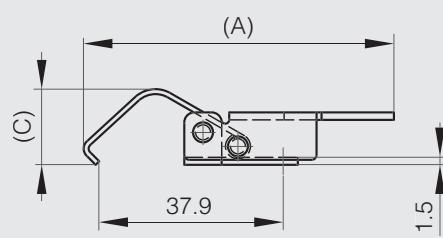
Stainless steel range - Latching systems

Toggles latches

Toggle latch without strike - 64 mm



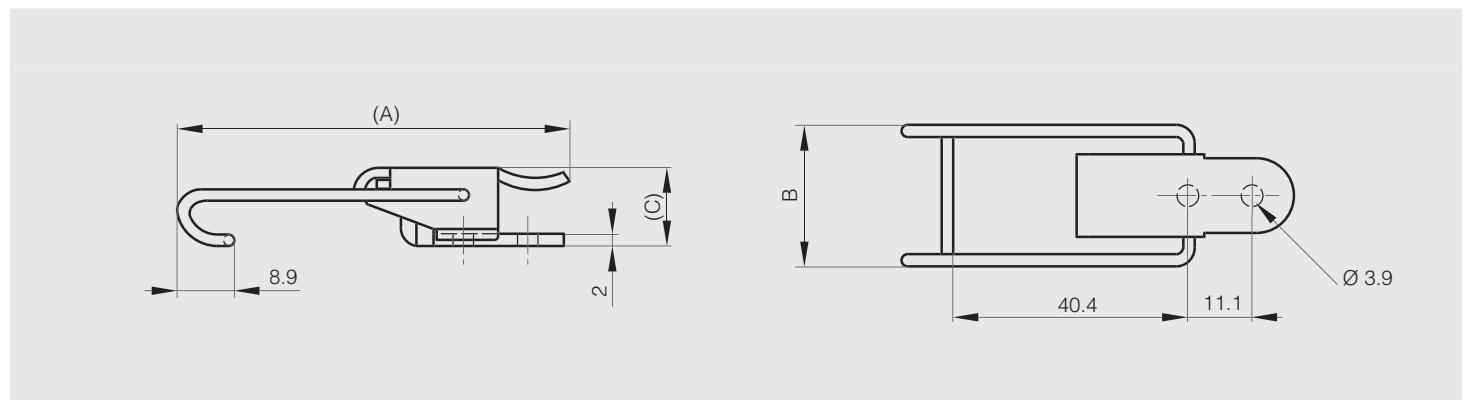
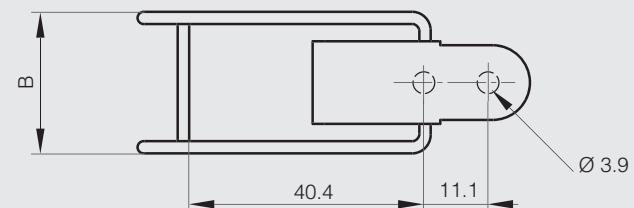
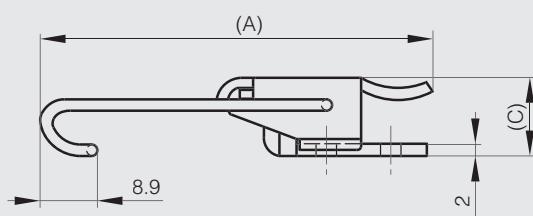
Part number	Material	Finish	A	B	C	Weight (g)
16-7-3948	stainless steel	raw	64	28.7	14	45



Toggle latch without strike - 67.6 mm



Part number	Material	Finish	A	B	C	Weight (g)
16-7-3902	304 stainless steel	raw	67.6	25.4	13.7	32





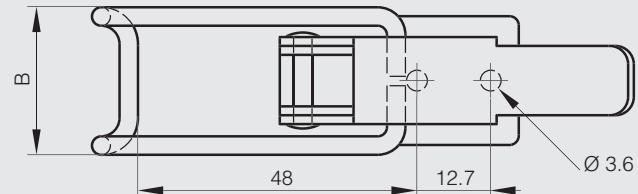
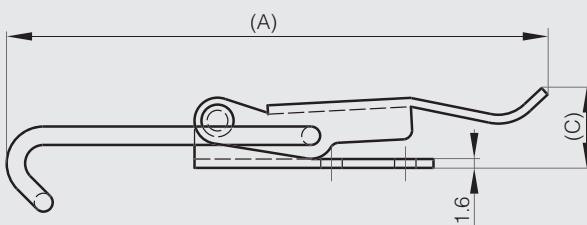
Stainless steel range - Latching systems

Toggles latches

Toggle latch without strike - 93.2 mm



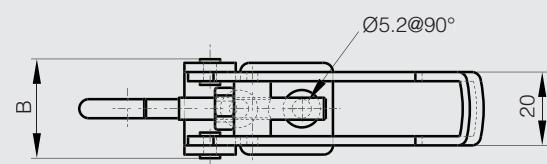
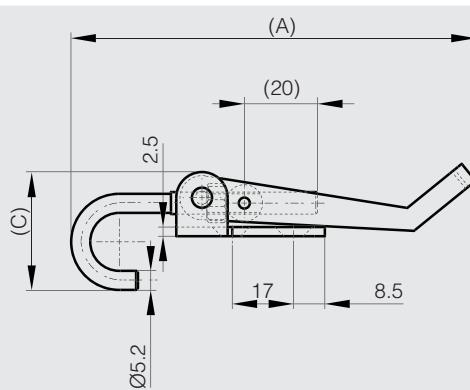
Part number	Material	Finish	A	B	C	Weight (g)
16-7-3903	304 stainless steel	raw	93.2	25.4	13.7	32



Hooked toggle latch without strike



Part number	Material	Finish	A	B	C	Note	Weight (g)
NEW 16-1-4261	304 stainless steel	raw	80	27	32.1	80<A<107	82



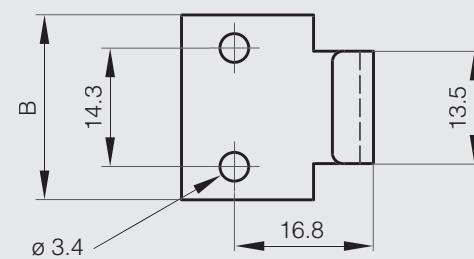
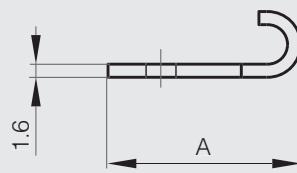


Toggles latches

Alternative strike for toggle latches



Part number	Material	Finish	A	B	Weight (g)
16-7-3872	304 stainless steel	raw	21.4	22.4	9





Stainless steel range - Handles

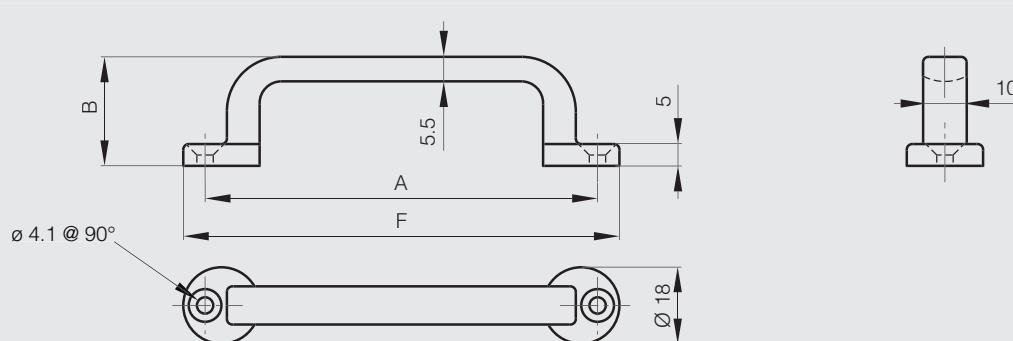
Grab handles

Front mounted grab handle 88 mm

Complete with wood screws.



Part number	Material	Finish	A	B	F	Weight (g)
19-7-3693	304 stainless steel	mirror polished	88	25	100	68.5



Front mounted grab handles 107 mm in steel or stainless steel



Part number	Material	Finish	A	B	C	F	Weight (g)
19-1-3797	304 stainless steel	deburred	107	21	15	120	32





Stainless steel range - Handles

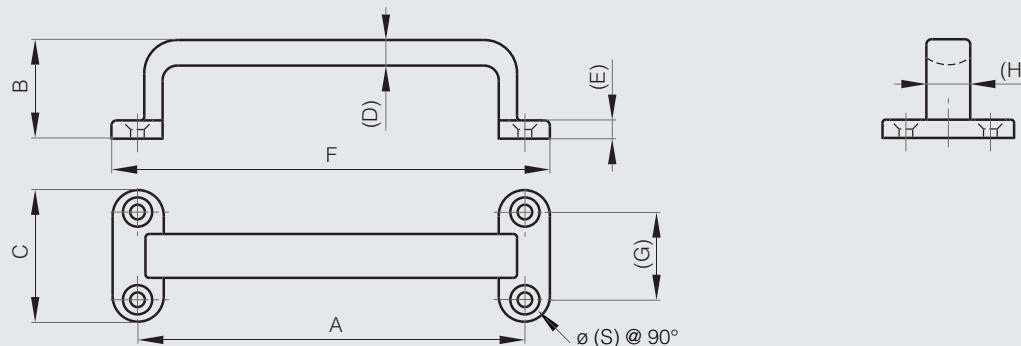
Grab handles

Front mounted grab handles 106 and 126 mm

Complete with wood screws.



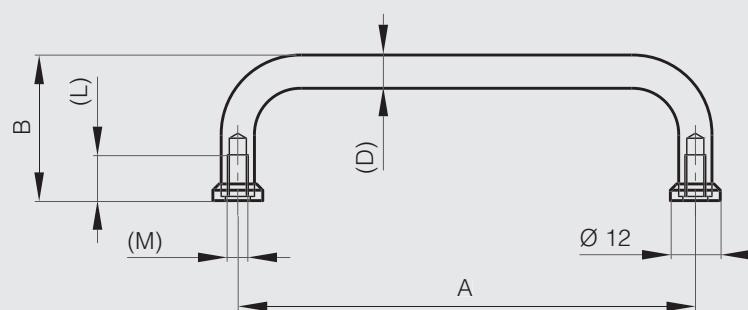
Part number	Material	Finish	A	B	C	D	E	F	G	H	S	Weight (g)
19-7-3694	304 stainless steel	mirror polished	106	27	24	7	5	120	24	12	4.1	131
19-7-3695	304 stainless steel	mirror polished	126	33	30	8	6	150	30	15	5.3	242



Rear mounted grab handles 110 mm



Part number	Material	Finish	A	B	D	L	M	Weight (g)
19-1-3424	304 stainless steel	polished	110	35	8	11	5	61





Stainless steel range - Handles

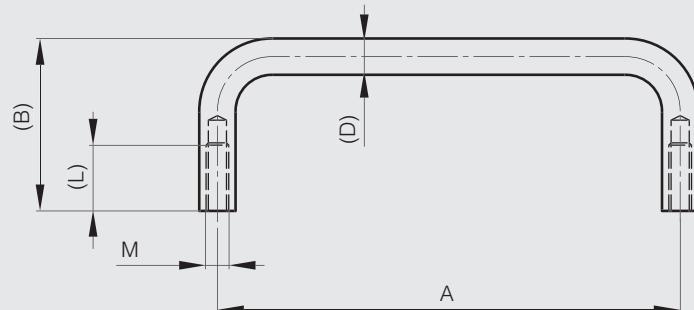
Grab handles

Rear mounted grab handles 95 to 150 mm

For use with M4 screws.

STAINLESS STEEL

Part number	Material	Finish	A	B	D	L	M	Weight (g)
19-7-3701	304 stainless steel	mirror polished	95	28	9	8	4	76
19-7-3700	304 stainless steel	mirror polished	120	28	9	8	4	88
19-7-3699	304 stainless steel	mirror polished	150	28	9	8	4	103

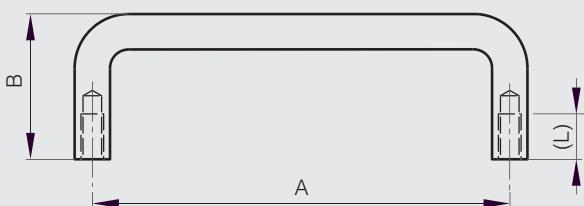


Rear mounted grab handles 92 to 200 mm

Complete with M5 screws for 304 stainless steel version.

STAINLESS STEEL

Part number	Material	Finish	A	B	C	D	L	Weight (g)
19-1-3833	316 stainless steel	mirror polished	92	32	14.8	7.8	10	120
19-7-3696	304 stainless steel	mirror polished	100	40	14	8	11	120
19-1-3834	316 stainless steel	mirror polished	110	32	14.8	7.8	10	120
19-7-3697	304 stainless steel	mirror polished	150	50	14	8	11	174
19-7-3698	304 stainless steel	mirror polished	200	50	14	8	11	210





Stainless steel range - Handles

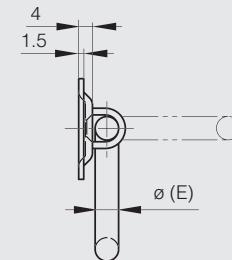
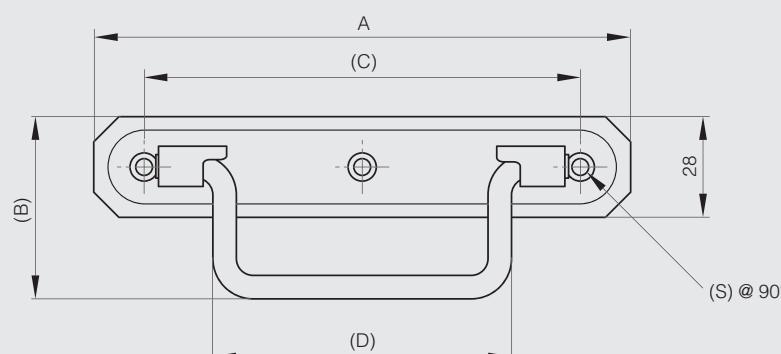
Drop handles

Drop handle with chamfremed angles - load 35 kg

With 90° stop.



Part number	Material	Finish	A	B	C	D	E	S	Note	Weight (g)
19-7-3690	304 stainless steel	raw	158	54	130	89	7	5.2	load: 35 kg / chamfremed angles	120



Spring loaded handles - load 34 kg - 180° opening

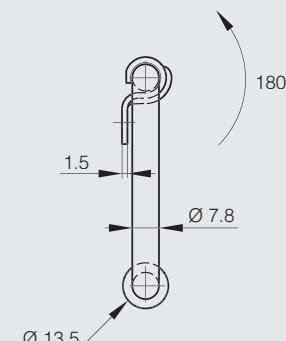
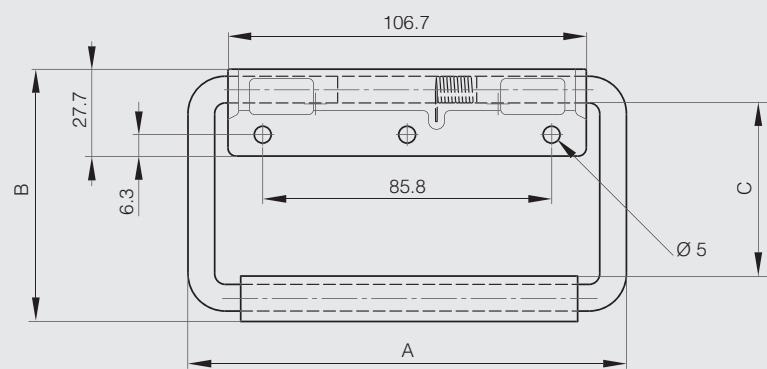
Maximum load: 34 kg.



With 180° stop.

Rubber grip in EPDM.

Part number	Material	Finish	A	B	C	Weight (g)
19-7-3711	stainless steel	passivated	130	75.4	46	227





Stainless steel range - Handles

Drop handles

Spring loaded handles 130.3 mm - load 45 kg

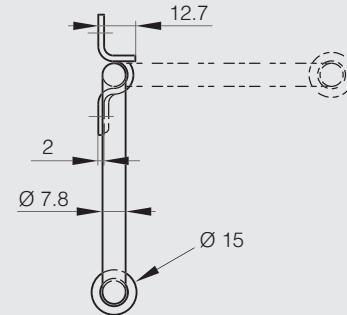
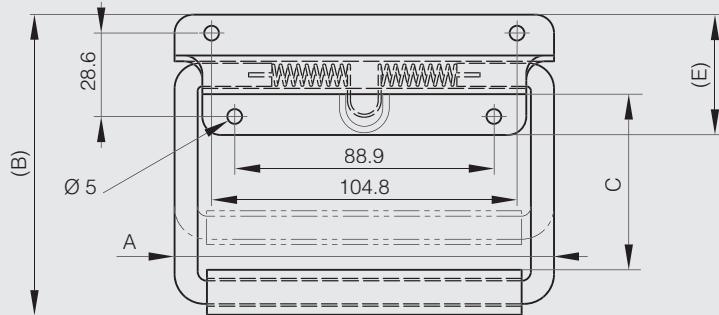
Maximum load: 45 kg.

With 90° stop.

Rubber grip.

STAINLESS
STEEL

Part number	Material	Finish	A	B	C	E	Weight (g)
19-7-3746	stainless steel	raw	130.3	82.6	38.1	41.9	272
19-7-3741	stainless steel	raw	130.3	104.1	60.4	41.9	272



Spring loaded handle 130 mm - load 54 kg

Maximum load: 54 kg.

With 90° stop.

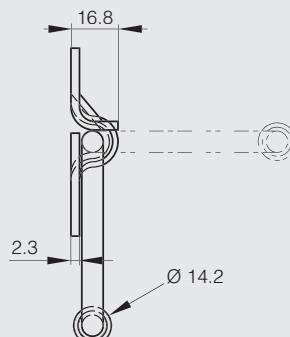
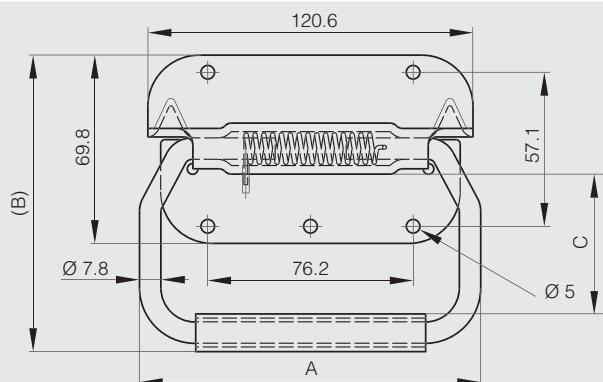
A special aluminium sleeve located between the rubber grip and the bail assures the grip will not ride up on the bail during lifting. Adds comfort and durability.

Fungus resistant neoprene.

Meets military specifications MIL.T.945, MIL.C.4150.

STAINLESS
STEEL

Part number	Material	Finish	A	B	C	Weight (g)
19-7-3725	stainless steel	raw	130	112.7	50.8	317





Stainless steel range - Handles

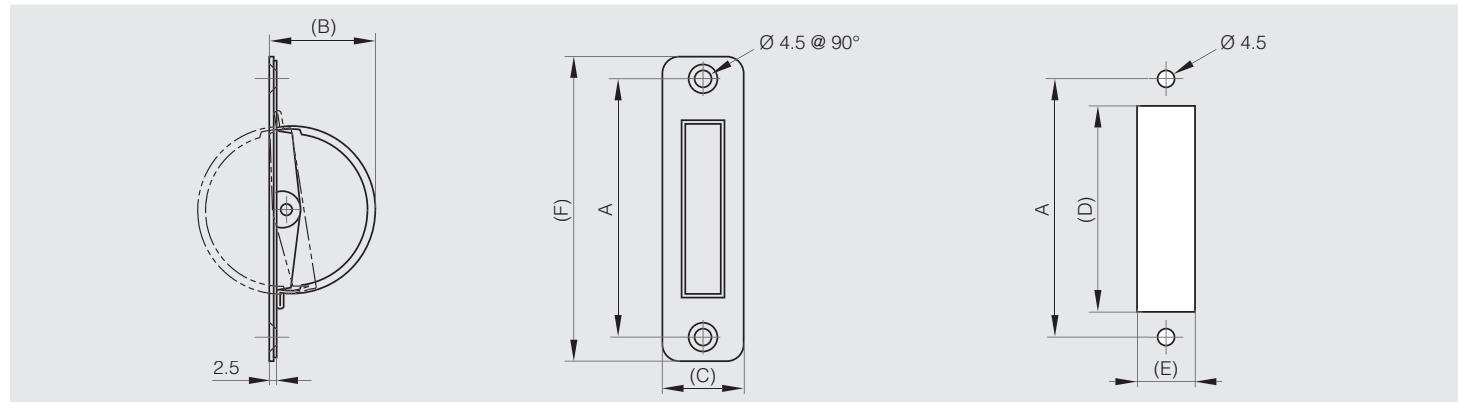
Flush handles

Retractable flush handles in stainless steel



STAINLESS
STEEL RoHS

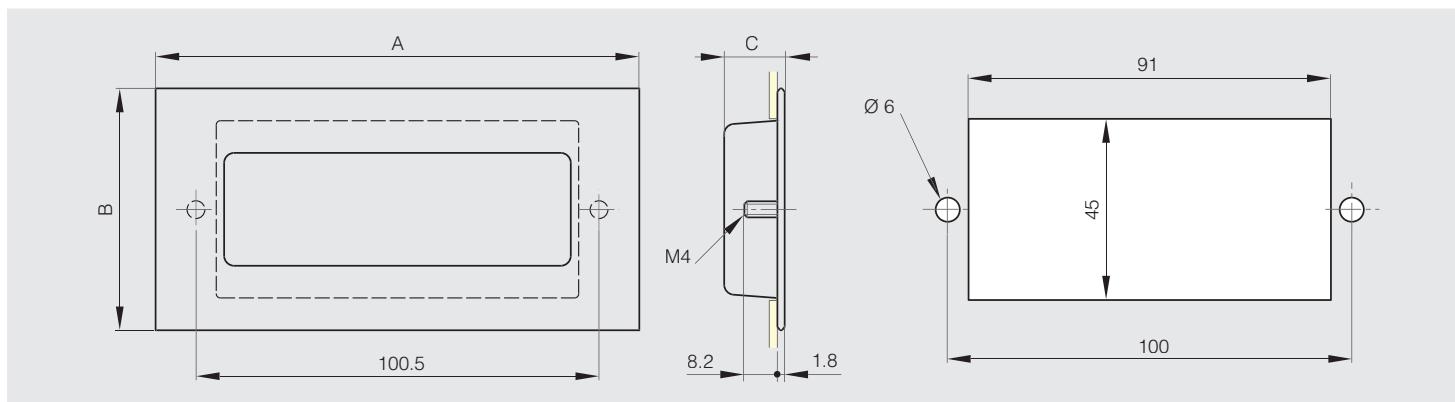
Part number	Material	Finish	A	B	C	D	E	F	Weight (g)
NEW 19-7-3813	304 stainless steel	satin	76	36	24	60	18	90	46
19-7-3814	304 stainless steel	satin	94	42	24	72	18	110	55



Bolt-on flush handle 120 x 60 mm

STAINLESS
STEEL RoHS

Part number	Material	Finish	A	B	C	Weight (g)
19-7-3831	304 stainless steel	satin	120	60	15	54





Stainless steel range - Handles

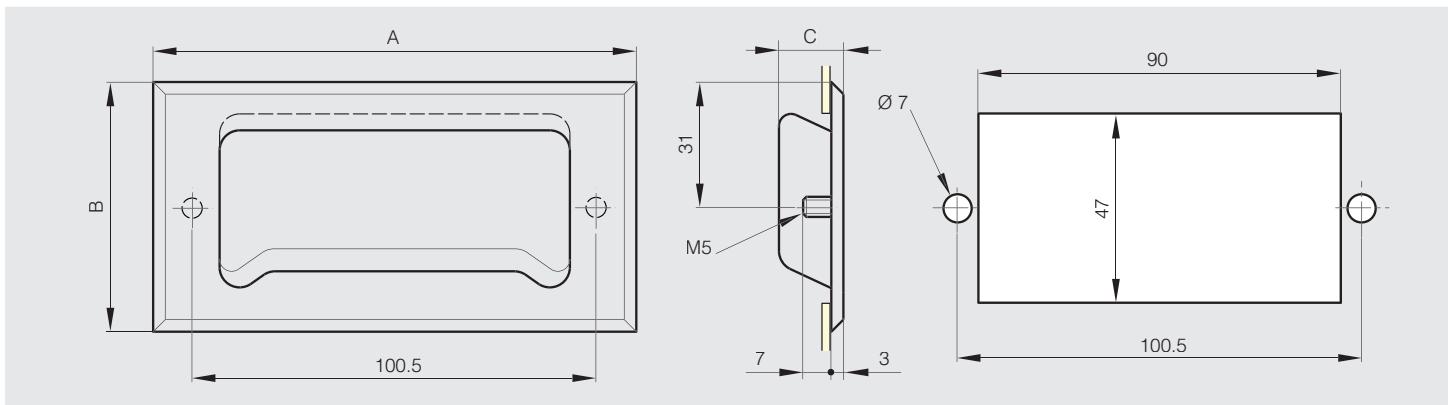
Flush handles

Bolt-on flush handle 120 x 62 mm

Bolt in copper plated steel.

STAINLESS STEEL

Part number	Material	Finish	A	B	C	Weight (g)
19-7-3832	304 stainless steel	satin	120	62	16	60



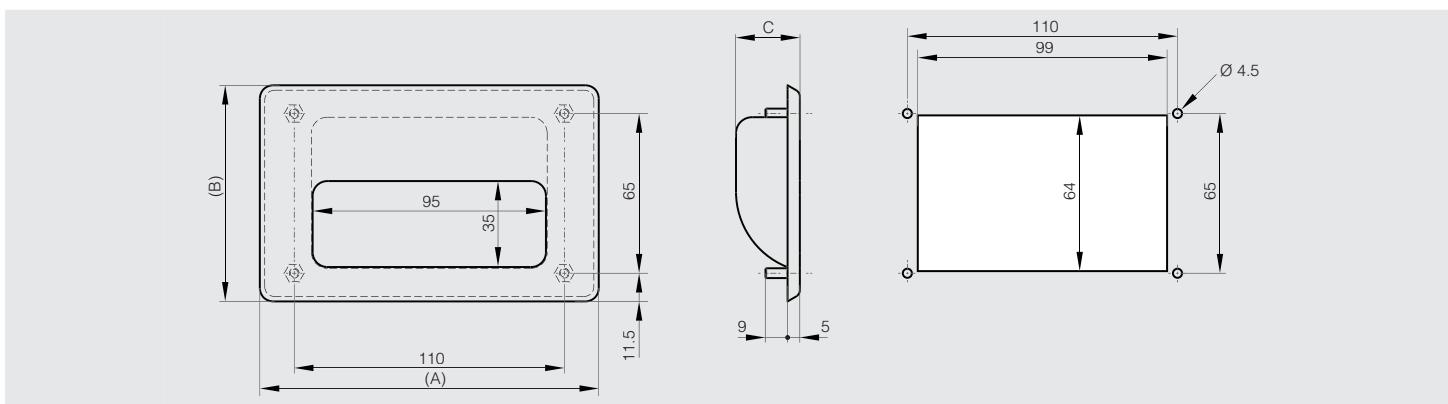
Bolt-on flush handle 138 x 88 mm

Stud in 304 stainless steel.

STAINLESS STEEL
RoHS



Part number	Material	Finish	A	B	C	Weight (g)
19-7-3845	304 stainless steel	satin	138	88	26	170





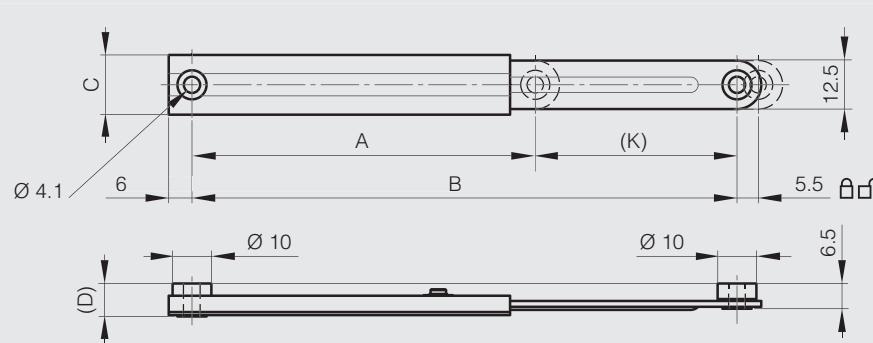
Support stays

Support stays with automatic release - small size

Load capacity: 6 kg.



Part number	Material	Finish	A	B	C	D	K	Weight (g)
24-7-3577	304 stainless steel	raw	67	100	15.4	8.8	32	10
24-7-3571	304 stainless steel	raw	88	140	15.4	8.8	52	40

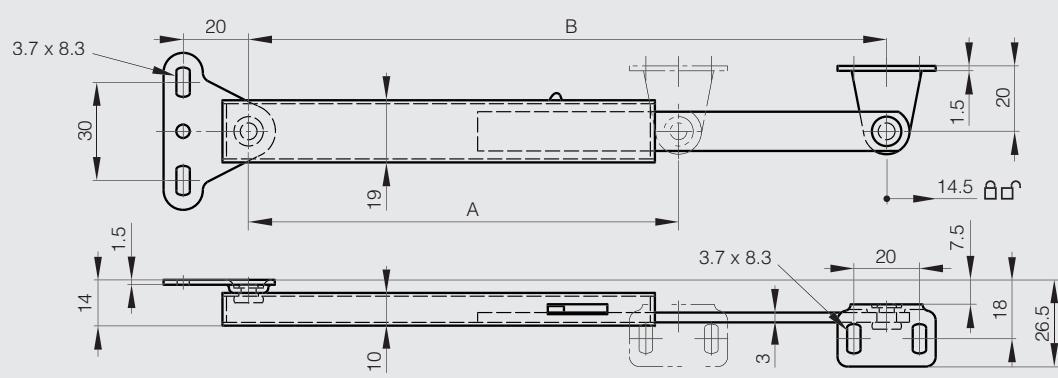


Support stays with automatic release in stainless steel

Load capacity: 15 kg.



Part number	Material	Finish	A	B	Weight (g)
24-7-3552	304 stainless steel	satin	133	195	125
24-7-3553	304 stainless steel	satin	170	270	150





Support stays

Support stays with manual release

A = closed dimension.

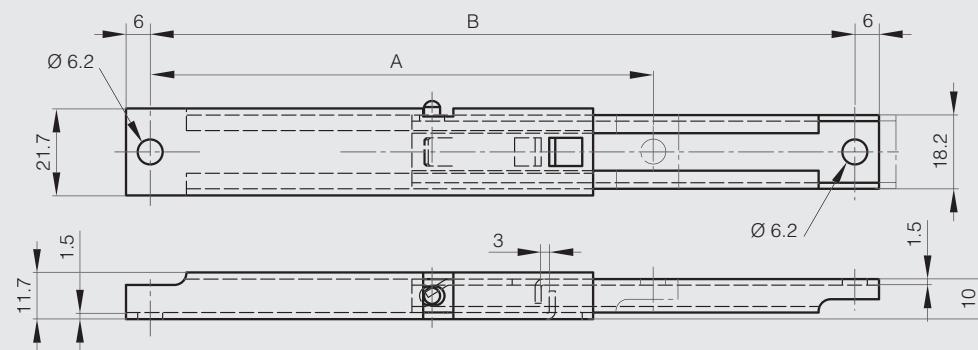
B = extended dimension.

Load capacity: 50 kg.

Push button release.



Part number	Material	Finish	A	B	Weight (g)
24-1-3558	304 stainless steel	raw	125	175	101
24-1-3559	304 stainless steel	raw	150	225	125
24-1-3560	304 stainless steel	raw	175	275	145



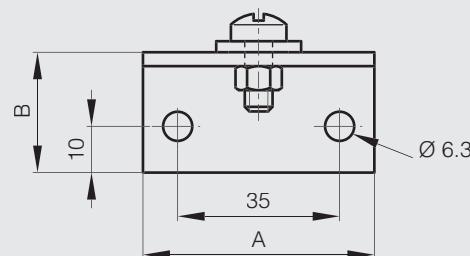
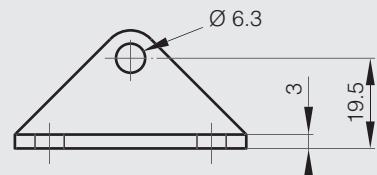
Bracket

Complete with M6 screw, M6 nut and 3 mm thick washer.

For part numbers 24-1-3558, 24-1-3559 and 24-1-3560.



Part number	Material	Finish	A	B	Weight (g)
99-1-3558	stainless steel	raw	50	26	54





Multi-angle lid stay with lock

Locks lid in multiple positions by manually sliding lock lever.

Slide back lever to lock / unlock.

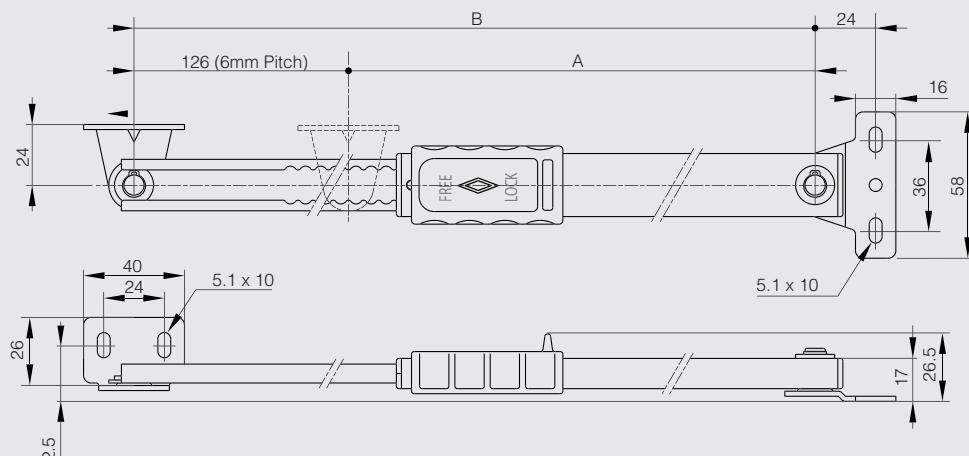
Ideal for vibration or shock applications.

Can be installed individually or in pairs.

Non-handed: can be installed on left or right side.

Compression load: max. 290 N

Part number	Material	Finish	A	B	Weight (g)
24-7-3580	304 stainless steel	satin	224	350	325

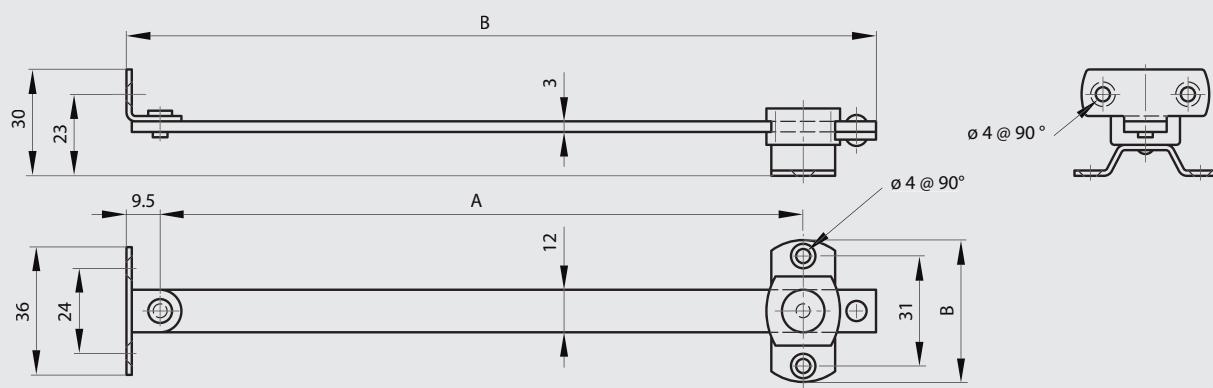


Support stay

For holding lids or panels in open position (vertical to horizontal).



Part number	Material	Finish	A	B	Weight (g)
24-7-3546	304 stainless steel	satin	210	180	89.5
24-7-3547	304 stainless steel	satin	240	210	94.5
24-7-3548	304 stainless steel	satin	270	240	106.5





Stainless steel range - Accessories

Lid stays

Heavy duty spring loaded stay

- Spring mechanism assists in lifting door and holds in open position (10° to 80°).

- Can be installed individually or in pairs.

- Non-handed: can be installed on left or right side.

- Torque calculation:

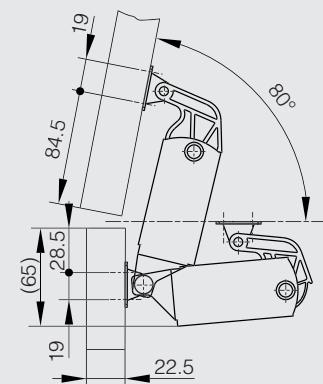
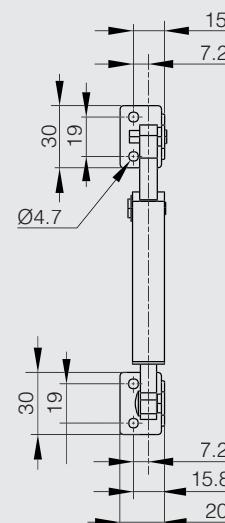
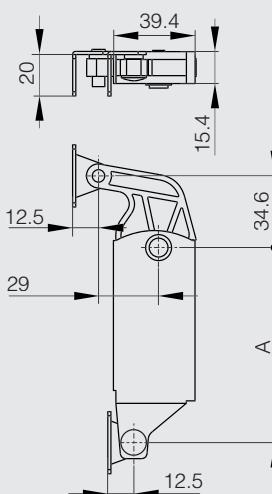
Torque (N.m) = H(m) x 1/2 x W (kg) x 9.8 with:

- H = door height (m).

- W = door weight (kg).



Part number	Material	Finish	A	Torque	Weight (g)
24-7-3579	430 stainless steel	raw	94.2	8.8 - 11.8 N.m	195



Easy Operation with power assist



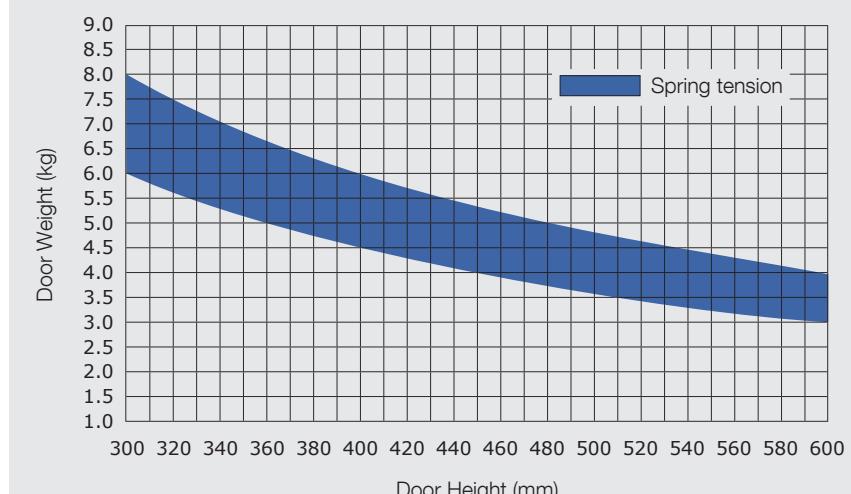
Free stop



Compact



Selection graph





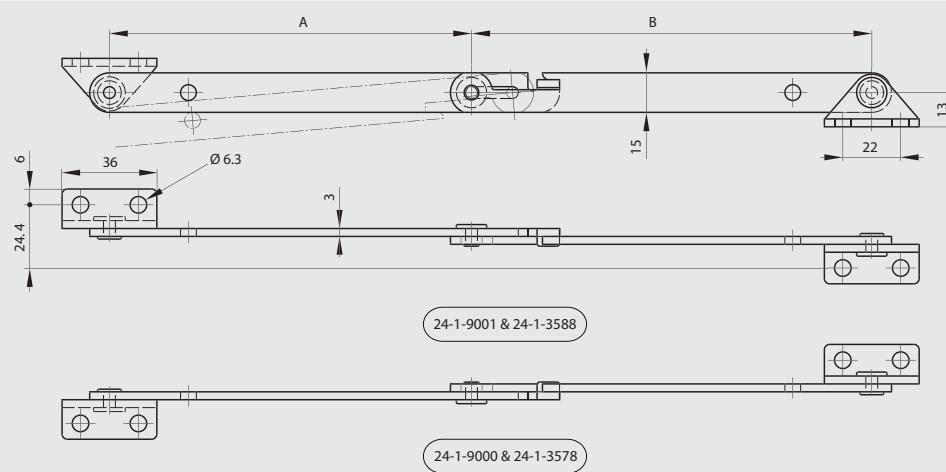
Stainless steel range - Accessories

Lid stays

Stay with safety stop

STAINLESS STEEL RoHS

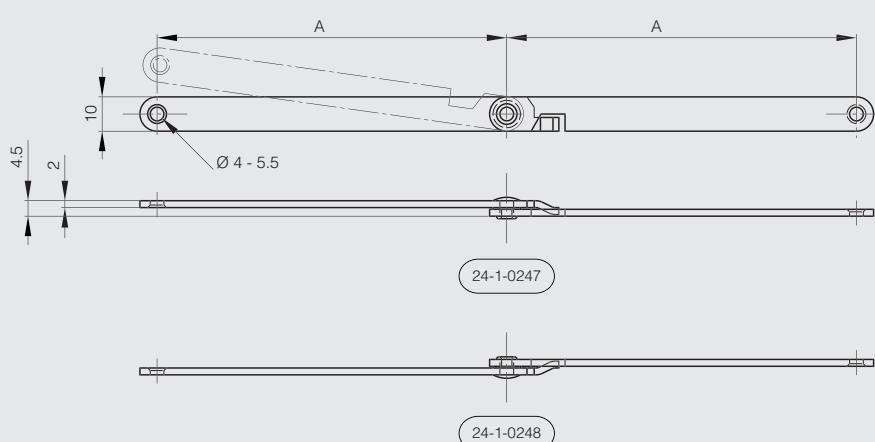
Part number	Material	Finish	A	B	Weight (g)
24-1-9000	304 stainless steel	raw	139	151	148
24-1-9001	304 stainless steel	raw	139	151	148



Stays without bracket

STAINLESS STEEL RoHS

Part number	Material	Finish	A	Weight (g)
24-1-0247	304 stainless steel	polished	102	35
24-1-0248	304 stainless steel	polished	102	35





Lid stays

Folding bracket

Automatically locks when flap is in opened position.

Press lever to release the lock.

Bracket with hinge function in one unit.

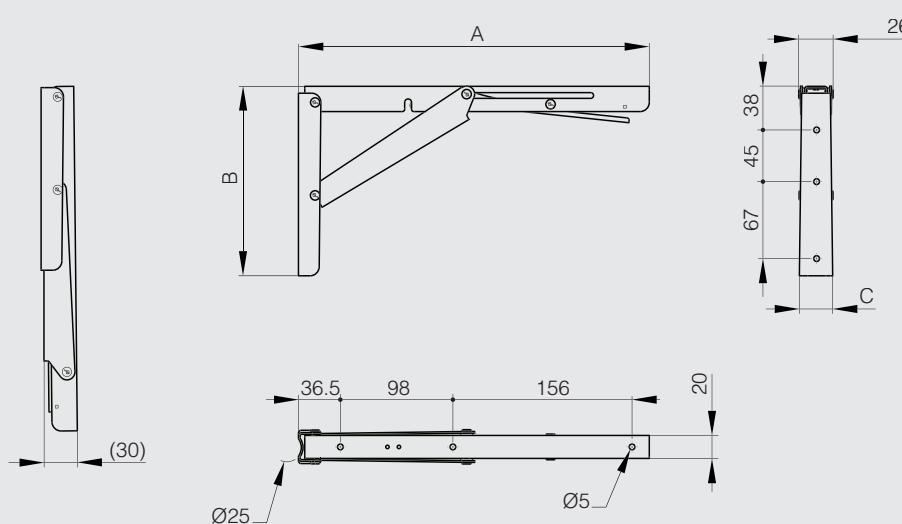
Load capacity: 150 kg.



STAINLESS
STEEL
RoHS



Part number	Material	Finish	A	B	C	Weight (g)
NEW 24-7-3587	304 stainless steel	polished	305.5	165	29	515





Door holders

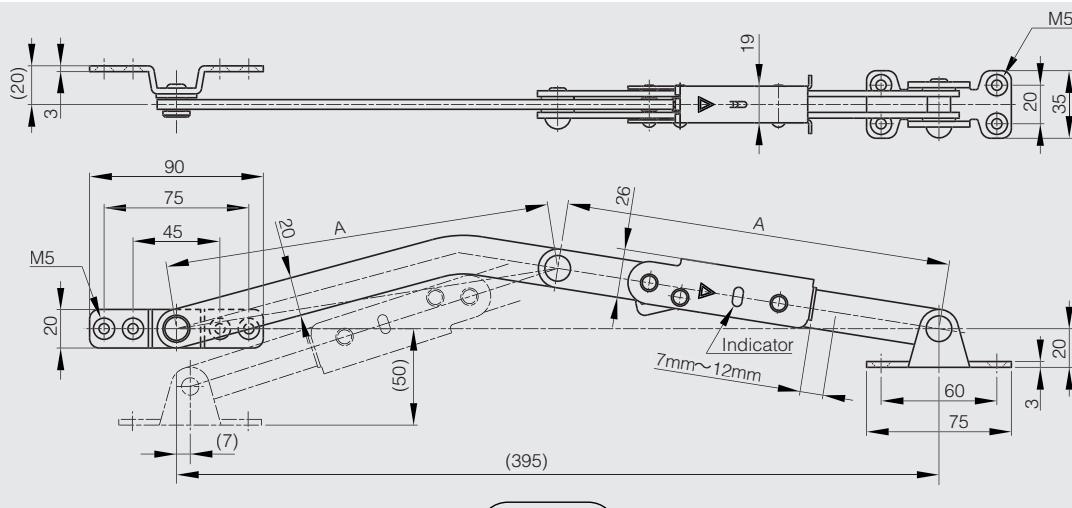
Automatically locks door when fully opened. Slide the locking lever to release the lock.

Tensile force: Max 1500 N.

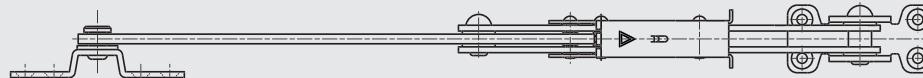
Compression load: Max 600 N.

Handed: specific left and right hand mounting.

Part number	Material	Finish	A	Weight (g)
22-7-3547	304 stainless steel	polished	200	630
22-7-3548	304 stainless steel	polished	200	630



22-7-3547



22-7-3548



Telescopic slides

3/4 extension ball-bearing slide (2 pieces), front disconnect

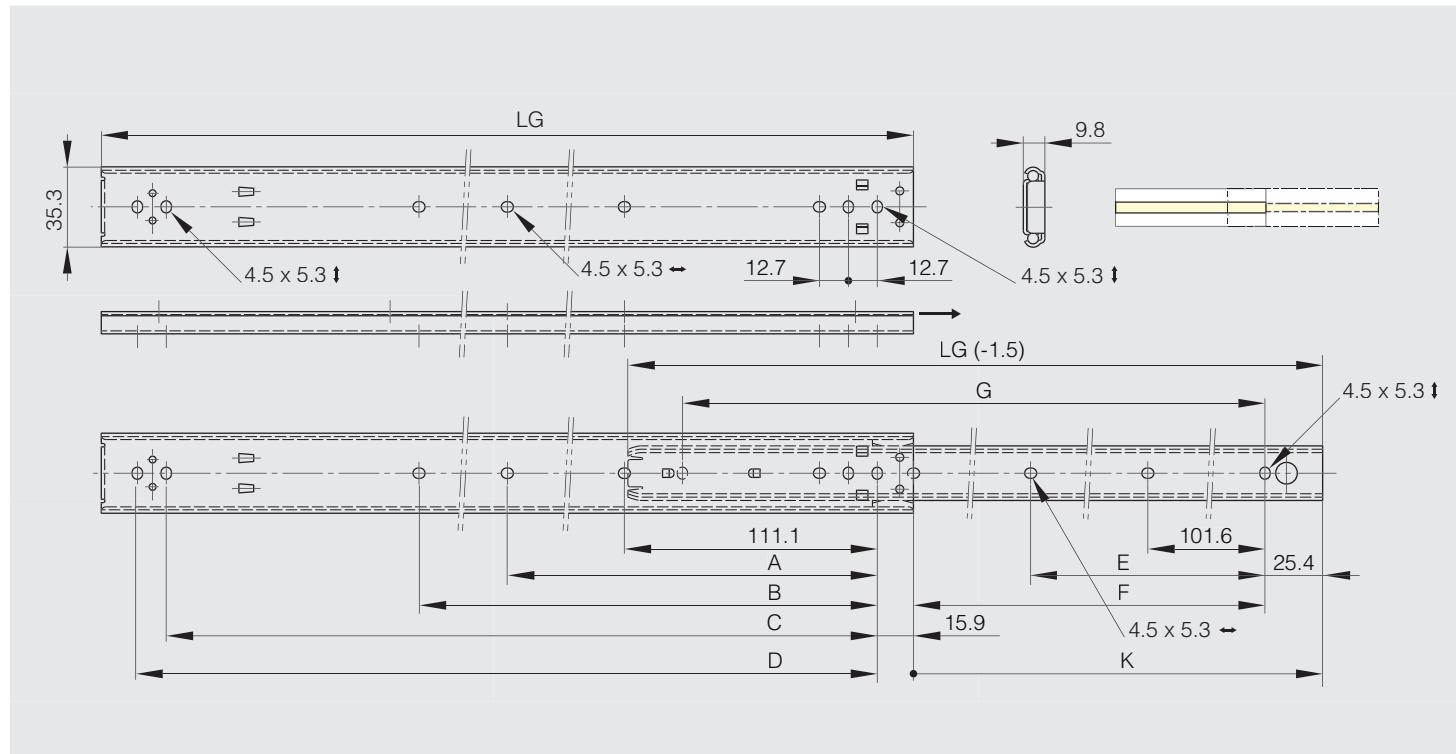
LG = slide length.

K = travel length.

CN = load rating (kg/pair).

 STAINLESS
STEEL
RoHS


Part number	Material	Finish	K	LG	A	B	C	D	E	F	G	CN	Weight (g)
21-7-3576	304 stainless steel	raw	228.6	304.8	-	149.2	260.3	273	-	152.4	254	49	300
21-7-3577	304 stainless steel	raw	279.4	355.6	-	200	311.1	323.8	-	203.2	304.8	47	360
21-7-3562	304 stainless steel	raw	304.8	406.4	-	250.8	361.9	374.6	-	254	359.6	43	420
21-7-3563	304 stainless steel	raw	330.2	457.2	212.7	301.6	412.7	425.4	203.2	304.8	406.4	41	460
21-7-3564	304 stainless steel	raw	382	508	238.1	352.4	463.5	476.2	228.6	355.6	457.2	37	490
21-7-3565	304 stainless steel	raw	406.4	558.8	263.5	403.2	514.3	527	254	406.4	508	34	560
21-7-3566	304 stainless steel	raw	432.8	609.6	288.9	454	565.1	577.8	279.4	457.2	558.8	30	590
21-7-3567	304 stainless steel	raw	482.6	660.4	314.3	504.8	615.9	628.6	304.8	508	609.6	27	660
21-7-3568	304 stainless steel	raw	508	711.2	339.7	555.6	666.7	679.4	330.2	558.8	660.4	25	690





Telescopic slides

Full extension ball-bearing slide (3 pieces), front disconnect and positive lock

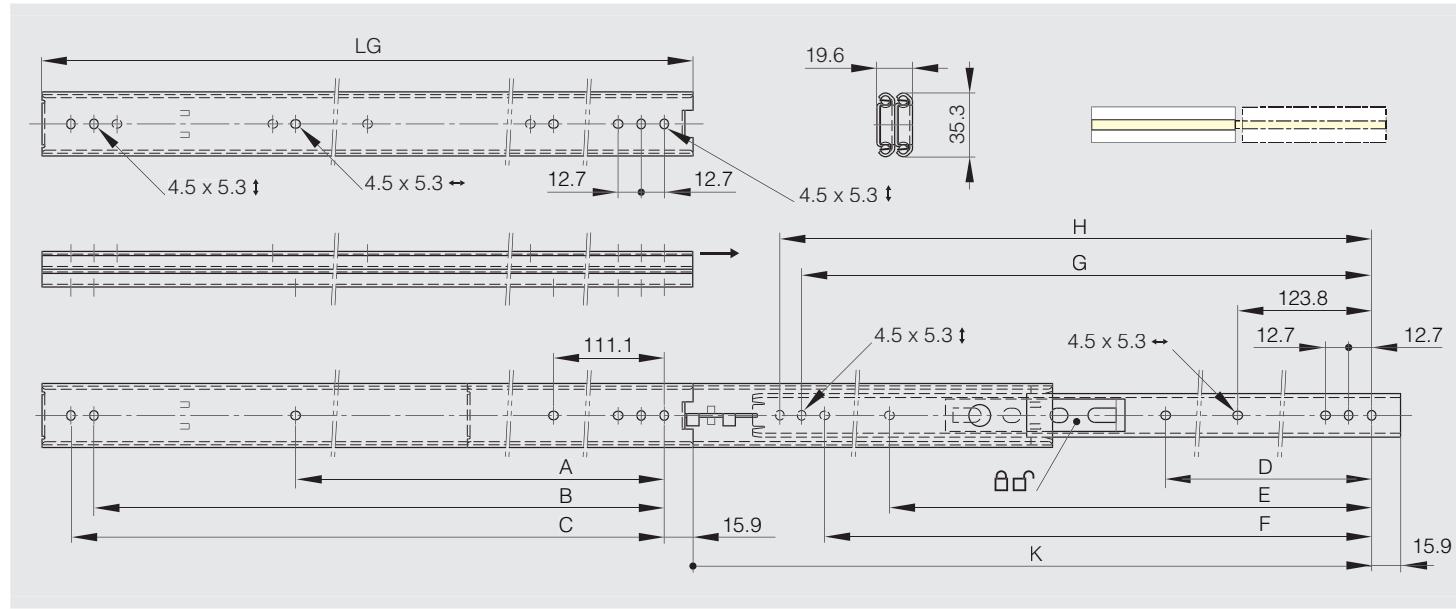
LG = slide length.

K = travel length.

CN = load rating (kg/pair).



Part number	Material	Finish	K	LG	A	B	C	D	E	F	G	H	CN	Weight (g)
21-7-3569	304 stainless steel	raw	421.7	406.4	250.8	361.9	374.6	-	-	349.2	361.9	374.6	57	840
21-7-3570	304 stainless steel	raw	472.5	457.2	301.6	412.7	425.4	212.7	-	400	412.7	425.4	53	950
21-7-3571	304 stainless steel	raw	523.3	508	352.4	463.5	476.2	238.1	-	450.8	463.5	476.2	49	1030
21-7-3572	304 stainless steel	raw	574.1	558.8	403.2	514.3	527	263.5	415.9	501.6	514.3	527	45	1150
21-7-3573	304 stainless steel	raw	624.9	609.6	454	565.1	577.8	288.9	466.7	552.4	565.1	577.8	42	1280
21-7-3574	304 stainless steel	raw	675.7	660.4	504.8	615.9	628.6	314.3	517.5	603.2	615.9	628.6	39	1400
21-7-3575	304 stainless steel	raw	726.5	711.2	555.6	666.7	679.4	339.7	568.3	654	666.7	679.4	36	1500





Telescopic slides

Full extension ball-bearing slide (3 pieces), front disconnect and positive stop

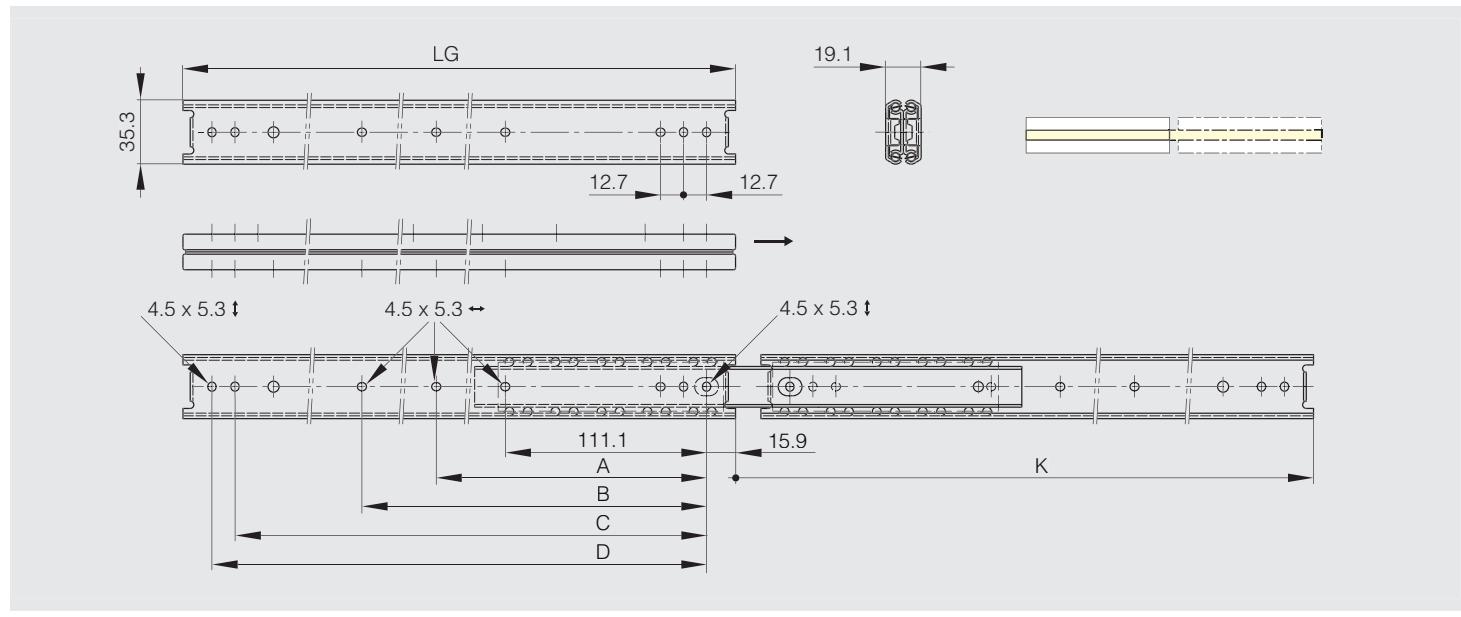
LG = slide length.

K = travel length.

CN = load rating (kg/pair).



Part number	Material	Finish	K	LG	A	B	C	D	CN	Weight (g)
21-7-3578	304 stainless steel	raw	327.2	304.8	-	149.2	260.3	273	60	620
21-7-3579	304 stainless steel	raw	378	355.6	-	200	311.1	323.8	59	720
21-7-3555	304 stainless steel	raw	428.4	406.4	-	250.8	361.9	374.6	57	820
21-7-3556	304 stainless steel	raw	479.2	457.2	212.7	301.6	412.7	425.4	56	920
21-7-3557	304 stainless steel	raw	530	508	238.1	352.4	463.5	476.2	54	1025
21-7-3558	304 stainless steel	raw	580.8	558.8	263.5	403.2	514.3	527	51	1125
21-7-3559	304 stainless steel	raw	631.6	609.6	288.9	454	565.1	577.8	49	1225
21-7-3560	304 stainless steel	raw	682.4	660.4	314.3	504.8	615.9	628.6	47	1325
21-7-3561	304 stainless steel	raw	733.2	711.2	339.7	555.6	666.7	679.4	45	1425





Telescopic slides

Heavy duty, full extension ball-bearing slide (3 pieces), front disconnect and positive stop

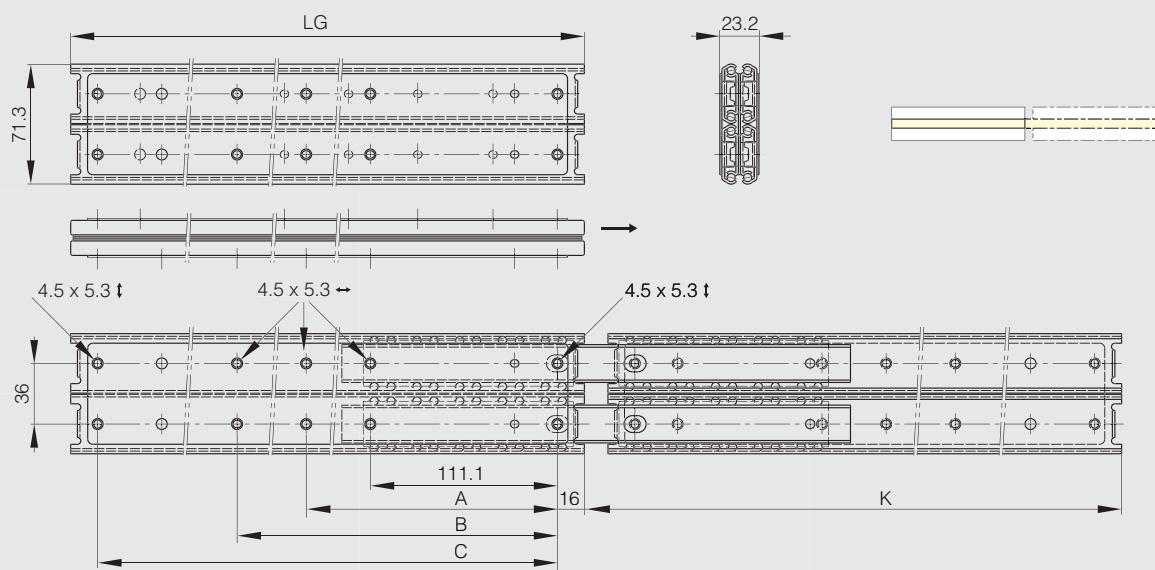
LG = slide length.

K = travel length.

CN = load rating (kg/pair).



Part number	Material	Finish	K	LG	A	B	C	CN	Weight (g)
21-7-3548	304 stainless steel	raw	420.6	406.6	-	250.8	374.6	259	2340
21-7-3549	304 stainless steel	raw	471.4	457.4	212.7	301.6	425.4	250	2500
21-7-3550	304 stainless steel	raw	522.2	508.2	238.1	352.4	476.2	241	2840
21-7-3551	304 stainless steel	raw	573	559	263.5	403.2	527	229	3250
21-7-3552	304 stainless steel	raw	623.8	609.8	288.9	454	577.8	216	3500
21-7-3553	304 stainless steel	raw	674.6	660.6	314.3	504.8	628.6	200	3840
21-7-3554	304 stainless steel	raw	725.4	711.4	339.7	555.6	679.4	182	4170





Full extension ball-bearing slide (3 pieces), soft-closing

LG = slide length.

K = travel length.

CN = load rating (kg/pair).



A teal box containing the text "STAINLESS STEEL" and a white box containing a blue checkmark icon and the text "RoHS".

Soft-close slide.

The drawer can be detached by pushing the lever while pulling the drawer out.

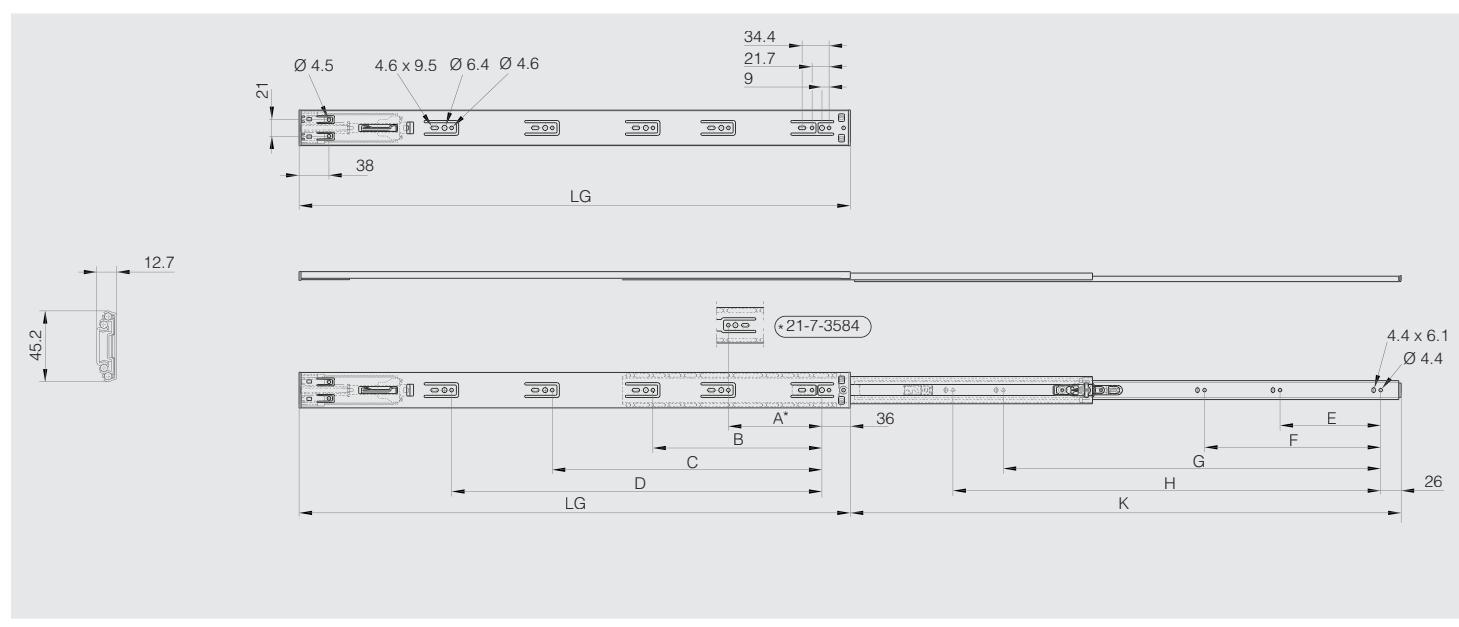
Soft-closes at 20 mm distance from closed position (LG = 300-350 mm) or 36 mm distance from closed position (LG = 400-700 mm).



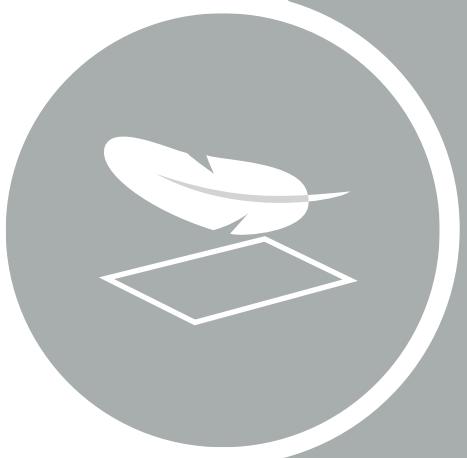
The maximum width of the drawer is the slide length (LG) + 200 mm

Sold in pairs.

Part number	Material	Finish	K	LG	A	B	C	D	E	F	G	H	CN	Weight (g)
NEW 21-7-3584	304 stainless steel	raw	265	300	145	-	-	-	-	-	-	174	16	390
NEW 21-7-3585	304 stainless steel	raw	340	350	151	-	-	-	-	-	-	224	16	465
NEW 21-7-3586	304 stainless steel	raw	400	400	167	-	-	-	96	-	-	256	20	535
NEW 21-7-3587	304 stainless steel	raw	450	450	119	215	-	-	128	-	-	306	30	605
NEW 21-7-3588	304 stainless steel	raw	500	500	119	279	-	-	96	160	-	344	35	680
NEW 21-7-3589	304 stainless steel	raw	550	550	119	215	311	-	96	160	-	394	35	730
NEW 21-7-3590	304 stainless steel	raw	600	600	119	247	375	-	128	192	-	444	35	830
NEW 21-7-3591	304 stainless steel	raw	650	650	119	215	311	407	128	224	416	494	35	905
NEW 21-7-3592	304 stainless steel	raw	700	700	119	215	343	471	128	224	480	544	35	980



ALUMINIUM RANGE



HINGES

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HANDLES

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	Rear mounted grab handles 52 to 120 mm	487
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	Black aluminium rear mounted grab handles 88 to 120 mm	488
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ACCESSORIES		
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NEW	Spring loaded recessed hook	491
NEW	Bracket for spring loaded recessed hook	491
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Aluminium range - Hinges

Continuous hinges

FinAlu® continuous hinge

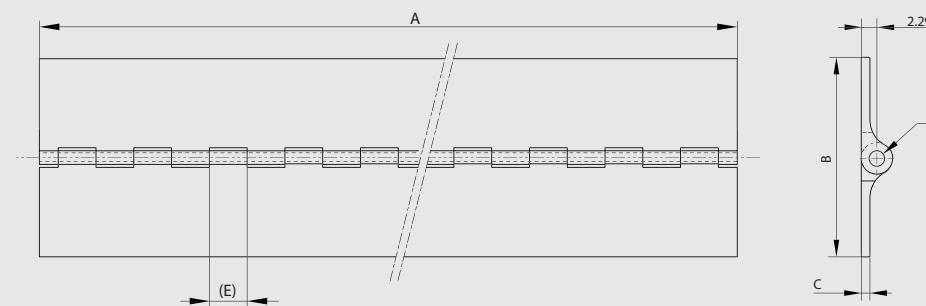
Continuous hinges in aluminium profile with a small pin diameter.

This nice design can be used in many applications (medical, electronic enclosures, food equipment, transportation...).

These hinges have the same dimensions as hinges used in the aircraft industry.



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
72-1-4243	6082 T5 alu	anodised	915	31.75	1.3	2.2	12.7	stainless steel	undrilled	150
72-1-4244	6082 T5 alu	raw	1830	31.75	1.3	2.2	12.7	stainless steel	undrilled	300
72-1-4245	6082 T5 alu	anodised	915	44.45	1.3	2.2	12.7	stainless steel	undrilled	190
72-1-4246	6082 T5 alu	raw	1830	44.45	1.3	2.2	12.7	stainless steel	undrilled	380
72-1-4247	6082 T5 alu	anodised	915	63.5	1.3	2.2	12.7	stainless steel	undrilled	250
72-1-4248	6082 T5 alu	raw	1830	63.5	1.3	2.2	12.7	stainless steel	undrilled	500



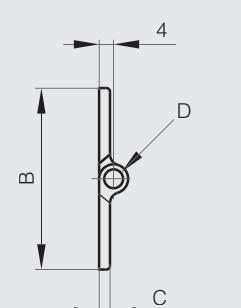
Aluminium profile continuous hinge - 50 mm

Opening angle 270°. Other lengths are available on request.

Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
72-1-3316	6060 T5 alu	raw	2000	50	3	5.2	35.5	304 stainless steel	undrilled	1200





Aluminium range - Hinges

Continuous hinges

Rolled knuckle continuous hinge - 20 mm width

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
41-1-3529	5754 alu	raw	2000	20	0.6	2.4	15	steel	undrilled	117



Rolled knuckle continuous hinge - 25 mm width

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.
Hinge in raw galvanised steel is made of pregalvanised steel. Therefore any cut surface is ungalvanised.



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
NEW 41-1-3559	5754 alu	raw	1000	25	0.8	2	15	steel	undrilled	88

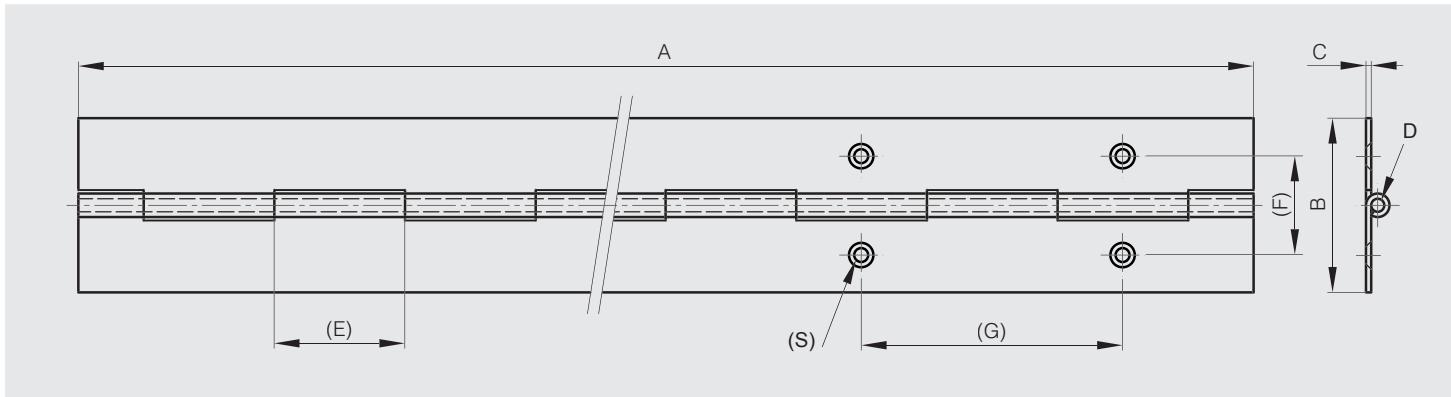


Rolled knuckle continuous hinge - 30 mm width

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
NEW 41-1-3560	5754 alu	raw	1980	30	1	2	15	aluminium	undrilled	205





Aluminium range - Hinges

Continuous hinges

Rolled knuckle continuous hinge - 35 mm width

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
41-1-3532	5754 alu	raw	1995	35	1	3	30	aluminium	undrilled	232



Rolled knuckle continuous hinge - 40 mm width

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
41-1-3540	5754 alu	raw	1000	40	1.2	3	30	aluminium	undrilled	178
41-1-3520	5754 alu	raw	2040	40	1.2	3	30	aluminium	undrilled	356
41-1-3521	5754 alu	raw	2000	40	1.5	4	15	aluminium	undrilled	500

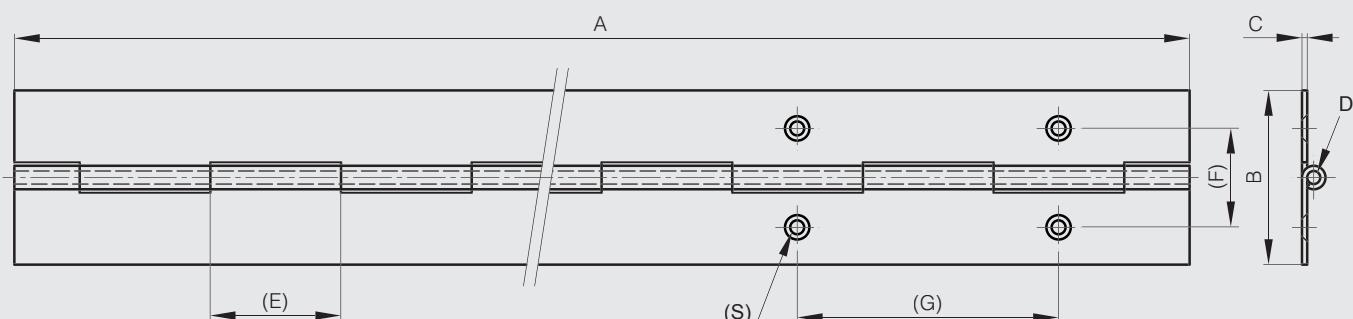


Rolled knuckle continuous hinge - 50 mm width

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
41-1-3531	5754 alu	raw	2040	50	1.2	3	30	aluminium	undrilled	459
41-1-3541	5754 alu	raw	1000	50	1.5	4	15	aluminium	undrilled	306
41-1-3522	5754 alu	raw	2000	50	1.5	4	15	aluminium	undrilled	612





Aluminium range - Hinges

Continuous hinges

Rolled knuckle continuous hinge - 60 mm width

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
41-1-3523	5754 alu	raw	1995	60	2	6	30	aluminium	undrilled	998



Rolled knuckle continuous hinge - 80 mm width

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
41-1-3558	5754 alu	raw	1995	80	3	6	40	aluminium	undrilled	1780

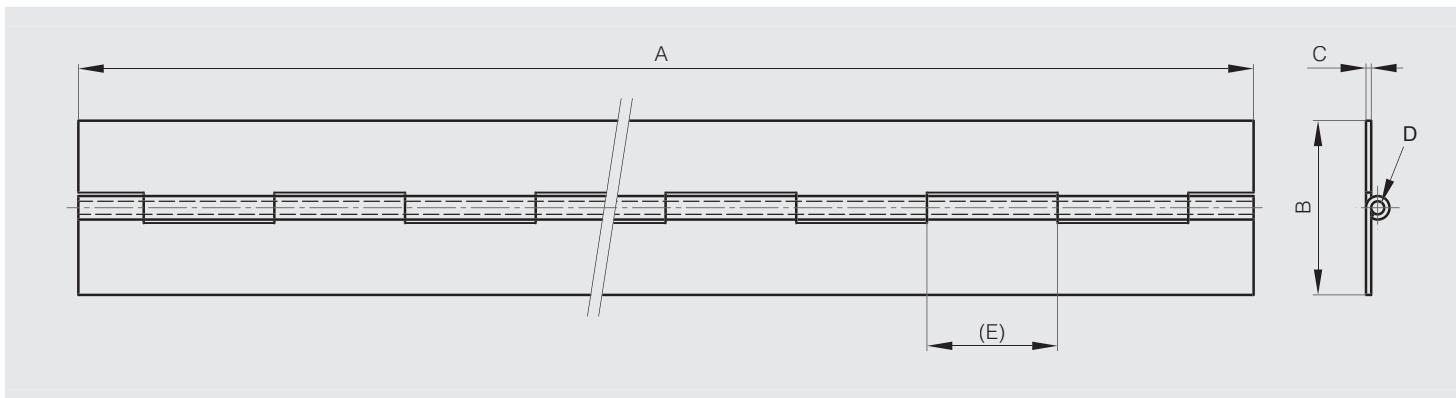


Rolled knuckle continuous hinge - 100 mm width

Opening angle 270°. Other lengths and pin materials are available on request.
Specific drilling requirements are also available on request.



Part number	Material	Finish	A	B	C	D	E	Pin material	Note	Weight (g)
NEW 41-1-3561	5754 alu	raw	1000	100	4	10	40	steel	undrilled	2030



**Double knuckle continuous hinge**

Hinge in aluminium profile for 180° opening angle.

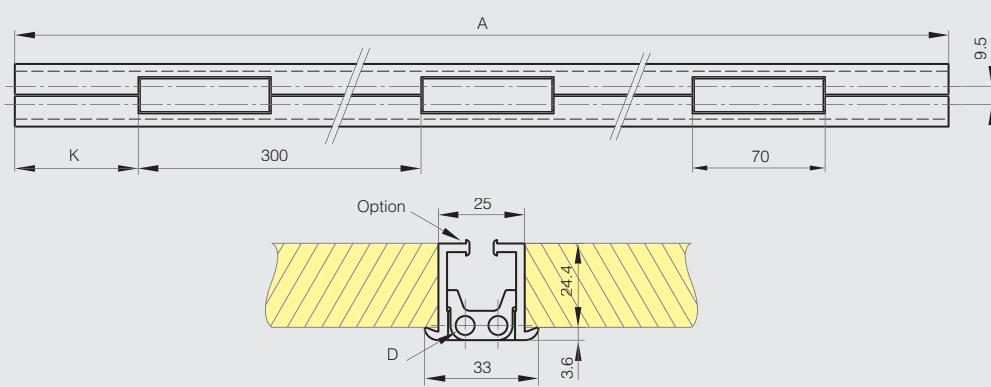
Delivered without watertight gasket (to be ordered separately).

With fixed friction washers.

Non-drilled hinges.



Part number	Material	Finish	A	D	K	Pin material	Weight (g)
73-1-3520	6060 T5 alu	clear anodised	2000	5	65	304 stainless steel	2500
73-1-3521	6060 T5 alu	clear anodised	2500	5	15	304 stainless steel	3140
73-1-3522	6060 T5 alu	clear anodised	3000	5	115	304 stainless steel	3780





Aluminium range - Hinges

Hinges with dual function

Spring hinges - aluminium profile 0.20 N.m

Opening spring force:

M(0°): 0.23 N.m / M(90°): 0.15 N.m / M(180°): 0.08 N.m.

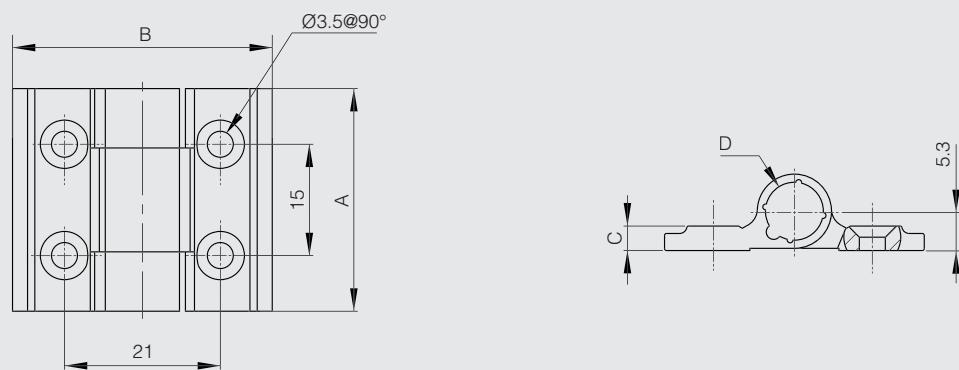
Closing spring force:

M(0°): 0.08 N.m / M(90°): 0.15 N.m / M(180°): 0.23 N.m.

2 other versions available: with friction or with detent mechanism.



Part number	Material	Finish	A	B	C	D	Note	Weight (g)
72-1-4256	6060 T5 alu	clear anodised	30	35	3.3	8	opening spring	10
72-1-4257	6060 T5 alu	black anodised	30	35	3.3	8	opening spring	10
NEW 72-1-4275	6060 T5 alu	clear anodised	30	35	3.3	8	closing spring	10
NEW 72-1-4276	6060 T5 alu	black anodised	30	35	3.3	8	closing spring	10



Spring hinges - aluminium profile 0.35 N.m

Opening spring force:

M(0°): 0.35 N.m / M(90°): 0.24 N.m / M(180°): 0.12 N.m.

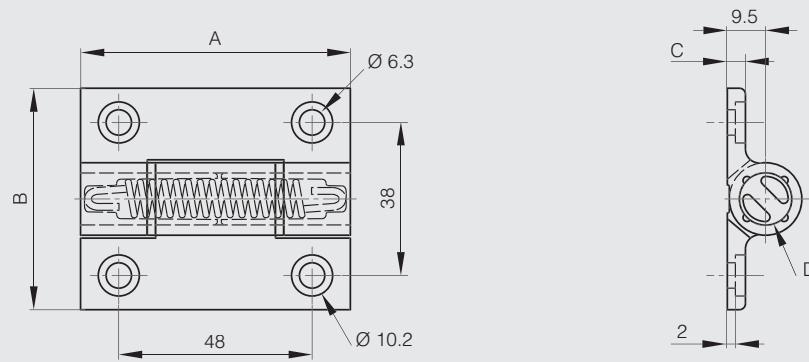
Closing spring force:

M(0°): 0.12 N.m / M(90°): 0.24 N.m / M(180°): 0.35 N.m.

3 other versions available: free swinging, with friction or with detent mechanism.



Part number	Material	Finish	A	B	C	D	Note	Weight (g)
72-1-4220	6060 T5 alu	clear anodised	67	55	4.5	13	opening spring	60
72-1-4221	6060 T5 alu	black anodised	67	55	4.5	13	opening spring	60
NEW 72-1-4292	6060 T5 alu	clear anodised	67	55	4.5	13	opening spring/ delivered flat	60
NEW 72-1-4293	6060 T5 alu	black anodised	67	55	4.5	13	opening spring/ delivered flat	60
NEW 72-1-4286	6060 T5 alu	clear anodised	67	55	4.5	13	closing spring	60
NEW 72-1-4287	6060 T5 alu	black anodised	67	55	4.5	13	closing spring	60





Aluminium range - Hinges

Hinges with dual function

Spring hinges - aluminium profile 0.70 N.m

Opening spring force:

M(0°): 0.7 N.m / M(90°): 0.45 N.m / M(180°): 0.23 N.m.

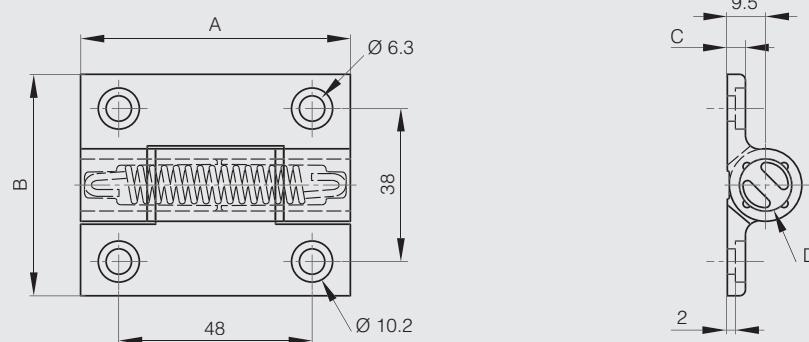
Closing spring force:

M(0°): 0.23 N.m / M(90°): 0.45 N.m / M(180°): 0.7 N.m.

3 other versions available: free swinging, with friction or with detent mechanism.



Part number	Material	Finish	A	B	C	D	Note	Weight (g)
72-1-4218	6060 T5 alu	clear anodised	67	55	4.5	13	opening spring	65
72-1-4219	6060 T5 alu	black anodised	67	55	4.5	13	opening spring	65
NEW 72-1-4294	6060 T5 alu	clear anodised	67	55	4.5	13	opening spring / delivered flat	65
NEW 72-1-4295	6060 T5 alu	black anodised	67	55	4.5	13	opening spring / delivered flat	65
NEW 72-1-4272	6060 T5 alu	clear anodised	67	55	4.5	13	closing spring	65
NEW 72-1-4273	6060 T5 alu	black anodised	67	55	4.5	13	closing spring	65



Spring hinges - aluminium profile 1.3 N.m

Opening spring force:

M(0°): 1.3 N.m / M(90°): 1.1 N.m / M(180°): 0.9 N.m.

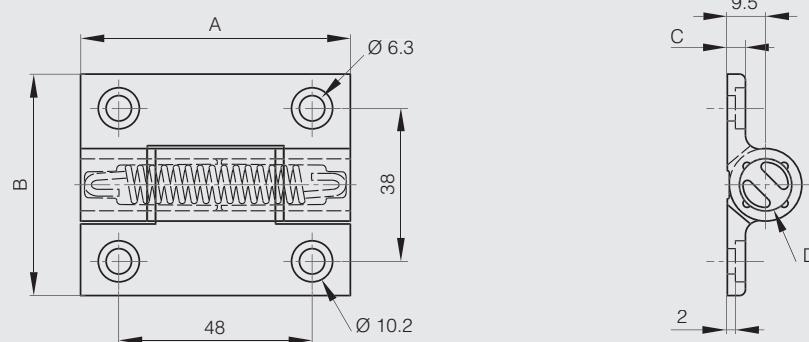
Closing spring force:

M(0°): 0.9 N.m / M(90°): 1.1 N.m / M(180°): 1.3 N.m.

3 other versions available: free swinging, with friction or with detent mechanism.



Part number	Material	Finish	A	B	C	D	Note	Weight (g)
72-1-4222	6060 T5 alu	clear anodised	67	55	4.5	13	opening spring	67
72-1-4223	6060 T5 alu	black anodised	67	55	4.5	13	opening spring	67
NEW 72-1-4296	6060 T5 alu	clear anodised	67	55	4.5	13	opening spring / delivered flat	67
NEW 72-1-4297	6060 T5 alu	black anodised	67	55	4.5	13	opening spring / delivered flat	67
72-1-4260	6060 T5 alu	clear anodised	67	55	4.5	13	closing spring	67
72-1-4261	6060 T5 alu	black anodised	67	55	4.5	13	closing spring	67





Aluminium range - Hinges

Hinges with dual function

Spring hinges - aluminium profile 3.80 N.m

Opening spring force:

M(0°): 3.80 N.m / M(90°): 3.10 N.m / M(180°): 2.40 N.m.

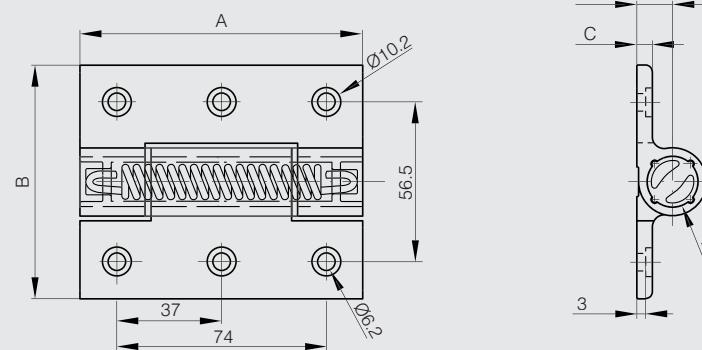
Closing spring force:

M(0°): 2.20 N.m / M(90°): 2.90 N.m / M(180°): 3.50 N.m.



Free swinging hinge without spring available (part number: 72-1-4241 in colorless or 72-1-4242 in black).

Part number	Material	Finish	A	B	C	D	Note	Weight (g)
72-1-4231	6082 T5 alu	clear anodised	100	82.5	5.5	24	opening spring	183
72-1-4232	6082 T5 alu	black anodised	100	82.5	5.5	24	opening spring	183
72-1-4258	6082 T5 alu	clear anodised	100	82.5	5.5	24	closing spring	183
72-1-4259	6082 T5 alu	black anodised	100	82.5	5.5	24	closing spring	183



Spring hinges 50 mm long

Opening spring force:

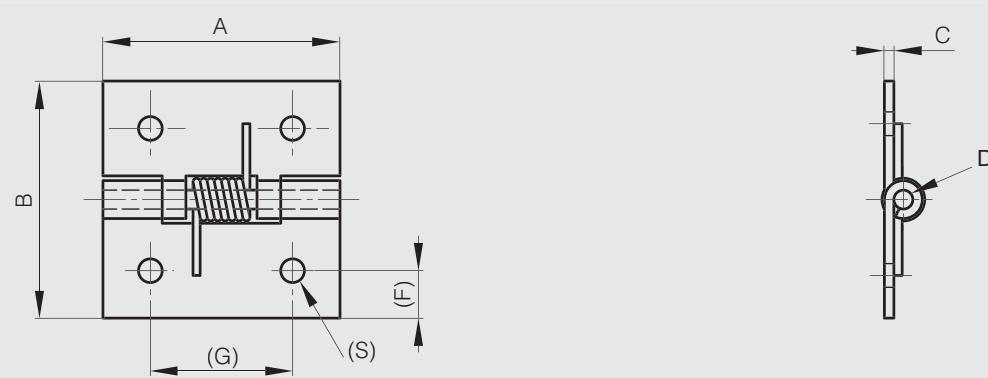
M(0°): 1.5 N.m / M(90°): 1.1 N.m / M(180°): 0.65 N.m.



Closing spring force:

M(0°): 0.25 N.m / M(90°): 0.65 N.m / M(180°): 1.1 N.m.

Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
NEW 71-1-3856	5754 alu	raw	50	50	2	4	9	30	5	Bezinal steel opening spring	22
NEW 71-1-3857	5754 alu	raw	50	50	2	4	9	30	5	Bezinal steel closing spring	22





Aluminium range - Hinges

Hinges with dual function

Opening spring hinges 120 mm long

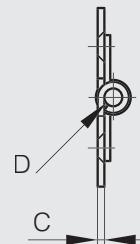
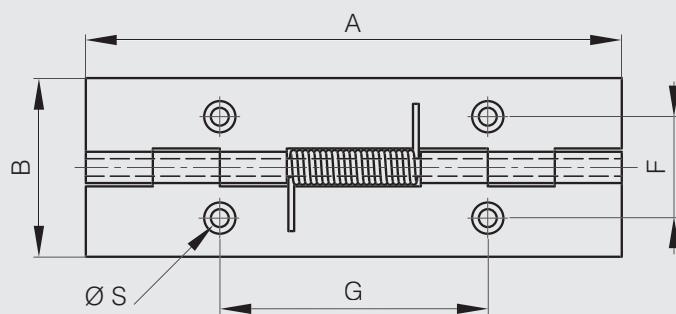
Opening spring force:

M(0°): 0.85 N.m / M(90°): 0.56 N.m / M(180°): 0.28 N.m.

Stainless steel spring.



Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
NEW 71-1-3860	5754 alu	raw	120	40	1.5	4				undrilled	45
NEW 71-1-3861	5754 alu	raw	120	40	1.5	4	22.7	60	4	drilled	45



Closing spring hinges 120 mm long

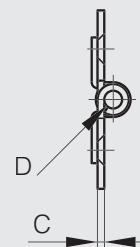
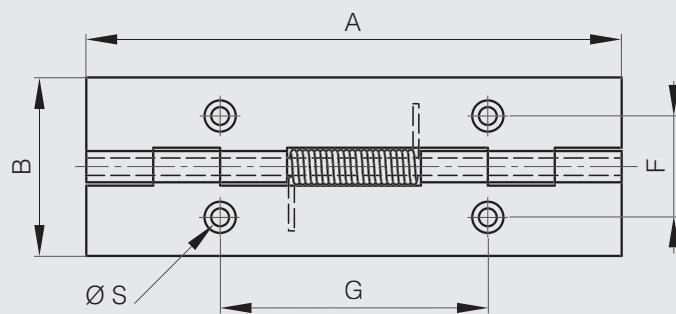
Closing spring force:

M(0°): 0.28 N.m / M(90°): 0.56 N.m / M(180°): 0.85 N.m.

Stainless steel spring.



Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
NEW 71-1-3862	5754 alu	raw	120	40	1.5	4				undrilled	45
NEW 71-1-3863	5754 alu	raw	120	40	1.5	4	22.7	60	4	drilled	45





Small friction hinges - adjustable

Small size friction hinge to maintain a lid / door in position.

The friction torque is adjustable with a hex key.

2 other versions available: with spring or with detent function.

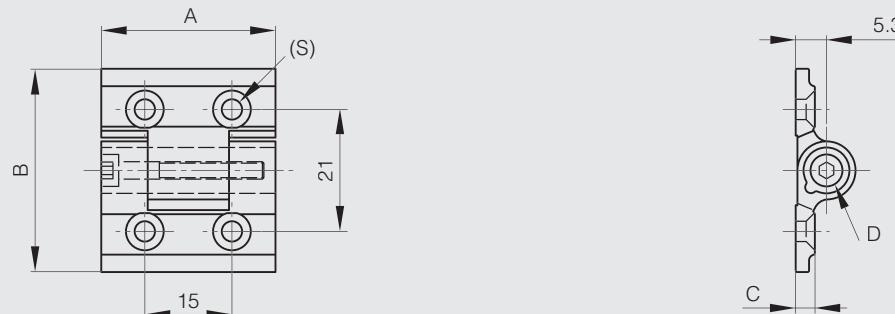
A full product data sheet is available on our website.



ALU



Part number	Material	Finish	A	B	C	D	S	Torque	Weight (g)
72-1-4136	6060 T5 alu	raw	30	35	3	8	3.5	0 - 1 N.m	10
72-1-4160	6060 T5 alu	clear anodised	30	35	3	8	3.5	0 - 1 N.m	10
72-1-4137	6060 T5 alu	black anodised	30	35	3	8	3.5	0 - 1 N.m	10



Large friction hinges - adjustable

Large size friction hinge to maintain a lid / door in position.

The friction torque is adjustable with a hex key.

Available with a choice of studs or holes.

3 other versions available: with spring, with detent function or free swinging.

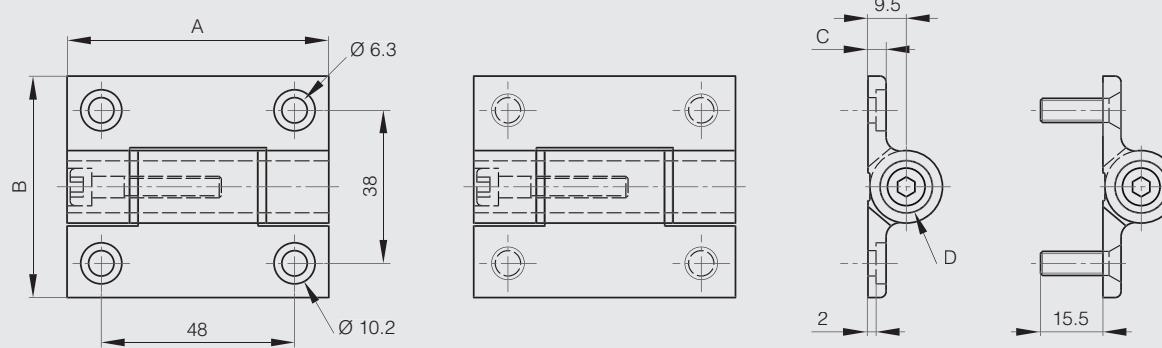
A full product data sheet is available on our website.



ALU



Part number	Material	Finish	A	B	C	D	Torque	Note	Weight (g)
72-1-4145	6060 T5 alu	clear anodised	65	55	4.5	13	0 - 5 N.m	fixing by screw CHC M6	66
72-1-4146	6060 T5 alu	black anodised	65	55	4.5	13	0 - 5 N.m	fixing by screw CHC M6	66
72-1-4147	6060 T5 alu	clear anodised	65	55	4.5	13	0 - 5 N.m	fixing by M6 studs	78
72-1-4148	6060 T5 alu	black anodised	65	55	4.5	13	0 - 5 N.m	fixing by M6 studs	78





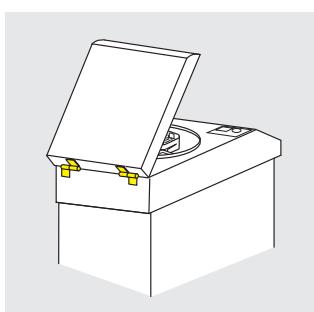
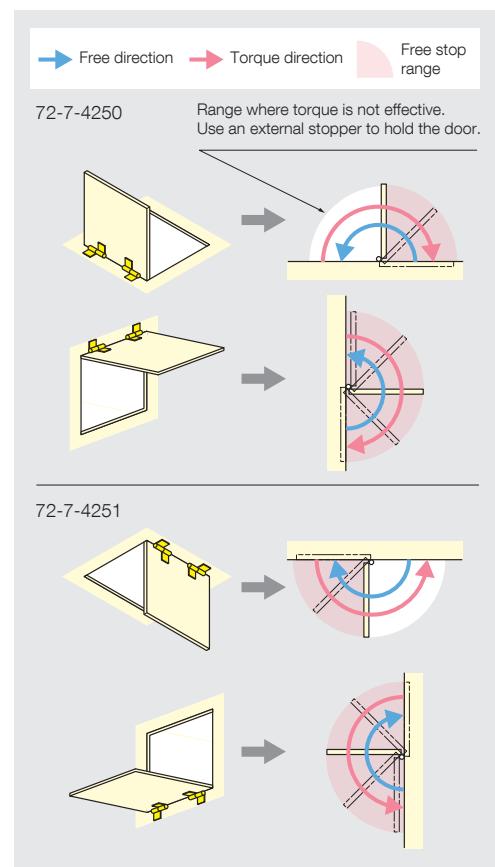
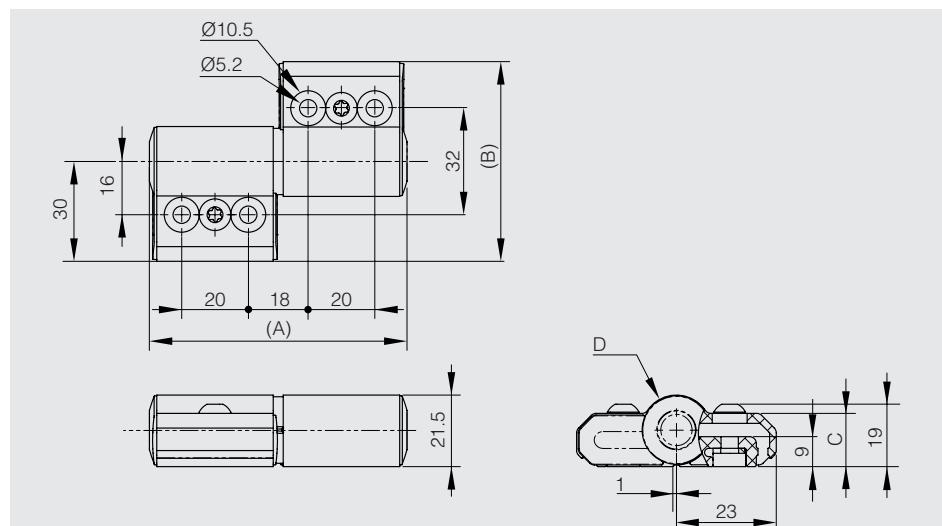
One way torque hinge - constant torque 9 N.m / set



- Aluminium torque hinge.
- Friction in one direction only: allows for frictionless handling of the door in the opposite direction.
- Tested over 30,000 cycles.
- Torque is constant in torque direction.
- Sold in pairs (left / right).
- Ideal to prevent shock to the door and / or safety.
- Torque moment (per set): 9 N.m.
- Initial torque may vary from -20% to +40%.
- Not suited for vibration environment.
- Torque will be affected by temperature.
- Do not lubricate.
- For indoor use only.
- Body in aluminium, shaft in stainless steel, sleeve and cover in polyacetal (POM).



Part number	Material	Finish	A	B	C	D	Torque	Note	Weight (g)
72-7-4250	aluminium	anodised	77.5	60	16	21	9 N.m / set	torque in the clockwise direction sold in pairs	270
72-7-4251	aluminium	anodised	77.5	60	16	21	9 N.m / set	torque in the anti clockwise direction sold in pairs	270



Installation



Hi-Klik™ detent hinges - small

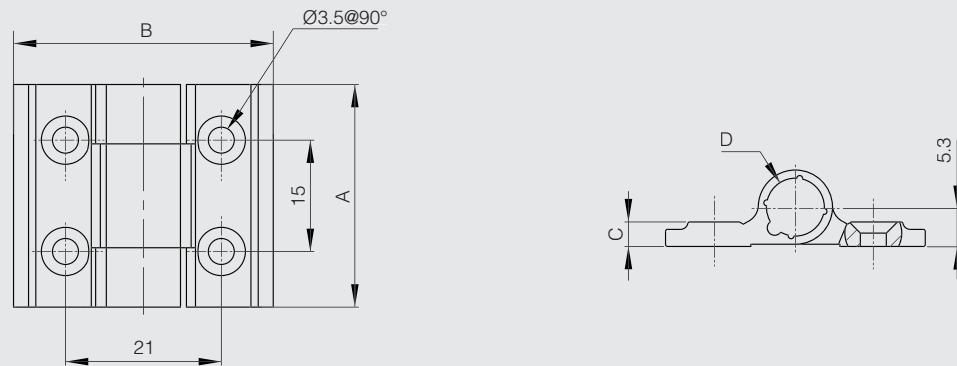
Indented every 30°.

Torque is preset.

2 different versions available: with spring or with friction mechanism.



Part number	Material	Finish	A	B	C	D	Torque	Weight (g)
72-1-4235	6060 T5 alu	clear anodised	30	35	3.3	8	0.4 N.m	10
72-1-4236	6060 T5 alu	black anodised	30	35	3.3	8	0.4 N.m	10



Hi-Klik™ detent hinges - large

Indented every 30°. 4 torque values.

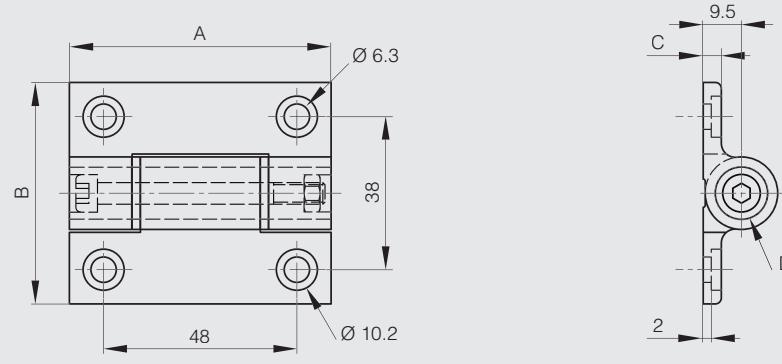
Torque is preset.

3 other versions available: free swinging, with spring or with friction mechanism.

A full product data sheet is available on our website.



Part number	Material	Finish	A	B	C	D	Torque	Weight (g)
72-1-4197	6060 T5 alu	black anodised	67	55	4.5	13	1.8 N.m	106
72-1-4198	6060 T5 alu	black anodised	67	55	4.5	13	2.5 N.m	106
72-1-4225	6060 T5 alu	black anodised	67	55	4.5	13	3.2 N.m	106
72-1-4233	6060 T5 alu	black anodised	67	55	4.5	13	5 N.m	106





Soft-close dampening hinges in aluminium

- Soft-close dampening hinge: soft-close damper keeps lid from slamming shut when the hinge is put in the open position.
- Damper working direction: shown by the arrow in the drawing.
- Operating angle: 115°.
- If the opening angle is wider than 115° (+/- 5°), mechanism is broken and damper doesn't work any longer.



115° ALU



- Provide a door stopper to prevent from overturning beyond the prescribed angle range.

- Do not force the door to close faster in damper effective direction. It can cause damage to the product.
- When the door opening angle is small, the dampers may not work smoothly.
- Torque moment (for one hinge): 2.5 to 4.5 N.m.

- Torque calculation:

Torque (N.m) = L (m) x 1/2 x W (kg) x 9.8 with:

- L = door height in metre.
- W = door weight in kilo.

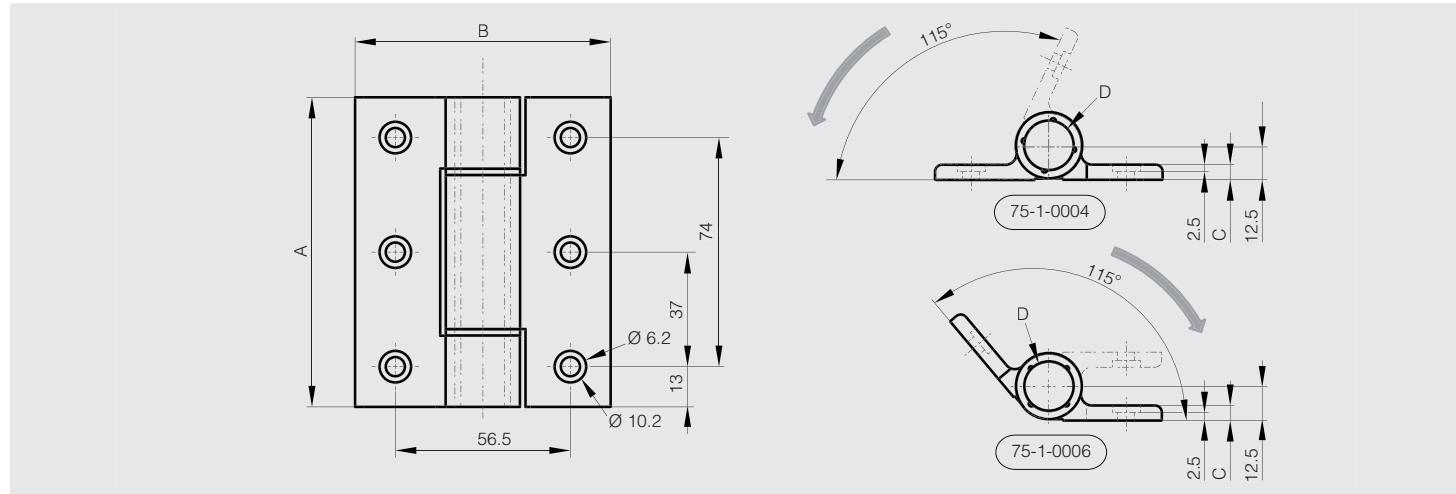
- Operating temperature: 0 to +40°C.

- Soft close of a door (vertical application): door closing system.

Put together with a spring hinge with same dimension (72-1-4231 or 72-1-4232), an automatic soft close of a door is possible without any other component.

Please ask us for more information.

Part number	Material	Finish	A	B	C	D	Torque	Note	Weight (g)
75-1-0004	6082 T5 alu	clear anodised	100	82.5	5.5	18	2.5 - 4.5 N.m	Damper working direction when opening the hinge	242
NEW 75-1-0006	6082 T5 alu	clear anodised	100	82.5	5.5	18	2.5 - 4.5 N.m	Damper working direction when closing the hinge	242





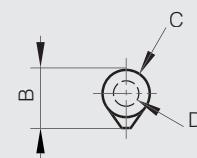
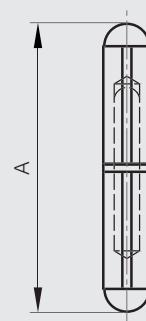
Aluminium range - Hinges

Heavy duty hinges

Round top weld-on aluminium hinges - stainless steel pin - stainless steel washer



Part number	Material	Finish	A	B	C	D	Weight (g)
14-7-3815	aluminium	raw	60	12	10	6	20
14-7-3816	aluminium	raw	80	16	13	8	40
14-7-3817	aluminium	raw	100	20	16	10	75
14-7-3818	aluminium	raw	120	20	16	11	93





Aluminium range - Hinges

Common hinges

Aluminium profile hinges

This hinge has the same footprint and design as our friction, detent and spring hinges.

All are fully interchangeable.

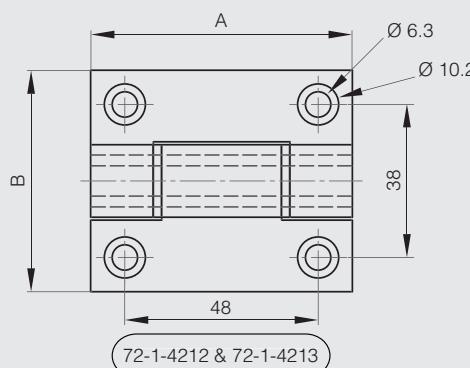
Plastic pin with or without end caps.



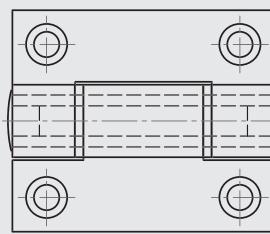
ALU



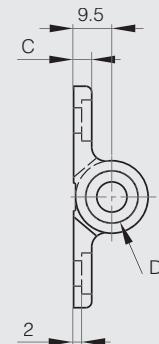
Part number	Material	Finish	A	B	C	D	Note	Weight (g)
72-1-4212	6060 T5 alu	clear anodised	65	55	4.5	13	without cap	130
72-1-4213	6060 T5 alu	black anodised	65	55	4.5	13	without cap	130
72-1-4214	6060 T5 alu	clear anodised	65	55	4.5	13	with cap	130
72-1-4215	6060 T5 alu	black anodised	65	55	4.5	13	with cap	130



72-1-4212 & 72-1-4213



72-1-4214 & 72-1-4215



Heavy duty aluminium profile hinges

Free swinging hinge.

It has the same footprint and design as the spring hinge for heavy duty applications (part numbers: 72-1-4231, 72-1-4232, 72-1-4258 and 72-1-4259).

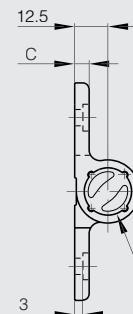
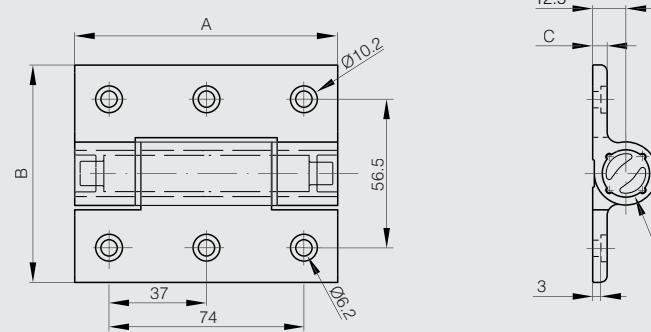
All are fully interchangeable.



ALU



Part number	Material	Finish	A	B	C	D	Weight (g)
72-1-4241	6082 T5 alu	clear anodised	100	82.5	5.5	24	148
72-1-4242	6082 T5 alu	black anodised	100	82.5	5.5	24	148





Aluminium range - Hinges

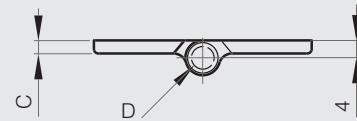
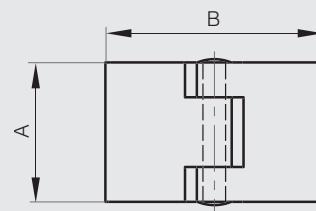
Common hinges

Aluminium hinges - 50 mm width

Hinge with 304 stainless steel riveted pin.



Part number	Material	Finish	A	B	C	D	Weight (g)
72-1-3635	6060 T5 alu	raw	32	50	3	5.2	20
72-1-3636	6060 T5 alu	raw	50	50	3	5.2	30

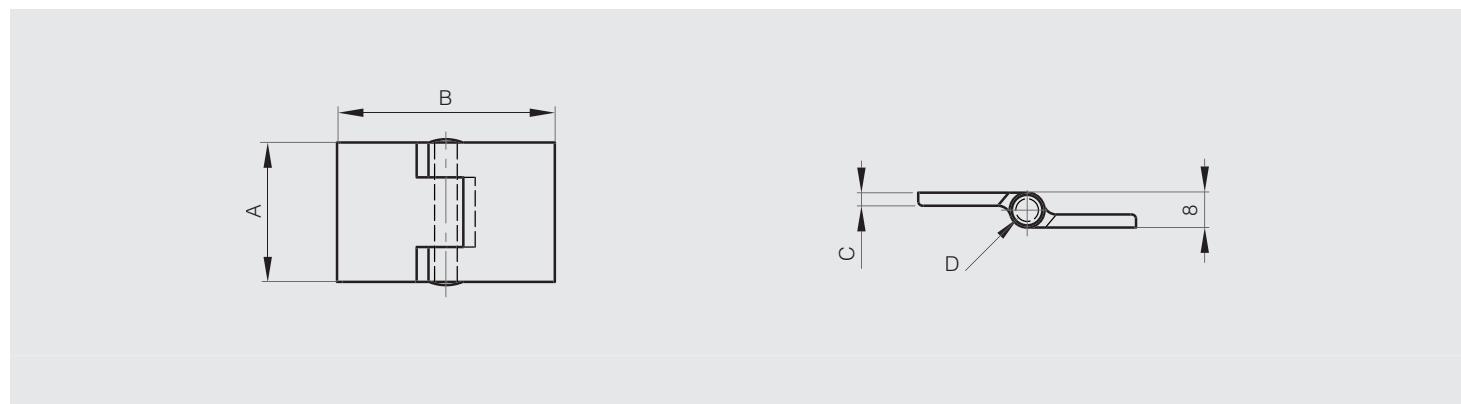
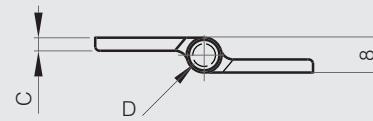
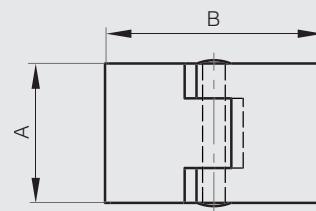


Aluminium hinges with reversed leaves - 50 mm width

Hinge with 304 stainless steel riveted pin.



Part number	Material	Finish	A	B	C	D	Weight (g)
72-1-3637	6060 T5 alu	raw	32	50	3	5.2	20
72-1-3638	6060 T5 alu	raw	50	50	3	5.2	30





Aluminium range - Hinges

Common hinges

Clean room hinge 65 x 60 mm

No metal-to-metal contact. Polyacetal bushings minimize particles.

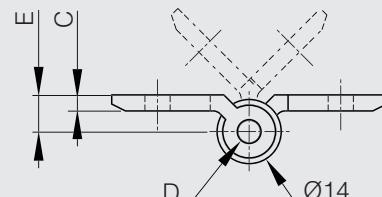
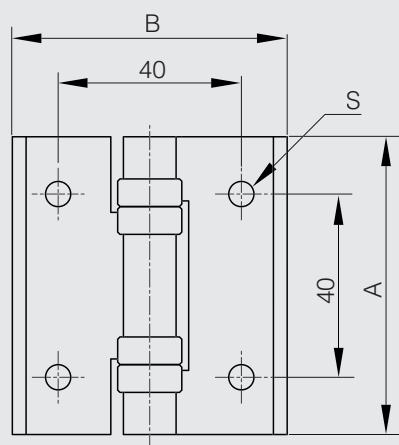
Door size: max. W600 x L800.

Door weigh: max. 13 kg/pair.

303 stainless steel pin.



Part number	Material	Finish	A	B	C	D	E	S	Weight (g)
72-7-4252	aluminium	anodised	65	60	3.5	5	8	5.5	50



Clean room hinge 100 x 60 mm

No metal-to-metal contact. Polyacetal bushings minimize particles.

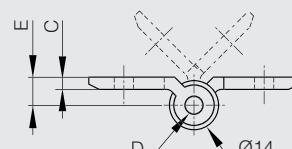
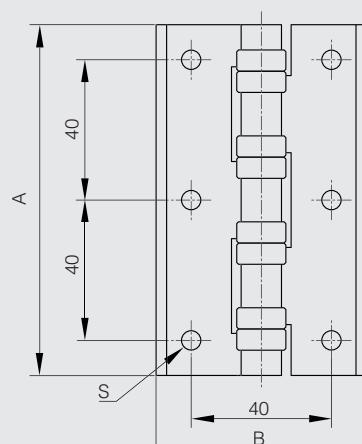
Door size: max. W600 x L800.

Door weight: max. 13 kg/pair.

303 stainless steel pin.



Part number	Material	Finish	A	B	C	D	E	S	Weight (g)
72-7-4253	aluminium	anodised	100	60	3.5	5	8	5.5	78





Aluminium range - Hinges

Common hinges

Clean room lift-off hinges 65 x 60 mm

No metal-to-metal contact. Polyacetal bushings minimize particles.

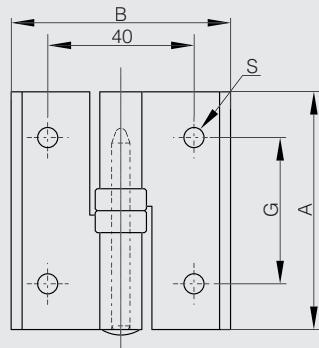
Door size: max. W600 x L800.

Door weight: max. 8 kg/pair.

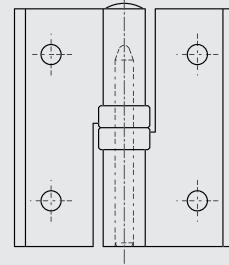
303 stainless steel pin.



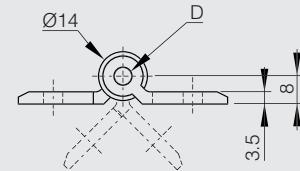
Part number	Material	Finish	A	B	D	G	S	Note	Weight (g)
14-7-3877	aluminium	anodised	65	60	5	40	5.5	type 1	49
14-7-3878	aluminium	anodised	65	60	5	40	5.5	type 2	49



14-7-3877



14-7-3878



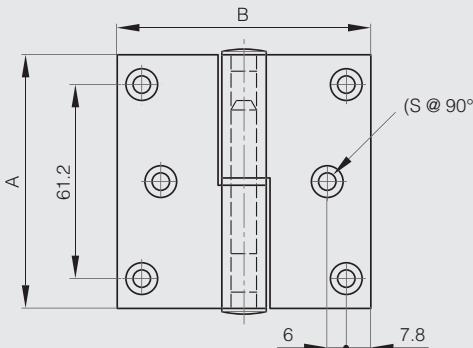
Aluminium lift-off hinges 80 x 80 mm

Zinc plated steel pin.

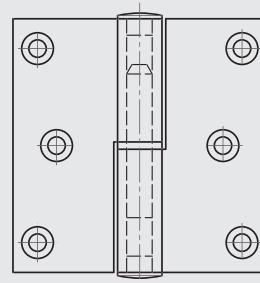
Nylon bushing.



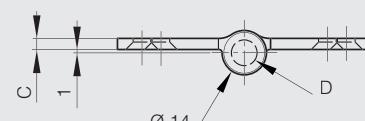
Part number	Material	Finish	A	B	C	D	S	Note	Weight (g)
14-7-3624	aluminium	anodised silver	80	80	3.5	8	5.5	type 1	85
14-7-3625	aluminium	anodised silver	80	80	3.5	8	5.5	type 2	85



14-7-3624



14-7-3625





Aluminium range - Hinges

Common hinges

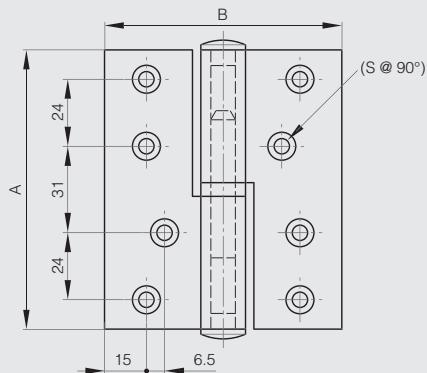
Aluminium lift-off hinges 100 x 85 mm

Zinc plated steel pin.

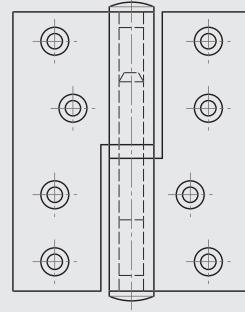
Nylon bushing.



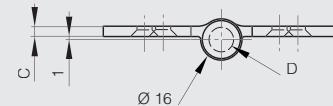
Part number	Material	Finish	A	B	C	D	S	Note	Weight (g)
14-7-3626	aluminium	anodised silver	100	85	3.5	9	5.5	type 1	99
14-7-3627	aluminium	anodised silver	100	85	3.5	9	5.5	type 2	99



14-7-3626



14-7-3627



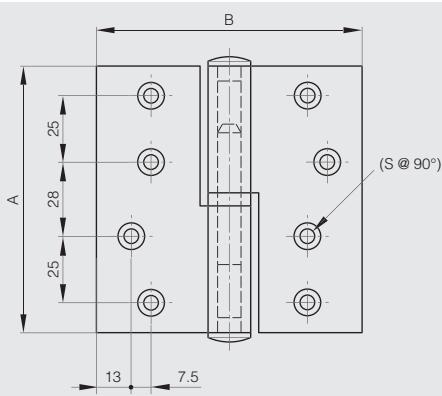
Aluminium lift-off hinges 100 x 100 mm

Zinc plated steel pin.

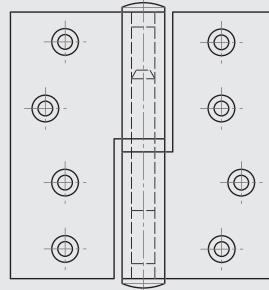
Nylon bushing.



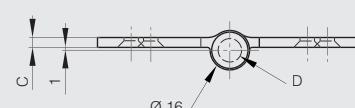
Part number	Material	Finish	A	B	C	D	S	Note	Weight (g)
14-7-3628	aluminium	anodised silver	100	100	4	9	6	type 1	106
14-7-3629	aluminium	anodised silver	100	100	4	9	6	type 2	106



14-7-3628



14-7-3629





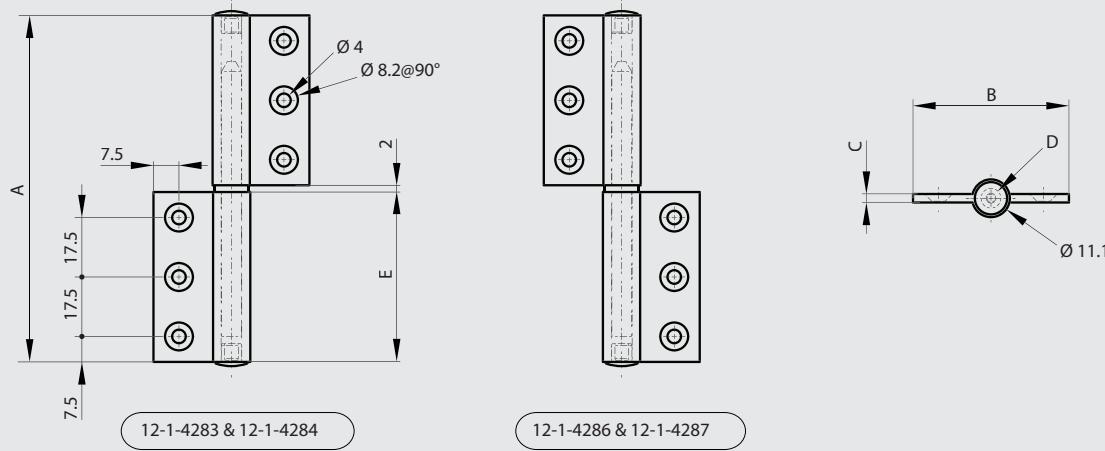
Lift-off hinges in aluminium profile with a stainless steel pin

Stainless steel pin.

Supplied with polymer caps.



Part number	Material	Finish	A	B	C	D	E	Note	Weight (g)
NEW 12-1-4283	6060 T5 alu	clear anodised	102	45.9	2.5	6.1	50	type 1	50
NEW 12-1-4286	6060 T5 alu	clear anodised	102	45.9	2.5	6.1	50	type 2	50
NEW 12-1-4284	6060 T5 alu	black anodised	102	45.9	2.5	6.1	50	type 1	50
NEW 12-1-4287	6060 T5 alu	black anodised	102	45.9	2.5	6.1	50	type 2	50





Aluminium range - Latching systems

Spring loaded latches

Springloaded bolt with locking system in aluminium

Stop when open.

Body: clear anodised aluminium.

Shaft and handle: raw aluminium.

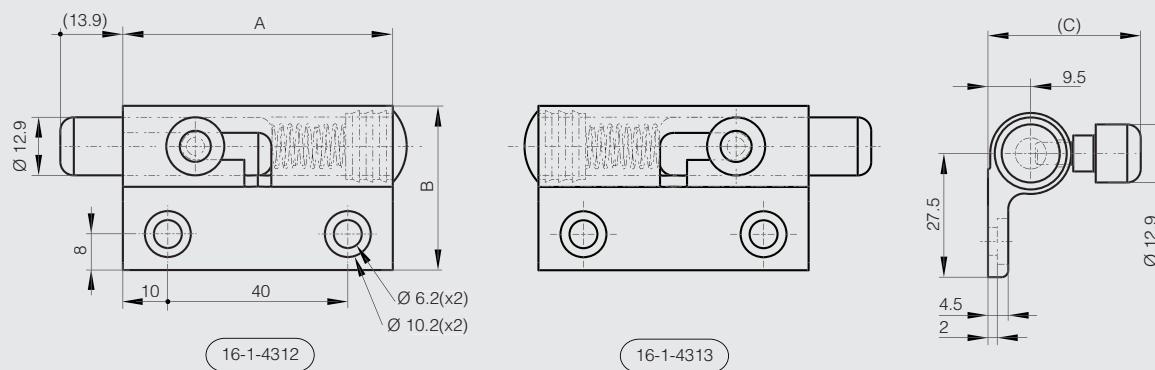
Cap: PE, black.

Spring: stainless steel.



ALU

Part number	Material	Finish	A	B	C	Note	Weight (g)
NEW 16-1-4312	6060 T5 alu	clear anodised	60	37	33.5	type 2	58
NEW 16-1-4313	6060 T5 alu	clear anodised	60	37	33.5	type 1	58



Barrel bolt in aluminium

Body: clear anodised aluminium.

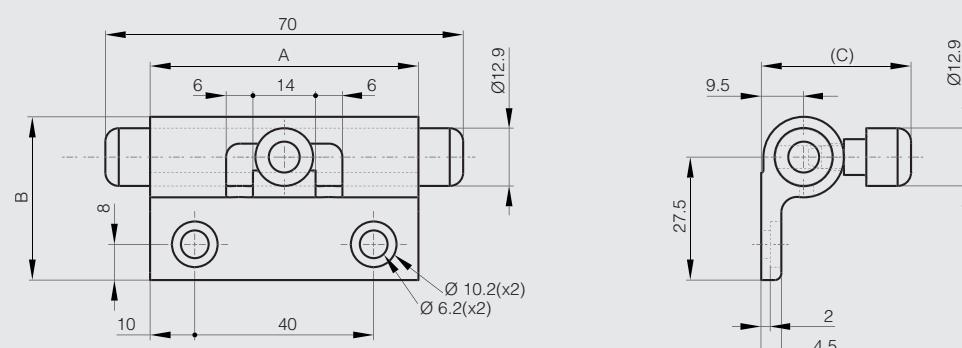
Shaft and handle: raw aluminium.

No strike.



ALU

Part number	Material	Finish	A	B	C	Weight (g)
NEW 16-1-4311	6060 T5 alu	clear anodised	60	36.5	34	65

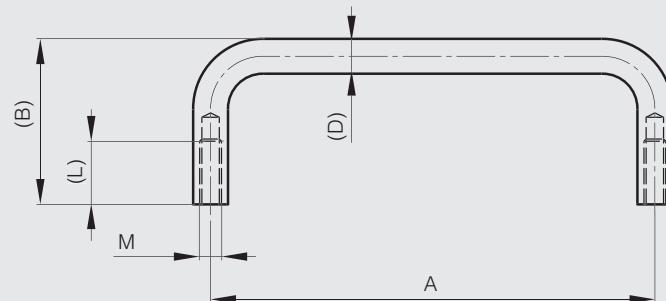




Rear mounted grab handles 92 and 108 mm

ALU

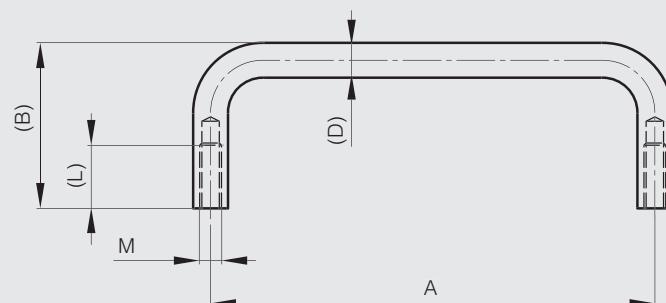
Part number	Material	Finish	A	B	D	L	M	Weight (g)
19-1-3425	aluminium	polished	92	32	10	10	5	26
19-1-3672	aluminium	polished	108	39	10	10	4	30



Rear mounted grab handles 52 to 120 mm

ALU

Part number	Material	Finish	A	B	D	L	M	Weight (g)
19-7-3683	aluminium	clear anodised	52	34	8	10	4	14
19-7-3684	aluminium	clear anodised	80	34	8	12	4	17
19-7-3685	aluminium	clear anodised	100	34	8	12	4	20
19-7-3686	aluminium	clear anodised	120	34	8	10	4	23
19-7-3409	aluminium	polished	100	30	7	8	4	14





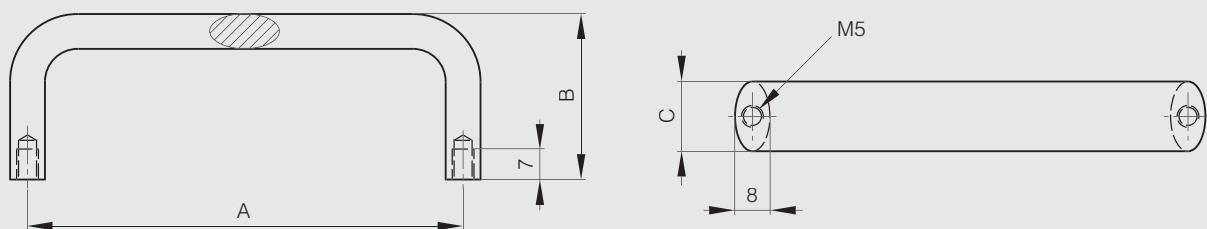
Aluminium range - Handles

Grab handles

Black aluminium rear mounted grab handles 75 to 150 mm

ALU

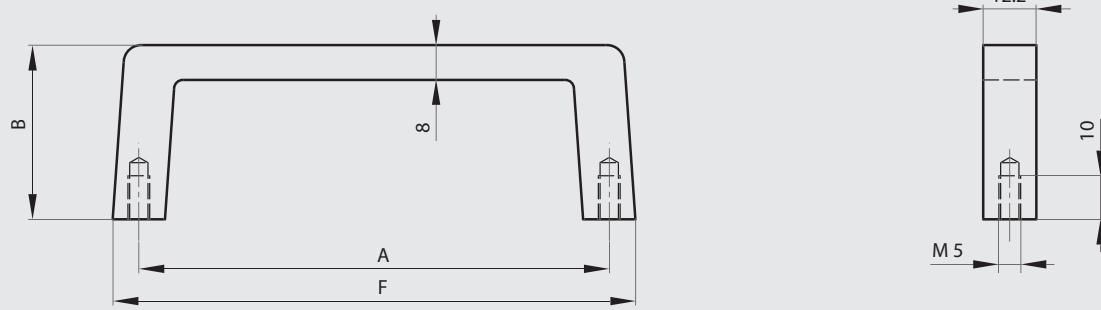
Part number	Material	Finish	A	B	C	Weight (g)
19-1-9001	aluminium	black painting	75	38	16	34
19-1-9002	aluminium	black painting	100	38	16	45
19-1-9003	aluminium	black painting	150	38	16	68



Black aluminium rear mounted grab handles 88 to 120 mm

ALU

Part number	Material	Finish	A	B	F	Weight (g)
19-7-3644	aluminium	matt black	88	40	102	50
19-7-3645	aluminium	matt black	120	40	134	60





Aluminium range - Handles

Flush handles

Flush handles 105 x 63.5 mm

This handle has 2 detents at 0° and 90°.

Maximum load: 100 kg/pair.

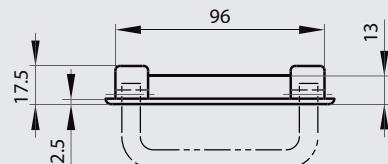
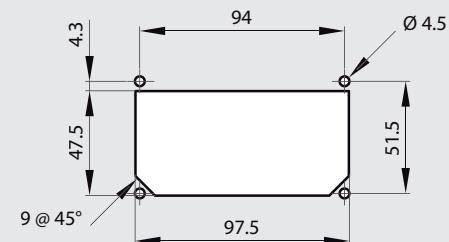
Handle is chrome plated.

Delivered unassembled.

Assembled version: upon request.

ALU RoHS

Part number	Material	Finish	A	B	C	Weight (g)
19-7-3605	aluminium	raw	105	63.5	46	123



Flush handle 120 x 91 mm

This handle has 2 detents at 0° and 90°.

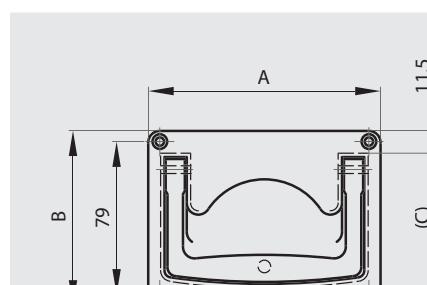
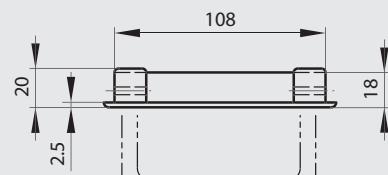
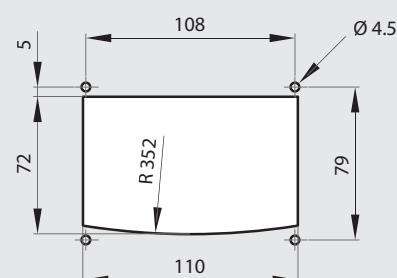
Maximum load: 100 kg/pair.

Delivered unassembled.

Assembled version: upon request.

ALU RoHS

Part number	Material	Finish	A	B	C	Weight (g)
19-7-3338	aluminium	raw	120	91	71.5	145





Recessed hooks

Soft closing recessed hook

Hook is spring loaded to retract with a soft closing mechanism.

Can be mounted on wood or sheet metal.

Installation on sheet metal: use bracket 22-7-3551.

Installation on wooden panel: please take off the cushion rubber.

Panel Thickness:

Wood: Min. 20 mm.

Sheet Metal: 0.8 to 4.0 mm.

Load capacity: 300 N max.

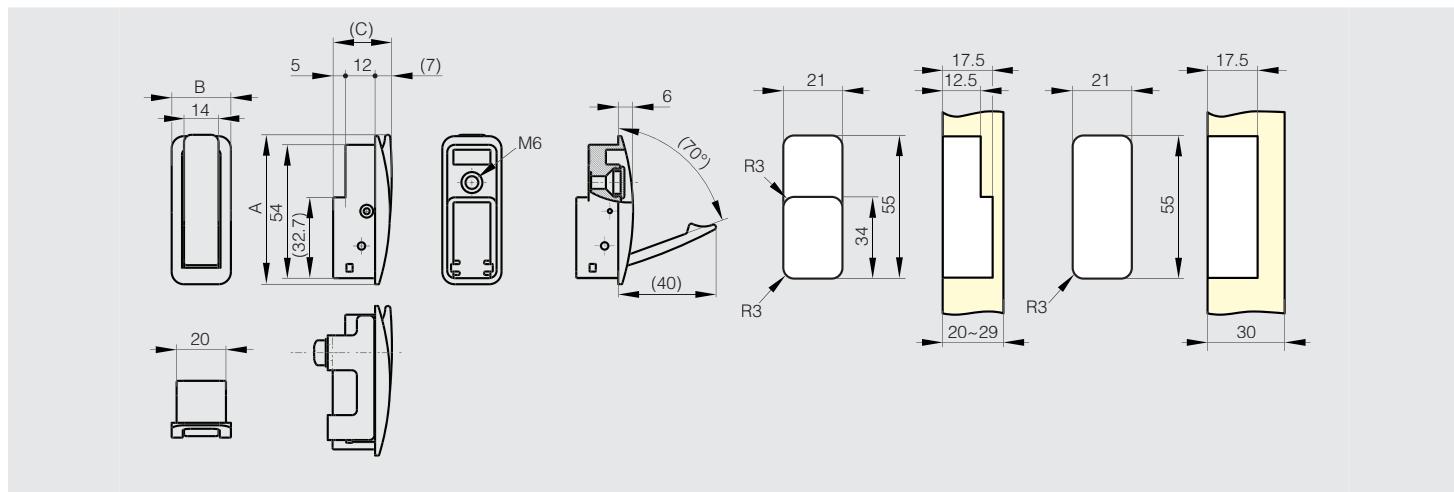
Material: aluminium, POM, pin in stainless steel.



ALU
RoHS



Part number	Material	Finish	A	B	C	Weight (g)
NEW 22-7-3549	aluminium	dark grey	60	24	24	49
NEW 22-7-3550	aluminium	silver	60	24	24	49



Bracket for soft closing recessed hook

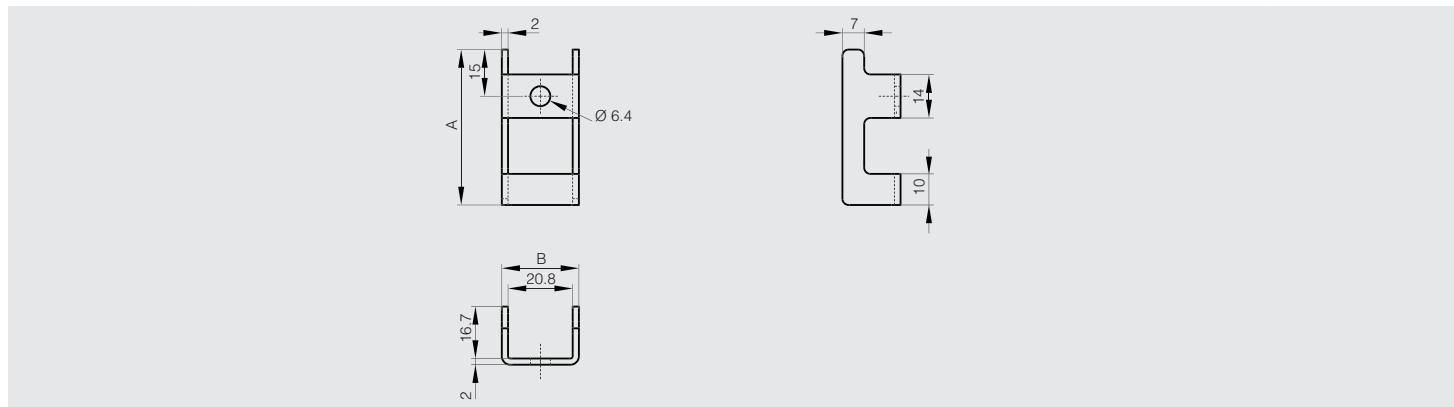


STEEL
RoHS

For sheet metal application. Panel thickness from 0.8 to 4.0 mm.

Supplied with one M6x20 stainless steel screw.

Part number	Material	Finish	A	B	Weight (g)
NEW 22-7-3551	steel	zinc chromate plated	50	24.8	25





Recessed hooks

Spring loaded recessed hook

Hook is spring loaded to retract.

Can be mounted on wood or sheet metal.

Installation on sheet metal: use bracket 22-7-3553.

Installation on wooden panel: please take off the cushion rubber.

Panel Thickness:

Wood: Min. 20 mm.

Sheet Metal: 0.8 to 1.6 mm.

Load capacity: 200 N max.

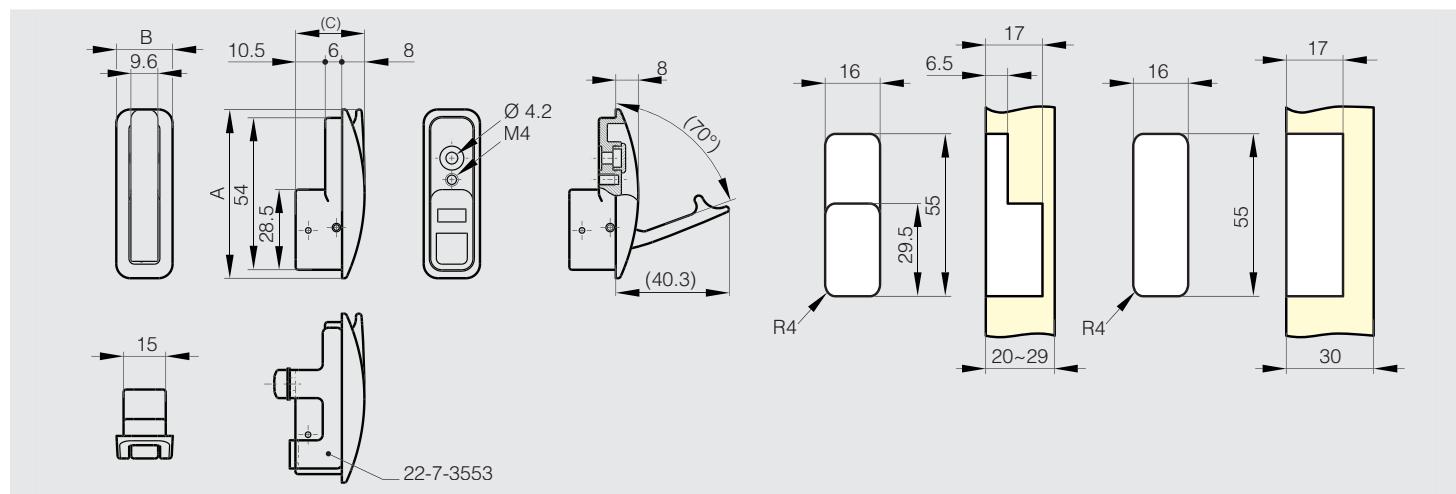
Material: aluminium, pin in stainless steel.



ALU
RoHS



Part number	Material	Finish	A	B	C	Weight (g)
NEW 22-7-3552	aluminium	dark grey	60	20	24.5	31



Bracket for spring loaded recessed hook

For sheet metal application. Panel thickness from 0.8 to 1.6 mm.

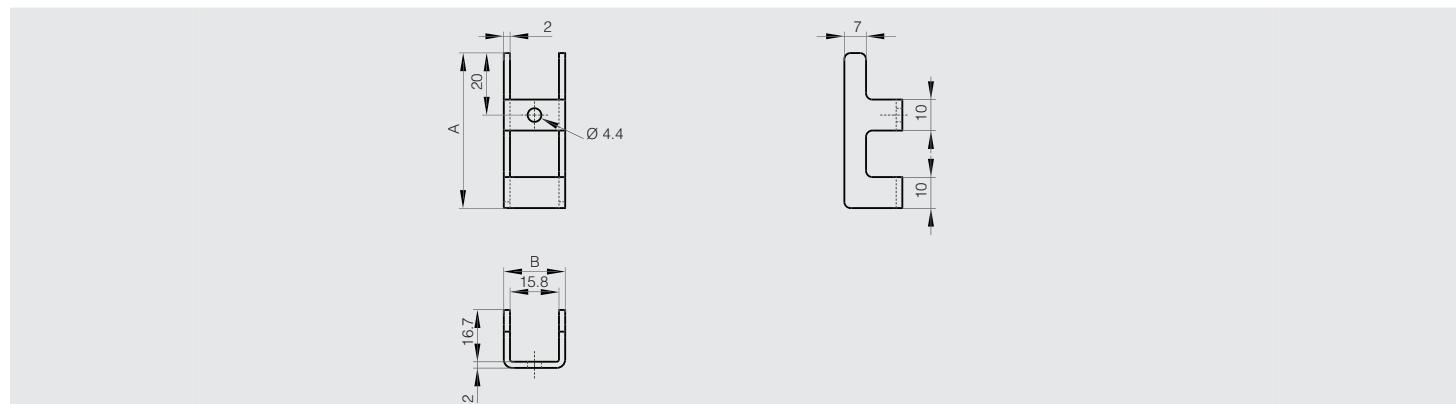
Supplied with one M4x14 stainless steel screw.



STEEL
RoHS



Part number	Material	Finish	A	B	Weight (g)
NEW 22-7-3553	steel	zinc chromate plated	50	19.8	22





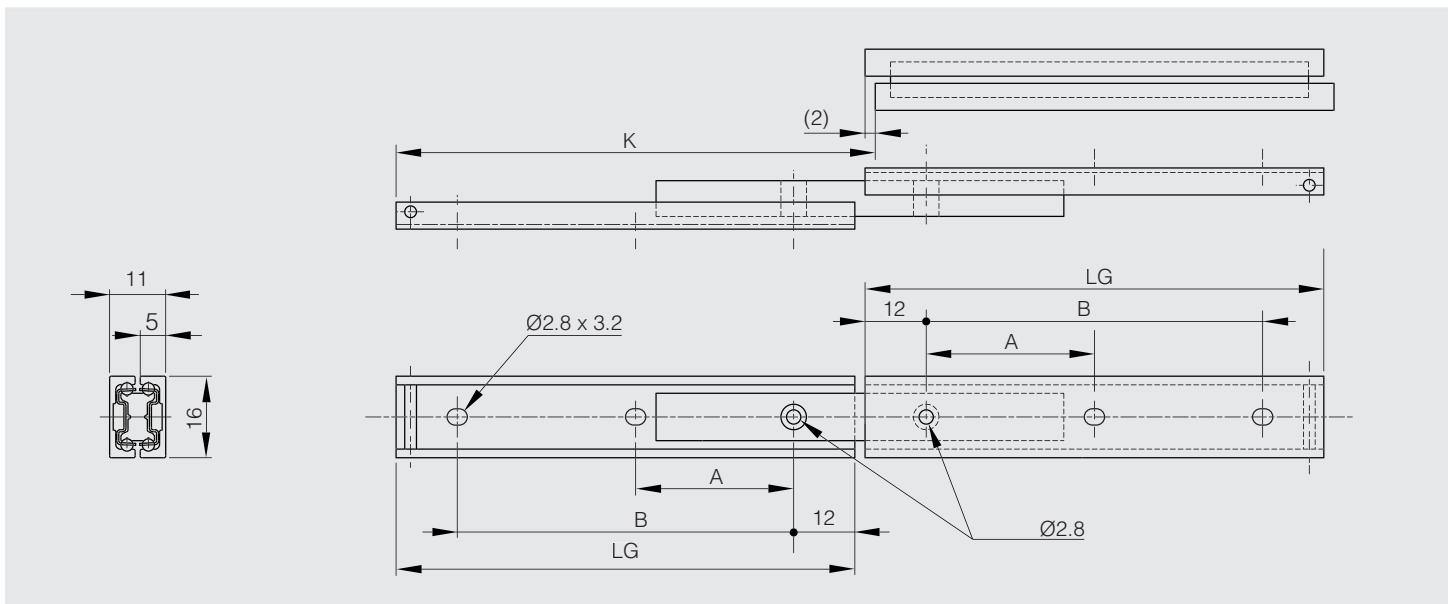
Aluminium mini slides

Full extension. Positive stop.
Thin profile for various applications.
LG = slide length.
K = travel length.
CN = load rating (kg/pair).

ALU RoHS



Part number	Material	Finish	K	LG	A	B	CN	Weight (g)
21-7-3581	aluminium	anodised	77	80	00	56	20	31.5
21-7-3582	aluminium	anodised	117	100	38	76	29	36
21-7-3583	aluminium	anodised	151	150	63	126	39	54.5



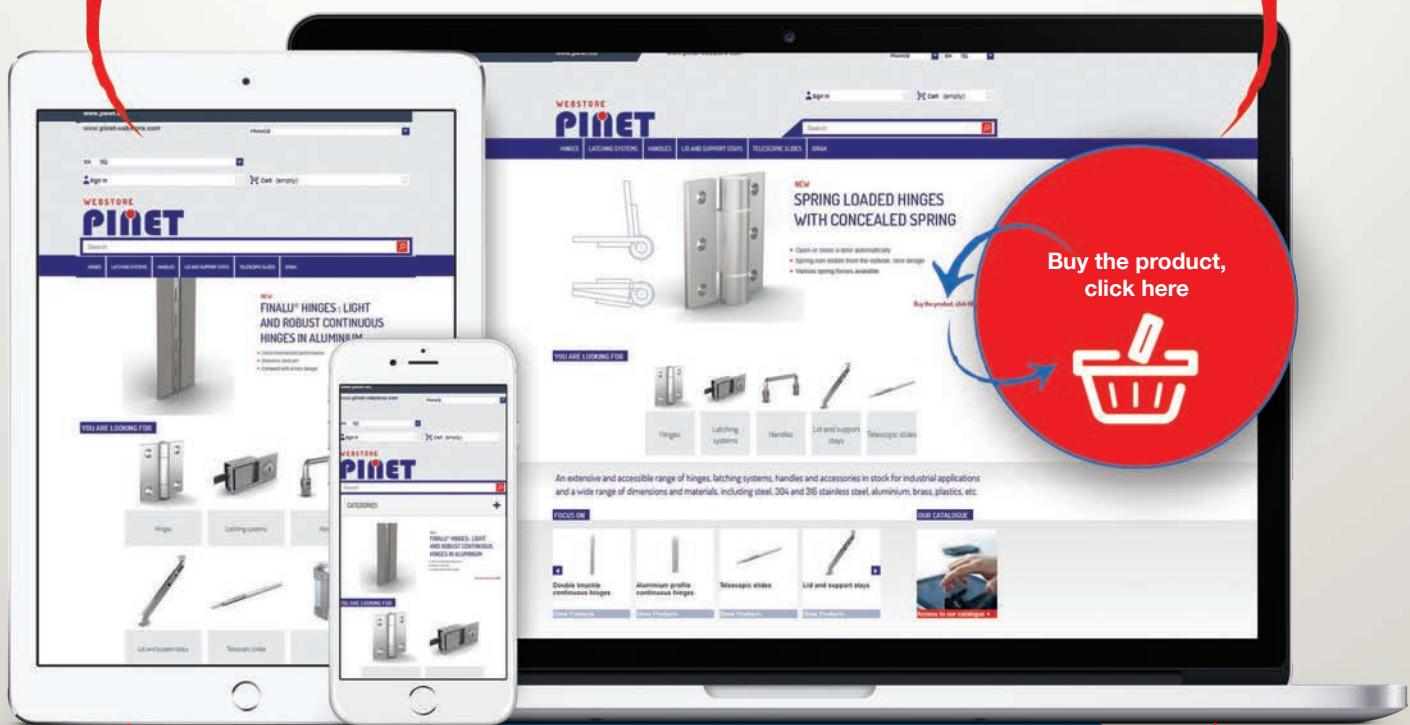
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12-1-3304.....	172	12-1-3879.....	102	14-7-3584.....	109	14-7-3793.....	108	16-1-4265.....	184	16-7-3484.....	233
12-1-3305.....	172	12-1-3880.....	102	14-7-3585.....	107	14-7-3794.....	107	16-1-4282.....	405	16-7-3487.....	227
12-1-3306.....	172	12-1-3881.....	102	14-7-3586.....	107	14-7-3796.....	108	16-1-4282.....	184	16-7-3488.....	227
12-1-3307.....	173	382	14-7-3587.....	107	14-7-3813.....	165	16-1-4282.....	405	16-7-3490.....	234
12-1-3308.....	173	12-1-3882.....	102	14-7-3588.....	107	14-7-3814.....	165	16-1-4311.....	206	16-7-3492.....	224
12-1-3309.....	173	382	14-7-3589.....	107	14-7-3815.....	109	16-1-4312.....	486	16-7-3494.....	226
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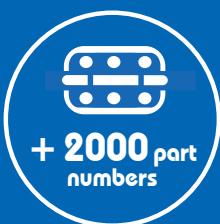
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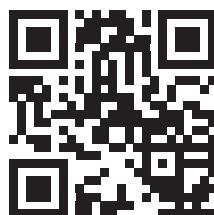
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