

LOCKS



HINGES



SEALS



ACCESSORIES

Ingenious Locking Technology Catalogue supplement ECHO 2013

Downloads of Solid Model files



For design engineers EMKA provides a special, practice-oriented service:

Design data is available on the internet in the internationally used interchange formats STEP and IGES. On www.EMKA.com in the download-sector you can find the submenu "CAD Files". Search functions are available according to part numbers or product groups.

All 3D formats generated by Pro/Engineer can easily be taken over into any designer software. The EMKA Newsletter periodically informs about amendments and new products.

STEP

IGES

Explanation of pictograms



Inside the gasketing



Outside the gasketing



Concealed hinge



Prominent hinge



Lift-off version hinge



Hinge limited lift-off version



Hinge for single cabinets



Hinge for in-line cabinets with single door



Hinge for in-line cabinets with double door



Door RH-version



Door LH-version



Door RH- and LH-version



IP-rating, such as IP 65



PUR-foamed seal



Compression specification of lock



With earthing or earthing possible



ELM Electronic Locking & Monitoring System application



Resistance class 2 Testing acc. to DIN V ENV 1630



2D nut in use



2D adjustable product



3D adjustable product



Assembly without tool



Clip-in assembling



Product with anti-graffiti coating



DIN EN 1672-2 meets hygiene requirements acc. to DIN EN 1672-2



DIN EN ISO 14159 meets hygiene requirements acc. to DIN EN ISO 14159



DIN EN 61373 Shock and vibration test according to DIN EN 61373

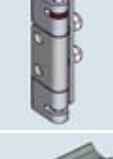
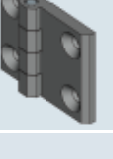
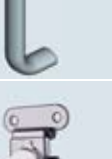
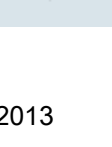


V0 Plastic flame retardant according to standard UL94

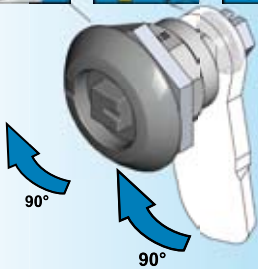


INOX AISI 3.. Stainless steel
AISI 303 resp. 1.4305
AISI 304 resp. 1.4301
AISI 316 resp. 1.4401
AISI 316 Ti resp. 1.4571

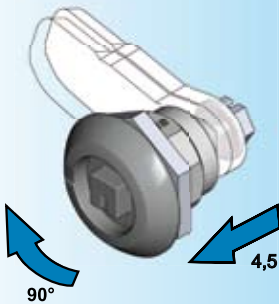
List of contents

				Information	General notes Technical information	Info
				Quarter turns	Overview: 1-100 1A and 1B Quarter turns, small up to standard version (Programs 1012, 1022; 1000) 1C Accessories: cams, handles, rod control, dust cap, rotation prevention, rods 1D Quarter turns, clip fix (Program 1500) 1E Quarter turns, different versions 1F Cylinder quarter turn, different versions	NEW
				Rod controls	2A Latches for heavy duty, screw-on program 2B Latches for heavy duty, weld-on program	
				Locking systems	Overview programs, matrix: 3-100 3A up to 3L 1107, 1125, 1150, 1160, 1180, 1185, 1190, 1225, 1317, 1325, 2100, 2300, 2400, 2600 3XA up to 3XB . . . Locking sets: modular sets, profile half cylinders 3YA up to 3YC . . . Rod controls, bearing bush, cams 3ZA up to 3ZC . . . Rods for rod control and rod gear outside or inside the gasketing; rod guides	NEW
				Hinges	Overview, matrix: 4-100 4A Hinges for prominent doors 4B Hinges for flush doors and aluminium profiles 4C Pin hinges 4D Various hinges	NEW
				Gasketing	5A Gasketing, closed cell sponge rubber, edge protection, window rubber profiles 5B Gasketing according to VDI 6022 5C EMC gasketing material	
				Handles	6A Bow-type handles, tube handles, hinged pattern handles (Program 1095) 6B Hinged pattern handles, with leaf spring and torsion spring (Program 6040)	
				Aluminium windows	7A Aluminium windows with or without frame (Program 1200) 7B EMKA PROflex: Aluminium window completely assembled or as kit for self assembly (Program 1210) 7C Aluminium doors (Program 1300)	
				Stainless steel program	8A Locks: quarter turns, escutcheons, swinghandles, rods 8B Hinges for prominent or flush doors 8C Miscellaneous: bow-type handles, cover stays, door stops	NEW
				Toggle latches	9A Wire toggle latch, rigid wire toggle latch, spring loaded toggle latch, special toggle latch, adjustable toggle latch, catch plates (Program 6000)	
				Air conditioning applications	10A Heavy duty latches, lift and turn latch, pull, pull with quarter turn, 180° hinge (Program 1091)	
				ELM Electronic Locking & Monitoring Systems	11A ELM Security System: network solutions, 19" rack mount units, keypad, ELM combination handle with integrated keypad, sensors, accessories 11B Stand-alone Solutions: Keypad, combination handle with integrated keypad, accessories	NEW
				Miscellaneous	12A Locks/latches: Retractable handle, door lock, slam lock, snap lock 12B Key 12C Cover stays and door stops 12D/E Accessories and fixing material 12F Commercial-Vehicles: see also special catalogue	NEW
				Index	Part numbers / pages	3

Compression latch PROGRAM 1000



Open condition
The first 90° of rotation of the insert also turns the cam 90°.



Closed position
The second 90° of rotation of the insert draws the cam toward the door 4.5 mm axially.



Compressed condition

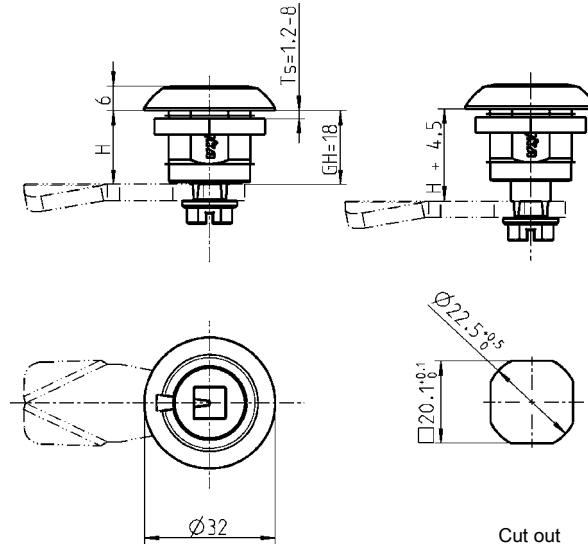
Unlock:
Reversed rotation

Note:
Only cams without a stop can be used.

Further parts see page
– Cam on request
– Accessories from 1C-320
– Escutcheon 3B-140
– Key 12B-120

Vibration proof

These latches are designed to be vibration resistant with a distinct “over-center” action. There may be some cases of extreme vibration where this detent is overcome. Therefore we recommend rigorous testing.



Housing and insert: black powder coated, zinc alloy, nut and screw: zinc plated m.s.

	black powder coated	chrome plated
Square 6	on request	on request
Square 7	on request	on request
Square 8	on request	on request
Square 8mm with arrow	1000-U852	1000-U852-IA
Triangular 6,5 CNOMO	on request	on request
Triangular 7	on request	on request
Triangular 8	1000-U853	on request
Triangular 9	on request	on request
Triangular 10	on request	on request
Double bit 3	1000-U854	on request
Double bit 5	1000-U855	on request
Male hexagon 11mm with indicator	on request	on request
Hexagon female 8mm	on request	on request
Hexagon female 8mm with pin	on request	on request
Hexagon female 10mm	on request	on request
Square female 6mm	on request	on request
Square female 7	on request	on request
Square female 8	on request	on request
Daimler Benz	on request	on request
Slot 1,2 x 3	on request	on request
Slot 2 x 4	on request	on request
Slot 2 x 4 coinproof	on request	on request
Crown type	on request	on request
Railway	1000-U856	on request
Tube with indicator	on request	on request

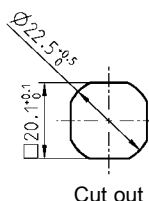
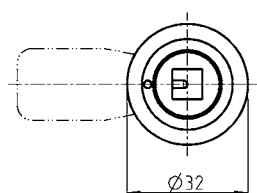
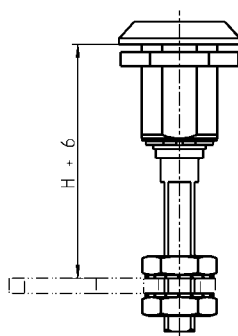
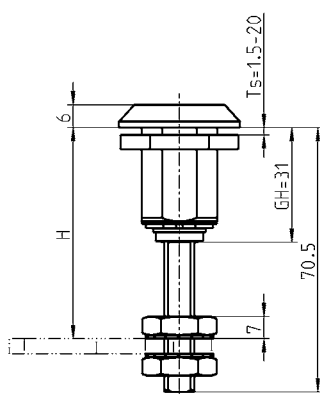
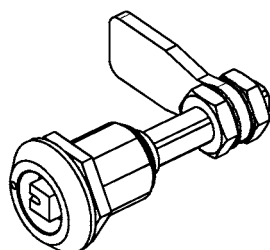
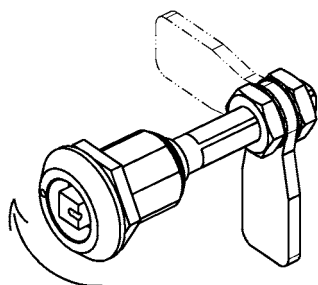
See General Catalog 2011 for page references you can't find in the ECHO (e.g. 1B-105).

Compression latch stainless steel with adjustable cam

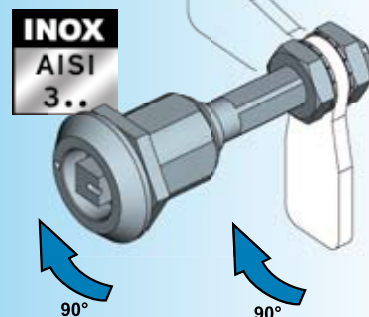
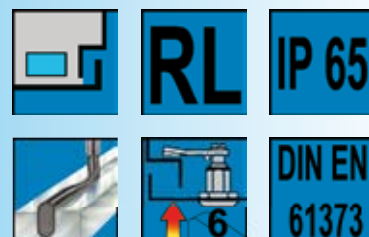
PROGRAM 1000

Vibration proof

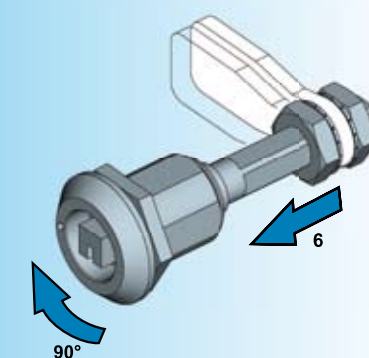
These latches are designed to be vibration resistant with a distinct "over-center" action. There may be some cases of extreme vibration where this detent is overcome. Therefore we recommend rigorous testing.



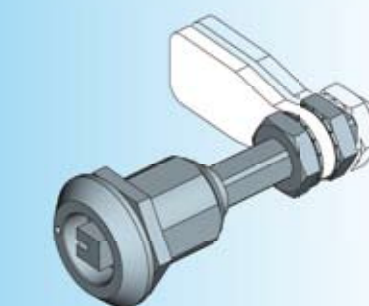
Beschlagteile



Open condition
The first 90° of rotation of the insert also turns the cam 90°.



Closed position
The second 90° of rotation of the insert draws the cam toward the door 6 mm axially.



Compressed condition

Unlock:
Reversed rotation

Further parts see page
– Cam on request
– Accessories 1C-320
– Key 12B-120

Compression latch AISI 316, with spring and gasket

Square 8 with mark

1000-U755-02

See General Catalog 2011 for page references you can't find in the ECHO (e.g. 1B-105).

© EMKA Beschlagteile GmbH & Co. KG 2013

1B-236 01/13

® Compression latch with visual open indicator

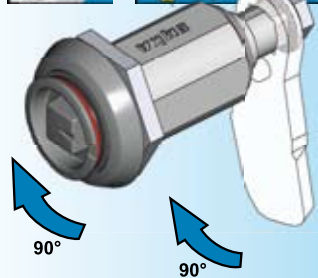
PROGRAM 1000

Vibration proof

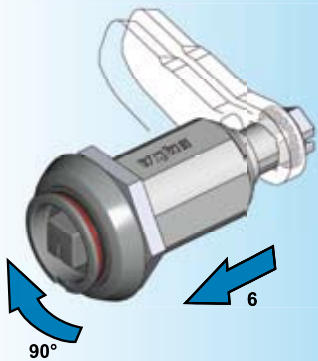
These latches are designed to be vibration resistant with a distinct “over-center” action. There may be some cases of extreme vibration where this detent is overcome. Therefore we recommend rigorous testing.

Using this compression latch in conjunction with the dust cap (catalogue page 1C-330) offers a further safety aspect to indicate the open status of the latch:

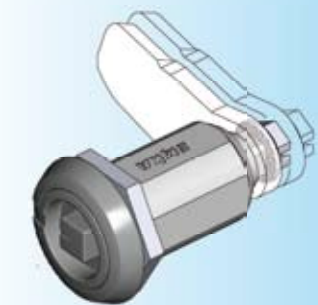
Additionally if the red ring is visible, the dust cap can not be locked.



Open condition
The first 90° of rotation of the insert also turns the cam 90°.



Closed position
The second 90° of rotation of the insert draws the cam toward the door 6 mm axially.



Compressed condition

Unlock:
Reversed rotation

Further parts see page
– Cam (GH = 40) 1C-120

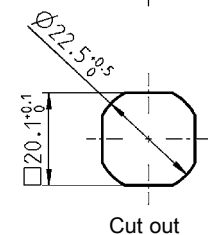
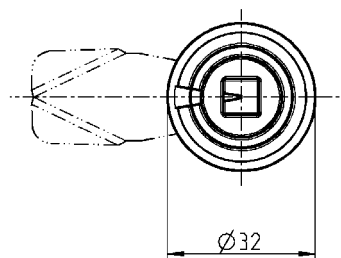
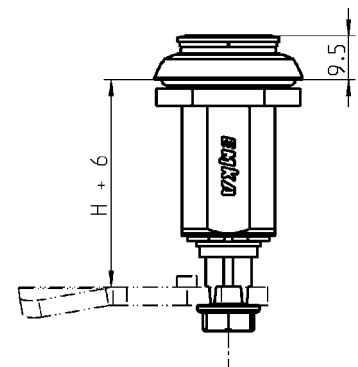
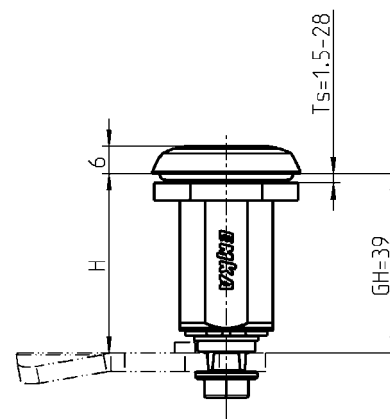
Attention: when using this cam the dimension H will be reduced by 1 mm

– Accessories from 1C-320
– Escutcheon 3B-140
– Key 12B-120

Compressed condition



Open condition



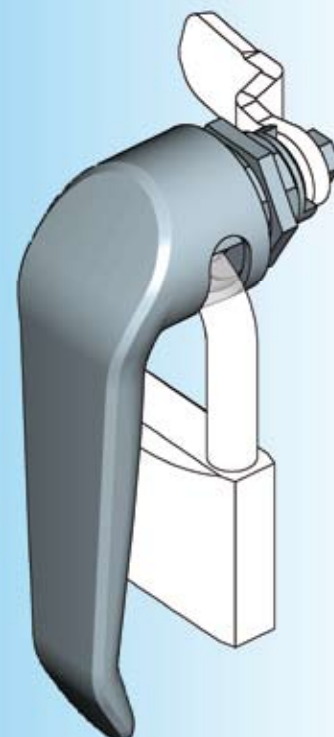
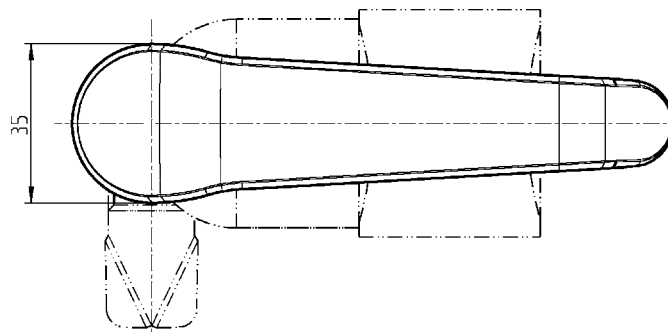
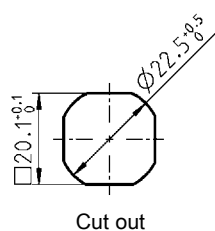
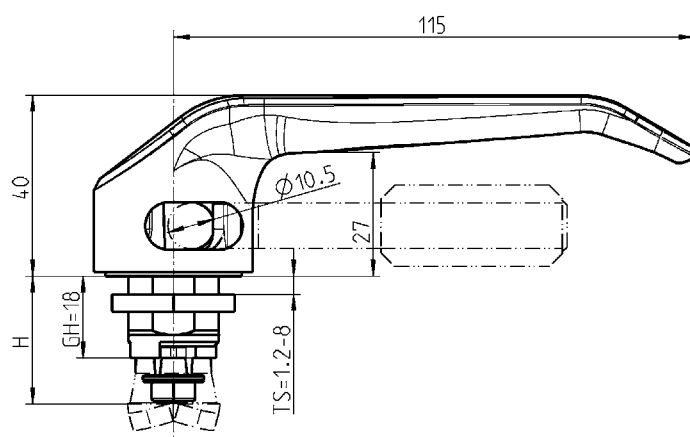
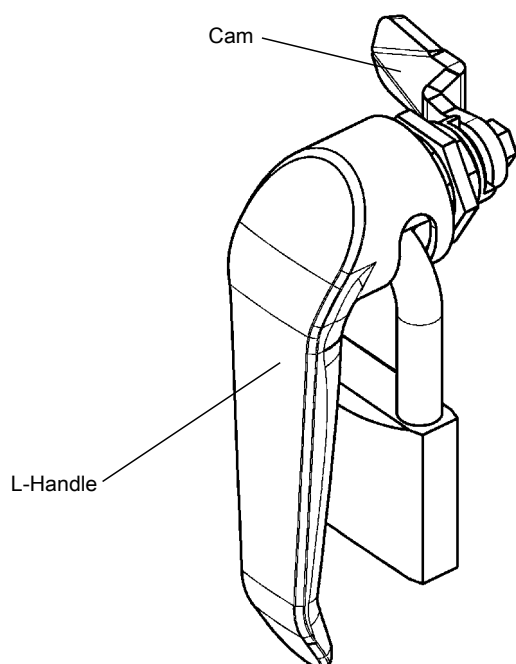
Housing and insert zinc die, surface of your choice, signal-ring red, nut and screw m.s. zinc plated, with spring and seal

	black powder coated	chrome plated
Square 8	1000-U846	1000-U846-IA
Double bit 5	1000-U847	1000-U847-IA
Railway	1000-U848	1000-U848-IA

See General Catalog 2011 for page references you can't find in the ECHO (e.g. 1B-105).

© EMKA Beschlagteile GmbH & Co. KG 2013

L-Handle for padlock PROGRAM 1000



Attention:
L-Handle is locked when a padlock is fitted.

Further parts see page
– Cam 1C-140
– Leading ramp 1C-170

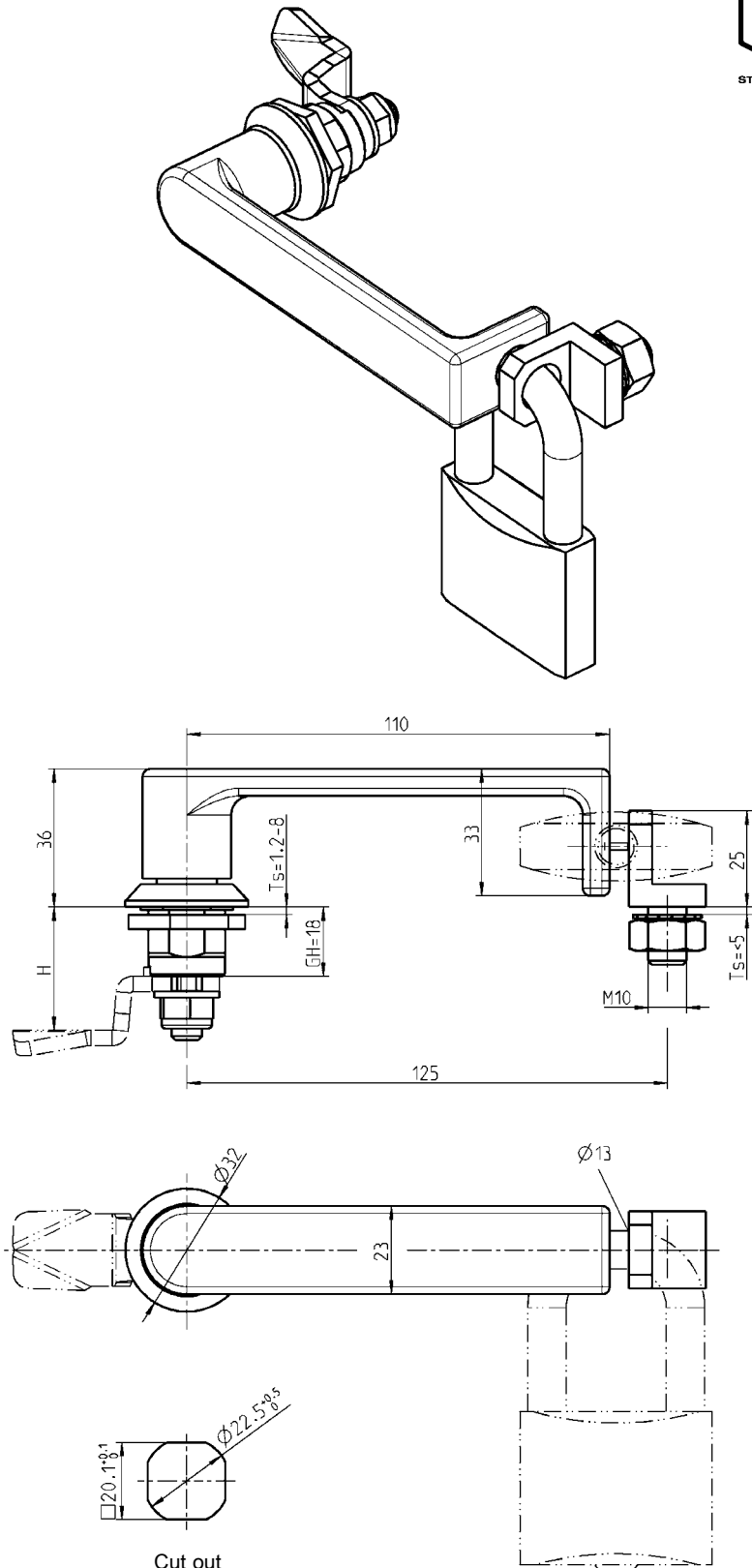
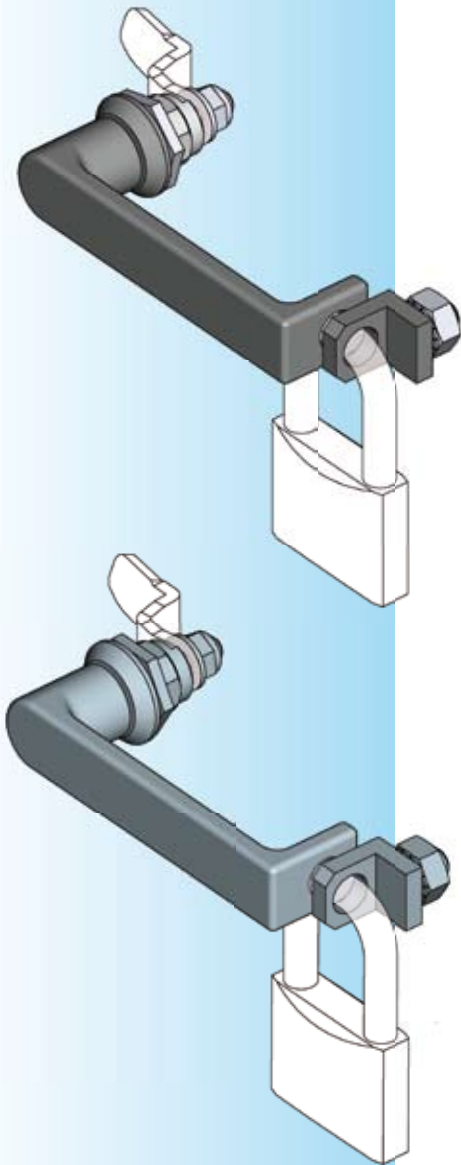
L-Handle AISI 316; screw and nut stainless steel; with seal

1000-U860

See General Catalog 2011 for page references you can't find in the ECHO (e.g. 1B-105).

© EMKA Beschlagteile GmbH & Co. KG 2013

1B-650



Further parts see page
– Cam

1C-120
1C-140

**Handle, nut and padlock bracket material on choice;
nut and washer m.s. zinc plated or stainless steel; with seal.**

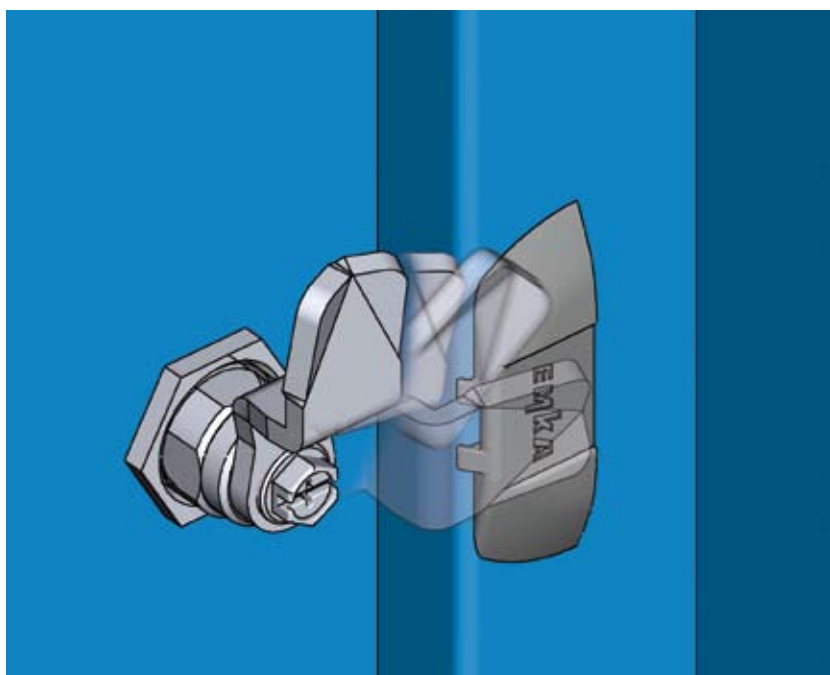
black powder coated steel investment casting

1000-U857

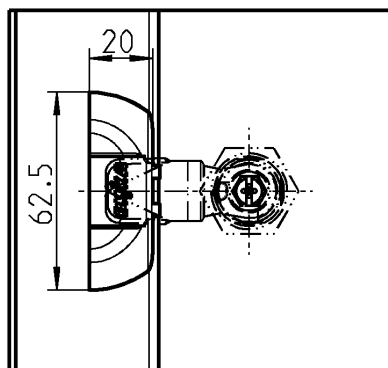
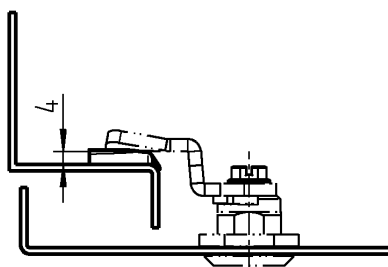
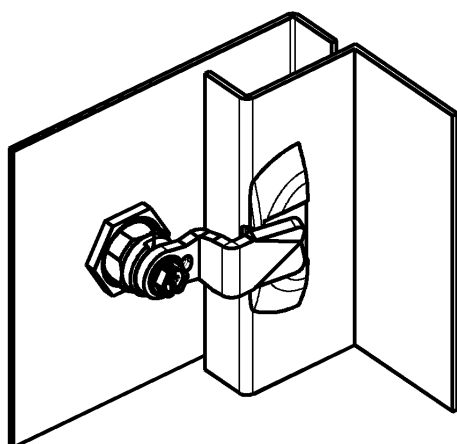
AISI 316

1000-U842

Leading ramp, self-adhesive PROGRAM 1000



Installation example: door and frame shown from the inside



The ramp increases the compression distance of the closure by 4 mm.

Attention:
When using the Leading ramp the H-dimension of the tongue increases by 4 mm.

Further parts see page
– Cam

1C-120
1C-130
1C-140
3YA-820
3YA-840
3YB-420
3YB-440
3YC-120
3YC-140

Frame-sided leading ramp for cams polyamide black, self-adhesive

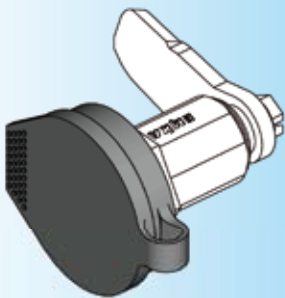
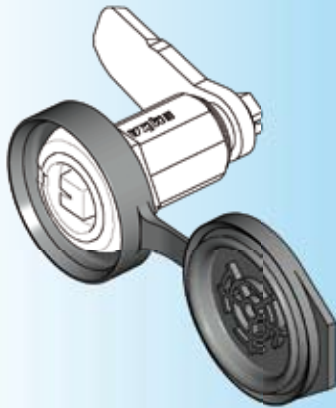
1000-U858

See General Catalog 2011 for page references you can't find in the ECHO (e.g. 1B-105).

© EMKA Beschlagteile GmbH & Co. KG 2013



In case of combined dust cap and compression quarter turn with optical indication open (program 1000 / catalogue page 1B-237) additional safety aspect possible.



Note

The dust cap was tested successfully by the Technical University of Dresden in respect of high-speed resistant class up to 450 km/h.

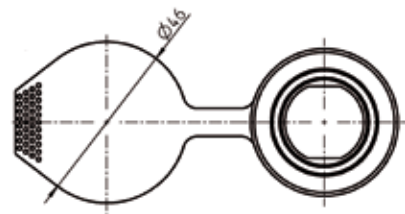
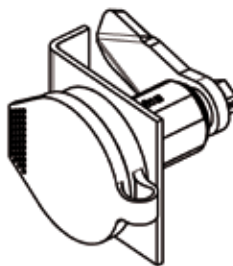
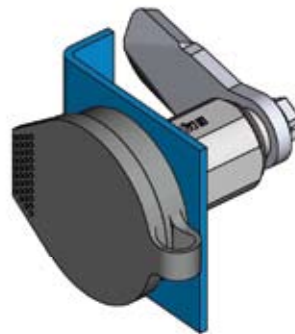
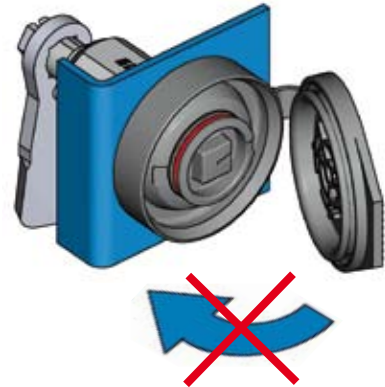
Attention:

The H-dimension will be reduced by 2 mm with this dust cap installed.

Further parts see page

– Quarter turns
up to 1B-222
up to 1B-335
1B-360
1B-420
1B-840
1B-860

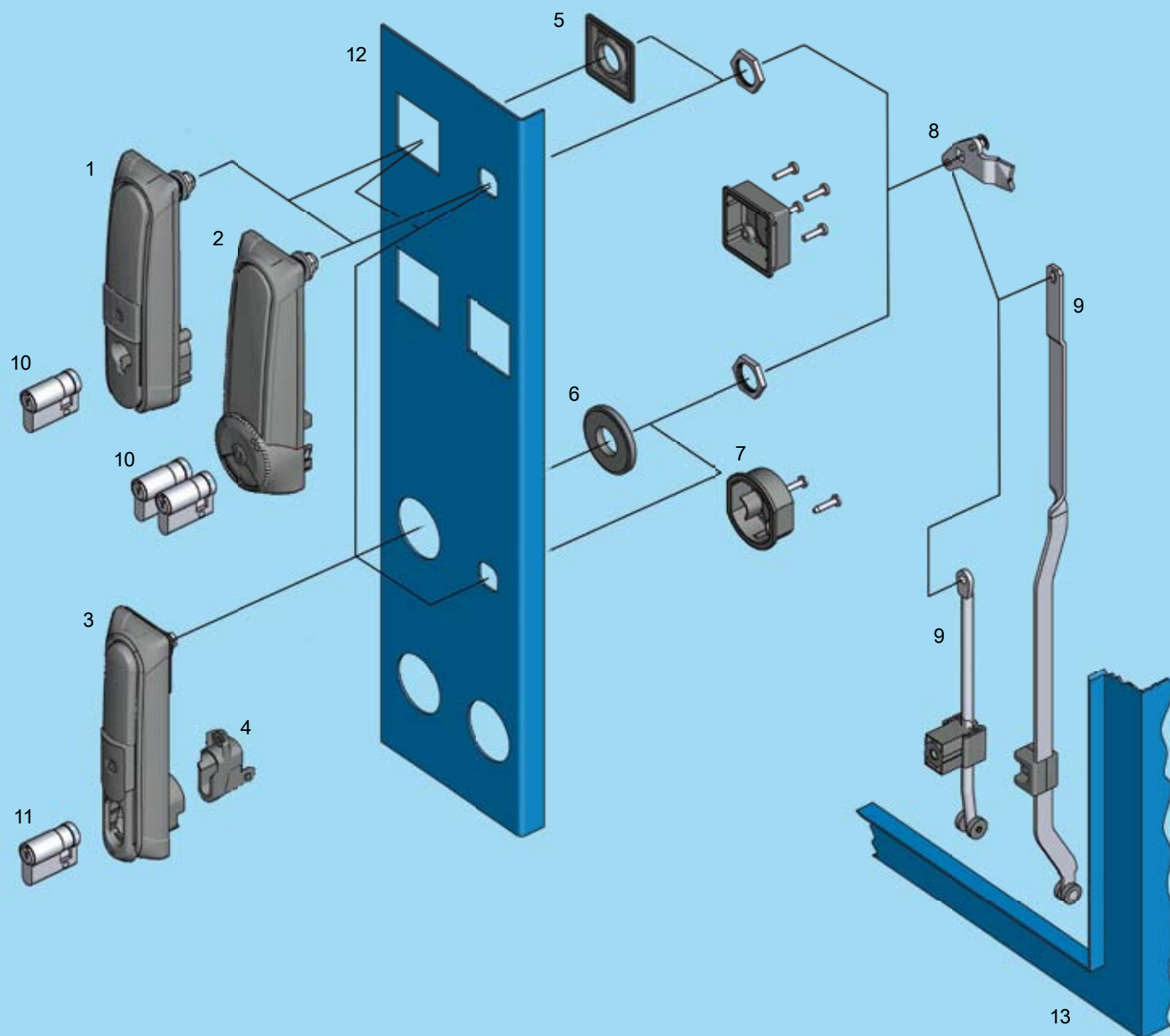
Additionally if the red ring is visible, the dust cap can not be locked.



Dust cap TPE, UV resistant, black

1000-97-02

Swinghandle Program 1317



- | | | |
|----|---|---------|
| 1 | Swinghandle with RC2 | 3AB-120 |
| 2 | Swinghandle with RC2 (double cylinder) | 3AB-160 |
| 3 | Swinghandle for the new locking set series | 3AB-140 |
| 4 | Locking set | |
| 5 | Adapter plate (included in the delivery) | |
| 6 | Adapter ring (not included in the delivery) | |
| 7 | Dust cap (not included in the delivery) | |
| 8 | Cam | |
| 9 | Rod | |
| 10 | Profile half cylinder | |
| 11 | Locking options, e.g. profile half cylinder | |
| 12 | Door | |
| 13 | Cabinet/frame | |



3AB-100

Swinghandle with RC2; mechanical or electromechanical release

PROGRAM 1317

Single cylinder-swinghandle

Size: „long“ (189,5 mm; cut out 130 mm)
or
„short“ (164,5 mm; cut out 105 mm)

Material: GD-Zn black powder coated or GD-Zn grey powder coated (RAL 7038) and anti-graffiti coated

Mechanical version:

Profile half cylinder: 40 mm and 45 mm; adjust cam to 3 o'clock

Sealable: yes

Electromagnetic version (EL):

Application: Indoor and outdoor at -30°C to +80°C

Release: by inputting a 48 V DC signal

Power-on time: up to 1 minute

Display: optional by LED

Telemonitoring: by reed contact

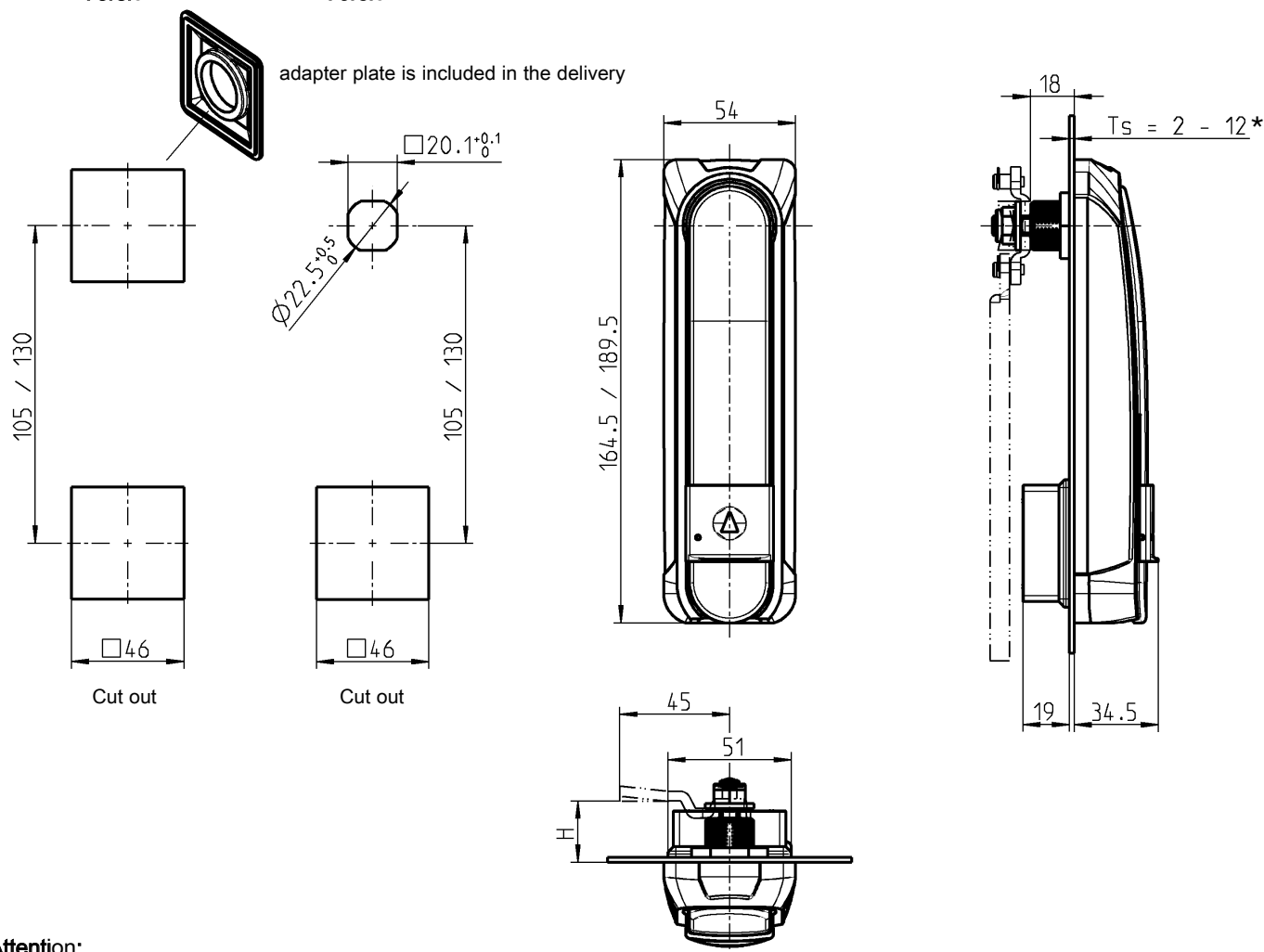
Close: Press the handle in the escutcheon until the locking mechanism engages

Emergency opening: optional with 40 mm or 45 mm profile half cylinder

Four eyes principle: On request! To open it, the enable signal and an unlocked profile half cylinder are necessary

Version A

Version B



Attention:

With use of an adapter plate the maximum door gauge (Ts) is 6 mm.

Note:

The use of circular standard rod is not possible with a door gauge (Ts) > 6 mm!

* Ts > 6 mm -12 mm on request

** With the mechanical version the push button profile half cylinder is not applicable.

With the electromechanical version only the profile half cylinder according to DIN 18252 (EN 1303) is applicable.

New defined standards

- The swinghandle successfully passed the test in accordance to RC2 DIN V ENV 1630.
- The test in accordance to protection level IK 10 following DIN EN 50102 was passed successfully.
- an integrated scratch-protection prevents damage to the surface (handle/escutcheon).

Swinghandle "long" or "short"

Escutcheon and handle GD-Zn surface on choice;

shaft brass;

cylinder cover polyamide black or grey (RAL 7038);

cap GD-Zn black powder coated;

adapter plate polyamide GF black for cut out version A;

blind plug polyamide GF black (loose), spring, data sheet and assembling instruction included in the electromechanical version;

fixing m.s.zinc plated; with seal

Swinghandle "long" (189,5)

GD-Zn black powder coated

mechanical version for 40 mm profile half cylinder, with additional cam position 30°	1317-U122
mechanical version for 45 mm profile half cylinder	1317-U123
mechanical version for type KABA 1514	on request
electromechanical version without LED optional for 40 and 45 mm profile half cylinder	1317-U161
electromechanical version with LED optional for 40 and 45 mm profile half cylinder	1317-U162

Swinghandle "long" (189,5)

GD-Zn grey powder coated (RAL 7038) and anti-graffiti coated

mechanical version for 40 mm profile half cylinder, with additional cam position 30°	1317-U122-HJ
mechanical version for 45 mm profile half cylinder	1317-U123-HJ
mechanical version for type KABA 1514	on request
electromechanical version without LED optional for 40 and 45 mm profile half cylinder	1317-U161-HJ
electromechanical version with LED optional for 40 and 45 mm profile half cylinder	1317-U162-HJ

Swinghandle "short" (164,5)

GD-Zn black powder coated

mechanical version for 40 mm profile half cylinder, with additional cam position 30°	1317-U102
mechanical version for 45 mm profile half cylinder	1317-U103
mechanical version for type KABA 1514	1317-U131
electromechanical version without LED optional for 40 and 45 mm profile half cylinder	1317-U151
electromechanical version with LED optional for 40 and 45 mm profile half cylinder	1317-U152

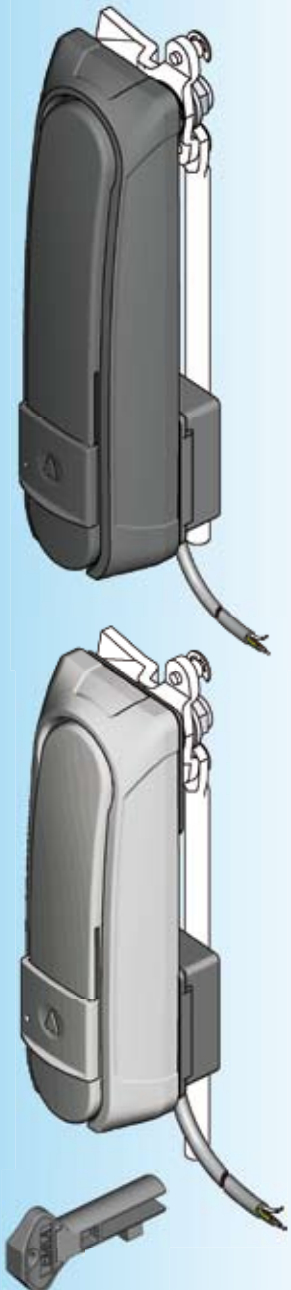
Swinghandle "short" (164,5)

GD-Zn grey powder coated (RAL 7038) and anti-graffiti coated

mechanical version for 40 mm profile half cylinder, with additional cam position 30°	1317-U102-HJ
mechanical version for 45 mm profile half cylinder	1317-U103-HJ
mechanical version for type KABA 1514	1317-U131-HJ
electromechanical version without LED optional for 40 and 45 mm profile half cylinder	1317-U151-HJ
electromechanical version with LED optional for 40 and 45 mm profile half cylinder	1317-U152-HJ

Building key polyamide black

1004-44-01AA



Further parts see page

- Cam 3YC-120
- 3-point cam 3YC-180
- ** Profile half cylinder 3XB-120

Swinghandle with variable use of locking

PROGRAM 1317

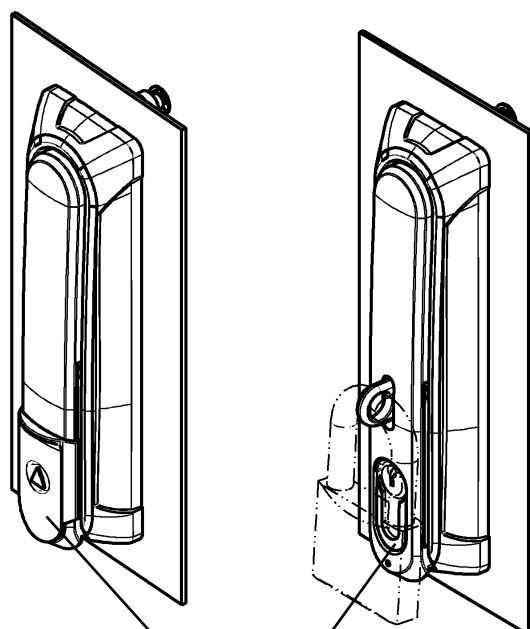
Single cylinder-swinghandle

Size: „long“ (188 mm; cut out 130 mm)
or
„short“ (163 mm; cut out 105 mm)

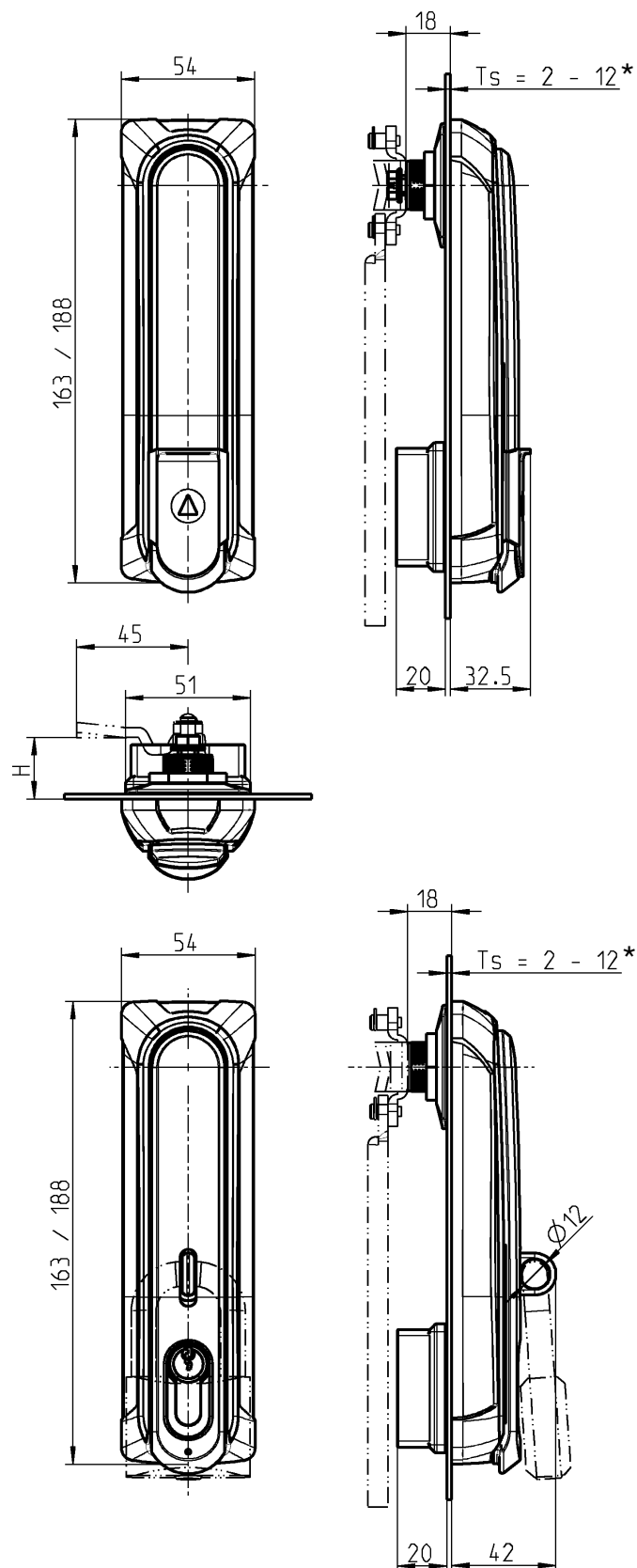
Material: polyamide GF black

Profile half cylinder: 40 mm
45 mm (on request)

Sealable: yes, hole in escutcheon necessary



with modular locking



Attention:

If the adapter plate or the adapter ring is used, the maximum door gauge (Ts) is 6 mm (with cut out version A and C)

Note:

If door gauge (Ts) > 4 mm standard round rods cannot be used!

Version A

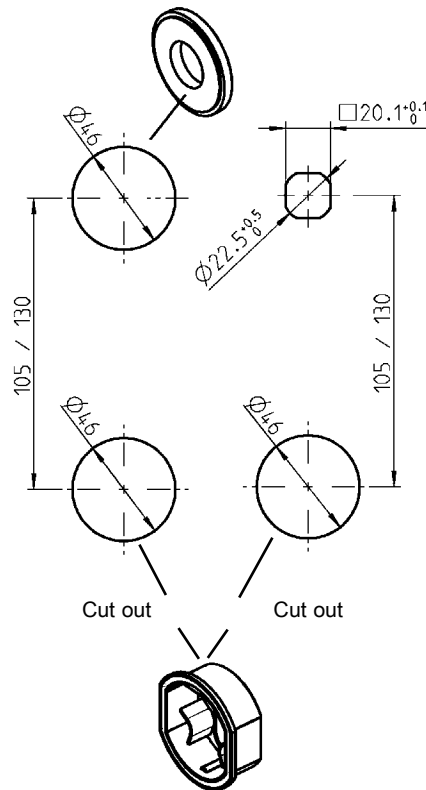
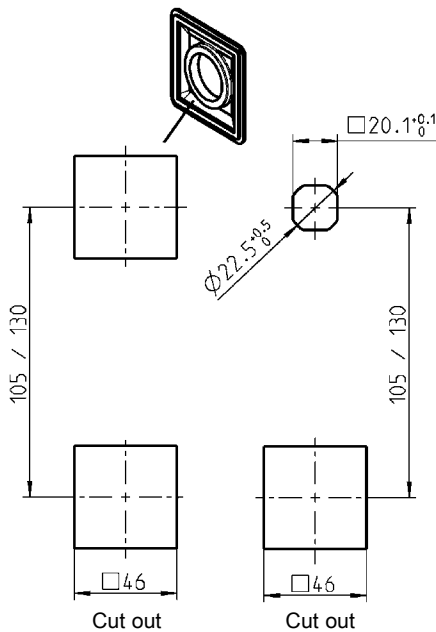
Version B

Version C

Version D

Adapter plate is included in the delivery

Adapter ring not included in the delivery



New defined standards

- ergonomical haptics
- variable use of lockings
- integrated scratch-protection prevents damage of the surface (handle/escutcheon).

Cap not included in the delivery

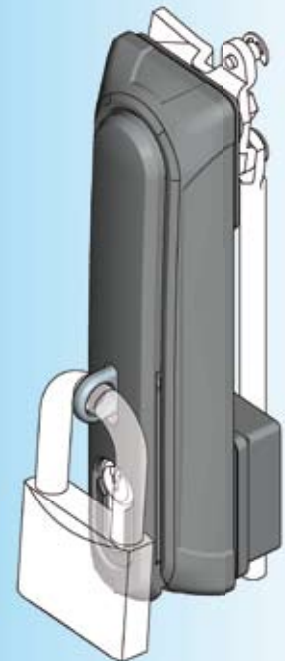
Swinghandle "long" or "short"

Handle polyamid GF black; **escutcheon** polyamid GF black;
dust cap polyamide GF black (not with swinghandle for padlock);
shaft m.s. zinc plated and POM GF black;
padlock stud AISI 316 (with swinghandle for padlock);
cap polyamide GF VO black;
adapter plate polyamide GF VO black for cut out version A;
fixing material m.s. zinc plated; with seal

❶ (please order locking system separately)	without locking system ❶	with locking system for profile half	
		40 mm (A = 30 mm)	45 mm (A = 35 mm)
Swinghandle "long"	1317-U421	1317-U421-01	1317-U423-01
Swinghandle "long" for padlock	1317-U426	1317-U426-01	on request
Swinghandle "short"	1317-U401	1317-U401-01	1317-U403-01
Swinghandle "short" for padlock	1317-U406	1317-U406-01	on request
needed for cut out C and D			
Adapter ring polyamid GF VO black		1107-53	
Cap polyamid VO black		1107-11-03	
* Order screw set separately if Ts = 4-12 mm		1107-U170	

See General Catalog 2011 for page references you can't find in the ECHO (e.g. 1B-105).

© EMKA Beschlagteile GmbH & Co. KG 2013



Locking set for different locks (see catalogue page 3BA-220)

Further parts see page

- Profile half cylinder 3XB-120
- Locking set 3XC-120
- Cams 3YC-120
- 3-point cam 3YC-180

Double cylinder swinghandle with RC2

PROGRAM 1317

Double cylinder-swinghandle

Size: „long“ (189,5 mm; cut out 130 mm)
or
„short“ (164,5 mm; cut out 105 mm)

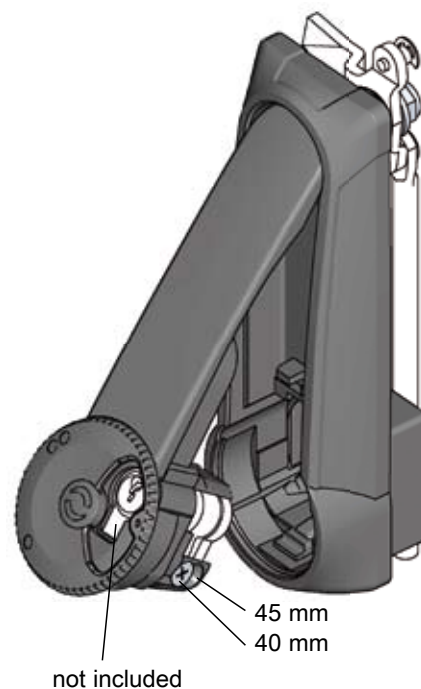
Material: zinc die black p.c.
or
GD-Zn grey powder coated (RAL 7038) and anti-graffiti coated
or
polyamide GF black
or
Polyamide GF grey (RAL 7038)
Polyamide anti-graffiti coated on request

RC2: Swinghandle from GD-Zn

Profile half cylinder: 40 mm and 45 mm; adjust locking cam on 6 o'clock.
Profile half cylinder on the right hand also possible on 5 o'clock.

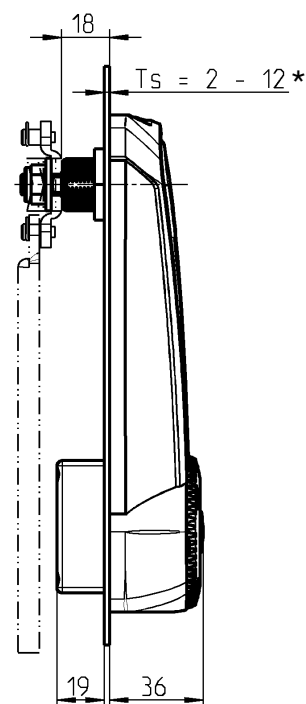
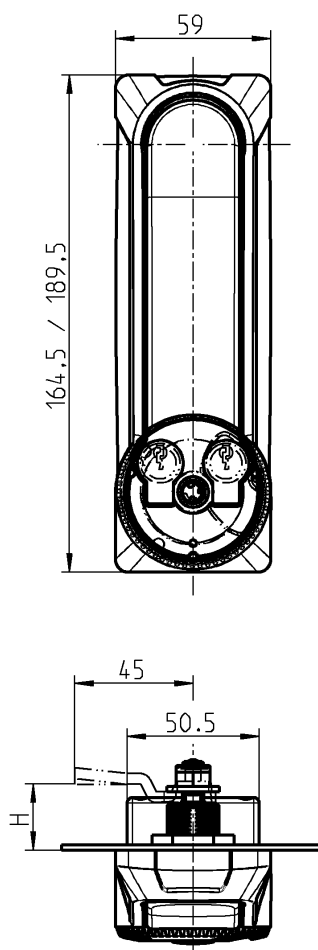
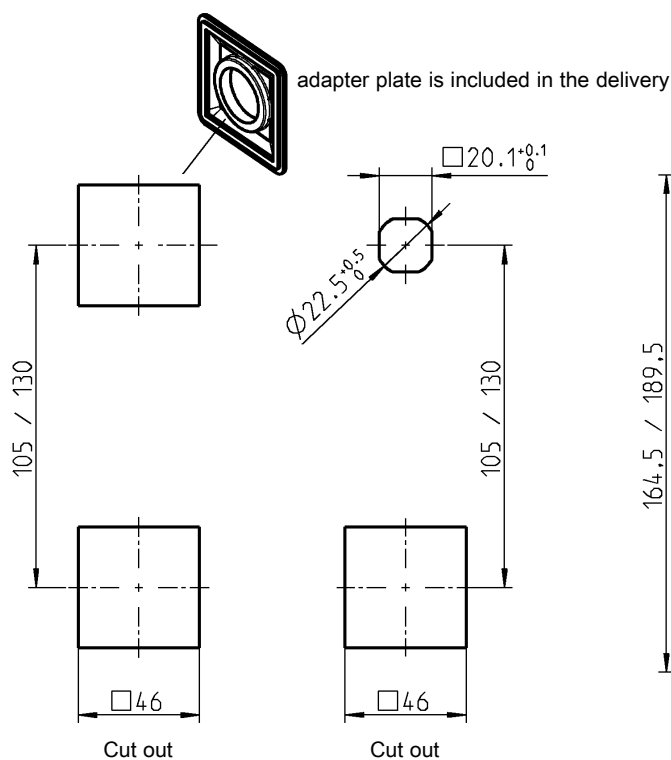
key removable: always removable or when the handle is put in

Sealable: yes, hole Ø2 mm in the handle is necessary



Version A

Version B



Attention:

When using the adapter ring the maximum door gauge (Ts) will be 6 mm.

Note:

The use of standard round rod is not possible with a door gauge (Ts) > 6 mm!

* Ts > 6-12 on request

New defined standards

- The swinghandle from GD-Zn passed the test according to RC2 DIN V ENV 1630 successfully.
- The protection level test IK 10 following the DIN EN 50102 was passed successfully with the swinghandles from zinc die.
- an integrated scratch-protection prevents damage to the surface (handle/escutcheon).



Swinghandle "long" or "short"

Escutcheon and handle version on choice;
shaft brass or m.s. zinc plated;
dust cap cover zinc die black powder coated or grey powder coated (RAL 7038);
cap GD-Zn black powder coated or Polyamide GF VO black;
adapter plate polyamide GF VO black for cut out version A;
fixing material m.s. zinc plated; with seal and spring

Swinghandle "long" (189,5)

Version of choice:

1. GD-Zn black powder coated; cap GD-Zn black powder coated; shaft brass
2. Polyamide GF black; cap polyamide GF VO black; shaft m.s. zinc plated

1. GD-Zn (RC2); key always removable	1317-U221
1. GD-Zn (RC2); key removable when the handle is put in	1317-U222
2. Polyamide; key always removable	1317-U321
2. Polyamide; key removable when the handle is put in	1317-U322

Swinghandle "long" (189,5)

Version of choice:

1. GD-Zn grey powder coated (RAL 7038) and anti-graffiti coated;
cap GD-Zn black powder coated; shaft brass
2. Polyamide GF grey (RAL 7038); cap polyamide GF VO black; shaft m.s. zinc plated

1. GD-Zn (RC2); key always removable	1317-U221-HJ
1. GD-Zn (RC2); key removable when the handle is put in	1317-U222-HJ
2. Polyamide; key always removable	1317-U321-BO
2. Polyamide; key always removable	1317-U322-BO

Swinghandle "short" (164,5)

Version of choice:

1. GD-Zn black powder coated; cap GD-Zn black powder coated; shaft brass
2. Polyamide GF black; cap polyamide GF VO black; shaft m.s. zinc plated

1. GD-Zn (RC2); key always removable	1317-U201
1. GD-Zn (RC2); key removable when the handle is put in	1317-U202
2. Polyamide; key always removable	1317-U301
2. Polyamide; key removable when the handle is put in	1317-U302

Swinghandle "short" (164,5)

Version of choice:

1. GD-Zn grey powder coated (RAL 7038) and anti-graffiti coated;
cap GD-Zn black powder coated; shaft brass
2. Polyamide GF grey (RAL 7038); cap polyamide GF VO black; shaft m.s. zinc plated

1. GD-Zn (RC2); key always removable	1317-U201-HJ
1. GD-Zn (RC2); key only removable when the handle is put in	1317-U202-HJ
2. Polyamide; key always removable	1317-U301-BO
2. Polyamide; key removable when the handle is put in	1317-U302-BO

Building key polyamide black

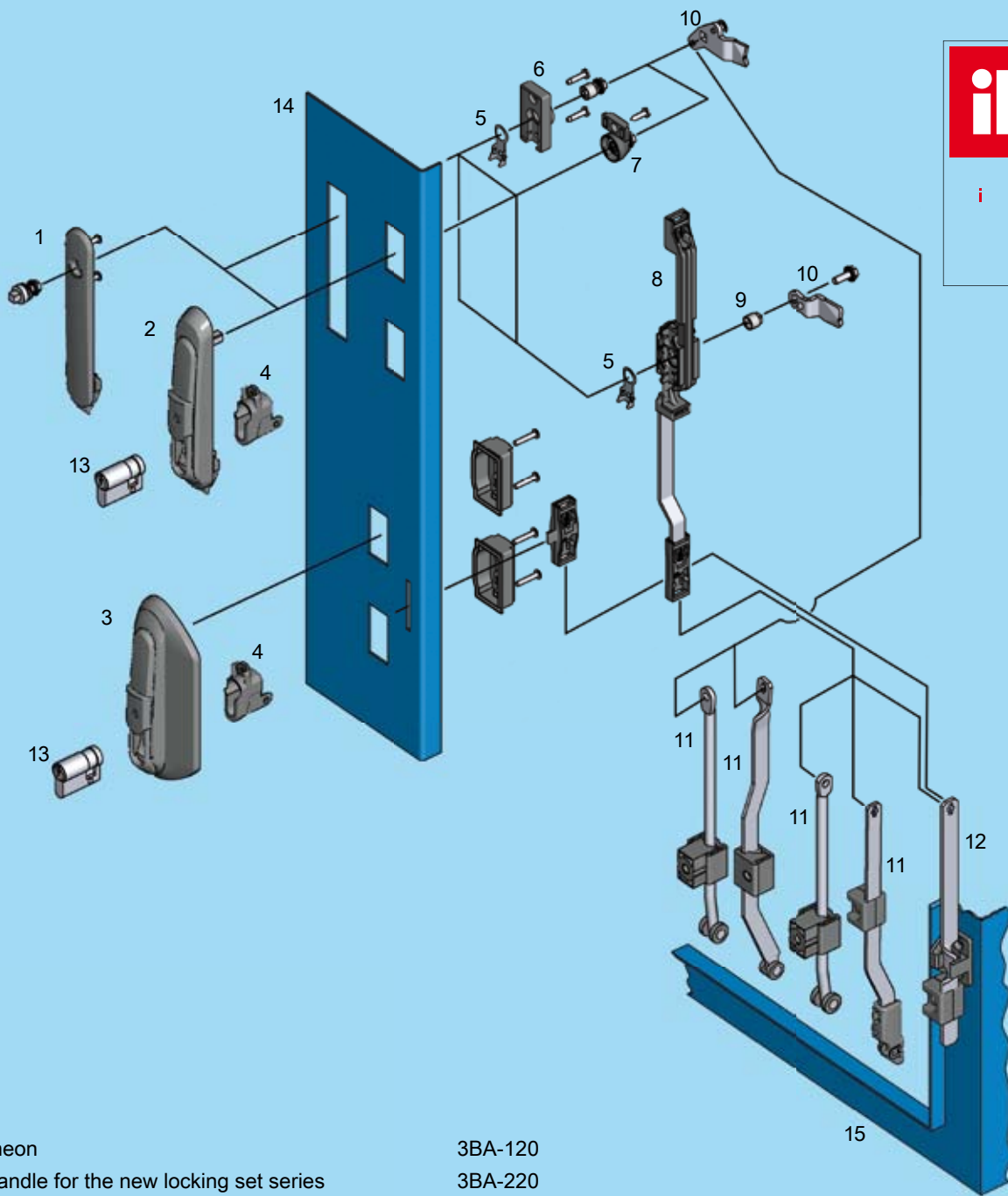
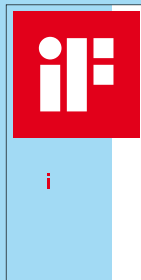
1004-44-01AA



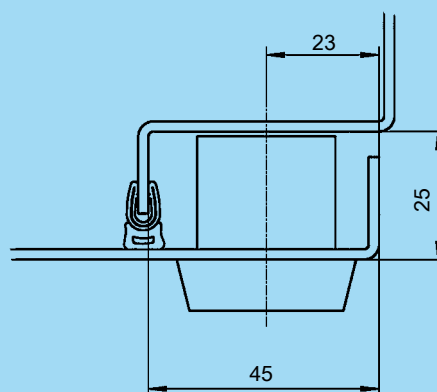
Further parts see page

- Cam 3YC-120
- 3-point cam 3YC-180
- Profile half cylinder 3XB-220

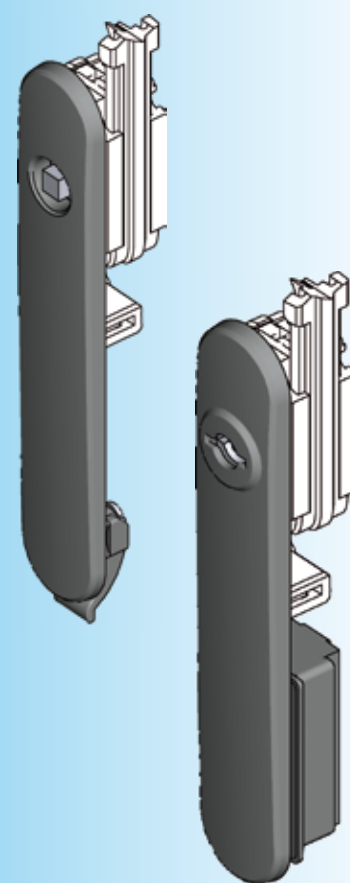
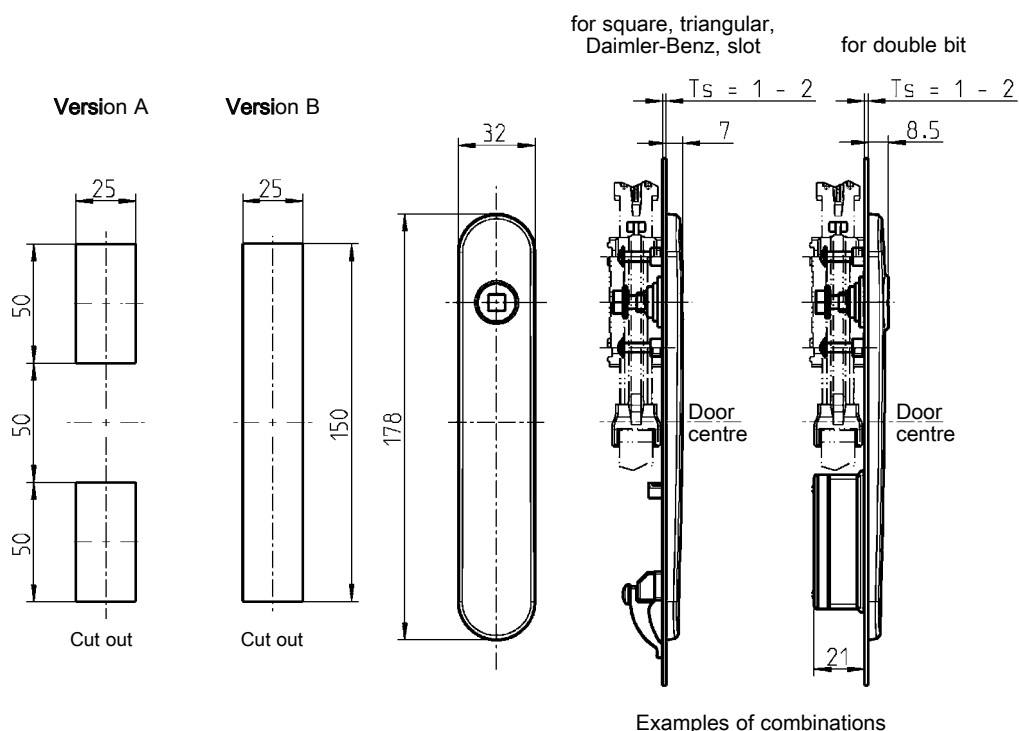
Swinghandle and escutcheon Program 1325



- | | | |
|----|---|---------|
| 1 | Escutcheon | 3BA-120 |
| 2 | Swinghandle for the new locking set series | 3BA-220 |
| 3 | Swinghandle for narrow bending area | 3BA-320 |
| 4 | Locking set | |
| 5 | Earthing device | |
| 6 | Bearing bush | |
| 7 | Swinghandle adapter | |
| 8 | Rod control | |
| 9 | Adapter | |
| 10 | Cam | |
| 11 | Rod (inside the gasketing) | |
| 12 | Rod (outside the gasketing) | |
| 13 | Locking options, e.g. profile half cylinder | |
| 14 | Door | |
| 15 | Cabinet/frame | |



3BA-100



Escutcheon polyamide black; Hook or cap Polyamide V0 black, zinc plated screws

	Hook IP 40	screw-on cap IP 65 version A
for square, triangular, Daimler-Benz, slot	1321-U1	1321-U3
for double bit	1321-U2	1321-U4
for railroad square 9	on request	on request
for FIAT	on request	on request

Insert zinc die chrome plated; fixing material m.s. zinc plated

Square 6	1121-U11
Square 7	1121-U12
Square 8	1121-U13
Triangular 6,5 CNOMO	1121-U169
Triangular 7	1121-U14
Triangular 8	1121-U15
Double bit 3**	1121-U16
Double bit 5**	1121-U17
Square female 8	1121-U167
Daimler Benz	1121-U18
Slot 2 x 4	1121-U123
FIAT	1121-U24
Railroad square 9	1121-U72

Accessories



Transport safety device polyamide GF
black for double bit insert

1121-32

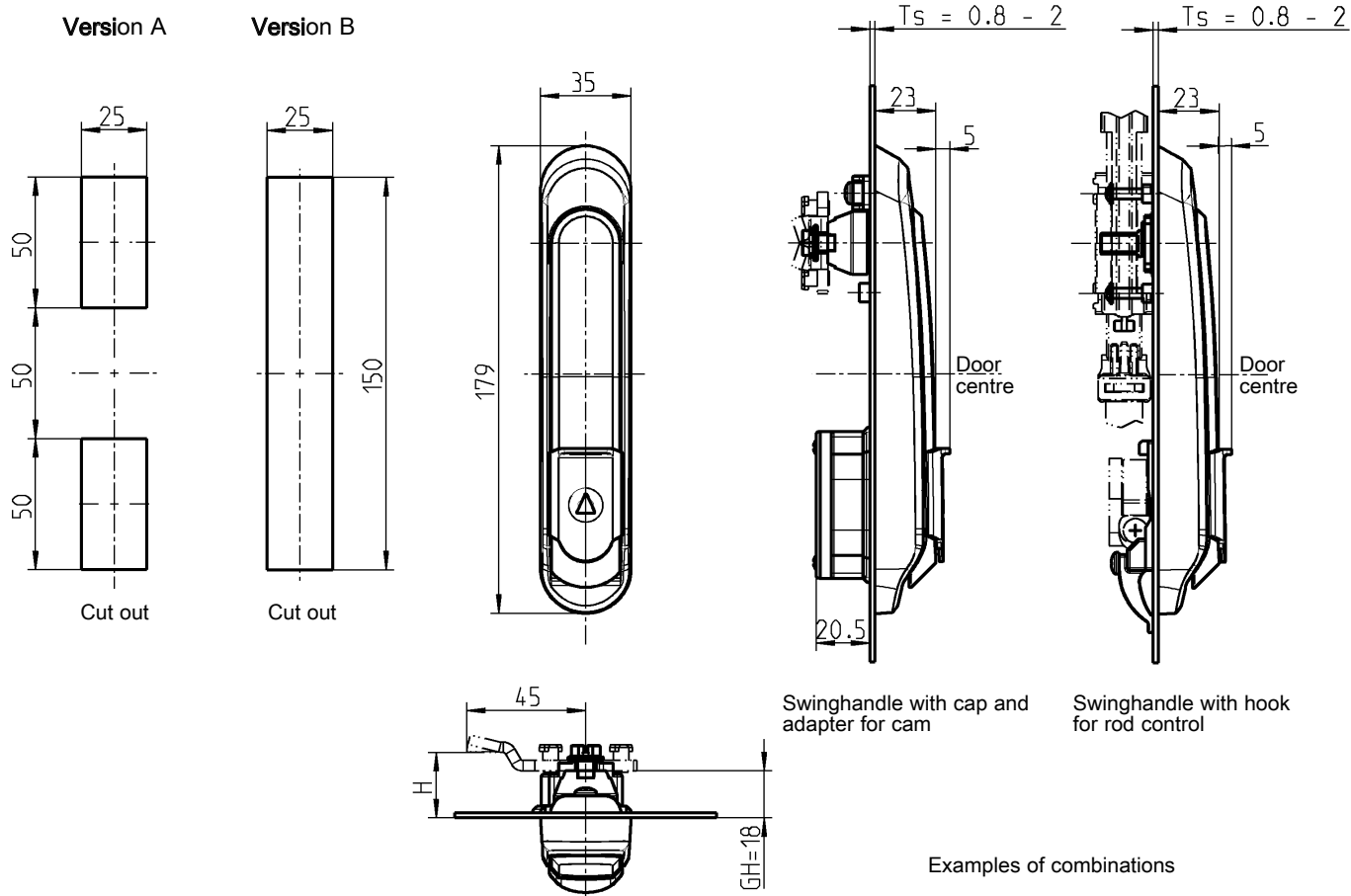
Multicolour print possible

Further parts see page

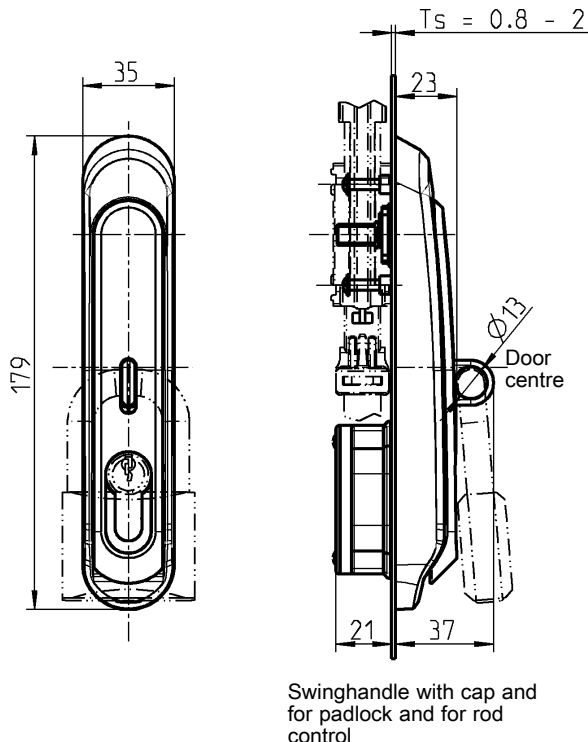
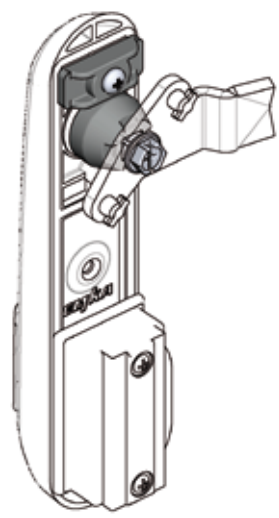
– Key	12B-120
– Rod control	3YA-110
	3YA-120
	3YA-140
– Bearing bush	3YB-120

Swinghandle with variable use of locking

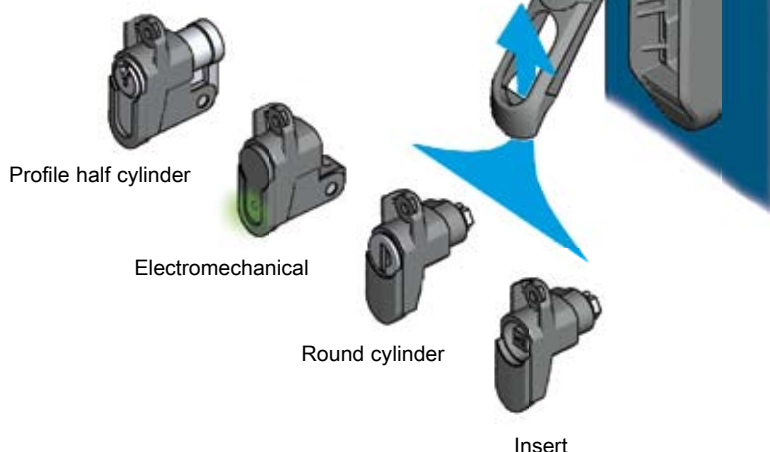
PROGRAM 1325



Adapter for cam
1325-U101
order separately



Locking set for different locking systems



New defined standards

- innovative design (awards)
- ergonomical haptics
- variable locking options
- consistent smooth operation, regardless of the mounting
- integrated scratch resistant surface prevents damage (handle / escutcheon)

Swinghandle for rod box

Handle polyamide GF black; **escutcheon** polyamide GF VO black;
dust cap polyamide GF black (not with swinghandle for padlock);
shaft zinc die zinc plated; **circlip** m.s. zinc plated;
hook or cap polyamide GF VO black; **padlock stud** AISI 316;
fixing material m.s. zinc plated; with spring and seal

❶ (please order locking system separately)
 ❷ (with cut-out Version A)

without locking system ❶

with locking system for profile half cylinder 40 mm (A = 30 mm)

Swinghandle with hook ; IP 40

1325-U1

1325-U1-01

Swinghandle with cap ; IP 65 ❷

1325-U2

1325-U2-01

Swinghandle with hook and for padlock, IP 40

1325-U3

1325-U3-01

Swinghandle with cap and for padlock; IP 65 ❷

1325-U4

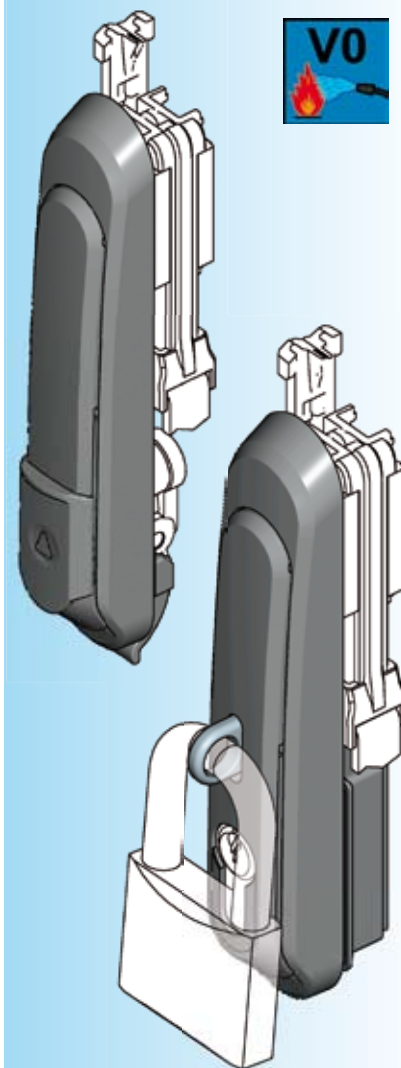
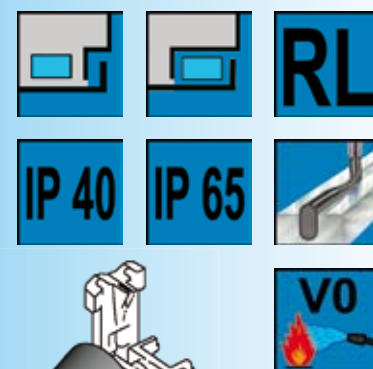
1325-U4-01

Adapter for cam PBT GF VO black; **bridge** polyamide GF VO black;
fixing material m.s. zinc plated

1325-U101

See General Catalog 2011 for page references you can't find in the ECHO (e.g. 1B-105).

© EMKA Beschlagteile GmbH & Co. KG 2013



Multicolour print possible

Swinghandle without dust cap on request

Further parts see page

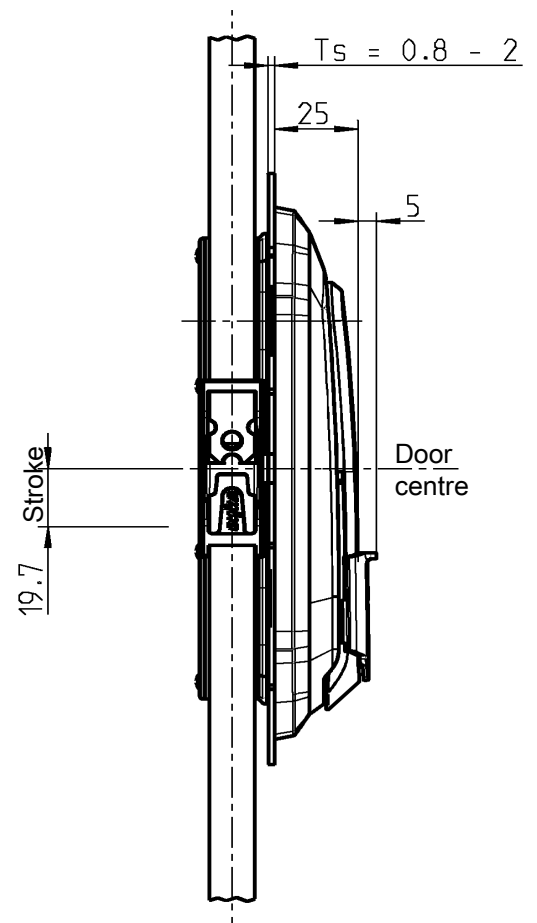
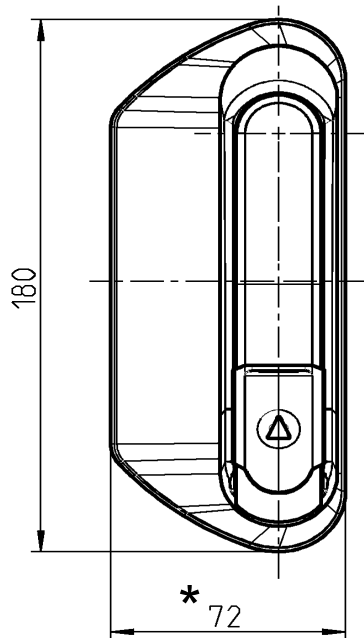
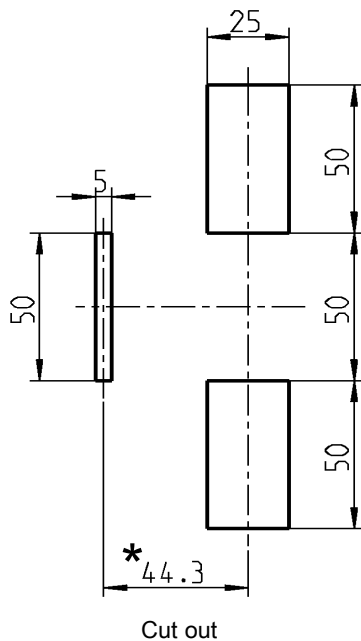
– Profile half cylinder 3XB-120
 (Blind plug without spring loaded ball not applicable)

– Locking set 3XC-120
 – Cam (for adapter) 3YC-120
 – Rod control 3YA-110
 3YA-120
 3YA-140

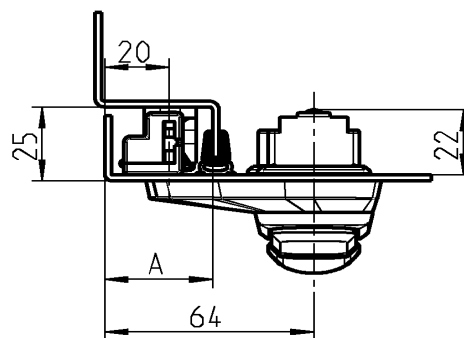
– Cam for rod control (3-point latch system) 3YA-840

Swinghandle with variable application for locks for small bending area

PROGRAM 1325



Stroke of rod one direction

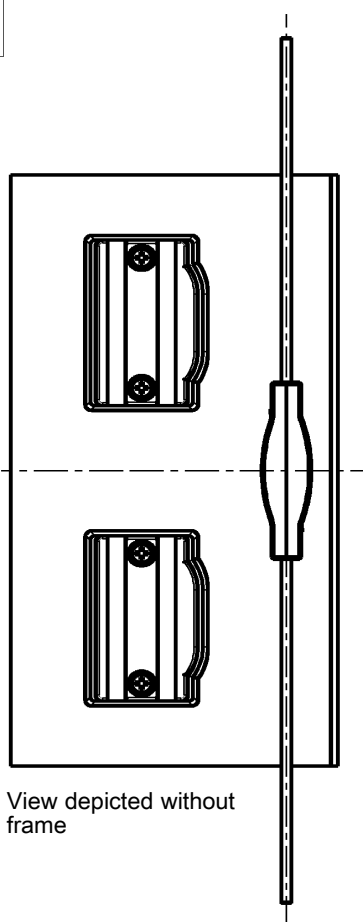


Example for installation circumstances

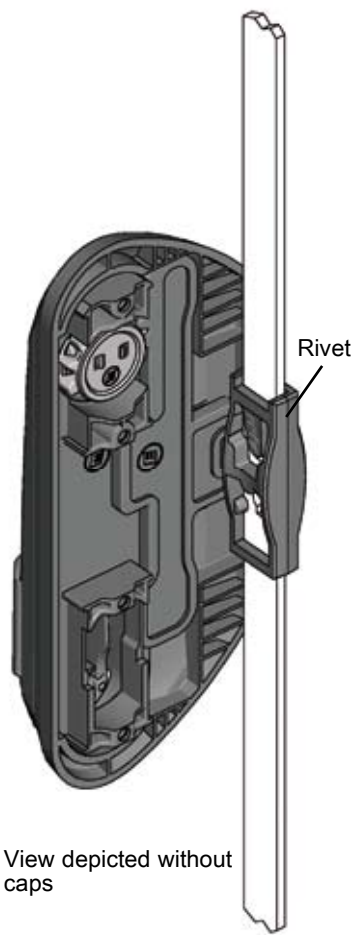
Catch type	Dimension A
1	33
2	33
3	37

New defined standards

- innovative design (awards)
- ergonomical haptics
- variable locking options
- quick assembly and simple RH-LH-conversion
- integrated scratch resistant surface prevents damage (handle / escutcheon)
- rattle free rod connection due to a patented clip-on joint



View depicted without frame



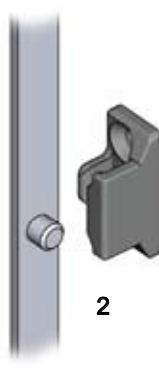
View depicted without caps

Catch types



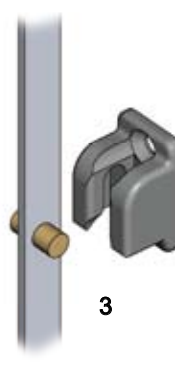
1

Rod with cut out



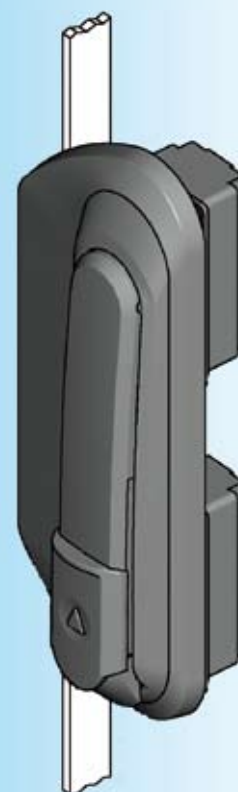
2

Rod with single roller



3

Rod with double roller



Locking set for different locks (see catalogue page 3BA-220)

* Articles in other dimensions on request

Catch and hinge have the same fixing points

Multicolour print possible

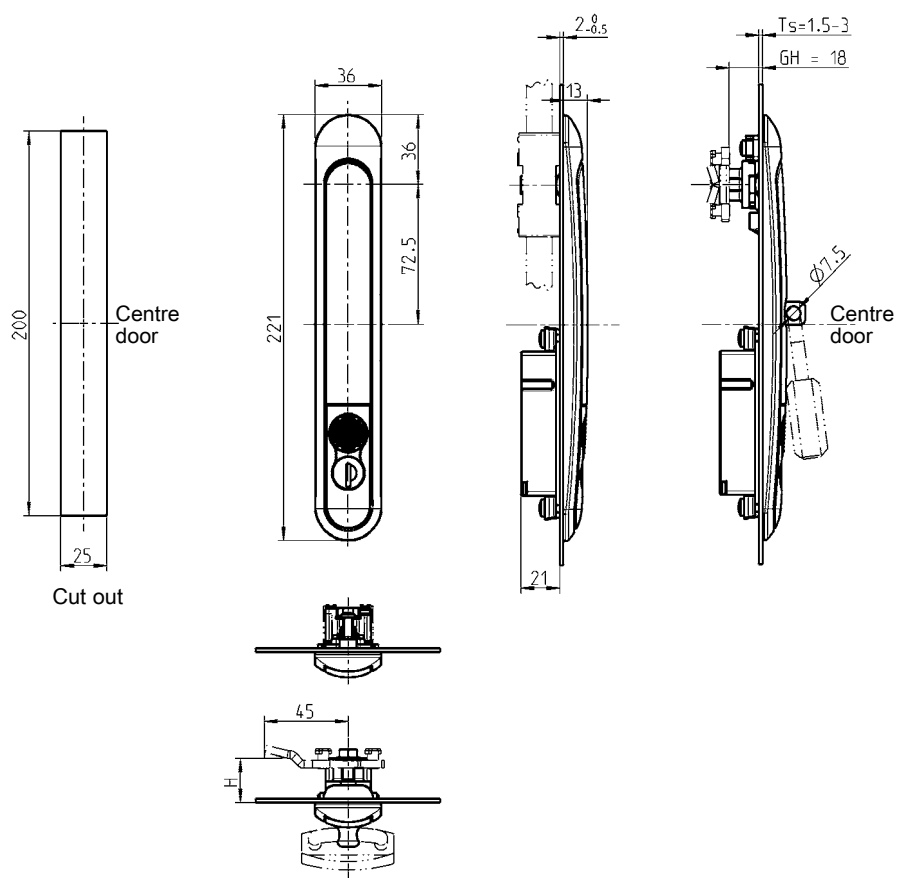
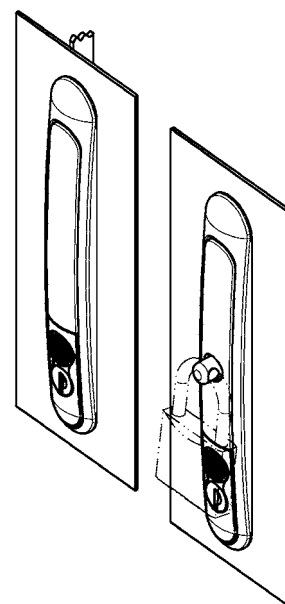
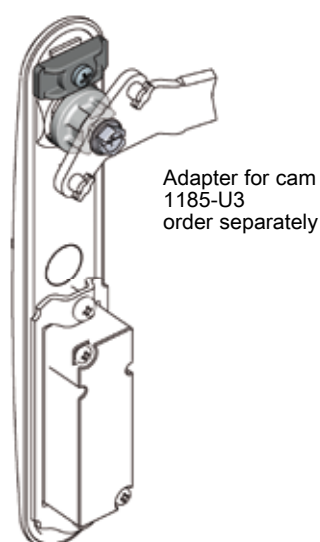
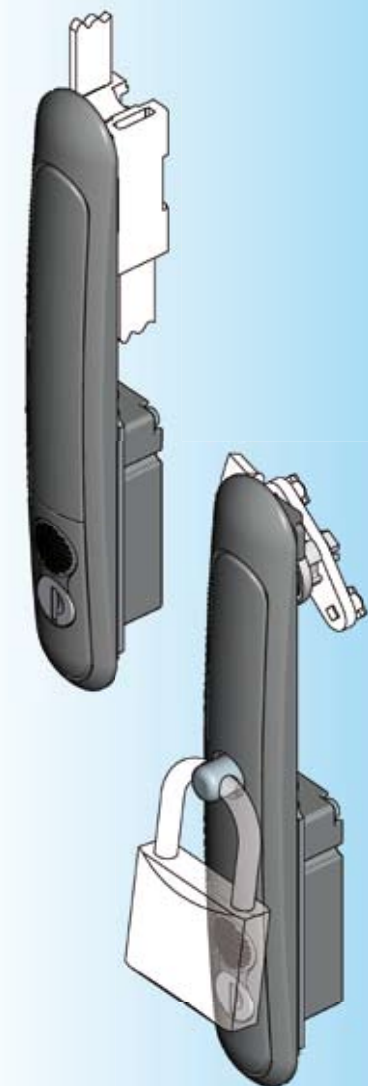
Further parts see page

– Locking set 3XC-120
– Rods 3ZA-600

Swinghandle and rivet polyamide GF black; caps polyamide GF VO black;
rack polyamide 66 GF 50 black; shaft with sprocket zinc die zinc plated;
fixing material m.s. zinc plated; with spring and seal

without locking set (please order locking set separately)

1325-U201



Swinghandle for rod box
Handle, escutcheon and push button GD-Zn black powder coated;
padlock stud AISI 303;
shaft GD-Zn; round cylinder GD-Zn with stainless steel cap and shutter;
fixing material stainless steel; with seal.
Each round cylinder has one key m.s. nickel plated.

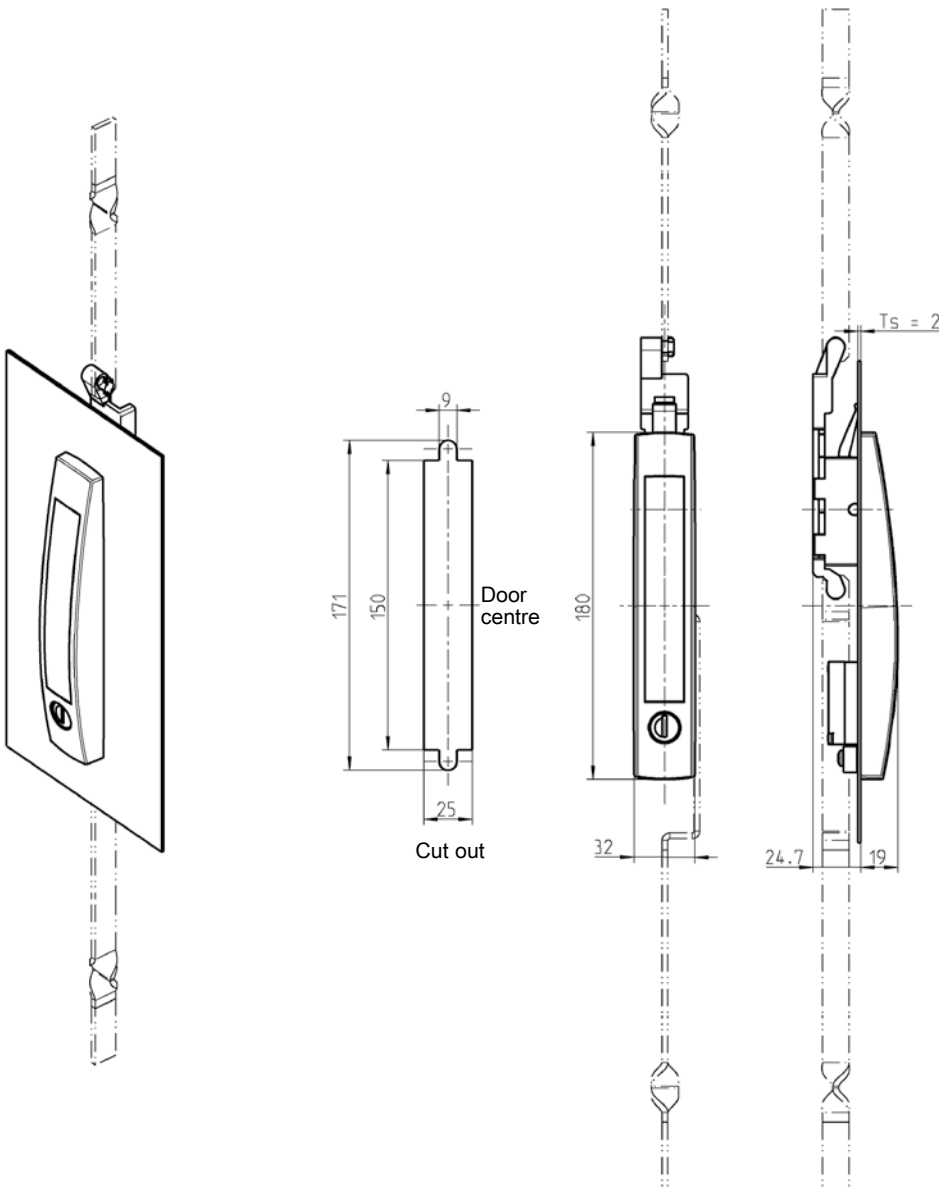
keyed EK 333	1185-U4
keyed different	1185-U4-V
keyed EK 333 and for padlock	1185-U5
different closing and for padlock	1185-U5-V

Adapter for cam zinc die zinc plated; bridge polyamide GF VO black;
with fixing material

1185-U3

Further parts see page

– cam (stroke = 26) 3YC-120
 – Rod control 3YA-480



Lifthandle polyamide GF black, rod control zinc die, screw m.s. zinc plated, round cylinder with stainless steel cap and dust protection.

Each round cylinder has one silver steel key with polyamide grip GF black.

keyed EK 333

1190-U206

keyed different

1190-U206-V

Inserts: Chrome plated zinc alloy

Square 6

1190-U209

Square 7

1190-U210

Square 8

1190-U211

Triangular 6,5 CNOMO

1190-U231

Triangular 7

1190-U212

Triangular 8

1190-U213

Double bit 3

1190-U214

Double bit 5

1190-U215

Daimler Benz

1190-U216

Slot 2x4

1190-U217

Hexagon 8 mm female with pin

1190-U218

Male hexagon 11 mm

1190-U219

Stroke of rod one direction

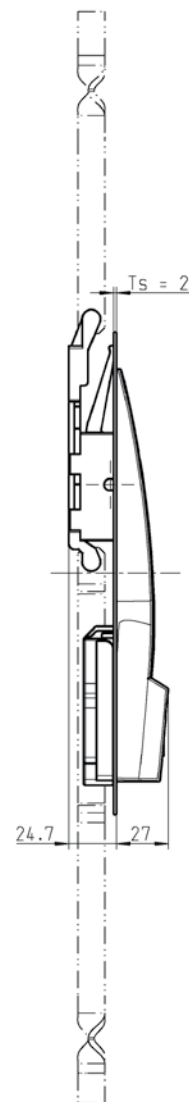
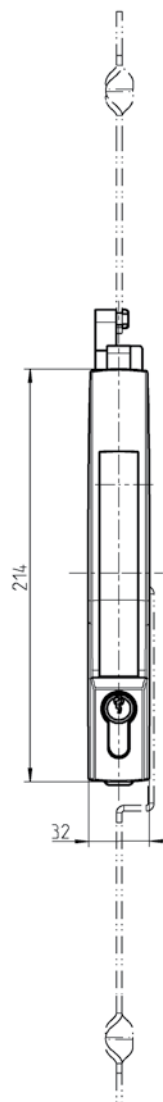
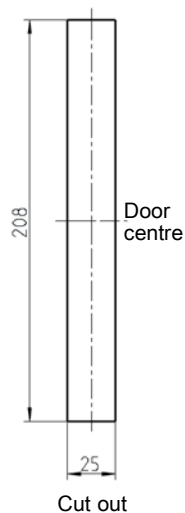
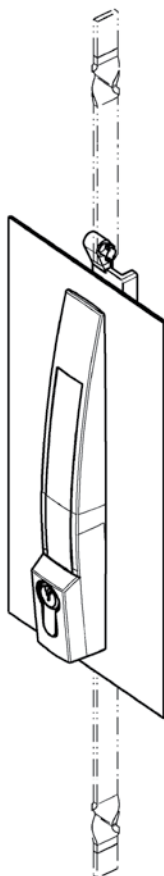
Stroke 18 mm

Further parts see page

– Rod

outside

3ZA-560



Note:
Profile half cylinder 40mm (A = 30 mm), adjust locking cam on 11 o'clock.

Stroke of rod one direction

Stroke 18 mm

Further parts see page

– Rod

outside

3ZA-560

– Profile half cylinder

3XB-320

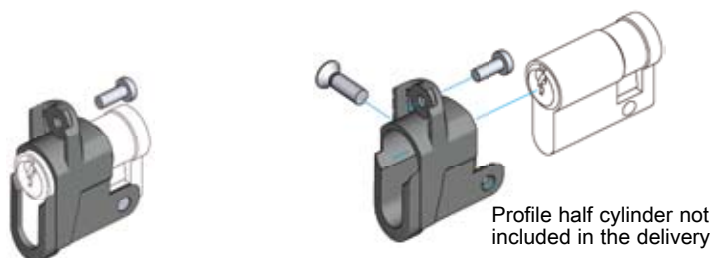
Lifthandle polyamide GF black, rod control zinc die, screw m.s. zinc plated

1190-U306

New locking set series

PROGRAM 1317, 1325

Beschlagteile



Locking set polyamide GF VO black; screws m.s. zinc plated

for 40 mm profile half cylinder (A = 30 mm)

1109-U101



Locking set polyamide GF VO black; round cylinder GD-Zn with stainless steel cap and shutter; screws m.s. zinc plated.

Each round cylinder has one silver steel key with polyamide grip GF black.

keyed EK 333

1109-U103

keyed different

1109-U104

Assembly of swinghandle and locking set on request

1109-990



Locking set polyamide GF VO black; insert zinc die chrome plated; screws m.s. zinc plated

Square 6

1109-U105

Square 7

1109-U106

Square 8

1109-U107

Square 8 slotted

1109-U108

Triangular 6,5 CNOMO

1109-U109

Triangular 7

1109-U110

Triangular 8

1109-U111

Triangular 9

1109-U112

Triangular 10

1109-U113

Double bit 3

1109-U114

Double bit 5

1109-U115

Hexagon female 10

1109-U116

Square female 6

1109-U117

Square female 8

1109-U118

Daimler Benz

1109-U119

Slot 1,2 x 3

1109-U120

Slot 2 x 4

1109-U121

Crown type

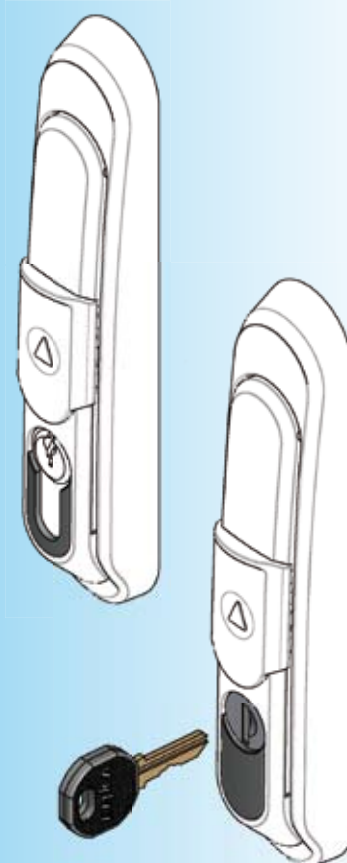
1109-U122

Eastern Europe Ø 13

1109-U123

Assembly of swinghandle and locking set on request

1109-990



Further parts see page

– Profile half cylinder 3XB-120
(Blind plug without spring loaded ball not applicable)

– Key 12B-120
– Spare key 12B-140

Program 1317

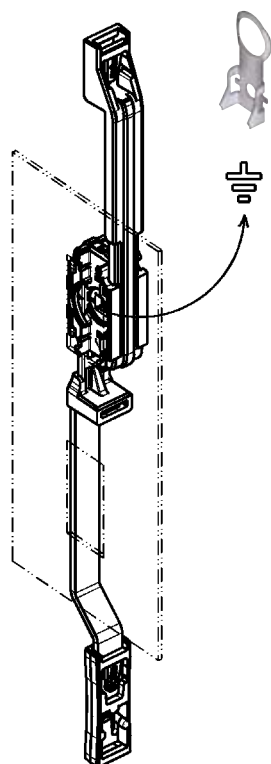
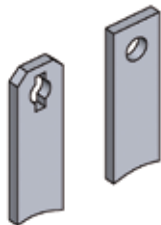
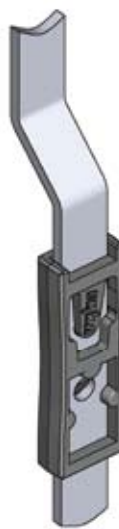
– Swinghandle 3AB-140

Program 1325

– Swinghandle 3BA-220
3BA-320



Quick assembly of the rod



Further parts see page

- Rods
 - outside 3ZA-120
 - inside 3ZB-120 (only flat rods possible)
 - 3ZB-220
 - 3ZB-240
- Earthing device 3YA-720
- Cam 3YA-820 (Swinghandle 1325) 3YA-840

Program 1125

- Escutcheon long 3B-120
- 3B-180
- Swinghandle 3B-220
- 3B-420

Program 1150

- Swinghandle 1150 3C-160
- 3C-720
- up to 3C-750
- Swinghandle 1153 3C-320

Program 1225

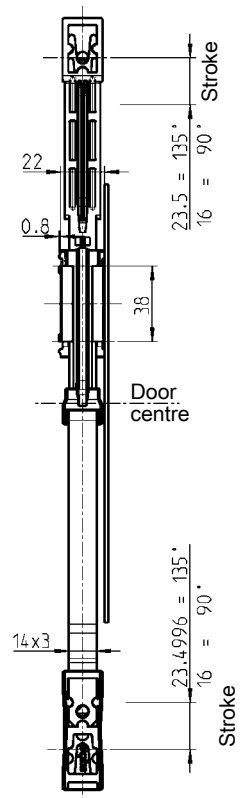
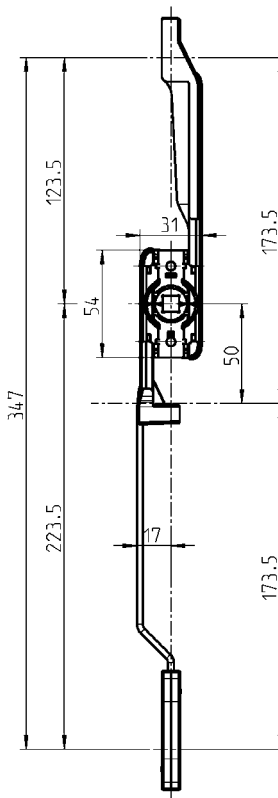
- Escutcheon long 3G-120
- 3G-180
- Swinghandle 3G-220
- 3G-420

Program 1325

- Escutcheon 3BA-120
- Swinghandle 3BA-220

Program 3000

- Swinghandle 3N-120



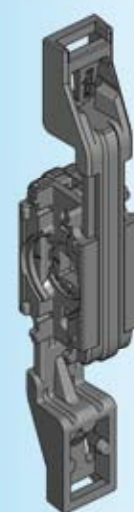
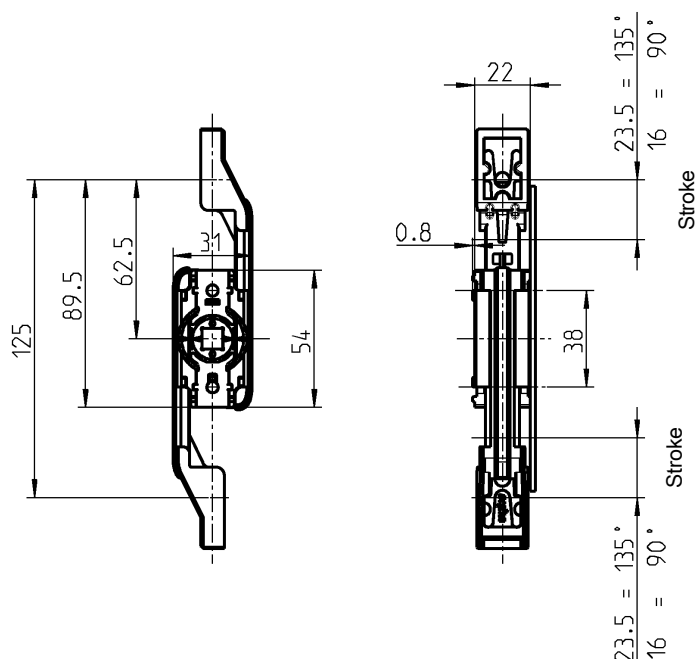
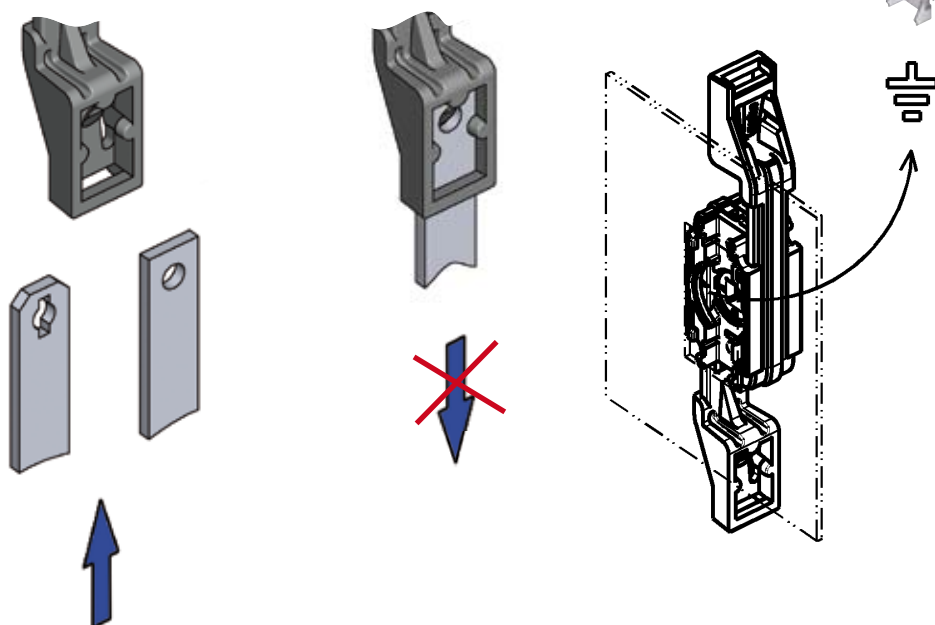
Rod control made of high performance plastics

1121-U26-K

Rod control

PROGRAM 1125, 1225

Quick assembly of the rod



Further parts see page

- Rods
 -  inside 3ZB-120
 - (only flat rods possible) 3ZB-220
 - 3ZB-240
 - Earthing device 3YA-720
 - Cam 3YA-820
- Program 1125**
- Escutcheon short 3B-120
 - 3B-180
- Program 1225**
- Escutcheon short 3G-120
 - 3G-180
 - Swinghandle small version 3G-520

Rod control made of high performance plastics

1121-U1-K

See General Catalog 2011 for page references you can't find in the ECHO (e.g. 1B-105).

© EMKA Beschlagteile GmbH & Co. KG 2013

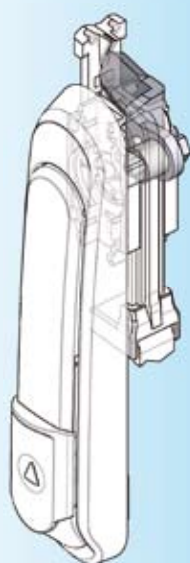
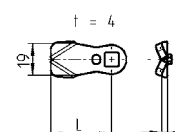
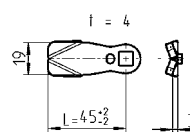
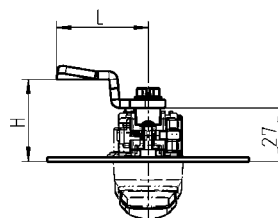
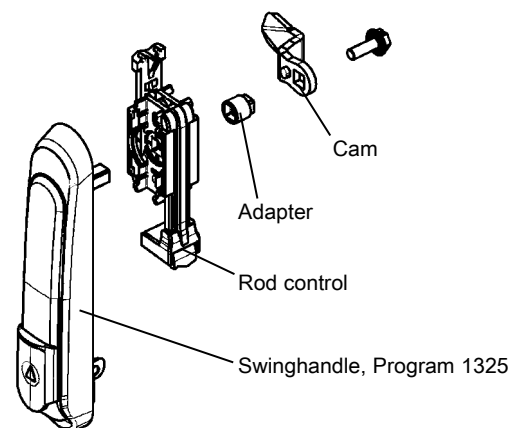
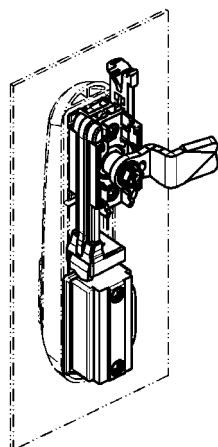
3YA-115 01/13

29

1 Quarter turns

2 Rod controls

3 Locking systems



Note:

The leading ramp increases the compression's way of the lock about 4 mm.

Program 1325:

Functioning only with swinghandle.
Combination with escutcheon see catalogue page 3YA-820.

Further parts see page

– Leading ramp 1C-170

– Rod control 3YA-110
3YA-120
3YA-140

Program 1325

– Swinghandle 3BA-220

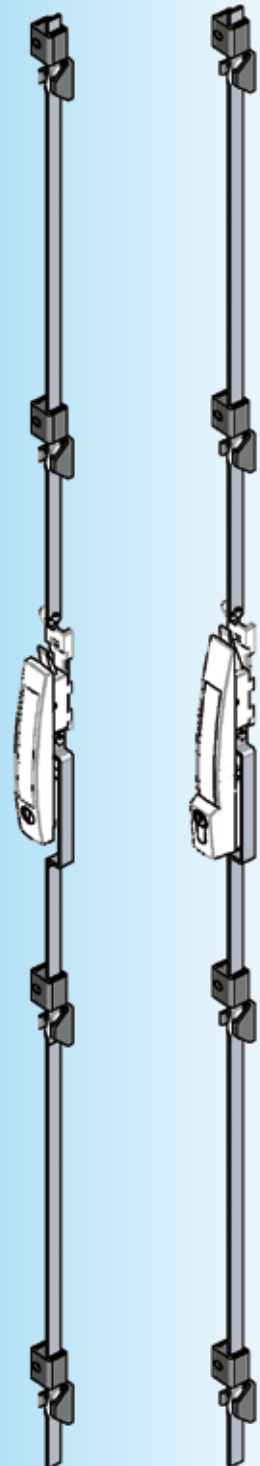
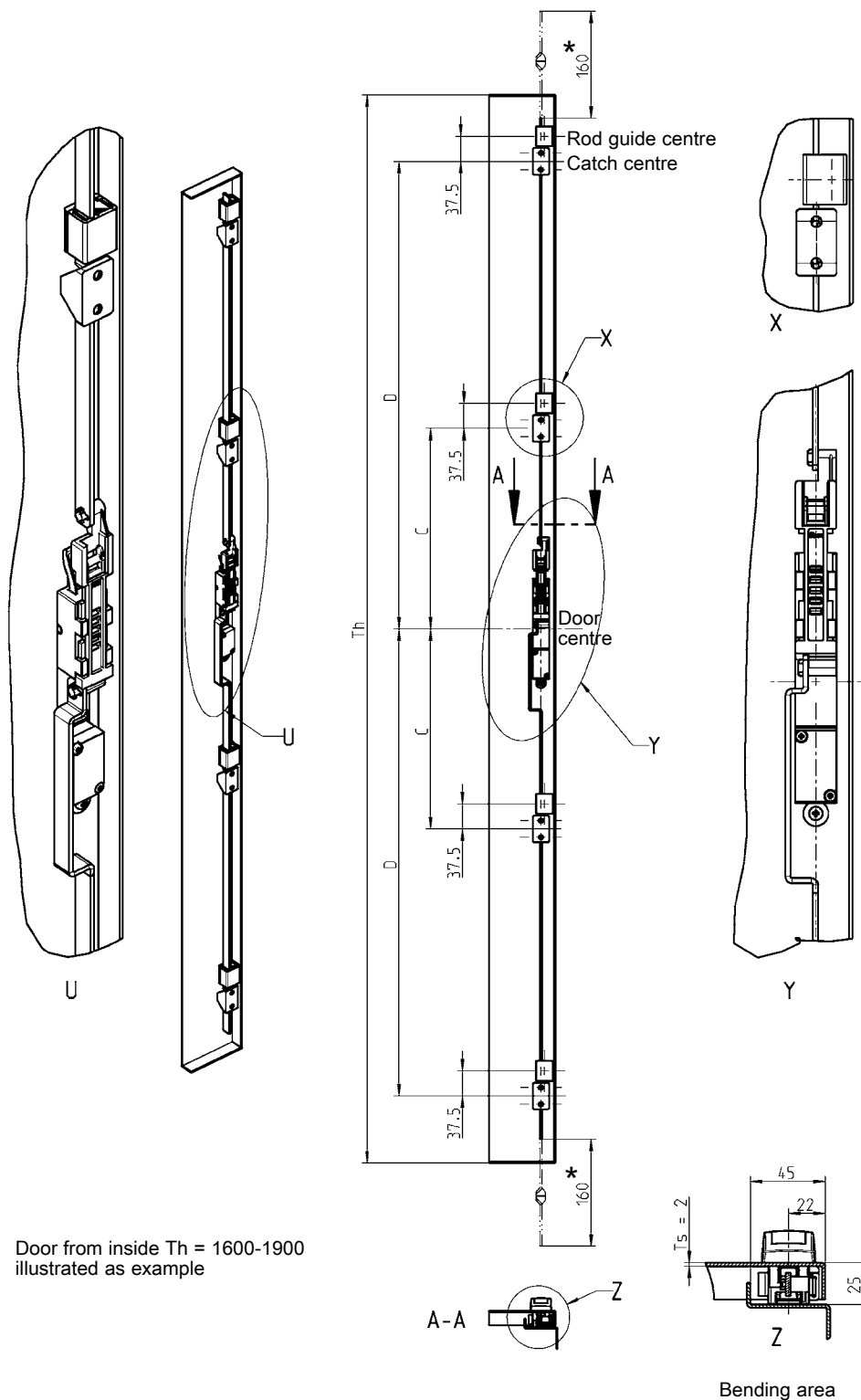
Cam m.s. zinc plated

H		H	L	
27	1000-17	27	35	1000-5046
29	1000-16	29	35	1000-5161
31	1000-15	31	35	1000-5119
33	1000-14	37	35	1000-5164
34	1000-27	Cams with different H- and L-dimensions on request. Minimum order quantity: 2000 pieces		
35	1000-50			
37	1000-13			
39	1000-28			
41	1000-26			
43	1000-12			
44	1000-11			
45	1000-51			
47	1000-52			
49	1000-25			
51	1000-53			
53	1000-54			
54	1000-10			
56	1000-55			
59	1000-56			

Adapter AISI 316 L; screw m.s. zinc plated

1121-U188

Twisted rod PROGRAM 1190



* Flat rod has to be shortened

Further parts see page

– Catches 3ZA-1220
– Rod guide 3ZC-120
3ZC-140

Program 1190

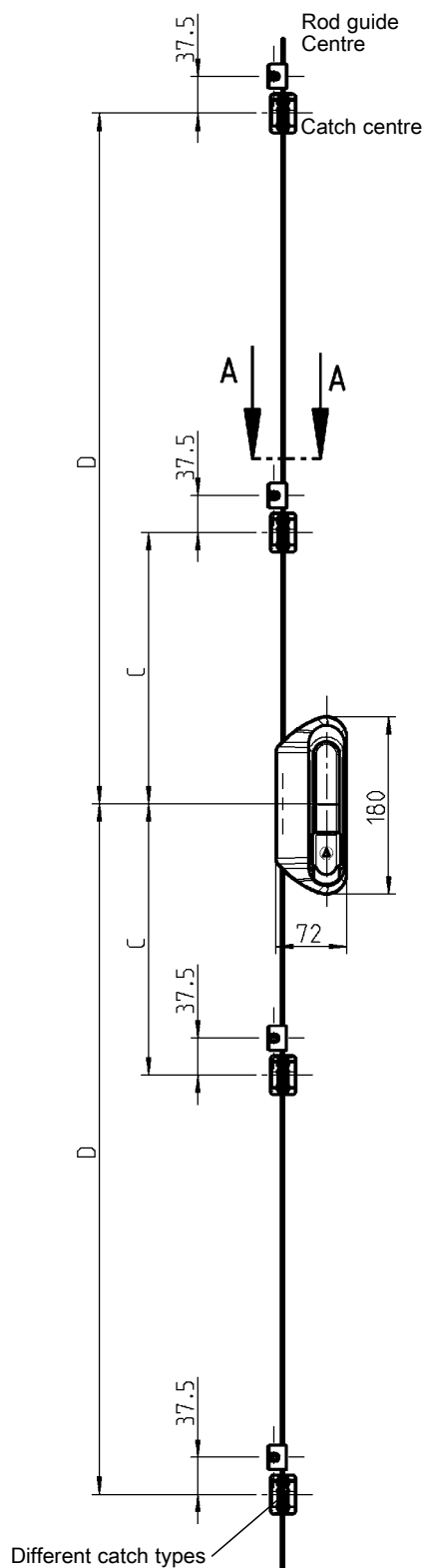
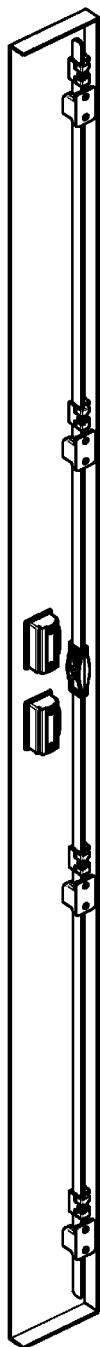
– Swinghandle 3F-320
3F-330

Door height Th	Locking points (Door centre)		Part No. Rods Upper rod		Part no. Rods Lower rod	
	Dim. C	Dim. D	m.s. zinc plated	alum.	m.s. zinc plated	alum.
800-1200	–	300	1190-25-01JB*	1190-25-01TA*	1190-25-02JB*	1190-25-02TA*
1200-1600	–	450	1190-25-01JB	1190-25-01TA	1190-25-02JB	1190-25-02TA
1600-1900	300	700	1190-27-01JB*	1190-27-01TA*	1190-27-02JB*	1190-27-02TA*
1900-2200	300	850	1190-27-01JB	1190-27-01TA	1190-27-02JB	1190-27-02TA

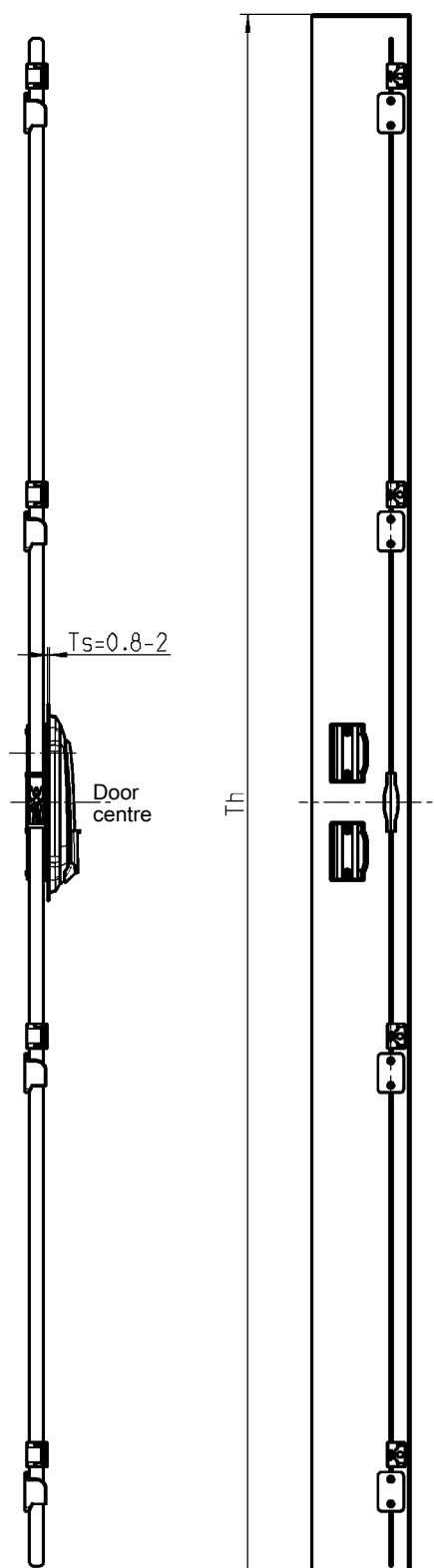
See General Catalog 2011 for page references you can't find in the ECHO (e.g. 1B-105).

Rods for small bending area

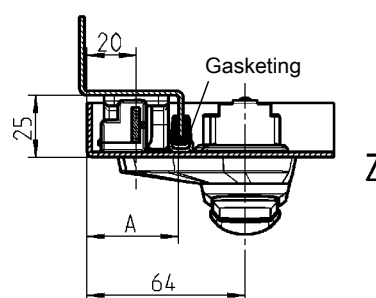
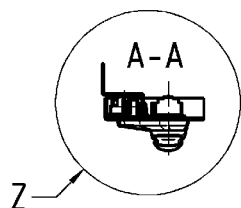
PROGRAM 1325



depicted without door



Inside door representation

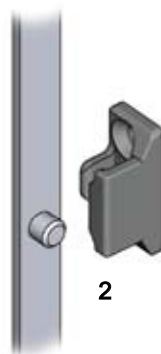


Locking options



1

Rod with cut out



2

Rod with single roller



3

Rod with double roller

Locking option	Dimension A	Article	Catalogue page	Part no.
1	33	Catches	3ZA-1220	1121-U76
		Rod guide	3ZC-120 3ZC-140	1121-89-11 1121-106
		Rod with cut out	see below	
		Hinge	* see on the bottom right	
2	33	Catches	3ZA-920	2600-12
		Rod guide	3ZC-120 3ZC-140	1121-89-11 1121-106
		Rod with single roller	see below	
		Hinge	* see on the bottom right	
3	37	Catches	3ZA-1220	1121-18-02
		Rod guide	3ZC-120 3ZC-140	1121-89-11 1121-106
		Rod with double roller	see below	
		Hinge	* see on the bottom right	



* Fixing of hinge with counter sunk screw

Further parts see page

Hinge consistent with locking option 1, 2 and 3

- 125° hinge 4A-136
- 180° hinge (at the bottom) 4A-140
- 180° hinge 4A-145

additional fittings for locking option 3

- 180° hinge (26 mm door return) 4A-170
- 180° hinge (26 mm door return) 4A-210

Program 1325

- Swinghandle for narrow Bending area 3BA-320

Door height Th	Locking points (door centre)		Rod	
	Dim. C	Dim. D	Locking option	Part no.
800-1200	–	300	1	on request
			2	on request
			3	on request
1200-1600	–	450	1	on request
			2	on request
			3	on request
1600-1900	275	700	1	on request
			2	on request
			3	on request
1900-2200	275	850	1	on request
			2	on request
			3	on request

See General Catalog 2011 for page references you can't find in the ECHO (e.g. 1B-105).



Rod with guiding shoe PROGRAM 1121

Minimum order quantity: 200 pieces
Lower quantities on request!

$L \leq 1200$

Order-example:

Part number of the rod m.s. zinc plated with stop shoe complete
with a length of 1034 mm = 1121-U187-L 1034

How to find dim. L

$$L = \frac{X - Z}{2} + Y$$

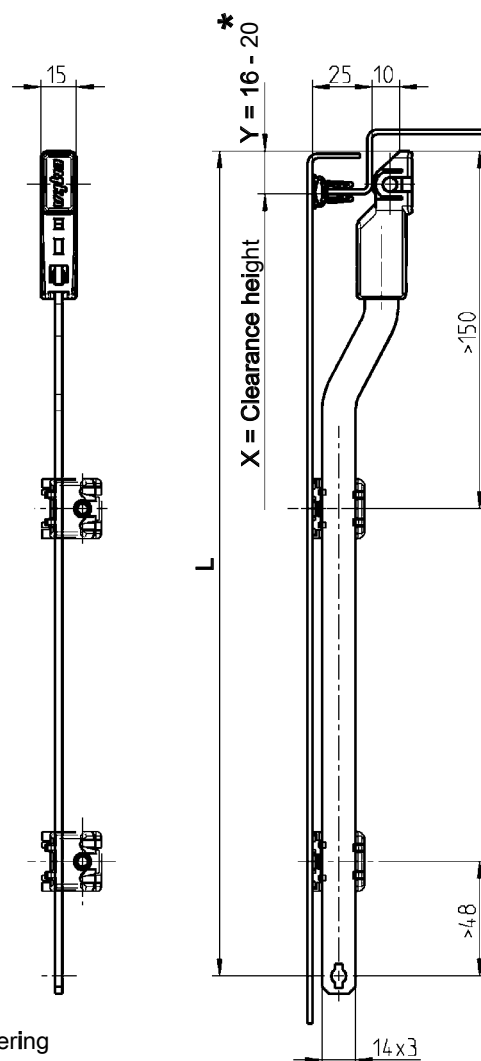
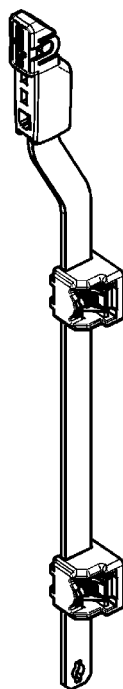
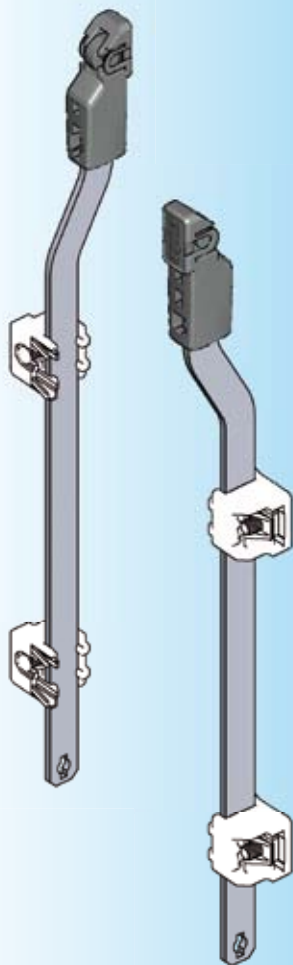
Usage: Program 1125, 1150, 1160, 1180, 1325, 2100, 2300, 3000

- rod control

3D-120; 3D-140; 3E-140; 3J-120; 3YA-120; 3YA-160

3YA-180; 3YA-220; 3YA-420; 3YA-520; 3YA-540

* Dimension Y as per version of seal



Please specify the L dim when ordering

Z = length of rod control (e.g. dimension 347 on catalogue page 3YA-120)

Further parts see page
- Rod guide 3ZC-120
up to 3ZC-170

Rod with stop shoe fully assembled;
flat rod material on choice;
stop shoe polyamide GF black; roller polyamide black

	m.s. zinc plated	AISI 304
	1121-U187-L mm	on request
	(1121-U187-01 till -08 see price list)	

Rod without hole with stop shoe fully assembled;
flat rod without hole material on choice;
stop shoe polyamide GF black; roll polyamide black

	m.s. zinc plated	AISI 304
$L + 7.5 = 1,007.5$	1121-U189	on request

See General Catalog 2011 for page references you can't find in the ECHO (e.g. 1B-105).

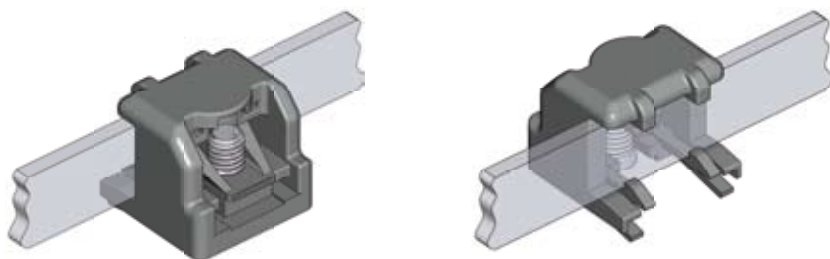
© EMKA Beschlagteile GmbH & Co. KG 2013

Rod guide clip-in type for flat rod 3x14

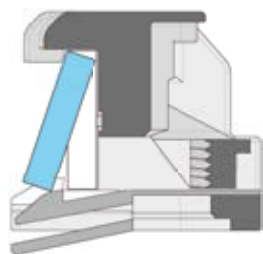
PROGRAM 1107 - 3000

Pull-out force: $F_{min} = < 650 \text{ N}$
 Application force: Typical factor $F = \text{very low}$

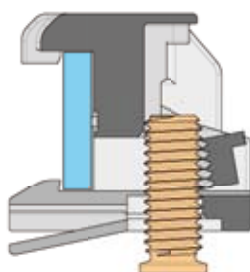
These values refer to threads with degreased surface.



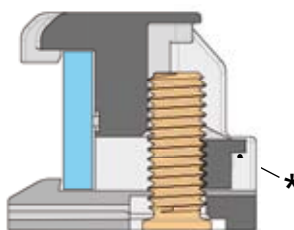
Flat rod and weld stud pictured transparent



1. Assembling of flat rod into rod guide

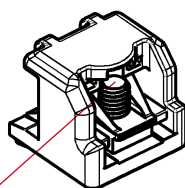


2. Rod guide can be pre-assembled on rod



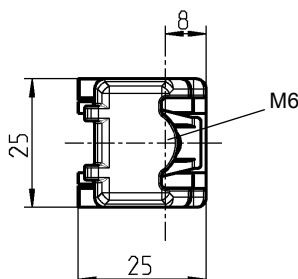
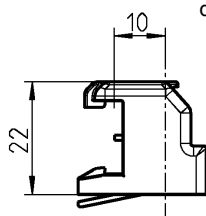
3. Rod guide pre-assembled

* Strap has to be elevated at disassembly

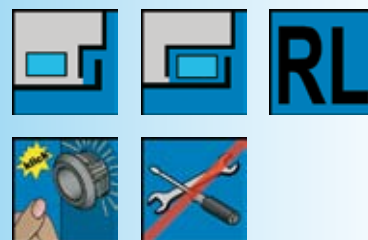


ADVANTAGE

The clip-in type rod guide can even be mounted on powder coated weld studs giving a high pull-off force.



Beschlagteile



Further parts see page

Program 1107

– Rods 3ZB-320

Program 1125; 1225; 1325

– Rods 3ZA-120

up to 3ZA-340

3ZB-120

up to 3ZB-240

3ZB-420

(only for 1125)

3ZB-440

(only for 1225)

3ZB-720

Program 1150

– Rods 3ZA-120

up to 3ZA-340

3ZB-120

up to 3ZB-240

3ZB-520

3ZB-540

Program 1160

– Rods 3ZA-120

up to 3ZA-420

3ZB-120

up to 3ZB-240

Program 1180

– Rods 3ZA-120

up to 3ZA-340

3ZA-520

3ZB-120

up to 3ZB-240

3ZB-620

Program 1190

– Rods 3ZA-120

up to 3ZA-340

Program 2100

– Rods 3ZA-120

up to 3ZA-340

3ZB-120

up to 3ZB-240

3ZB-820

Program 2300

– Rods 3ZA-620

3ZB-120

up to 3ZB-240

Program 2400

– Rods 3ZA-720

3ZA-820

Program 2600

– Rods 3ZA-920

Program 3000

– Rods 3ZA-120

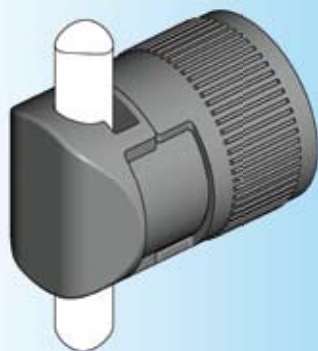
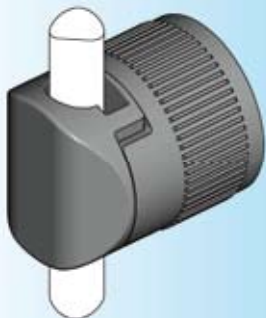
up to 3ZA-340

3ZB-120

up to 3ZB-240

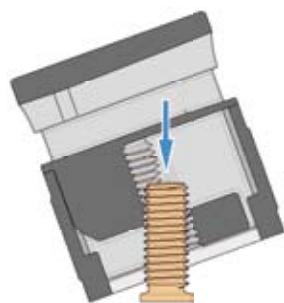
Rod guide clip-in type polyamide black for weld stud M6x16 or M6x20

1121-135

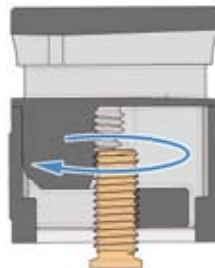


Note:
Rod guide designed for use with both A=20 and A=26

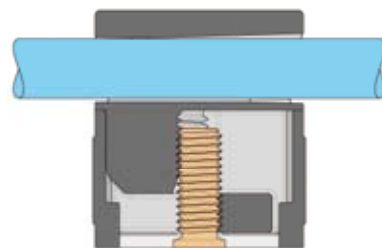
Further parts see page
Program 1107, 1125, 1150,
1180, 1225, 1325, 2100, 3000
– Rods 3ZB-120



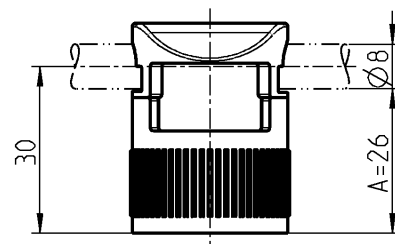
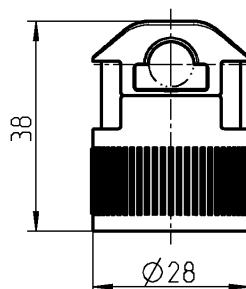
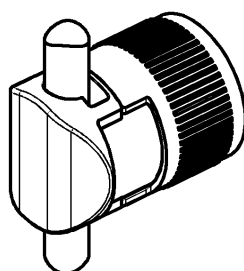
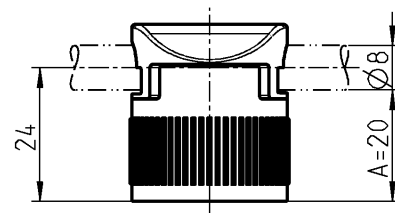
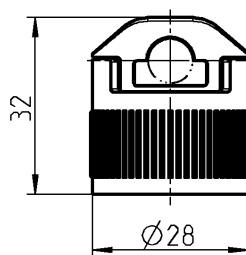
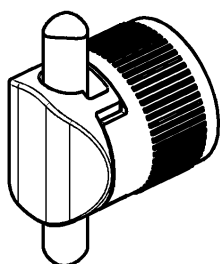
1. Attachment of rod guide on the weld stud



2. Tighten rod guide on the weld stud



3. Rod guide pre-assembled



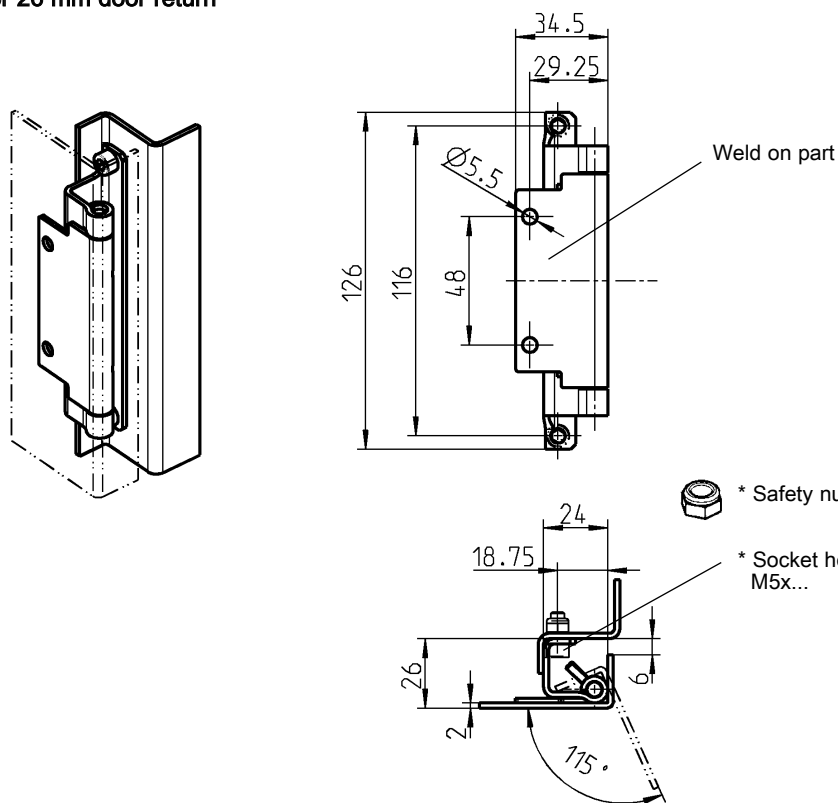
Rod guide polyamide GF black

A	for weld stud	1001-U47
20	M6x16	
26	M6x20	

115° and 135° stainless steel hinge with captive pin

PROGRAM 1031

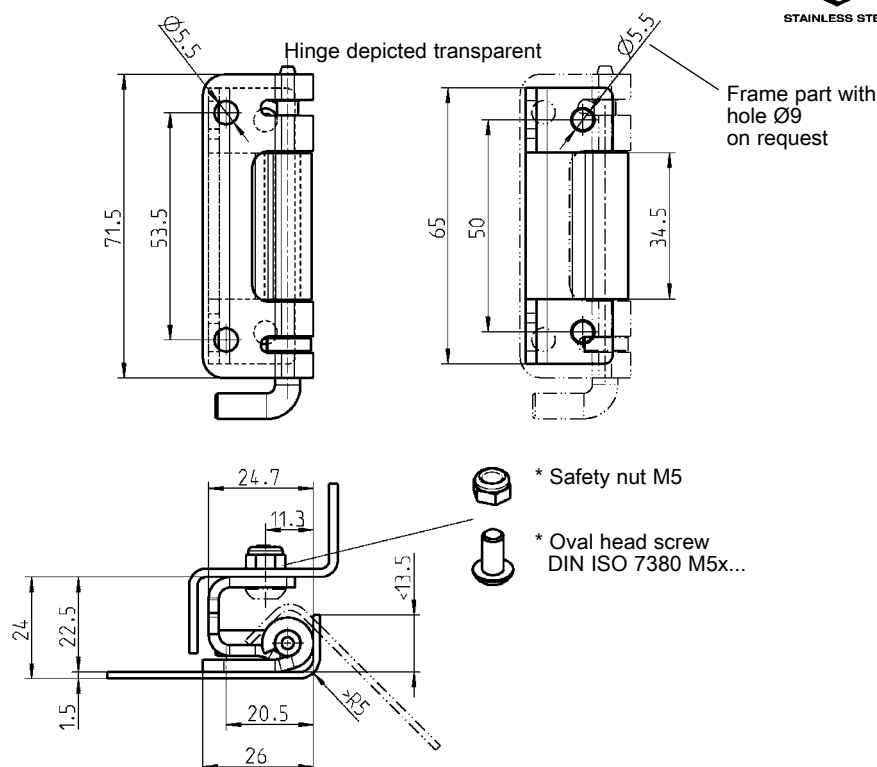
115° hinge for single cabinets
for 26 mm door return



115° hinge AISI 304

1031-U14

135° hinge for single cabinets
for 24 mm door return



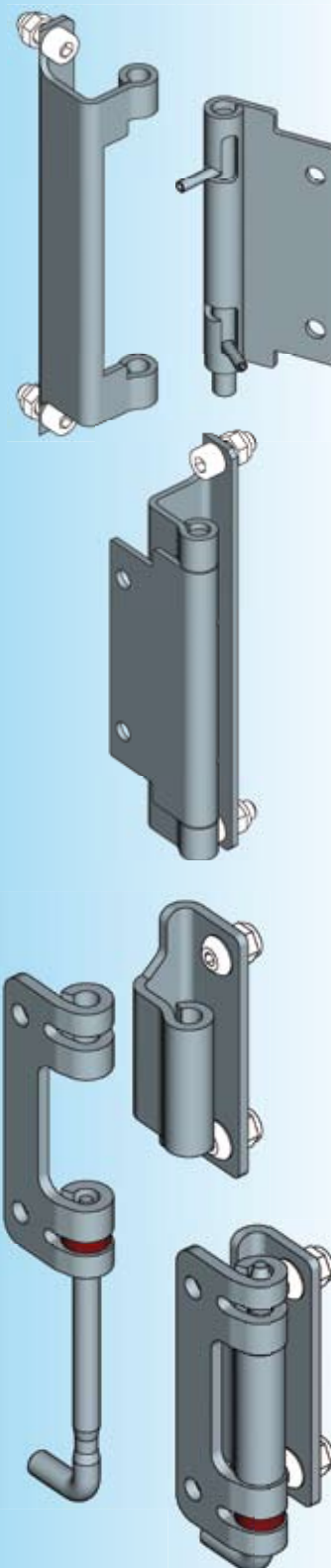
135° hinge AISI 304; pin AISI 303; pin clamping ring POM red

Fixing points according to common standards

1031-U15

See General Catalog 2011 for page references you can't find in the ECHO (e.g. 1B-105).

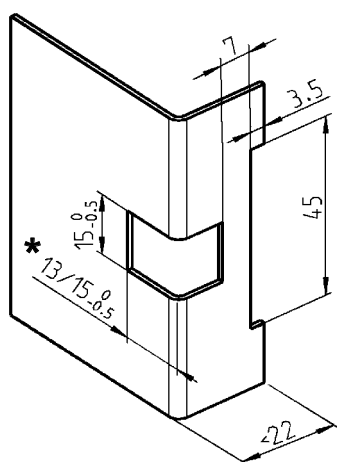
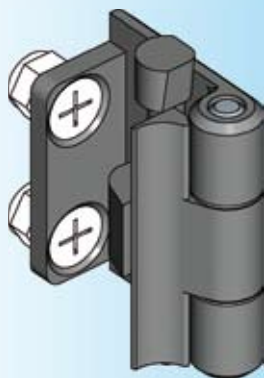
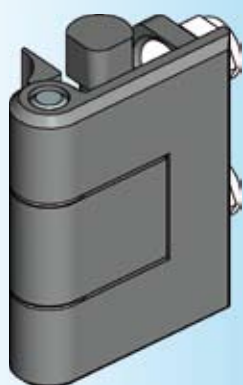
© EMKA Beschlagteile GmbH & Co. KG 2013



* not included

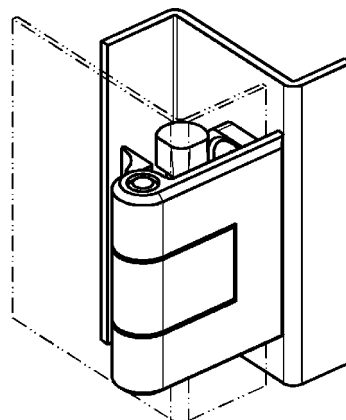
180° hinge PROGRAM 1110

180° hinge for in-line cabinets with double doors
for 25 mm door return



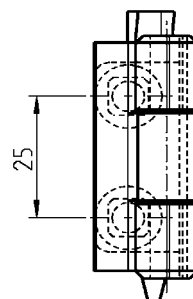
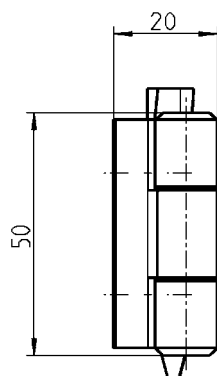
Cut out

* Door thickness 1,2 - 1,5 = 13 mm
Door thickness 1,5 - 2,0 = 15 mm

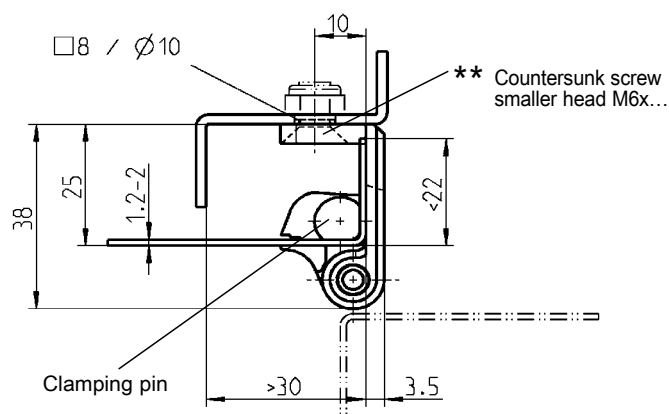


Assembling:

Hinge is fixed by knocking-in the clamping pin.



Hinge depicted transparent



Clamping pin

** not included in the delivery

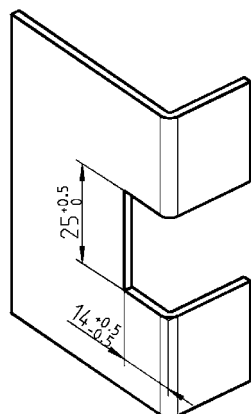
small head = DIN ISO 2009,
2010, 7046-1, 7046-2, 7047

Hinge GD-Zn black powder covered; fixing pin polyamide GF black;
pin stainless steel; washer m.s. zinc plated

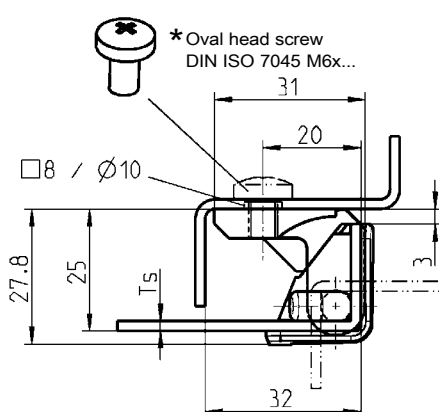
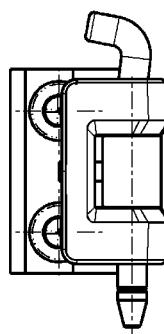
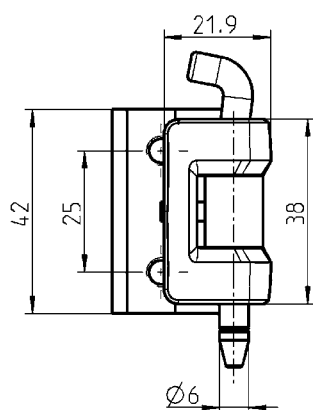
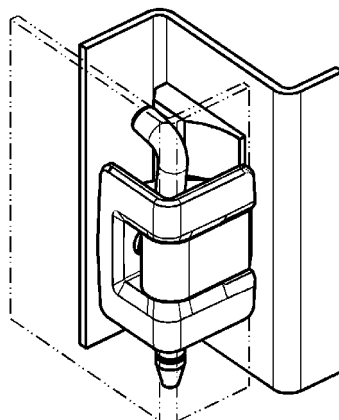
1110-U140

180° hinge PROGRAM 1110

180° hinge for single cabinets
for 25 mm door return



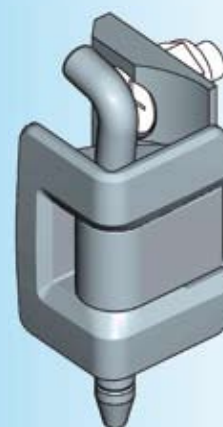
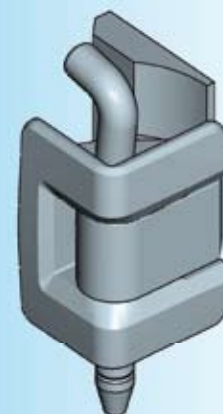
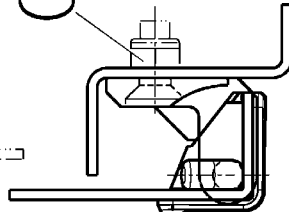
Cut out



* Safety nut M6



* Countersunk screw smaller head M6x...



* not included in the delivery

small head = DIN ISO 2009, 2010, 7046-1, 7046-2, 7047

Further parts see page
– 2D-nut

12E-120

180° hinge AISI 316; pin AISI 303

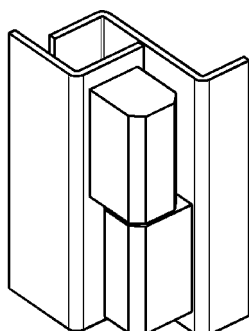
	Ts 0.8 - 1.0	Ts 1.5 - 2.0
Locking screw M6	1110-U134	1110-U135
Countersunk screw M6 (2D-nut possible)	1110-U136	1110-U137

See General Catalog 2011 for page references you can't find in the ECHO (e.g. 1B-105).

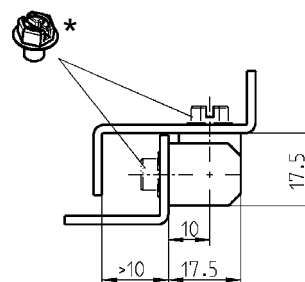
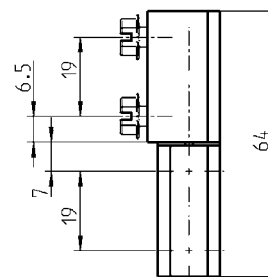
© EMKA Beschlagteile GmbH & Co. KG 2013



180° screw-on hinge



* Vibration proof screw
1000-277-09JB
(M5x6) or M5x8 with
washer



180° screw-on hinge zinc die black powder coated or AISI 316

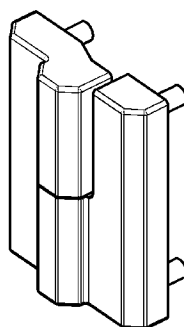
Zinc die

1056-U34

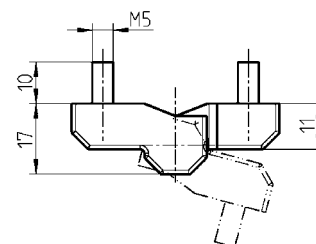
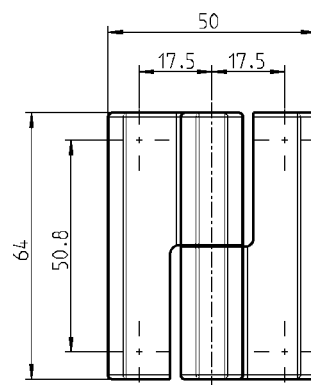
AISI 316

1056-U34-PH

160° screw-on hinge



Right-hand version shown
Left-hand version is a mirror-image

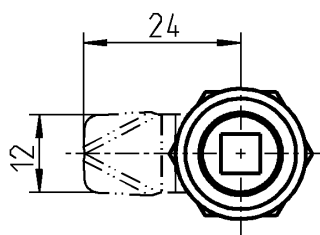
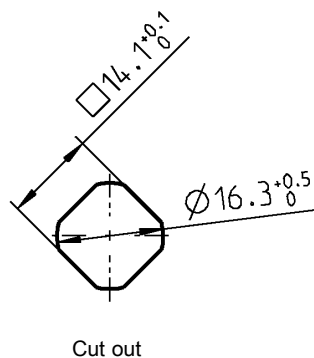
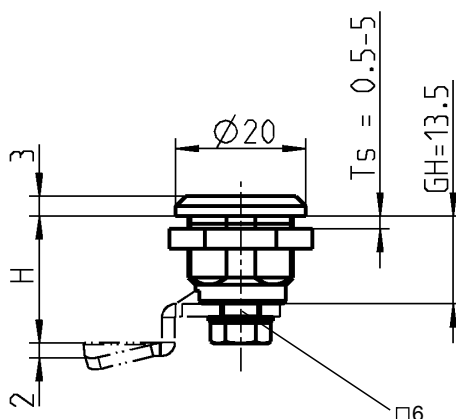
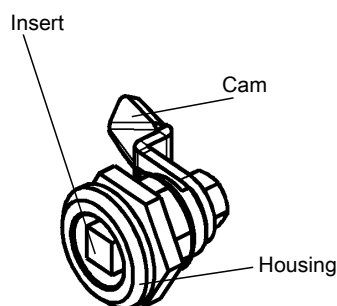


160° screw-on hinge GD-Zn black powder coated or chrome plated,
washer teflon white, pin m.s. zinc plated

	black powder coated	chrome plated
LH version	1056-U62	1056-U64
RH version	1056-U63	1056-U65

Quarter turn stainless steel

PROGRAM 1022



Housing with nut AISI 303

1022-U60

Insert with screw and wave washer 303

Square 6

1022-U61

Triangular 6,5

1022-U62

Slot 1,5

1022-U63

Blank

1022-U64

Cam AISI 304, t = 2

H = 7,5

1022-20-PC

13,5

1022-07-PC

19,5

1022-08-PC

IP 65 with:

O-ring

1022-09

Flat seal

1022-10

Assembling on request

without O-ring

1022-990

with O-ring

1022-991

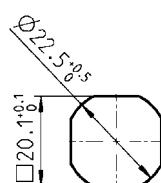
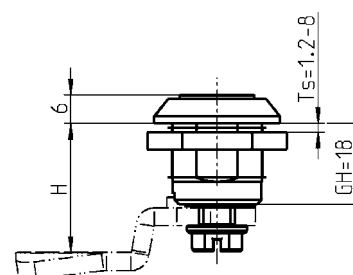
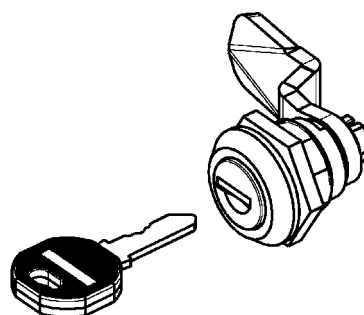
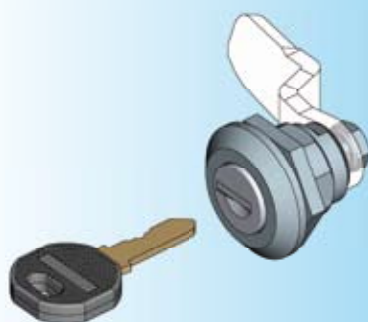
Application area:
Small doors and panels

Further parts see page

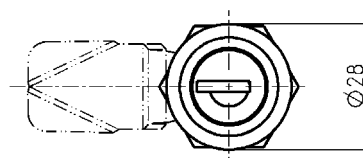
– Key 12B-120
– Dust cap 1A-120

Stainless steel quarter turn with cylinder PROGRAM 1000

Beschlagteile



Cut out



Key removable in both positions.

Further parts see page

- Cam
- Key

8A-320
12B-140

Quarter turn with cylinder AISI 316, round cylinder, screw and washer stainless steel.
Each cylinder has one silver steel key with polyamide GF grip black.

keyed EK 333

1048-U6-PH

keyed different

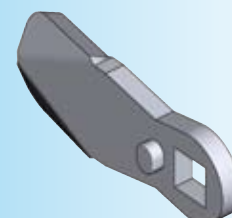
1048-U7-PH

Stainless steel rod control

Stainless steel cam

PROGRAM 1000

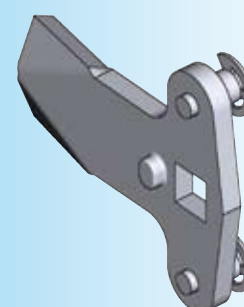
Beschlagteile



Further parts see page
– Quarter turns

8A-220
8A-230
8A-240
8A-250
8A-290

up to



Further parts see page

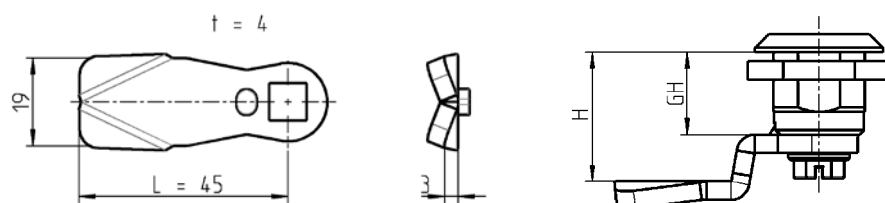
– Rod
– Quarter turns

8A-360
8A-220
8A-240
8A-250
8A-290

up to



STAINLESS STEEL

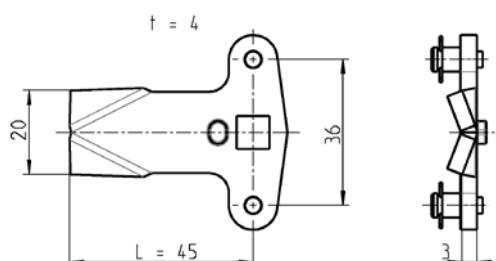


Cam on choice

H	AISI 304		AISI 316	
	GH = 18	GH = 31	GH = 18	GH = 31
6	1000-221	–	–	–
10	1000-223	–	1000-223-pd	–
14	1000-225	–	1000-225-pd	–
18	1000-227	–	1000-227-pd	–
19	–	1000-221	–	–
20	1000-228	–	1000-228-pd	–
22	1000-179	–	1000-179-pd	–
23	–	1000-223	–	1000-223-pd
24	1000-229	–	1000-229-pd	–
25	–	–	–	–
26	1000-230	–	1000-230-pd	–
27	–	1000-225	–	1000-225-pd
28	1000-180	–	1000-180-pd	–
31	–	1000-227	–	1000-227-pd
33	–	1000-228	–	1000-228-pd
35	–	1000-179	–	1000-179-pd
37	–	1000-229	–	1000-229-pd
39	–	1000-230	–	1000-230-pd
41	–	1000-180	–	1000-180-pd



for GH=18



3-point cam AISI 304

H in mm	
22	1000-U139
28	1000-U140

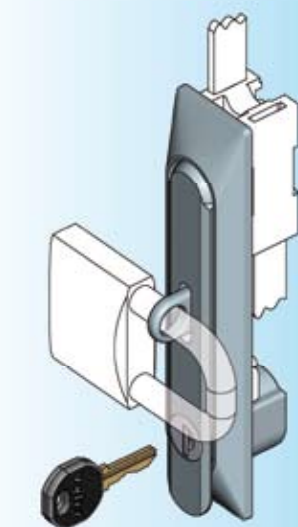
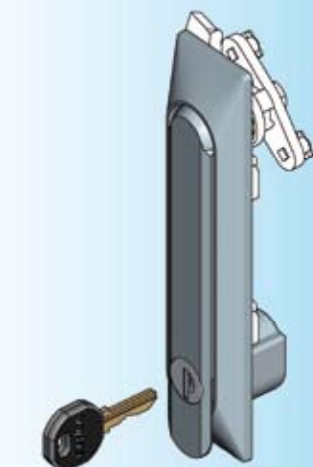
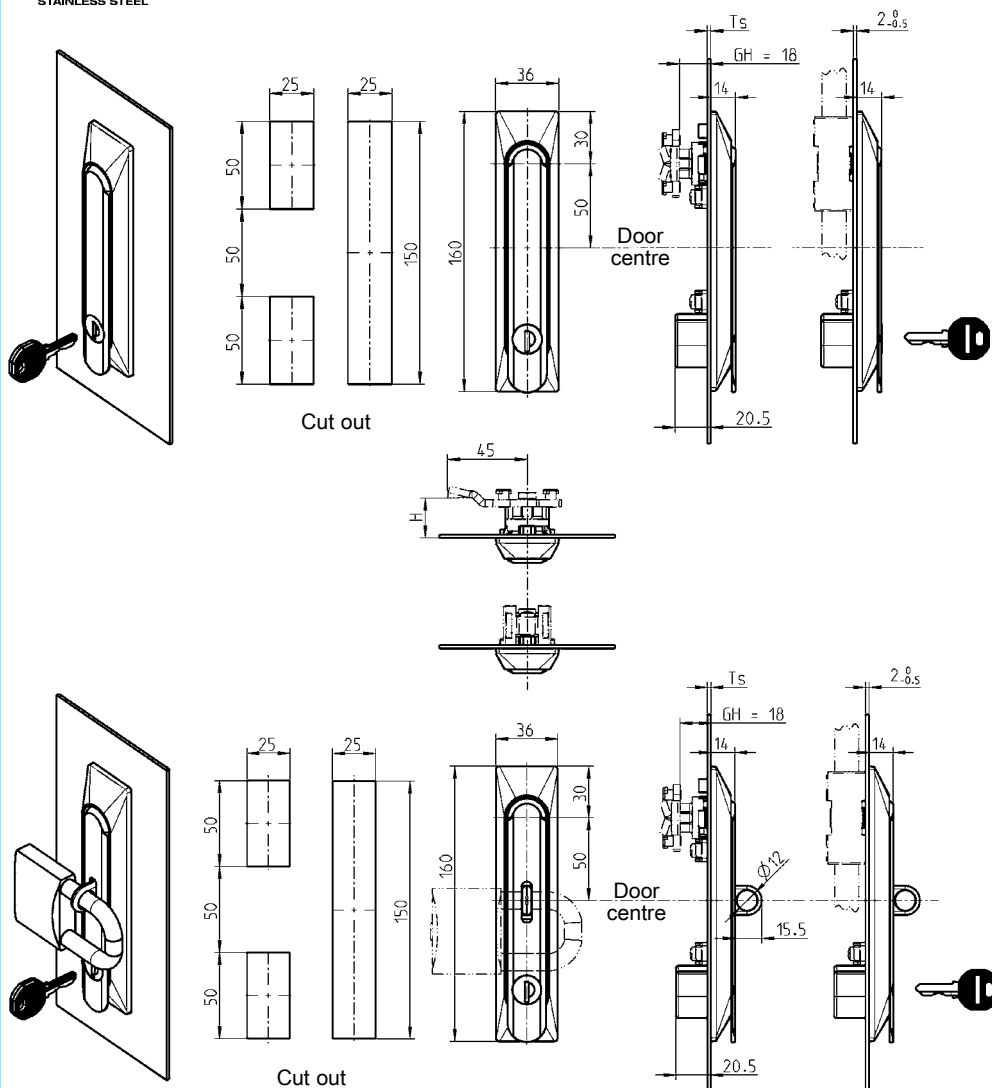
See General Catalog 2011 for page references you can't find in the ECHO (e.g. 1B-105).



Attention:

Please order fixing material separately.

Ts = 1,0 up to 3,0 mm depending on choice of fixing material



* can be assembled in cut out of 1125/1225

Further parts see page

- Fixing material 8A-634
- Cam (GH = 18) 3YC-120
- 3-point cam 8A-790
- Rod control 8A-740
- Key 12B-120
- Spare key 12B-140

On request:

- Key retained in the unlocked position
- Other inserts

Swinghandle and escutcheon AISI 316, shaft AISI 303, with seal, round cylinder AISI 316 with stainless steel cap and shutter
Each round cylinder has one silver steel key with polyamide grip GF black.

keyed EK 333	1150-U33-22PH
keyed EK 333 and for padlock	1150-U33-13PH
keyed different	1150-U34-22PH
Insert AISI 316	
Square 6	on request
Square 7	1150-U37-22PH
Square 8	1150-U38-22PH
Triangular 6,5 CNOMO	on request
Triangular 7	1150-U40-22PH
Triangular 8	1150-U41-22PH
Double bit 3	1150-U42-22PH
Double bit 5	1150-U43-22PH
Daimler Benz	on request
Slot 2x4	1150-U35-22PH
Hexagon 8 mm female with pin	on request
Male hexagon 11 mm	on request

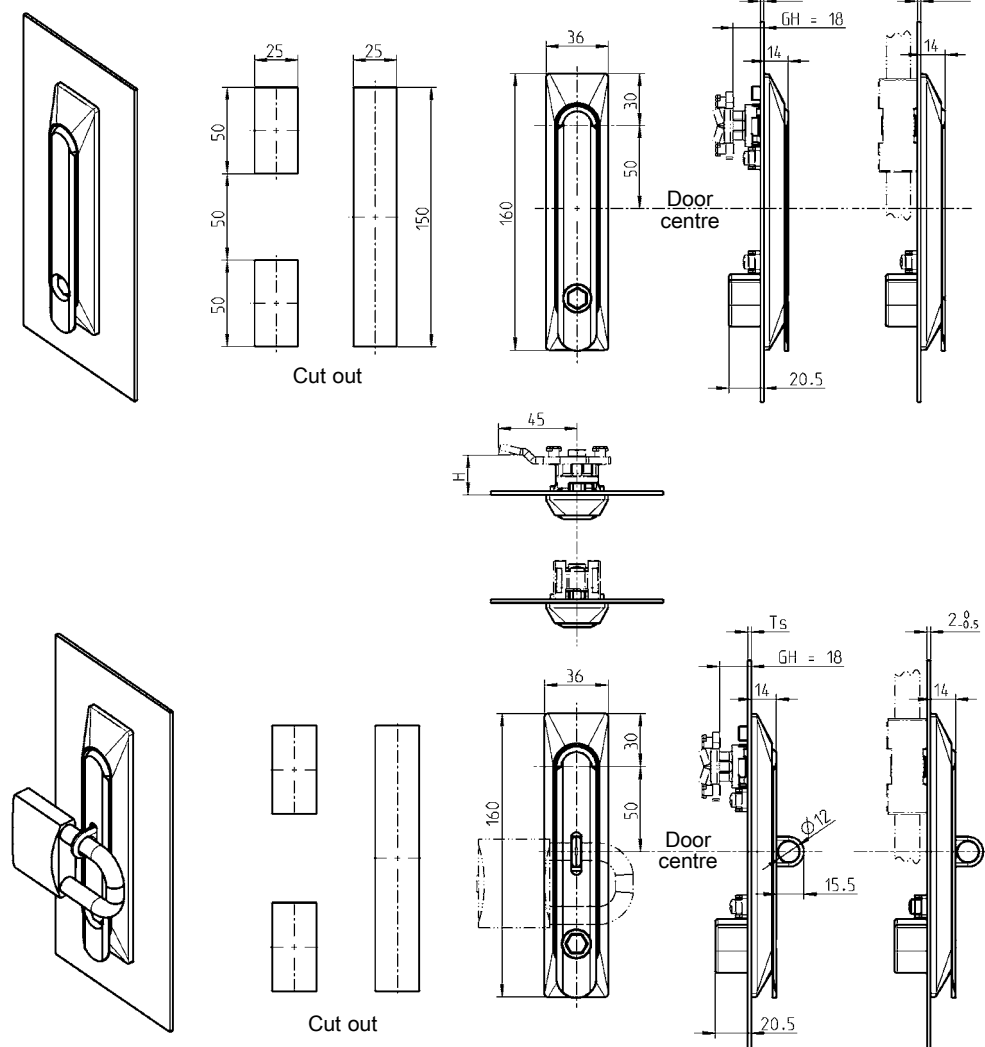
Stainless steel swinghandle* 1150 "Push to Lock" function with universal escutcheon

PROGRAM 1150

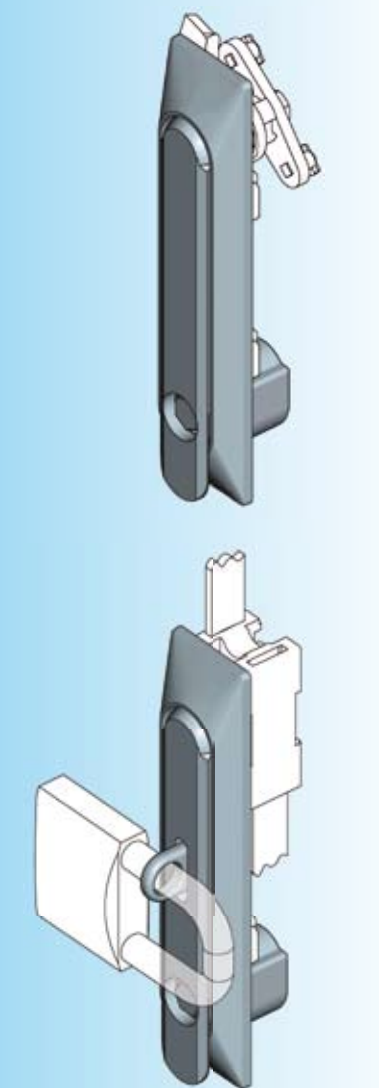
Attention:

Please order fixing material separately.

Ts = 1,0 up to 3,0 mm depending on choice of fixing material



Beschlagteile



Swinghandle and escutcheon AISI 316, shaft AISI 303, with seal

Insert AISI 316

	Push to lock	Push to lock and for padlock
Square 6	on request	on request
Square 7	on request	on request
Square 8	on request	on request
Triangular 6,5 CNOMO	on request	on request
Triangular 7	on request	on request
Triangular 8	on request	on request
Double bit 3	on request	on request
Double bit 5	on request	on request
Daimler Benz	on request	on request
Slot 2x4	on request	on request
Hexagon 8 mm female with pin	on request	on request
Male hexagon 11 mm	1150-U46-30PH	1150-U46-31PH

* can be assembled in cut out of 1125/1225

Further parts see page

– Fixing material	8A-834
– Cam (GH = 18)	3YC-120
– 3-point cam	8A-790
– Rod control	8A-740
– Key	12B-120
– Spare key	12B-140

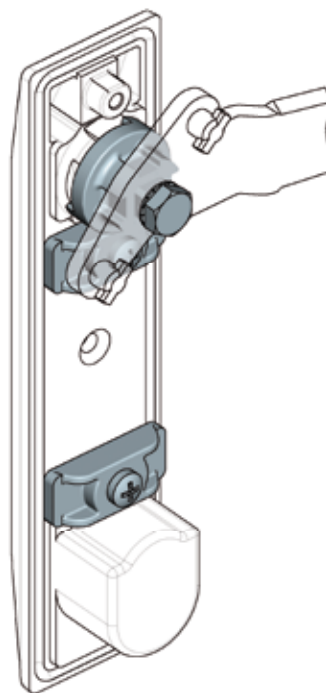
On request:
– Other inserts

® Fixing material for stainless steel swinghandle with universal escutcheon

PROGRAM 1150



Fixing material for stainless steel swinghandle with cam

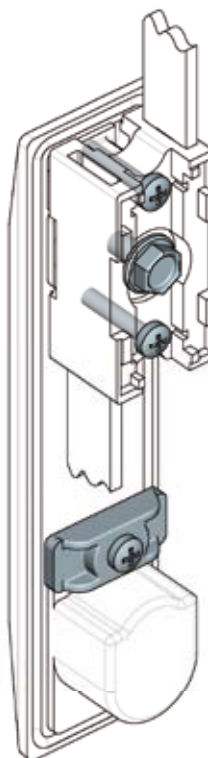


Bridge and adapter AISI 316, stainless steel fixing material

Ts = 1,0 to 3,0

1150-U53-PH

Fixing material for stainless steel swinghandle with rod control



Bridge AISI 316, stainless steel fixing material

Ts = 2,0_{-0,5}

1150-U52-PH

Further parts see page

- Stainless steel swinghandle with universal escutcheon 8A-630
8A-632
- Cam (GH = 18) 3YC-120
- 3-point cam 8A-790
- Rod control 8A-740

On request:

- Other door thicknesses

Electronic Locking System

PROGRAM 3000

Locking System Unit with Reed Contact Switch

This unit is intended for an electronic opening of spring-loaded handle systems. The unit indicates the current status of the handle (open/closed).

This unit can be installed in the following swing handle programs:

Program 1150



Program 1180



Program 2100

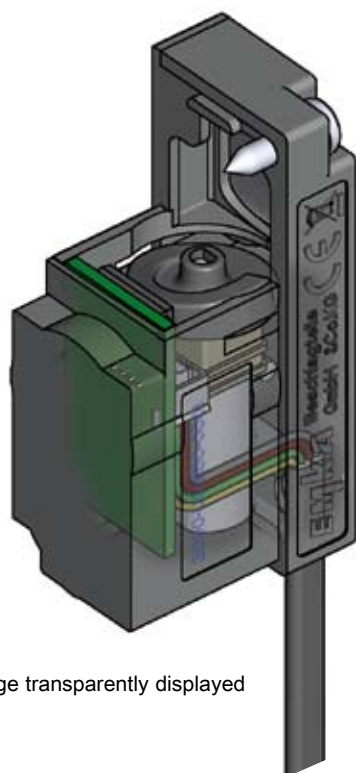


Image transparently displayed

Locking sets with reed contact PC+ABS-FR(40) black;
cam POM black; geared motor; **electronic;** RJ cable 4 m;
fixing material m.s. zinc plated

Without reed contact

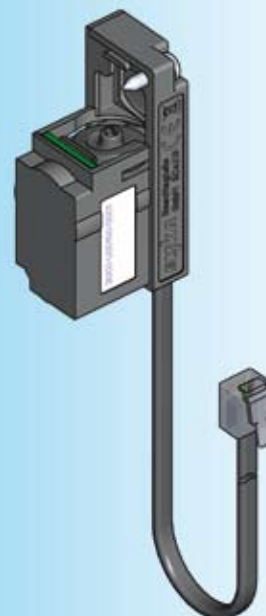
3000-U150

With reed contact

3000-U150-01

See General Catalogue 2011 for page references you can't find in the ECHO (e.g. 1B-105).

© EMKA Beschlagteile GmbH & Co. KG 2013



Further parts see page

Program 1150

– Swinghandle 1151

3C-420

3C-440

Program 1180

– Swinghandle

up to

3E-120

3E-520

Program 2100

– Swinghandle

3H-320

Program 2400

– Swinghandle

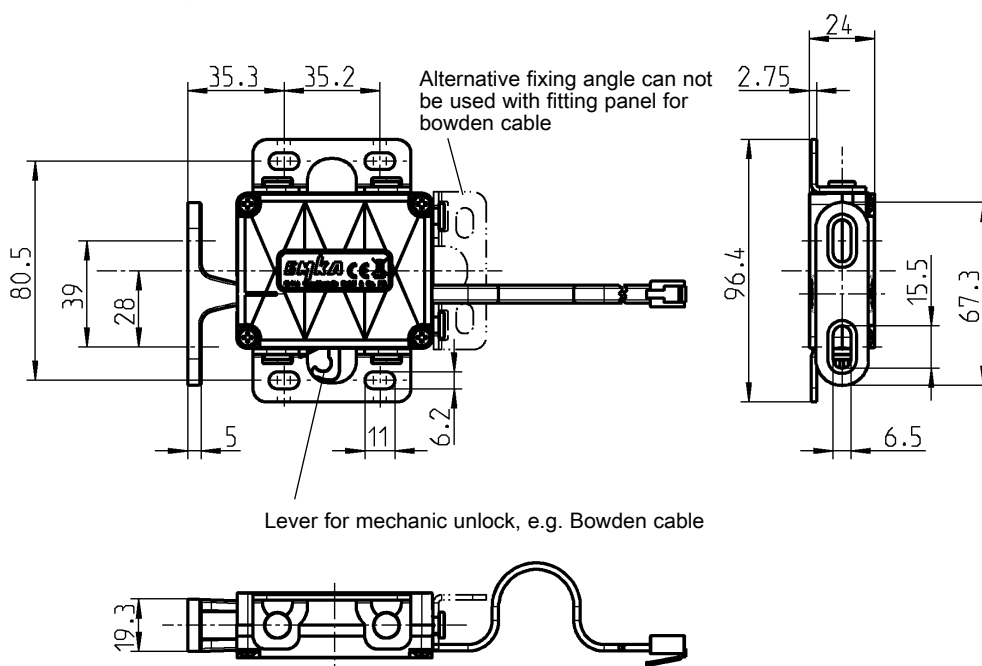
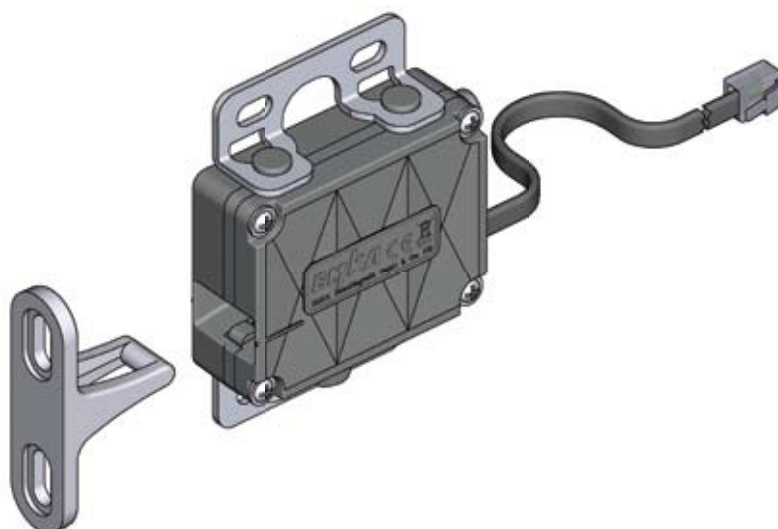
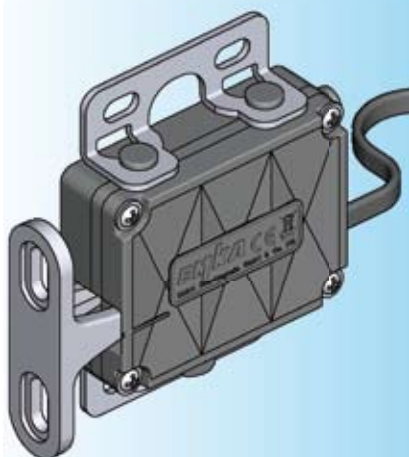
3K-220

Electronic Locking System

PROGRAM 3000

Single point latch with integrated status contact

The single point latch can be used as universal electromechanical lock. It can be released by applying a 12 V DC signal or be connected to ELM control modules 3000-U32-0x and 3000-U33-0x.



Single point latch with integrated status contact,
housing Polyamide 66+PA6i GF 40 V0 black;
rotary latch and ratchet are bonded coated;
catch bracket AISI 316; gear motor; electronic; RJ cable 150 mm;
fastening angle m.s. zinc plated; screw m.s. zinc plated; with springs;
with assembly instruction and user manual

Basic	3000-U300-01
Basic delayed Re-Lock; (with delayed re-lock)	3000-U300-02
Energy-store; (automatic unlock in case of power failure)	3000-U300-03

Adapter cable for RJ-box to

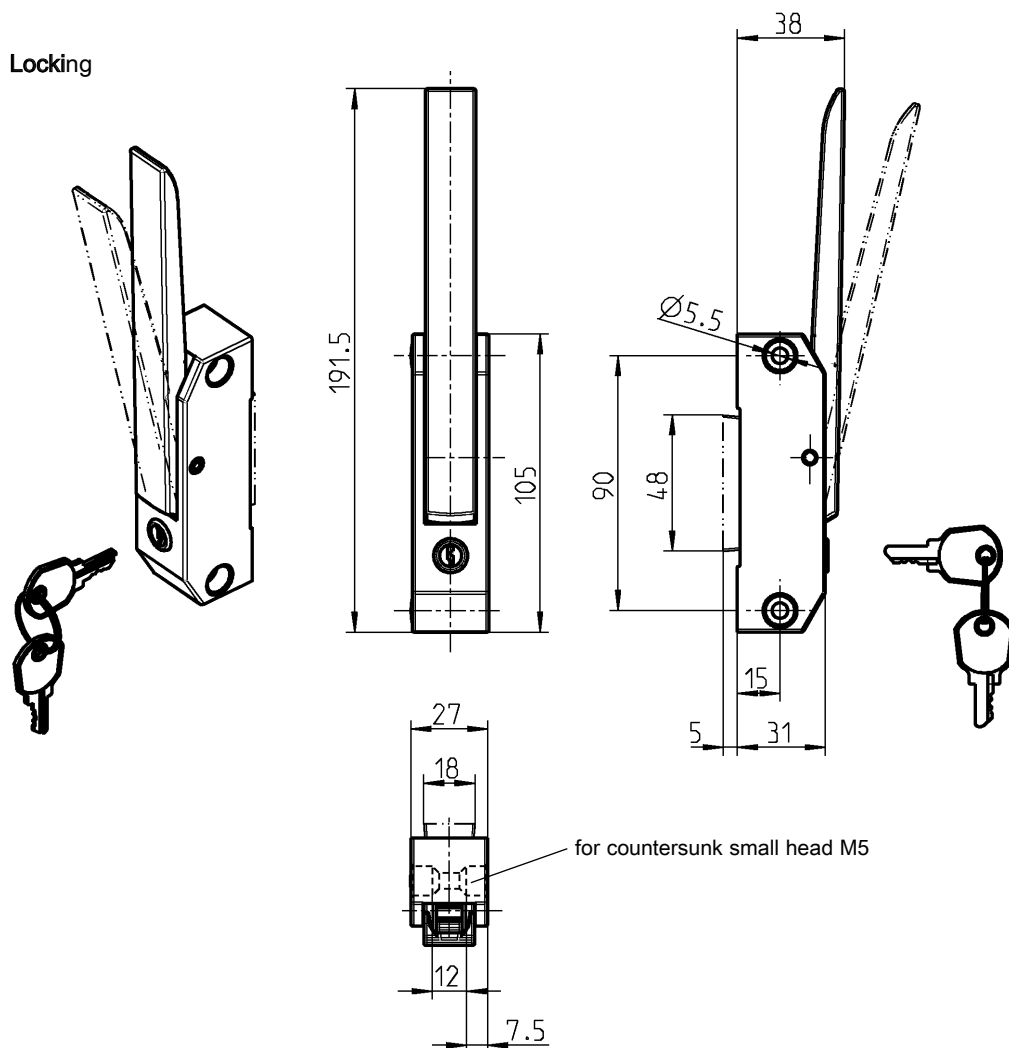
open cable end for modular construction form KIT	3000-U15
Plug for modules of type Box and 19" rack mount unit	3000-U15-01

On request:
– Fitting panel for Bowden cable
– Bowden cable

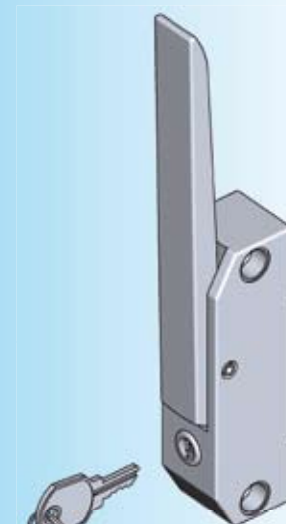
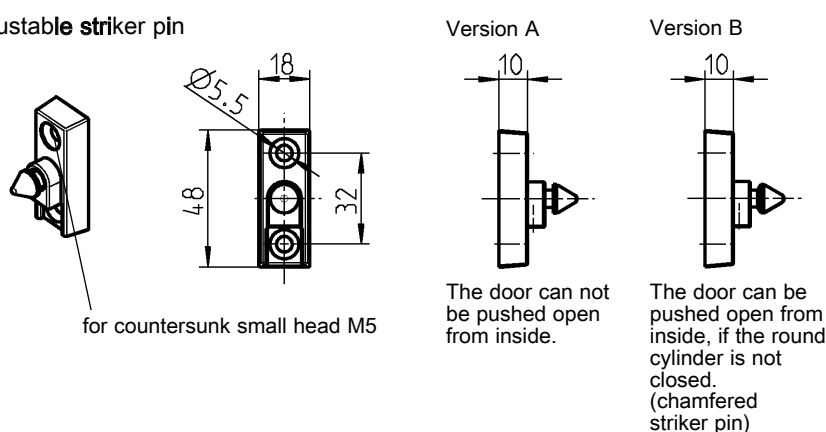
Edgemount mechanical latch for lateral assembly

PROGRAM 2074

Locking



Strike with adjustable striker pin



Application area:
the latch can be attached e.g.
at refrigerators



small head = DIN ISO 2009,
2010, 7046-1, 7046-2, 7047

Latch zinc die gloss chrome plated, clamp and other components zinc plated thick-film passivated and Top Coat sealed, two plugs polyethylene grey, with spring.
Each round cylinder has two silver steel nickel plated keys at a ring.

non locking	2074-U130-IK
keyed different	2074-U132-IK
Keyed alike	on request

Striker pin stainless steel, strike zinc die chromium plated, setscrew m.s. zinc plated

Version A	2074-U111-IA
Version B	2074-U113-IA

See General Catalogue 2011 for page references you can't find in the ECHO (e.g. 1B-105).

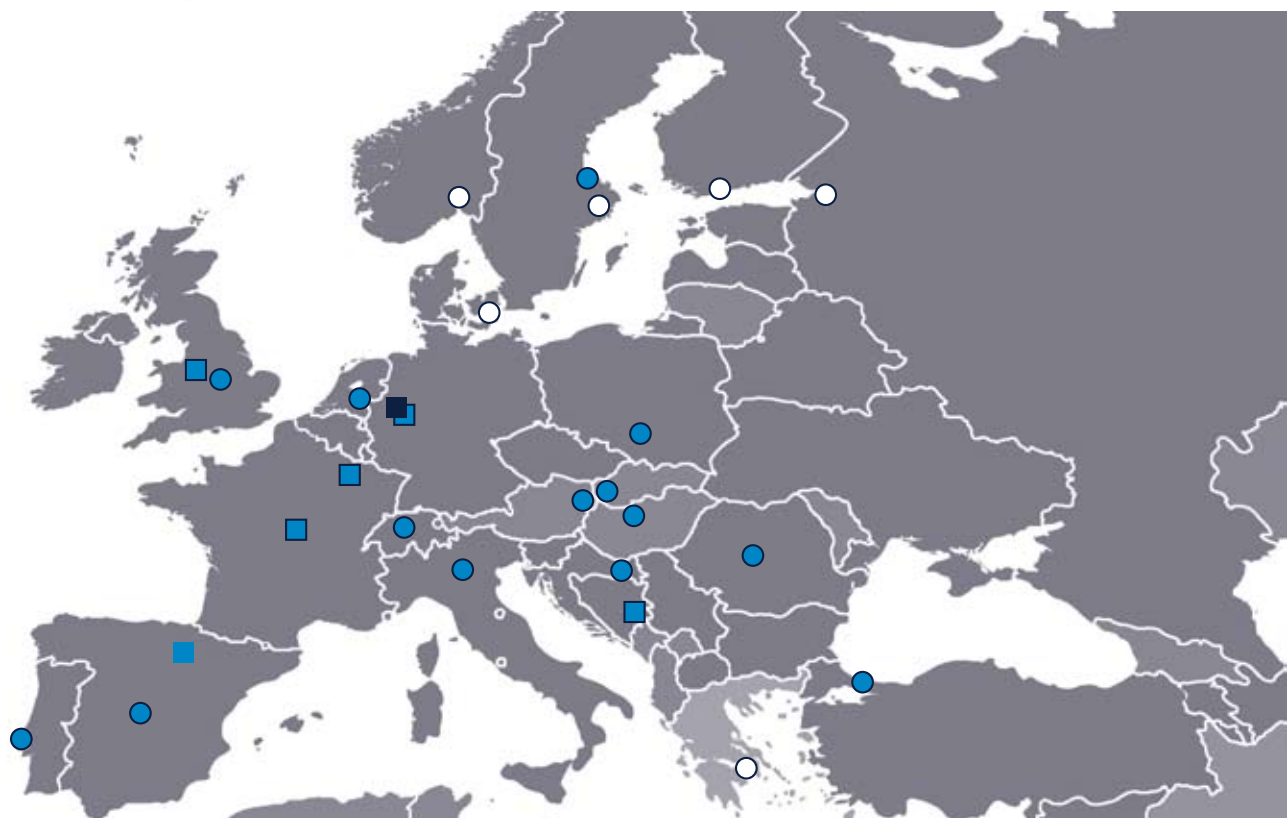
© EMKA Beschlagteile GmbH & Co. KG 2013

12A-840 07/12

49



- Head Office
- Production Site
- Subsidiary
- Sales Office



EMKA worldwide



Wuppertal, Germany



Velbert, Germany



Middletown PA, USA



Birmingham, England



Bourré, France



Henriville, France



Arnedo, Spain



Tianjin, China



Goražde, Bosnia and Herzegovina

The EMKA group is one of the worldwide leading manufacturers of lockings, hinges and seals for enclosure in the areas of industry, electronics and transport.

Currently, the overall range comprises more than 15,000 articles, which are developed, manufactured, refined and assembled at nine production sites in Germany, France, Great Britain, Spain, Bosnia and Herzegovina, and China.

With 1,400 employees, the company is represented in 46 countries worldwide.

Locks



Hinges



Seals

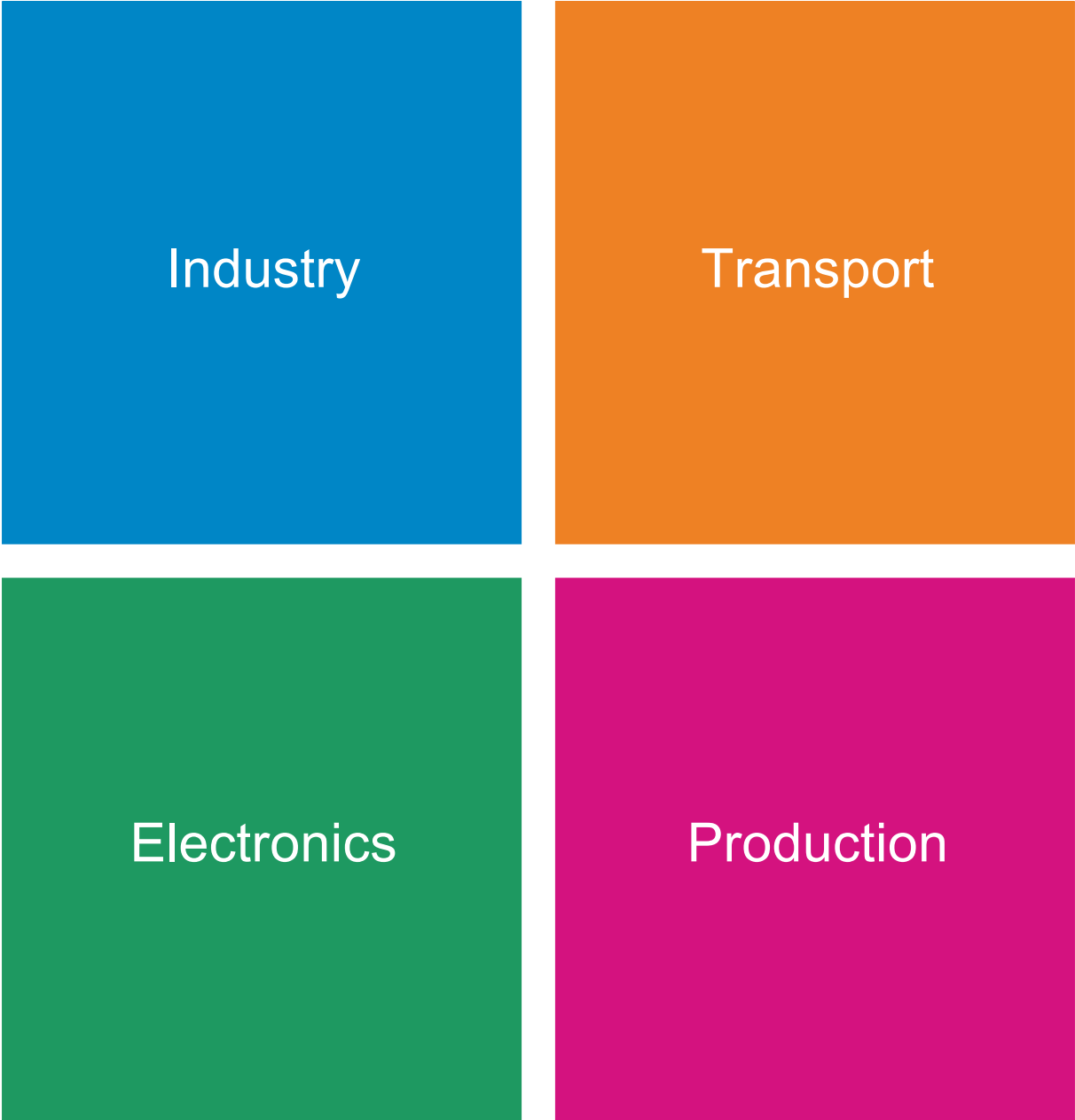


Accessories

Business Units

EMKA offers a comprehensive product range of ingenious locking technology from a single source. The modular program structure allows a unique variety of components.

The high quality and product standards are guaranteed by an excellent manufacturing know-how and by the certified process control according to ISO 9001.



Industry

Transport

Electronics

Production

Business Units

The EMKA group is divided into four business units, which allow a clear focus on individual sectors and taylormade solutions for customers.

With its large vertical range of manufacture, EMKA is in control of the entire production sequence in every unit – from concept to the finished product.



Extrusion of Profiles



Injection Molding

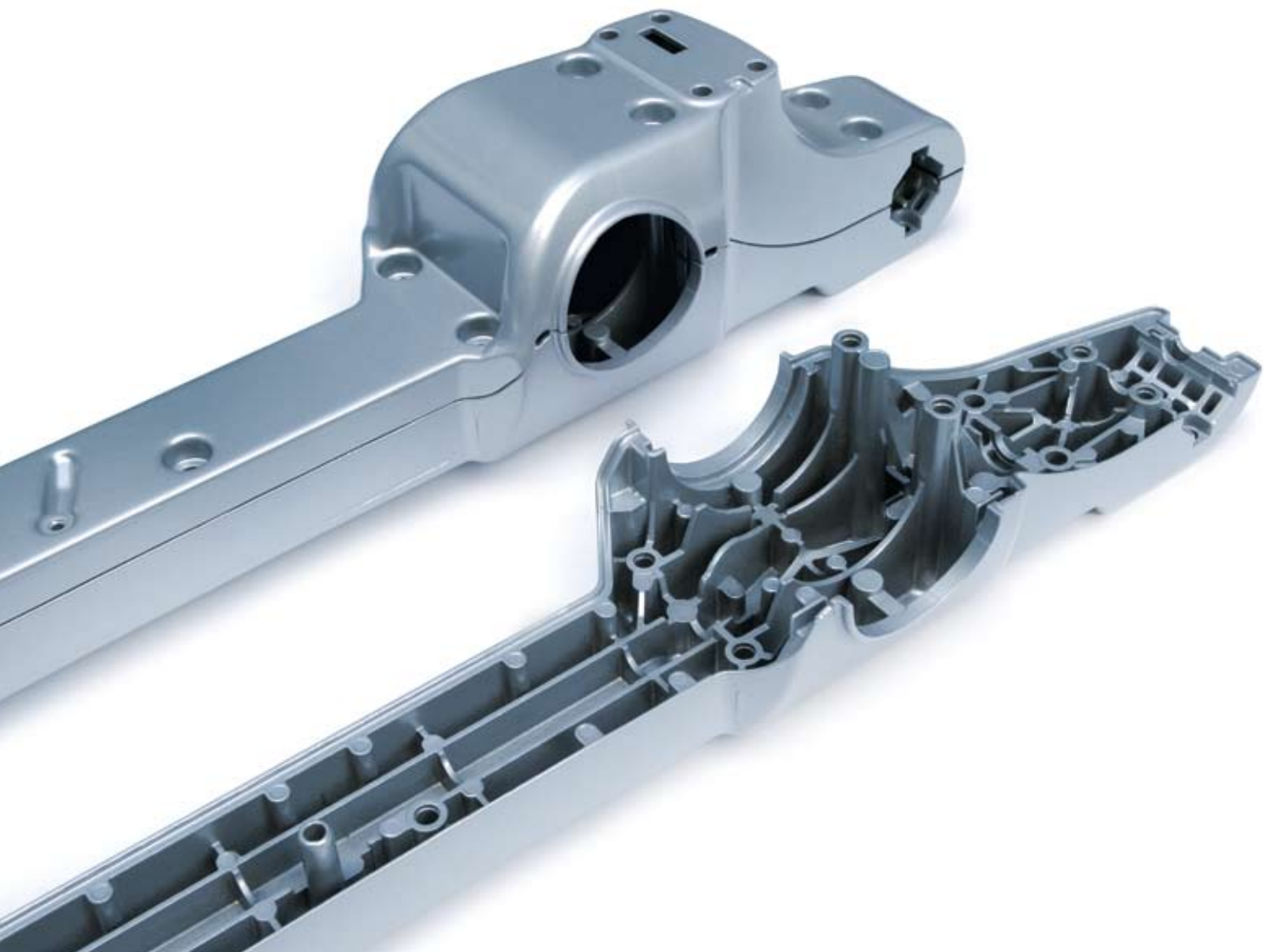


Stamping, Bending
and Forming Technologies



Zinc Die Casting

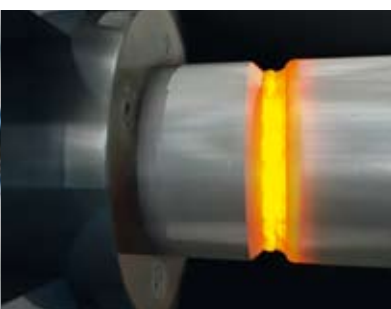
Production from A to Z



Die Cast Aluminium



Aluminium Forging



Friction Welding



SST Precision Casting

EMKA is an expert not only in stainless steel casting, and in injecting aluminium, zinc and high performance plastics, but also in the extruding of rubber and plastic profiles.

Other production technologies are stamping, bending, turning, milling, coating, and the final assembly of modular structured product solutions.

Thus, EMKA sets quality standards in locking technology.

Subsidiaries



AUSTRIA
EMKA Beschlagteile Ges.m.b.H.
Tel. +43/2143/43063
info@EMKA-beschlagteile.at



BELGIUM
EMKA Benelux B.V. Service Office
Tel. +31/413/323510
sales@EMKA.org



BOSNIA-HERZEGOVINA
EMKA Bosnia d.o.o. Gorazde
Tel. +38/738/241310
info@EMKA.ba



CHINA
EMKA Industrial Hardware CO.Ltd.
Tel. +86/22/82123759
info@EMKA.cn



CROATIA
EMKA Okovi d.o.o.
Tel. +385/35/270073
info@EMKA-okovi.hr



CZECH REPUBLIC
EMKA Kovanie/Beschlagteile
Tel. +421/2/45259910
miro.EMKA@ba.telecom.sk



FRANCE
EMKA France
Tel. +33/254/320862
EMKA@EMKA-france.com



HUNGARY
EMKA Beschlagteile
Tel. +36/1/2360032
info@EMKA.hu



INDIA
EMKA India
Tel. +9 1/80/26660212
info@EMKA.in



ITALY
EMKA Italia
Tel. +39/045/6471070
info@EMKA.it



MEXICO
EMKA Mexico Beschlagteile
Tel. +52/55/54459664
EMKA@EMKA.mx



MONTENEGRO
EMKA Bosnia d.o.o. Gorazde
Tel. +38/738/241310
info@EMKA.ba



NETHERLANDS
EMKA Benelux B.V.
Tel. +31/413/323510
info@EMKA.org



POLAND
EMKA -Polska Sp.Z o.o.
Tel. +48/323606026
info@EMKA.net



PORTUGAL
EMKA Ferragens Portuguesa Lda.
Tel. +351/214663355
mail@EMKA.pt



ROMANIA
S.C. EMKA Beschlagteile S.R.L.
Tel. +40/269/222700
info@EMKA.ro



SERBIA
EMKA Okovi d.o.o.
Tel. +385/35/270073
info@EMKA-okovi.hr



SLOVAKIA
EMKA Kovanie
Tel. +421/2/45259910
miro.EMKA@ba.telecom.sk



SPAIN
EMKA España S.A.
Tel. +34/91/6432087
mail@EMKA.es



SWEDEN
Emil Krachten Scandinavia AB
Tel. +46/33/8260220
info@EMKA.se



SWITZERLAND
EMKA Beschlagteile AG
Tel. +41/33/8260220
info@EMKA.ch



TURKEY
EMKA Kilit Sistemleri
Tel. +90/216/5617801
info@emkakilit.com.tr



UNITED KINGDOM
EMKA (UK) Ltd.
Tel. +44/2476/616505
enquiry@EMKA.co.uk



UAE
EMKA Middle East
Tel. +971/42844528
info@EMKA.ae



USA
EMKA Inc.
Tel. +1/717/9861111
EMKA@emkausa.com



AUSTRALIA
Lock Focus Pty. Ltd.
Tel. +61/3/97981322
lockf@lockfocus.com.au



CANADA
Normont Industrial Hardware Canada Ltd.
Tel. +1/450/6287070
bstruthers@normont.com



CHILE
NDU Ingenieria Ltda.
Tel. +56/600/4011004
info@ndu.cl



COLOMBIA
Comercializadora Becor L.S.A.
Tel. +57/1/2350234
gerencia@cbecor.com



DENMARK
A/S Megatrade Beslag
Tel. +45/44916700
mega@megatrade.dk



ESTONIA
Colly Components AS
Tel. +46/8/7030100
customerccp@colly.se



FINLAND
Colly Components OY
Tel. +358/2/90065390
sales@colly.fi



GREECE
EMKA Hellas
Tel. +30/21041/83000
info@EMKA-hellas.com



ISRAEL
Teder Electro Mechanical Engineering Ltd.
Tel. +972/73/2331200
sales@teder.com



JAPAN
TOCHIGIYA Co., Ltd
Tel. +81/48/2283072
support@tochigiya.co.jp



LATVIA
Colly Components AS
Tel. +46/8/7030100
customerccp@colly.se

LITHUANIA
Colly Components AS
Tel. +46/8/7030100
customerccp@colly.se

NORWAY
Colly Components AS
Tel. +47/67/170025
post@colly.no



RUSSIA
OOO"MK-Electro
Tel. +7/812/4492928
info@mk-electro.ru



SINGAPORE
VF Fastening Systems PTE Ltd.
Tel. +65/675/2333
vincent@vffastening.com.sg



SOUTH AFRICA
Enclosure Solutions
Tel. +27/11/9737260
info@enclosuresolutions.co.za



SOUTH COREA
Geo Jeon Co. Ltd.
Tel. +82/314/335508
koreaemka@naver.com



SWEDEN
Colly Components AB
Tel. +46/8/7030100
customerccp@colly.se



THAILAND
Best Port Company Ltd.
Tel. +66/2/9935739
bestport@samartas.com



VIETNAM
Terramar Engineering and Machinery (Pte.) Ltd.
Tel. +84/8/39153209
cam@terramar.com

For any other country please
contact the EMKA headquarters.

Headquarters

EMKA Beschlagteile GmbH & Co. KG
Langenberger Str. 32 • 42551 Velbert, Germany
Tel.: +49/2051/273-0 • Fax: +49/2051/273-128
E-Mail: info@emka.com • www.emka.com

