



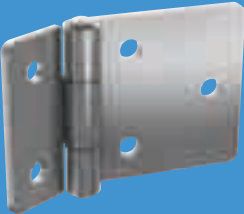
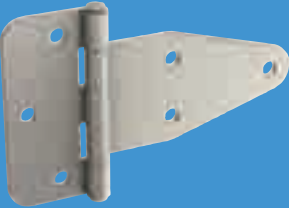
mesanlocks.com



Superior quality. **continual innovation**

CATALOGUE **2010**

NEW PRODUCTS

Locks			
		Accessories and Handles	
Hinges			
			
Stainles Steel Products			

NEW PRODUCTS

HVAC LOCKS

These locks are especially designed for air conditioning systems. One of the most important advantages of this series is removable handle. The handle can be demounted easily from the door to prevent damaging of the handle and also to have more space while transportation.

Another advantage of the lock system is an optional safety handle to achieve opening from inside of the cabinet only at unlocking position.

Air leaks are eliminated through the lock with extra sealing.

The lock systems have a roller type cam for easy and quick rotation of the handle .Both key and without key types are available.

Lock can be used for different door thickness such a range of 20-100 mm's

This new series are supported with different types of new developed hinges which you can find in the next catalogue pages.

General specification of the lock system:

- Polyamide body, handle and cam
- Adjustable screw made of brass.
- Key alike or key differ alternatives
- Without key is possible
- Opening from inside of the cabinet is possible only at unlocking position
- IP 54



COMPRESSION LOCKS

Our new type, compression locks are used for the cabinets that require better sealing under vibration conditions.

Compression force eliminates, opening of the door under the heavy vibration situation. Lock also provides noise isolation.

There are two types of body structure .Short one and long and the adjustable one. With these types It is possible to reach different locking heights (grips). Different driver alternatives are also available.

Adjustable screw type lock has special cams for better compression levels. The locks can be mounted max 18 mm door thicknesses.

- Lock has 6 mm compression ratio.
- Body is Zamak or stainless steel
- IP 65
- Adjustable grip range
- Different driver alternatives

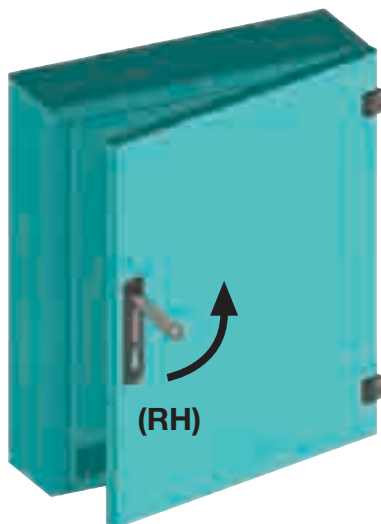
Our new lock series are use for:

Electric cabinets,
Machine tools
Marine industry
Railway industry



INFORMATION

DOOR LOCKING DIRECTIONS



Right hand



Left hand

SYMBOLS

RoHS	RoHS Compliant		Inside gasketing application		Outside gasketing application
IP 65	IP 65 sealing level	IP 55	IP 55 sealing level		Foam gasketing
LH/RH	Suitable for left or right hand	R H	Right hand only	L H	Left hand only
	Earthing		Padlock version	New	New product

	Concealed hinge		Side hinge		Corner hinge
	Flat hinge		Lift - off hinge	2 D	2 dimension

EXPLANATIONS

- * All dimensions mentioned in catalogue is in milimetres (mm)
- * We produce in compliance with RoHS
- * Finishes appropriate TS EN 12540
- * Mesan Locks keeps its right to make any change without pre information.
- * Our Polyamide products and EPDM gasket products can be produced as flame resistant comply with the UL94 standard.
- * Without Mesan permission any picture, design, and any view of this catalogue, can not be used by third party.

PRODUCT CODE DESCRIPTIONS

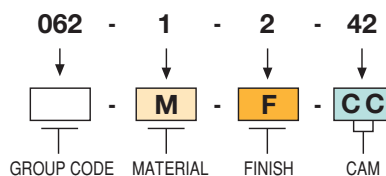
DESCRIPTIONS

 	GROUP CODE
M	MATERIAL
F	FINISH
DD	CYLINDER - DRIVER
CC	CAM
V	VERSION
DT	DOOR THICKNESS
L	LENGHT
H	HEIGHT
LH	HOUSING LENGHT
P	PIN
001	RIGHT HAND
002	LEFT HAND
1	OPTIONAL / IP 65
1	OPTIONAL / PADLOCK HASP
2	OPTIONAL / DUST CAP
12	OPTIONAL / PADLOCK HASP + DUST CAP

MATERIALS AND FINISH OPTIONS

M	MATERIAL
1	Zamak
2	Plastic
3	Brass
4	Stainless steel
5	Aluminium
6	Steel
F	FINISH
0	No finish
1	Chrome
2	Black coated
3	Zinc plated
7	Mat anodized

EXAMPLE PRODUCT CODE

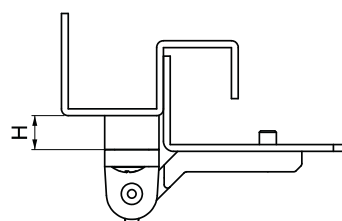
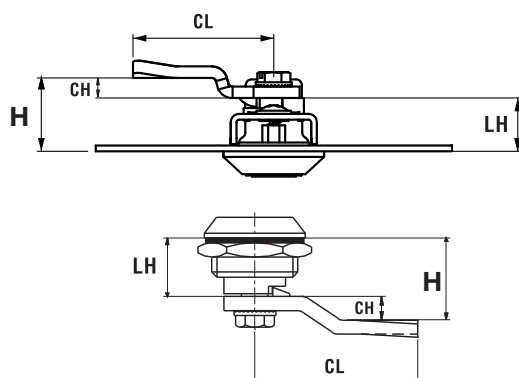


062-1-2-42

062	Quarter turn - wing knob
1	Zamak material
2	Black coated
42	Cam: 7x49 mm

TECHNICAL DRAWING DESCRIPTIONS

H	: Grip
LH	: Housing lenght
CL	: Cam lenght
CH	: Cam height
L	: Lenght
H	: Height



1

Locks

2

Hinges

3

Gasketing

4

Accessories and handles

5

Stainless steel products

12 - 167



168 - 239



240 - 259



260 - 275



276 - 307



INDEX



1/1	12 - 31 Swing Hanles	
1/2	32 - 57 Rod Latch System	
1/3	58 - 71 Heavy Duty Locks	
1/4	72 - 83 Miscellaneous Locks	
1/5	84 - 99 Cams - Keys - Rods - Rods Guides	
1/6	100 - 137 Quarter Turn Locks	
1/7	138 - 155 Cam Locks	
1/8	156 - 167 Furnniture and Steel Cupboard Locks	

2/1

168 - 177

Side Hinges



2/2

178 - 199

Concealed Hinges



2/3

200 - 217

Corner Hinges



2/4

218 - 239

Flat Hinges



3/1

240 - 259

Gasketing



4/1

260 - 275

Accessories and Handles



5/1

276 - 307

Stainless Steel Products



Page

16 - 17

18

19

20

21

22 - 25

26 - 27

28 - 29

30

31



NOTE:

www.mesanlocks.com



1-1 Swing handles

This image shows a full page of blank graph paper. The grid consists of thin, light gray horizontal and vertical lines that intersect to form small squares across the entire surface. There are no margins, text, or other markings on the paper.

INFORMATION

CUT OUT DIMENSIONS

Geçiş Ölçüsü Cut Out				
Application locks	Application locks	Application locks	Application locks	Application locks
001	001	101, 501, 108, 006, 208, 218,	008	308, 318

PROPERTIES



	001	101	501	006	008	108	208	218	308	318
Euro profile	✓	✓	✓							
With cylinder				✓	✓	✓	✓		✓	
No cylinder								✓		✓
All in metal			✓			✓	✓	✓		
Handle and body plastic	✓	✓		✓			✓	✓	✓	✓
Body plastic, handle metal					✓	✓			✓	✓
Pad lock version	✓	✓	✓							
With dust cup	✓	✓	✓	✓						
IP 65	✓	✓	✓	✓	✓	✓	✓		✓	
Spring handle			✓	✓	✓	✓				

SWING HANDLE

001

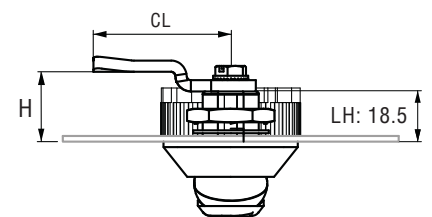
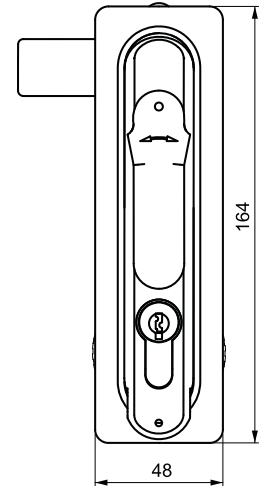
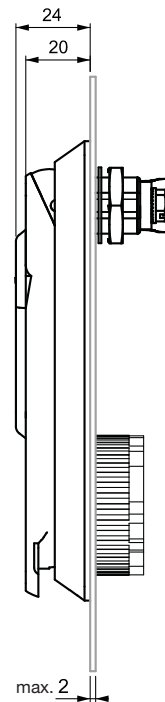
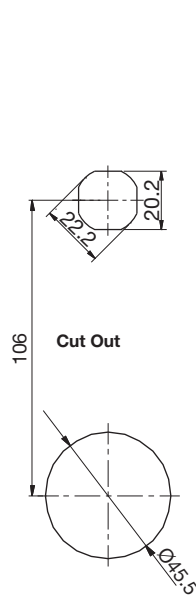


IP 65



LH/RH

RoHS



- Swinghandle for steel and polyester cabinets.
- 40 mm Euro Profile single cylinder fitted.
- For 42 mm Euro Profile single cylinder, please contact Mesan.
- Optional padlockable version available.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

BODY : Polyamide DIN-EN ISO
1043-1 PA6 GFR 30

HANDLE : Polyamide DIN-EN ISO
1043-1 PA6 GFR 30

CYLINDER : Zamak DIN-EN 1774-ZnAl4Cu1

CAM : Steel

SEAL : Rubber

PRODUCT CODE

001 - DD - CC - 1
 GROUP CODE CYLINDER CAM For Only Pad Lock



1
Pad lock application

CYLINDER TYPE

CYLINDER TYPE		DD
	Keyed alike	01
	Keyed differ	02
	Master System	04
	Euro key (5333)	05

DRIVER TYPE

5 mm Double bit	8 mm Square	9 mm Triangular	Eastern
			
15	28	39	91

HIGH SECURITY CYLINDER

Brass cylinder	Zamak cylinder
	
Keyed alike	Keyed differ
20	21
Keyed alike	Keyed differ
22	23

For cams please check page: 88

For rods please check page: 90 - 96

For keys please check page: 98 - 99

001

SWING HANDLE

IP 65



LH/RH

RoHS

Small Version



- Swinghandle for steel and polyester cabinets.
- 40 mm Euro Profile single cylinder fitted.
- Optional padlockable version available.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

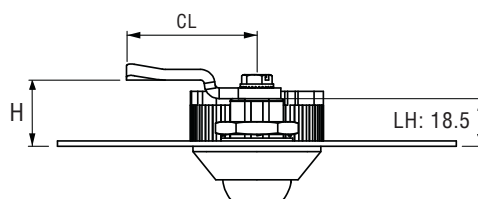
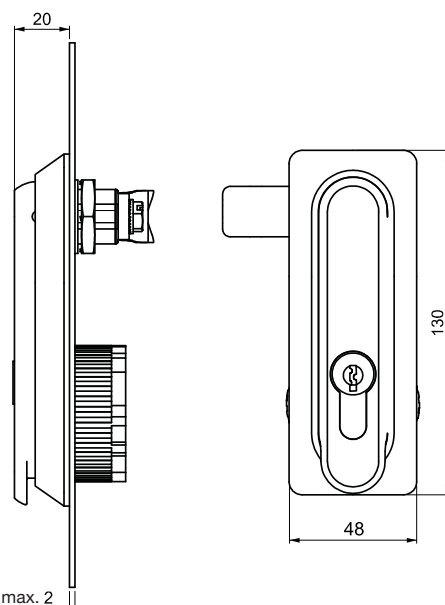
BODY : Polyamide DIN-EN ISO
1043-1 PA6 GFR 30

HANDLE : Polyamide DIN-EN ISO
1043-1 PA6 GFR 30

CYLINDER : Zamak DIN-EN 1774-ZnAl4Cu1

CAM : Steel

SEAL : Rubber



PRODUCT CODE

001 - 2 - DD - CC
GROUP CODE VERSION CYLINDER CAM

CYLINDER TYPE

DD

CYLINDER TYPE		DD
	Keyed alike	01
	Keyed differ	02
	Master System	04
	Euro key (5333)	05

DRIVER TYPE

5 mm Double bit	8 mm Square	9 mm Triangular	Eastern
15	28	39	91

HIGH SECURITY CYLINDER

Brass cylinder	Zamak cylinder
Keyed alike	Keyed differ
20	21
Keyed alike	Keyed differ
22	23

For cams please check page: 88

For rods please check page: 90 - 96

For keys please check page: 98 - 99

SWING HANDLE

501

All in metal



IP 65



LH/RH



RoHS



- Die-cast construction provides higher strength than polyamide.
- Thin external profile, 14.4mm, to give flush appearance.
- For different colours, please contact Mesan.
- High security, brass, Euro Profile single cylinder available.
- Dust cap available.
- Optional padlockable version available.

APPLICATIONS

Electric panels, machinery covers,
rack cabinets, outdoor cabinets

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1

HANDLE: Zamak DIN-EN 1774-ZnAl4Cu1

CAM : Steel

SEAL : Polyurethane

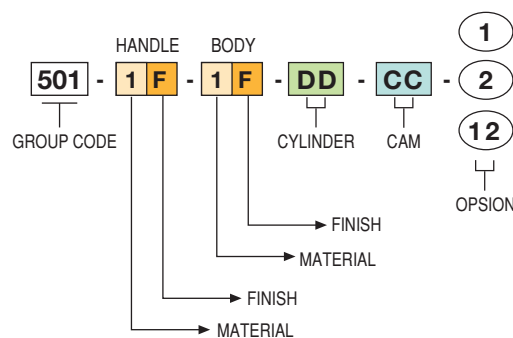
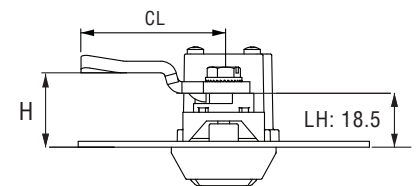
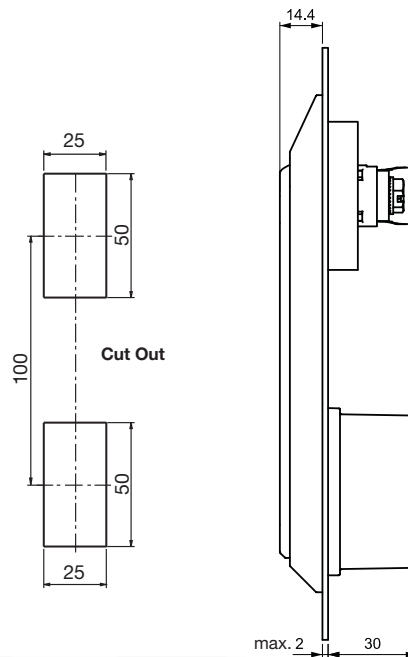
PAD LOCK HASP : Stainless steel

Not: Special espagnolette cam
will be used for this application.
Please check page 97

For cams please check page: 86- 87

For rods please check page: 90 - 96

For keys please check page: 98 - 99

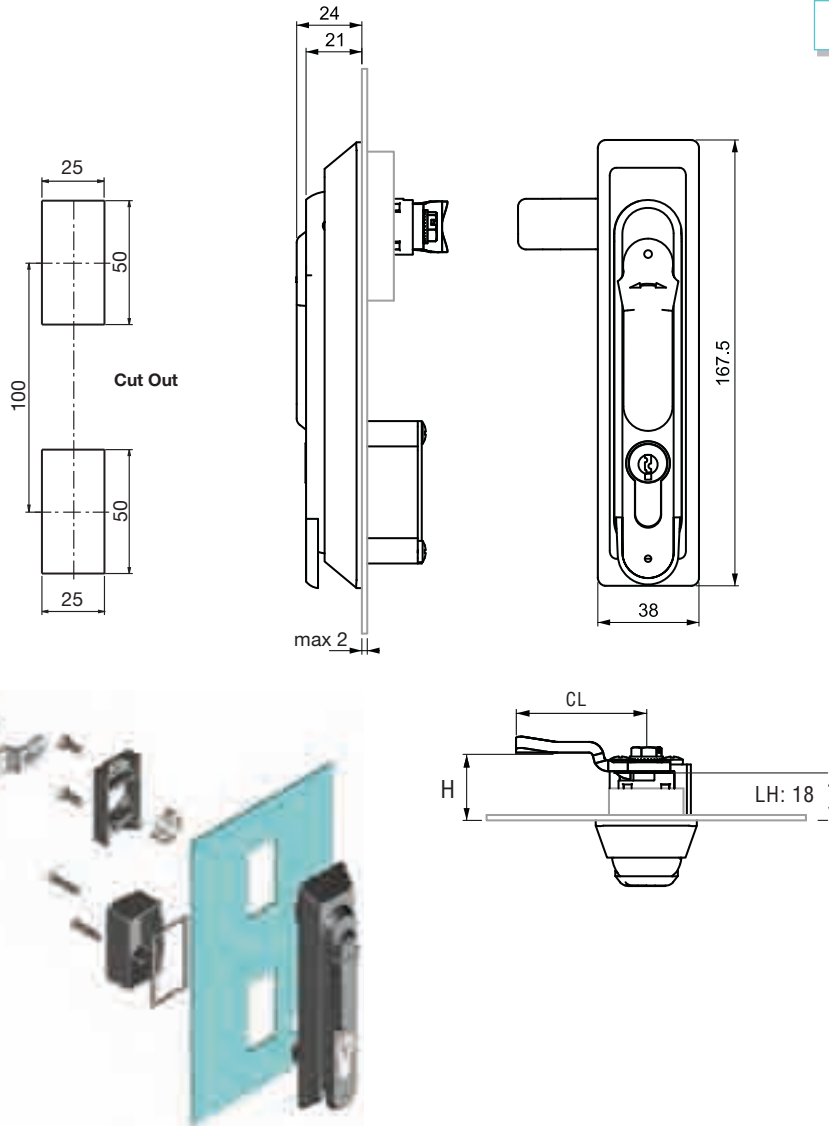
1
Dust cap application2
Pad lock application12
Dust cap + Pad lock application

MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black Coated	2

ZAMAK CYLINDER	DD
Stainless steel dust cap (Keyed alike)	03
Stainless steel dust cap (Keyed differ)	32

BRASS CYLINDER	DD
No Cylinder	00
Keyed alike	11

HIGH SECURITY CYLINDER			
Brass cylinder		Zamak cylinder	
Keyed alike	Keyed differ	Keyed alike	Keyed differ
20	21	22	23



101

SWING HANDLE

IP 65



LH/RH



RoHS



- Swinghandle for steel and polyester cabinets.
- 40 mm Euro Profile single cylinder fitted.
- For 42 mm Euro Profile single cylinder, please contact Mesan.
- Optional padlockable version available.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

BODY : Polyamide DIN-EN ISO 1043-1 PA6 GFR 30

HANDLE : Polyamide DIN-EN ISO 1043-1 PA6 GFR 30

CAM : Steel

SEAL : Polyurethane

PRODUCT CODE

101 - DD - CC - 1
GROUP CODE CYLINDER CAM For Only Pad Lock

CYLINDER TYPE		DD
	Keyed alike	01
	Keyed differ	02
	Master System	04
	Euro key (5333)	05

DRIVER TYPE				HIGH SECURITY CYLINDER			
5 mm Double bit	8 mm Square	9 mm Triangular	Eastern	Brass cylinder	Zamak cylinder		
15	28	39	91	Keyed alike	Keyed differ	Keyed alike	Keyed differ
				20	21	22	23



1
Pad lock application

For cams please check page: 86- 87

For rods please check page: 90 - 96

For keys please check page: 98 - 99

SWING HANDLE

006

IP 65



LH/RH



RoHS



- Lower strength swing handle that accepts cylindrical drivers only.
- Spring loaded handle , slam action .
- Can be used indoor and outdoor

APPLICATIONS

Electric panels, machinery covers

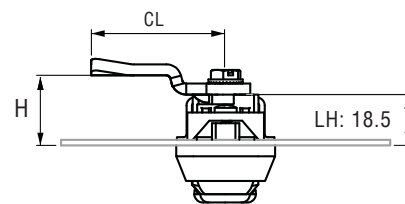
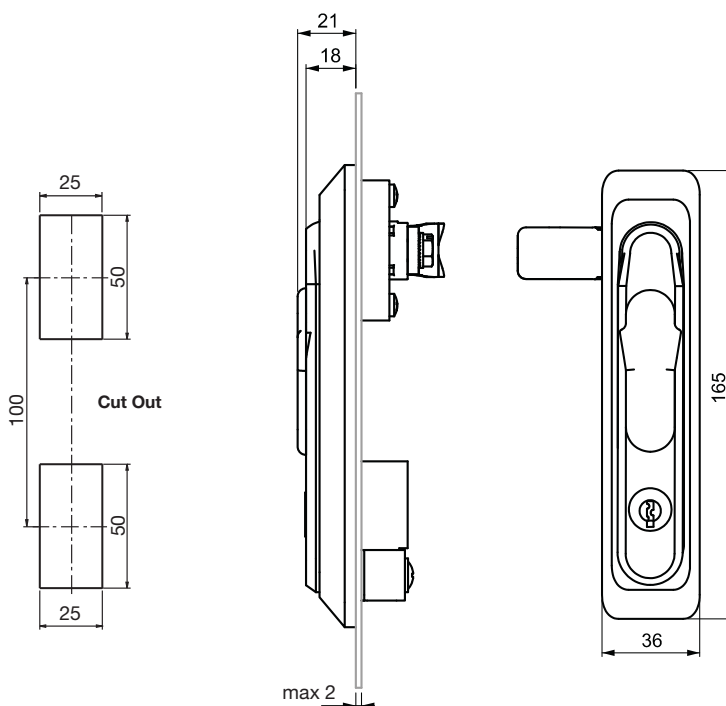
MATERIAL

BODY : Polyamide DIN-EN ISO
1043-1 PA6 GFR 30

HANDLE : Polyamide DIN-EN ISO
1043-1 PA6 GFR 30

CAM : Steel or PA6 GFR 30

SEAL : Polyurethane



PRODUCT CODE

006 - DD - CC

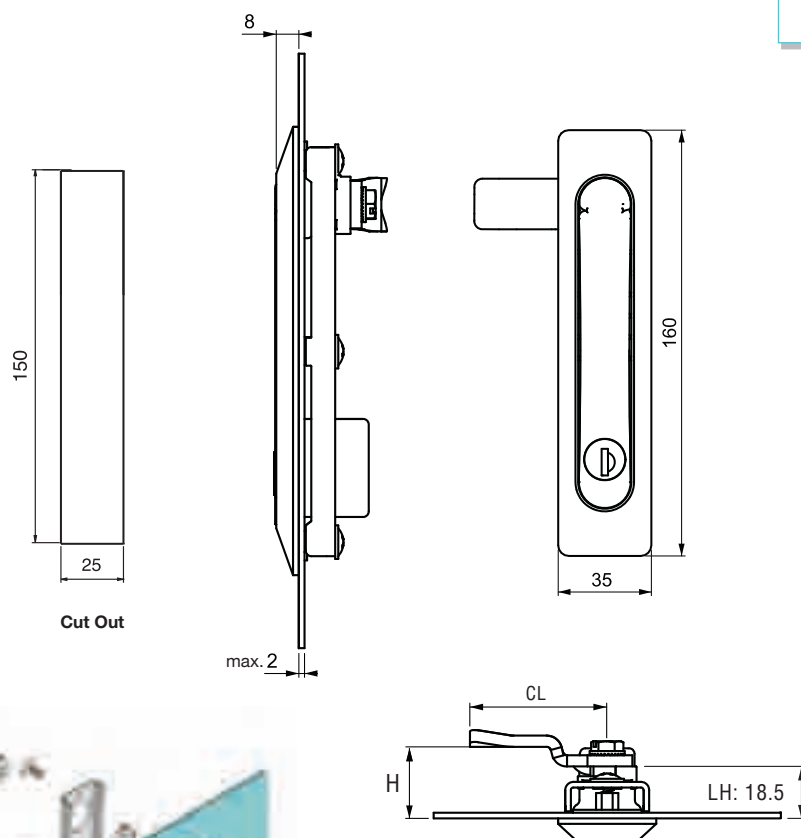
GROUP CODE DRIVER - CYLINDER CAM

DRIVERS

5 mm Double bit	8 mm Square	9 mm Triangular
		
15	28	39

- For cams please check page: 86- 87
- For rods please check page: 90 - 96
- For keys please check page: 98 - 99

Cylinder	SPECIFICATIONS	DD
	Keyed alike	01
	Keyed differ	02
	Stainless steel dust cap (Keyed alike)	03
	Stainless steel dust cap (Keyed differ)	32
	Master System	04
	Euro key (5333)	05



008

SWING HANDLE

IP 65



LH/RH



RoHS



- Cut out is 25 mm x 150 mm.
- Steel fixing bracket for improved stability.
- Ultra thin external profile, just 8 mm, to give flush appearance.
- Spring loaded handle , slam action .

APPLICATIONS

Electric panels, machinery covers,
rack cabinets

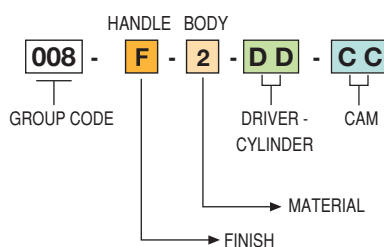
MATERIAL

BODY : Polyamide DIN-EN ISO
1043-1 PA6 GFR 30

HANDLE : Zamak DIN-EN 1774-ZnAl4Cu1

CAM : Steel or PA6 GFR 30

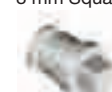
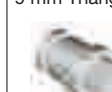
SEAL : Polyurethane



MATERIAL	M
Plastic (polyamide)	2

FINISH	F
Chrome	1
Black Coated	2

HIGH SECURITY CYLINDER	
	
Keyed alike	Keyed differ
20	21

DRIVERS		
5 mm Double bit	8 mm Square	9 mm Triangular
		
15	28	39

Cylinder	SPECIFICATIONS	DD
	Stainless steel dust cap (Keyed alike)	03
	Stainless steel dust cap (Keyed differ)	32
	Master System	04
	Euro key (5333)	05

For cams please check page: 86- 87

For rods please check page: 90 - 96

For keys please check page: 98 - 99

SWING HANDLE

108

All in metal



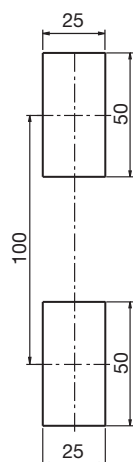
IP 65



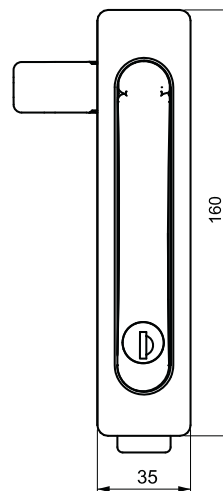
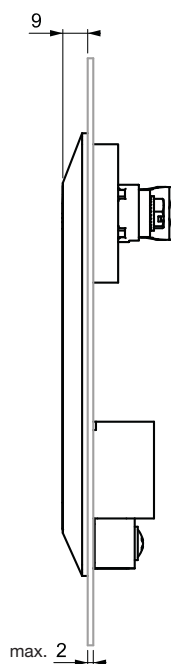
LH/RH



RoHS



Cut Out



- All metal construction.
- Offers greater strength than polyamide and looks better.
- For special colours, please contact Mesan.
- Spring loaded, slam action swing handle.

APPLICATIONS

Electric panels, machinery covers,
rack cabinets

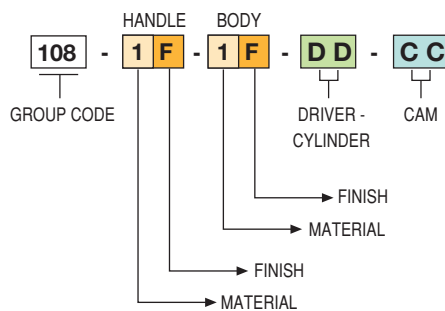
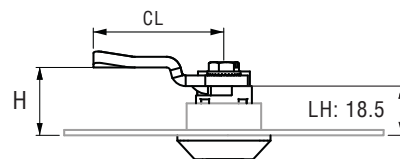
MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1

HANDLE : Zamak DIN-EN 1774-ZnAl4Cu1

CAM : Steel

SEAL : Polyurethane



MATERIAL	M
Zamak	1

FINISH	F
Chrome	1
Black Coated	2

HIGH SECURITY CYLINDER	
Keyed alike	Keyed differ
20	21

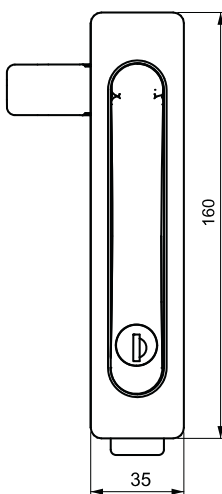
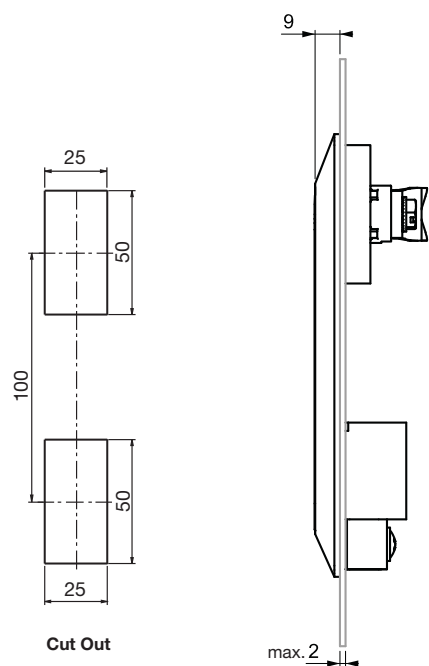
DRIVERS		
5 mm Double bit	8 mm Square	9 mm Triangular
15	28	39

Cylinder	SPECIFICATIONS	DD
	Stainless steel dust cap (Keyed alike)	03
	Stainless steel dust cap (Keyed differ)	32
	Master System	04
	Euro key (5333)	05

For cams please check page: 86 - 87

For rods please check page: 90 - 96

For keys please check page: 98 - 99



108

SWING HANDLE

IP 65



LH/RH



RoHS



- Standard cut out .
- Ultra thin external profile, just 9 mm, to give flush appearance.
- Spring loaded handle , slam action .

APPLICATIONS

Electric panels, machinery covers, rack cabinets

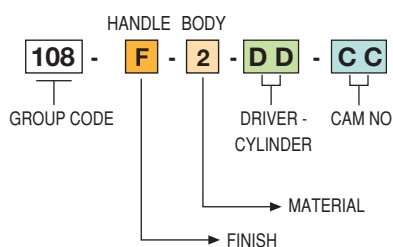
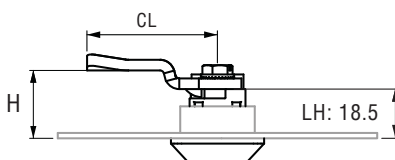
MATERIAL

BODY : Polyamide DIN-EN ISO 1043-1 PA6 GFR 30

HANDLE : Zamak DIN-EN 1774-ZnAl4Cu1

CAM : Steel or PA6 GFR 30

SEAL : Polyurethane



MATERIAL	M
Plastic (polyamide)	2

FINISH	F
Chrome	1
Black Coated	2

HIGH SECURITY CYLINDER	
Keyed alike	Keyed differ
20	21

DRIVERS		
5 mm Double bit	8 mm Square	9 mm Triangular
15	28	39

Cylinder	SPECIFICATIONS	DD
	Stainless steel dust cap (Keyed alike)	03
	Stainless steel dust cap (Keyed differ)	32
	Master System	04
	Euro key (5333)	05

For cams please check page: 86- 87

For rods please check page: 90 - 96

For keys please check page: 98 - 99

SWING HANDLE

108

All in metal



New

IP 65



LH/RH



RoHS

- All metal construction
- Improved corrosion resistance
- High security cylinder alternative
- Better IP resistance with moving dust cap

APPLICATIONS

Electric panels, machinery covers,
rack cabinets, outdoor cabinets

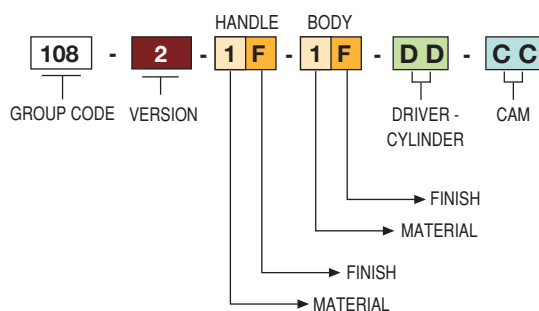
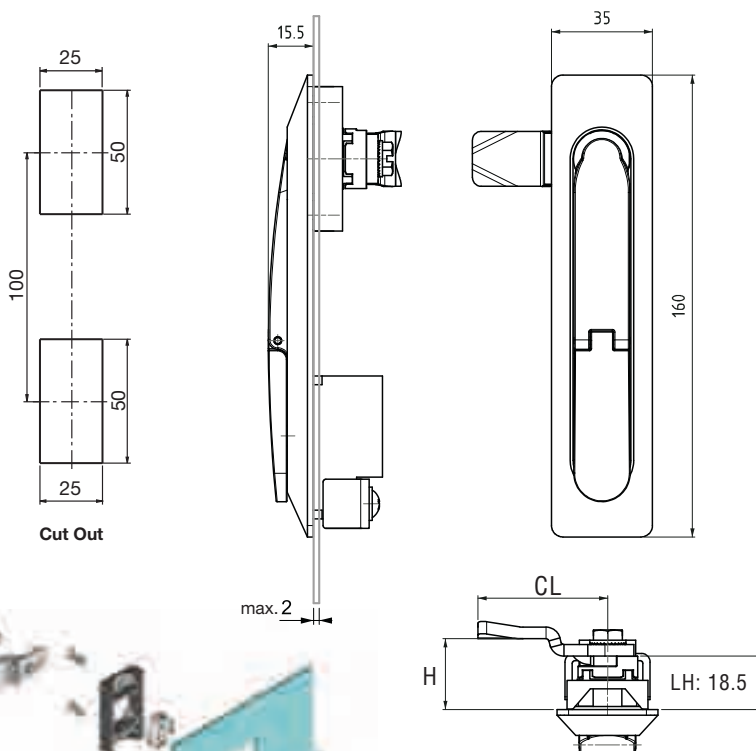
MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1

HANDLE : Zamak DIN-EN 1774-ZnAl4Cu1

CAM : Steel

SEAL : Polyurethane



MATERIAL	MANUFACTURER
Zamak	1

FINISH	MANUFACTURER
Chrome	1
Black Coated	2

HIGH SECURITY CYLINDER	
 Keyed alike	 Keyed differ
20	21

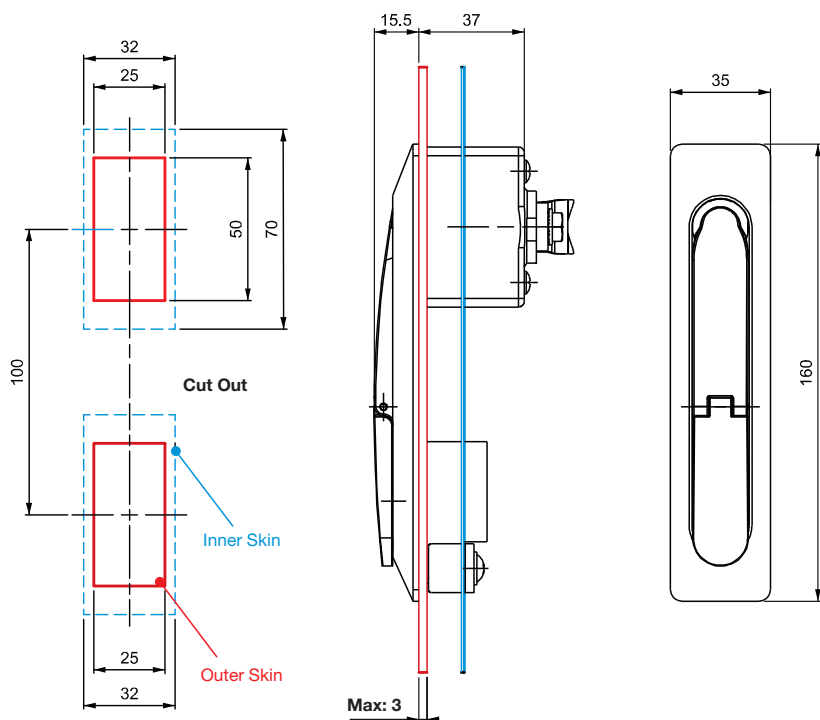
DRIVERS		
5 mm Double bit	8 mm Square	9 mm Triangular
		
15	28	39

Cylinder	SPECIFICATIONS	DD
	Stainless steel dust cap (Keyed alike)	03
	Stainless steel dust cap (Keyed differ)	32
	Master System	04
	Euro key (5333)	05

 For cams please check page: 86- 87

 For rods please check page: 90 - 96

 For keys please check page: 98 - 99



108

SWING HANDLE

New

IP 65



LH/RH



RoHS



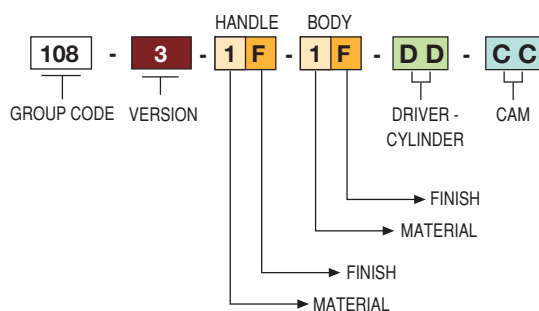
- Ideal for double skindoors panels and outdoor cabinets
- Stronger body against antivandalism
- High security cylinder with special shape key prevents unauthorized duplication
- Better IP resistance with moving dust cap
- Spring loaded handle, slam action

APPLICATIONS

Outdoor cabinets

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1
HANDLE : Zamak DIN-EN 1774-ZnAl4Cu1
CAM : Steel
SEAL : Polyurethane



MATERIAL	M
Zamak	1
FINISH	F
Chrome	1
Black Coated	2

HIGH SECURITY CYLINDER	
Keyed alike	Keyed differ
20	21

DRIVERS		
5 mm Double bit	8 mm Square	9 mm Triangular
15	28	39

Cylinder	SPECIFICATIONS	DD
	Stainless steel dust cap (Keyed alike)	03
	Stainless steel dust cap (Keyed differ)	32
	Master System	04
	Euro key (5333)	05

- For cams please check page: 86 - 87
- For rods please check page: 90 - 96
- For keys please check page: 98 - 99

SWING HANDLE

208

All in metal



New

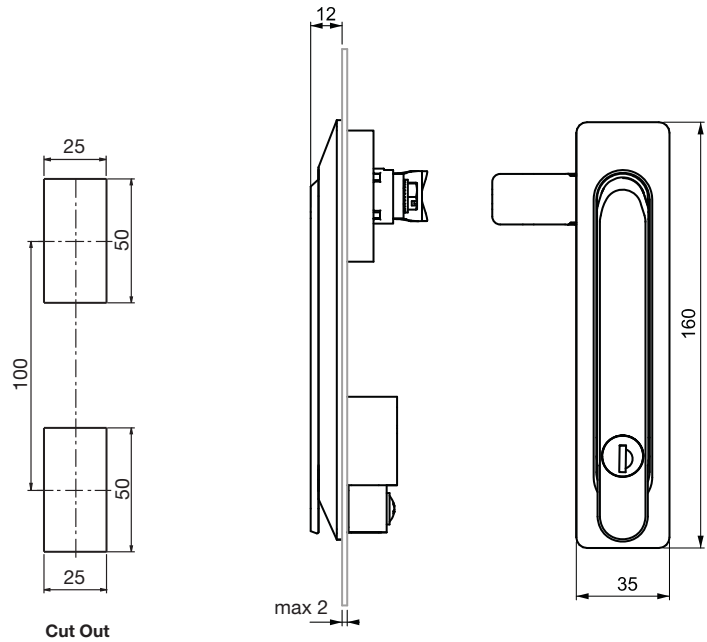
IP 65



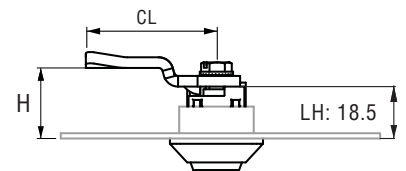
LH/RH



RoHS



Cut Out



- All metal construction
- Offers great strength and looks better
- Handle is not spring loaded and slam action
- Key can be removed at unlocked position

APPLICATIONS

Electric panels, machinery covers,
rack cabinets

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1
HANDLE : Zamak DIN-EN 1774-ZnAl4Cu1
CAM : Steel
SEAL : Polyurethane



PRODUCT CODE

208	-	1	-	F	-	DD	-	CC
GROUP CODE		MATERIAL		FINISH		CYLINDER		CAM

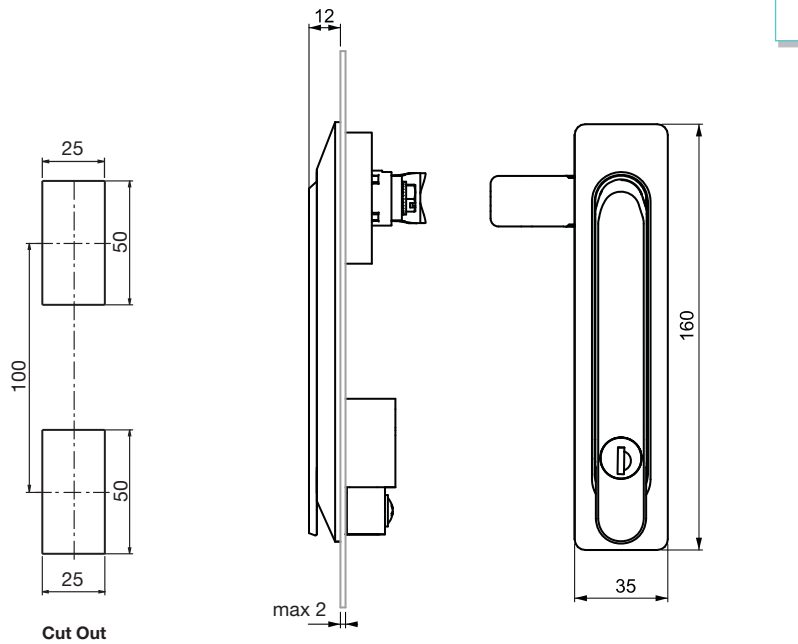
MATERIAL	M
Zamak	1

FINISH	F
Chrome	1
Black Coated	2

For cams please check page: 86- 87

For rods please check page: 90 - 96

Cylinder	SPECIFICATIONS	DD
	Stainless steel dust cap (Keyed alike)	03
	Stainless steel dust cap (Keyed differ)	32
	Master System	04
	Euro key (5333)	05



Cut Out

208

SWING HANDLE

IP 65



LH/RH



RoHS



- Can be used for indoor applications
- Features a budget lock.

APPLICATIONS

Electric panels, machinery covers, rack cabinets

MATERIAL

BODY : Polyamide DIN-EN ISO 1043-1 PA6 GFR 30
HANDLE : Polyamide DIN-EN ISO 1043-1 PA6 GFR 30
CAM : Steel - PA6 GFR 30
SEAL : Polyurethane

PRODUCT CODE

208 - 2 - 0 - DD - CC
GROUP CODE MATERIAL FINISH CYLINDER CAM

Cylinder	SPECIFICATIONS	DD
	Stainless steel dust cap (Keyed alike)	03
	Stainless steel dust cap (Keyed differ)	32
	Master System	04
	Euro key (5333)	05

- For cams please check page: 86- 87
- For rods please check page: 90 - 96

SWING HANDLE

218

All in metal



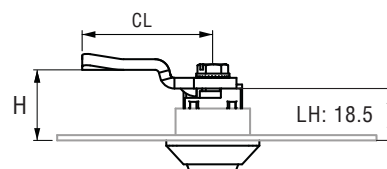
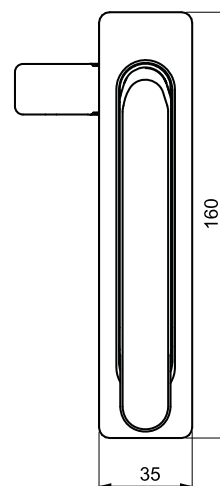
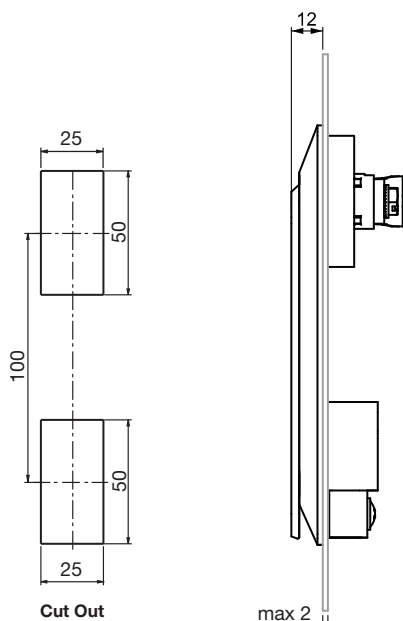
New



LH/RH



RoHS



- All metal construction
- Handle is not spring loaded
- Concealed special cam on the handle provides fixing
- Can be used for outdoor or indoor cabinets

APPLICATIONS

Electric panels, machinery covers,
rack cabinets

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1
HANDLE : Zamak DIN-EN 1774-ZnAl4Cu1
CAM : Steel
SEAL : Polyurethane



PRODUCT CODE

218 - 1 - F - CC

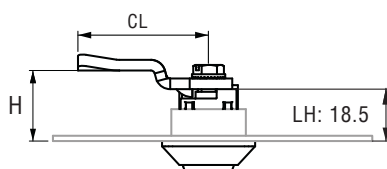
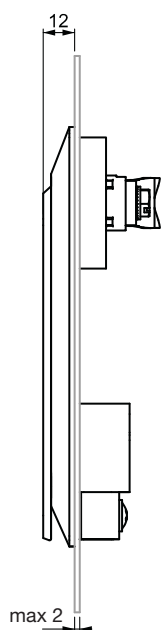
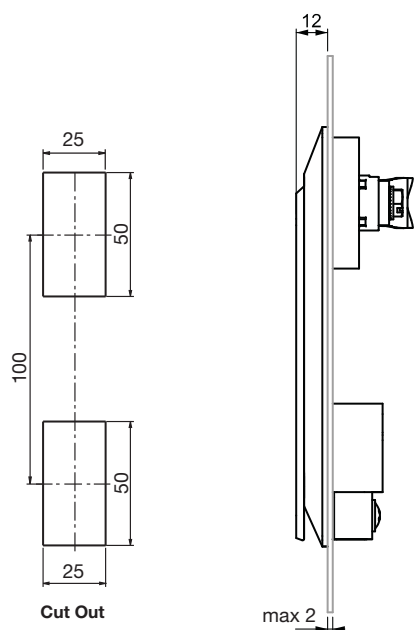
GROUP CODE MATERIAL FINISH CAM

For cams please check page: 86- 87

For rods please check page: 90 - 96

MATERIAL	M
Zamak	1

FINISH	F
Chrome	1
Black Coated	2



218

SWING HANDLE



LH/RH



RoHS



- Concealed special cam on the handle provides fixing
- Can be used for indoor and outdoor applications
- Features a budget lock.

APPLICATIONS

Electric panels, machinery covers, rack cabinets

MATERIAL

BODY : Polyamide DIN-EN ISO 1043-1 PA6 GFR 30
HANDLE : Polyamide DIN-EN ISO 1043-1 PA6 GFR 30
CAM : Steel or PA6 GFR 30
SEAL : Polyurethane

PRODUCT CODE

218 - 2 - 0 - CC
GROUP CODE MATERIAL FINISH CAM

For cams please check page: 86- 87

For rods please check page: 90 - 96

SWING HANDLE

308

Small Version



IP 65



LH/RH



RoHS

- Can be used for indoor and outdoor applications
- 25mm x 100mm cut out.

APPLICATIONS

Electric panels, machinery covers,
rack cabinets

MATERIAL

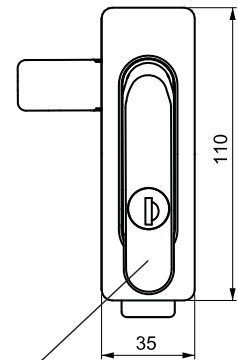
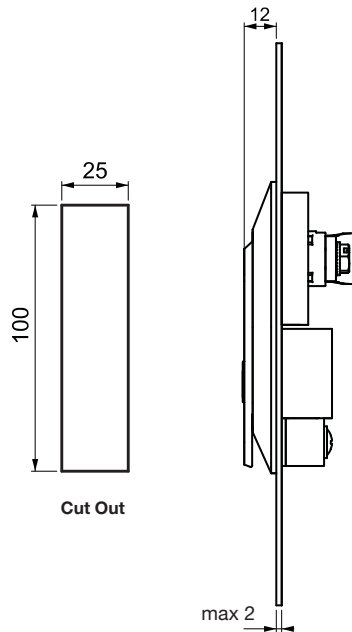
BODY : Polyamide DIN-EN ISO

1043-1 PA6 GFR 30

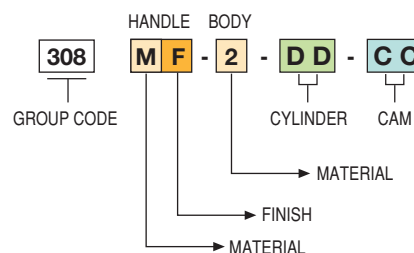
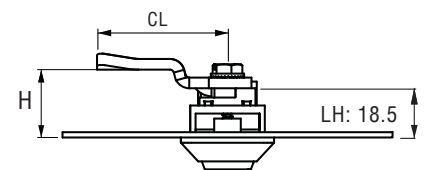
HANDLE : Zamak DIN-EN 1774-ZnAl4Cu1
or PA6 GFR 30

CAM : Steel

SEAL : Polyurethane



HANDLE : Plastic or zamak



MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black Coated	2
Plastic (polyamide)	2	No Finish	0

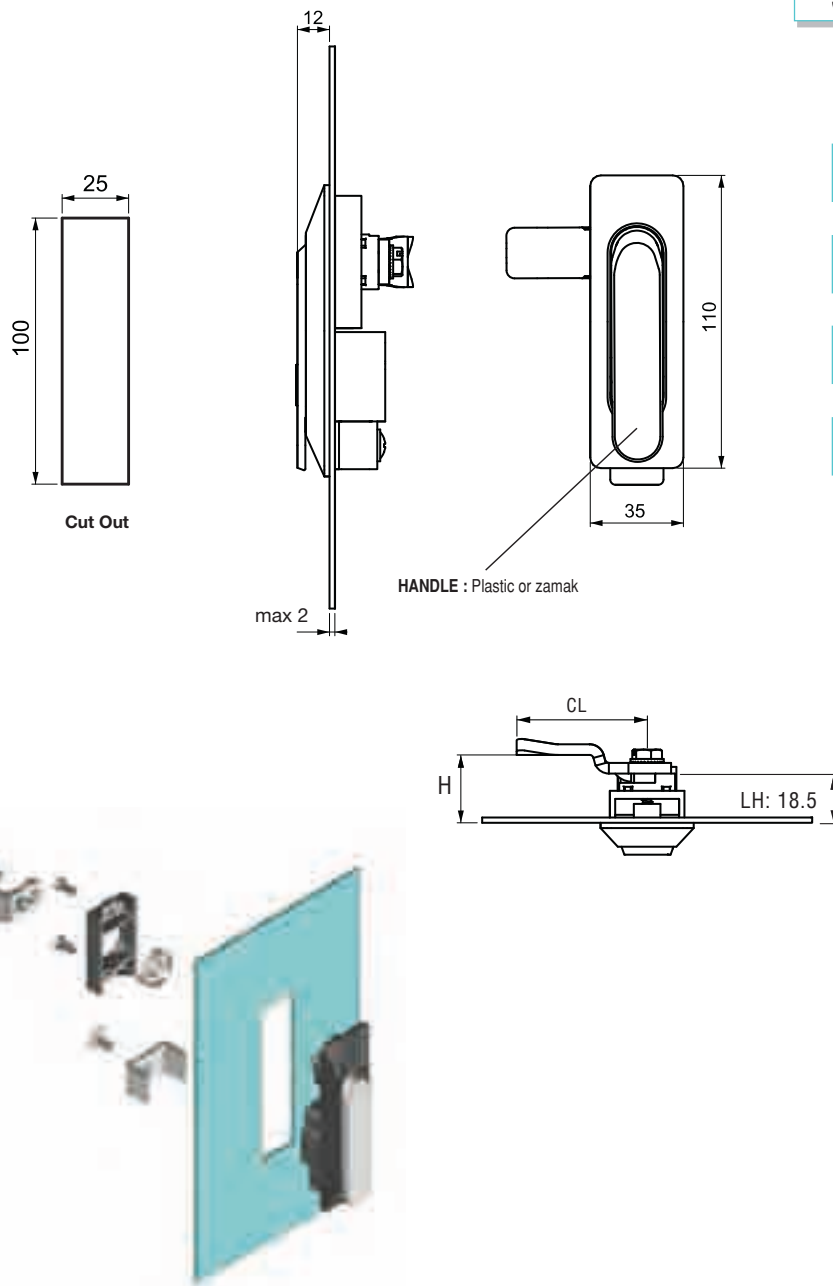
HIGH SECURITY CYLINDER

	
Keyed alike	Keyed differ
20	21

Cylinder	SPECIFICATIONS	DD
	Stainless steel dust cap (Keyed alike)	03
	Stainless steel dust cap (Keyed differ)	32
	Master System	04
	Euro key (5333)	05

For cams please check page: 86- 87

For rods please check page: 90 - 96



318

SWING HANDLE



LH/RH



RoHS

Small Version



- Concealed special cam on the handle provides fixing
- Can be used for indoor and outdoor applications
- Features a budget lock.
- 25mm x 100mm cut out.

APPLICATIONS

Electric panels, machinery covers, rack cabinets

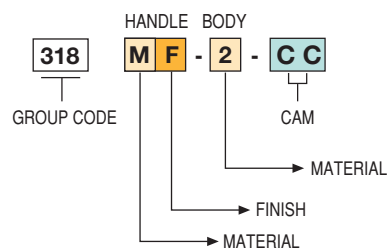
MATERIAL

BODY : Polyamide DIN-EN ISO 1043-1 PA6 GFR 30

HANDLE : Zamak DIN-EN 1774-ZnAl4Cu1 or PA6 GFR 30

CAM : Steel or PA6 GFR 30

SEAL : Polyurethane



MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
Plastic (polyamide)	2	Black Coated	2
		No Finish	0

For cams please check page: 86- 87

For rods please check page: 90 - 96

Rod Latch System

Group code	Product name
002	Swing handle - Gear Box
102	Swing handle - Gear Box
502	Swing handle - Gear Box
109	Swing handle - Gear Box
209	Swing handle - Gear Box
219	Swing handle - Gear Box
309	Swing handle - Gear Box
319	Swing handle - Gear Box
007	Swing handle - Gear Box
003	Three point lock
103	Three point lock (Wing knob, 'T'and 'L' handle)
203	Three point lock (Wing knob, 'T'and 'L' handle)
203	Three point lock
103	Three point lock

Page

36

37

38 - 39

40 - 43

44 - 45

46 -47

48

49

50

51

52 - 53

54 - 55

56

57



NOTE:

www.mesanlocks.com



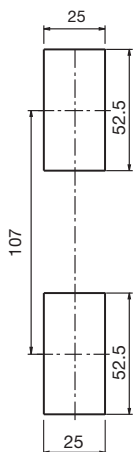
1-2 Rod latch system

1-2

[illegible]

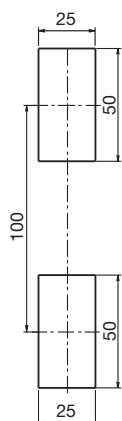
INFORMATION

CUT OUT DIMENSIONS



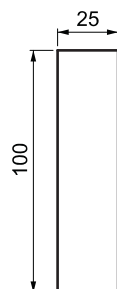
Application locks

002



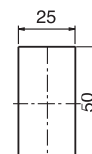
Application locks

102, 502, 007, 109, 209, 219, 203



Application locks

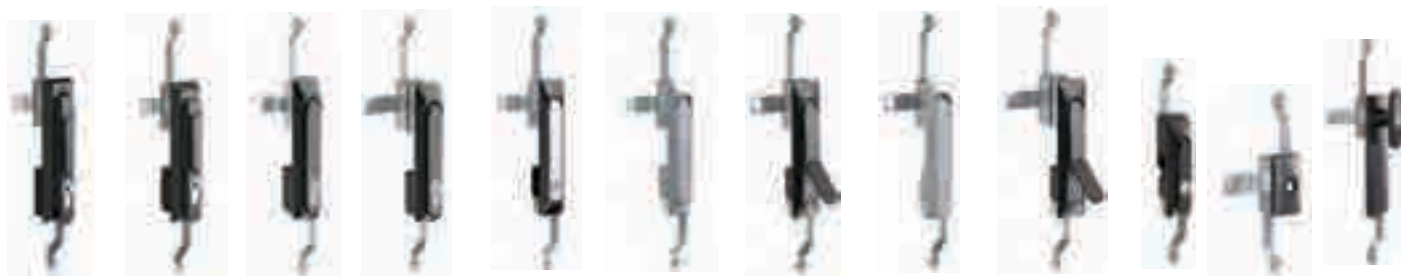
309, 319



Application locks

103

PROPERTIES



	002	102	502	007	109	209	219	309	319	003	103	203
Euro profile	✓	✓	✓									
With cylinder				✓	✓	✓		✓		✓	✓	✓
No cylinder												
All in metal			✓		✓	✓	✓					
Handle and body plastic	✓	✓		✓		✓	✓	✓	✓			
Body plastic, handle metal				✓	✓			✓	✓		✓	✓
Pad lock version	✓	✓	✓									
With dust cup	✓	✓	✓	✓								
IP 65	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓
Spring handle			✓	✓	✓							

SWING HANDLE GEAR BOX

002

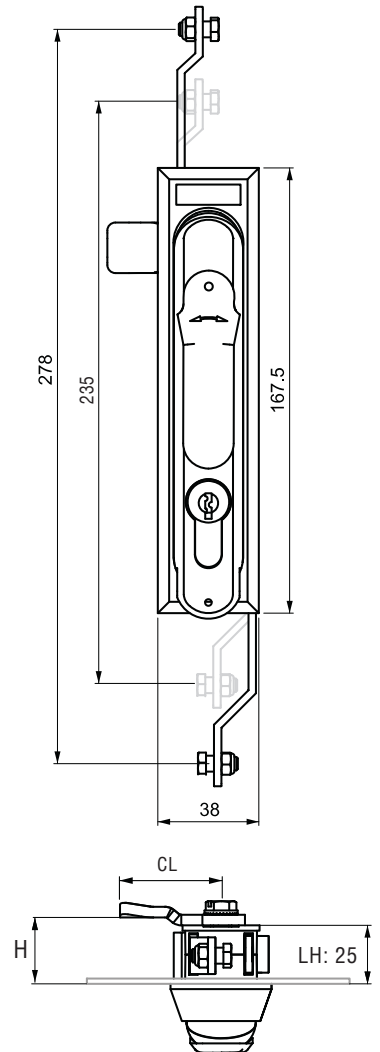
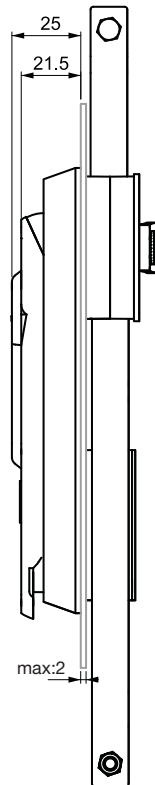
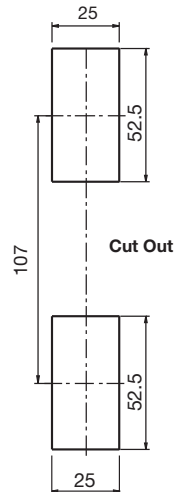
IP 65



LH/RH



RoHS



- Swinghandle for steel and polyester cabinets.
- 40mm Euro Profile single cylinder fitted.
- For 42mm Euro Profile single cylinder, please contact Mesan.
- Optional padlockable version available.
- Note that the cut out centre is 107mm.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

BODY : Polyamide DIN-EN ISO
1043-1 PA6 GFR 30

MECHANISM : Zamak DIN-EN 1774-ZnAl4Cu1

HANDLE : Polyamide DIN-EN ISO
1043-1 PA6 GFR 30

CAM : Steel

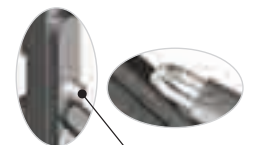
SEAL : Polyurethane

- For cams please check page: 88
- For rods please check page: 90 - 96
- For keys please check page: 98 - 99

PRODUCT CODE

002 - DD - CC - 1

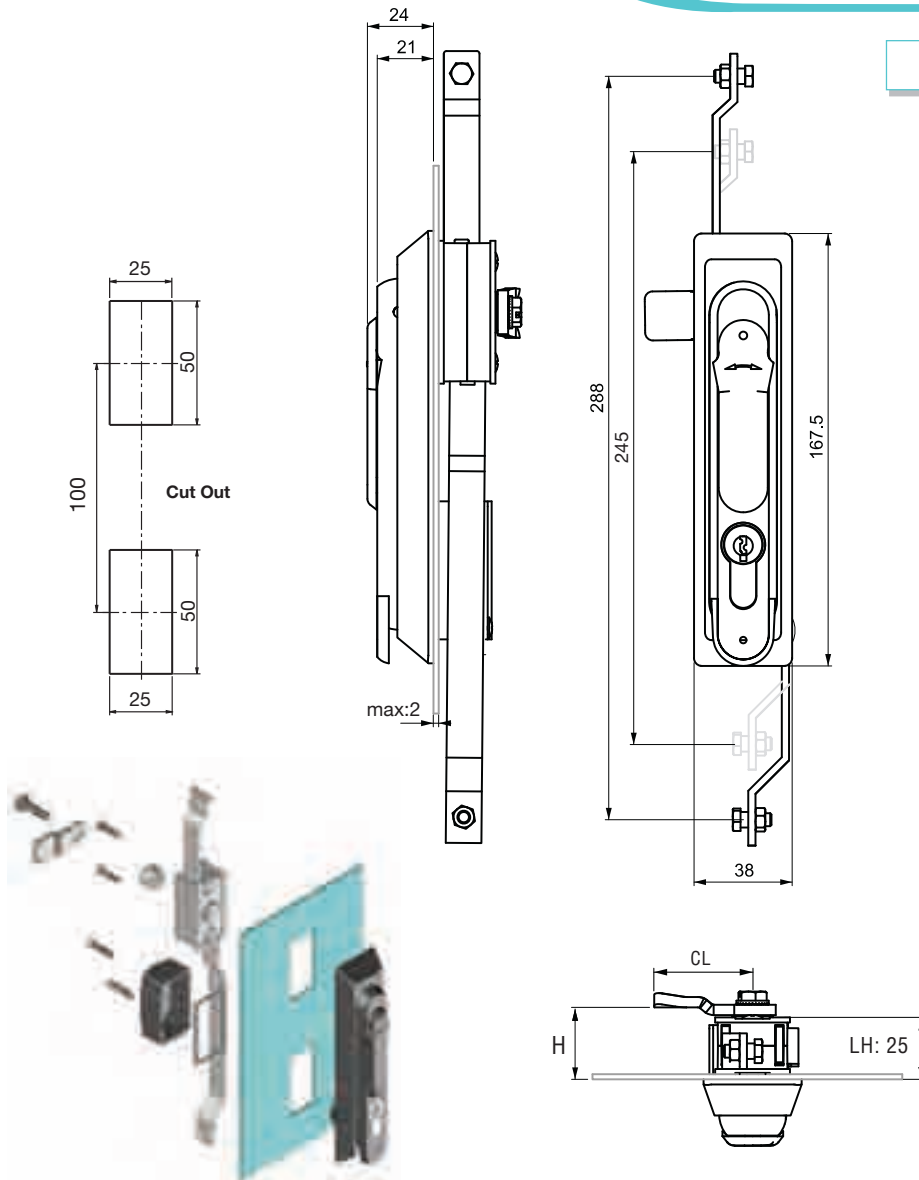
GROUP CODE CYLINDER CAM For Only Pad Lock



Pad lock application

CYLINDER TYPE		DD
	Keyed alike	01
	Keyed differ	02
	Master System	04
	Euro key (5333)	05

DRIVER TYPE				HIGH SECURITY CYLINDER			
5 mm Double bit	8 mm Square	9 mm Triangular	Eastern	Brass cylinder	Zamak cylinder		
							
15	28	39	91	Keyed alike	Keyed differ	Keyed alike	Keyed differ
				20	21	22	23



102

SWING HANDLE GEAR BOX

IP 65



LH/RH



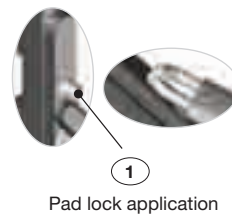
RoHS



- Swinghandle for steel and polyester cabinets.
- 40mm Euro Profile single cylinder fitted.
- For 42mm Euro Profile single cylinder, please contact Mesan.
- Optional padlockable version available.

PRODUCT CODE

102 - DD - CC - 1
 GROUP CODE CYLINDER CAM For Only Pad Lock



Pad lock application

APPLICATIONS

Electric panels, machinery covers

MATERIAL

BODY : Polyamide DIN-EN ISO 1043-1 PA6 GFR 30
 MECHANISM : Zamak DIN-EN 1774-ZnAl4Cu1
 HANDLE : Polyamide DIN-EN ISO 1043-1 PA6 GFR 30
 CAM : Steel
 SEAL : Polyurethane

CYLINDER TYPE		DD
	Keyed alike	01
	Keyed differ	02
	Master System	04
	Euro key (5333)	05

DRIVER TYPE				HIGH SECURITY CYLINDER			
5 mm Double bit	8 mm Square	9 mm Triangular	Eastern	Brass cylinder	Zamak cylinder		
15	28	39	91	Keyed alike	Keyed differ	Keyed alike	Keyed differ
				20	21	22	23

- For cams please check page: 88
- For rods please check page: 90 - 96
- For keys please check page: 98 - 99

SWING HANDLE GEAR BOX

502

IP 65



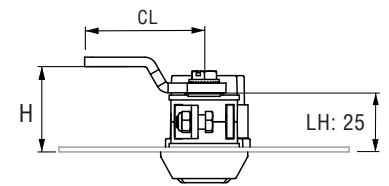
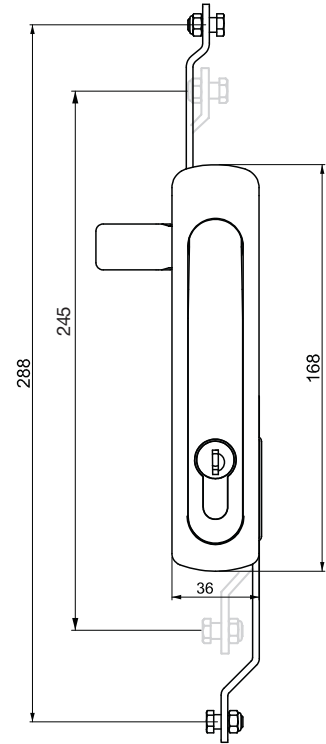
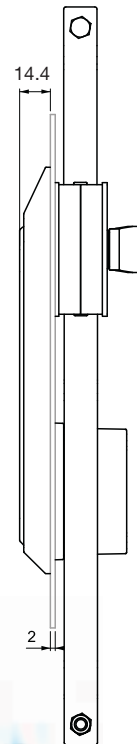
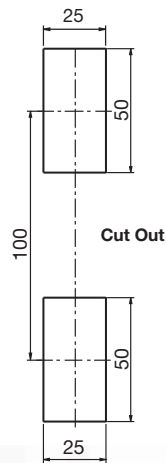
LH/RH



RoHS



All in metal



- Die-cast construction provides higher strength than polyamide.
- Thin external profile, 14.4 mm, to give flush appearance.
- For different colours, please contact Mesan.
- High security, brass, Euro Profile single cylinder available.
- Dust cap available.
- Optional padlockable version available.

APPLICATIONS

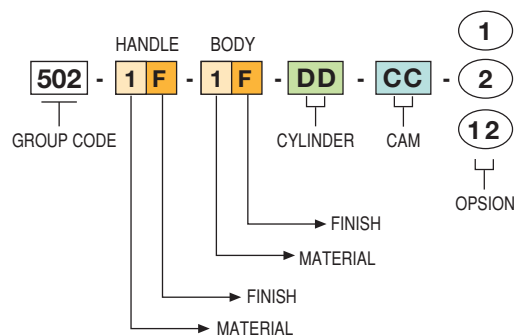
Electric panels, outdoor cabinets

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1

MECHANISM : Zamak DIN-EN 1774-ZnAl4Cu1

HANDLE : Zamak DIN-EN 1774-ZnAl4Cu1

1
Dust cap application2
Pad lock application12
Dust cap + Pad lock application

MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black Coated	2

ZAMAK CYLINDER	DD
Stainless steel dust cap (Keyed alike)	03
Stainless steel dust cap (Keyed differ)	32

BRASS CYLINDER	DD
No Cylinder	00
Keyed alike	11

HIGH SECURITY CYLINDER			
Brass cylinder		Zamak cylinder	
Keyed alike	20	Keyed differ	21
Keyed alike	22	Keyed differ	23

 For cams please check page: 88

 For rods please check page: 90 - 96

 For keys please check page: 98 - 99

502

SWING HANDLE GEAR BOX

New

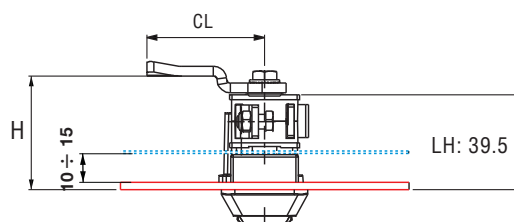
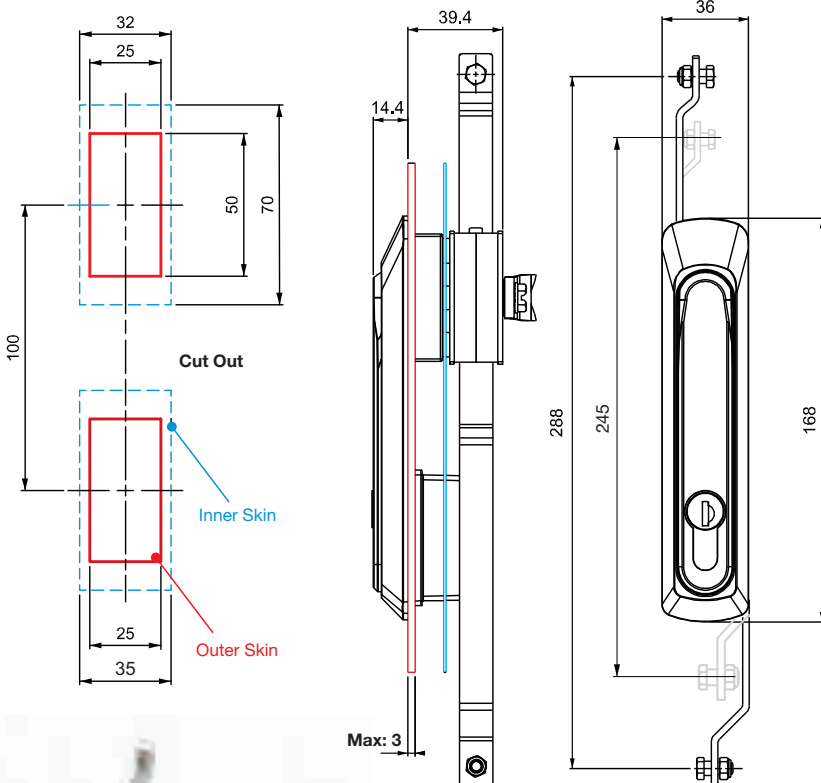
IP 65



LH/RH



RoHS



- High security swing handle for indoor and outdoor cabinets
- Ideal for double skindoor panels and outdoor cabinets
- Spring loaded handle slam action.
- Dust cap and padlockable versions are optional.

APPLICATIONS

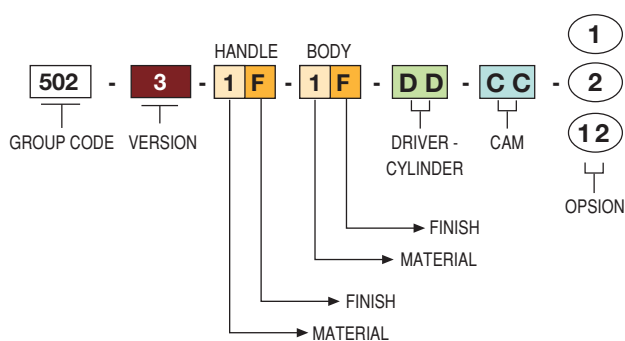
Outdoor cabinets

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1

MECHANISM : Zamak DIN-EN 1774-ZnAl4Cu1

HANDLE : Zamak DIN-EN 1774-ZnAl4Cu1



Dust cap + Pad lock application

MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black Coated	2

ZAMAK CYLINDER	DD
Stainless steel dust cap (Keyed alike)	03
Stainless steel dust cap (Keyed differ)	32

BRASS CYLINDER	DD
No Cylinder	00
Keyed alike	11

HIGH SECURITY CYLINDER			
Brass cylinder		Zamak cylinder	
Keyed alike	Keyed differ	Keyed alike	Keyed differ
20	21	22	23

For cams please check page: 88

For rods please check page: 90 - 96

For keys please check page: 98 - 99

SWING HANDLE GEAR BOX

109

IP 65



LH/RH



RoHS



- Ultra thin external profile, just 9 mm, to give flush appearance.
- Spring loaded, slam action swing handle.

APPLICATIONS

Electric panels, machinery covers,
rack cabinets

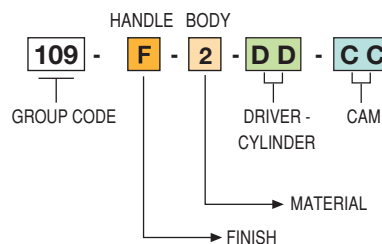
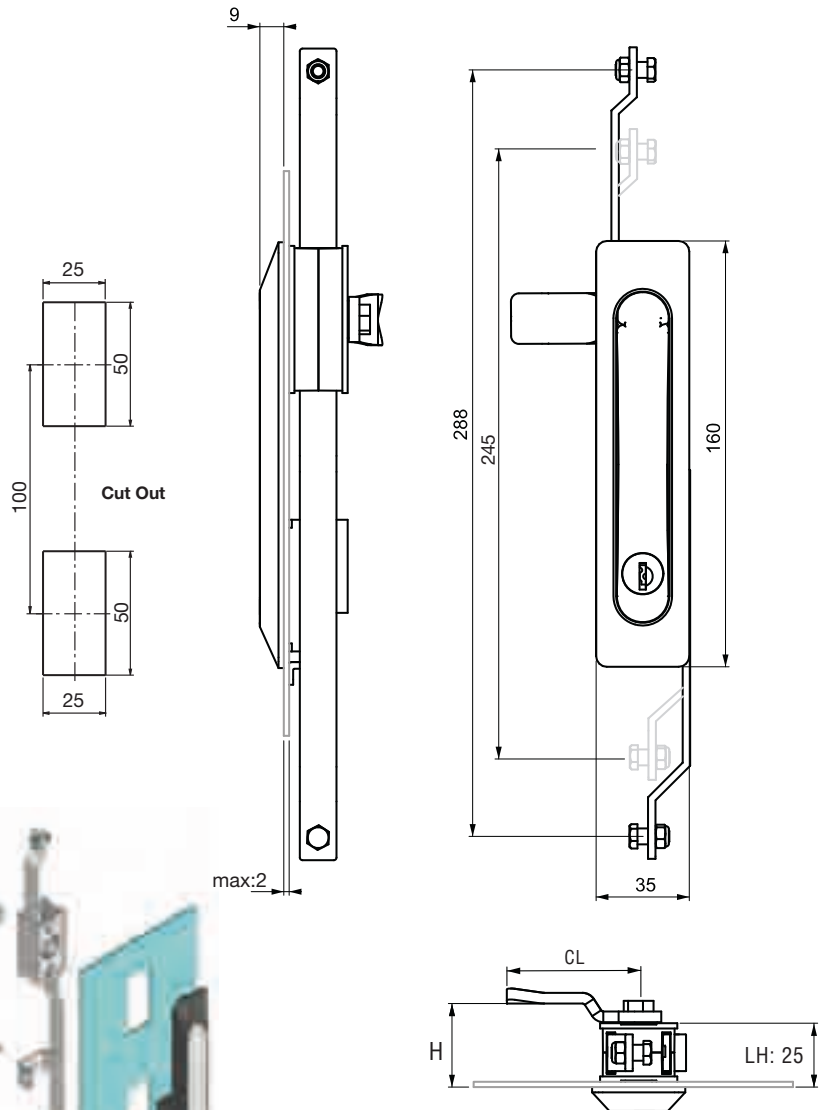
MATERIAL

BODY : PA6 GFR 30
MECHANISM: Zamak DIN-EN 1774-ZnAl4Cu1
HANDLE : Zamak DIN-EN 1774-ZnAl4Cu1
CAM : Steel
SEAL : Polyurethane

For cams please check page: 88

For rods please check page: 90 - 96

For keys please check page: 98 - 99



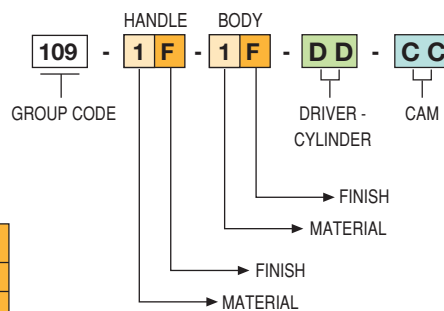
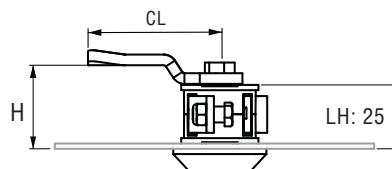
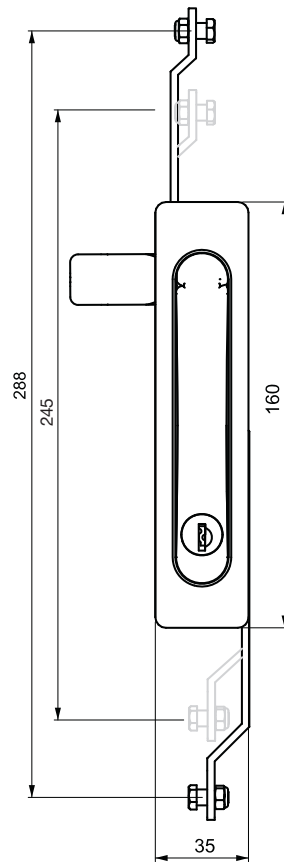
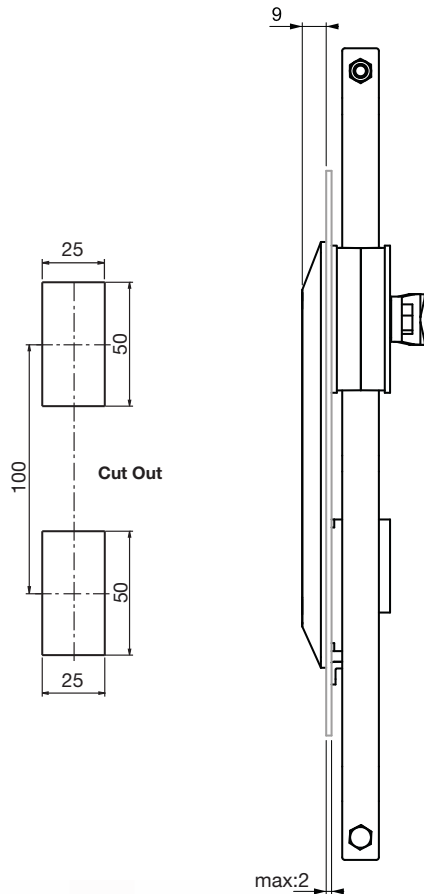
MATERIAL	M
Plastic (polyamide)	2

FINISH	F
Chrome	1
Black Coated	2

HIGH SECURITY CYLINDER	
	
Keyed alike	Keyed differ
20	21

DRIVERS		
5 mm Double bit	8 mm Square	9 mm Triangular
		
15	28	39

Cylinder	SPECIFICATIONS	DD
	Stainless steel dust cap (Keyed alike)	03
	Stainless steel dust cap (Keyed differ)	32
	Master System	04
	Euro key (5333)	05



MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black Coated	2

HIGH SECURITY CYLINDER	
	Keyed alike
	Keyed differ
20	21

DRIVERS		
5 mm Double bit	8 mm Square	9 mm Triangular
15	28	39

Cylinder	SPECIFICATIONS	DD
	Stainless steel dust cap (Keyed alike)	03
	Stainless steel dust cap (Keyed differ)	32
	Master System	04
	Euro key (5333)	05

109

SWING HANDLE GEAR BOX

IP 65



LH/RH



RoHS

All in metal



- All metal construction.
- Offers greater strength than polyamide and looks better.
- For special colours, please contact Mesan.
- Spring loaded, slam action swing handle.

APPLICATIONS

Electric panels, outdoor cabinets

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1

MECHANISM : Zamak DIN-EN 1774-ZnAl4Cu1

HANDLE : Zamak DIN-EN 1774-ZnAl4Cu1

CAM : Steel

SEAL : Polyurethane

For cams please check page: 88

For rods please check page: 90 - 96

For keys please check page: 98 - 99

SWING HANDLE GEAR BOX

109

All in metal

New

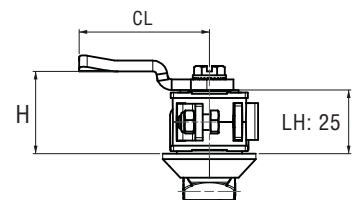
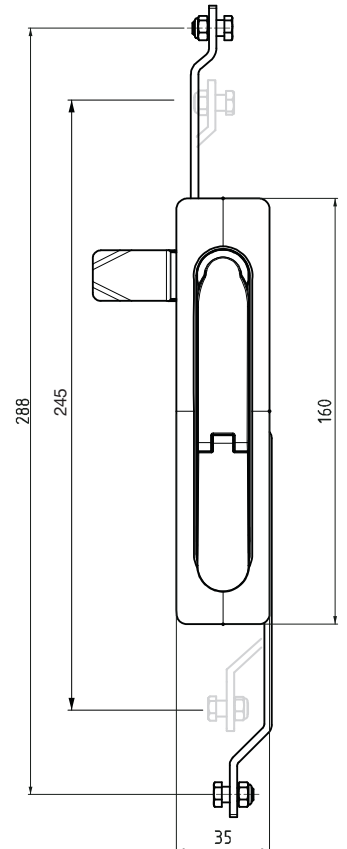
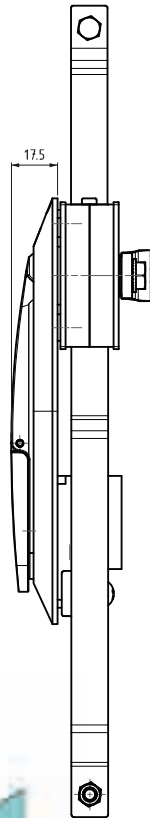
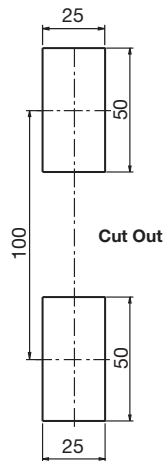
IP 65



LH/RH



RoHS



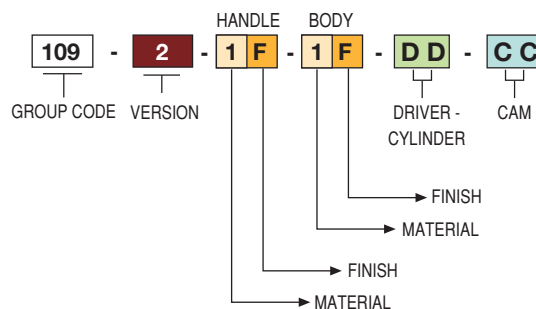
- All metal construction
- Improved corrosion resistance
- High security cylinder alternative
- Better IP resistance with moving dust cap

APPLICATIONS

Electric panels, outdoor cabinets

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1
 MECHANISM: Zamak DIN-EN 1774-ZnAl4Cu1
 HANDLE : Zamak DIN-EN 1774-ZnAl4Cu1
 CAM : Steel
 SEAL : Polyurethane



MATERIAL	M
Zamak	1

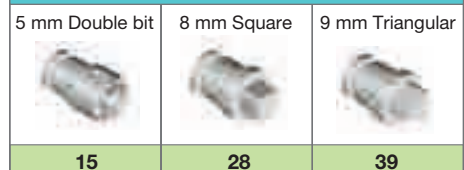
FINISH	F
Chrome	1
Black Coated	2

HIGH SECURITY CYLINDER



Keyed alike 20 Keyed differ 21

DRIVERS



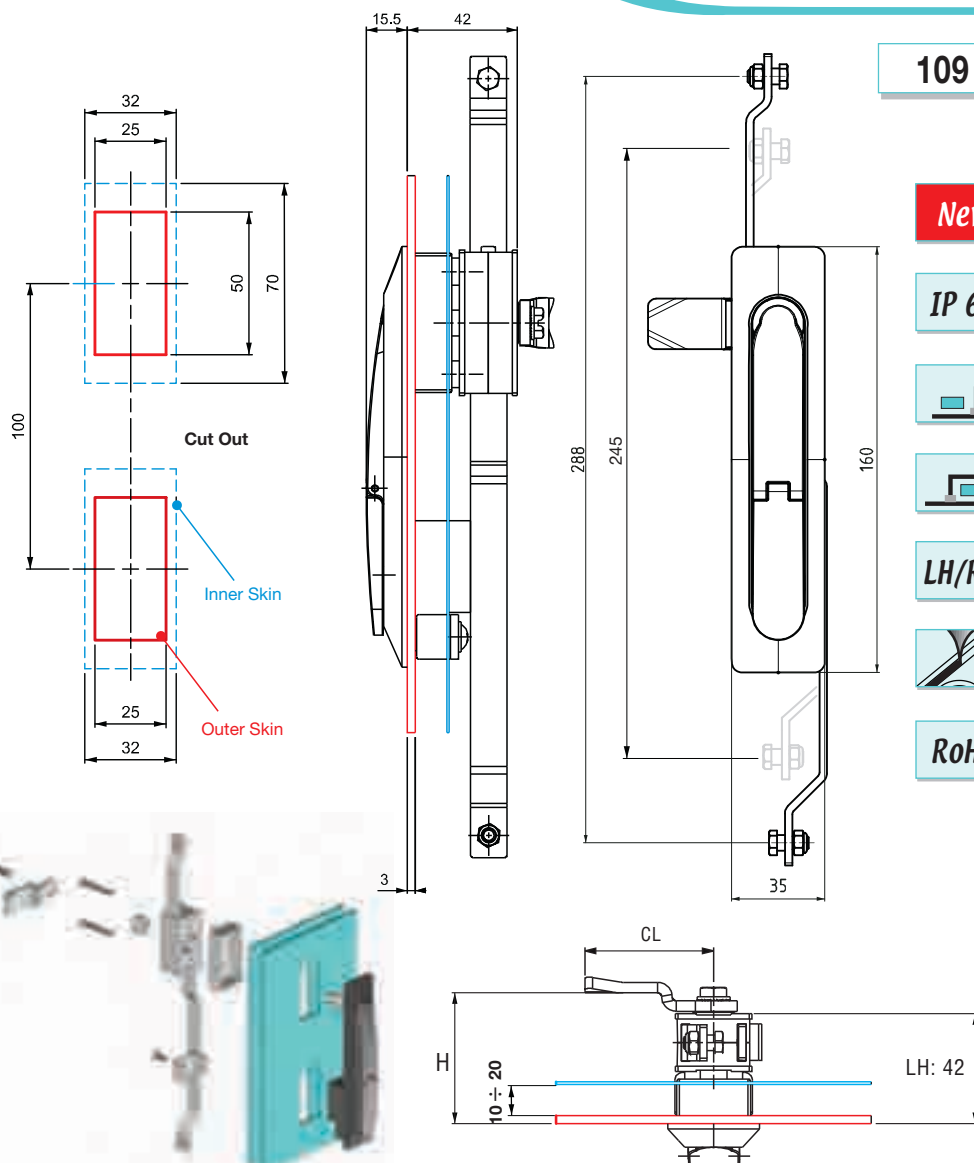
15 28 39

For cams please check page: 88

For rods please check page: 90 - 96

For keys please check page: 98 - 99

Cylinder	SPECIFICATIONS	DD
	Stainless steel dust cap (Keyed alike)	03
	Stainless steel dust cap (Keyed differ)	32
	Master System	04
	Euro key (5333)	05



109

SWING HANDLE GEAR BOX

New

IP 65



LH/RH



RoHS

All in metal



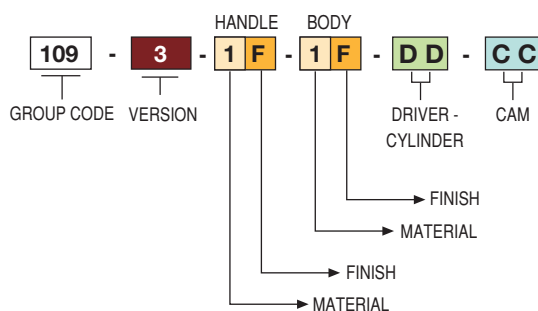
- Ideal for double skin door panels and outdoor cabinets
- Stronger body against antivandalism
- High security cylinder with special shape key prevents unauthorized duplication
- Better IP resistance with moving dust cap
- Spring loaded handle, slam action

APPLICATIONS

Outdoor cabinets

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1
MECHANISM : Zamak DIN-EN 1774-ZnAl4Cu1
HANDLE : Zamak DIN-EN 1774-ZnAl4Cu1
CAM : Steel
SEAL : Polyurethane



MATERIAL	M
Zamak	1

FINISH	F
Chrome	1
Black Coated	2

HIGH SECURITY CYLINDER	
Keyed alike	Keyed differ
20	21

DRIVERS		
5 mm Double bit	8 mm Square	9 mm Triangular
15	28	39

Cylinder	SPECIFICATIONS	DD
	Stainless steel dust cap (Keyed alike)	03
	Stainless steel dust cap (Keyed differ)	32
	Master System	04
	Euro key (5333)	05

For cams please check page: 88

For rods please check page: 90 - 96

For keys please check page: 98 - 99

SWING HANDLE GEAR BOX

209

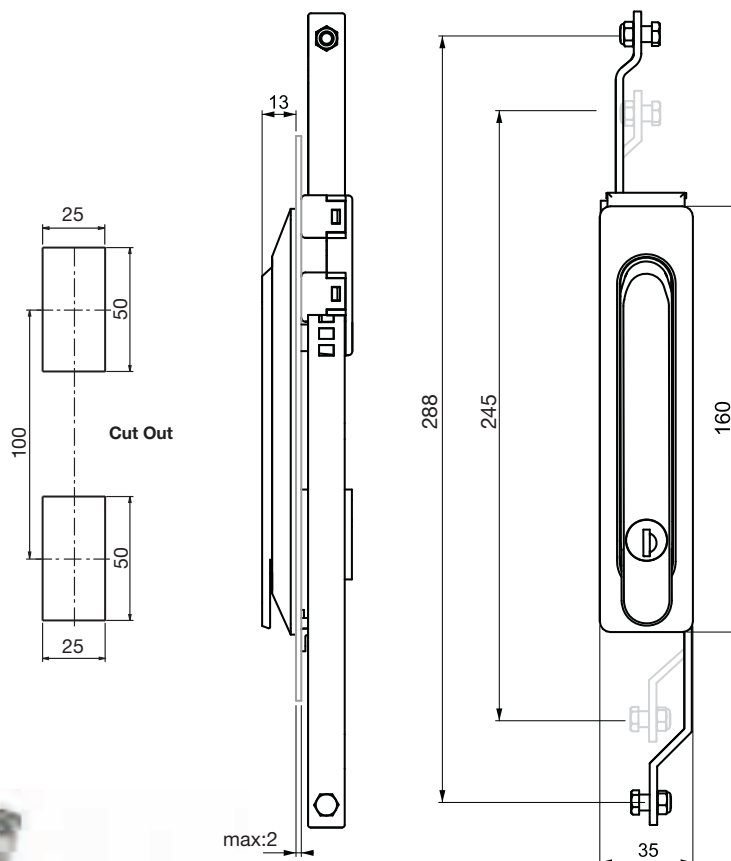
IP 65



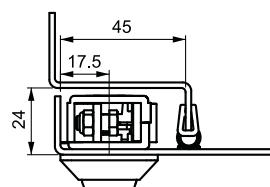
LH/RH



RoHS



Outside of gasketing



- Swing handle can be located outside gasketing.
- A special gearbox is used.
- Provides 3 point locking.
- Features a budget lock.

APPLICATIONS

Electric panels, machinery covers,
rack cabinets

MATERIAL

BODY : Polyamide DIN-EN ISO
1043-1 PA6 GFR 30

MECHANISM : PA66

HANDLE : Polyamide DIN-EN ISO
1043-1 PA6 GFR 30

SEAL : Polyurethane

PRODUCT CODE

209 - 2 - 0 - DD - CC
GROUP CODE MATERIAL FINISH CYLINDER CAM

In case of 3 points application please use "CC" number for cam instead of "00".

▶ For cams please check page: 88

▶ For rods please check page: 90 - 96

Cylinder	SPECIFICATIONS	DD
	Stainless steel dust cap (Keyed alike)	03
	Stainless steel dust cap (Keyed differ)	32
	Master System	04
	Euro key (5333)	05

209

SWING HANDLE GEAR BOX

New

IP 65

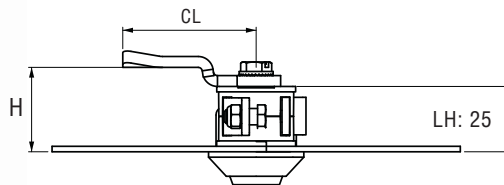
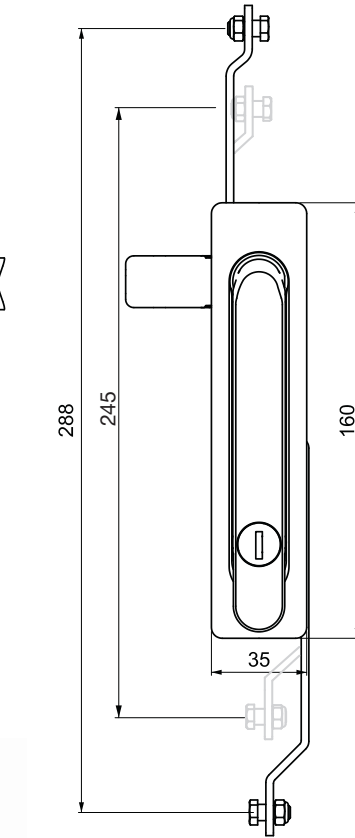
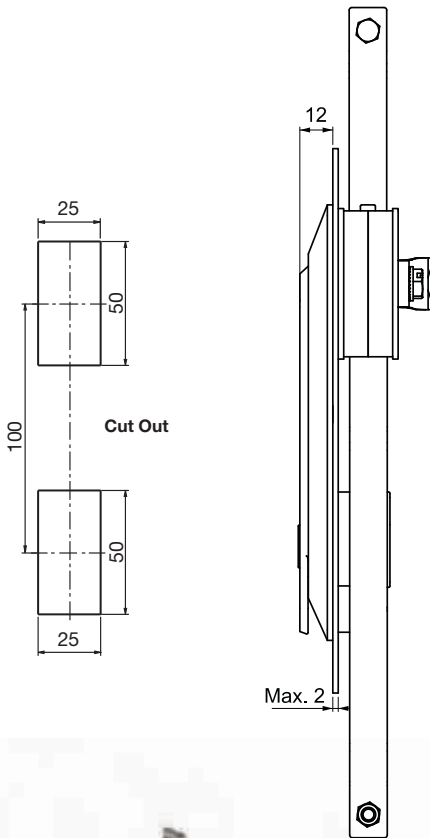


LH/RH



RoHS

All in metal



- All metal construction
- Offers great strength and looks better
- Handle is not spring loaded and slam action
- Key can be removed in unlocked position

APPLICATIONS

Electric panels, machinery covers, rack cabinets

BODY : Zamak DIN-EN 1774-ZnAl4Cu1
MECHANISM : Zamak DIN-EN 1774-ZnAl4Cu1
HANDLE : Zamak DIN-EN 1774-ZnAl4Cu1
CAM : Steel
SEAL : Polyurethane

PRODUCT CODE

209 - 1 - F - DD - CC
GROUP CODE MATERIAL FINISH CYLINDER CAM

MATERIAL	M
Zamak	1

FINISH	F
Chrome	1
Black Coated	2

Cylinder	SPECIFICATIONS	DD
	Stainless steel dust cap (Keyed alike)	03
	Stainless steel dust cap (Keyed differ)	32
	Master System	04
	Euro key (5333)	05

For cams please check page: 88

For rods please check page: 90 - 96

SWING HANDLE GEAR BOX

219

All in metal

New

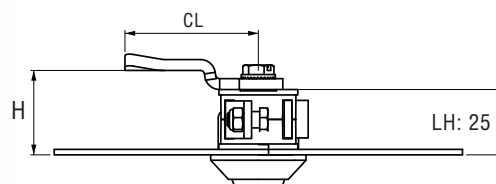
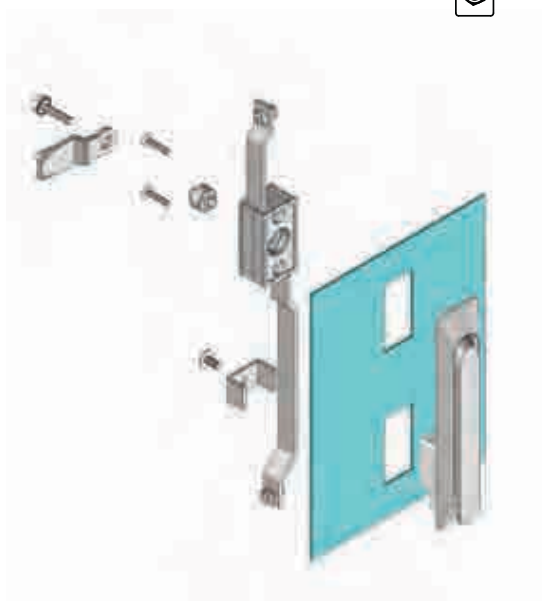
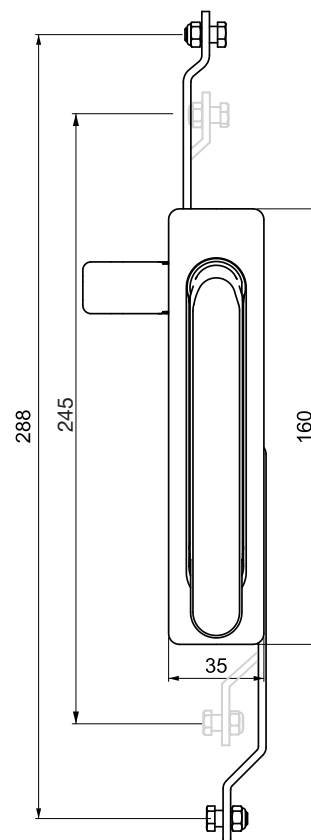
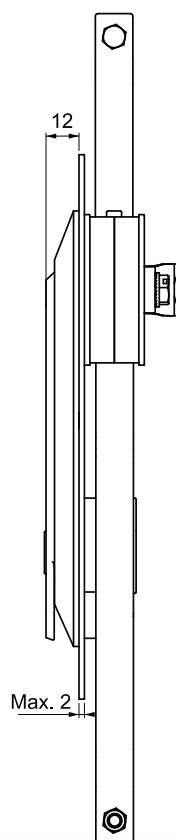
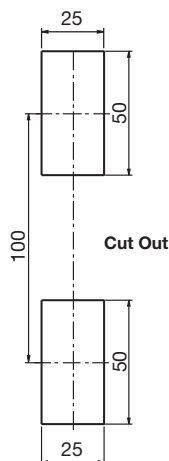
IP 65



LH/RH



RoHS



- All metal construction
- Handle is not spring loaded
- Concealed special cam on the handle provides fixing
- Can be used for outdoor or indoor cabinets

APPLICATIONS

Electric panels, machinery covers,
rack cabinets

BODY : Zamak DIN-EN 1774-ZnAl4Cu1
MECHANISM : Zamak DIN-EN 1774-ZnAl4Cu1
HANDLE : Zamak DIN-EN 1774-ZnAl4Cu1
CAM : Steel
SEAL : Polyurethane

PRODUCT CODE

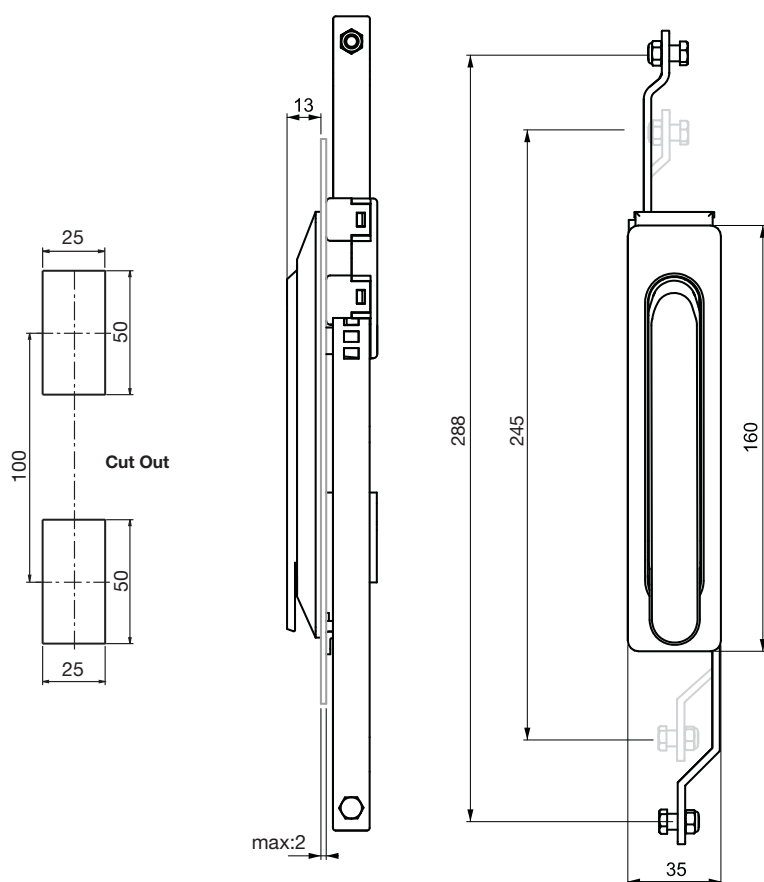
219 - 1 - F - CC
GROUP CODE MATERIAL FINISH CAM

MATERIAL	M
Zamak	1

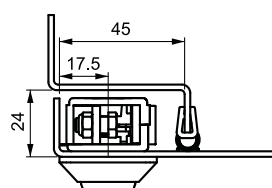
FINISH	F
Chrome	1
Black Coated	2

▶ For cams please check page: 88

▶ For rods please check page: 90 - 96



Outside of gasketing



219

SWING HANDLE GEAR BOX



LH/RH



RoHS



- Concealed special cam on the handle provides fixing
- Swing handle can be located outside the gasketing.
- Features a budget lock.

APPLICATIONS

Electric panels, machinery covers, rack cabinets

MATERIAL

BODY : Polyamide DIN-EN ISO 1043-1 PA6 GFR 30
MECHANISM : PA 66
HANDLE : Polyamide DIN-EN ISO 1043-1 PA6 GFR 30
SEAL : Polyurethane

PRODUCT CODE

219 - 2 - 0 - CC
GROUP CODE MATERIAL FINISH CAM

In case of 3 points application please use "CC" number for cam instead of "00".

For cams please check page: 88

For rods please check page: 90 - 96

SWING HANDLE GEAR BOX

309

Small Version

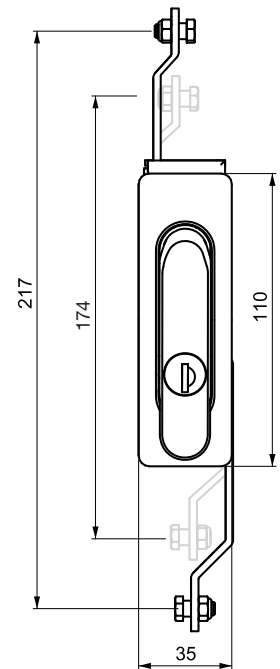
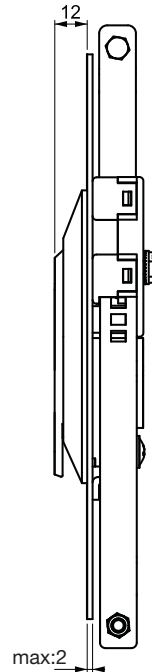
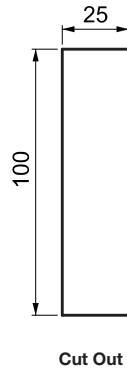
IP 65



LH/RH



RoHS



- Swing handle can be located outside gasketing.
- A special gearbox is used.
- Provides 3 point locking.
- 25 mm x 100 mm cut out.

APPLICATIONS

Electric panels, machinery covers,
rack cabinets

MATERIAL

BODY : Polyamide DIN-EN ISO
1043-1 PA6 GFR 30

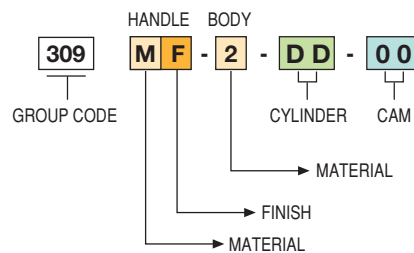
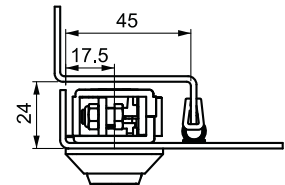
MECHANISM : PA66

HANDLE : Zamak DIN-EN 1774-ZnAl4Cu1
or PA6 GFR 30

SEAL : Polyurethane



Outside of gasketing



In case of 3 points application please use
"CC" number for cam instead of "00".

MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black Coated	2
Plastic (polyamide)	2	No Finish	0

HIGH SECURITY CYLINDER



Keyed alike

Keyed differ

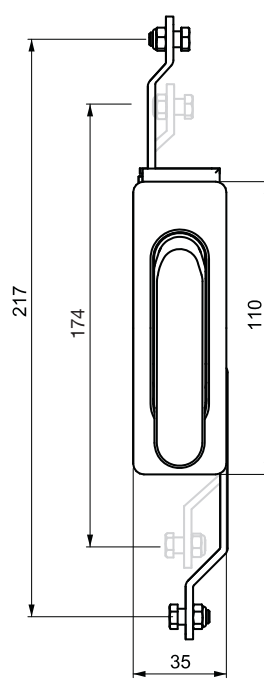
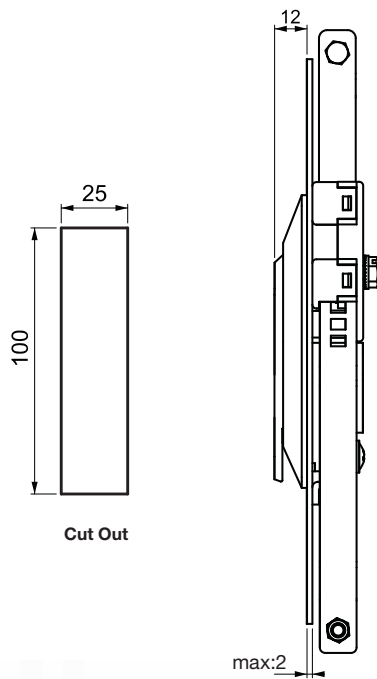
20

21

Cylinder	SPECIFICATIONS	DD
	Stainless steel dust cap (Keyed alike)	03
	Stainless steel dust cap (Keyed differ)	32
	Master System	04
	Euro key (5333)	05

For cams please check page: 88

For rods please check page: 90 - 96



319

SWING HANDLE GEAR BOX



LH/RH



RoHS

Small Version

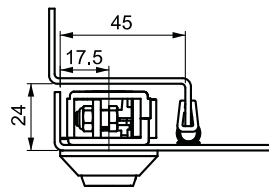


Rod latch system

1-2



Outside of gasketing



- Concealed special cam on the handle provides locking
- A special gearbox is used.
- Provides 3 point locking.
- 25 mm x 100 mm cut out.

APPLICATIONS

Electric panels, machinery covers, rack cabinets

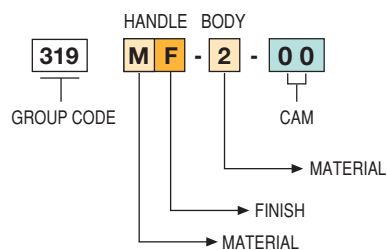
MATERIAL

BODY : Polyamide DIN-EN ISO 1043-1 PA6 GFR 30

MECHANISM: PA66

HANDLE : Zamak DIN-EN 1774-ZnAl4Cu1 or PA6 GFR 30

SEAL : Polyurethane



In case of 3 points application please use "CC" number for cam instead of "00".

MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black Coated	2
Plastic (polyamide)	2	No Finish	0

For cams please check page: 88

For rods please check page: 90 - 96

SWING HANDLE GEAR BOX

007

IP 65



LH/RH



RoHS



- Lower strength swing handle that accepts cylindrical drivers only.
- Spring loaded, slam action swing handle.
- Can be used indoor and outdoor
- Polyamide gearbox results in competitive price.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

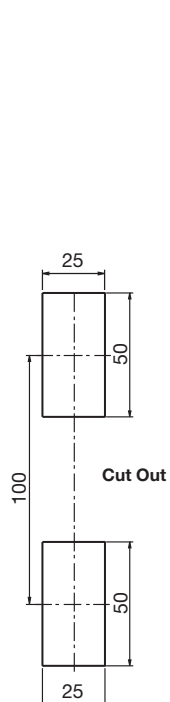
BODY : Polyamide DIN-EN ISO
1043-1 PA6 GFR 30

HANDLE : PA6 GFR 30

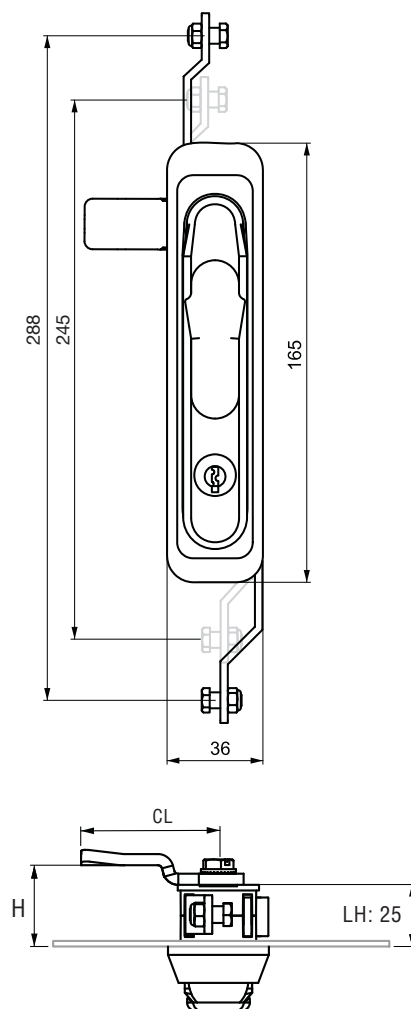
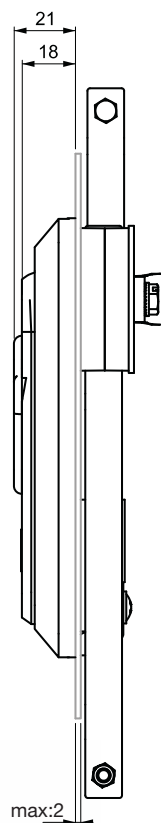
MECHANISM: PA6 GFR 30

CAM : Steel

SEAL : Polyurethane



Cut Out



PRODUCT CODE

007 - DD - CC

GROUP CODE DRIVER - CYLINDER CAM

DRIVERS

5 mm Double bit	8 mm Square	9 mm Triangular
		
15	28	39

Cylinder	SPECIFICATIONS	DD
	Keyed alike	01
	Keyed differ	02
	Stainless steel dust cap (Keyed alike)	03
	Stainless steel dust cap (Keyed differ)	32
	Master System	04
	Euro key (5333)	05

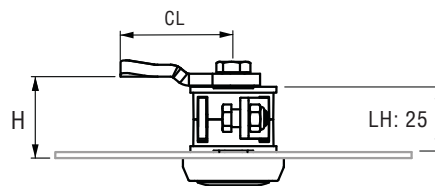
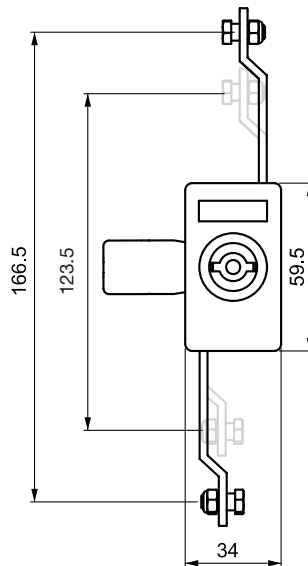
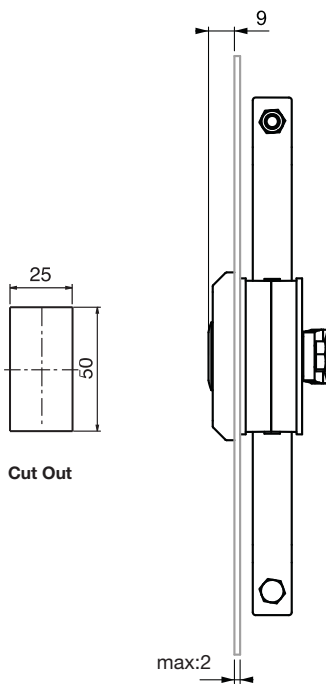
▶ For cams please check page: 88

▶ For rods please check page: 90 - 96

▶ For keys please check page: 98 - 99

003

THREE POINT LOCK



- Integral gearbox provides 3 point locking.

APPLICATIONS

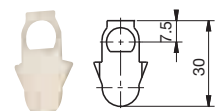
Electric panels, machinery covers

MATERIAL

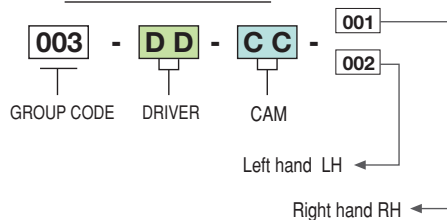
BODY : PA6 GFR 30
MECHANISM: Zamak DIN-EN 1774-ZnAl4Cu1
CAM : Steel
SEAL : Polyurethane

GROUNDING DEVICE

32003003



PRODUCT CODE



DRIVERS

5 mm Double bit	8 mm Square	9 mm Triangular
		
15	28	39

- For cams please check page: 88
- For rods please check page: 90 - 96
- For keys please check page: 98 - 99

THREE POINT LOCK - WING KNOB

103

IP 65



LH

RH



RoHS



- Wing knob, T handle and L handle available with 3 point locking.
- Optional blind version.
- Standard 25 mm x 50 mm cut out.

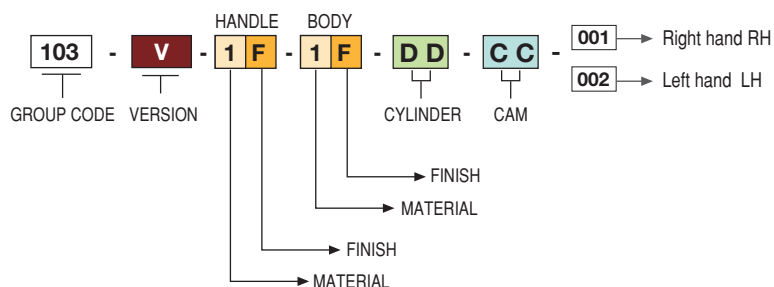
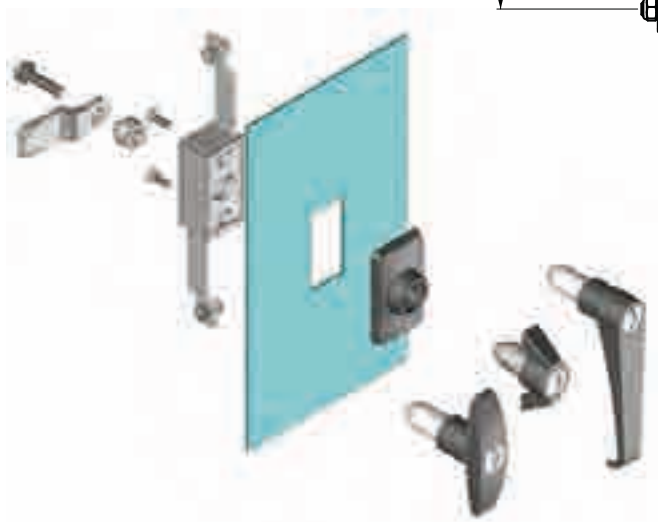
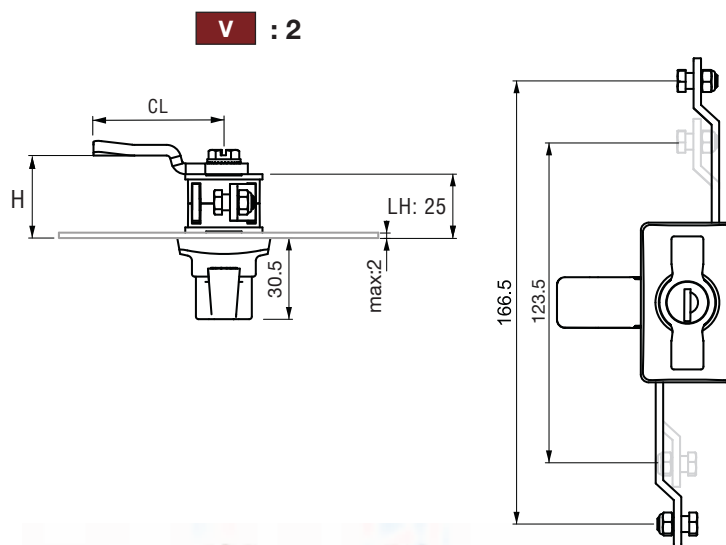
APPLICATIONS

Electric panels, machinery covers

MATERIAL

BODY : Zamak or PA6 GFR 30
 HANDLE : Zamak or PA6 GFR 30
 MECHANISM: Zamak DIN-EN 1774-ZnAl4Cu1
 CAM : Steel
 SEAL : Polyurethane

No Cylinder "00"



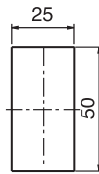
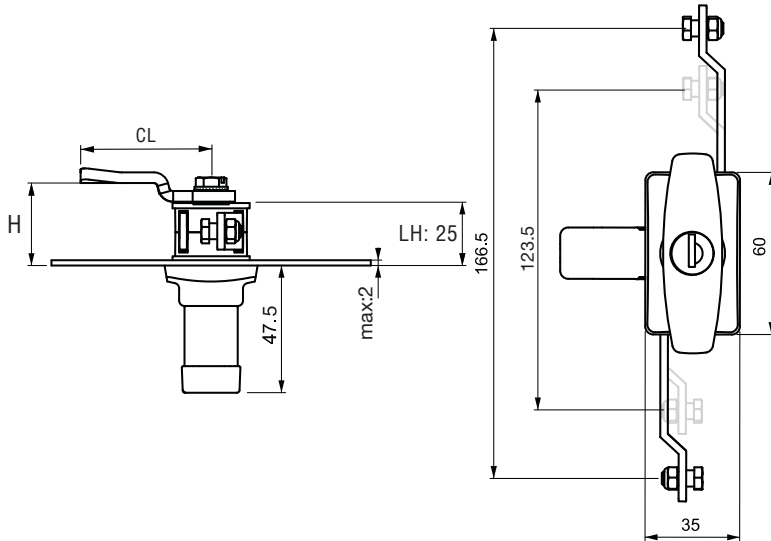
MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black Coated	2
Plastic (polyamide)	2	No Finish	0

Cylinder	SPECIFICATIONS	DD
	No Cylinder	00
	Keyed alike	01
	Keyed differ	02
	Euro key (5333)	05

For cams please check page: 88

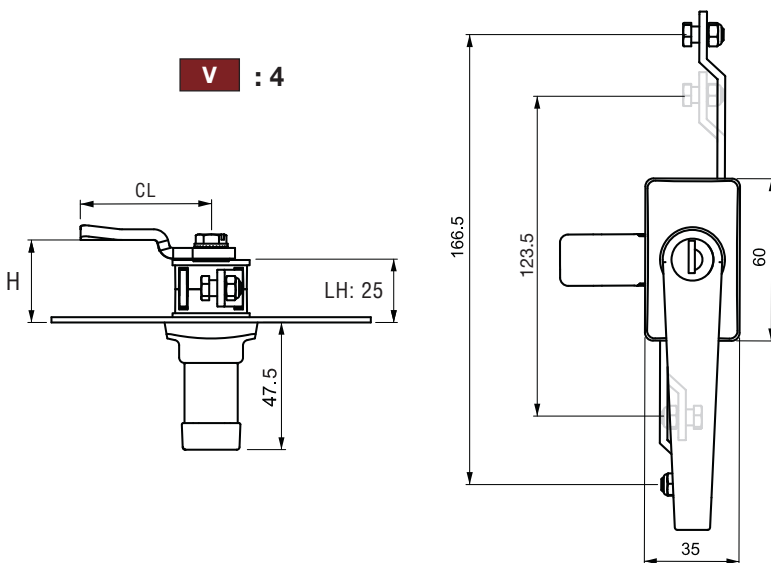
For rods please check page: 90 - 96

V : 3



Cut Out

V : 4



103

THREE POINT LOCK - " T " HANDLE



103

THREE POINT LOCK - " L " HANDLE



For cams please check page: 88

For rods please check page: 90 - 96

THREE POINT LOCK - WING KNOB

203

IP 54

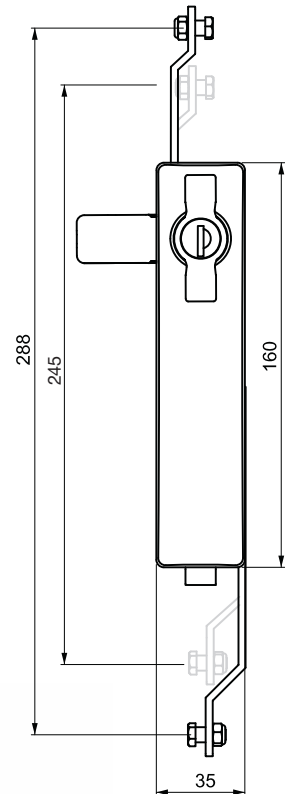
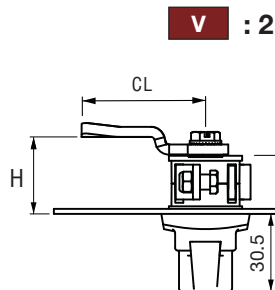


LH

RH



RoHS



Clips

- Clip fixing for easy assembly.
- Wing knob, T handle and L handle available with 3 point locking.
- Optional blind version.
- For use with doors having standard swing handle cut out.

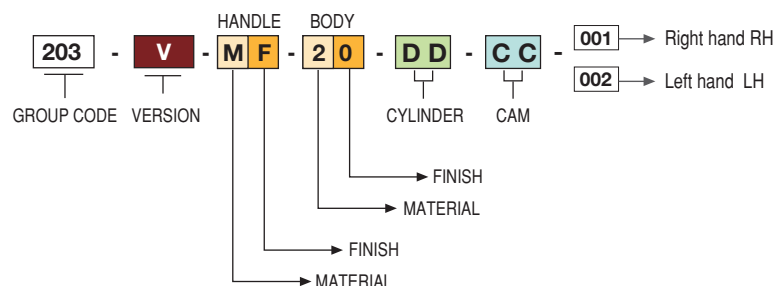
APPLICATIONS

Electric panels, machinery covers

MATERIAL

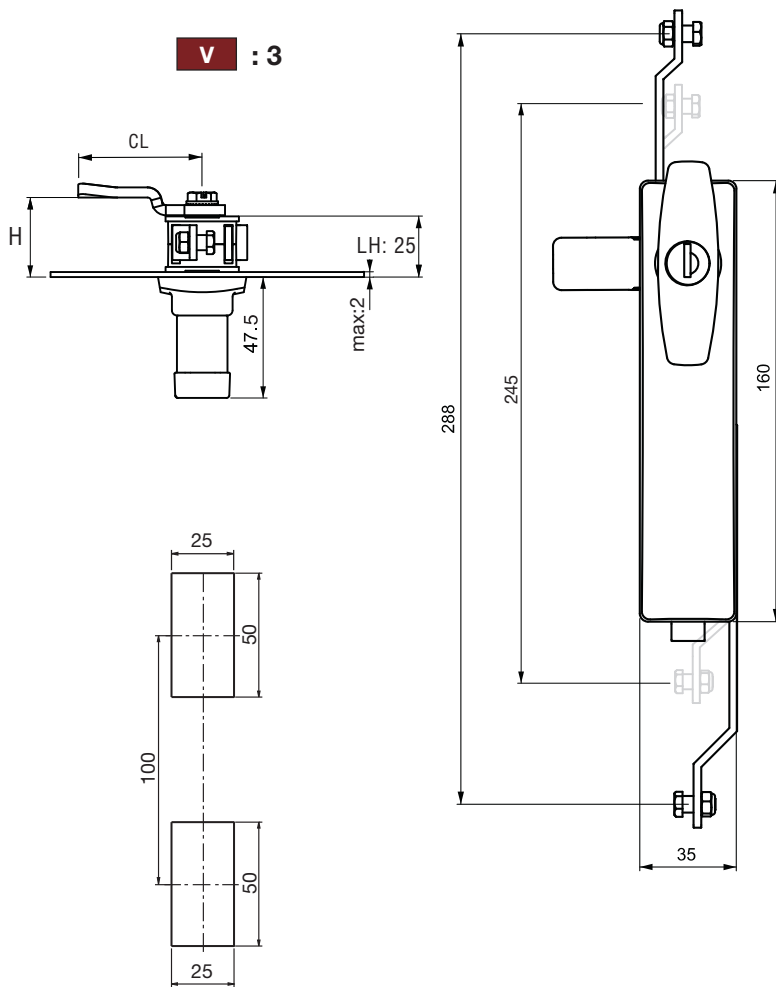
BODY : PA6 GFR 30
 HANDLE : Zamak or PA6 GFR 30
 MECHANISM : Zamak DIN-EN 1774-ZnAl4Cu1
 CAM : Steel
 SEAL : Polyurethane

No Cylinder "00"

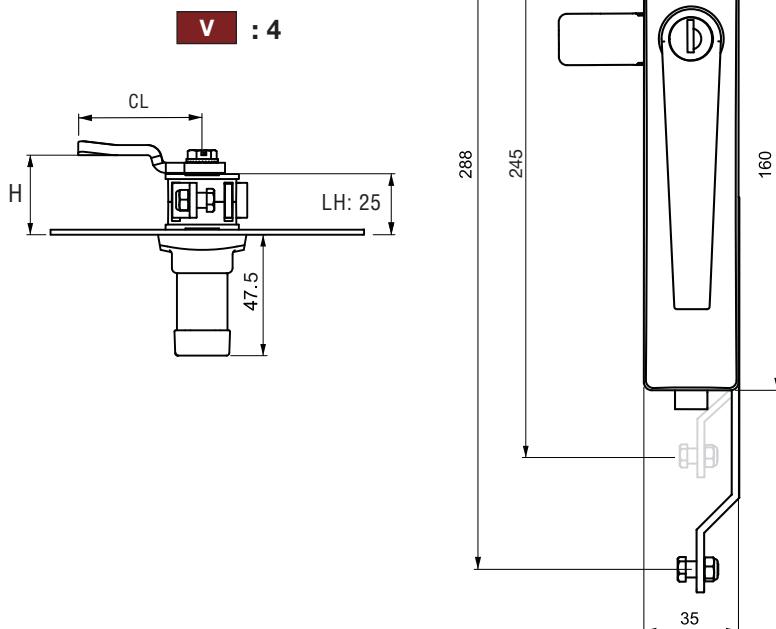


MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black Coated	2
Plastic (polyamide)	2	No Finish	0

Cylinder	SPECIFICATIONS	DD
	No Cylinder	00
	Keyed alike	01
	Keyed differ	02
	Euro key (5333)	05



Cut Out



203

THREE POINT LOCK - "T" HANDLE



203

THREE POINT LOCK - "L" HANDLE



THREE POINT LOCK

203

IP 54



LH

RH

RoHS



- Clip fixing for easy assembly.
- Integral gearbox provides 3 point locking.

APPLICATIONS

Electric panels, machinery covers

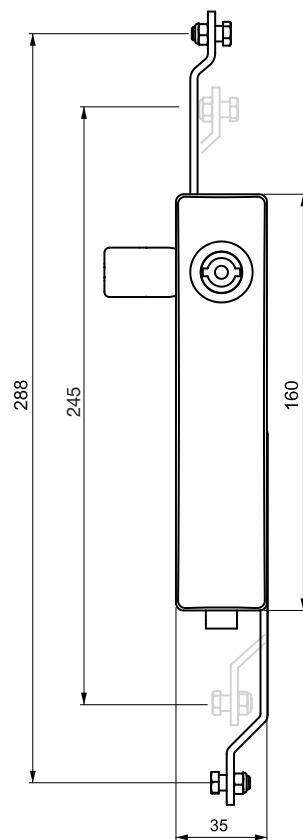
MATERIAL

BODY : PA6 GFR 30

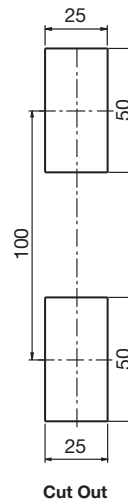
MECHANISM : Zamak DIN-EN 1774-ZnAl4Cu1

CAM : Steel

SEAL : Polyurethane



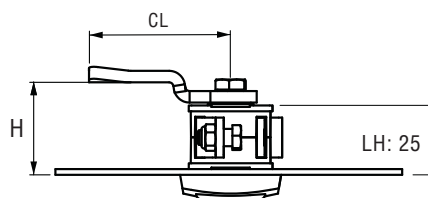
V : 5



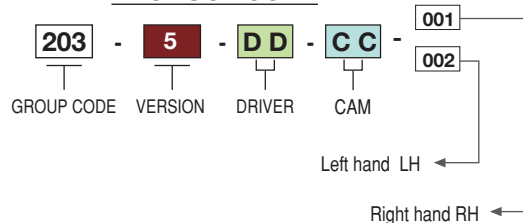
Cut Out



Clips



PRODUCT CODE

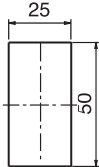


- ▶ For cams please check page: 88
- ▶ For rods please check page: 90 - 96
- ▶ For keys please check page: 98 - 99

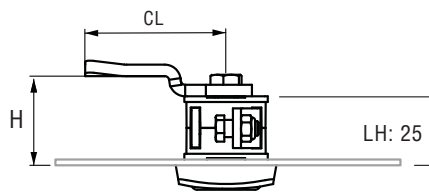
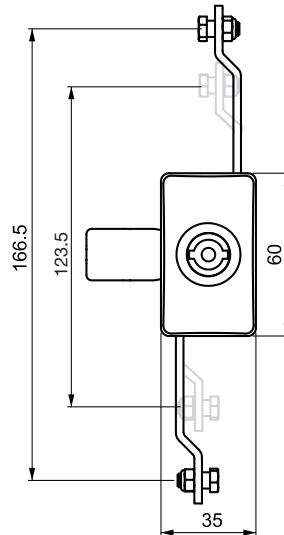
DRIVERS

5 mm Double bit	8 mm Square	9 mm Triangular
		
15	28	39

V : 5



Cut Out



103

THREE POINT LOCK

IP 65



LH

RH



RoHS



- Integral gearbox provides 3 point locking.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

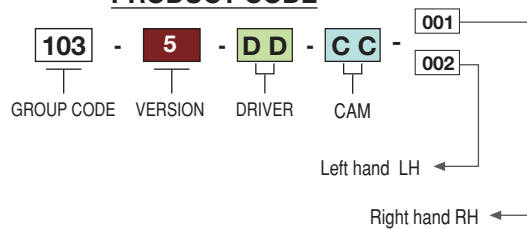
BODY : PA6 GFR 30

MECHANISM : Zamak DIN-EN 1774-ZnAl4Cu1

CAM : Steel

SEAL : Polyurethane

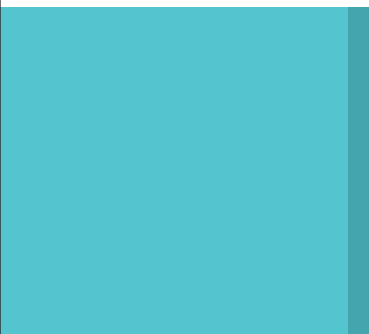
PRODUCT CODE



DRIVERS

5 mm Double bit	8 mm Square	9 mm Triangular
15	28	39

- For cams please check page: 88
- For rods please check page: 90 - 96
- For keys please check page: 98 - 99



Page

60 - 62
63
64 - 67
68
69
70



PUSH TO CLOSE LOCK

016

IP 54



LH/RH

RoHS



- Slam shut operation. Brass cam.
- Locking device is needed
- Lock can be opened from inside by moving cam.

APPLICATIONS

Generators, compressors, electric panels, machinery covers

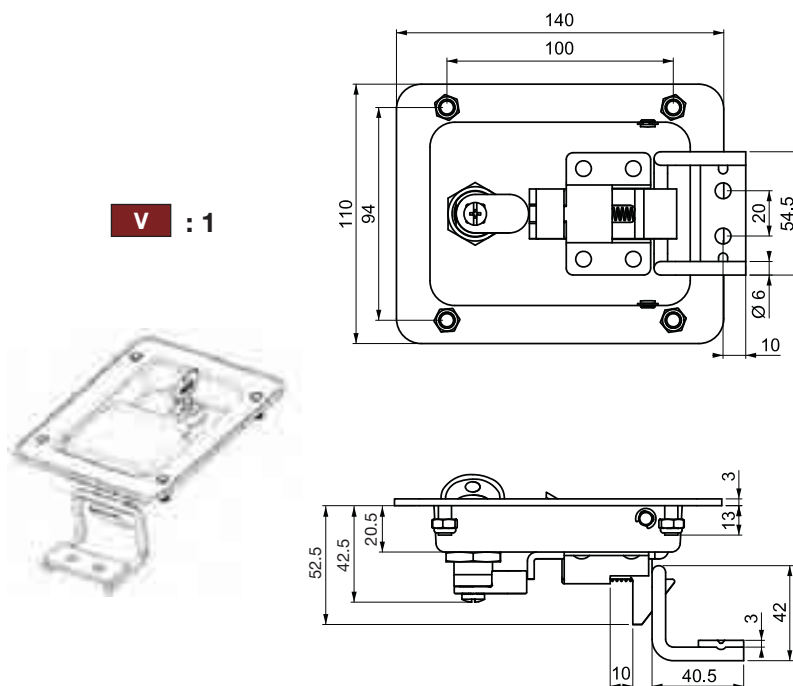
MATERIAL

BODY : Steel
HANDLE : Steel
CAM : Brass
SEAL : Polyurethane
FINISH : Black Coated



016 A7

- Catch plate. Custom sizes available from Mesan.



Cut out

PRODUCT CODE

016 - 6 - 2 - DD - V

GROUP CODE MATERIAL FINISH CYLINDER VERSION

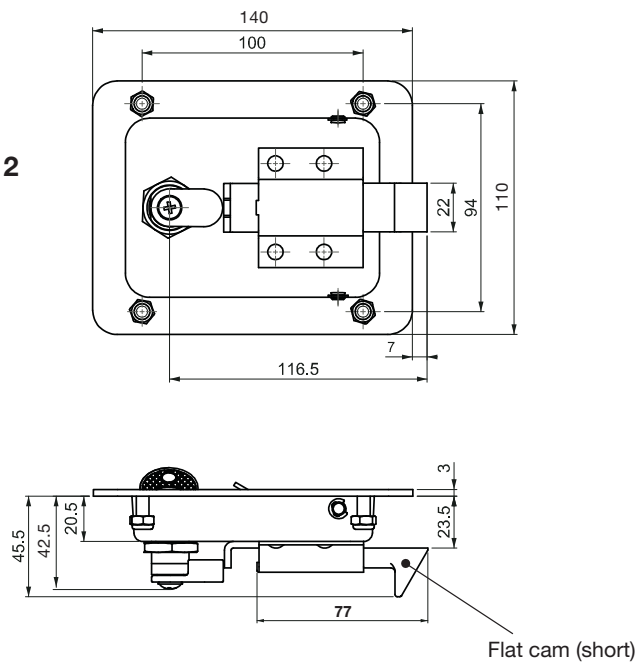
SPECIFICATIONS		DD
Stainless steel dust cap	Keyed alike	03
Stainless steel dust cap	Keyed differ	32

MATERIAL	M	FINISH	F
Steel	6	Black Coated	2

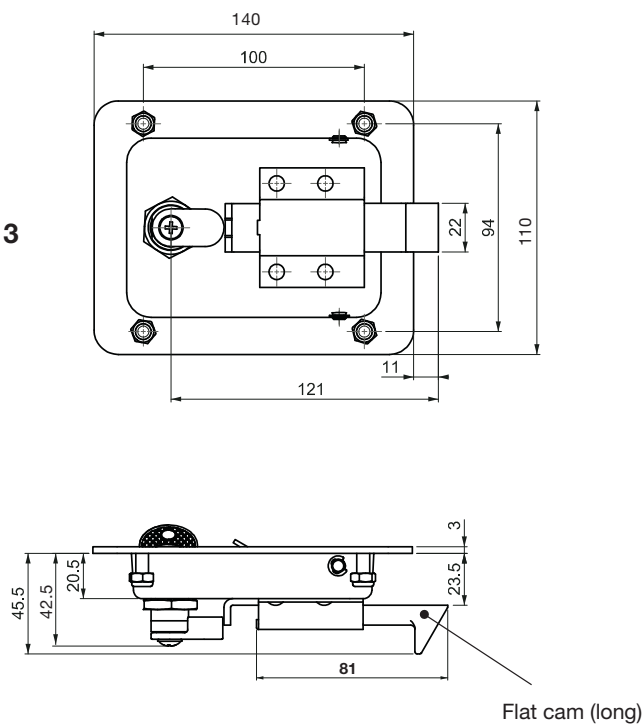
016

PUSH TO CLOSE LOCK

V : 2



V : 3



- Two types of die-cast zinc cams. No locking device needed.
- Lock can be opened from inside by moving cam.

APPLICATIONS

Generators, compressors, electric panels, machinery covers

MATERIAL

BODY : Steel
HANDLE : Steel
CAM : Zamak DIN-EN 1774-ZnAl4Cu1
SEAL : Polyurethane
FINISH : Black Coated

PUSH TO CLOSE LOCK

016

IP 54



LH/RH



RoHS



- Slam shut operation. Brass cam.
- Locking device is needed
- Lock can be opened from inside by moving cam.

APPLICATIONS

Generators, compressors, electric panels, machinery covers

MATERIAL

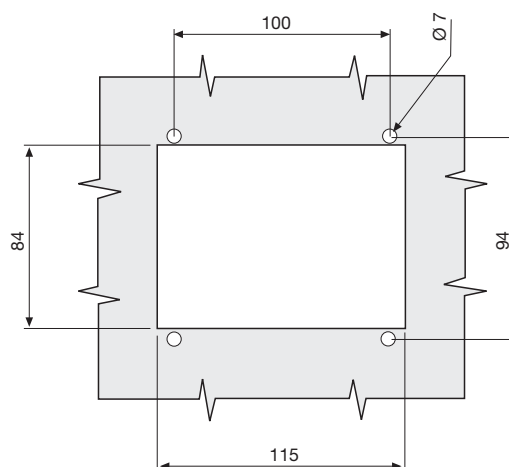
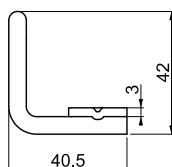
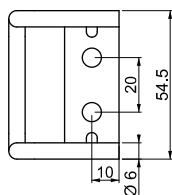
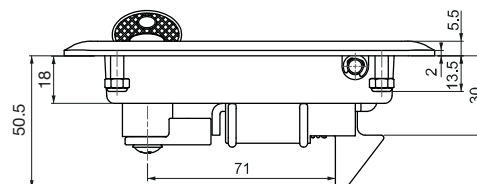
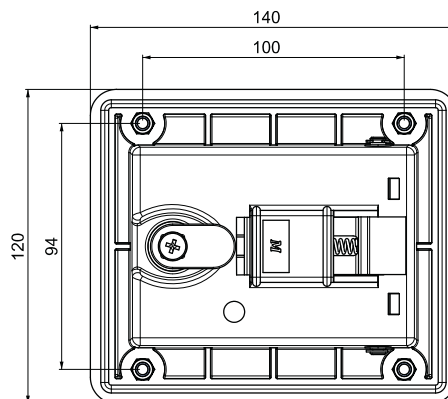
BODY : Polyamide DIN-EN ISO 1043-1 PA6 GFR 30

CAM : Brass or Delrin



016 A7

- Catch plate. Custom sizes available from Mesan.



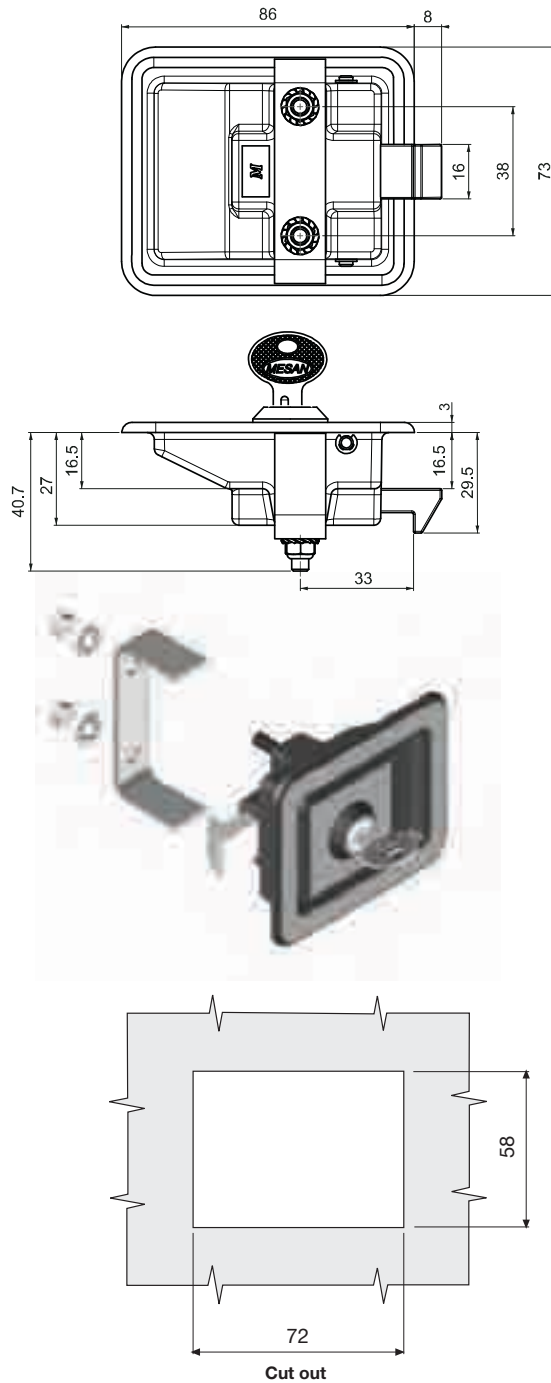
Cut out

PRODUCT CODE

016	2	0	DD	CC
GROUP CODE	MATERIAL	FINISH	CYLINDER	CAM

SPECIFICATIONS		DD
Stainless steel dust cap	Keyed alike	03
Stainless steel dust cap	Keyed differ	32

CAM	CC
Brass	01
Plastic	02



PRODUCT CODE

116 - DD
GROUP CODE CYLINDER

SPECIFICATIONS	DD
No cylinder	00
Keyed alike	01

116

PUSH TO CLOSE LOCK

IP 54



LH/RH



RoHS



- Delrin cams. No locking device needed.
- Lock can be opened from inside by moving cam.

APPLICATIONS

Generators, compressors, electric panels, machinery covers

MATERIAL

BODY : Polyamide DIN-EN ISO

1043-1 PA6 GFR 30

HANDLE : Zamak DIN-EN 1774-ZnAl4Cu1

CAM : Delrin

MOUNTING BRACKET : Steel



No cylinder "00"

'T' HANDLE HEAVY DUTY LOCK

015

V : 1

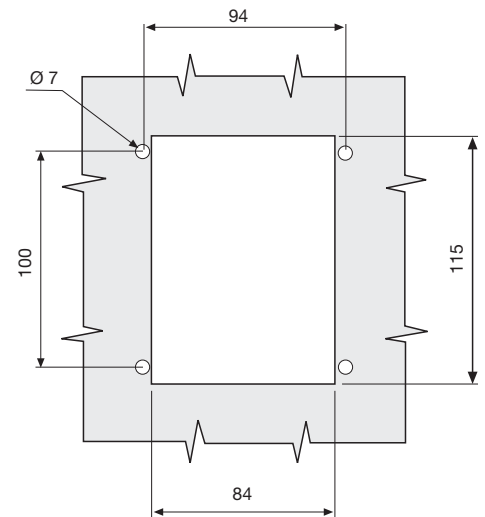
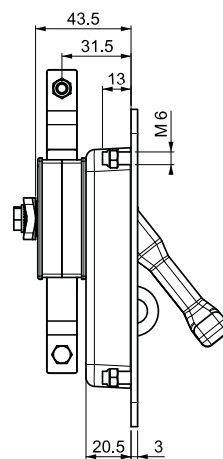
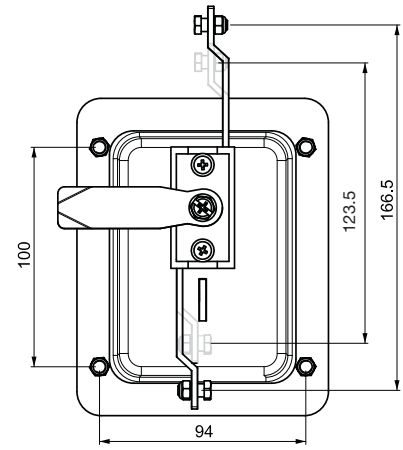
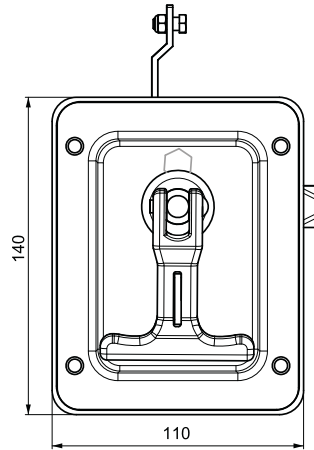
(VERTICAL)

IP 65



LH/RH

RoHS



Cut out

- Secured by padlock; high security can be achieved.
- Maximum padlock shackle diameter 9 mm.
- Horizontal and vertical versions available.
- Provides 3 point locking.

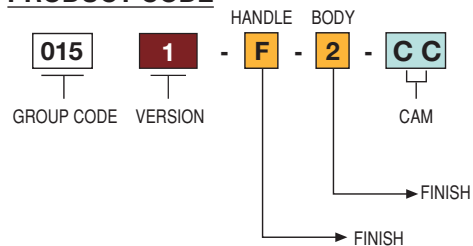
APPLICATIONS

Electricity Stations

MATERIAL

BODY : Steel
 HANDLE : Zamak DIN-EN 1774-ZnAl4Cu1
 CAM : Steel
 SEAL : Polyurethane
 FINISH HANDLE: Chrome or Black coated
 FINISH BODY : Black Coated

PRODUCT CODE

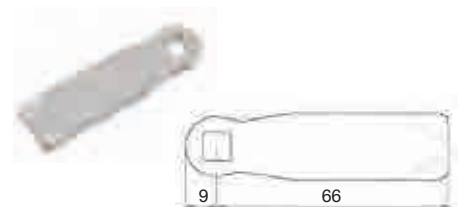


For cams please check page: 88

For rods please check page: 90 - 96

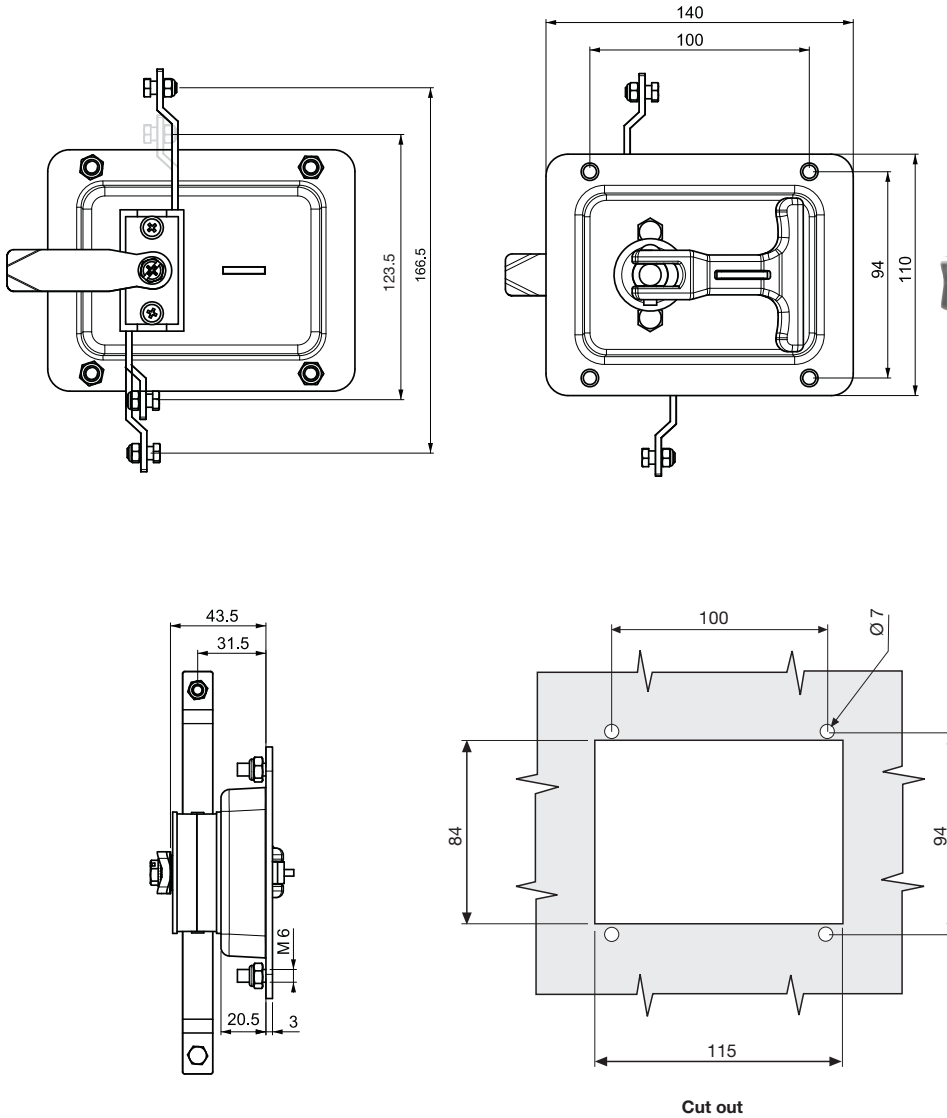
FINISH	F
Chrome	1
Black Coated	2

70	CAM (Øx66)
00	No cam



V : 2

(HORIZONTAL)


015

'T' HANDLE HEAVY DUTY LOCK



- Secured by padlock; high security can be achieved.
- Maximum padlock shackle diameter 9 mm.
- Horizontal and vertical versions available.
- Provides 3 point locking.

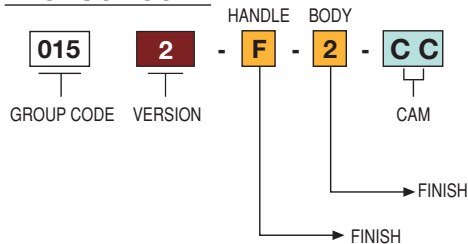
APPLICATIONS

Electricity Stations

MATERIAL

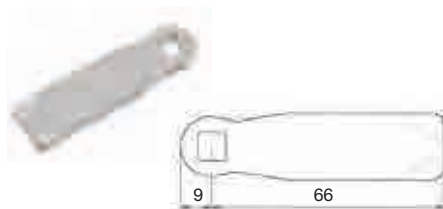
BODY : Steel
 HANDLE : Zamak DIN-EN 1774-ZnAl4Cu1
 CAM : Steel
 SEAL : Polyurethane
 FINISH HANDLE: Chrome or Black coated
 FINISH BODY : Black Coated

PRODUCT CODE



FINISH	F
Chrome	1
Black Coated	2

70	CAM (OX66)
00	No cam



For cams please check page: 88

For rods please check page: 90 - 96

'T' HANDLE HEAVY DUTY LOCK

015

V : 3

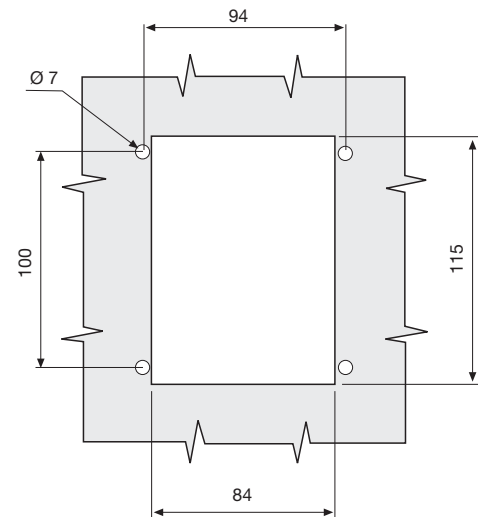
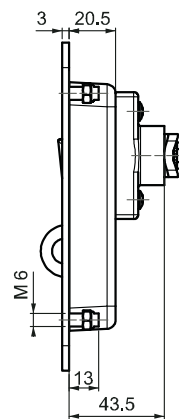
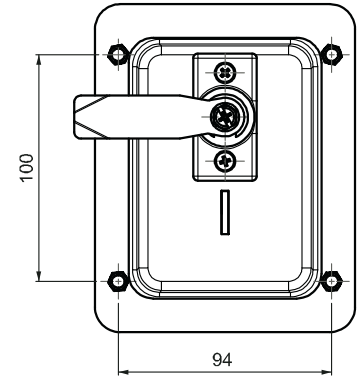
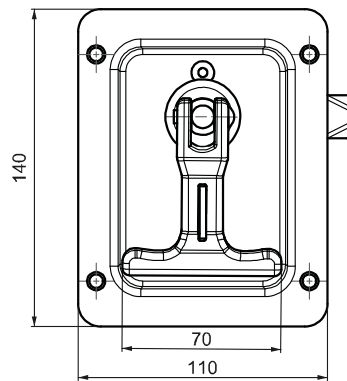
(VERTICAL)

IP 65



LH/RH

RoHS



Cut out

- Secured by padlock; high security can be achieved.
- Maximum padlock shackle diameter 9 mm.
- Horizontal and vertical versions available.

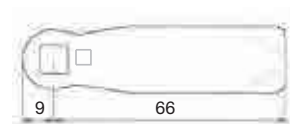
APPLICATIONS

Electricity Stations

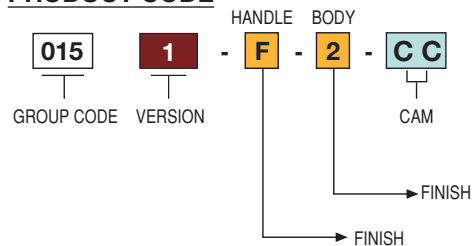
MATERIAL

BODY : Steel
 HANDLE : Zamak DIN-EN 1774-ZnAl4Cu1
 CAM : Steel
 SEAL : Polyurethane
 FINISH HANDLE : Chrome or Black coated
 FINISH BODY : Black Coated

70 CAM (OX66)



PRODUCT CODE



▶ For cams please check page: 86 - 88

▶ For rods please check page: 90 - 96

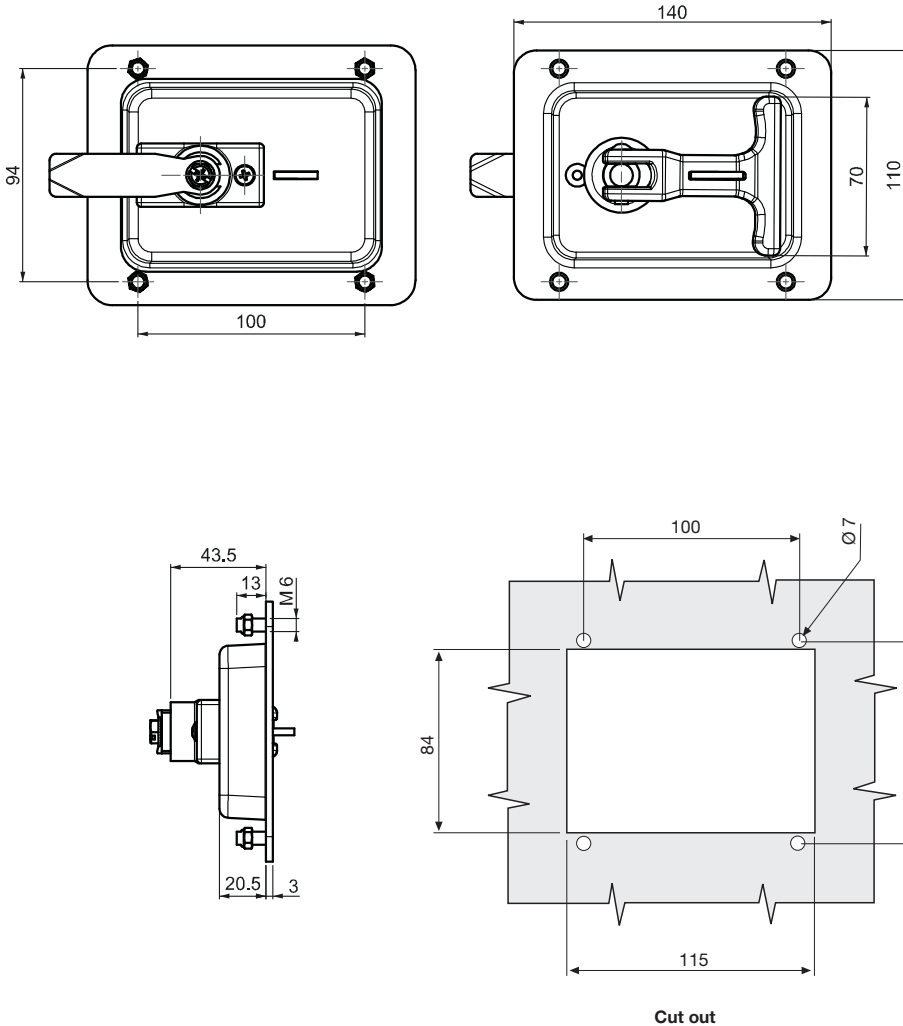
FINISH	F
Chrome	1
Black Coated	2

V : 4

(HORIZONTAL)

015

'T' HANDLE HEAVY DUTY LOCK



- Secured by padlock; high security can be achieved.
- Maximum padlock shackle diameter 9 mm.
- Horizontal and vertical versions available.

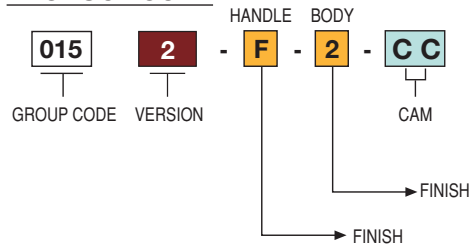
APPLICATIONS

Electricity Stations

MATERIAL

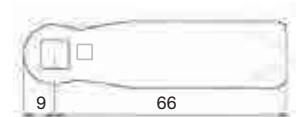
BODY : Steel
HANDLE : Zamak DIN-EN 1774-ZnAl4Cu1
CAM : Steel
SEAL : Polyurethane
FINISH HANDLE : Chrome or Black coated
FINISH BODY : Black Coated

PRODUCT CODE



FINISH	F
Chrome	1
Black Coated	2

70 CAM (0X66)



For cams please check page: 86 - 87

For rods please check page: 90 - 96

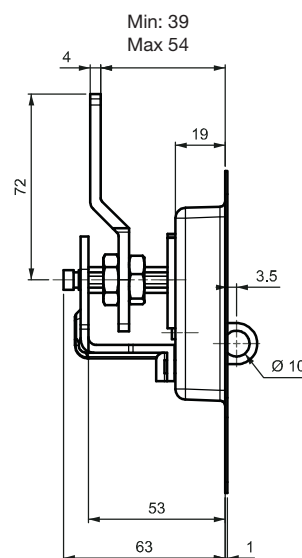
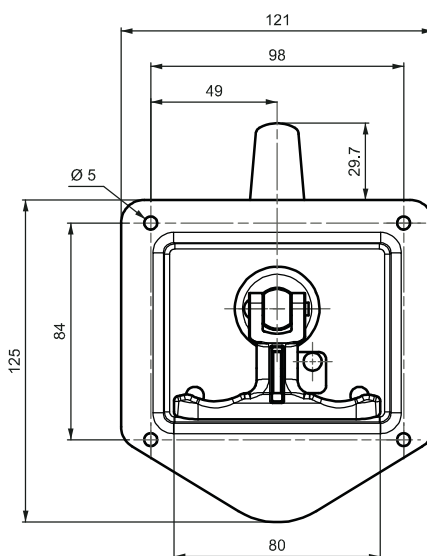
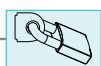
'T' HANDLE HEAVY DUTY LOCK

115

IP 65



LH/RH



- Suitable for special equipment cases .
- Adjustable cam provide different grip range.
- Maximum padlock shackle diameter 9 mm.

APPLICATIONS

Electricity stations, truck meal cabinet

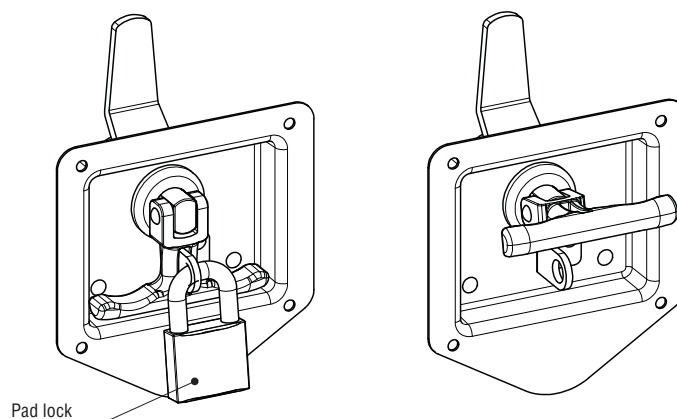
MATERIAL

BODY : Stainless Steel

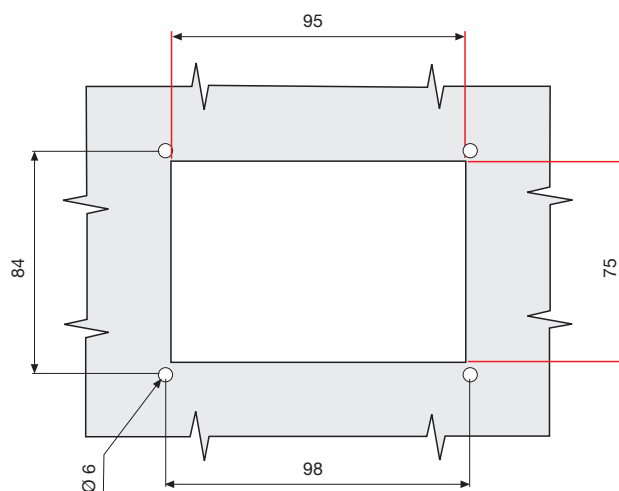
KOL : Zamak DIN-EN 1774-ZnAl4Cu1

PAD LOCK HASP : Stainless Steel

CAM : Steel



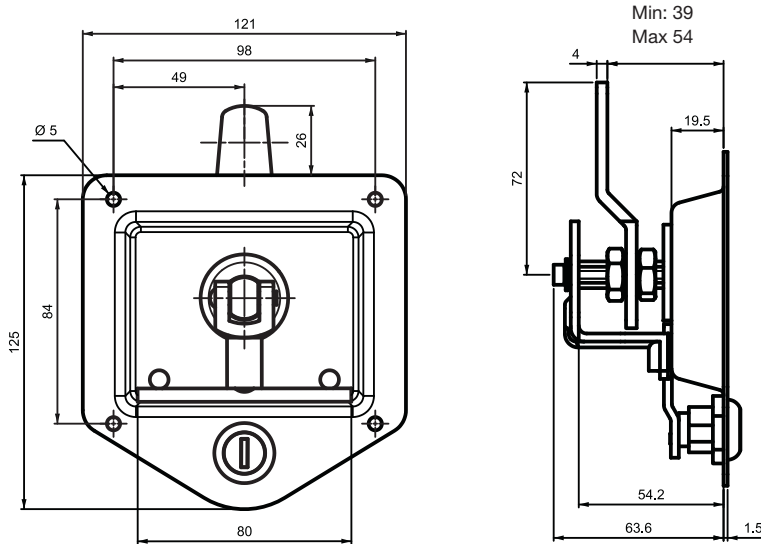
Pad lock



Cut out

215

'T' HANDLE HEAVY DUTY LOCK



IP 65



LH/RH



- Suitable for special equipment cases .
- Adjustable cam provide different grip range.

APPLICATIONS

Electricity stations, truck meal cabinet

MATERIAL

BODY : Stainless Steel
KOL : Zamak DIN-EN 1774-ZnAl4Cu1
PAD LOCK HASP : Stainless Steel
CAM : Steel

'T' HANDLE HEAVY DUTY LOCK

018

IP 65



LH/RH



RoHS



- Especially designed for medium voltage panels.
- Foam gasketing provides sealing.
- Maximum padlock shackle diameter 9 mm.
- For customized cam and color please contact to Mesan

APPLICATIONS

Electricity stations, truck trailers

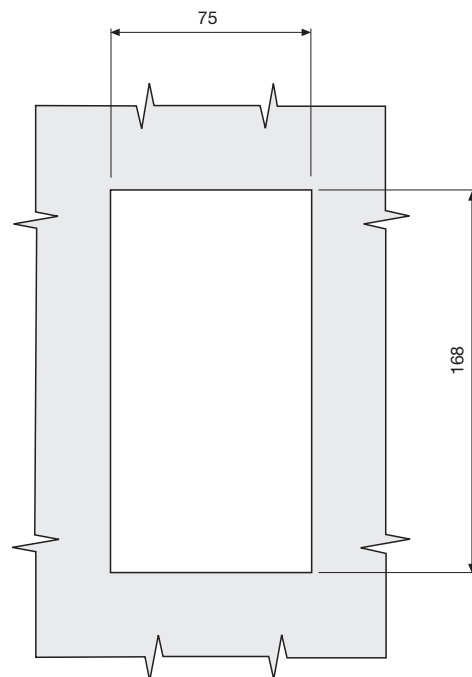
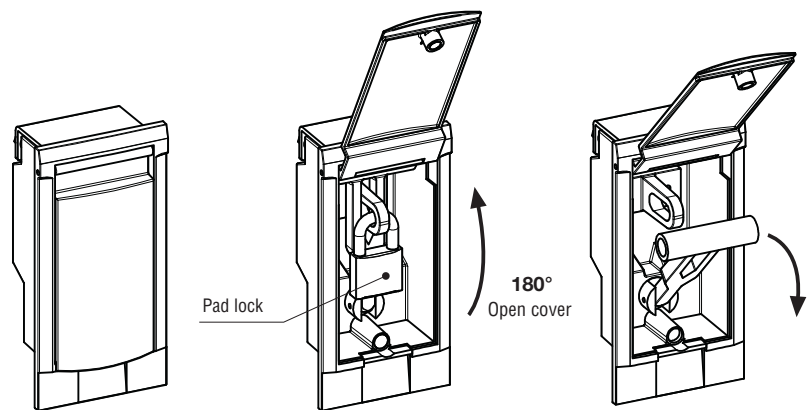
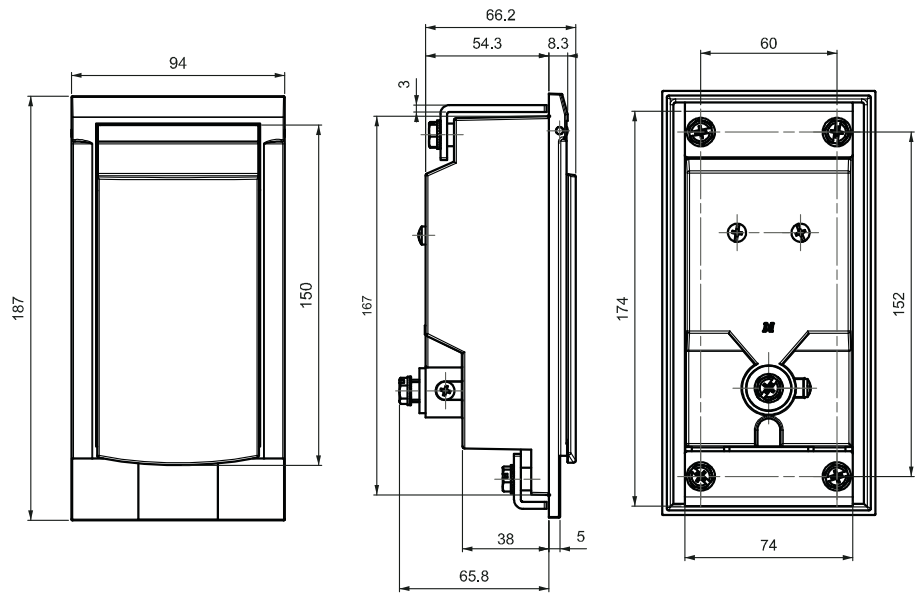
MATERIAL

BODY : Aluminium

COVER : Aluminium

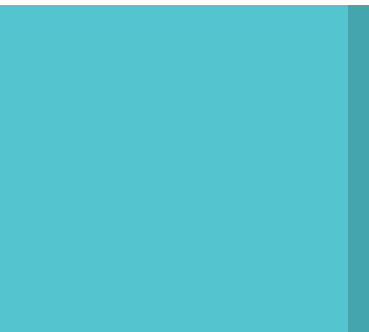
HANDLE : Zamak DIN-EN 1774-ZnAl4Cu1

PIN : Stainless Steel



Cut out

This image shows a full page of blank graph paper. The grid consists of thin, light gray horizontal and vertical lines that intersect to form small squares across the entire surface. There are no margins, text, or other markings on the paper.



Page
74
75
76
77
78
79
80 - 81
82 - 83



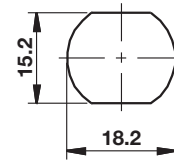
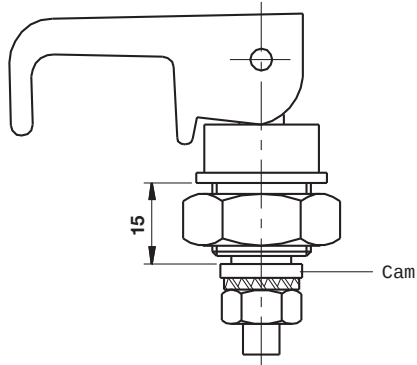
LIFT AND TURN LOCK

070



LH/RH

RoHS



Cut out

APPLICATIONS

Electric panels, machinery covers

MATERIAL

BODY : Polyamide DIN-EN ISO
1043-1 PA6 GFR 30

CAM : Steel



072

FUNCTIONAL LOCK

IP 54



LH

RH



RoHS



- Suitable for steel and polyester panels.
- Standard cut outs for both versions.
- Clip fixing version suitable for panels with thickness of 0.8mm to 2mm.

APPLICATIONS

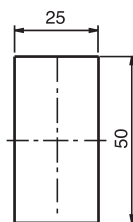
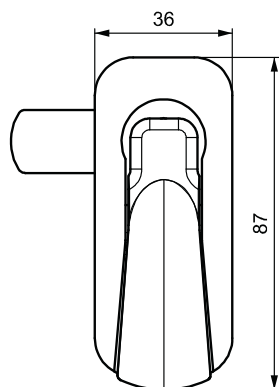
Electric panels, machinery covers

MATERIAL

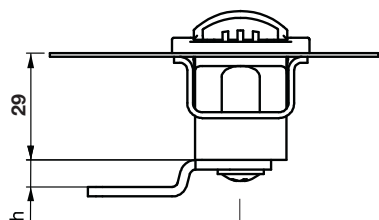
BODY : Polyamide DIN-EN ISO

1043-1 PA6 GFR 30

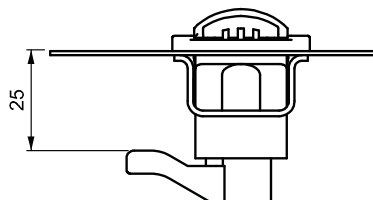
CAM : Steel or PA6 GFR 30



Cut out



Steel cam



Plastic cam
CC: 80

V : 1



V : 2

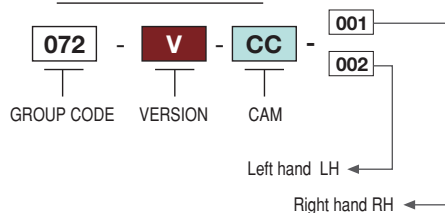
Clip-in fixing



DT	
Min	Max
0.8mm	2 mm

DT (Door thickness)

PRODUCT CODE



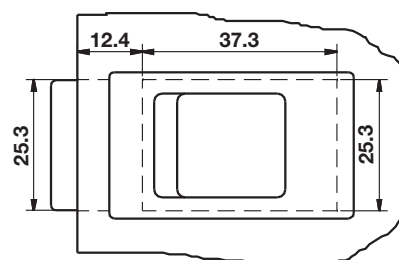
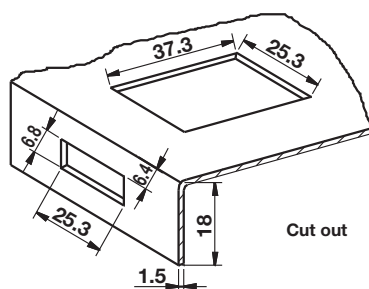
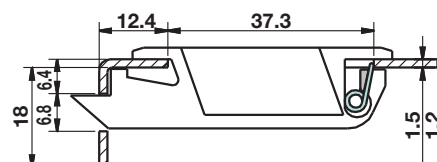
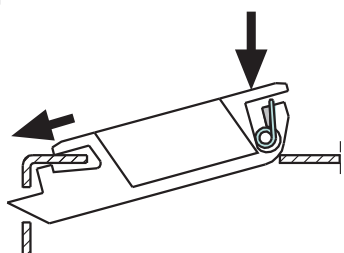
For cams please check page: 89

SLIDING LOCK

071



LH/RH



- ✧ Easy fixing. Long lasting stainless steel spring.
- ✧ Suitable for panel thicknesses of 0.8mm to 1.5mm.

APPLICATIONS

Small metal machinery covers

MATERIAL

BODY: ABS

SPRING: Stainless Steel

PRODUCT CODE

071

-

V

GROUP CODE VERSION

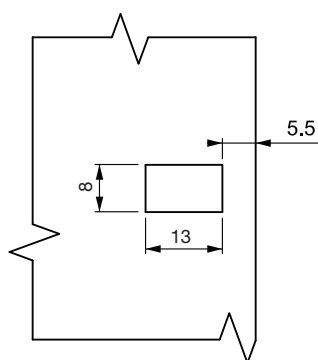
SPECIFICATIONS	VERSION
For 0.8 - 1.2 thickness panel	12
For 1.2 - 1.5 thickness panel	15

171

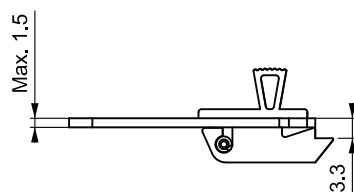
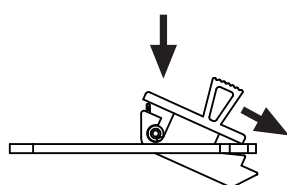
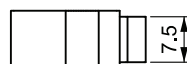
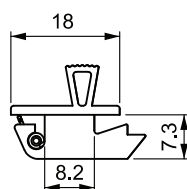
MINI SLIDING LOCK



LH/RH



Cut out



Door thickness	
Min	Max
0.8 mm	1.5 mm

- ¥ Suitable for small doors inside panels
- ¥ Suitable for panel thicknesses of 0.8 mm to 1.5 mm.

APPLICATIONS

Small metal machinery covers

MATERIAL

BODY: ABS

SPRING: Stainless Steel

PANEL LOCK WITH HEXAGONAL HEAD

075



LH/RH

RoHS

APPLICATIONS

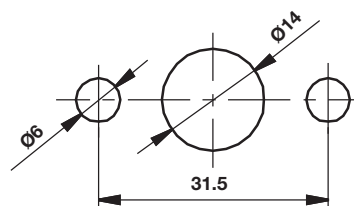
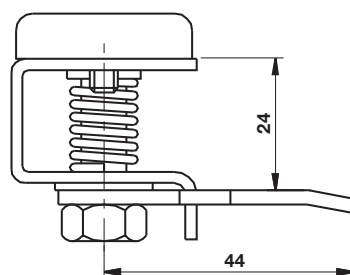
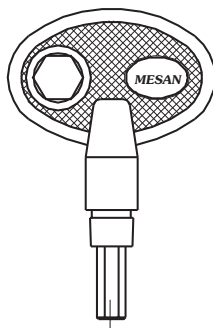
Electric panels, machinery covers

MATERIAL

BODY : Steel

CAM : Steel

COVER : Polietilen



Cut out

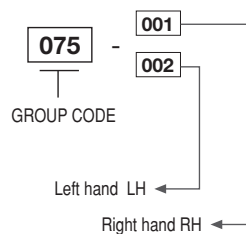


ALLEN KEY

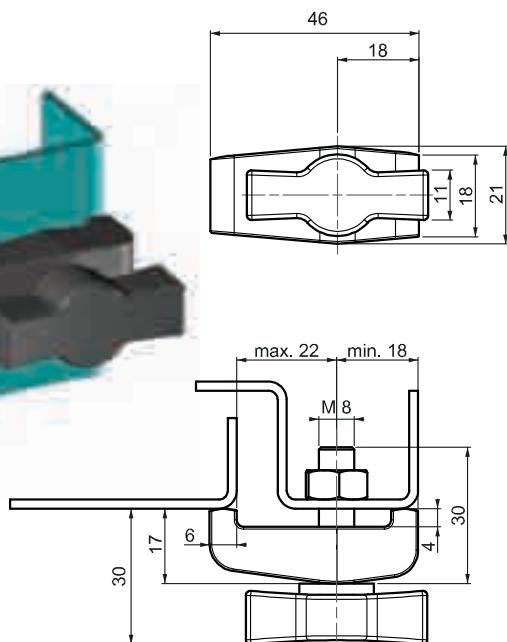
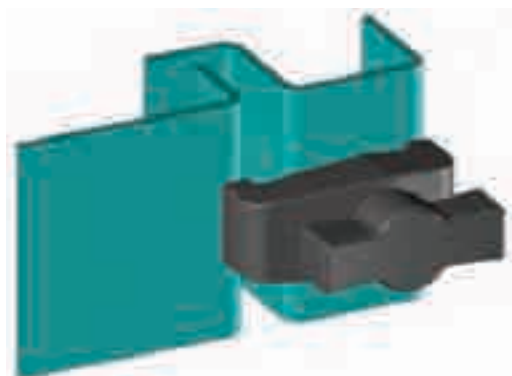
169-66



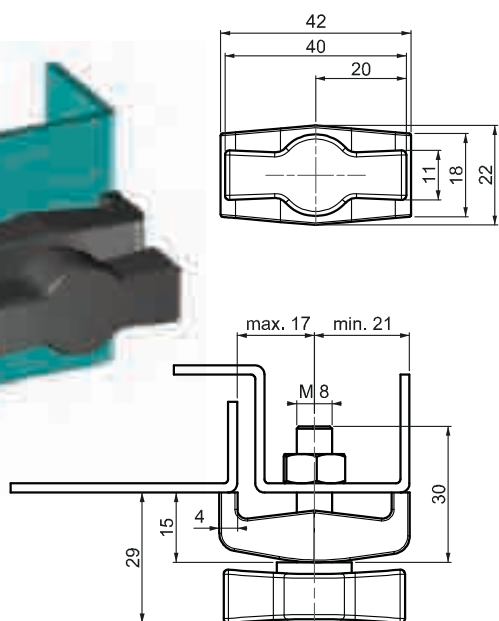
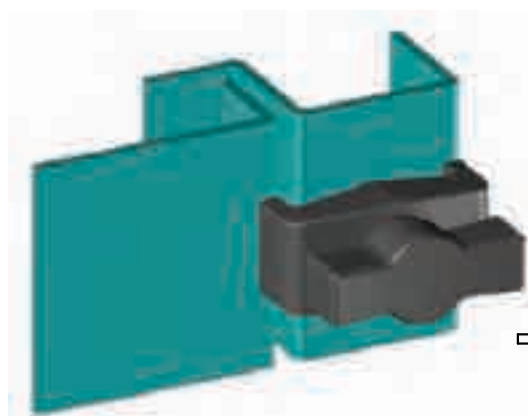
PRODUCT CODE



V : 1



V : 2



462

BRIDGE CLAMP SYSTEM

LH/RH

RoHS



APPLICATIONS
Heating and ventilation panels

MATERIAL
HOUSING : PA6 GFR 30
KNOB : PA6 GFR 30
SCREW : Steel

PRODUCT CODE

462 - **V**
GROUP CODE VERSION

HVAC LOCK

012

New



LH/RH

RoHS



- Removable handle provides easy assembly on site.
- Roller cam requires lower forces for locking.
- Cylinder and without cylinder versions are available.
- Can be used for different door thicknesses.
- Internal handle is available for opening the door from inside for safety purposes.

APPLICATIONS

Heating and ventilation panels

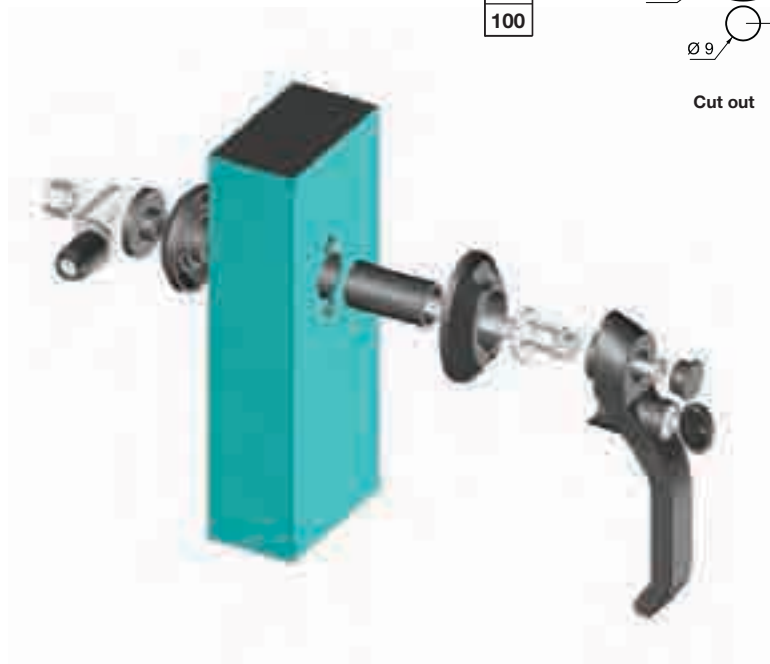
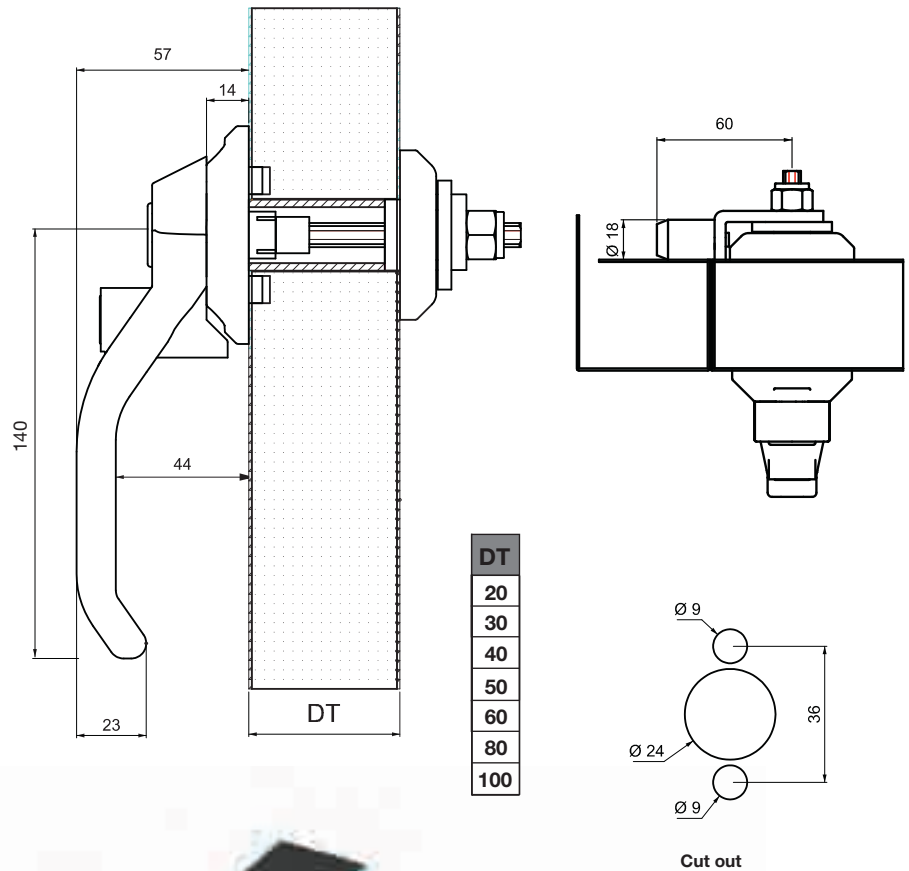
MATERIAL

BODY : Polyamide DIN-EN ISO
1043-1 PA6 GFR 30

KOL : Polyamide DIN-EN ISO
1043-1 PA6 GFR 30

CAM : Steel

ADJUSTABLE SCREW : Brass



No Cylinder "00"

PRODUCT CODE

012 - 1 - DT - DD - 01

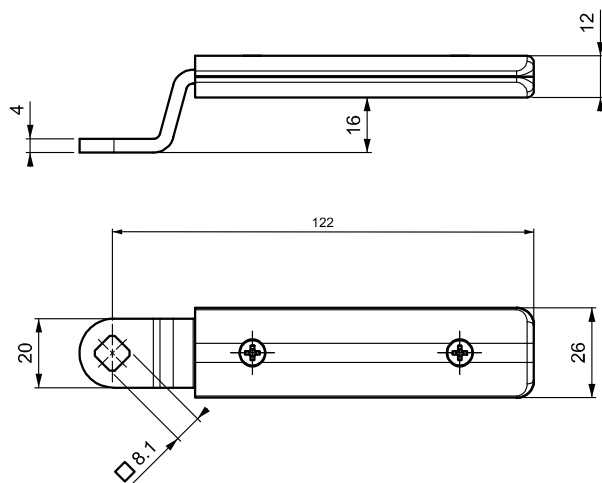
GROUP CODE VERSION DOOR THICKNESS CYLINDER CAM

Cylinder	SPECIFICATIONS	DD
	No Cylinder	00
	Keyed alike	01
	Keyed differ	02
	Euro key (5333)	05

012 A1

INTERNAL SAFETY HANDLE

New



- Internal safety handle can only be used when the external handle is at unlocking position.
- Internal safety handle is optional accessory

MATERIAL

Polyamide DIN-EN ISO 1043-1 PA6 GFR 30 and steel



COMPRESSION LOCK

077

New



LH/RH

RoHS



- With cylinder or without cylinder versions.
- 24-46 mm grip adjustment is possible
- Suitable for max 2 mm door thickness
- Assembly of the lock can be made with one fixing bracket

APPLICATIONS

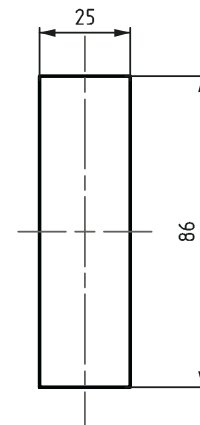
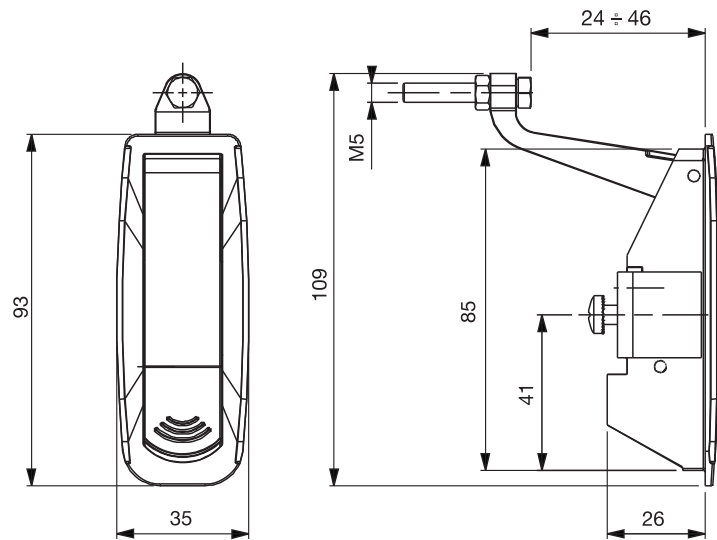
Generators, compressor electric panels, machinery covers

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1

HANDLE : Zamak DIN-EN 1774-ZnAl4Cu1

V : 1



Cut out

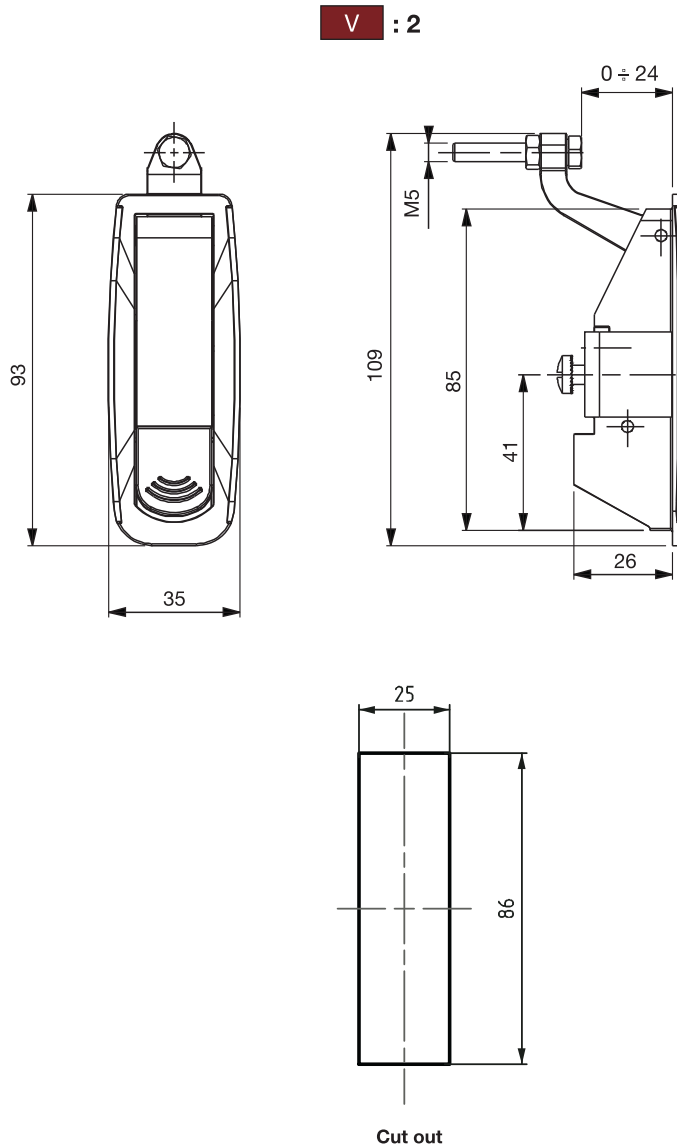
PRODUCT CODE

077 - 1 - F - DD

GROUP CODE VERSION FINISH CYLINDER

FINISH	F
Chrome	1
Black Coated	2

SPECIFICATIONS	DD
No Cylinder	00
Keyed alike	01
Keyed differ	02



077

COMPRESSION LOCK

New



LH/RH

RoHS



- With cylinder or without cylinder versions.
- 0-24 mm grip adjustment is possible
- Suitable for max 2 mm door thickness
- Assembly of the lock can be made with one fixing bracket

PRODUCT CODE

077 - **2** - **F** - **DD**

GROUP CODE VERSION FINISH CYLINDER

FINISH	F
Chrome	1
Black Coated	2

SPECIFICATIONS	DD
No Cylinder	00
Keyed alike	01
Keyed differ	02

APPLICATIONS

Generators, compressor electric panels, machinery covers

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1
HANDLE : Zamak DIN-EN 1774-ZnAl4Cu1

Product name
Cams with stopper
Cams without stopper
Other cams
Round rods and accessories
Flat rods and accessories
Actuator plates
Keys

Page

86 - 87

88

89

90 - 96

90 - 96

97

98 - 99



Cams with stopper

> LOCKS

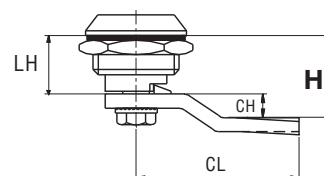
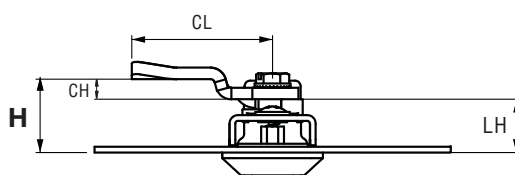
GROUP CODE	101	501	006	008	108	208	218	308	318	060	062	262	362	064	161	261	361	561	103	203	063	065	110	111
LH (mm)	18	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	30 40 50 60	18.5	18.5	18.5	18.5	18.5	18.5	20	18.5	18.5	18.5

H : Grip

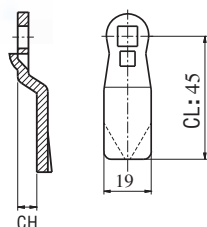
LH : Height of housing

CL : Cam length

CH : Cam height

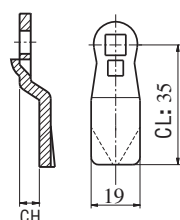


Cam
1
MATERIAL : Steel
FINISH : Zinc plated
THICKNESS : 4 mm



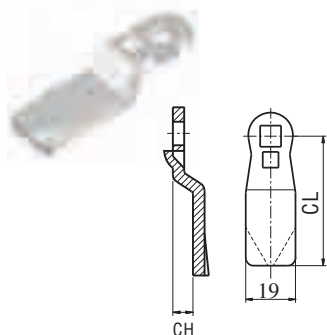
Stock code	CC	CH	CL	LH : 18 H	LH : 18.5 H	LH : 20 H	LH : 30 H	LH : 40 H	LH : 50 H	LH : 60 H
30403033	30	0	45	18	18.5	20	30	40	50	60
30403063	31	3	45	21	21.5	23	33	43	53	63
30403149	33	4	45	22	22.5	24	34	44	54	64
30403160	34	6	45	24	24.5	26	36	46	56	66
30403161	36	8	45	26	26.5	28	38	48	58	68
30403162	47	10	45	28	28.5	30	40	50	60	70
30403045	44	12	45	30	30.5	32	42	52	62	72
30403163	48	14	45	32	32.5	34	44	54	64	74
30403151	49	16	45	34	34.5	36	46	56	66	76
30403165	55	18	45	36	36.5	38	48	58	68	78
30403166	56	20	45	38	38.5	40	50	60	70	80
30403167	57	22	45	40	40.5	42	52	62	72	82
30403168	58	24	45	42	42.5	44	54	64	74	84
30403169	37	-2	45	16	16.5	18	28	38	48	58
30403170	38	-4	45	14	14.5	16	26	36	46	56
30403171	39	-6	45	12	12.5	14	24	34	44	54
30403172	59	-8	45	10	10.5	12	22	32	42	52
30403173	60	-10	45	8	8.5	10	20	30	40	50
30403174	61	-12	45	6	6.5	8	18	28	38	48
30403175	62	-14	45	4	4.5	6	16	26	36	46

Cam
2
MATERIAL : Steel
FINISH : Zinc plated
THICKNESS : 4 mm

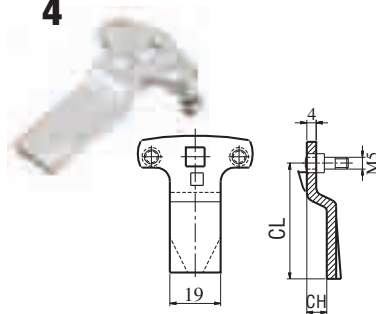


Stock code	CC	CH	CL	LH : 18 H	LH : 18.5 H	LH : 20 H	LH : 30 H	LH : 40 H	LH : 50 H	LH : 60 H
30403187	11	-2	35	16	16.5	18	28	38	48	58
30403185	12	0	35	18	18.5	20	30	40	50	60
30403186	13	2	35	20	22.5	22	32	42	52	62
30403188	14	4	35	22	22.5	24	34	44	54	64
30403470	15	6	35	24	24.5	26	36	46	56	66
30403471	16	7	35	25	25.5	27	37	47	57	67
30403189	23	10	35	28	28.5	30	40	50	60	70
30403046	52	26	35	44	44.5	46	56	66	76	86

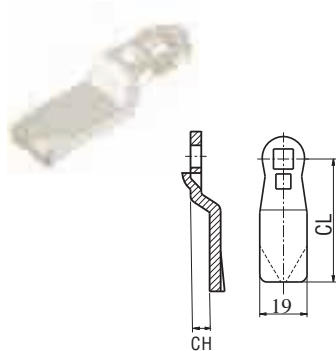
Cams with stopper

Cam **3** MATERIAL : Steel


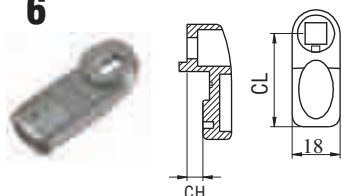
Stock code	CC	CH	CL	LH : 18	LH : 18.5	LH : 20	LH : 30	LH : 40	LH : 50	LH : 60
				H	H	H	H	H	H	H
30403031	10	0	29	18	18.5	20	30	40	50	60
30403032	20	0	38	18	18.5	20	30	40	50	60
30403036	70	0	66	18	18.5	20	30	40	50	60
30403034	40	0	51	18	18.5	20	30	40	50	60
30403037	21	3	38	21	21.5	23	33	43	53	63
30403038	41	3	51	21	21.5	23	33	43	53	63
30403129	22	6	37	24	24.5	26	36	46	56	66
30403039	32	7	44	25	25.5	27	37	47	57	67
30403040	42	7	49	25	25.5	27	37	47	57	67
30403043	43	10	48	28	28.5	30	40	50	60	70

Cam **4** MATERIAL : Steel


Stock code	CC	CH	CL	LH : 18	LH : 18.5	LH : 20	LH : 30	LH : 40	LH : 50	LH : 60
				H	H	H	H	H	H	H
30403140	03	0	51	18	18.5	20	30	40	50	60
30403522	06	0	45	18	18.5	20	30	40	50	60
30403047	01	7	49	25	25.5	27	37	47	57	67
30403524	07	2	45	20	20.5	22	32	42	52	62
30403526	08	3	45	21	21.5	23	33	43	53	63
30403528	09	4	45	22	22.5	24	34	44	54	64
30403530	10	5	45	23	23.5	25	35	45	55	65
30403532	11	6	45	24	24.5	26	36	46	56	66
30403534	12	7	45	25	27.5	27	37	47	57	67
30403147	02	12	46	30	30.5	32	42	52	62	72
30403536	13	14	45	32	32.5	34	44	54	64	74

Cam **5** MATERIAL : Stainless Steel


Stock code	CC	CH	CL	LH : 18	LH : 18.5	LH : 20	LH : 30	LH : 40	LH : 50	LH : 60
				H	H	H	H	H	H	H
30405004	30	0	45	18	18.5	20	30	40	50	60
30405003	40	0	51	18	18.5	20	30	40	50	60
30405159	35	2	45	20	20.5	22	32	42	52	62
30405063	31	3	45	21	21.5	23	33	43	53	63
30405149	33	4	45	22	22.5	24	34	44	54	63
30405160	34	6	45	24	24.5	26	36	46	56	66
30405040	42	7	49	25	25.5	27	37	47	57	67
30405006	36	8	45	26	26.5	28	38	48	58	68
30405162	47	10	45	28	28.5	30	40	50	60	70
30405045	44	12	45	30	30.5	32	42	52	62	72

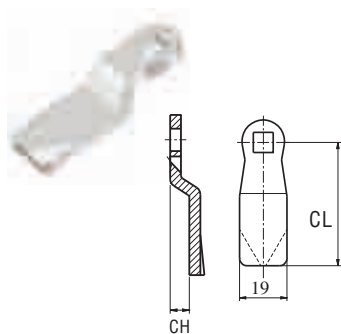
Cam **6** MATERIAL : Plastic


Stock code	CC	CH	CL	LH : 18	LH : 18.5	LH : 20	LH : 30	LH : 40	LH : 50	LH : 60
				H	H	H	H	H	H	H
30402004	90	0	35	18	18.5	20	30	40	50	60
30402011	93	0	25	18	18.5	20	30	40	50	60
30402005	91	6	35	24	24.5	26	36	46	56	66
30402008	92	4	45	22	22.5	24	34	44	54	64
30402013	94	-4	45	14	14.5	16	26	36	46	56

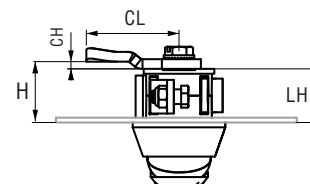
Cams without stopper

GROUP CODE	001	002	102	402	502	003	103	203	007	109	209	219	309	319	040
LH :	18.5	25	25	25	25	25	25	25	25	25	20	20	20	20	32

Cam **1**
MATERIAL : Steel
FINISH : Zinc plated
THICKNESS : 4 mm



Stock code	CC	CH	CL	LH : 18.5 H	LH : 20 H	LH : 25 H	LH : 32 H
30403006	10	0	29	18.5	20	25	32
30403130	20	0	38	18.5	20	25	32
30403117	30	0	45	18.5	20	25	32
30403003	40	0	51	18.5	20	25	32
30403005	70	0	66	18.5	20	25	32
30403064	21	3	38	21.5	23	28	35
30403054	31	3	45	21.5	23	28	35
30403141	41	3	51	21.5	23	28	35
30403138	22	6	37	24.5	26	31	38
30403128	34	6	45	24.5	26	31	38
30403073	32	7	44	25.5	27	32	39
30403002	42	7	49	25.5	27	32	39
30403004	43	10	48	28.5	30	35	42
30403123	44	12	45	30.5	32	37	44



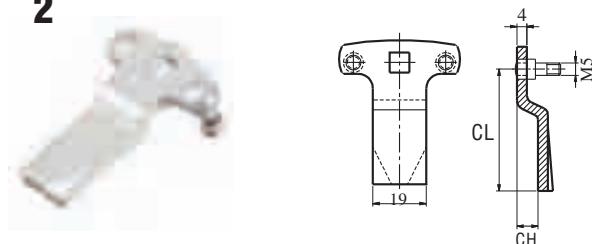
H : Grip

LH : Height of housing

CL : Cam length

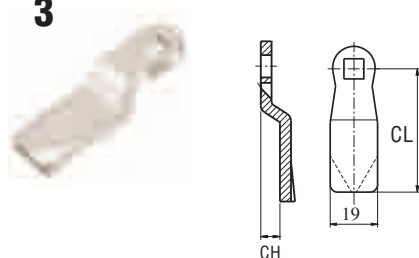
CH : Cam height

Cam **2**
MATERIAL : Steel



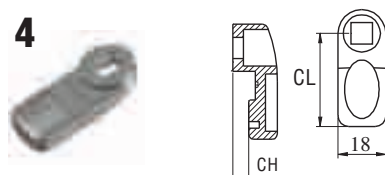
Stock code	CC	CH	CL	LH : 18.5 H
30403135	03	0	51	18.5
30403523	06	0	45	18.5
30403001	01	7	49	25.5
30403525	07	2	45	20.5
30403527	08	3	45	21.5
30403529	09	4	45	22.5
30403531	10	5	45	23.5
30403533	11	6	45	24.5
30403535	12	7	45	25.5
30403068	02	12	46	30.5
30403537	13	14	45	32.5

Cam **3**
MATERIAL : Stainless Steel



Stock code	CC	CH	CL	LH : 18.5 H	LH : 20 H	LH : 25 H
30405117	30	0	45	18.5	20	25
30405010	40	0	51	18.5	20	25
30405012	35	2	45	20.5	22	27
30405013	31	3	45	21.5	23	28
30405015	34	6	45	24.5	26	31
30405001	42	7	49	25.5	27	32
30405016	36	8	45	26.5	28	33
30405017	47	10	45	28.5	30	35
30405018	44	12	45	30.5	32	37

Cam **4**
MATERIAL : Plastic



Stock code	CC	CH	CL	LH : 18.5 H	LH : 20 H	LH : 25 H
30402002	90	0	35	18.5	20	25
30402010	93	0	25	18.5	20	25
30402007	92	4	45	22.5	24	29
30402003	91	6	35	24.5	26	31
30402014	94	-4	45	14.5	16	21

Other cams

LOCKS

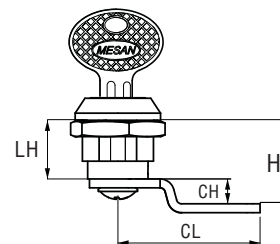
H : Grip

LH : Height of housing

CL : Cam length

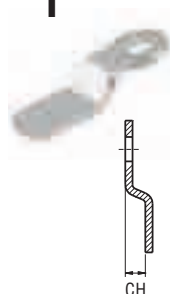
CH : Cam height

GROUP CODE	050	150	250	072	066	166	057	055
LH :	16,5 20 25 30	20	20	29	13.5	13.5	13.5	20 32
Cam	1-2	1	1	1	3	3	4	1



Cam **MATERIAL** : Steel

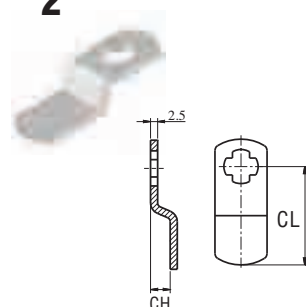
1



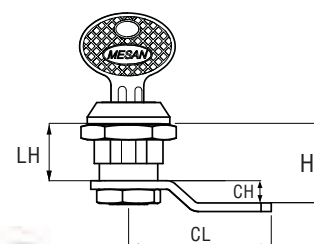
Stock code	CC	CH	CL	LH : 16.5 H	LH : 20 H	LH : 25 H	LH : 29 H	LH : 30 H	LH : 32 H
30403124	50	0	43	16.5	20	25	29	30	32
31403010	56	0	23	16.5	20	25	29	30	32
31403011	30	0	33	16.5	20	25	29	30	32
30403157	57	3	48	19.5	23	28	32	33	35
30403125	51	7	40	23.5	27	32	36	37	39
30403110	52	10	37	26.5	30	35	39	40	42
30403111	53	14	33	30.5	34	39	43	44	46

Cam **MATERIAL** : Steel

2



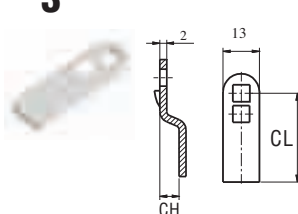
Stock code	CC	CH	CL	LH : 16.5 H
30403014	10	0	38	16.5
30403100	30	0	33	16.5
30403019	20	0	49	16.5
30403082	11	3	38	19.5
30403015	12	7	36	23.5
30403016	21	7	47	23.5
30403017	22	10	44	26.5
30403022	13	0	39	16.5



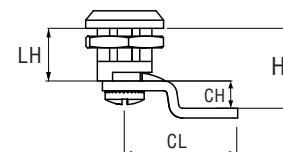
Hook cam

Cam **MATERIAL** : Steel

3

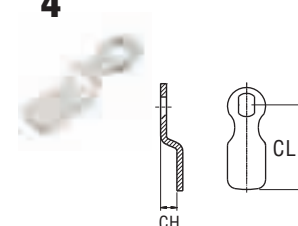


Stock code	CC	CH	CL	LH : 13.5 H
30403084	10	0	33	13.5
30403184	20	0	25	13.5
30403183	21	6	25	19.5
30403085	11	7	30	20.5
30403196	22	-6	25	7.5

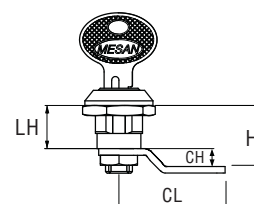


Cam **MATERIAL** : Steel

4



Stock code	CC	CH	CL	LH : 13 H
30403158	10	0	24	13
31403016	50	0	21	13
30403029	20	0	31	13
30403028	30	0	36	13
30403089	21	3	30	16
30403030	22	7	26	20
30403182	11	-3	28	10
30403058	40	0	31	13

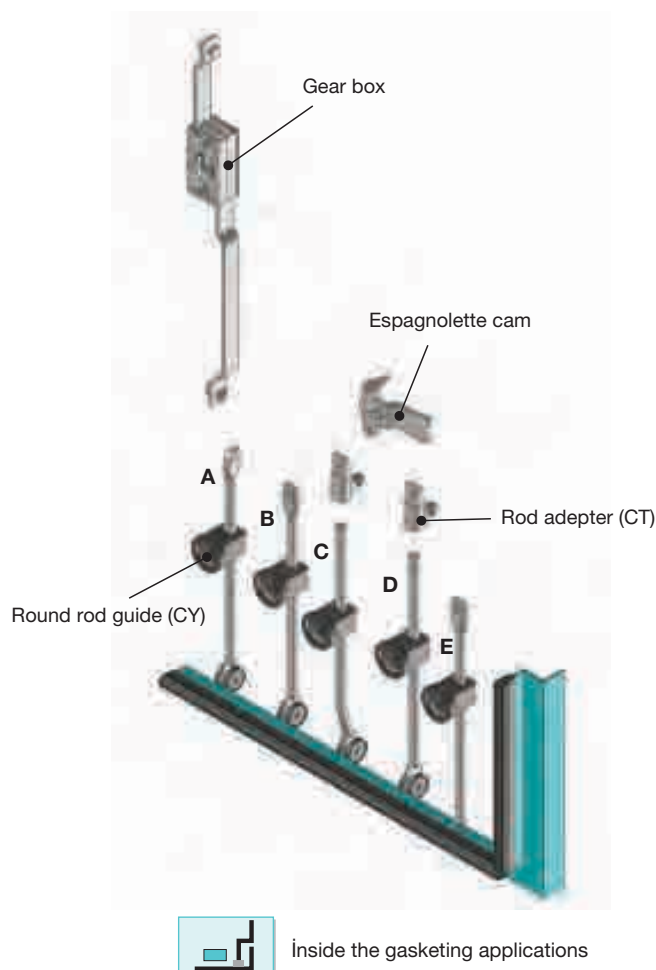


Hook cam

Espagnolette type round and flat rod applications and their accessories

IC

▶ Round rod applications



inside the gasketing applications

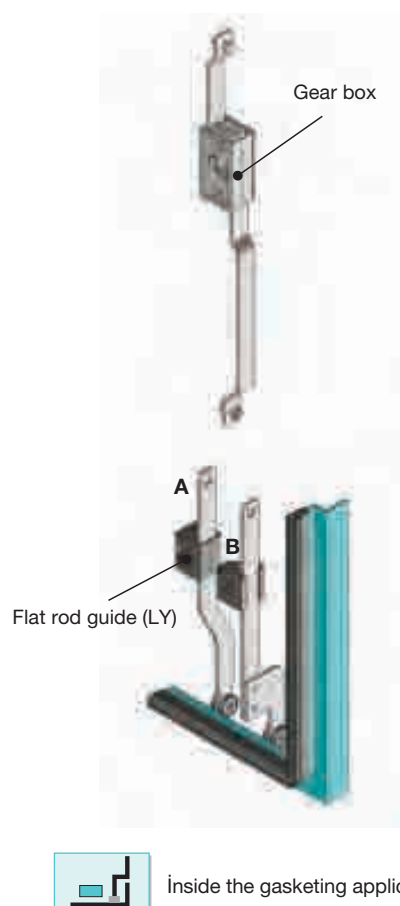
- A - IC.4.L :** Suitable for the gear box applications. Rod adapter can not be used.
- B - IC.3.L :** Suitable for the espagnolette cam applications. Rod adapter can not be used.
- C - IC.6.L :** Suitable for both gear box and espagnolette cam applications. Rod adapter can be used.
- D - IC.2.L :** Suitable for both gear box and espagnolette cam applications. Rod adapter can be used.
- E - IC.1.L :** Suitable for both gear box and espagnolette cam applications. Rod adapter can not be used. Alternative locking is possible with a locking hole.

▶ Different Rod length alternatives are possible.
Please check the next pages.

▶ Round rod guide must be used for all applications.
Please check the accessory pages.

IL

▶ Flat rod applications



inside the gasketing applications

- A - IL.1.h.1020 :** Suitable for the gear box applications. Two different height (h) alternatives are available.
- B - IL.2.h.1020 :** Suitable for the gear box applications. Four different height (h) alternatives are available.

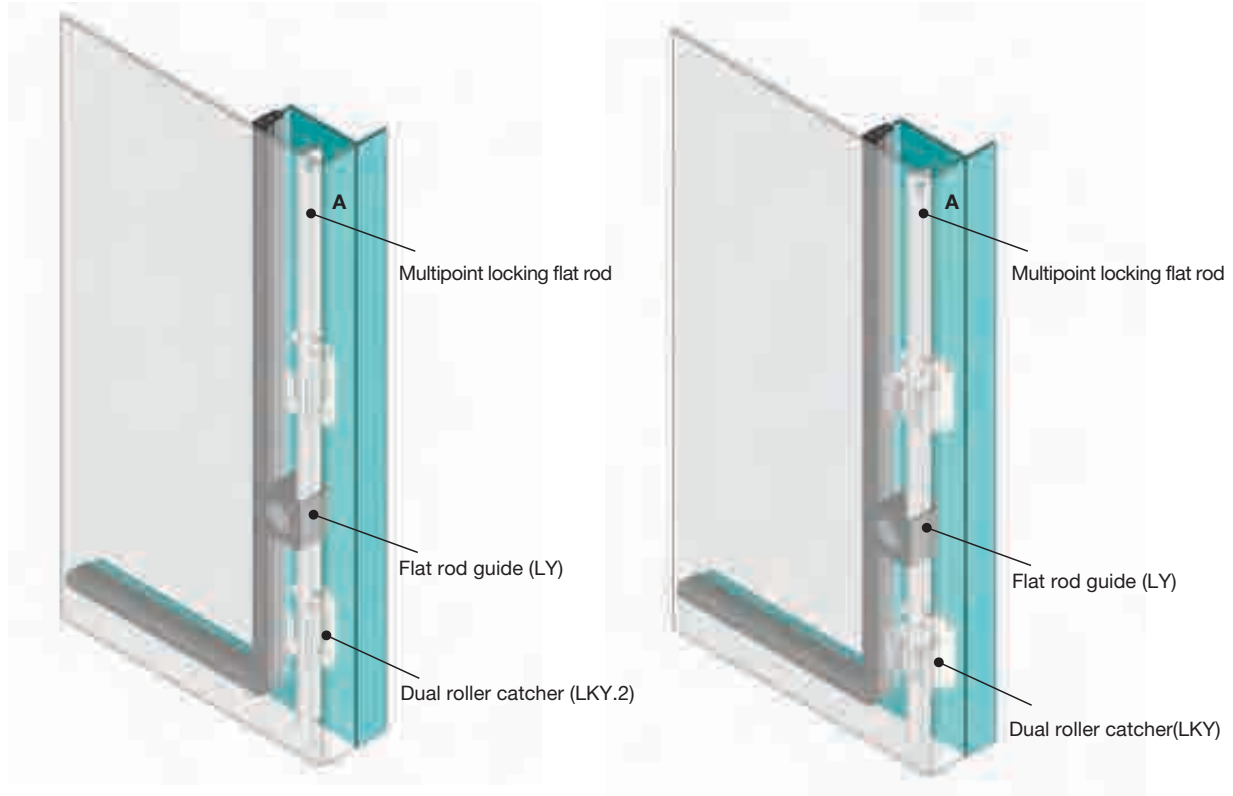
▶ Flat rod guide must be used for all espagnolette flat rod applications.
Please check the accessory pages.

▶ Standard length of the flat rod is 1020 mm.

Flat Rod applications for multipoint locking and their accessories.

ILP

► Multipoint locking flat rod applications



Out side the gasketing applications

A - ILP.1.575 : Suitable for out of gasket locks.

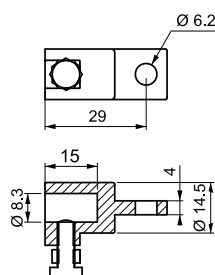
► **Flat rod guide and dual roller catcher must be used for all espagnolette flat rod applications. Please check the accessory pages.**

ROD ADAPTER

CT

**MATERIAL**

Zamak DIn-EN 1774-ZnAl4Cu1
Finish: Zinc plated



ROD ADAPTER

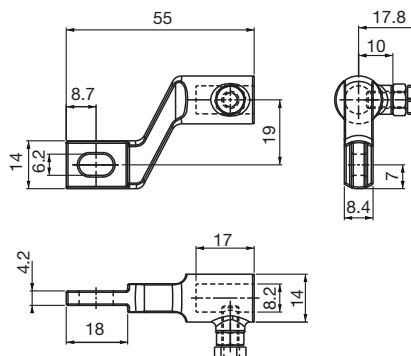
CT.2



- For horizontal application

MATERIAL

Zamak DIn-EN 1774-ZnAl4Cu1
Finish: Zinc plated

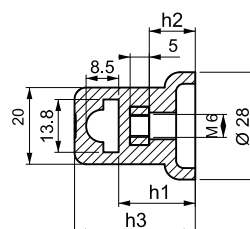


ROUND ROD GUIDE

CY

**MATERIAL**

Polyamide PA6 GFR 30



PRODUCT CODE	h 1	h 2	h 3	Fixing screw
CY 1 -20	20	12	32	M6 x 16
CY 1 -24	24	16	36	M6 x 20
CY 1 -26	26	18	38	M6 x 22

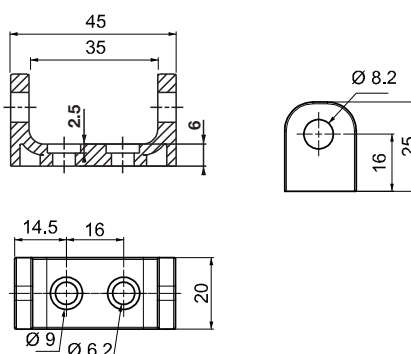


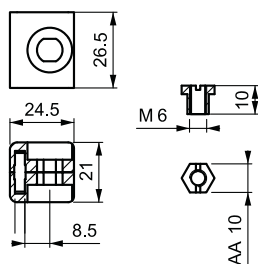
ROUND ROD GUIDE

CY.2

**MATERIAL**

Delrin



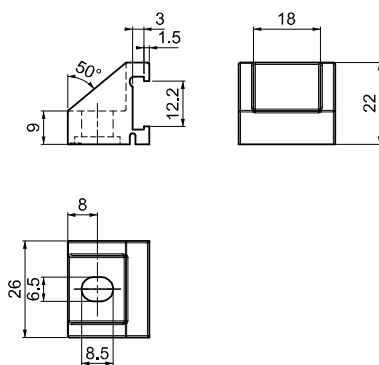


LY

FLAT ROD GUIDE


MATERIAL

Body : Polyamide PA6 GFR 30
Nut : Steel

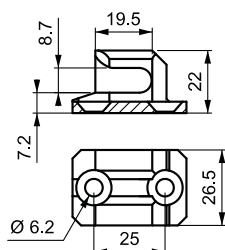


LY.2

FLAT ROD GUIDE


MATERIAL

Polyamide PA6 GFR 30

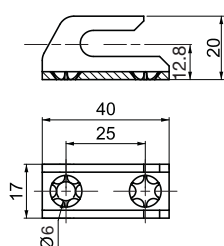


LKY

DUAL ROLLER CATCHER


MATERIAL

Zamak Din-EN 1774-ZnAl4Cu1
Finish: Zinc plated

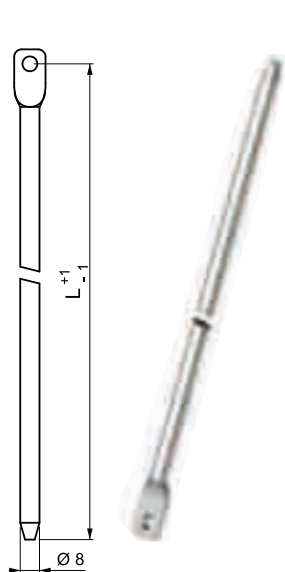


LKY.2

DUAL ROLLER CATCHER


MATERIAL

Steel
Finish: Zinc plated

**V : 1**

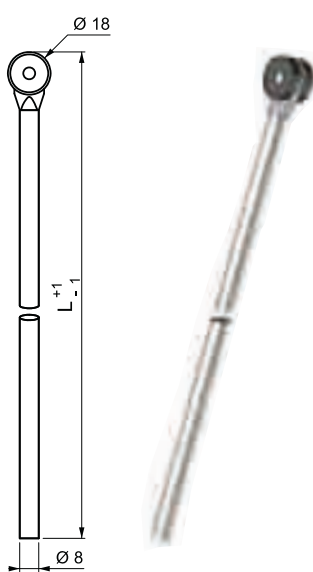
PRODUCT CODE	L mm
IC 1 - 400	400
IC 1 - 500	500
IC 1 - 600	600
IC 1 - 700	700
IC 1 - 800	800
IC 1 - 900	900
IC 1 - 1000	1000

Application:

- With gear box locks
- Locks with 3 point cam

**Accessories:**

- Round rod guide (CY)

**V : 2**

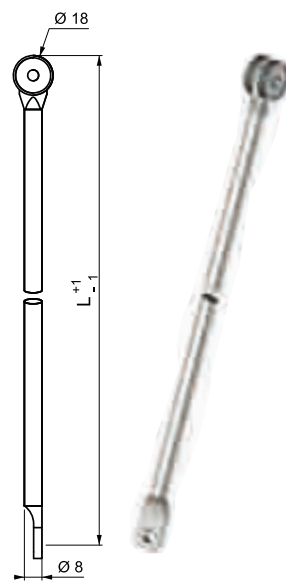
PRODUCT CODE	L mm
IC 2 - 400	400
IC 2 - 500	500
IC 2 - 600	600
IC 2 - 700	700
IC 2 - 800	800
IC 2 - 900	900
IC 2 - 1000	1000

Application:

- With gear box locks
- Locks with 3 point cam

**Accessories:**

- Round rod guide (CY)
- Rod adapter (CT)

**V : 3**

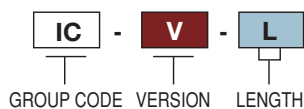
PRODUCT CODE	L mm
IC 3 - 400	400
IC 3 - 500	500
IC 3 - 600	600
IC 3 - 700	700
IC 3 - 800	800
IC 3 - 900	900
IC 3 - 1000	1000

Application:

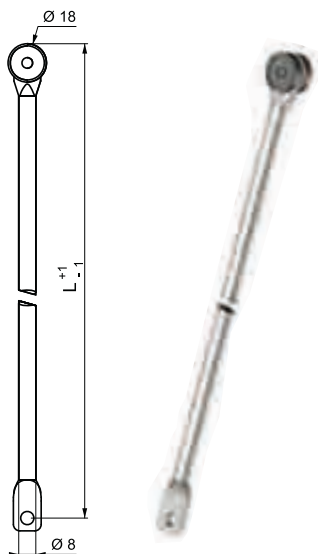
- Locks with 3 point cam

**Accessories:**

- Round rod guide (CY)

PRODUCT CODE

For different 'L' Lengths, please contact to us


V : 4

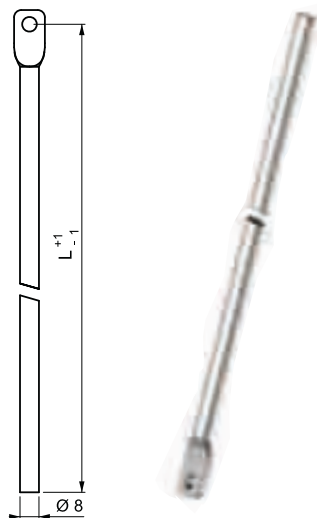
PRODUCT CODE	L mm
IC 4 - 400	400
IC 4 - 500	500
IC 4 - 600	600
IC 4 - 700	700
IC 4 - 800	800
IC 4 - 900	900
IC 4 - 1000	1000

Application:

- With gear box locks


Accessories:

- Round rod guide (CY)


V : 5

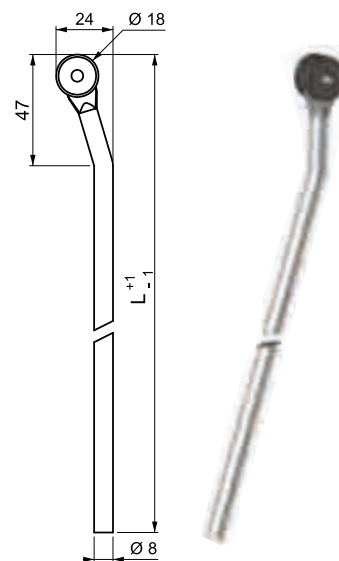
PRODUCT CODE	L mm
IC 5 - 400	400
IC 5 - 500	500
IC 5 - 600	600
IC 5 - 700	700
IC 5 - 800	800
IC 5 - 900	900
IC 5 - 1000	1000

Application:

- With gear box locks
- Locks with 3 point cam


Accessories:

- Round rod guide (CY)


V : 6

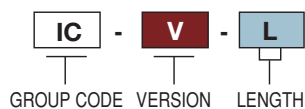
PRODUCT CODE	L mm
IC 6 - 400	400
IC 6 - 500	500
IC 6 - 600	600
IC 6 - 700	700
IC 6 - 800	800
IC 6 - 900	900
IC 6 - 1000	1000

Application:

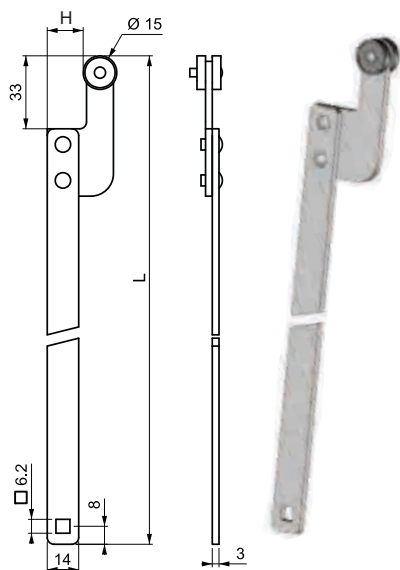
- With gear box locks
- Locks with 3 point cam


Accessories:

- Round rod guide (CY)
- Rod adapter (CT)

PRODUCT CODE


For different 'L' Lengths, please contact to us

**V : 1**

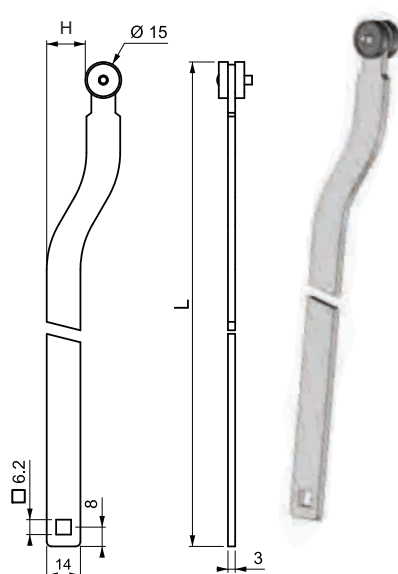
PRODUCT CODE	h mm	L mm
IL 1 -27 -1020	27	1020
IL 1 -21 -1020	21	1020
IL 1 -16 -1020	16	1020
IL 1 -13 -1020	13	1020

Application:

- With gear box locks

**Accessories:**

- Flat rod guide (LY)

**V : 2**

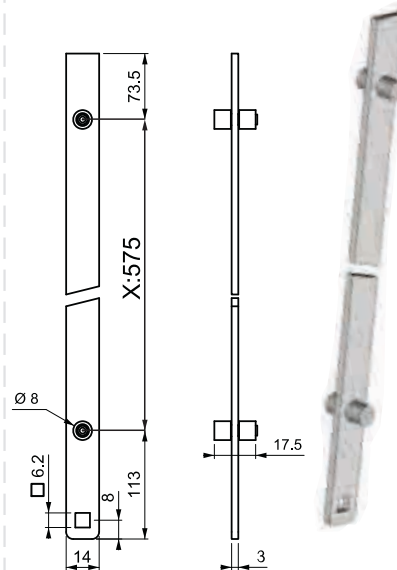
PRODUCT CODE	h mm	L mm
IL 2 -21 -1020	21	1020
IL 2 -16 -1020	16	1020

Application:

- With gear box locks

**Accessories:**

- Flat rod guide (LY)

**V : 1**

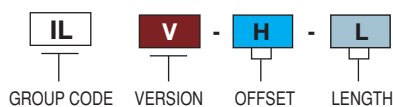
PRODUCT CODE	X mm
ILP 1 -575	575

Application:

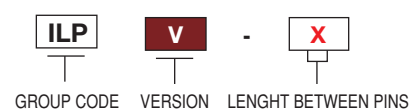
- With gear box locks

**Accessories:**

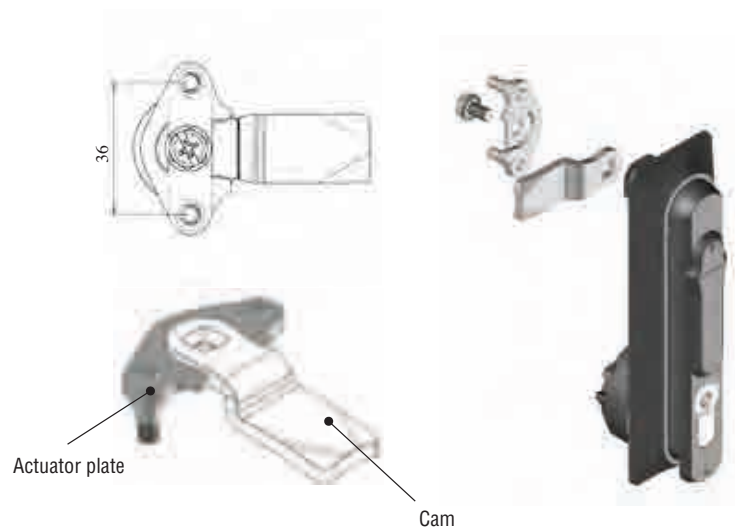
- Flat rod guide (LY)
- Dual roller catcher (LKY)

PRODUCT CODE

For different 'L' Lengths, please contact to us

PRODUCT CODE

Please specify for different 'X' length



30403499

ACTUATOR PLATE



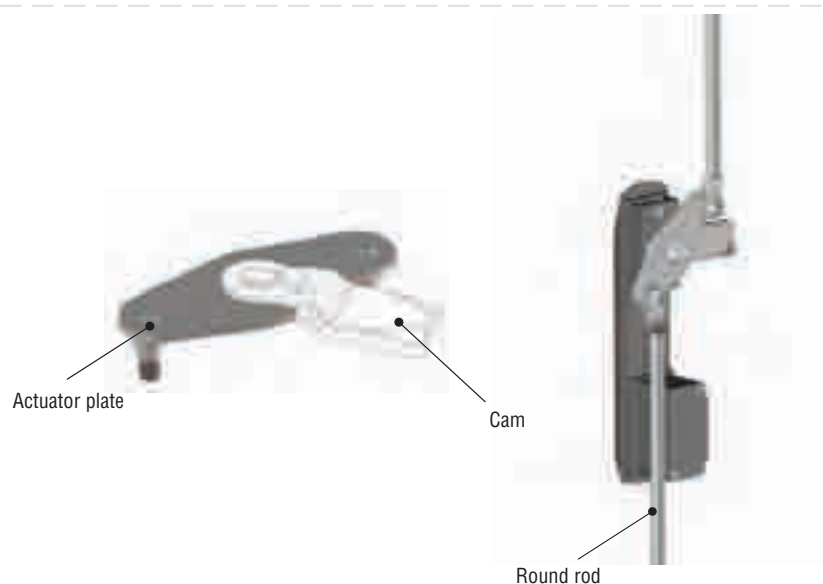
- 3 point locking actuator plate.

MATERIAL

Steel

FINISH

Zinc plated



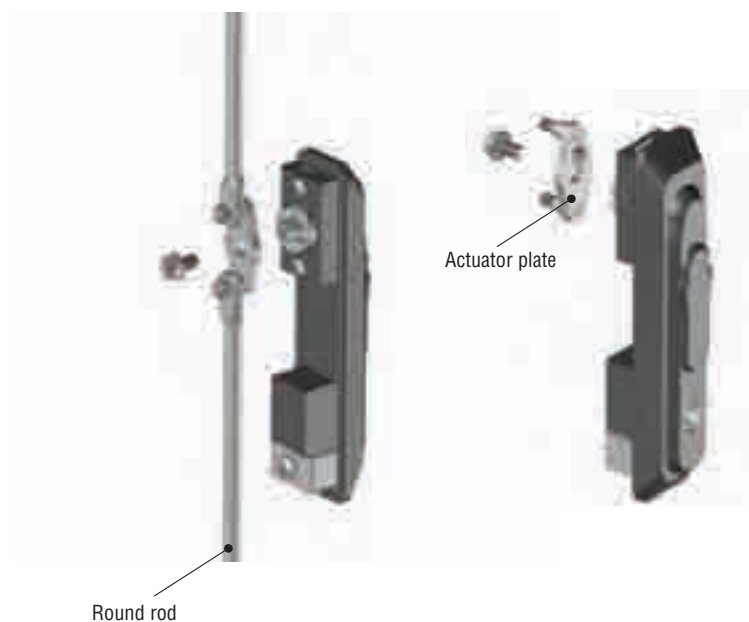
30403563

ACTUATOR PLATE



- ⚠ Note:** This plate is used for application of **501** swing handle

ACTUATOR PLATES



30403496



- 2 point locking actuator plate without stop lip.

30403495



- 2 point locking actuator plate with stop lip.

MATERIAL

Steel

FINISH

Zinc plated

METAL KEY (BIG SIZE)

268

**MATERIAL**

Zamak DIN-EN 1774-ZnAl4Cu1

FINISH

Chrome plated

**268-13**

3 mm Double bit

**268-15**

5 mm Double bit

**268-26**

6 mm Square

**268-27**

7 mm Square

**268-28**

8 mm Square

Driver

**268-37**

7 mm Triangular

**268-38**

8 mm Triangular

**268-39**

9 mm Triangular

**268-91**

Eastern

**268-68**8 mm Hexagon
High security

METAL KEY (SMALL SIZE)

267

**MATERIAL**

Zamak DIN-EN 1774-ZnAl4Cu1

FINISH

Chrome plated

**267-13**

3 mm Double bit

**267-15**

5 mm Double bit

**267-26**

6 mm Square

**267-27**

7 mm Square

**267-28**

8 mm Square

Driver

**267-37**

7 mm Triangular

**267-38**

8 mm Triangular

**169-39**

9 mm Triangular

PLASTIC KEYS



169.66

6 mm Hexagon



169-15

5 mm Double bit



169-39

9 mm Triangular



269-15

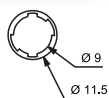
5 mm Double bit



369

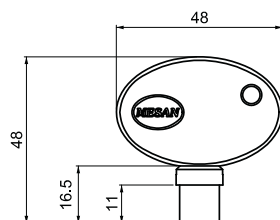
METAL KEY (SMALL SIZE)

New

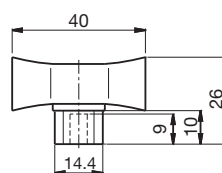
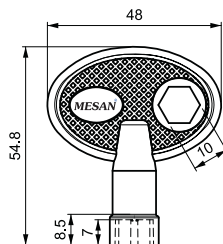
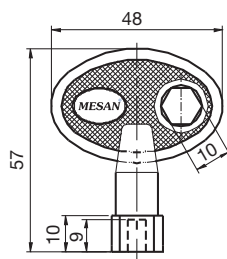
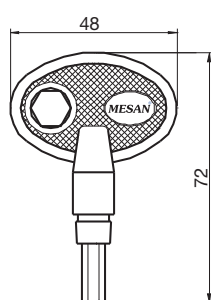
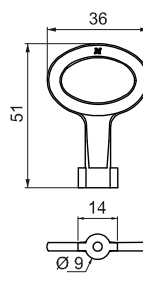
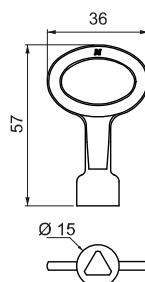
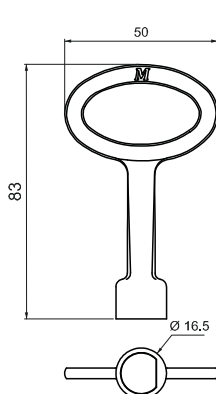
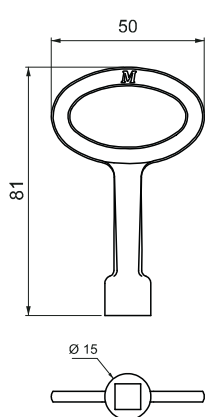
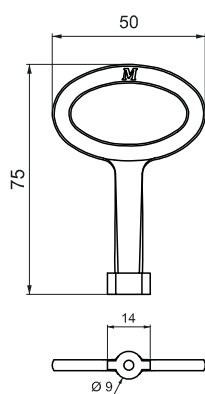


369-93

Tubular key



Outer dimensions



MATERIAL

Zamak DIN-EN 1774-ZnAl4Cu1

FINISH

Chrome plated

Quarter Turn Locks

Group code	Product name
060	Quarter turn - spring loaded
062	Quarter turn - wing knob
362	Quarter turn - wing knob
162	Paco lock
262	Padlockable - wing knob
064	Stepped cover lock
064	Quarter turn - spring loaded
064	Quarter turn - wing knob
040	Compression lock
361	Secure quarter turn
561	Compression lock
161	Knob - on lock
261	Knob - on lock
160	Quarter turn- spring cam
260	Quarter turn - padlockable
066	Mini quarter turn - spring loaded
266	Mini quarter turn - spring loaded
166	Mini quarter turn - wing knob
050	Cam lock - ball
055	Padlockable - knob
103	Quarter turn lock
203	Quarter turn lock
203	Quarter turn - wing knob

Page

105

106

107

108

109

114

115

116 - 117

118 - 119

120

121

122

123

124

125

128

129

130

131

132 - 133

134

135

136



M	F	
1	1	Zamak / chrome plated
1	2	Zamak / black coated
2	0	Polyamide / No finish

M MATERIAL **F** FINISH **DD** DRIVER CODE

DRIVERS

3 mm Double bit		M	F	Stock code
DD		1	1	30101127
		1	2	30101126
		2	0	30102012

5 mm Double bit		M	F	Stock code
DD		1	1	30101099
		1	2	30101125
		2	0	30102001

6 mm Square		M	F	Stock code
DD		1	1	30101058
		1	2	30101139
		2	0	30102009

7 mm Square		M	F	Stock code
DD		1	1	30101039
		1	2	30101138
		2	0	30102010

8 mm Square		M	F	Stock code
DD		1	1	30101113
		1	2	30101065
		2	0	30102011

7 mm Triangular		M	F	Stock code
DD		1	1	30101124
		1	2	30101120
		2	0	30102008

8 mm Triangular		M	F	Stock code
DD		1	1	30101114
		1	2	30101064
		2	0	30102006

9 mm Triangular		M	F	Stock code
DD		1	1	30101066
		1	2	30101140
		2	0	30102007

Slot (2x4)		M	F	Stock code
DD		1	1	30101146
		1	2	30101149
		2	0	30102005

8 mm Square Slot		M	F	Stock code
DD		1	1	30101175
		1	2	30101176
		2	0	•

10 mm Hexagon famele		M	F	Stock code
DD		1	1	30101169
		1	2	30101170
		2	0	•

8 mm Hexagon famele		M	F	Stock code
DD		1	1	30101195
		1	2	30101196
		2	0	•

5x10 Slot		M	F	Stock code
DD		1	1	30101188
		1	2	30101189
		2	0	•

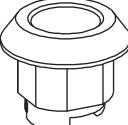
6 mm Square		M	F	Stock code
DD		1	1	30101173
		1	2	30101174
		2	0	•

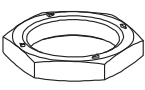
Railway		M	F	Stock code
DD		1	1	30101171
		1	2	30101172
		2	0	•

Eastern		M	F	Stock code
DD		1	1	30101177
		1	2	30101178
		2	0	•

Tork (T-30)		M	F	Stock code
DD		1	1	30101213
		1	2	•
		2	0	•

Housing, Nut, Sealing Washer, Spring, Screw, O'ring

Housing		M	F	Stock code
		1	1	30301019
		1	2	30301035
		2	0	30302061

Nut		M	F	Stock code
		1	1	30501015
		2	0	30502002

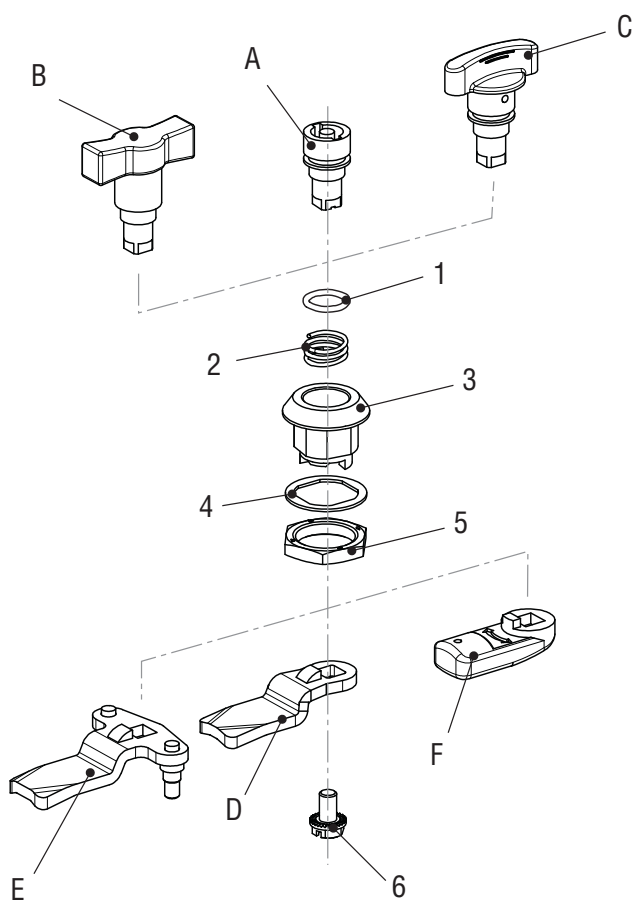
	Sealing Washer	30802021
	Spring	30703001
	Screw (6X10 Combi)	30603002
	Screw (5X11 RYSB)	30603055
	O'ring (IP 65)	30802002

ASSEMBLY

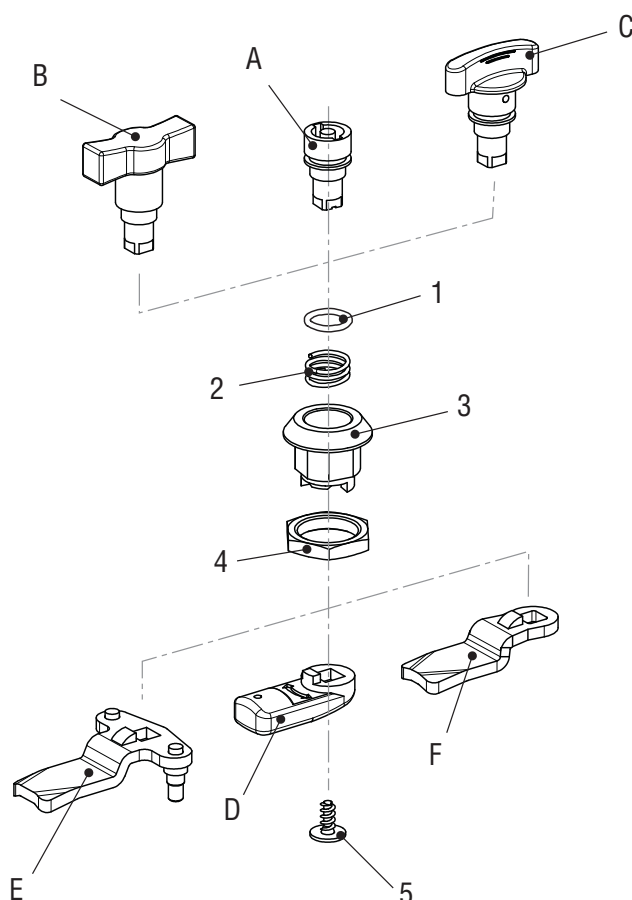
Quarter turn locks

060, 062, 362

Zamak



Plastic



A : Driver (060 system), zamak
B : Knob (062 system), zamak
C : Knob (062 system), zamak

1 : O-ring (Ip 65)
2 : Spring
3 : Housing (Ø 30), zamak
4 : Sealing washer,
5 : Nut, zamak
6 : Screw (6X10 Combi)

D : Cam
E : Espagnolette cam
F : Plastic cam

A : Driver (060 system), plastic
B : Knob (062 system), plastic
C : Knob (062 system), plastic

1 : O-ring (Ip 65)
2 : Spring
3 : Housing (Ø 28), plastic
4 : Nut, plastic
5 : Screw (5x11 RYSB)

D : Plastic cam
E : Espagnolette cam
F : Cam

NOTE:

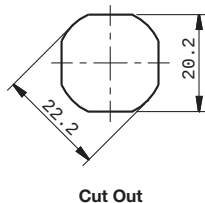
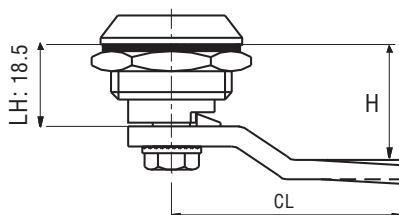
www.mesanlocks.com



Quarter turn locks

1-6

This image shows a full page of blank graph paper. The grid consists of thin, light gray horizontal and vertical lines that intersect to form small squares across the entire surface. There are no margins, text, or other markings on the paper.



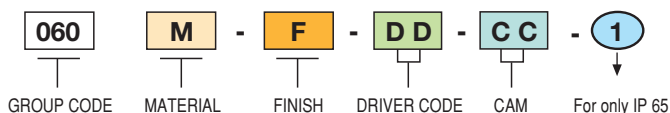
060 1-1-DD-CC
ZAMAK - CHROME

060 1-2-DD-CC
ZAMAK - BLACK COATED

060 2-0-DD-CC
PLASTIC

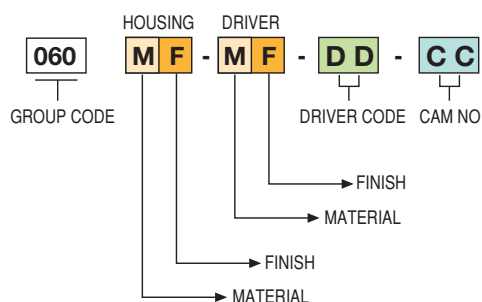


PRODUCT CODE

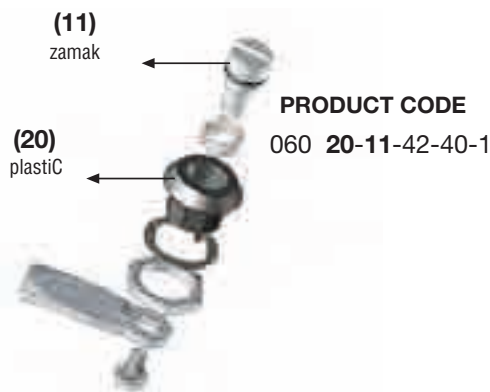


MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black coated	2
Plastic	2	No Finish	0

★ For mixed material and finish lock orders please use below coding system



EXAMPLE



060

QUARTER TURN - SPRING LOADED

IP 65



LH/RH

RoHS



- Specially designed internal spring provides 1.5mm torsion.
- Cam does not rotate beyond quarter turn due to stop lip.
- IP 65 and IP 66 (Nema 4) are optional.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

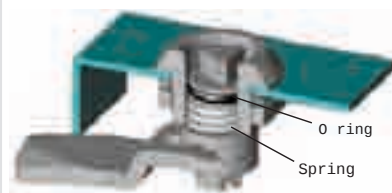
HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1 or PA6 GFR 30

DRIVER : Zamak DIN-EN 1774-ZnAl4Cu1 or PA6 GFR 30

CAM : Steel or PA6 GFR 30

GASKET : Rubber

FINISH : Chrome or black coated



- ▶ For cams please check page 86 - 87
- ▶ For drivers please check page: 102
- ▶ For keys please check page: 98 - 99

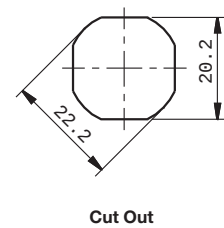
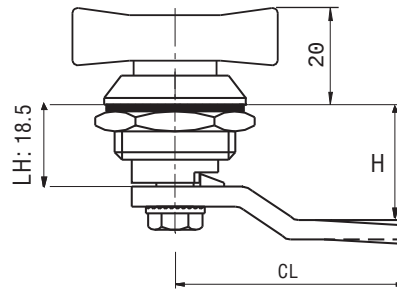
QUARTER TURN - WING KNOB

062



LH/RH

RoHS



- Wing operates lock and serves as knob.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1

KNOB : Zamak DIN-EN 1774-ZnAl4Cu1
or PA6 GFR 30

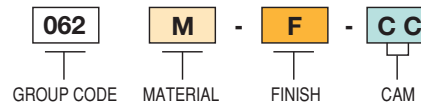
CAM : Steel or PA6 GFR 30

GASKET : Rubber

FINISH : Chrome or black coated

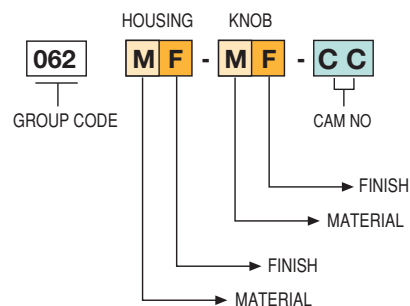
062 1-1-CC
ZAMAK - CHROME062 1-2-CC
ZAMAK - BLACK COATED062 2-0-CC
PLASTIC

PRODUCT CODE

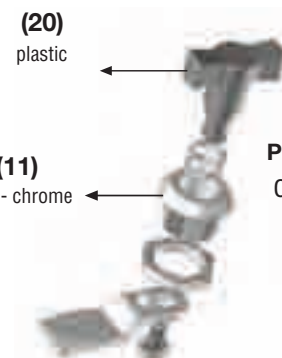


MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black coated	2
Plastic	2	No Finish	0

* For mixed material and finish lock orders please use below coding system

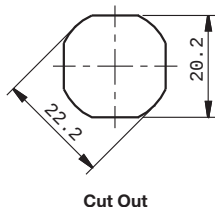
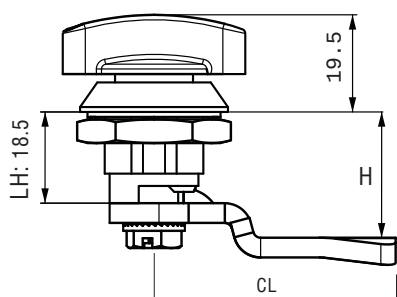


EXAMPLE



PRODUCT CODE
062 11-20-42

For cams please check page 86 - 87



362 1-1-CC
ZAMAK - CHROME



362 1-2-CC
ZAMAK - BLACK COATED

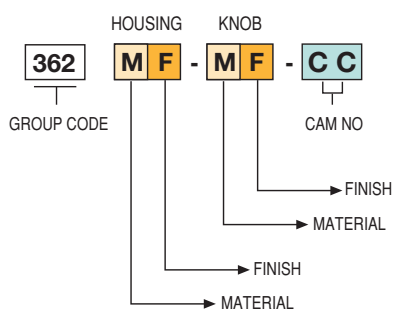


362 **2-0-CC**
PLASTIC

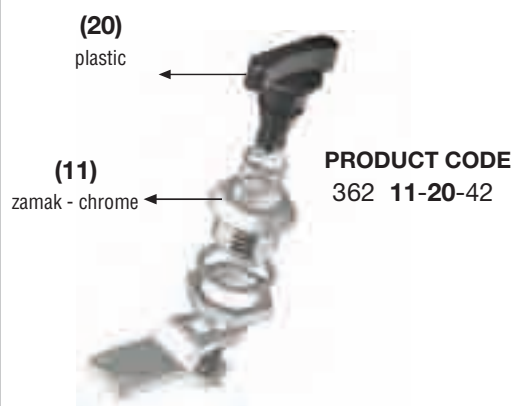
**PRODUCT CODE**

MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black coated	2
Plastic	2	No Finish	0

*For mixed material and finish lock orders please use below coding system



EXAMPLE



 For cams please check page 86 - 87

362

QUARTER TURN - WING KNOB

IP 65



LH/RH

RoHS



- Wing operates lock and serves as knob.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1
or PA6 GFR 30

KNOB : Zamak DIN-EN 1774-ZnAl4Cu1
or PA6 GFR 30

CAM : Steel or PA6 GFR 30

GASKET : Rubber

FINISH : Chrome or black coated

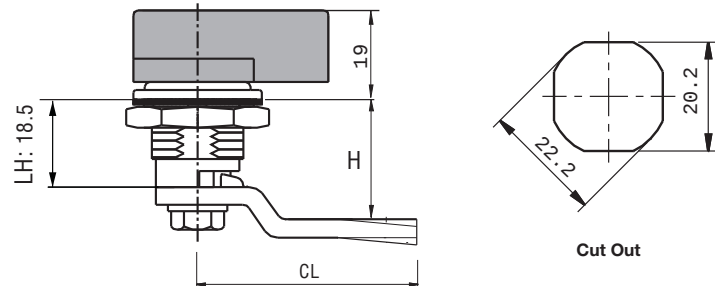
PACO LOCK

162



LH/RH

RoHS



¥ Paco type knob.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

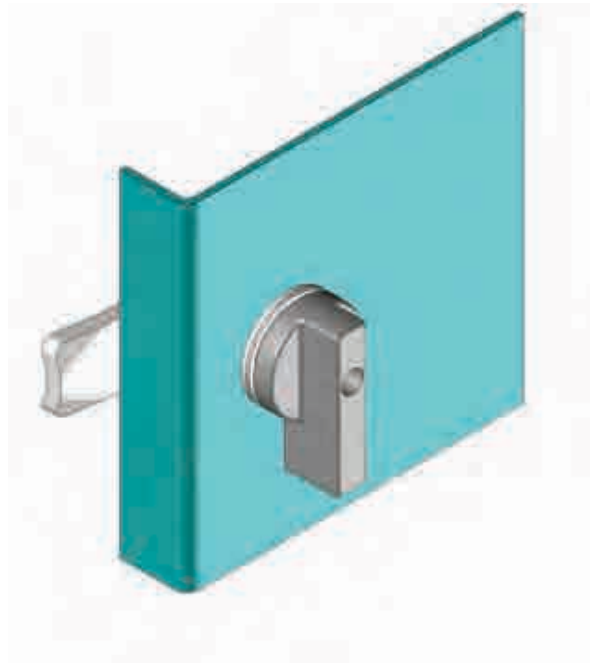
HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1

KNOB : PA6 GFR 30

CAM : Steel or PA6 GFR 30

GASKET : Rubber

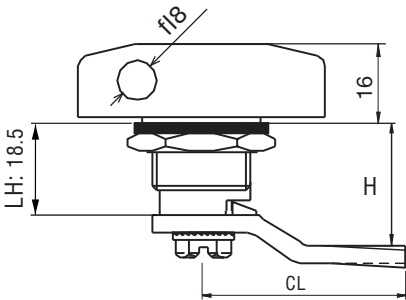
FINISH : Chrome

**PRODUCT CODE**

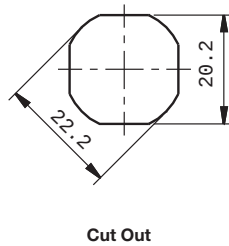
162 - C C

GROUP CODE CAM

For cams please check page 86 - 87



262 1-CC-....
ZAMAK - CHROME



262 2-CC-....
ZAMAK - BLACK COATED



262

PADLOCKABLE WING KNOB



LH

RH

RoHS



- Padlockable wing knob. Maximum shackle diameter 6 mm.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

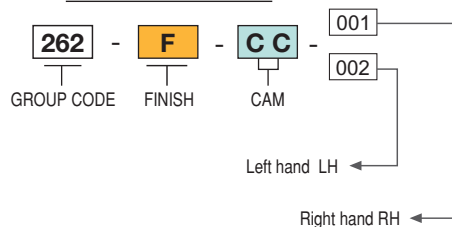
HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1

KNOB : Zamak DIN-EN 1774-ZnAl4Cu1

CAM : Steel

FINISH : Chrome or black coated

PRODUCT CODE



For cams please check page 86 - 87

DUST CAP

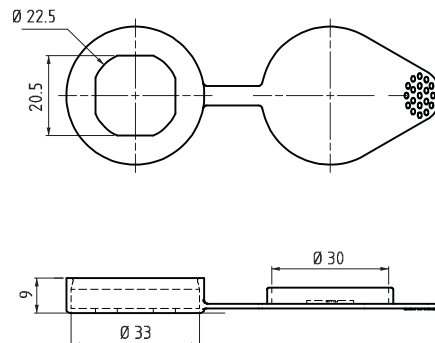
060 A7

New



- ✧ It is recommended when dust and humidity protection is required.
- ✧ Can be ordered separately

MATERIAL
Polyurethane

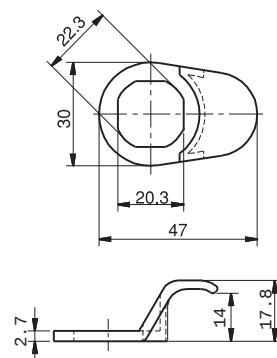


LOCK HANDLE

060 A2



- Affects the locking dimensions by 1 mm. Choose CH -1 mm for cam selection compared to unused

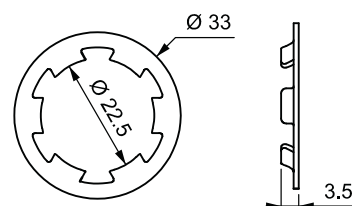


FIXING DEVICE

060 A3

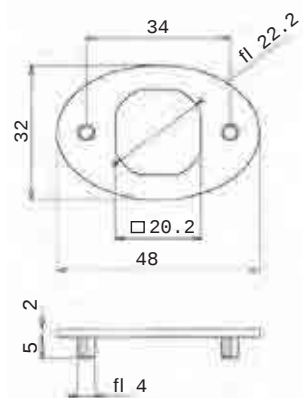


- Prevents rotation; especially useful for applications subject to vibration.



060 A5

FIXING DEVICE



- Fixing device for wooden applications.

APPLICATIONS

Wooden panels

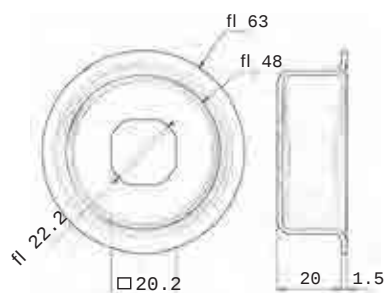
MATERIAL

Zamak DIN-EN 1774-ZnAl4Cu1

FINISH : Zinc plated

060 A6

SPACER



- Allows lock to be fitted to thick doors and easy fixing for isolated doors.

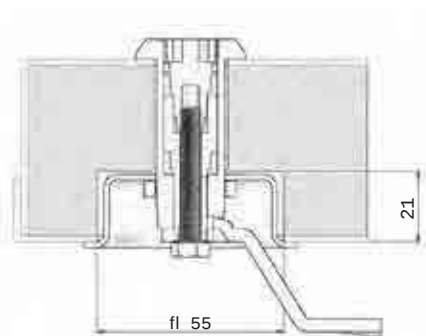
APPLICATIONS

Isolated covers

MATERIAL

Steel

FINISH : Zinc plated



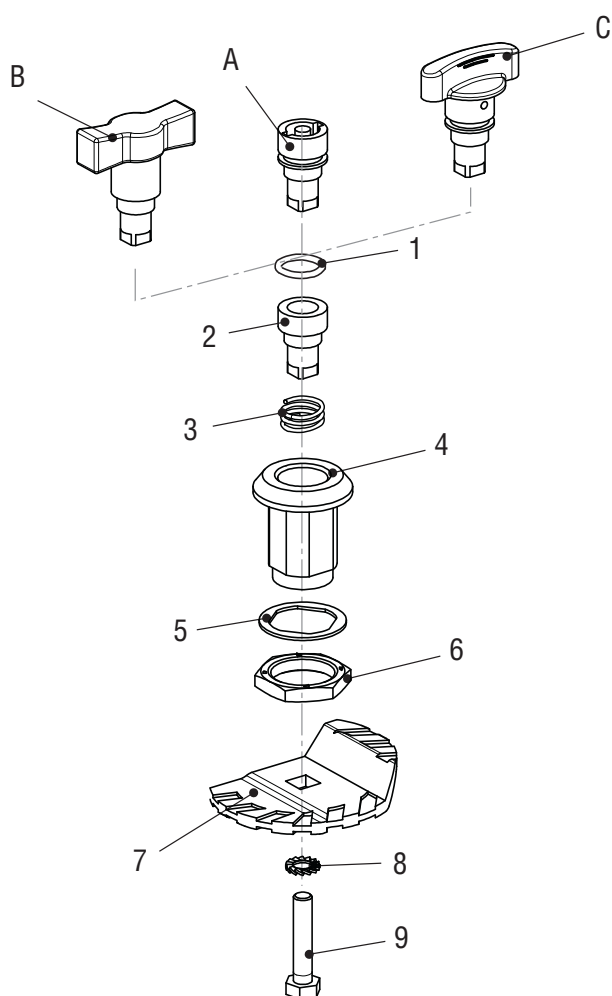
This image shows a full page of blank graph paper. The grid consists of thin, light gray horizontal and vertical lines that intersect to form small squares across the entire surface. There are no margins, text, or other markings on the paper.

ASSEMBLY

Quarter turn locks

064

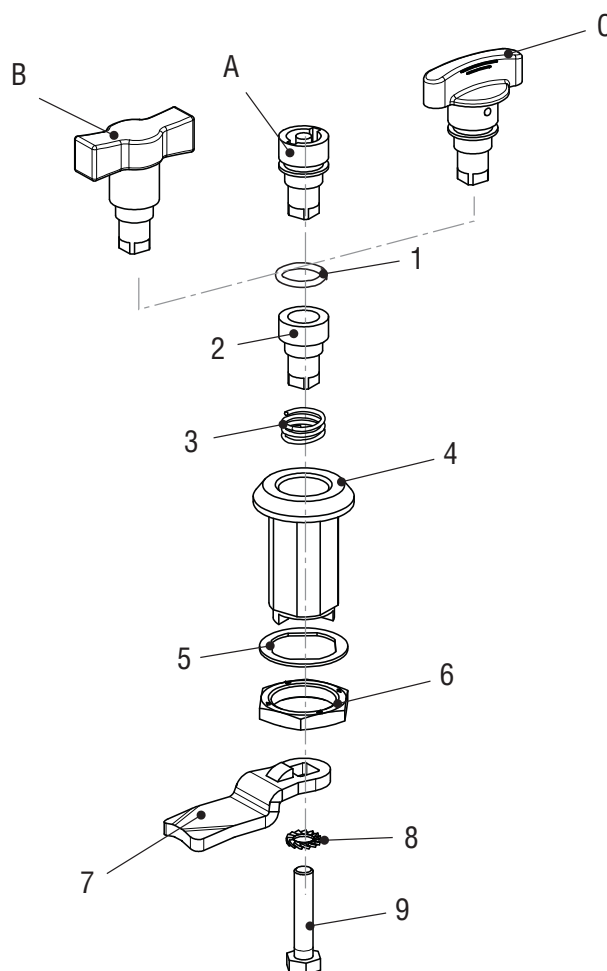
Stepped cam



A : Insert (060 system), zamak
B : Knob (062 system), zamak
C : Knob (362 system), zamak

1 : O-ring (Ip 65)
2 : Adapter
3 : Spring
4 : Housing (Ø 32), zamak
5 : Sealing washer
6 : Nut, zamak
7 : Stepped cam
8 : Washer
9 : Screw M6 (AKB)

Quarter turn



A : Insert (060 system), zamak
B : Knob (062 system), zamak
C : Knob (362 system), zamak

1 : O-ring (Ip 65)
2 : Adapter
3 : Spring
4 : Housing (Ø 32), zamak
5 : Sealing washer
6 : Nut, zamak
7 : Cam
8 : Washer
9 : Screw M6 (AKB)

STEPPED COVER LOCK

064

IP 65



LH/RH

RoHS



- Especially useful for sound-proof or isolated doors.
- Very tight closure possible due to 270° cam rotation and stepped cam.
- Lock supplied with suitable housing as standard.
- IP 65 is optional.

APPLICATIONS

Air conditioning central units

MATERIAL

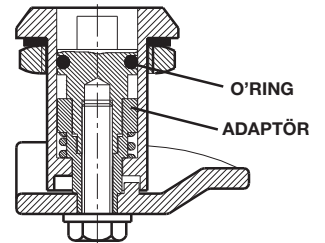
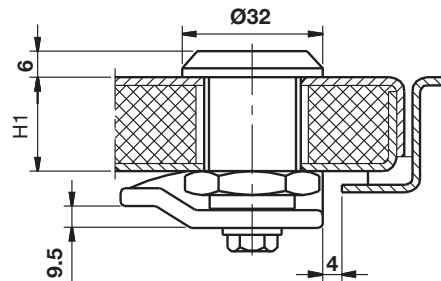
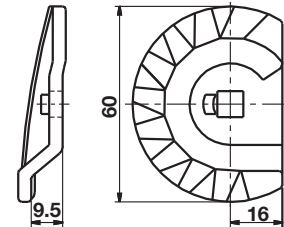
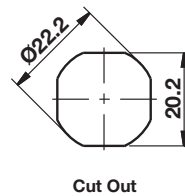
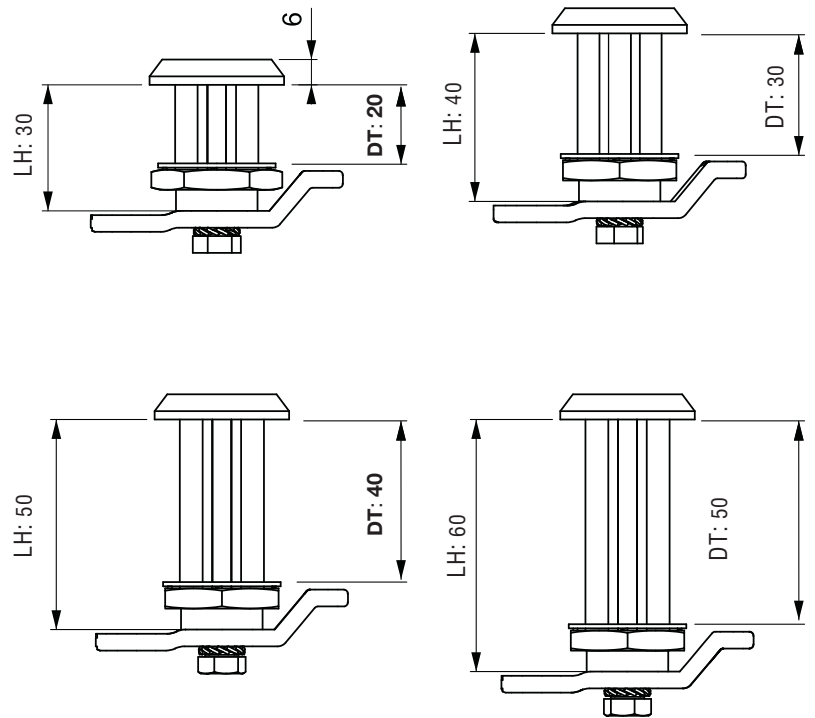
HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1

DRIVER : Zamak DIN-EN 1774-ZnAl4Cu1

CAM : Zamak DIN-EN 1774-ZnAl4Cu1

GASKET : Rubber

FINISH : Chrome



PRODUCT CODE

064 - DD - DT - 99 - 1

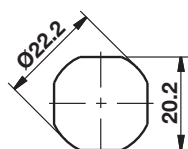
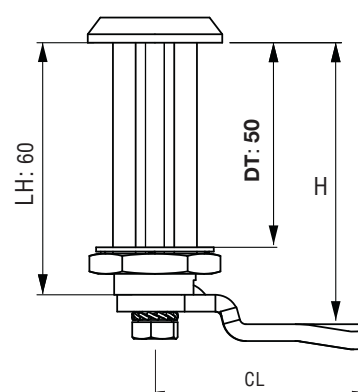
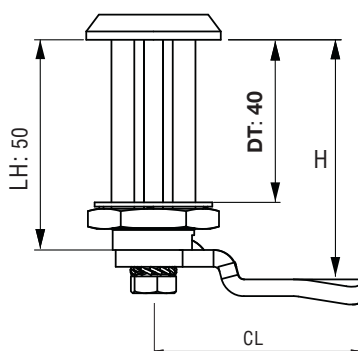
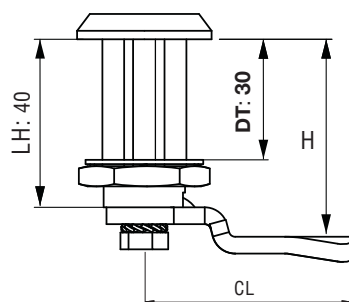
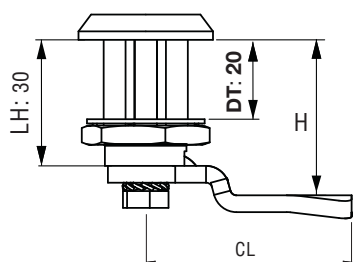
GROUP CODE DRIVER DOOR THICKNESS CAM For only IP 65

For drivers please check page: 102

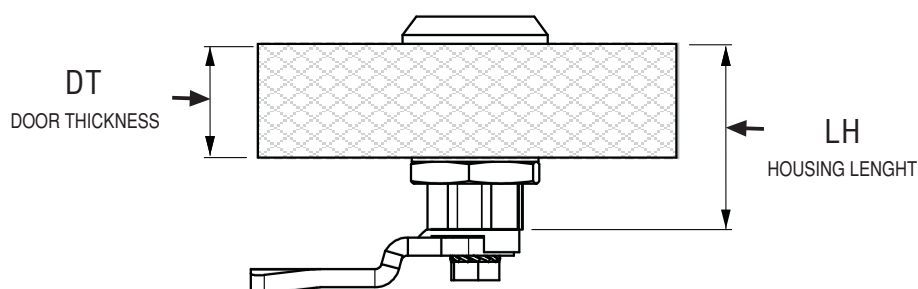
For keys please check page: 98 - 99

064

QUARTER TURN - SPRING LOADED



Cut Out



- Especially useful for sound-proof or isolated doors.
- Lock supplied with suitable housing as standard.
- IP 65 is optional.

APPLICATIONS

Wooden panels, isolated covers

MATERIAL

HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1
DRIVER : Zamak DIN-EN 1774-ZnAl4Cu1
CAM : Steel
GASKET : Rubber
FINISH : Chrome

PRODUCT CODE

064 - DD - DT - CC - 1
GROUP CODE DRIVER DOOR THICKNESS CAM For only IP 65

- ▶ For cams please check page 86 - 87
- ▶ For drivers please check page: 102
- ▶ For keys please check page: 98 - 99

QUARTER TURN - WING KNOB

064



LH/RH

RoHS

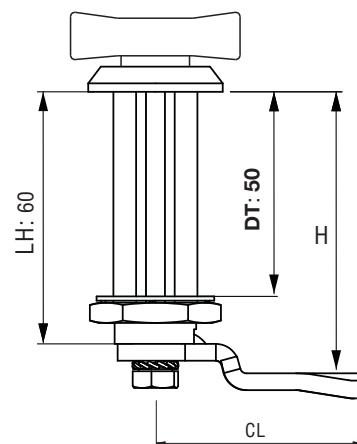
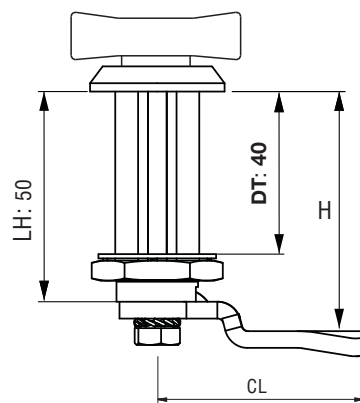
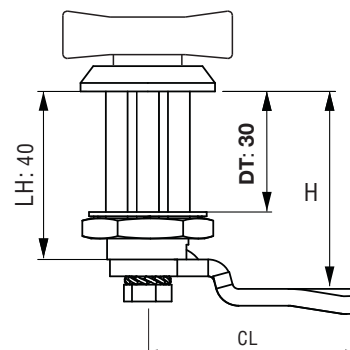
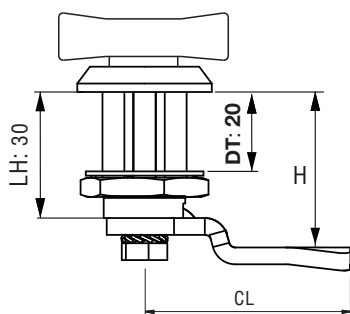
- Especially useful for sound-proof or isolated doors.
- Lock supplied with suitable housing as standard.
- IP 65 is optional.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1
 KNOB : Zamak DIN-EN 1774-ZnAl4Cu1
 CAM : Steel
 GASKET : Rubber
 FINISH : Chrome



064 062-DT-1-1-CC
 ZAMAK - CHROME



064 062-DT-1-2-CC
 ZAMAK - BLACK COATED



PRODUCT CODE

064	-	062	-	DT	-	1	-	F	-	CC
GROUP CODE		KNOB		DOOR THICKNESS		MATERIAL		FINISH		CAM

For cams please check page 86 - 87

MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black coated	2

064

QUARTER TURN - WING KNOB

IP 65



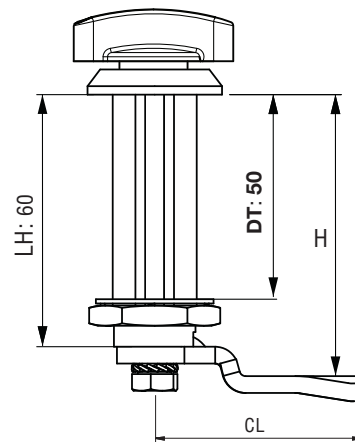
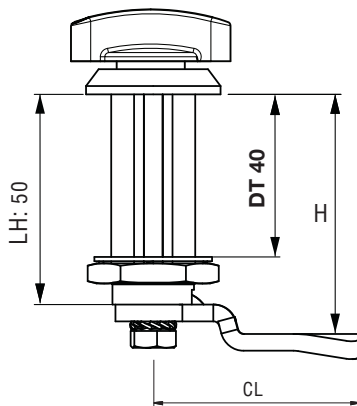
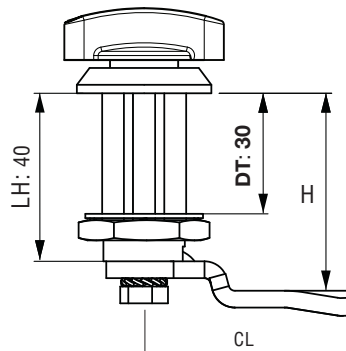
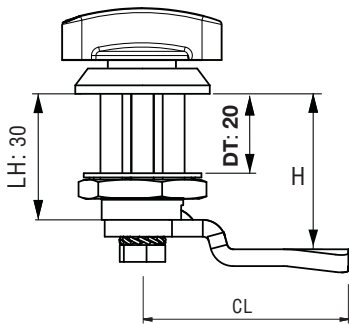
LH/RH

RoHS



Quarter turn locks

1-6


064 362-DT-1-1-CC
ZAMAK - CHROME

064 362-DT-1-2-CC
ZAMAK - BLACK COATED


- Especially useful for sound-proof or isolated doors.
- Lock supplied with suitable housing as standard.
- IP 65 is optional.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1
 KNOB : Zamak DIN-EN 1774-ZnAl4Cu1
 CAM : Steel
 GASKET : Rubber
 FINISH : Chrome

PRODUCT CODE

064 - 362 - DT - 1 - F - CC - 1
 GROUP CODE KNOB DOOR THICKNESS MATERIAL FINISH CAM For only IP 65

MATERIAL	M
Zamak	1

FINISH	F
Chrome	1
Black coated	2

For cams please check page 86 - 87

COMPRESSION LOCK

040



New

IP 65



LH/RH

RoHS

- Used for the cabinets that require better sealing under vibration conditions.
- Lock has 6 mm compression ratio.
- Lock also provides noise isolation.
- Different driver alternatives are available.
- Standard cams without stopper are applied to these locks

APPLICATIONS

Electric panels, machinery covers, railway applications, construction equipment

MATERIAL

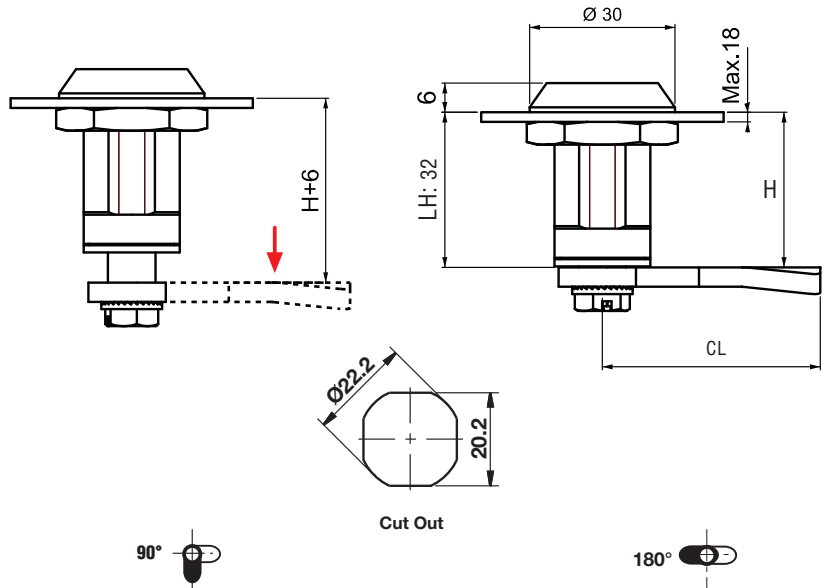
HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1

DRIVER : Zamak DIN-EN 1774-ZnAl4Cu1

CAM : Steel

GASKET : Rubber

FINISH : Chrome or black coated



Unlock position

When key is turned to 90° cam turns to locking position



Lock position

When key is turned to 180° cam moves to fixing position

DRIVERS				
3 mm Double bit	5 mm Double bit	Tubular key	8 mm Hexagon	8 mm Hexagon with security pin
DD 13	DD 15	DD 93	DD 68	DD 69
Railway	8 mm Square	2X4 mm Slot	7 mm Triangular	8 mm Triangular
DD 88	DD 28	DD 42	DD 37	DD 38

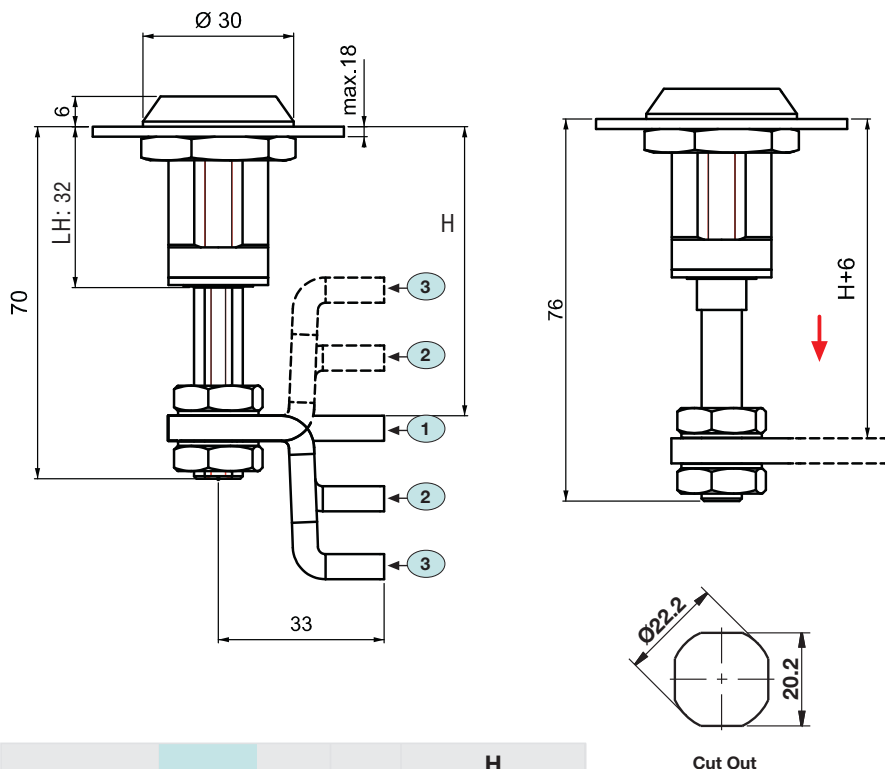
PRODUCT CODE

040	-	1	-	1	-	F	-	DD	-	CC
GROUP CODE		VERSION		MATERIAL		FINISH		DRIVER CODE		CAM

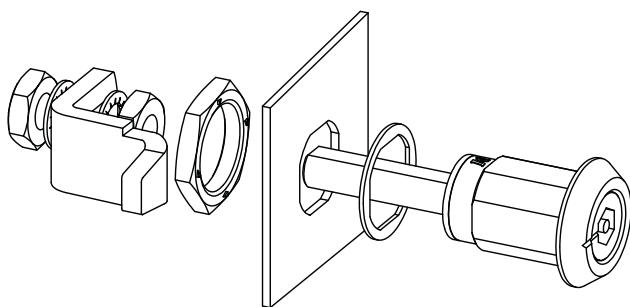
MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black coated	2

For cams please check page 88

For keys please check page: 98 - 99



Cam		CC	CH	CL	H Grip	
					min	max
1		01	0	33	32	58
2		02	14	33	24	72
3		03	27.5	33	10	85



040

COMPRESSION LOCK

New

IP 65



LH/RH

RoHS



- Used for the cabinets that require better sealing under vibration conditions.
- Lock has 6 mm compression ratio.
- Provides wide grip range with adjustable screw.
- Lock also provides noise isolation.
- Different driver alternatives are available.
- 3 different cam alternatives are available.

APPLICATIONS

Electric panels, machinery covers, railway applications, construction equipment

MATERIAL

HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1
 DRIVER : Zamak DIN-EN 1774-ZnAl4Cu1
 CAM : Steel
 GASKET : Rubber
 FINISH : Chrome or black coated

060 A3

FIXING DEVICE



- Can be ordered separately

PRODUCT CODE

040 - 2 - 1 - F - DD - CC
 GROUP CODE VERSION MATERIAL FINISH DRIVER CODE CAM

MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black coated	2

SECURE QUARTER TURN

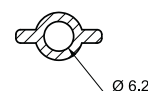
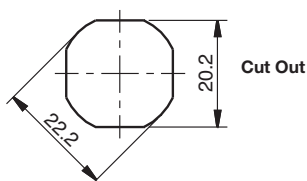
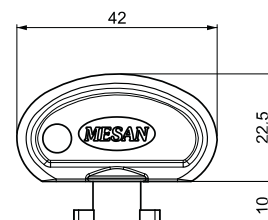
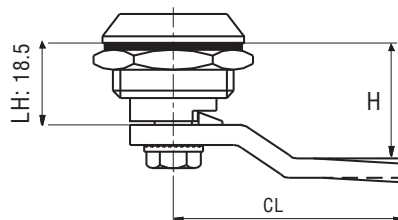
361

IP 65



LH/RH

RoHS



- When lock is open, key functions as a knob.
- Key is specific to this lock and should be ordered with lock.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

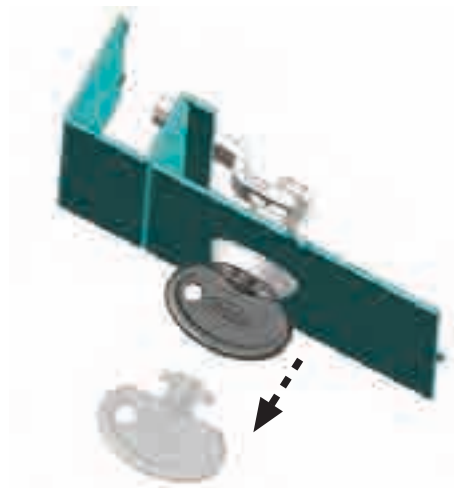
HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1

DRIVER : Zamak DIN-EN 1774-ZnAl4Cu1

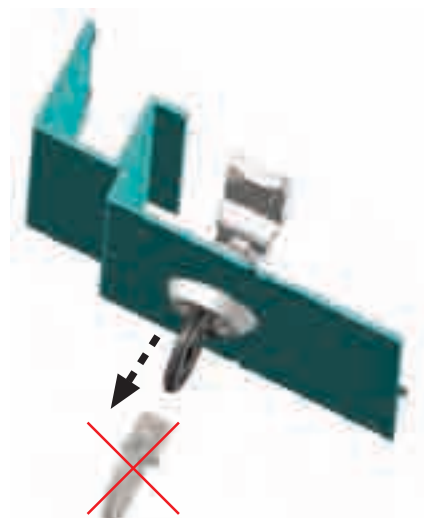
CAM : Steel

GASKET : Rubber

FINISH : Chrome or black coated



Key is removable at locked position



Key is not removable at open position, it works like a knob.

Lock

PRODUCT CODE

361	1	-	F	-	C C
GROUP CODE	MATERIAL		FINISH		CAM

Key

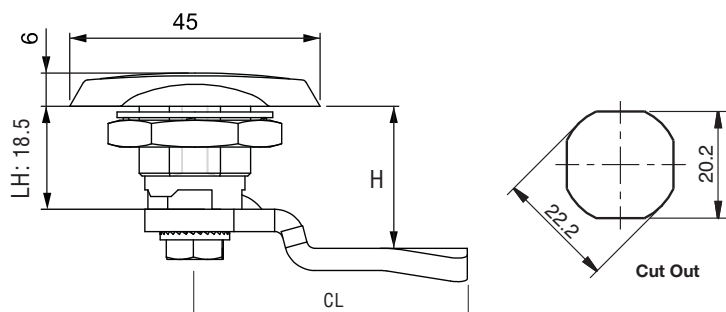
PRODUCT CODE

167	1	-	F
GROUP CODE	MATERIAL		FINISH

 For cams please check page 86 - 87

MATERIAL	M
Zamak	1

FINISH	F
Chrome	1
Black coated	2



561

Knob - ON LOCK (Plastic)

IP 65



LH/RH

RoHS



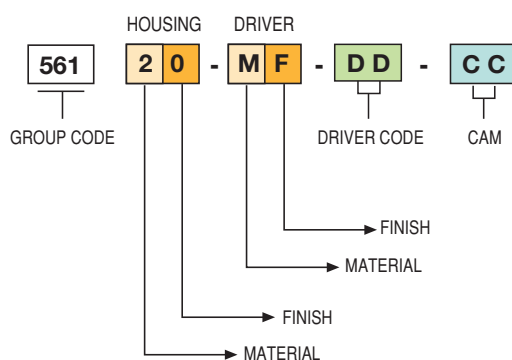
- Lock is designed to act as a knob.
- For special colours, please contact Mesan.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

HOUSING : Polyamide DIN-EN ISO 1043-1 PA6 GFR 30
 DRIVER : Zamak or PA6 GFR 30
 NUT : Zamak or PA6 GFR 30
 CAM : Steel or PA6 GFR 30



MATERIAL	M
Zamak	1
Plastic	2

FINISH	F
Chrome	1
Black coated	2
No Finish	0

- For cams please check page 86 - 87
- For drivers please check page: 102
- For keys please check page: 98 - 99

KNOB - ON LOCK (Plastic)

161

IP 65



LH/RH

RoHS



- Lock is designed to act as a knob.
- For special colours, please contact Mesan.

APPLICATIONS

Electric panels, machinery covers

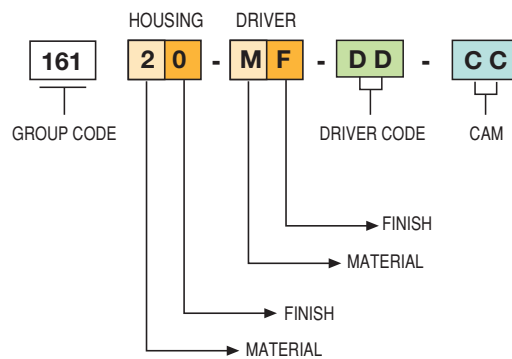
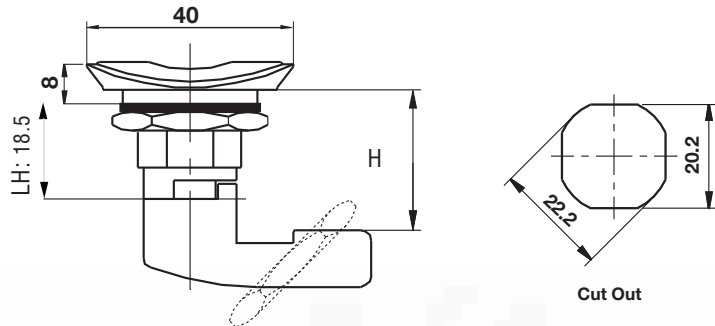
MATERIAL

HOUSING : Polyamide DIN-EN ISO
1043-1 PA6 GFR 30

DRIVER : Zamak or PA6 GFR 30

NUT : Zamak or PA6 GFR 30

CAM : Steel or PA6 GFR 30



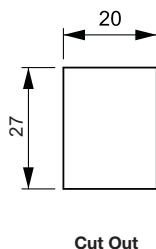
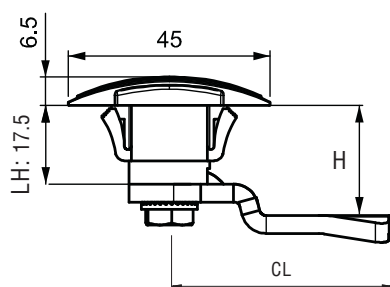
MATERIAL	M
Zamak	1
Plastic	2

FINISH	F
Chrome	1
Black coated	2
No Finish	0

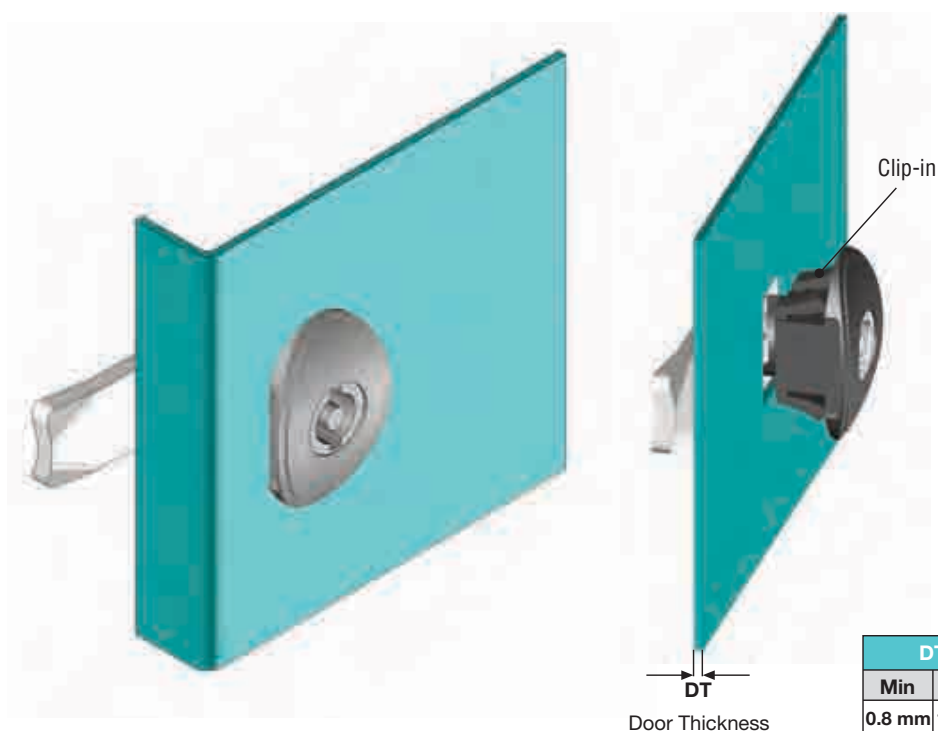
For cams please check page 86 - 87

For drivers please check page: 102

For keys please check page: 98 - 99



Cut Out



Door Thickness

DT	
Min	Max
0.8 mm	1.8 mm

261

KNOB - ON LOCK (Plastic)



LH/RH

RoHS



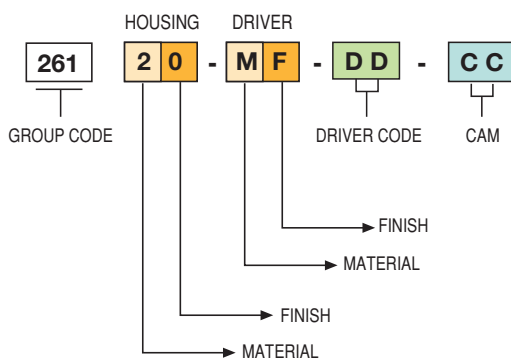
- Clip fixing for easy assembly.
- Mounting nut not required.
- Special 20mm x 26mm cut out.
- There is no IP 65 version of this lock.
- 1.8mm maximum panel thickness.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

HOUSING : Polyamide DIN-EN ISO
1043-1 PA6 GFR 30
DRIVER : Zamak or PA6 GFR 30
CAM : Steel or PA6 GFR 30



MATERIAL	M
Zamak	1
Plastic	2

FINISH	F
Chrome	1
Black coated	2
No Finish	0

- ▶ For cams please check page 86 - 87
- ▶ For drivers please check page: 102
- ▶ For keys please check page: 98 - 99

QUARTER TURN - SPRING CAM

160



L H

R H

RoHS

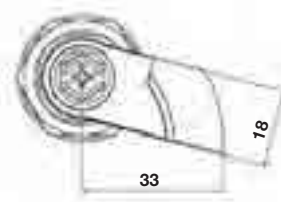
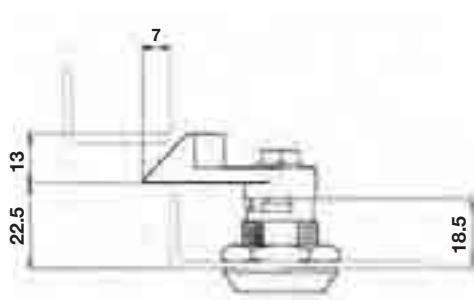
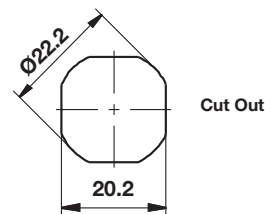
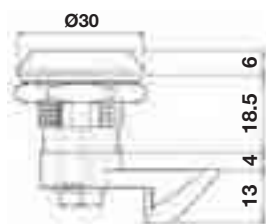
- Spring loaded cam provides depress-to-lock action.
- Distance between inside of lock face and front of cam is fixed at 22.5mm.
- There is no IP 65 version of this lock, due to the spring loaded cam.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1
 DRIVER : Zamak DIN-EN 1774-ZnAl4Cu11
 GASKET : Rubber
 FINISH : Chrome



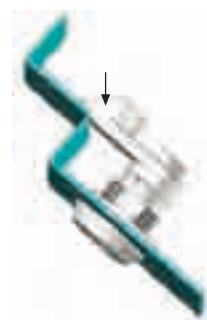
Position 1

Push the door



Position 2

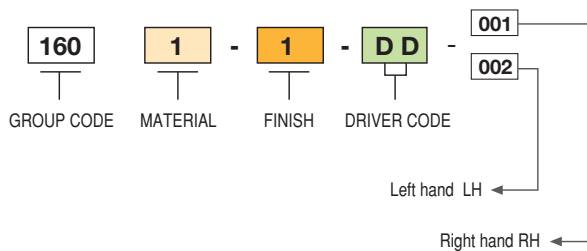
Cam will move upright when touches the body



Position 3

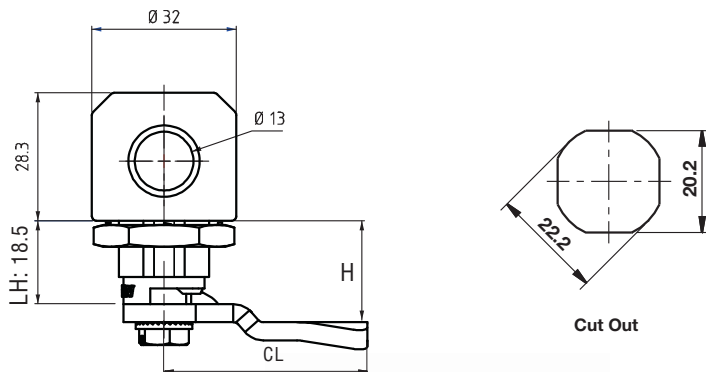
When the cam is free, cam will move downright by spring and the door will be locked.

PRODUCT CODE



For drivers please check page: 102

For keys please check page: 98 - 99



260

QUARTER TURN - PADLOCKABLE

New



LH/RH

RoHS



- Padlockable version.
- Can be used with different drivers.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1

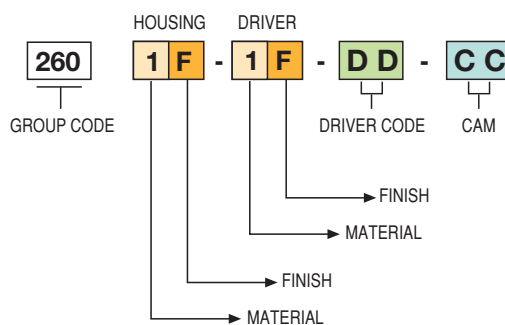
DRIVER : Zamak DIN-EN 1774-ZnAl4Cu1

CAM : Steel

GASKET : Rubber

FINISH

Chrome or black coated



MATERIAL	M
Zamak	1

FINISH	F
Chrome	1
Black coated	2

For cams please check page 86 - 87

For drivers please check page: 102

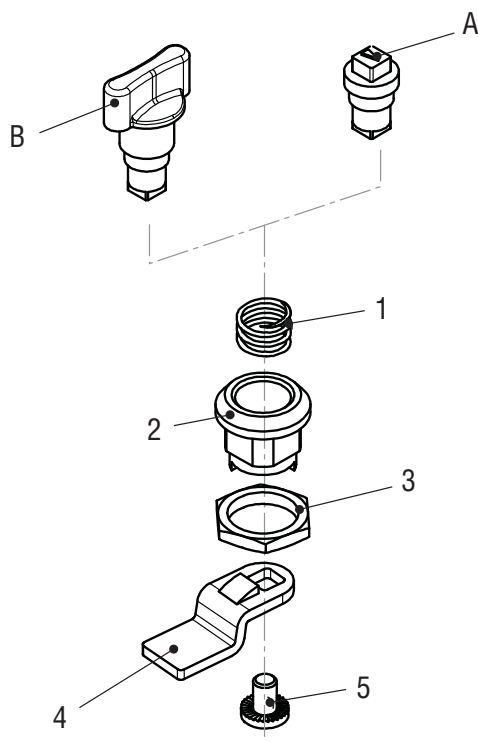
For keys please check page: 98 - 99

ASSEMBLY

Quarter turn locks

066

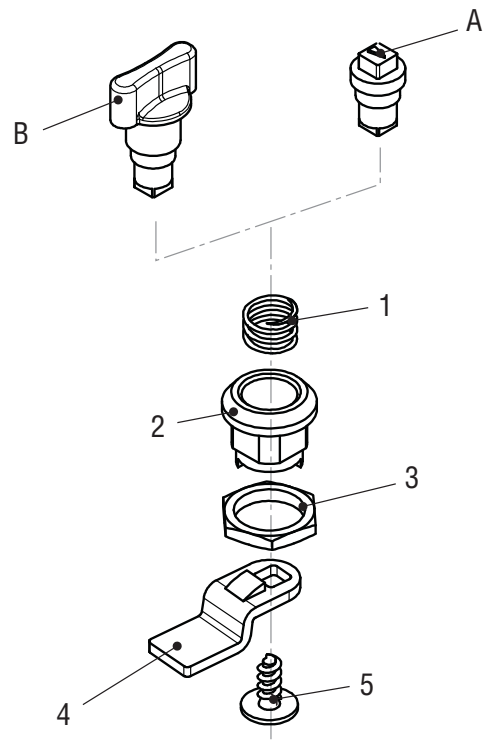
Zamak



A : Driver (066 system), zamak
B : Knob (166 system), zamak

- 1 : Spring
- 2 : Housing, (Ø 20) zamak
- 3 : Nut, zamak
- 4 : Cam
- 5 : Screw

Plastic



A : Driver (066 system), plastic
B : Knob (166 system), plastic

- 1 : Spring
- 2 : Housing, (Ø 20) plastic
- 3 : Nut, zamak
- 4 : Cam
- 5 : Screw

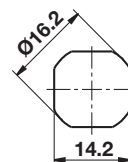
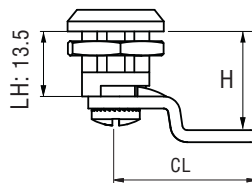
MINI QUARTER TURN - SPRING LOADED

066



LH/RH

RoHS



Cut Out

- Specially designed internal spring provides 1 mm torsion.
- Sealing washer not supplied.
- There is no IP 65 version of this lock.

APPLICATIONS

Electric panels, machinery covers

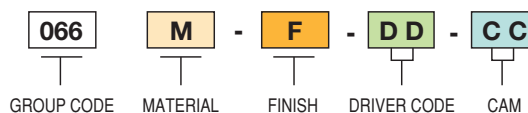
MATERIAL

HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1
or PA6 GFR 30DRIVER : Zamak DIN-EN 1774-ZnAl4Cu1
or PA6 GFR 30

CAM : Steel

066 1-1-DD-CC
ZAMAK - CHROME066 1-2-DD-CC
ZAMAK - BLACK COATED066 2-0-DD-CC
PLASTIC

PRODUCT CODE



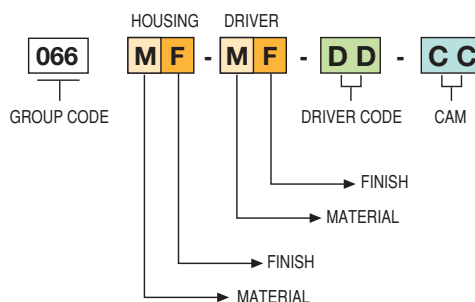
MATERIAL	M
Zamak	1
Plastic	2

FINISH	F
Chrome	1
Black coated	2
No Finish	0

Application key
Code: 267

6 mm square		M	F
DD		1	1
26		1	2
		2	0
7 mm Triangular		M	F
DD		1	1
37		1	2
		2	0
Slot		M	F
DD		1	1
42		1	2
		2	0

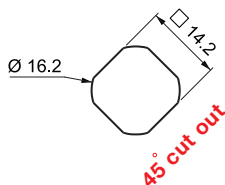
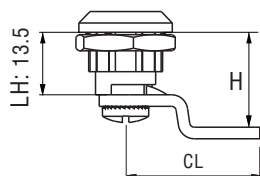
* For mixed material and finish lock orders please use below coding system



EXAMPLE

(11)
zamak - chrome(20)
plasticPRODUCT CODE
066 20-11-42-11

For cams please check page: 89



266 1-1-DD-CC
ZAMAK - CHROME



266 1-2-DD-CC
ZAMAK - BLACK COATED



266

MINI QUARTER TURN - SPRING LOADED



LH/RH

RoHS



- Specially designed internal spring provides 1 mm torsion.
- Sealing washer not supplied.
- There is no IP 65 version of this lock.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1
or PA6 GFR 30

DRIVER : Zamak DIN-EN 1774-ZnAl4Cu1
: or PA6 GFR 30

CAM : Steel

PRODUCT CODE

266	1	-	F	-	DD	-	CC
GROUP CODE	MATERIAL		FINISH		DRIVER CODE		CAM

MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black coated	2

For cams please check page: 89

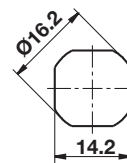
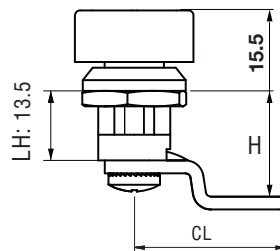
MINI QUARTER TURN - WING KNOB

166



LH/RH

RoHS



Cut Out

- Wing operates lock and serves as knob.
- Sealing washer not supplied.
- There is no IP 65 version of this lock.

APPLICATIONS

Electric panels, machinery covers

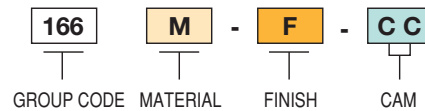
MATERIAL

HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1
or PA6 GFR 30KNOB : Zamak DIN-EN 1774-ZnAl4Cu1
or PA6 GFR 30

CAM : Steel

166 1-1-CC
ZAMAK - CHROME166 1-2-CC
ZAMAK - BLACK COATED166 2-0-CC
PLASTIC

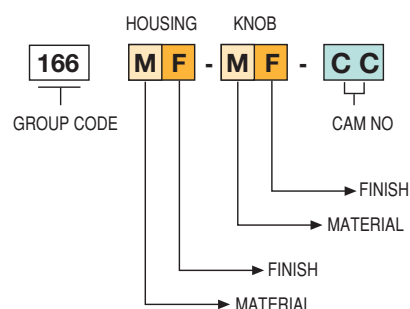
PRODUCT CODE



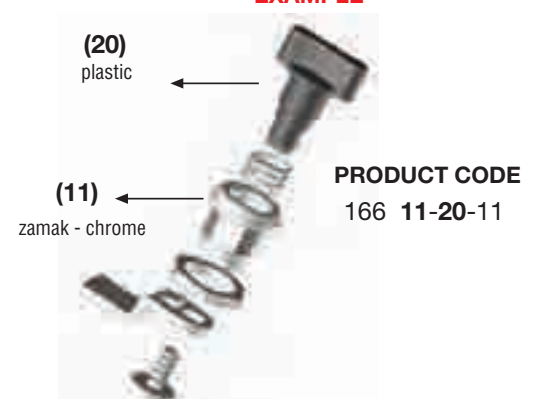
MATERIAL	M
Zamak	1
Plastic	2

FINISH	F
Chrome	1
Black coated	2
No Finish	0

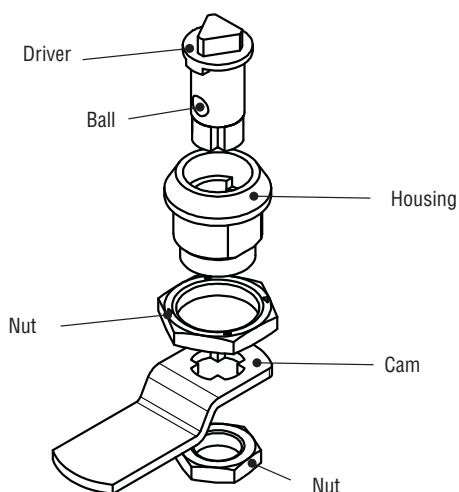
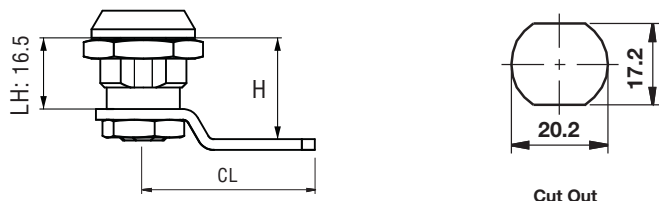
* For mixed material and finish lock orders please use below coding system



EXAMPLE



For cams please check page: 89



050

CAM LOCK - BALL



LH/RH

RoHS



- Special index action to assist locking and keep cam in position. Stable in open position.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1

CAM : Steel

FINISH : Chrome



267-39



169-66

Slot

DD

83



9 mm Triangular

DD

39



6 mm hexagon

DD

66



PRODUCT CODE

050

1

-

F

-

DD

-

CC

GROUP CODE

MATERIAL

FINISH

DRIVER CODE

CAM

MATERIAL	M
Zamak	1

FINISH	F
Chrome	1
Black coated	2

For cams please check page: 89

PADLOCKABLE - KNOB

055

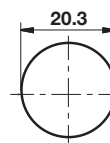
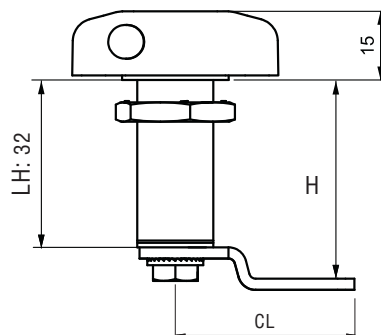
V : 1



LH

RH

RoHS



Cut Out

- Padlockable version.
- Maximum padlock shackle diameter 6 mm.

APPLICATIONS

Wooden cupboard

MATERIAL

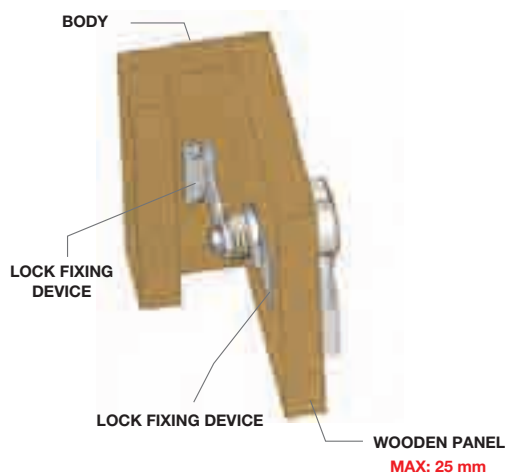
HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1

KNOB : Zamak DIN-EN 1774-ZnAl4Cu1

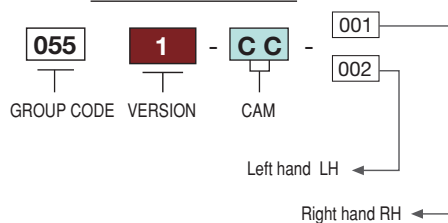
CAM : Steel

FINISH : Nickel Plated

Note: Not suitable to use with long hooked padlocks.

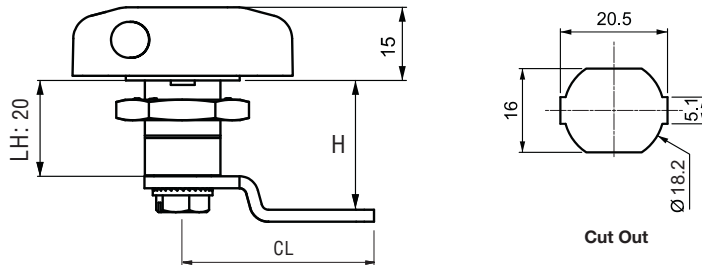


PRODUCT CODE



For cams please check page: 89

V : 3



055

PADLOCKABLE - KNOB



LH

RH

RoHS



- Padlockable version.
- Maximum padlock shackle diameter 6 mm.

APPLICATIONS

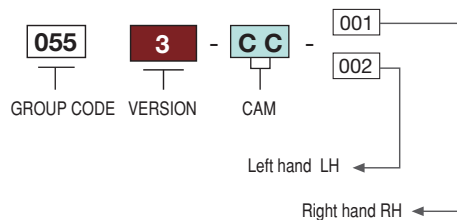
Steel drawers

MATERIAL

HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1
 KNOB : Zamak DIN-EN 1774-ZnAl4Cu1
 CAM : Steel
 FINISH : Nickel Plated

⚠ Note: Not suitable to use with long hooked padlocks.

PRODUCT CODE



For cams please check page: 89

QUARTER TURN LOCK

103



LH/RH

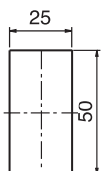
RoHS

APPLICATIONS

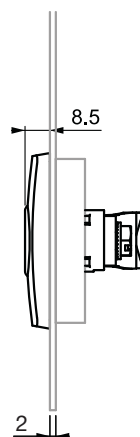
Electric panels, machinery covers

MATERIAL

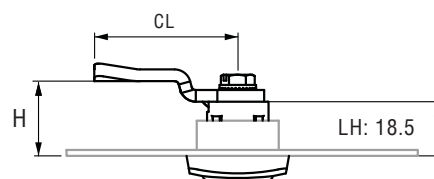
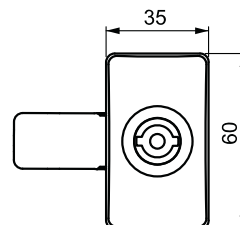
BODY : PA6 GFR 30
DRIVER : Zamak or PA6 GFR 30
CAM : Steel
SEAL : Polyurethane



Cut Out



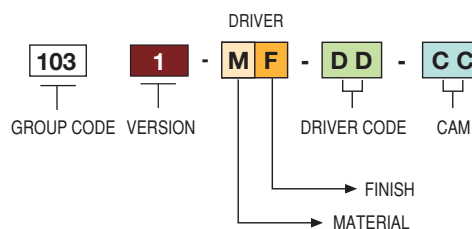
V : 1



For cams please check page 86 - 87

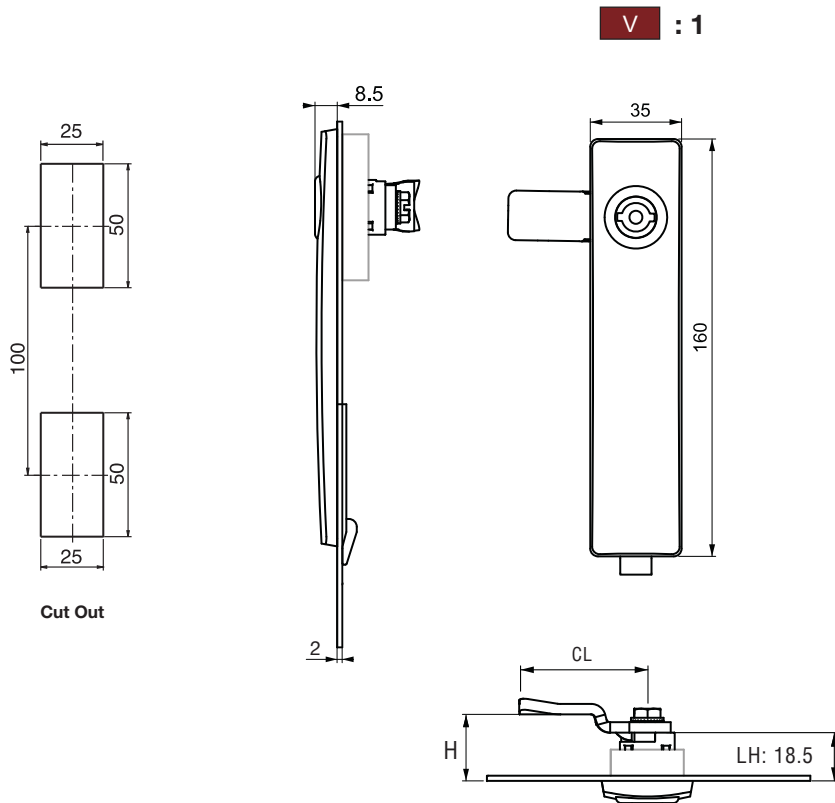
For drivers please check page: 102

For keys please check page: 98 - 99



203

QUARTER TURN LOCK



Cut Out



LH/RH

RoHS

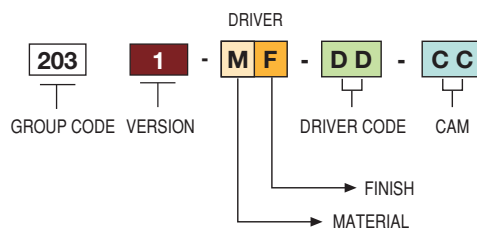


APPLICATIONS

Electric panels, machinery covers

MATERIAL

BODY : PA6 GFR 30
DRIVER : Zamak or PA6 GFR 30
CAM : Steel
SEAL : Polyurethane



- For cams please check page 86 - 87
- For drivers please check page: 102
- For keys please check page: 98 - 99

QUARTER TURN - WING KNOB

203



LH/RH

RoHS



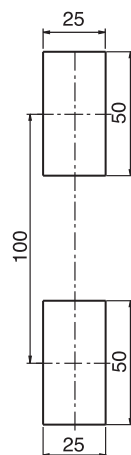
APPLICATIONS

Electric panels, machinery covers

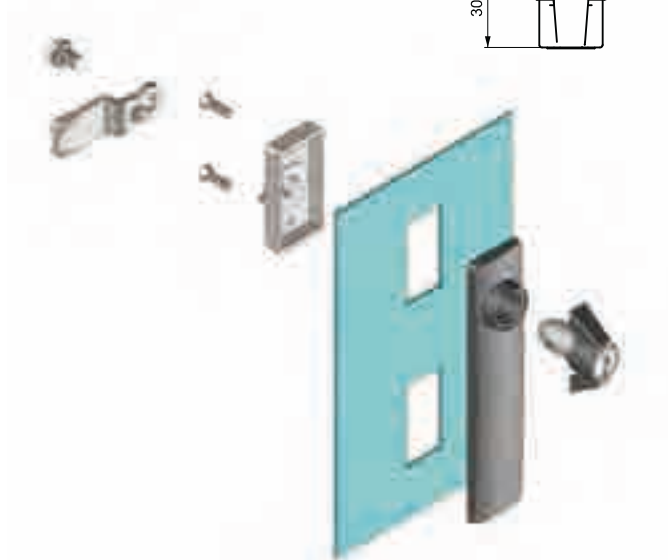
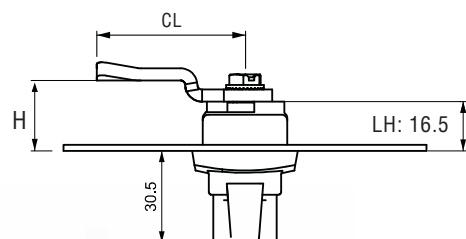
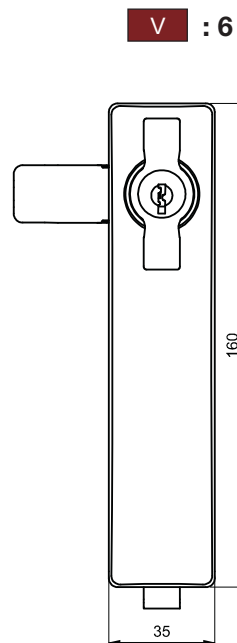
MATERIAL

BODY : PA6 GFR 30
 KNOB : PA6 GFR 30
 CAM : Steel
 SEAL : Polyurethane

No cylinder "00"



Cut Out



PRODUCT CODE

203 - 6 - DD - CC
 GROUP CODE VERSION CYLINDER CAM NO

For cams please check page 86 - 87

Cylinder	SPECIFICATIONS	DD
	No Cylinder	00
	Keyed alike	01
	Keyed differ	02
	Euro key (5333)	05



Quarter turn locks

1-6

Cam locks

Group code	Product name
063	Cam lock
065	Cam lock - wing knob
110	Cam lock - 'T' handle
111	Cam lock - 'L' handle
064	Cam lock - 'T' handle
064	Cam lock - 'L' handle
261	Knob - on lock
050	Cam lock
150	Cam lock
250	Cam lock
057	Mini cam lock
157	Mini cam lock
056	Hight sacurity cam lock

Page

140

141

142

143

144

145

146

147 -149

128

129

130

131

133



CAM LOCK

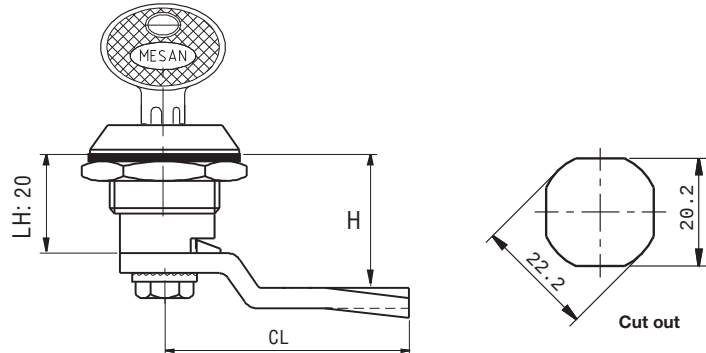
063

IP 65



LH/RH

RoHS



- Quarter turn operation.
- Body length is 20.5mm. Please be sure to order appropriate cam.
- Available in all die-cast zinc alloy or with polyamide housing
- IP 65 is available on the die-cast zinc alloy version only.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

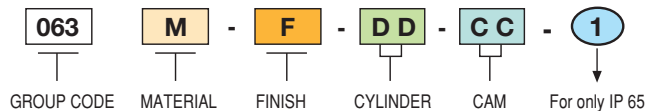
HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1
or PA6 GFR 30

CAM : Steel or PA6 GFR 30

GASKET : Rubber

063 1-1-DD-CC
ZAMAK - CHROME063 1-2-DD-CC
ZAMAK - BLACK COATED063 2-0-DD-CC
PLASTIC

PRODUCT CODE

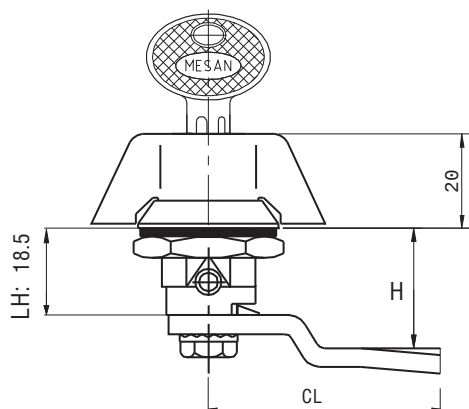


MATERIAL	M
Zamak	1
Plastic	2

FINISH	F
Chrome	1
Black coated	2
No Finish	0

 For cams please check page: 86 - 87

Cylinder	SPECIFICATIONS	DD
	Keyed alike	01
	Keyed differ	02
	Stainless steel dust cap (Keyed alike)	03
	Stainless steel dust cap (Keyed differ)	32
	Master System	04
	Euro key (5333)	05



065

CAM LOCK - WING KNOB

IP 65



LH/RH

RoHS


065 1-1-DD-CC
ZAMAK - CHROME

065 1-2-DD-CC
ZAMAK - BLACK COATED

065 2-0-DD-CC
PLASTIC


- Quarter turn operation.
- Available in all die-cast zinc alloy or with polyamide wing knob and housing.
- Optional blind version.
- Optional IP 65 version.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1

CAM : Steel or PA6 GFR 30

GASKET : Rubber

PRODUCT CODE

065 **M** - **F** - **DD** - **CC** - **1**
 GROUP CODE MATERIAL FINISH CYLINDER CAM For only IP 65

MATERIAL	M
Zamak	1
Plastic	2

FINISH	F
Chrome	1
Black coated	2
No Finish	0

Cylinder	SPECIFICATIONS	DD
	Keyed alike	01
	Keyed differ	02
	Stainless steel dust cap (Keyed alike)	03
	Stainless steel dust cap (Keyed differ)	32
	Master System	04
	Euro key (5333)	05

No cylinder "00"



For cams please check page: 86 - 87

CAM LOCK - "T" HANDLE

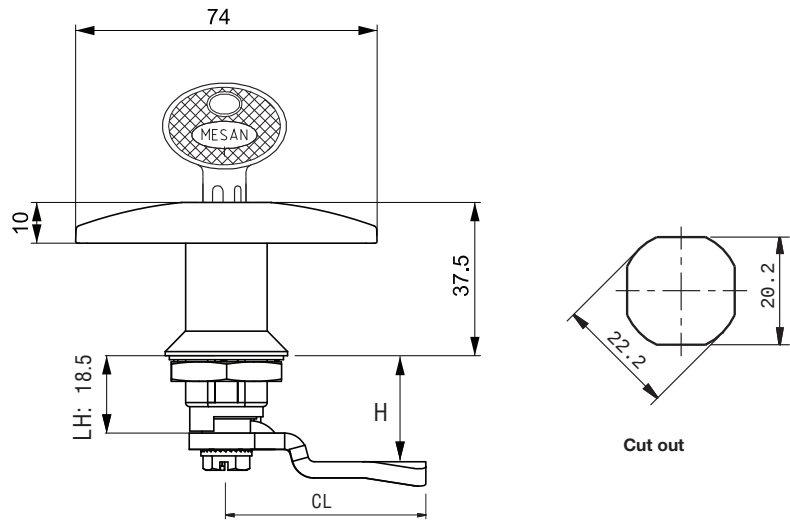
110

IP 65



LH/RH

RoHS



- Quarter turn operation.
- Available in all die-cast zinc alloy or with polyamide wing handle and housing.
- Optional blind version.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1
 CAM : Steel or PA6 GFR 30
 GASKET : Rubber

110 1-1-DD-CC
 ZAMAK - CHROME



110 1-2-DD-CC
 ZAMAK - BLACK COATED



110 2-0-DD-CC
 PLASTIC



No cylinder "00"



PRODUCT CODE

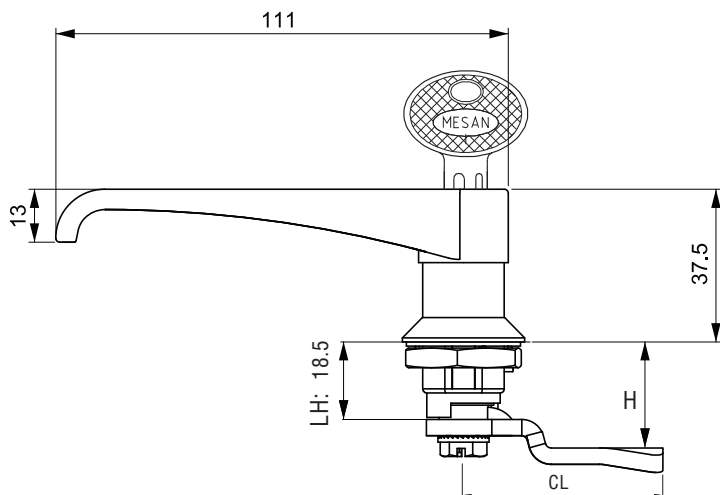
110	M	-	F	-	DD	-	CC
GROUP CODE	MATERIAL		FINISH		CYLINDER		CAM

MATERIAL	M
Zamak	1
Plastic	2

FINISH	F
Chrome	1
Black coated	2
No Finish	0

For cams please check page: 86 - 87

Cylinder	SPECIFICATIONS	DD
	No cylinder	00
	Keyed alike	01
	Keyed differ	02
	Euro key (5333)	05



111 1-1-DD-CC
ZAMAK - CHROME

111 1-2-DD-CC
ZAMAK - BLACK COATED

111 2-0-DD-CC
PLASTIC



PRODUCT CODE

111	M	-	F	-	DD	-	CC
GROUP CODE	MATERIAL		FINISH		CYLINDER		CAM

MATERIAL	M
Zamak	1
Plastic	2

FINISH	F
Chrome	1
Black coated	2
No Finish	0

Cylinder	SPECIFICATIONS	DD
	No cylinder	00
	Keyed alike	01
	Keyed differ	02
	Euro key (5333)	05

111

CAM LOCK - "L" HANDLE

IP 65



LH/RH

RoHS



- Quarter turn operation.
- Available in all die-cast zinc alloy or with polyamide wing handle and housing.
- Optional blind version.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1
CAM : Steel or PA6 GFR 30
GASKET : Rubber

No cylinder "00"



For cams please check page: 86 - 87

CAM LOCK - "T" HANDLE

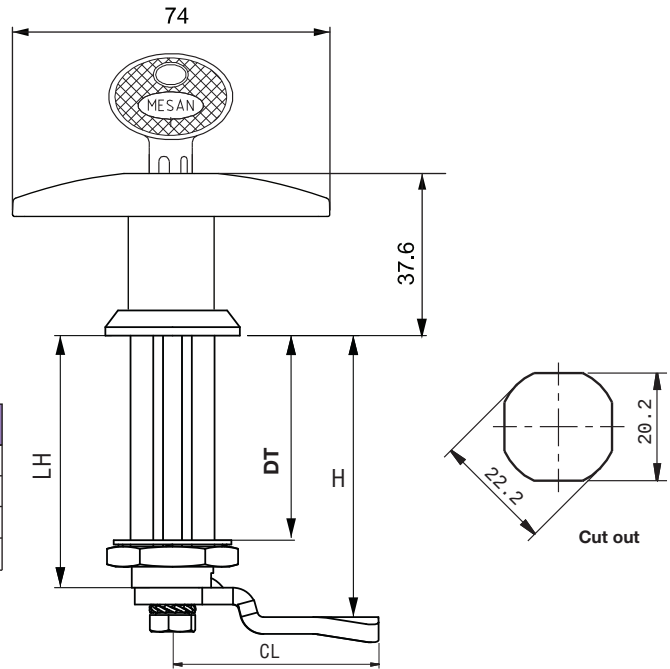
064



LH/RH

RoHS

DT	LH
20	30
30	40
40	50
50	60



- Especially useful for sound-proof or isolated doors.
- Lock supplied with adapter suitable to housing as standard.
- Available in all die-cast zinc alloy or with polyamide wing handle and housing.
- Optional blind version.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1

CAM : Steel

GASKET : Rubber

064 110-DT-1-1-DD-CC
ZAMAK - CHROME



064 110-DT-1-2-DD-CC
ZAMAK - BLACK COATED



064 110-DT-2-0-DD-CC
PLASTIC



No cylinder "00"



PRODUCT CODE

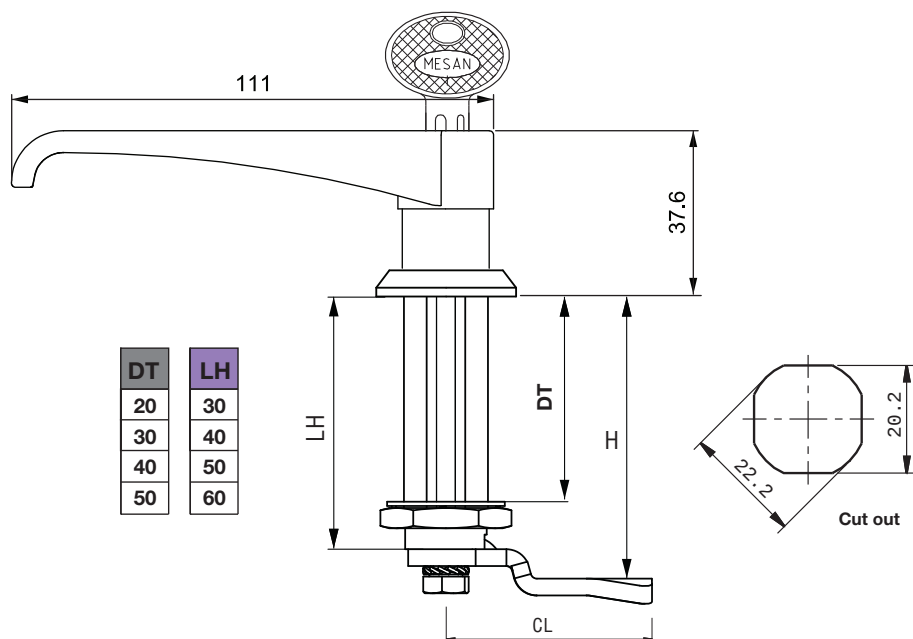
064	-	110	-	DT	-	M	-	F	-	DD	-	CC
GROUP CODE		HANDLE		DOOR THICKNESS		MATERIAL		FINISH		CYLINDER		CAM

MATERIAL	M
Zamak	1
Plastic	2

FINISH	F
Chrome	1
Black coated	2
No Finish	0

 For cams please check page: 86 - 87

Cylinder	SPECIFICATIONS	DD
	No cylinder	00
	Keyed alike	01
	Keyed differ	02
	Euro key (5333)	05



064 111-DT-1-1-DD-CC
ZAMAK - CHROME

064 111-DT-1-2-DD-CC
ZAMAK - BLACK COATED

064 111-DT-2-0-DD-CC
PLASTIC



PRODUCT CODE

064	-	111	-	DT	-	M	-	F	-	DD	-	CC
GROUP CODE		HANDLE		DOOR THICKNESS		MATERIAL		FINISH		CYLINDER		CAM

MATERIAL	M
Zamak	1
Plastic	2

FINISH	F
Chrome	1
Black coated	2
No Finish	0

Cylinder	SPECIFICATIONS	DD
	No cylinder	00
	Keyed alike	01
	Keyed differ	02
	Euro key (5333)	05

064

CAM LOCK - "L" HANDLE



LH/RH

RoHS



- Especially useful for sound-proof or isolated doors.
- Lock supplied with adapter suitable to housing as standard.
- Available in all die-cast zinc alloy or with polyamide wing handle and housing.
- Optional blind version.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1

CAM : Steel

GASKET : Rubber

No cylinder "00"



For cams please check page: 86 - 87

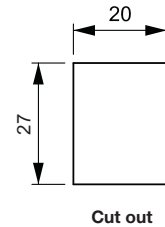
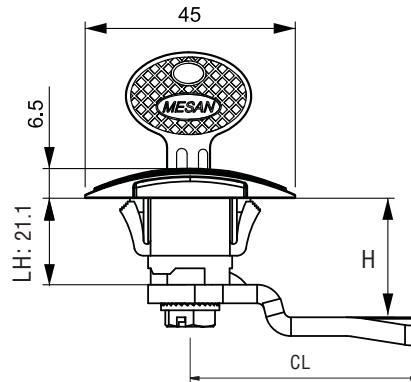
KNOB - ON LOCK

261



LH/RH

RoHS



Cut out

- Clip fixing for easy assembly.
- Mounting nut not required.
- Special 20mm x 26mm cut out.
- There is no IP 65 version of this lock.
- 1.8mm maximum panel thickness.

APPLICATIONS

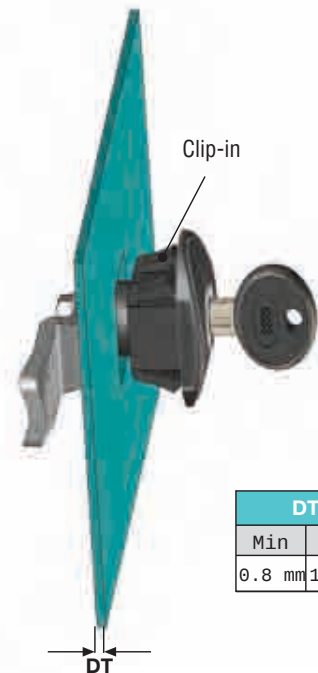
Electric panels, machinery covers

MATERIAL

HOUSING : Polyamide DIN-EN ISO
1043-1 PA6 GFR 10

CYLINDER : Zamak DIN-EN 1774-ZnAl4Cu1

CAM : Steel or PA6 GFR 30



DT	
Min	Max
0.8 mm	1.8 mm

Door Thickness

PRODUCT CODE

261	2	-	0	-	DD	-	CC
GROUP CODE	MATERIAL		FINISH		CYLINDER		CAM

MATERIAL	M
Plastic	2

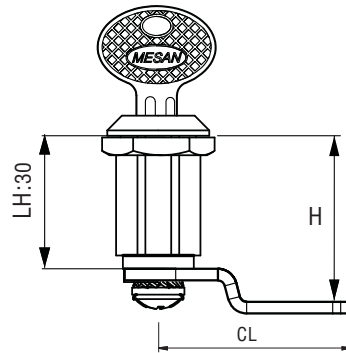
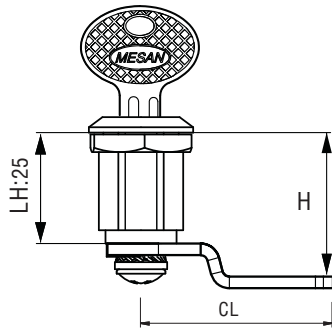
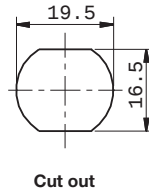
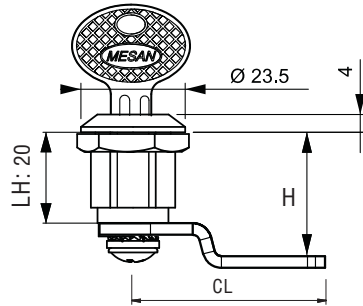
FINISH	F
No Finish	0

 For cams please check page: 86 - 87

Cylinder	SPECIFICATIONS	DD
	Keyed alike	01
	Keyed differ	02
	Stainless steel dust cap (Keyed alike)	03
	Stainless steel dust cap (Keyed differ)	32
	Master System	04
	Euro key (5333)	05

050

CAM LOCK



APPLICATIONS

Steel drawers, wooden cupboard,

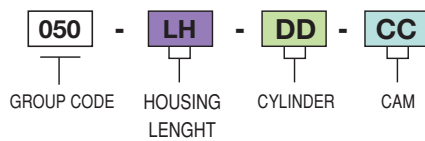
MATERIAL

HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1

CAM : Steel

FINISH : Chrome

PRODUCT CODE



product	SPECIFICATIONS	DD
LH: 25, 30	Keyed alike	01
LH: 25, 30	Keyed differ	02
LH: 20	Stainless steel dust cap (Keyed alike)	03
LH: 20	Stainless steel dust cap (Keyed differ)	32

For cams please check page: 89

CAM LOCK

050



- Available with 90° or 180° cam rotation.
- Version 3-4-5-6-7-9 No need to remove the cam for fixing.
- Versions available to fit M19 or M20 mounting hole.
- Key removable versions are available. Non removable key is optional at 90° key rotation
- Optional stainless steel dust cover.

APPLICATIONS

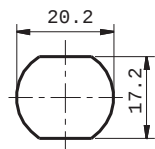
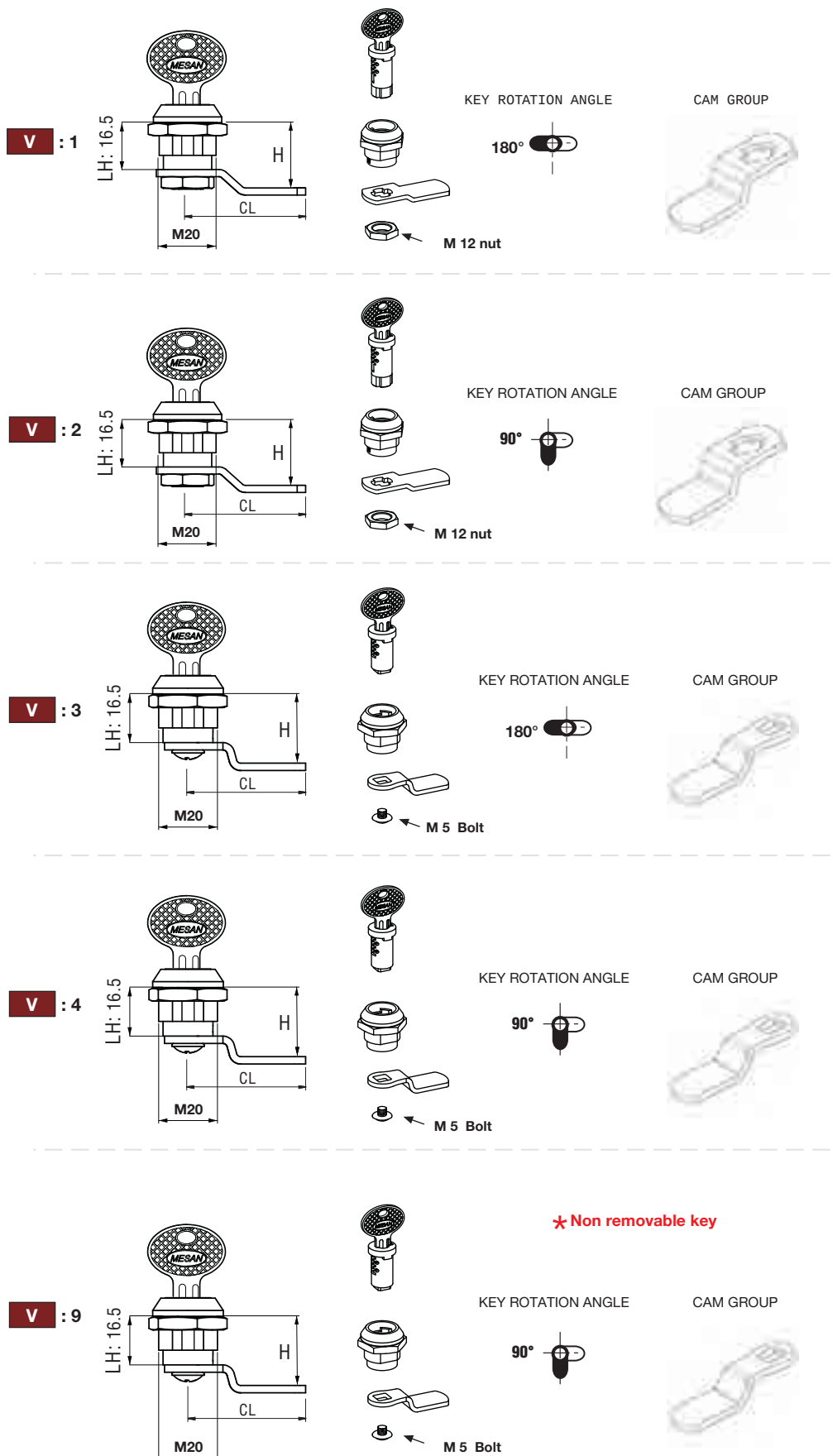
Briefcases, steel drawers, machinery covers

MATERIAL

HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1

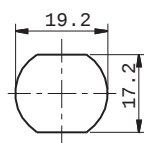
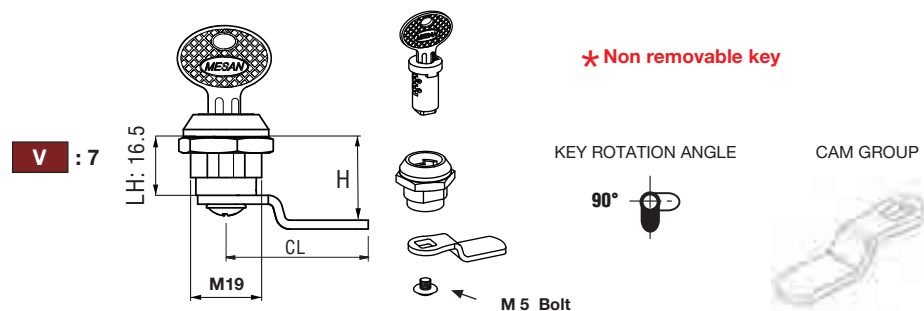
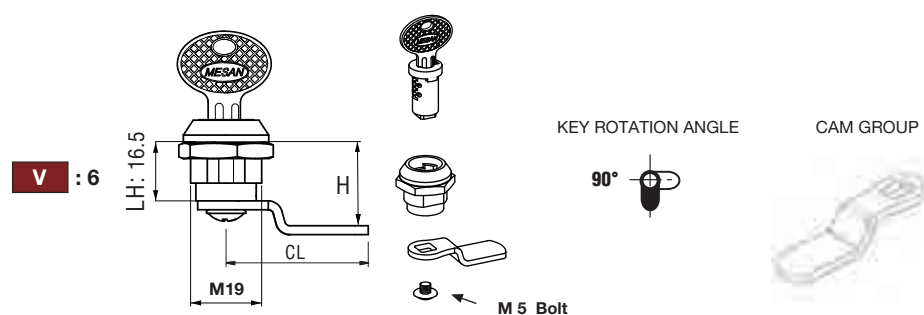
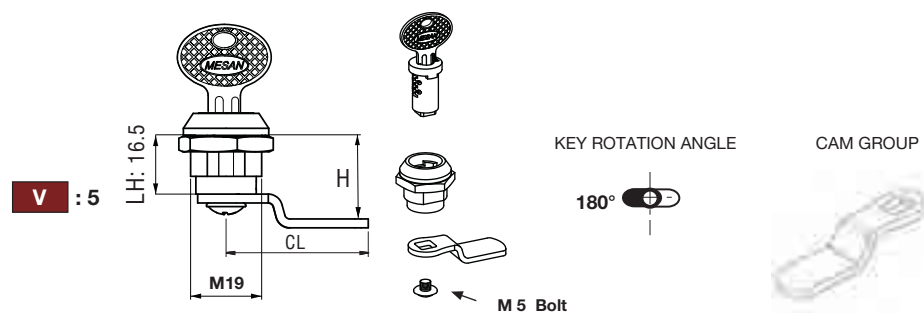
CAM : Steel

FINISH : Chrome

Version 1,2,3,4,9
Cut out
 For cams please check page: 89


050

CAM LOCK


Version 5,6,7
Cut out

PRODUCT CODE

050	V	-	DD	-	CC
GROUP CODE	VERSION		CYLINDER		CAM

Cylinder	SPECIFICATIONS	DD
	Keyed alike	01
	Keyed differ	02
	Stainless steel dust cap (Keyed alike)	03
	Stainless steel dust cap (1000 Keyed differ)	32
	Euro key (5333)	06

For cams please check page: 89

CAM LOCK

150



- Designed for polyester cabinets. Very thin head profile.
- Please note special shape of mounting hole.

APPLICATIONS

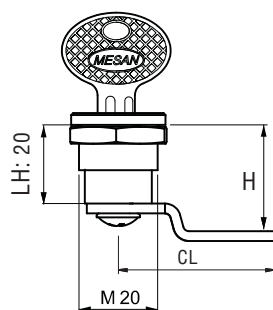
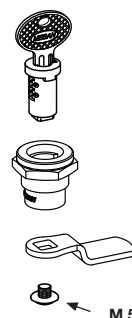
Polyester cabinet, machinery covers

MATERIAL

HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1

CAM : Steel

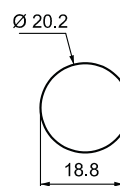
FINISH : Chrome

**Non removable key**

KEY ROTATION ANGLE



CAM GROUP



Cut out

PRODUCT CODE

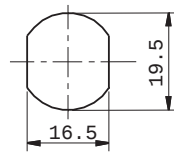
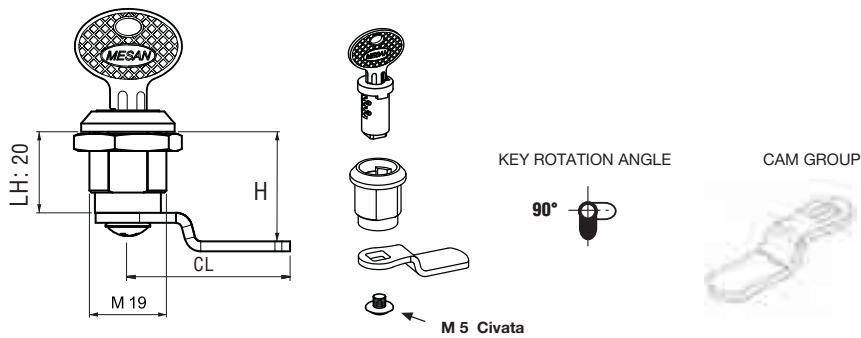
150	-	20	-	DD	-	CC
GROUP CODE		HOUSING LENGTH		CYLINDER		CAM

 For cams please check page: 89

Cylinder	SPECIFICATIONS	
	Keyed alike	01
	Keyed differ	02
	Stainless steel dust cap (Keyed alike)	03
	Stainless steel dust cap (1000 Keyed differ)	32
	Euro key (5333)	06

250

CAM LOCK



Cut out



APPLICATIONS

Briefcases, steel drawers, machinery covers

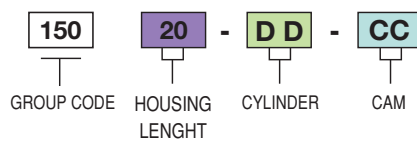
MATERIAL

HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1

CAM : Steel

FINISH : Chrome

PRODUCT CODE



Cylinder	SPECIFICATIONS	DD
	Keyed alike	01
	Keyed differ	02
	Stainless steel dust cap (Keyed alike)	03
	Stainless steel dust cap (1000 Keyed differ)	32
	Euro key (5333)	06

For cams please check page: 89

MINI CAM LOCK

057



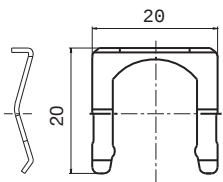
- Keyed differ has max 100 key combination.

APPLICATIONS

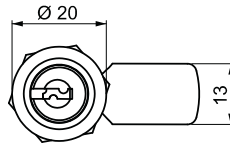
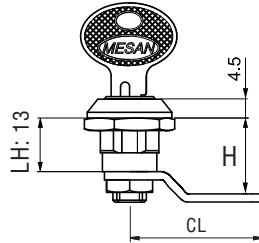
Metal drawers, metal cabinets, post boxes

MATERIAL

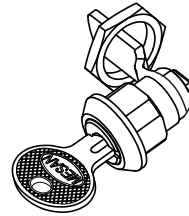
HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1
 CAM : Steel
 FINISH : Chrome



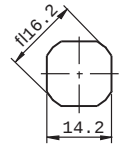
Thickness : 0.7 mm



V : 1

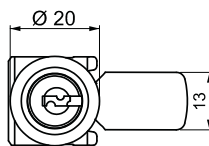
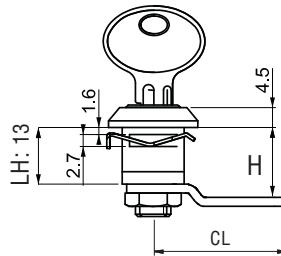


Fixed by nut

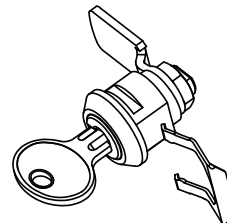


Cut out

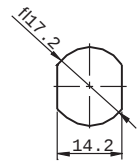
KEY ROTATION ANGLE



V : 3



Fixed by clips



Cut out

KEY ROTATION ANGLE



PRODUCT CODE

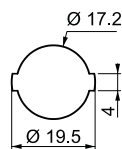
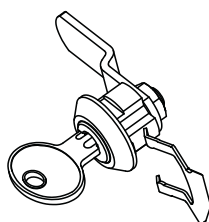
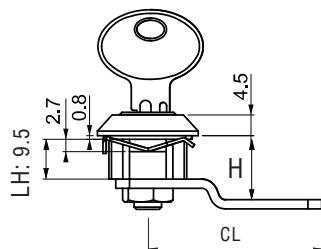
057 V - DD - CC
 GROUP CODE VERSION CYLINDER CAM

For cams please check page: 89

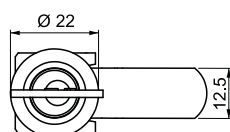
Cylinder	SPECIFICATIONS	DD
	Keyed alike	01
	Keyed differ	02

157

MINI CAM LOCK

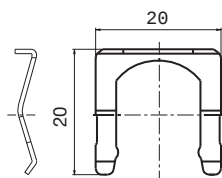


Cut out



Fixed by clips

KEY ROTATION ANGLE



Thickness : 0.7 mm



- It is suitable for both steel and aluminium profile by its special housing

APPLICATIONS

Metal drawers, metal cabinets, post boxes

MATERIAL

HOUSING : Zamak DIN-EN 1774-ZnAl4Cu1

CAM : Steel

Stock code	CC	CH	CL	H	
30403487	27	0	16	9.5	
31403040	28	1	33	10.5	
31403032	23	1	38	10.5	
30403469	24	5	38	14,5	
31403041	29	6	30	15.5	▶ Hook cam

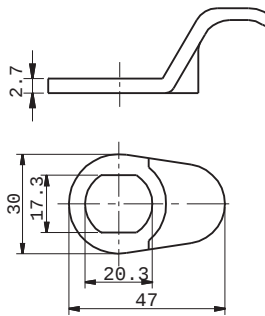
PRODUCT CODE

157	-	DD	-	CC
GROUP CODE		CYLINDER		CAM

Cylinder	SPECIFICATIONS	DD
	Keyed alike	01
	Keyed differ	02

HANDLE FOR LOCK

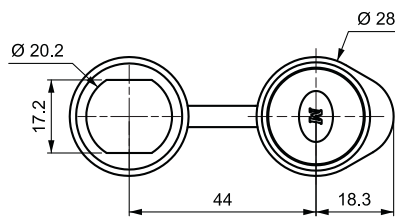
050 A3



DUST CAP

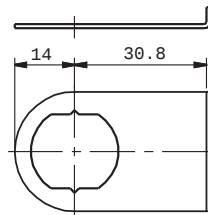
050 A4

New



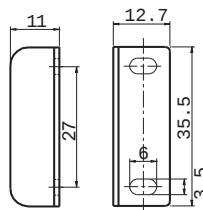
CAM LOCK FIXING DEVICE FOR GLASS

050 A1



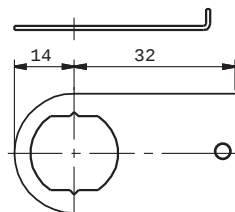
LOCK FIXING DEVICE

030 A1



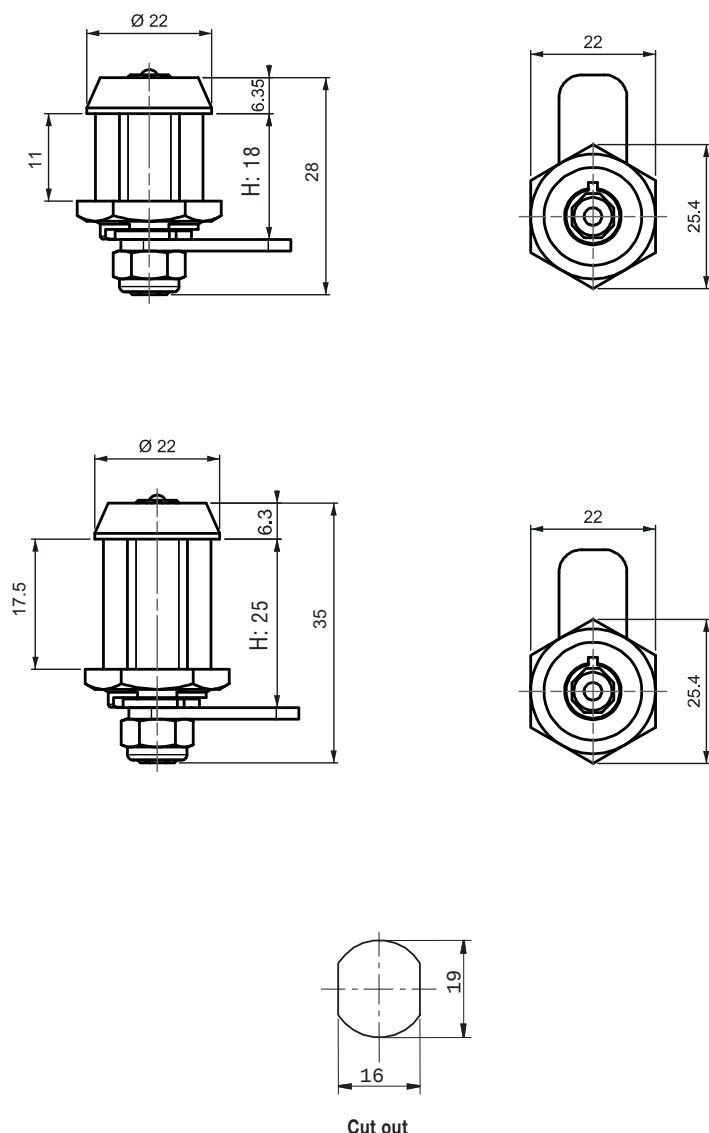
CAM LOCK FIXING DEVICE FOR WOOD

055 A1



056

HIGH SECURITY CAM LOCK



- High security lock
- Unique key combination available
- Two different housing length (18 mm- 25 mm)
- For different cam alternatives, please contact with Mesan.

APPLICATIONS

Metal cabinets, post boxes

MATERIAL

HOUSING : Brass

CAM : Steel

NUT : Brass

PRODUCT CODE

056 - H - DD

GROUP CODE GRIP CYLINDER

Cylinder	SPECIFICATIONS	DD
	Keyed alike	01
	Keyed differ	02

Page

158

159

160

161

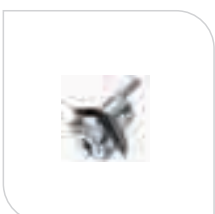
162

163

164

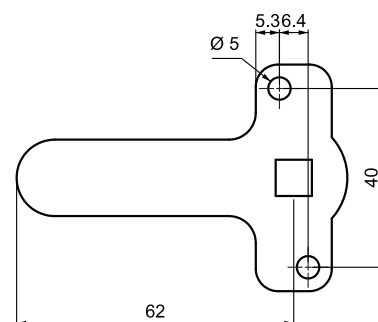
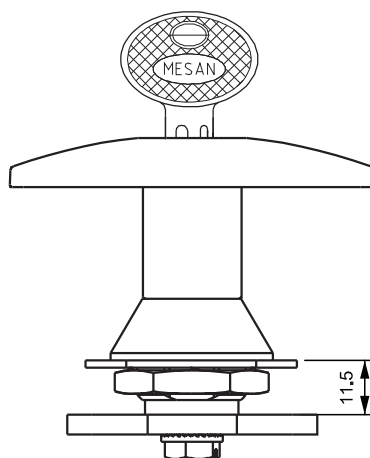
165

166



CAM LOCK - 'T' HANDLE

010



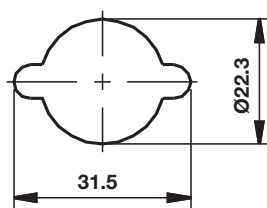
APPLICATIONS

Electric panels, metal document cabinets.

MATERIAL

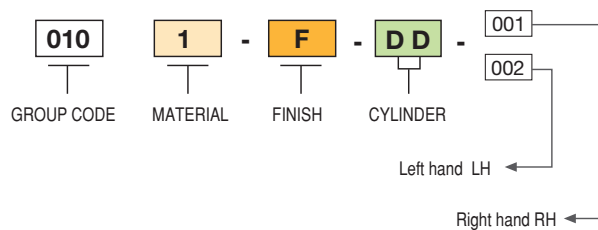
BODY : Zamak DIN-EN 1774-ZnAl4Cu1

CAM : Steel



Cut Out

PRODUCT CODE



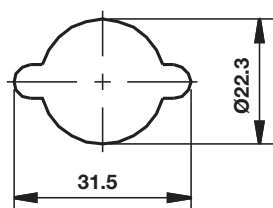
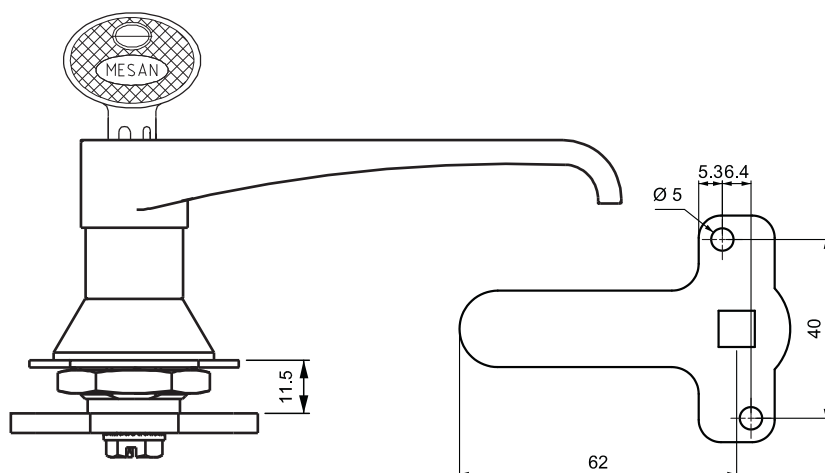
MATERIAL	M
Zamak	1

FINISH	F
Chrome	1
Black coated	2

Cylinder	SPECIFICATIONS	DD
	No cylinder	00
	Keyed alike	01
	Keyed differ	02
	Euro key (5333)	05

011

CAM LOCK - 'L' HANDLE



Cut Out



APPLICATIONS

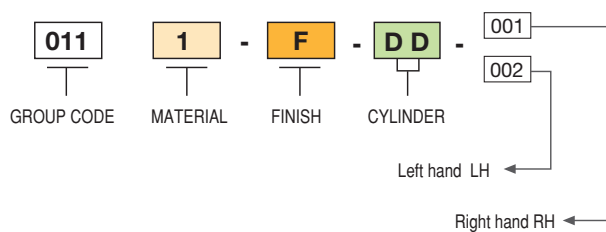
Electric panels, metal document cabinets.

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1

CAM : Steel

PRODUCT CODE

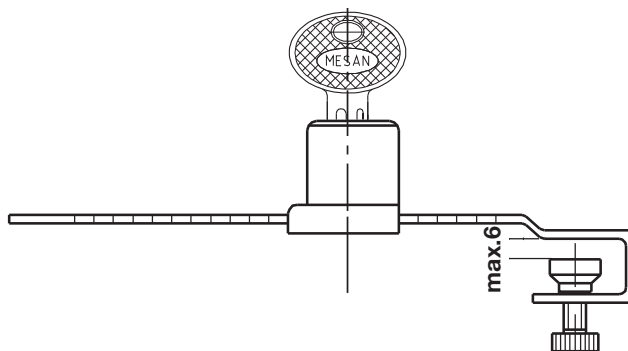


MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black coated	2

Cylinder	SPECIFICATIONS	DD
	No cylinder	00
	Keyed alike	01
	Keyed differ	02
	Euro key (5333)	05

SLIDING GLASS DOOR LOCK

020



APPLICATIONS

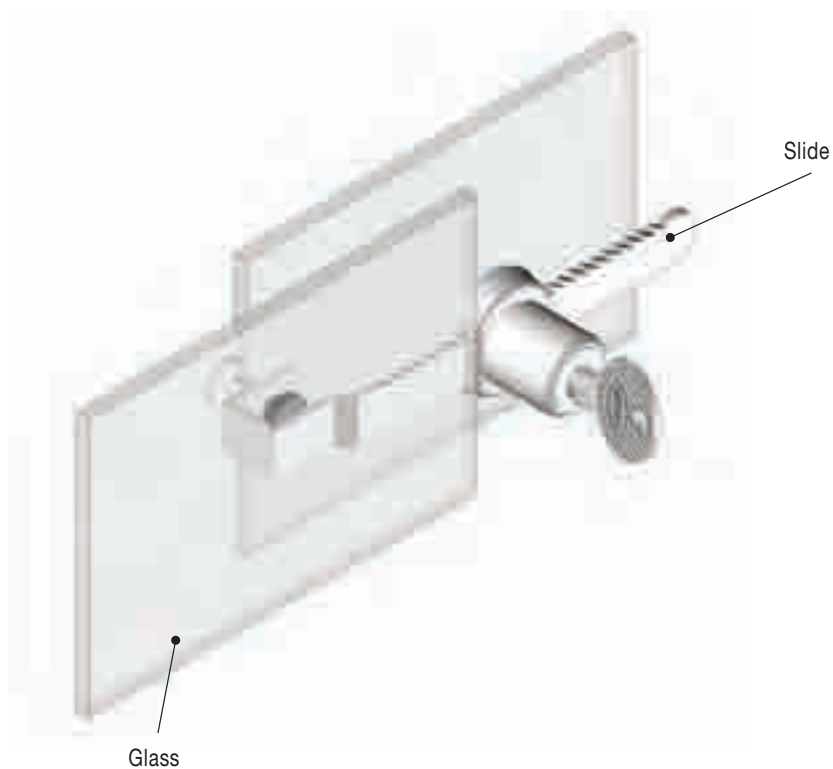
Glass cabinets

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1

SLIDE : Stainless steel (AISI 304)

FINISH : Chrome plated



PRODUCT CODE

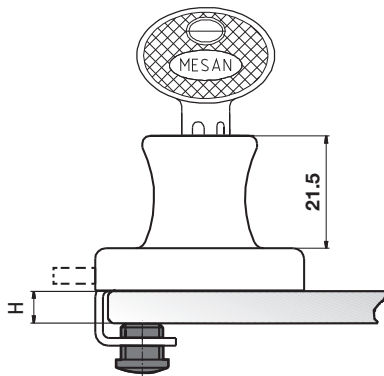
020 - DD

GROUP CODE CYLINDER

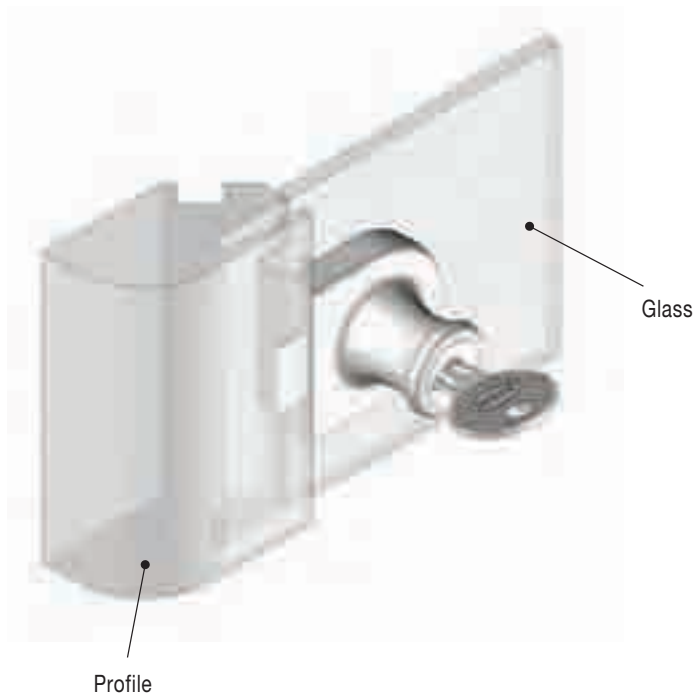
Cylinder	SPECIFICATIONS	DD
	Keyed alike	01
	Keyed differ	02

021

SLIDING GLASS DOOR LOCK



H= Glass Thickness
H= min.4 ~ max.7 mm



APPLICATIONS

Glass cabinets

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1

FINISH : Chrome plated

PRODUCT CODE

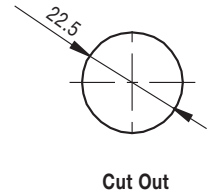
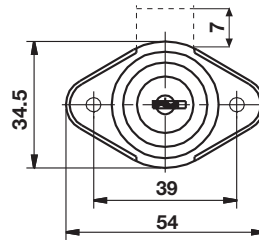
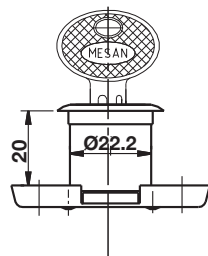
021 - DD

GROUP CODE CYLINDER

Cylinder	SPECIFICATIONS	DD
	Keyed alike	01
	Keyed differ	02

FURNITURE LOCK

030



MATERIAL

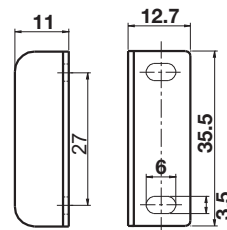
BODY : Zamak DIN-EN 1774-ZnAl4Cu1

CAM : Steel



LOCK FIXING DEVICE

030 A1



PRODUCT CODE

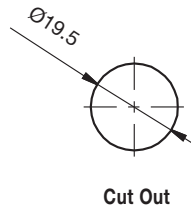
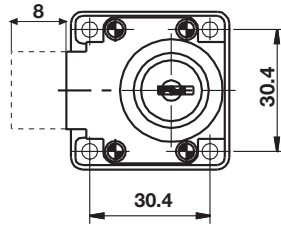
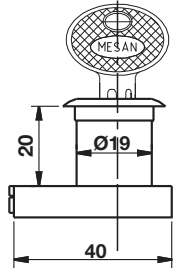
030 - DD

GROUP CODE CYLINDER

Cylinder	SPECIFICATIONS	DD
	Keyed alike	01
	Keyed differ	02

032

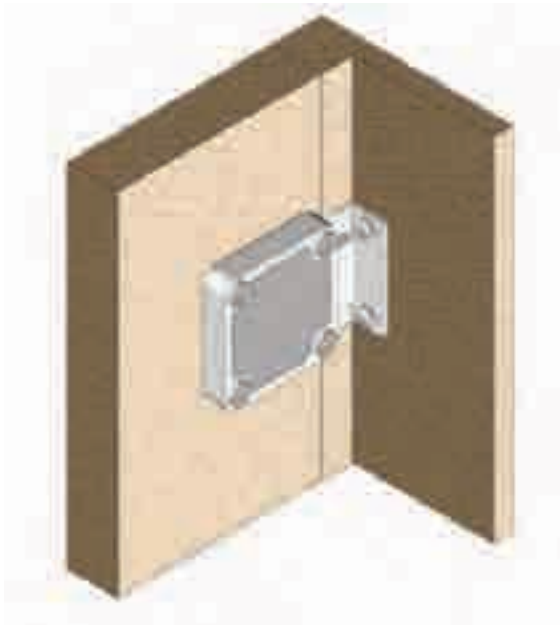
FURNITURE LOCK



MATERIAL

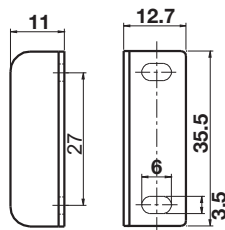
BODY : Zamak DIN-EN 1774-ZnAl4Cu1

CAM : Zamak DIN-EN 1774-ZnAl4Cu1



030 A1

LOCK FIXING DEVICE



PRODUCT CODE

032

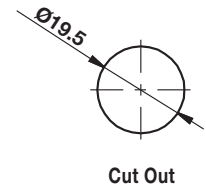
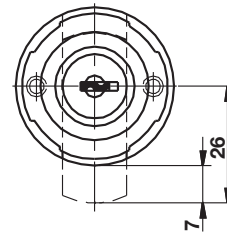
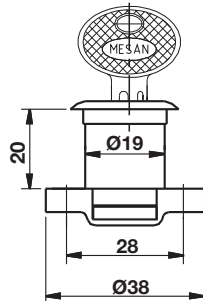
- DD

GROUP CODE CYLINDER

Cylinder	SPECIFICATIONS	DD
	Keyed alike	01
	Keyed differ	02

FURNITURE LOCK

033



MATERIAL

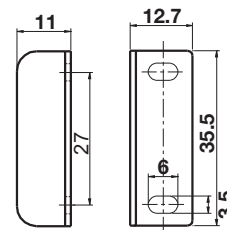
BODY : Polyamide DIN-EN ISO 1043-1
Pa6 GFR 30

CAM : Steel



LOCK FIXING DEVICE

030 A1



PRODUCT CODE

033 - DD

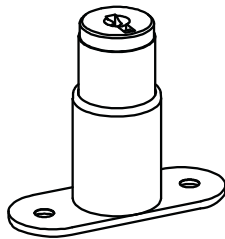
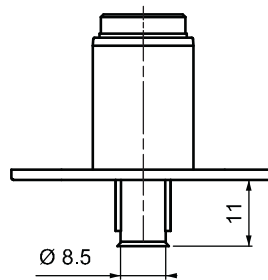
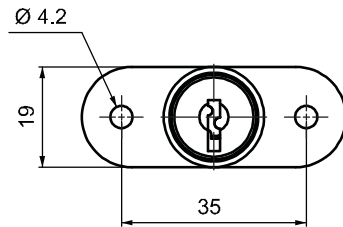
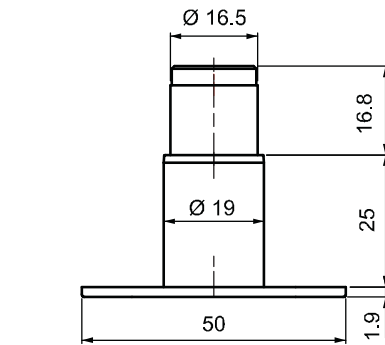
GROUP CODE CYLINDER

Cylinder	SPECIFICATIONS	DD
	Keyed alike	01
	Keyed differ	02

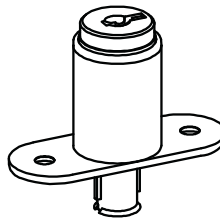
059

SLIDING DOOR LOCK

New



Unlock position



Lock position



- Suitable for horizontal refrigerators.
- Lock is used sliding doors key alike and key differ is available.

APPLICATIONS

Sliding doors

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1

CYLINDER : Zamak DIN-EN 1774-ZnAl4Cu1

FINISH

Chrome plated

PRODUCT CODE

059

-

DD

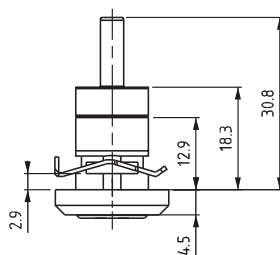
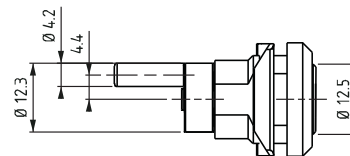
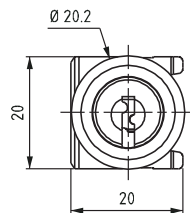
GROUP CODE CYLINDER

SPECIFICATIONS	DD
Keyed alike	01
Keyed differ	02

STEEL CUPBOARD LOCK

058

New



- Especially used for central locking applications
- Mounted with circlip.

APPLICATIONS

Steel Cupboard

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1

CYLINDER : Zamak DIN-EN 1774-ZnAl4Cu1

FINISH

Chrome plated

PRODUCT CODE

058 - DD

GROUP CODE CYLINDER

SPECIFICATIONS	DD
Keyed alike	01
Keyed differ	02

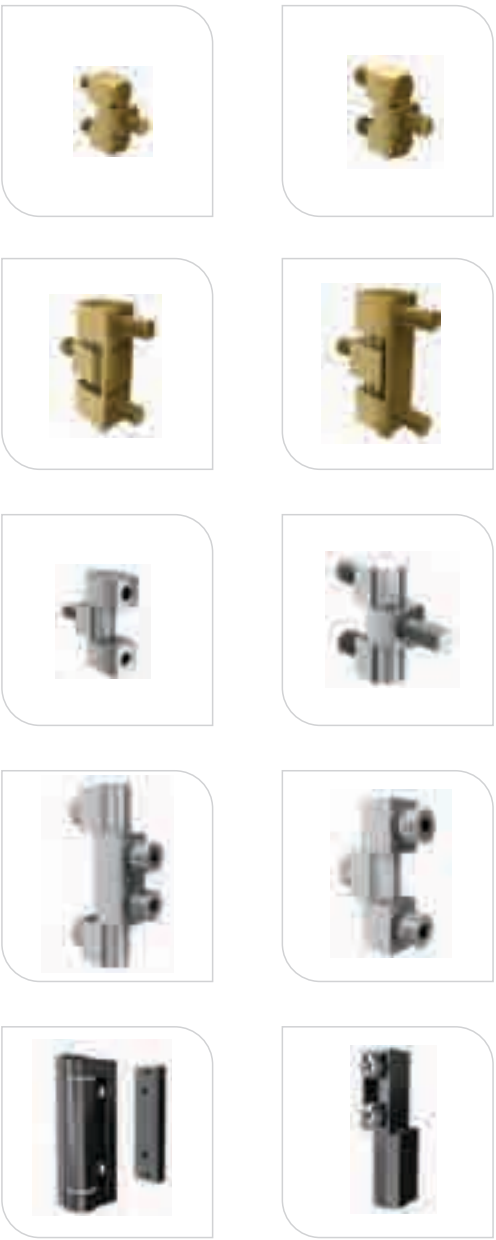


167



Page

170
170
170
171
171
171
172
173
174
175
176
177

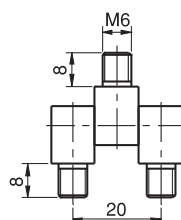


SIDE HINGE (10 mm)

090

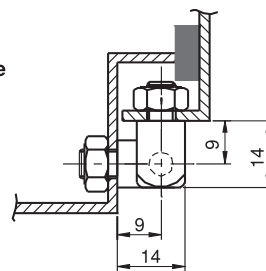


LH/RH



Hinge Rotation Angle

0 180°



- Side mounted hinge
- Three 10mm brass parts supplied separately. For different dims contact Mesan

MATERIAL

M

Brass

3

FINISH

F

No Finish

0

Nickel

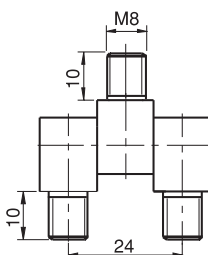
4

SIDE HINGE (10 mm)

091

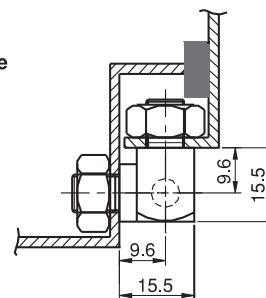


LH/RH



Hinge Rotation Angle

0 180°



- Side mounted hinge
- Three 12mm brass parts supplied separately. For different dims contact Mesan

MATERIAL

M

Brass

3

FINISH

F

No Finish

0

Nickel

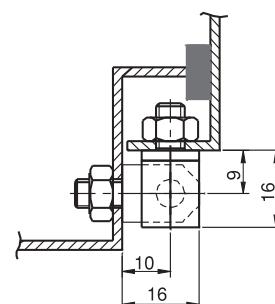
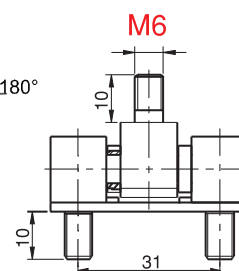
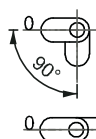
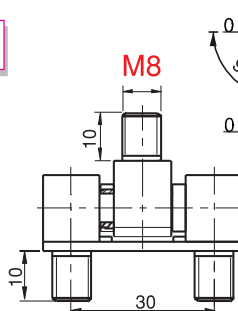
4

SIDE HINGE (12 mm)

092



LH/RH



M8 → 092 M-F-8-90°
092 M-F-8-180°

M6 → 092 M-F-6-90°
092 M-F-6-180°

- Side mounted hinge
- 12 mm parts and bearings are brass .Parts are assembled by fixing plate.For different dimensions, please contact Mesan.
- 90° and 180° angle versions are available

PRODUCT CODE

	3	-	F
GROUP CODE	MATERIAL		FINISH

MATERIAL

M

Brass

3

FINISH

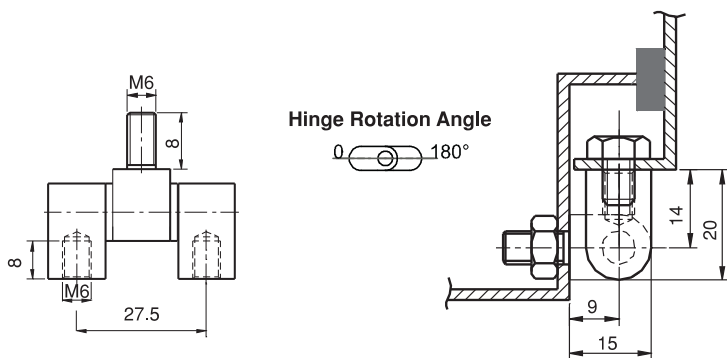
F

No Finish

0

Chrome

1



MATERIAL	M
Brass	3

FINISH	F
Chrome	1

192

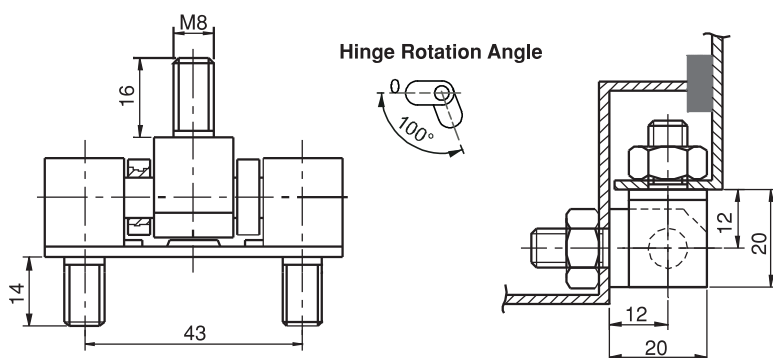
SIDE HINGE (12 mm)



LH/RH



- Side mounted hinge
- 12 mm parts and bearings are brass .Parts are tightly fitted.



MATERIAL	M
Brass	3

FINISH	F
No Finish	0
Chrome	1

093

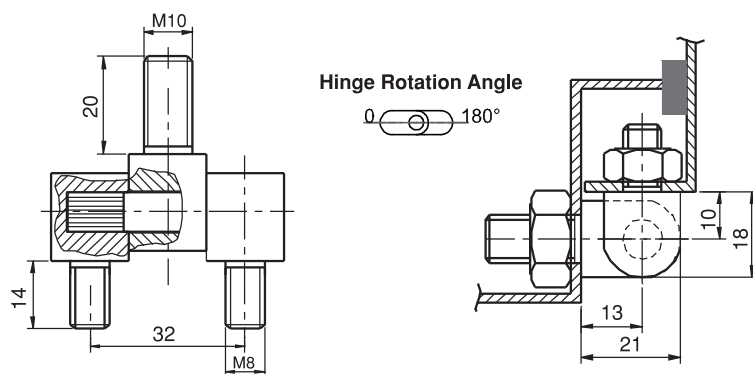
SIDE HINGE (16 mm)



LH/RH



- Side mounted hinge
- 16 mm parts and bearings are brass .Parts are assembled by fixing plate.



PRODUCT CODE

	3	-	F
GROUP CODE	MATERIAL		FINISH

MATERIAL	M
Brass	3

FINISH	F
Chrome	1

193

SIDE HINGE (16 mm)



LH/RH



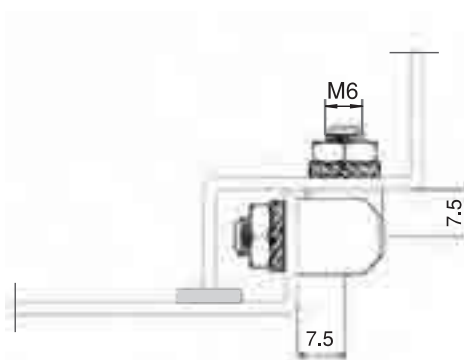
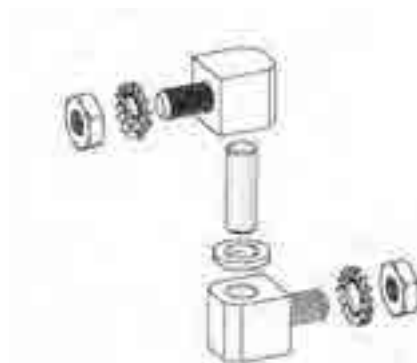
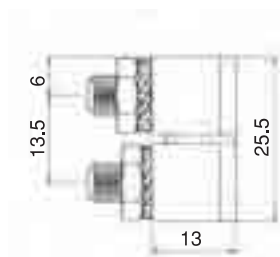
- Side mounted hinge
- 16 mm parts are brass .Parts are tightly fitted.

SIDE HINGE (10 mm)

191



LH/RH



- Side mounted hinge
- 12 mm parts are steel.

APPLICATIONS

Electric panels, machinery covers.

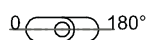
MATERIAL

Steel

FINISH

Zinc plated

 **Note:** Nuts and washers are given

Hinge Rotation Angle**PRODUCT CODE**

191

6

3

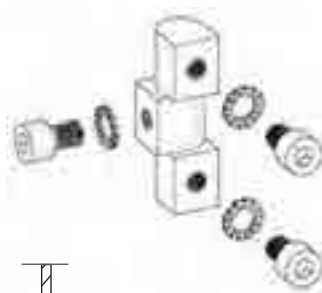
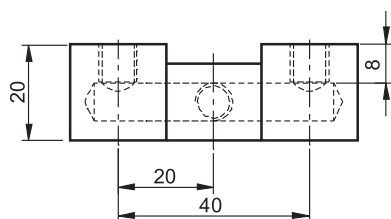
GROUP CODE

MATERIAL

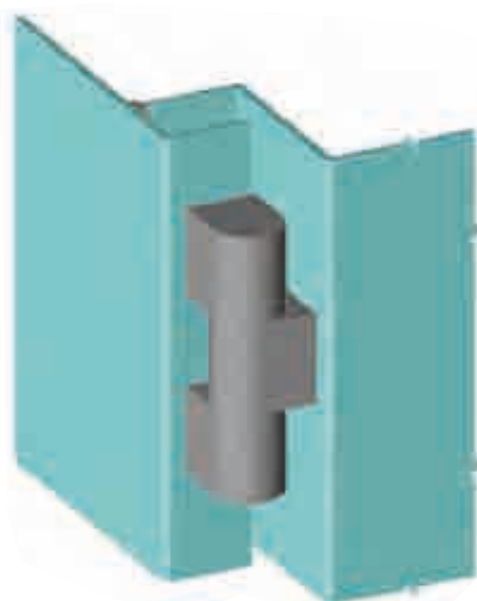
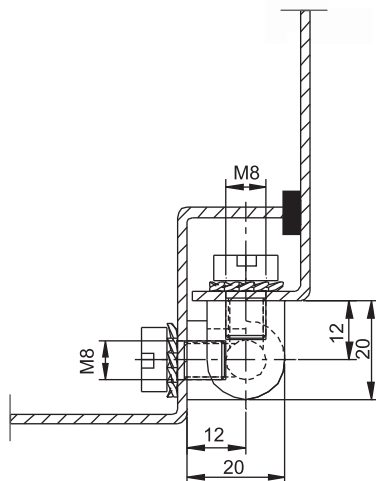
FINISH

293

SIDE HINGE



LH/RH



- For medium voltage and heavy door panels. Chrome plated brass. Parts supplied separately.
- Assembled using special screws (supplied). Hinge has high resistance.

APPLICATIONS

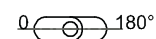
Electric panels, machinery covers.

MATERIAL

BRASS : DIN 17672 CuZn39Pb3

⚠ Note: Bolts and washers are given

Hinge Rotation Angle



PRODUCT CODE

293	3	-	1
GROUP CODE	MATERIAL		FINISH

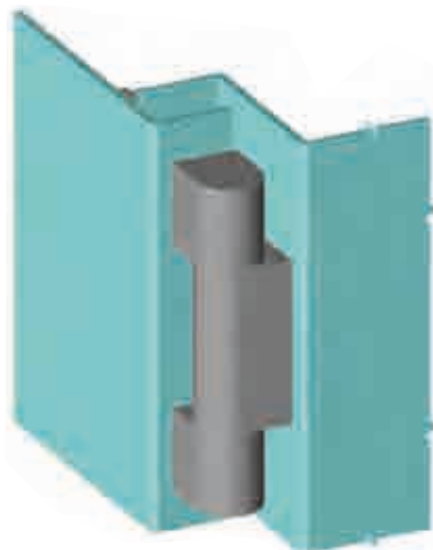
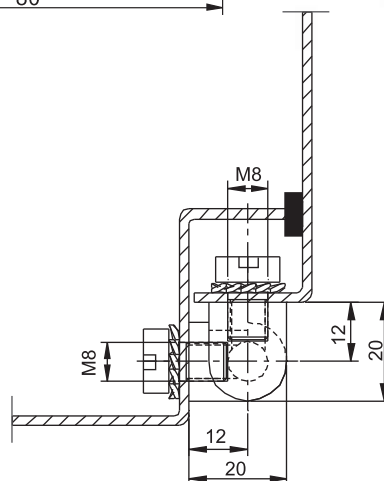
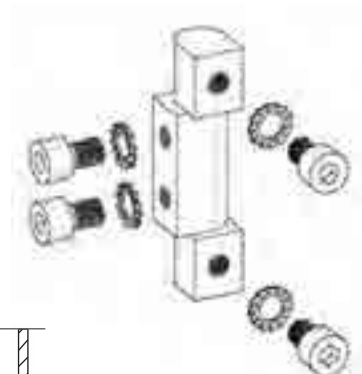
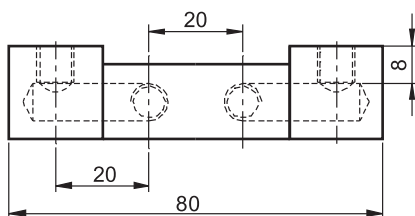
MATERIAL	M	FINISH	F
Brass	3	Chrome	1

SIDE HINGE

393



LH/RH



- For medium voltage and heavy door panels. Chrome plated brass. Parts supplied separately.
- Assembled using special screws (supplied). Hinge has high resistance.

APPLICATIONS

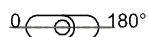
Electric panels, machinery covers.

MATERIAL

BRASS : DIN 17672 CuZn39Pb3

 **Note:** Bolts and washers are given

Hinge Rotation Angle



PRODUCT CODE

393

3

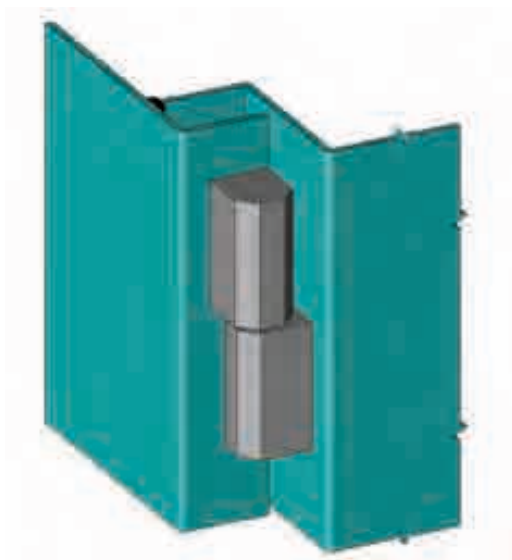
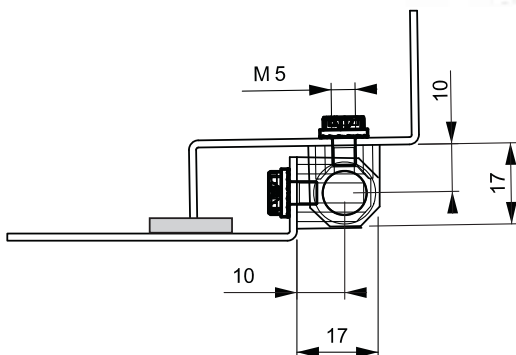
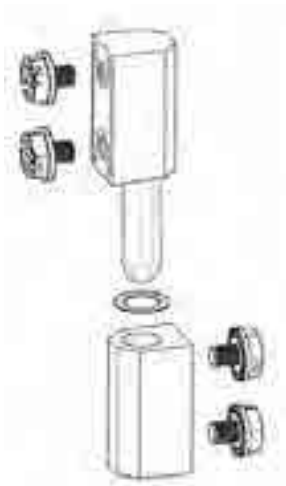
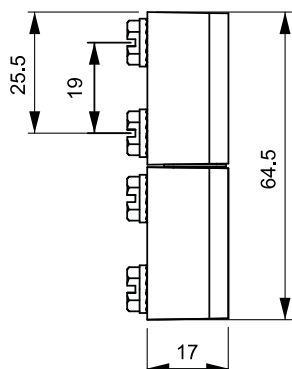
1

GROUP CODE

MATERIAL

FINISH

MATERIAL	M	FINISH	F
Brass	3	Chrome	1



493

SIDE HINGE



LH/RH



- Lift off hinge.
- For left or right hand opening doors. Maximum hinge rotation 180°.

APPLICATIONS

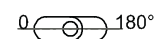
Electric panels, machinery covers.

MATERIAL

Zamak DIN-EN 1774-ZnAl4Cu1

⚠ Note: Bolts are given

Hinge Rotation Angle



PRODUCT CODE

493	1	-	F
GROUP CODE	MATERIAL		FINISH

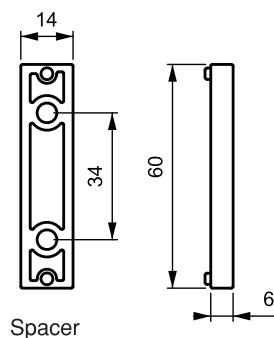
MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black coated	2

SIDE HINGE

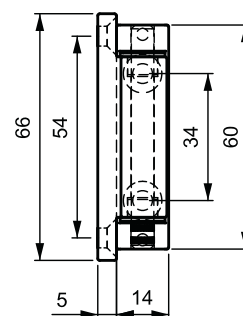
593



LH/RH

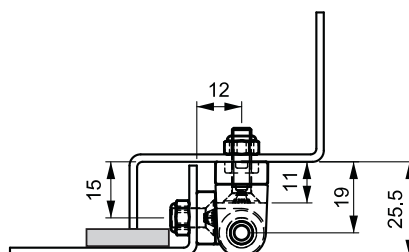


Spacer



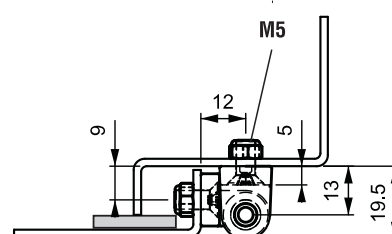
Spacer version

593 1-F-25



Standard version

593 1-F-19



- Spacer bar available for different dimensions.
- Stainless steel hinge pin.

APPLICATIONS

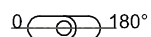
Electric panels, machinery covers.

MATERIAL

Zamak DIN-EN 1774-ZnAl4Cu1

Note: Bolts are not given

Hinge Rotation Angle



PRODUCT CODE

593	-	1	-	F	-	H
GROUP CODE		MATERIAL		FINISH		HEIGHT

MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black coated	2

693

SIDE HINGE



LH/RH



- Side mounted hinge.
- Stainless steel hinge pin. Supplied already assembled.

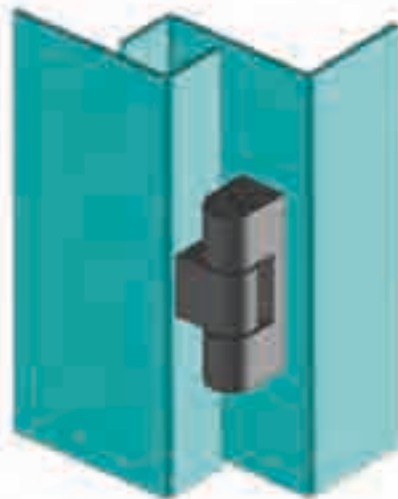
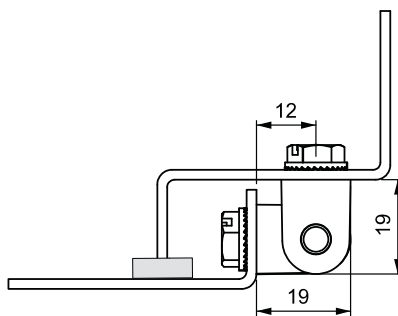
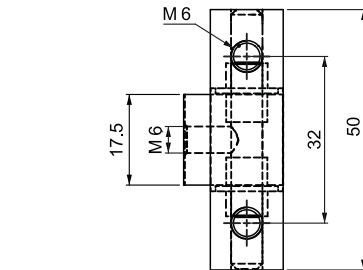
APPLICATIONS

Electric panels, machinery covers.

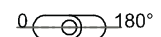
MATERIAL

Zamak DIN-EN 1774-ZnAl4Cu1

Note: Bolts are not given



Hinge Rotation Angle



PRODUCT CODE

693	-	1	-	F
GROUP CODE		MATERIAL		FINISH

MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black coated	2



Concealed Hinges

Group code	Product name
094	Concealed hinge
194	Concealed hinge
096	Concealed hinge
196	Concealed hinge
095	Concealed hinge
195	Concealed hinge
895	Concealed hinge
995	Concealed hinge
295	Concealed hinge
395	Concealed hinge
695	Concealed hinge
795	Concealed hinge
289	Concealed hinge
189	Spring loaded
294	Concealed hinge



Page

180
181
182
183
184 - 185
186 - 187
188
189
190 - 191
192 - 193
194 - 195
196
197
198
199

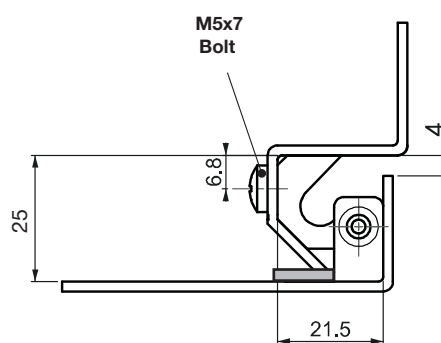
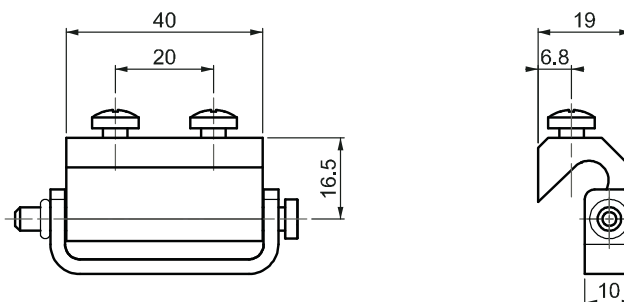


CONCEALED HINGE

094



LH/RH



- For 25 mm bended doors . Middle part is copper plated for easy welding

APPLICATIONS

Electric panels, machinery covers.

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1
or Aluminium

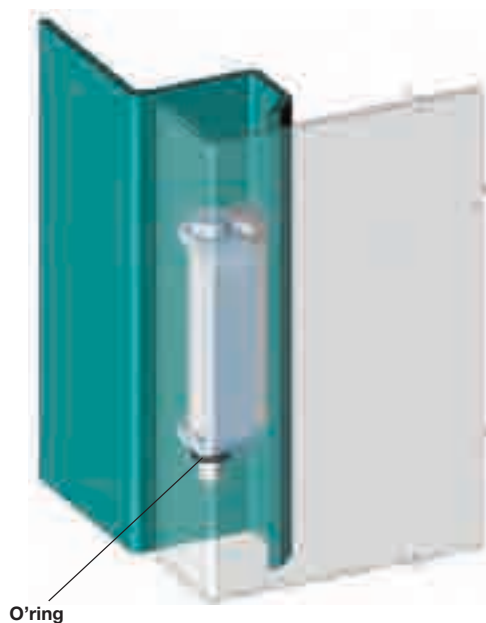
Fixed part: : Steel

FINISH

BODY : Zinc plated
FIXED PART : Copper plated

⚠ **Note:** Bolts are given

Hinge Rotation Angle



PRODUCT CODE

094	M	-	F
GROUP CODE	MATERIAL		FINISH

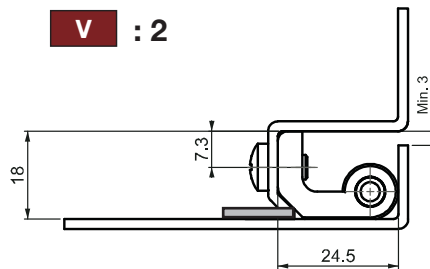
MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
Aluminium	5	Matt anodized	7

194

CONCEALED HINGE



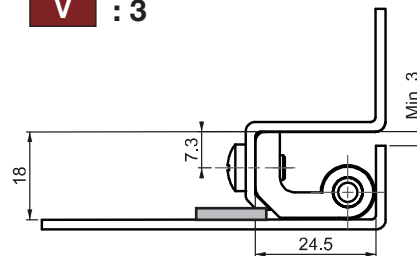
V : 2



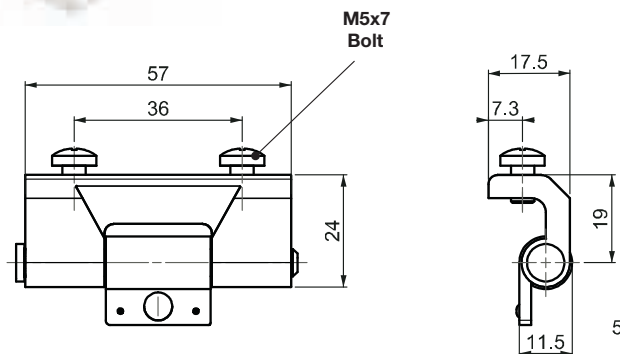
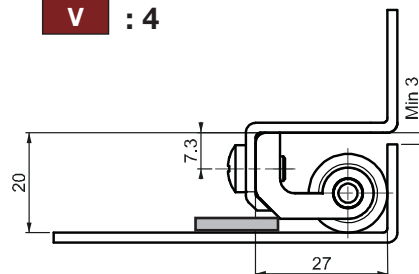
LH/RH



V : 3



V : 4



- For doors with a bend of between 18 mm and 27 mm. Centre part is copper plated for easy welding.
- The centre part is available in different versions.

APPLICATIONS

Electric panels, machinery covers.

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1

WELDING PART : Steel

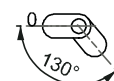
FINISH

BODY : Zinc Plated

WELDING PART : Copper plated

⚠ Note: Bolts are given

Hinge Rotation Angle



PRODUCT CODE

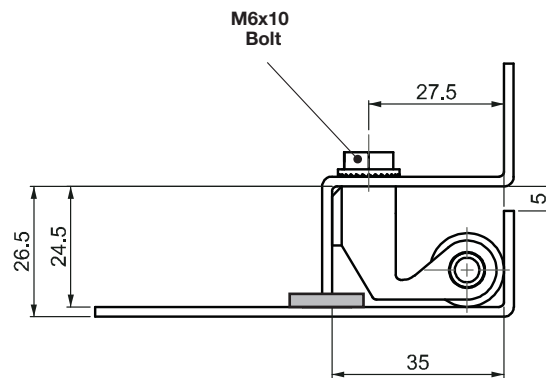
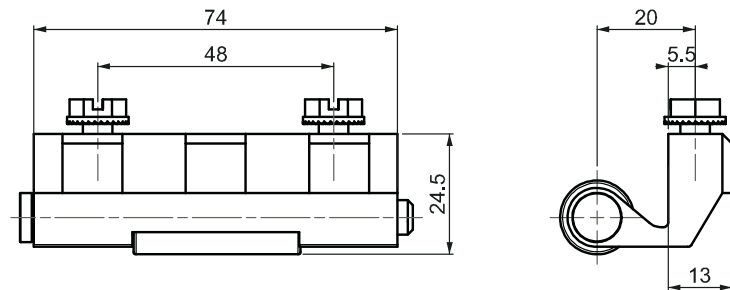
194 - **V**
GROUP CODE VERSION

CONCEALED HINGE

096



LH/RH



- For doors with a 24.5 mm bend. Suitable for both panel and door profile fixing.

APPLICATIONS

Electric panels, machinery covers.

MATERIAL

BODY: Zamak DIN-EN 1774-ZnAl4Cu1

WELDING PART : Steel

FINISH

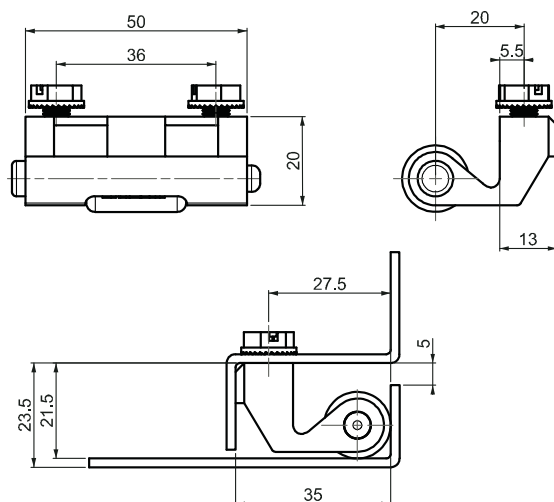
BODY : Zinc Plated

WELDING PART : Copper plated

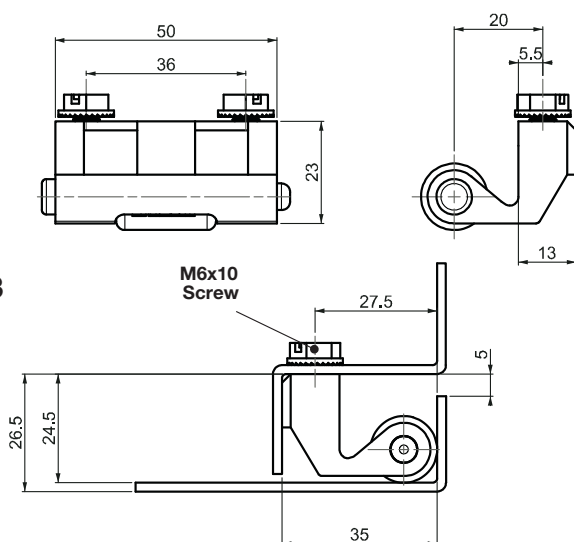
⚠ **Note:** Bolts are given

Hinge Rotation Angle

V : 20



V : 23



PRODUCT CODE

196 - **V**
GROUP CODE VERSION

196

CONCEALED HINGE



LH/RH



- For 21.5 mm to 24.5 mm bended doors. Two different dimensions are available.
- It is alternative for 096 hinge and more competitive.

APPLICATIONS

Electric panels, machinery covers.

MATERIAL

BODY: Zamak DIN-EN 1774-ZnAl4Cu1

WELDING PART : Steel

FINISH

BODY : Zinc Plated

WELDING PART : Copper plated

⚠ Note: Bolts are given

Hinge Rotation Angle



CONCEALED HINGE

095



LH/RH

- For doors with a bend of 22.5 mm or more. Available drilled with two holes or with two mounting studs.
- The centre part is available in different versions.

APPLICATIONS

Electric panels, machinery covers.

MATERIAL

Steel

FINISH

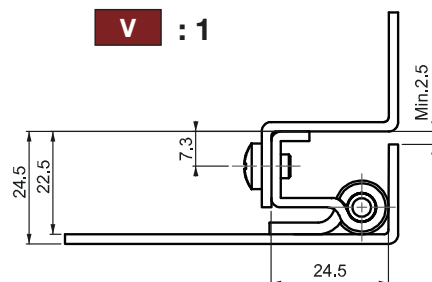
BODY: Zinc Plated

WELDING PART : Copper plated

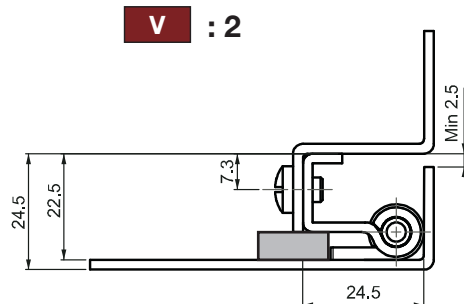
⚠ **Note:** Bolts are given



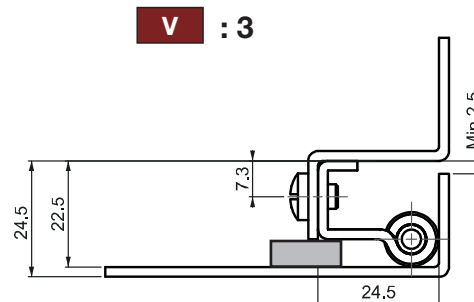
V : 1



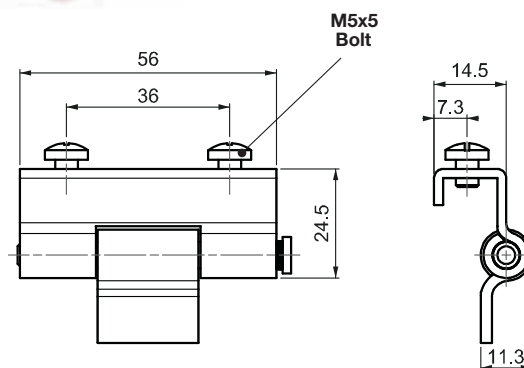
V : 2



V : 3



Hinge Rotation Angle

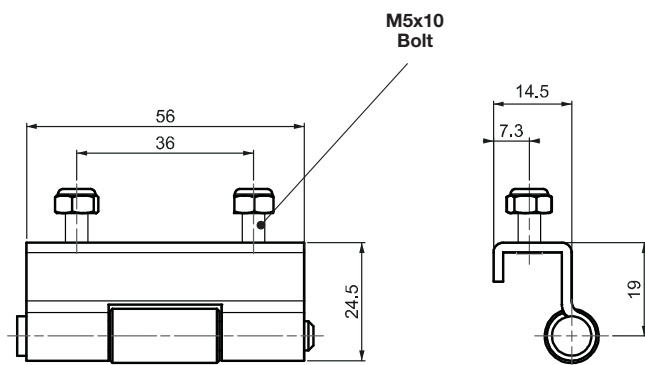


PRODUCT CODE

095	6	-	3	-	V	-	0
GROUP CODE	MATERIAL		FINISH		VERSION		Hole

095

CONCEALED HINGE



LH/RH



- For doors with a bend of 22.5 mm or more. Available drilled with two holes or with two mounting studs.
- The centre part is available in different versions.

APPLICATIONS

Electric panels, machinery covers.

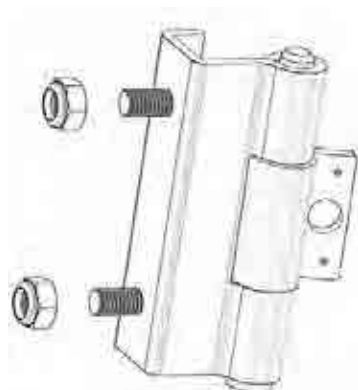
MATERIAL

Steel

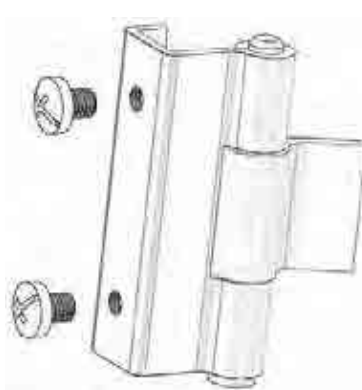
FINISH

BODY: Zinc Plated

WELDING PART : Copper plated



Stud



With Holes

Hinge Rotation Angle



PRODUCT CODE

095	6	-	3	-	V	-	1
GROUP CODE	MATERIAL		FINISH		VERSION		Stud

CONCEALED HINGE

195

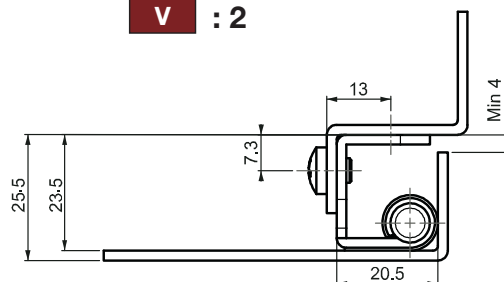
Fixed : 1



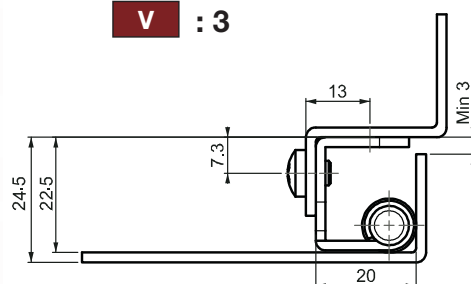
LH/RH



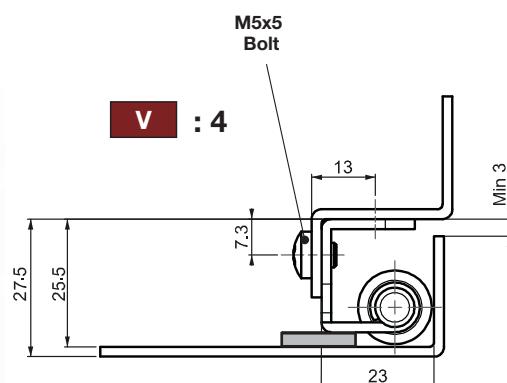
V : 2



V : 3



V : 4



- For doors with a bend of between 23.5mm and 25.5mm.
- Easily fixed to panel or door profile due to hinge design.

APPLICATIONS

Electric panels, machinery covers.

MATERIAL

Steel

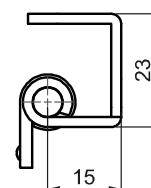
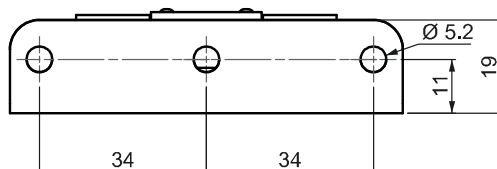
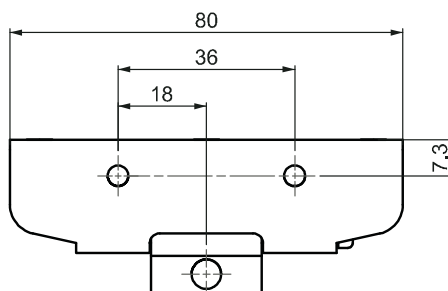
FINISH

BODY: Zinc Plated

WELDING PART : Copper plated

⚠ **Note:** Bolts are given

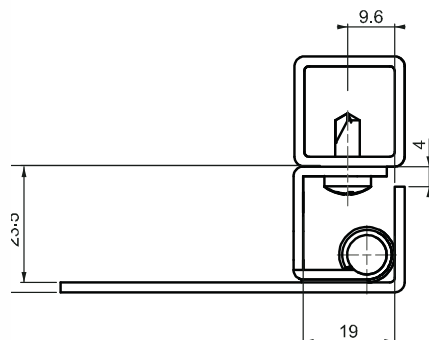
Hinge Rotation Angle



Fixed: 2

195

CONCEALED HINGE



LH/RH



- For doors with a bend of between 23.5mm and 25.5mm.
- Easily fixed to panel or door profile due to hinge design.

APPLICATIONS

Electric panels, machinery covers.

MATERIAL

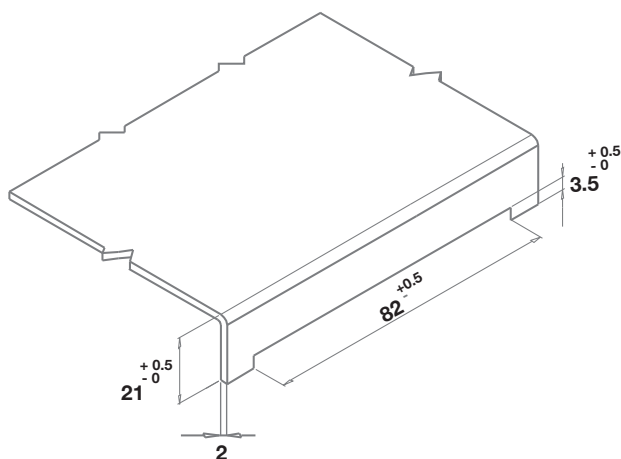
Steel

FINISH

BODY: Zinc Plated

WELDING PART : Copper plated

⚠ Note: Bolts are given



Hinge Rotation Angle



PRODUCT CODE

195

-

V

GROUP CODE

VERSION

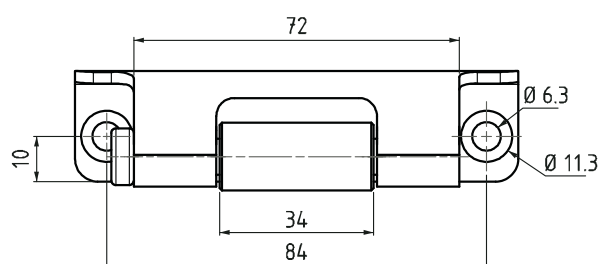
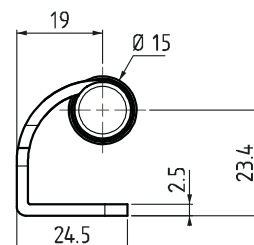
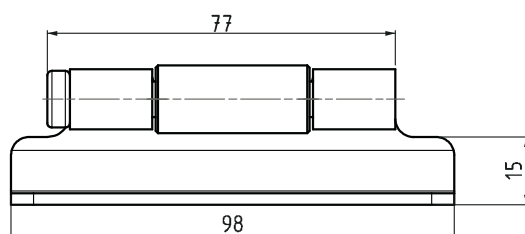
CONCEALED HINGE

895

New



LH/RH



- Side part can be mounted with M 5 screws.
- Centre part is copper plated for easy welding.
- Suitable for heavy duty applications.
- Pin should be mounted during the assembly of the hinge.

APPLICATIONS

Electric panels, machinery covers.

MATERIAL

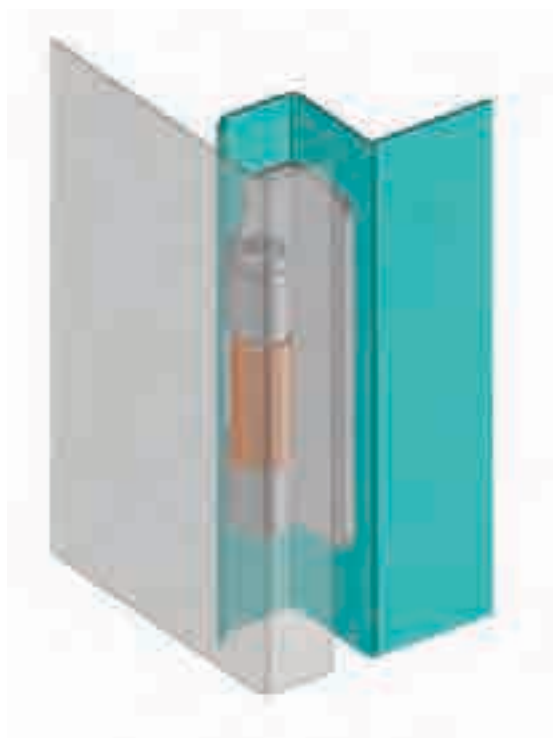
Steel

FINISH

BODY: Zinc Plated

WELDING PART : Copper plated

⚠ **Note:** Bolts are not given

Hinge Rotation Angle**PRODUCT CODE**

895

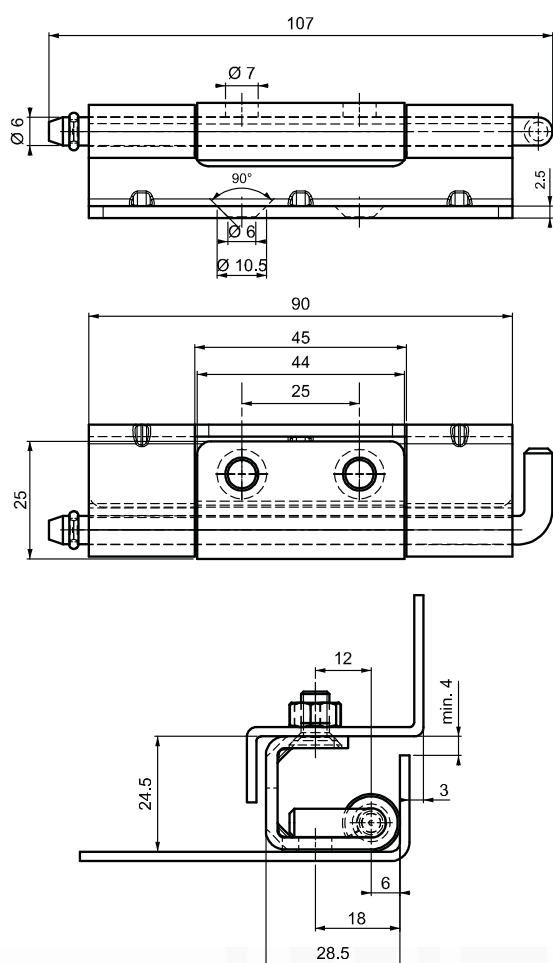
6

3

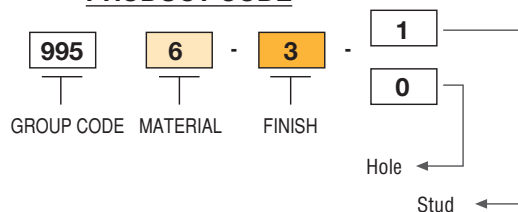
GROUP CODE

MATERIAL

FINISH



PRODUCT CODE



995

CONCEALED HINGE

New



LH/RH



- Side part can be mounted with M 5 screws.
- Centre part is copper plated for easy welding.
- Suitable for heavy duty applications.
- Left and right versions are possible.
- Suitable for 25 mm door bend cabinets.

APPLICATIONS

Electric panels, machinery covers.

MATERIAL

Steel

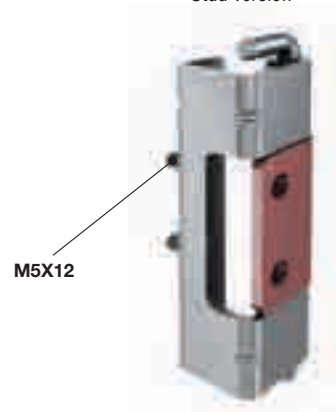
FINISH

BODY: Zinc Plated

WELDING PART : Copper plated

! Note: Bolts are not given

Stud version



! Note: Nuts are not given

Hinge Rotation Angle



CONCEALED HINGE

295



LH/RH

- For doors with a bend of between 20 mm and 24mm.
- Frame part is screwed -on , door part is welded-on
- LH and RH application is possible

APPLICATIONS

Electric panels, machinery covers.

MATERIAL

Steel

FINISH

BODY: Zinc Plated

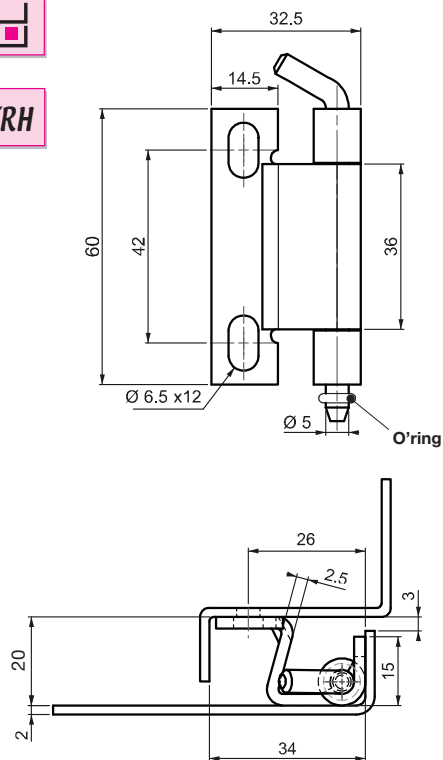
WELDING PART : Copper plated

⚠ Note: Bolts are not given

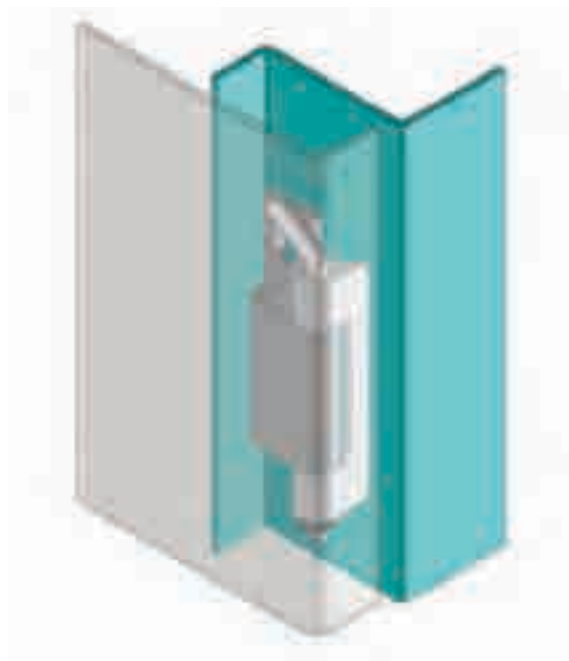
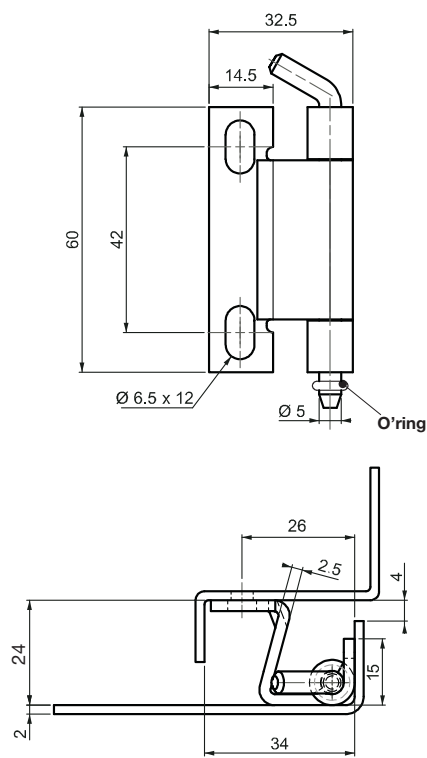
Hinge Rotation Angle



V : 1



V : 2



PRODUCT CODE

295

6

3

V

GROUP CODE

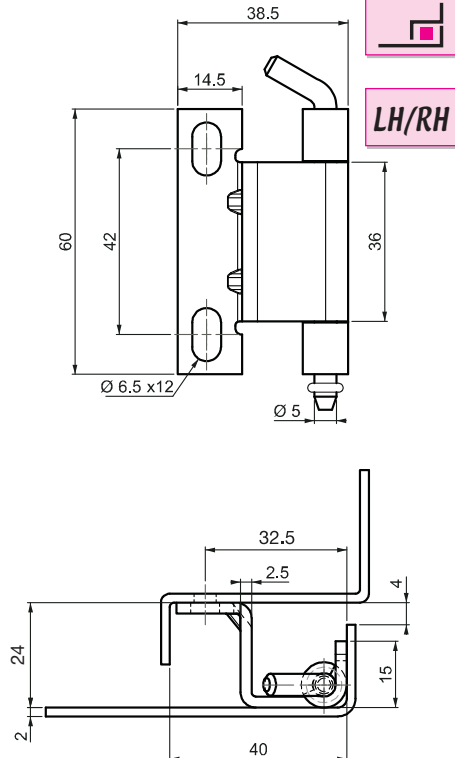
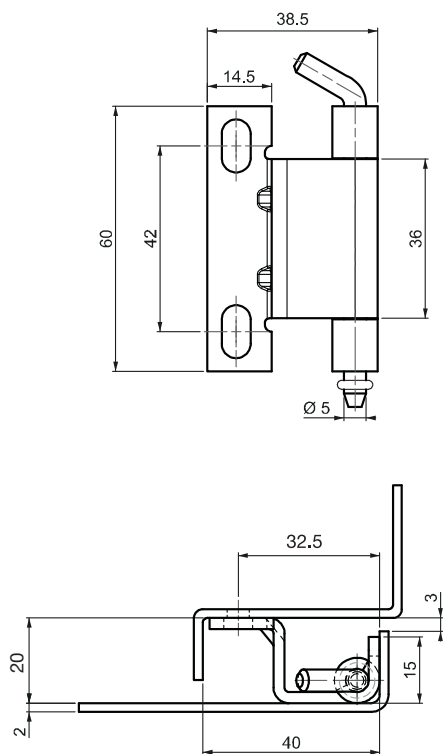
MATERIAL

FINISH

VERSION

V : 3

V : 4



295

CONCEALED HINGE



APPLICATIONS

Electric panels, machinery covers.

MATERIAL

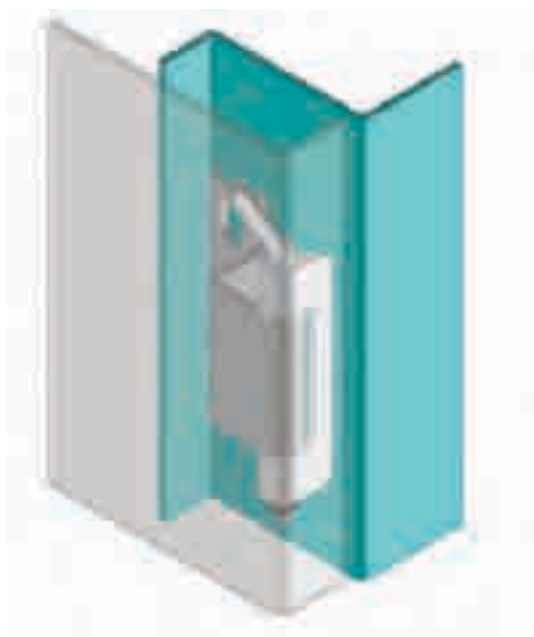
Steel

FINISH

BODY : Zinc Plated

WELDING PART : Copper plated

⚠ Note: Bolts are not given



Hinge Rotation Angle



PRODUCT CODE

295

6

3

V

GROUP CODE

MATERIAL

FINISH

VERSION

CONCEALED HINGE

395



LH/RH

- For doors with a bend of between 20 mm and 24mm.
- Frame part is screwed -on , door part is welded-on
- LH and RH application is possible

APPLICATIONS

Electric panels, machinery covers.

MATERIAL

Steel

FINISH

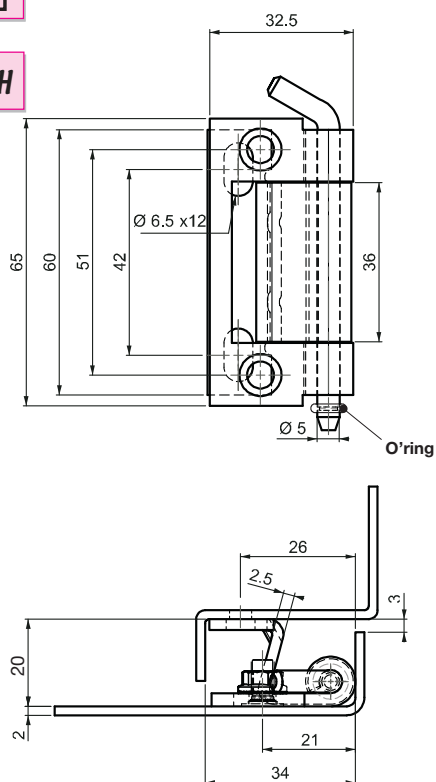
Zinc Plated

⚠ **Note:** Bolts are not given

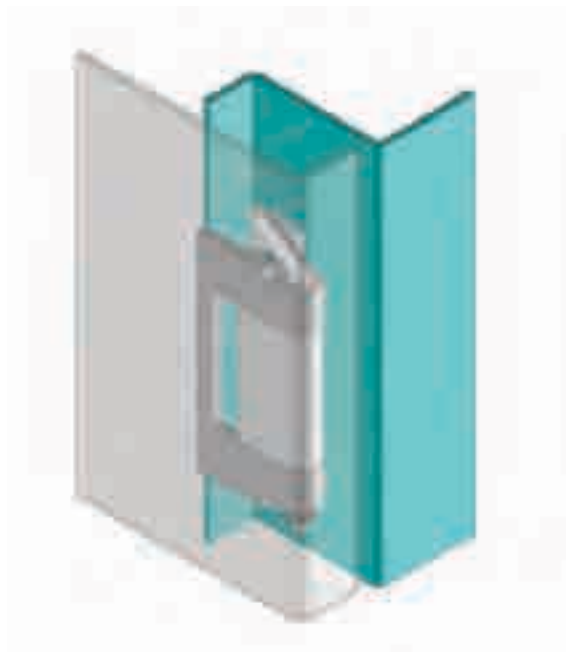
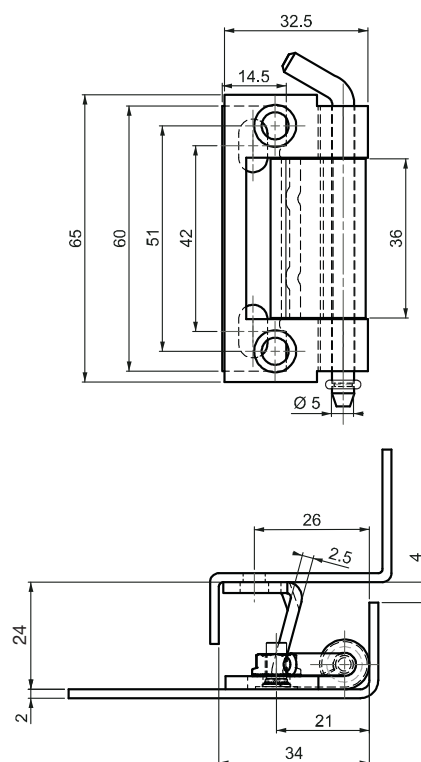
Hinge Rotation Angle



V : 1



V : 2



PRODUCT CODE

395

6

3

V

GROUP CODE

MATERIAL

FINISH

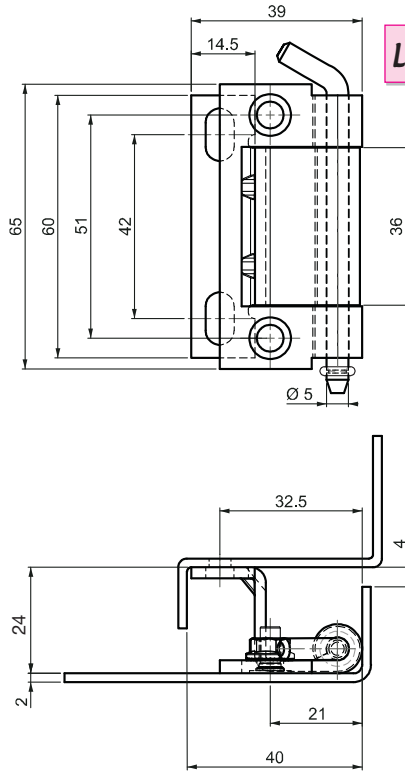
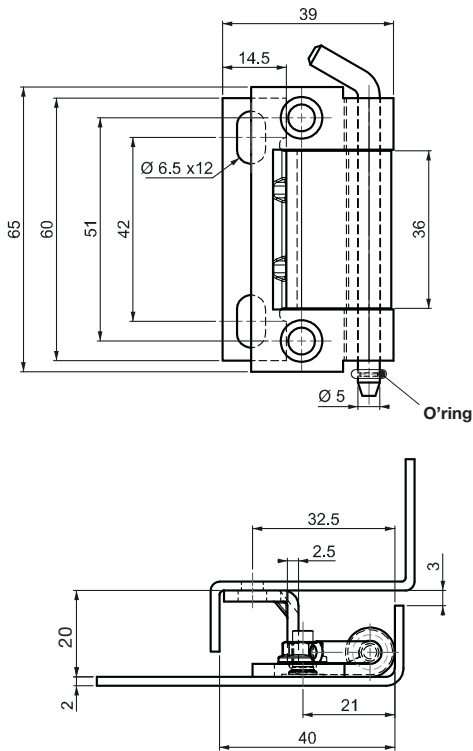
VERSION

395

CONCEALED HINGE

V : 3

V : 4



LH/RH



APPLICATIONS

Electric panels, machinery covers.

MATERIAL

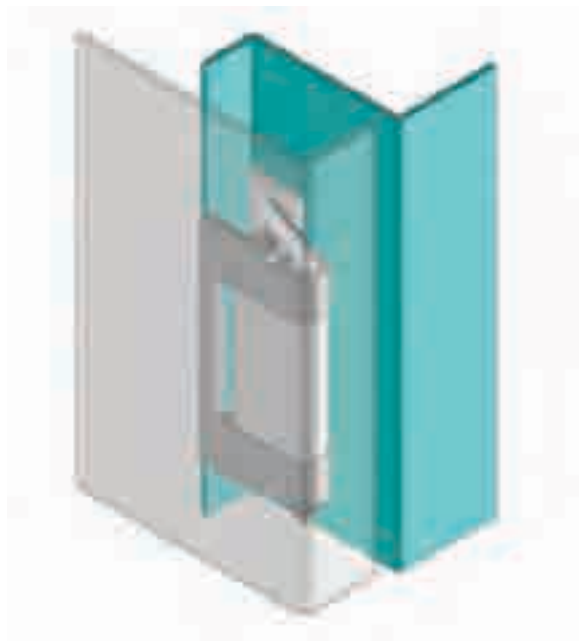
Steel

FINISH

Zinc Plated



Note: Bolts are not given



Hinge Rotation Angle



PRODUCT CODE

395

6

3

V

GROUP CODE

MATERIAL

FINISH

VERSION

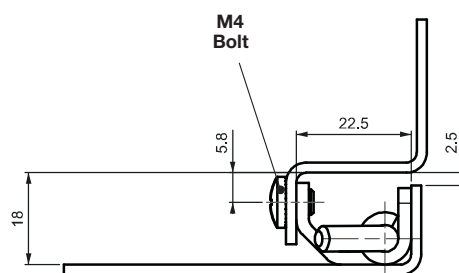
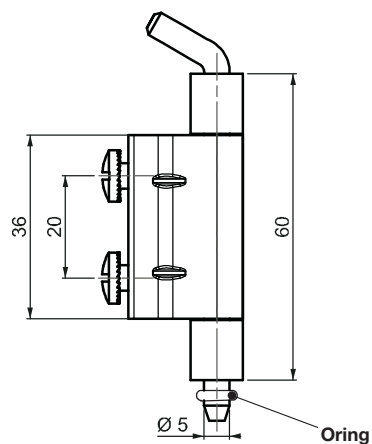
CONCEALED HINGE

695

V : 1



LH/RH



- For doors with a bend of 18 mm
- Frame part is screwed -on , door part is either welded-on or screwed-on
- LH and RH application is possible

APPLICATIONS

Electric panels, machinery covers.

MATERIAL

Steel

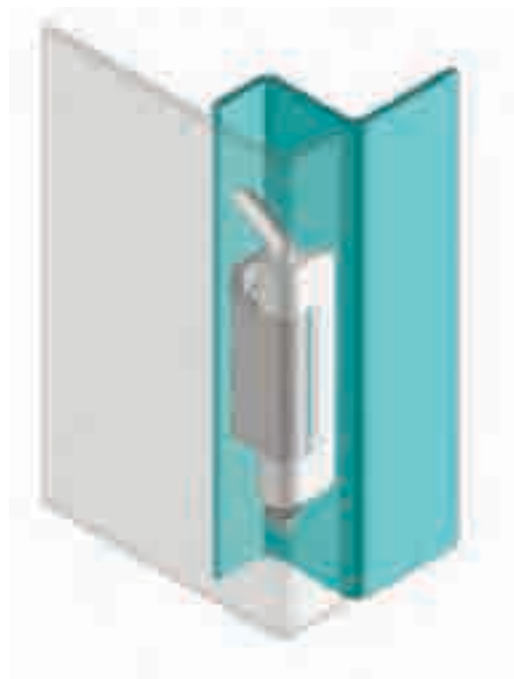
FINISH

BODY : Zinc Plated

WELDING PART : Copper plated

⚠ **Note:** Bolts are given

Hinge Rotation Angle



PRODUCT CODE

695

6

3

1

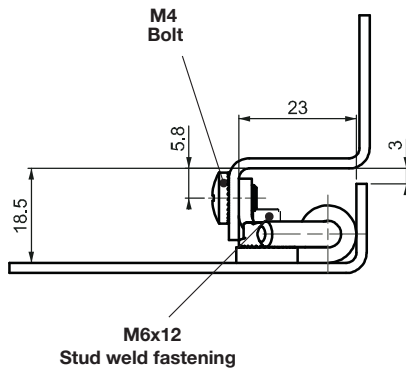
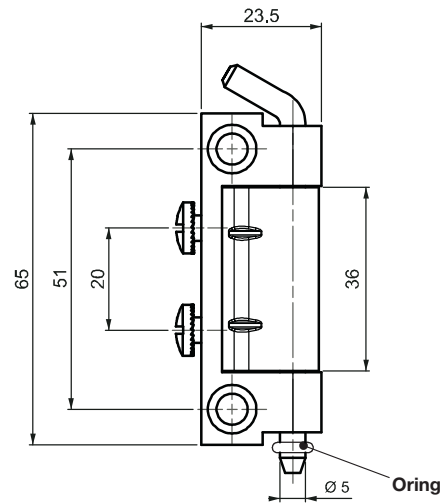
GROUP CODE

MATERIAL

FINISH

VERSION

V : 2



695

CONCEALED HINGE



LH/RH



- For doors with a bend of 18.5 mm
- Frame part is screwed -on ,door part is mounted by nut to welded stud on door.
- LH and RH application is possible

APPLICATIONS

Electric panels, machinery covers.

MATERIAL

Steel

FINISH

Zinc Plated

⚠ Note: Bolts are given

Hinge Rotation Angle



PRODUCT CODE

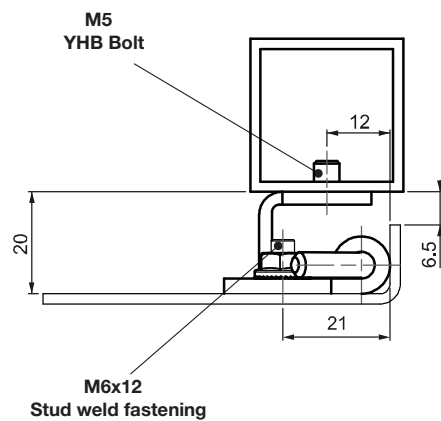
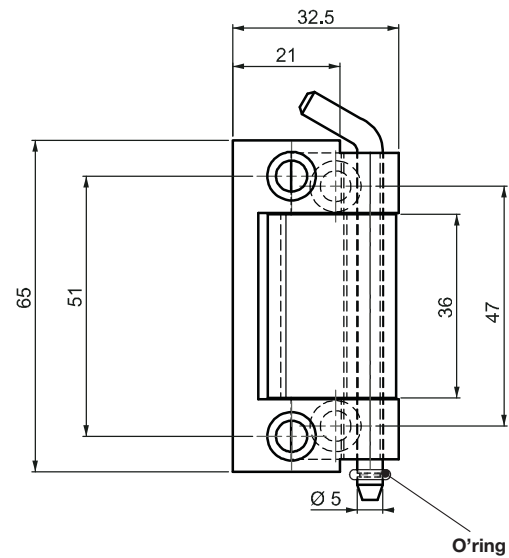
695	6	-	3	-	2
GROUP CODE	MATERIAL		FINISH		VERSION

CONCEALED HINGE

795



LH/RH



- For doors with a bend of 20 mm to fix profiles
- Frame part is screwed -on ,door part is mounted by nut to welded stud on door.
- LH and RH application is possible

APPLICATIONS

Electric panels, machinery covers.

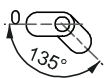
MATERIAL

Steel

FINISH

Zinc Plated

⚠ Note: Bolts are not given

Hinge Rotation Angle**PRODUCT CODE**

795

6

-

3

GROUP CODE

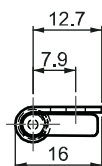
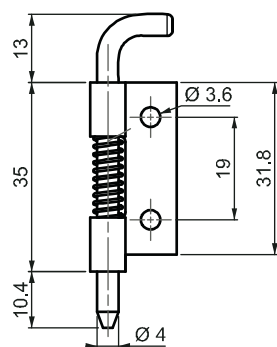
MATERIAL

FINISH

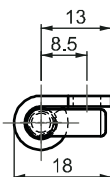
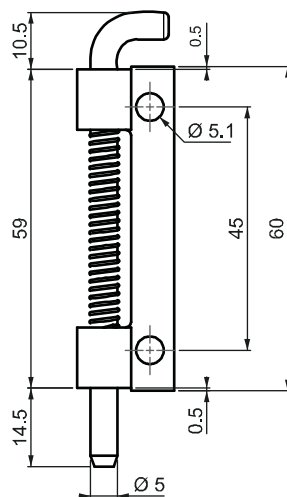
289

CONCEALED HINGE

V : 1



V : 2



R H

L H



- For internally mounted doors. Spring loaded hinge for easy door removal.
- Both versions are either screwed-on or welded-on
- LH and RH application is possible

APPLICATIONS

Electric panels, machinery covers.

MATERIAL

Steel

FINISH

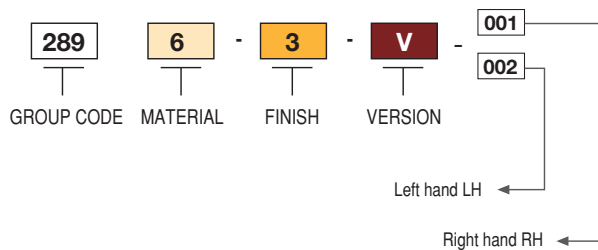
Zinc Plated

⚠ Note: Bolts are not given

Assembled RH (as drawn)

Assembled LH (mirror inverted)

PRODUCT CODE

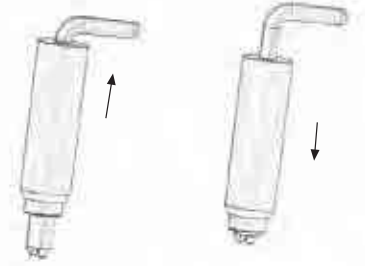
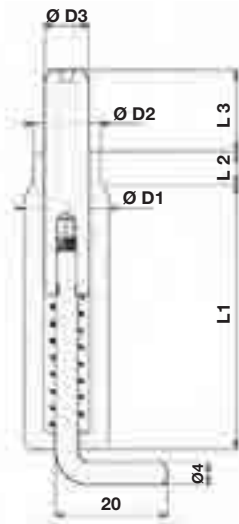


SPRING LOADED

189



LH/RH



- For internally mounted doors. Spring loaded hinge for easy door removal.
- Body is copper plated for easy welding. Available as spring loaded, up and down pair or spring loaded up hinge and fixed bottom hinge.

APPLICATIONS

Electric panels, machinery covers.

MATERIAL

Steel

FINISH

BODY: Copper plated

Other materials : Zinc plated

Hinge Rotation Angle



LOWER SEGMENT

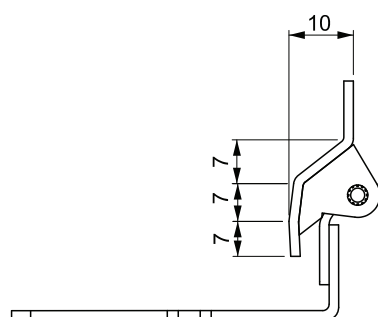
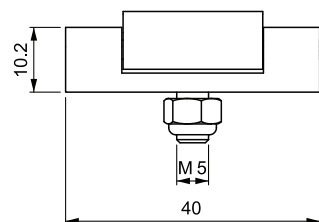
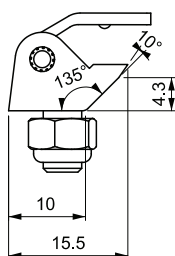
32003192



Ø D1	Ø D2	Ø D3	L 1 mm	L 2 mm	L 3 mm	PRODUCT CODE
10	8.5	6	26.5	3.5	10	189-9
10	8.5	6	38	3.5	10	189-10
12	9	6	38	3.5	10	189-12
15	12	9	47	6	14.5	189-15

294

CONCEALED HINGE



LH/RH



- For small panels having a 10mm internal bend. Designed to maximize space available. copper plated for easy welding

APPLICATIONS

Electric panels, machinery covers.

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1

WELDING PART : Steel

Pin : Steel

FINISH

BODY: Zinc Plated

WELDING PART : Copper plated

! Note: Bolts are nuts given



Hinge Rotation Angle





Page

202
203
204
205
206
207 - 208
209
210 - 211
212
213 - 215
216 - 217

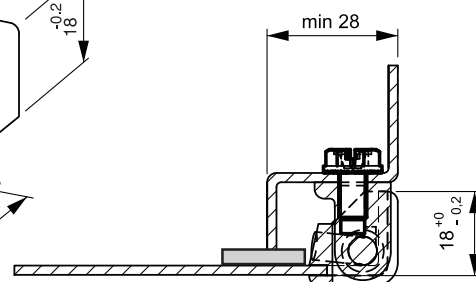
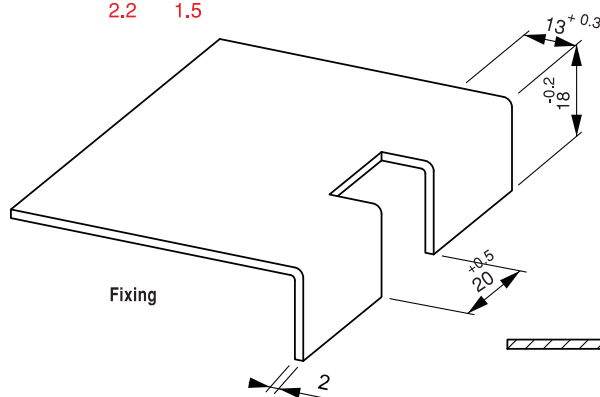
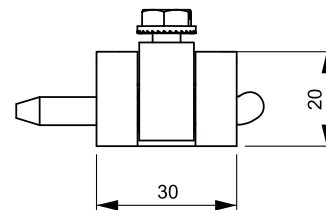
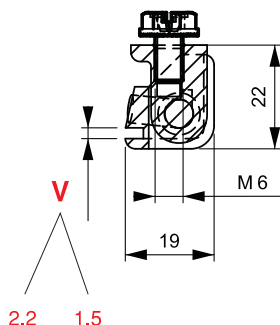


CORNER HINGE

097



LH/RH



V : 15

For 1.0 mm - 1.2mm thickness panel
(097 M-F-P-15)

V : 22

For 1.5 mm - 2 mm thickness panel
(097 M-F-P-22)

- Corner hinge.
- Suitable for steel panels with a thickness of between 1.0 mm and 2.2 mm.
- Hinge pin available in three types.

APPLICATIONS

Small electric panels

MATERIAL

FIXED, MOVABLE PARTS:

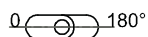
Zamak DIN-EN 1774-ZnAl4Cu1

PIN : Steel and Poliasetal (Delrin)

FINISH

Chrome plated or black coated

Hinge Rotation Angle

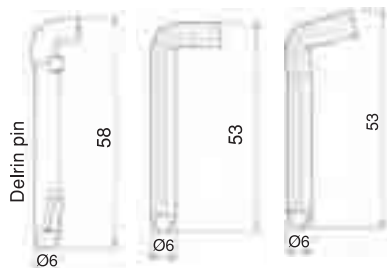


P = Pin

P= 1

P= 2

P= 3



PRODUCT CODE

097

1

F

P

V

GROUP CODE

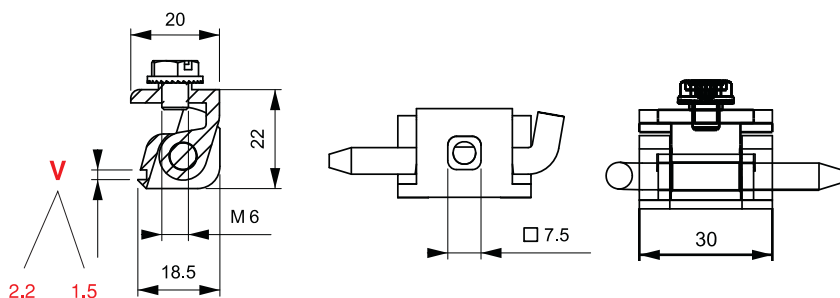
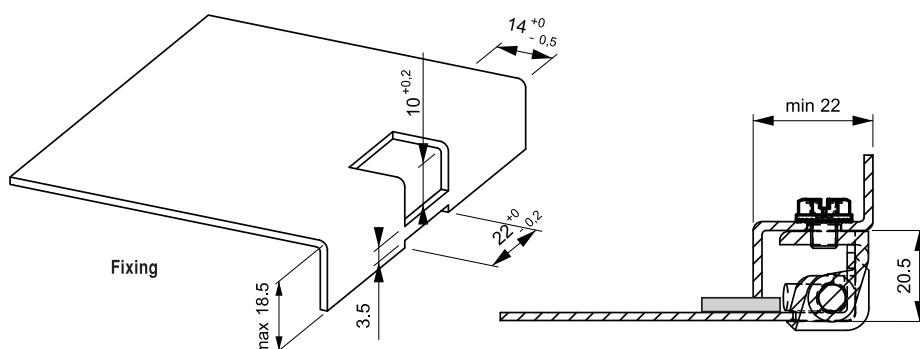
MATERIAL

FINISH

PIN

VERSION

MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black coated	2

297
CORNER HINGE

LH/RH

V : 15
For 1.0 mm - 1.2mm thickness panel
(297 M-F-P-15)

V : 22
For 1.5 mm thickness panel
(297 M-F-P-22)


- Corner hinge. Cut out helps provide greater resistance than 097 hinge.
- Suitable for steel panels with a thickness of between 1.5 mm and 2.2mm.
- Hinge pin available in three types.

APPLICATIONS

Small electric panels

MATERIAL

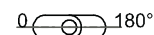
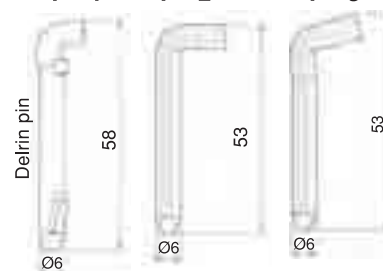
FIXED, MOVABLE PARTS:

Zamak DIN-EN 1774-ZnAl4Cu1

PIN : Steel and Poliasetal (Delrin)

FINISH

Chrome plated or black coated

Hinge Rotation Angle

P = Pin
P= 1
P= 2
P= 3

PRODUCT CODE

297	1	F	P	V
GROUP CODE	MATERIAL	FINISH	PIN	VERSION

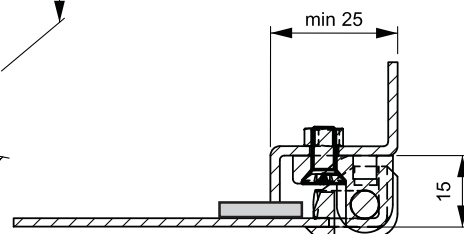
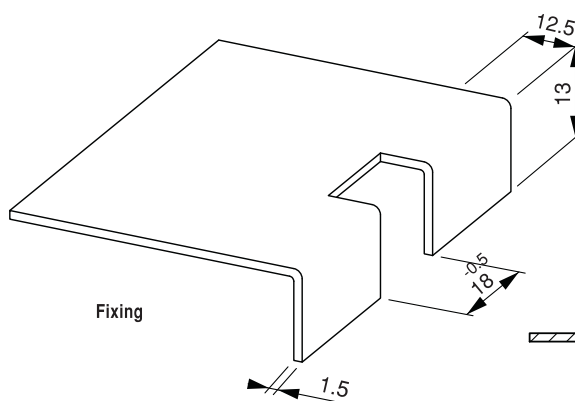
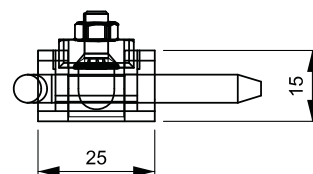
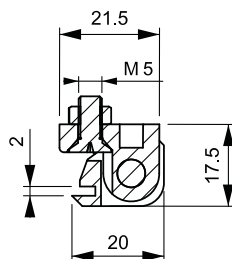
MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black coated	2

CORNER HINGE

197



LH/RH



- Corner hinge. Suitable for steel panels with a thickness of between 1.5mm
- Hinge pin available in three types.

APPLICATIONS

Small electric panels

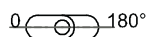
MATERIAL

BODY: Polyamide DIN-EN ISO 1043-1

PA6 GFR 30

PIN : Steel and Poliasetal (Delrin)

Hinge Rotation Angle

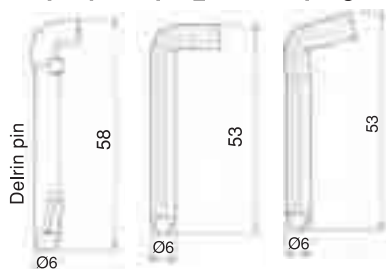


P = Pin

P= 1

P= 2

P= 3



PRODUCT CODE

197

2

0

P

GROUP CODE

MATERIAL

FINISH

PIN

MATERIAL

M

Plastic

2

FINISH

F

No Finish

0

098

CORNER HINGE



LH/RH



- Corner hinge. Suitable for steel panels with a thickness of between 2.0 mm
- Steel hinge pin.

APPLICATIONS

Big sized electric panels

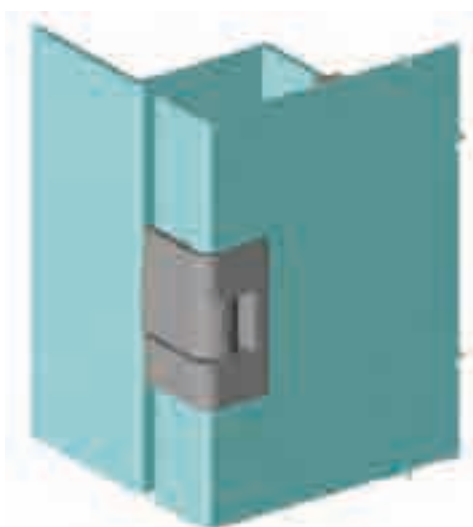
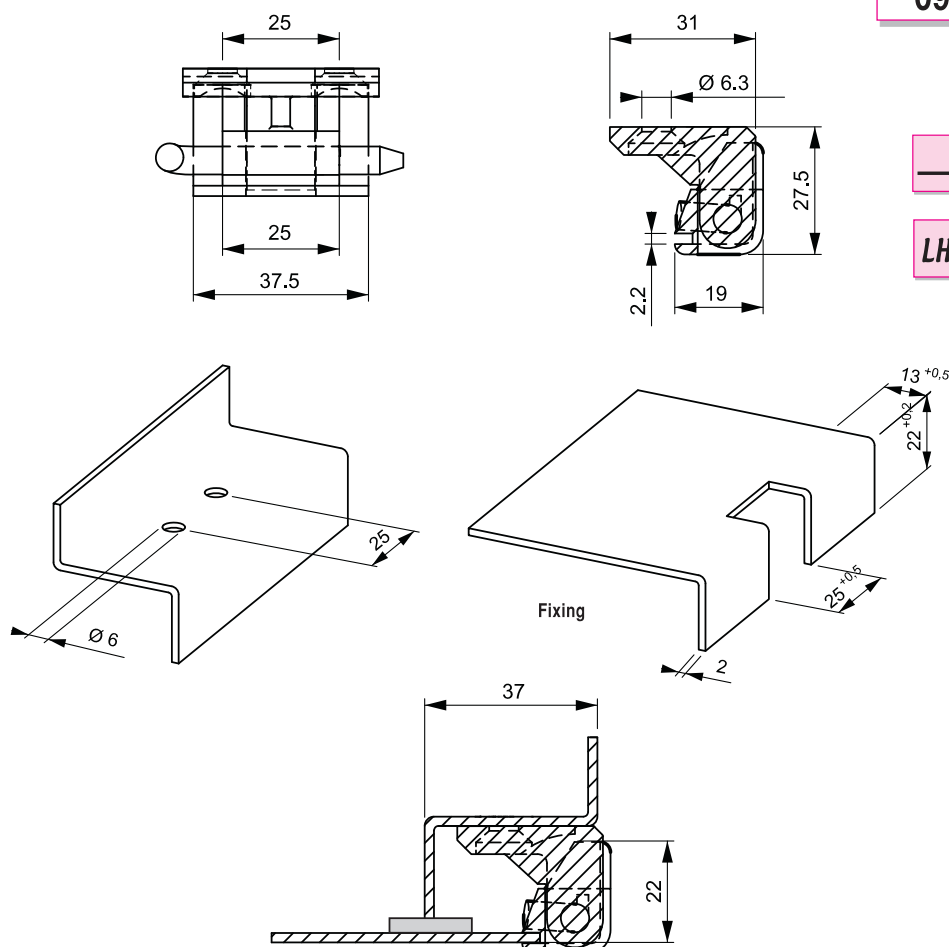
MATERIAL

BODY: Zamak DIN-EN 1774-ZnAl4Cu1

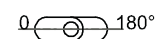
PIN : Steel

FINISH

Black coated

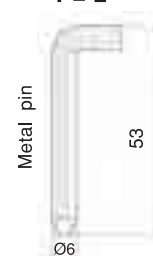


Hinge Rotation Angle



P = Pin

P = 2



PRODUCT CODE

098	1	-	F	-	2
GROUP CODE	MATERIAL		FINISH		PIN

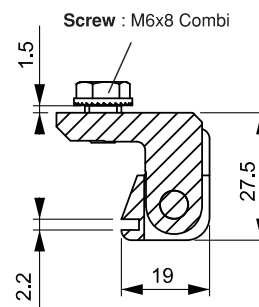
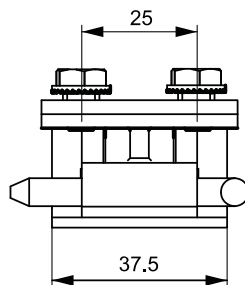
MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black coated	2

CORNER HINGE

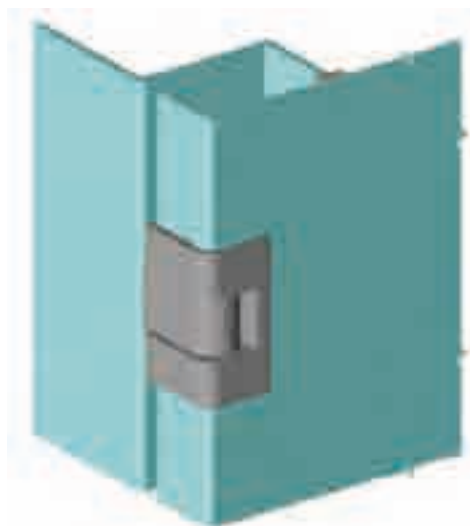
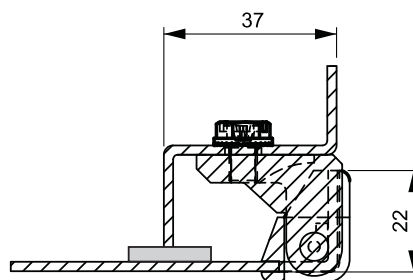
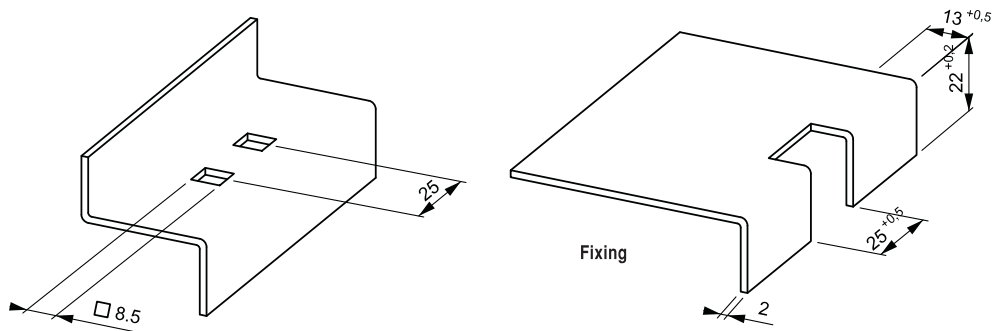
298



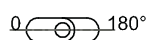
LH/RH



Screw : M6x8 Combi



Hinge Rotation Angle



P = Pin

P = 2



PRODUCT CODE

298

1

F

2

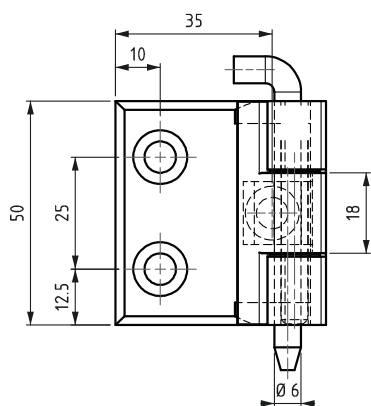
GROUP CODE

MATERIAL

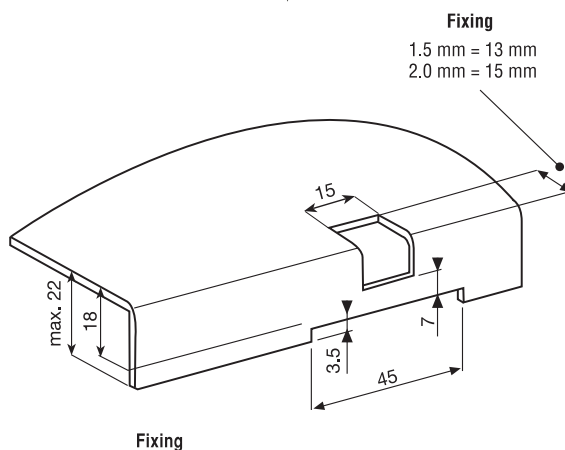
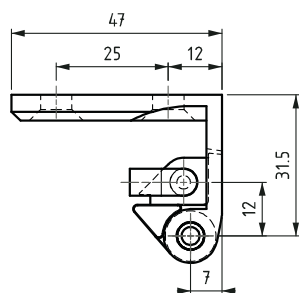
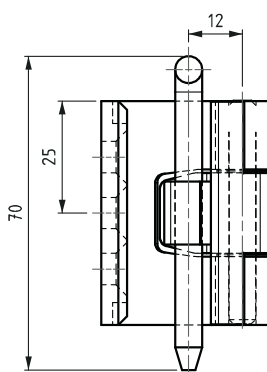
FINISH

PIN

MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black coated	2



V : 1



398

CORNER HINGE

New



LH/RH



- Left and right versions are possible.
- Max opening angle 180 degrees.
- Special cut-out is necessary for the cabinet door.
- Stainless steel spacers are used between the hinge parts.
- Suitable for 25 mm door bend cabinets.

APPLICATIONS

Profiles and big sized panels

MATERIAL

BODY: Zamak DIN-EN 1774-ZnAl4Cu1

PIN : Steel

FINISH

Black coated or chrome plated



PRODUCT CODE

398	1	-	F	-	1
GROUP CODE	MATERIAL		FINISH		VERSION

MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black coated	2

CORNER HINGE

398

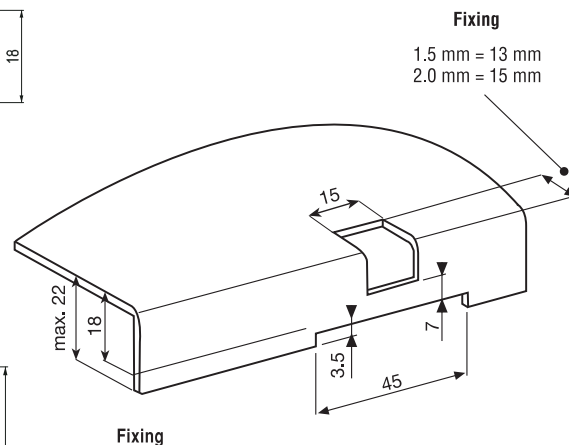
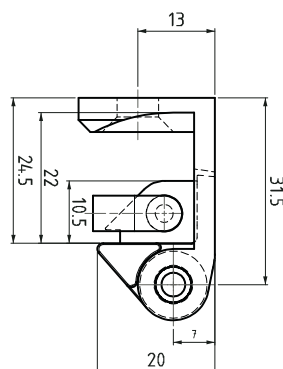
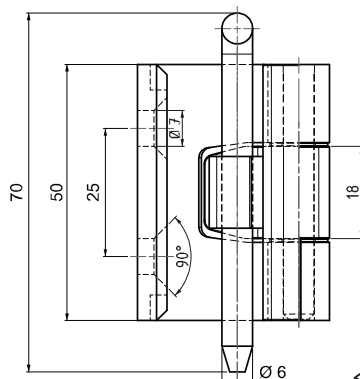
V : 2



New



LH/RH



- Left and right versions are possible.
- Max opening angle 180 degrees.
- Special cut-out is necessary for the cabinet door.
- Stainless steel spacers are used between the hinge parts.
- Suitable for 25 mm door bend cabinets.

APPLICATIONS

Profiles and big sized panels

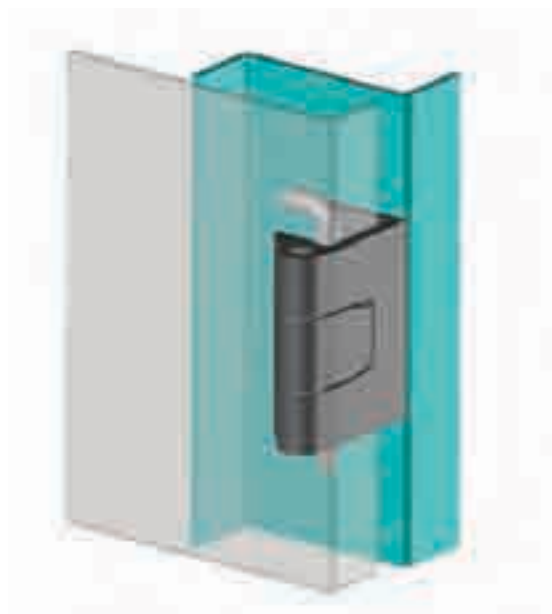
MATERIAL

BODY: Zamak DIN-EN 1774-ZnAl4Cu1

PIN : Steel

FINISH

Black coated or chrome plated



PRODUCT CODE

398

1

F

2

GROUP CODE

MATERIAL

FINISH

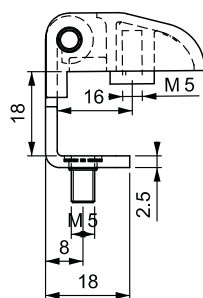
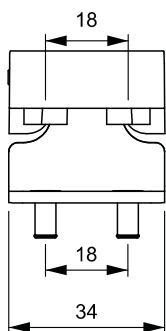
VERSION

MATERIAL	M
Zamak	1

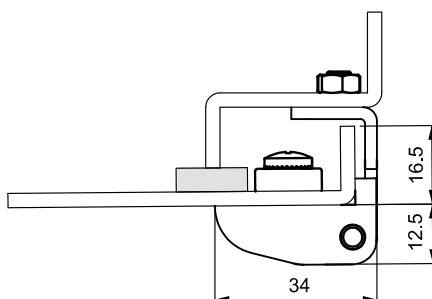
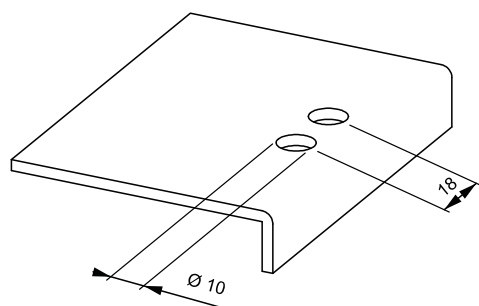
FINISH	F
Chrome	1
Black coated	2

400

CORNER HINGE



LH/RH



- For fitting to corner of doors with 16.5mm bend.
- M5 stud version available. Polyamide mounting supplied for fixing body.
- Budget priced, polyamide version available.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

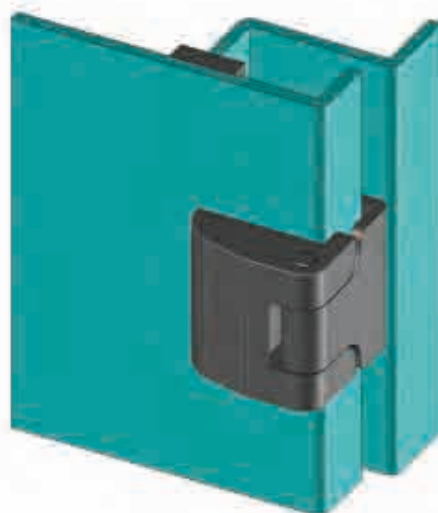
BODY : Zamak DIN-EN 1774-ZnAl4Cu1
or PA6 GFR 30

FIXED PART : Steel

PIN : Steel

FINISH

Black coated

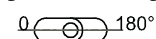


PRODUCT CODE

400	M	-	F	-	18	-	1
GROUP CODE	MATERIAL		FINISH		VERSION		
						Stud	

MATERIAL	M	FINISH	F
Zamak	1	Black coated	2
Plastic	2	No Finish	0

Hinge Rotation Angle



CORNER HINGE

200

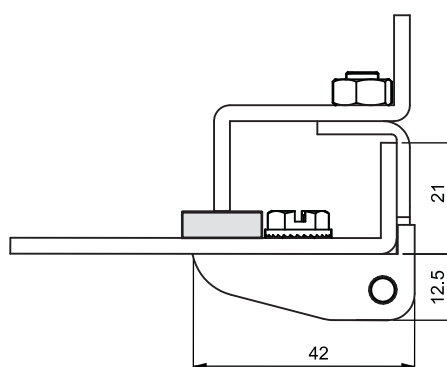
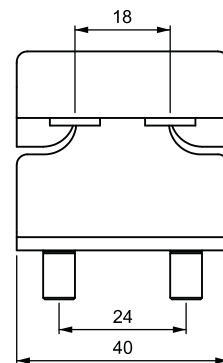
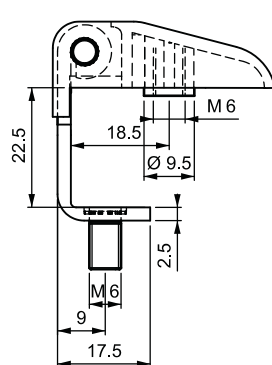
Hole



Stud



LH/RH



- For fitting to corner of doors with 21mm bend.
- Stud version available, using M6 studs.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1

FIXED PART : Steel

PIN : Steel

FINISH

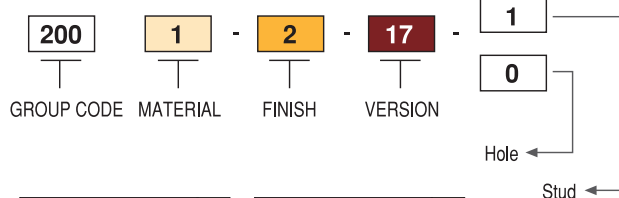
Black coated



Hinge Rotation Angle



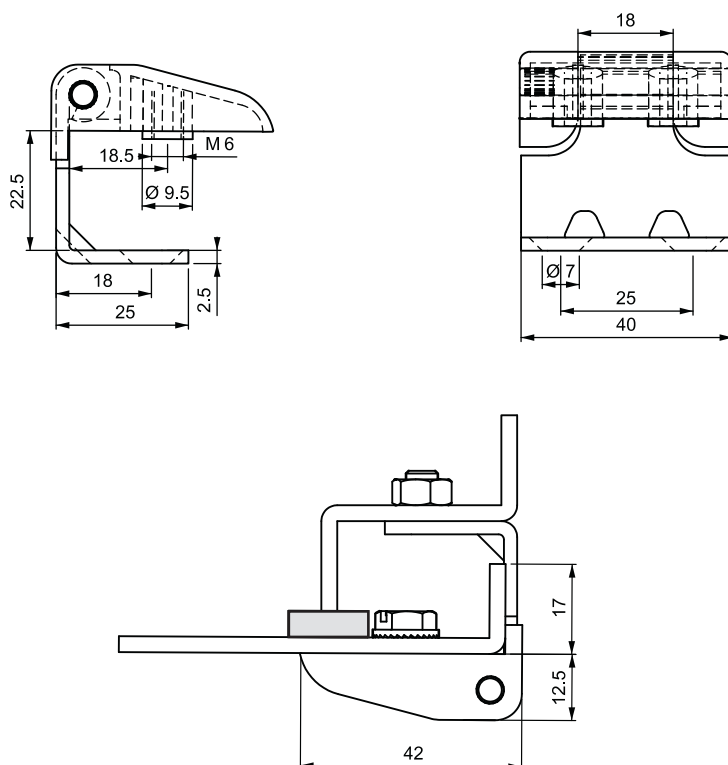
PRODUCT CODE



MATERIAL	M	FINISH	F
Zamak	1	Black coated	2

200

CORNER HINGE



LH/RH



APPLICATIONS

Electric panels, machinery covers

MATERIAL

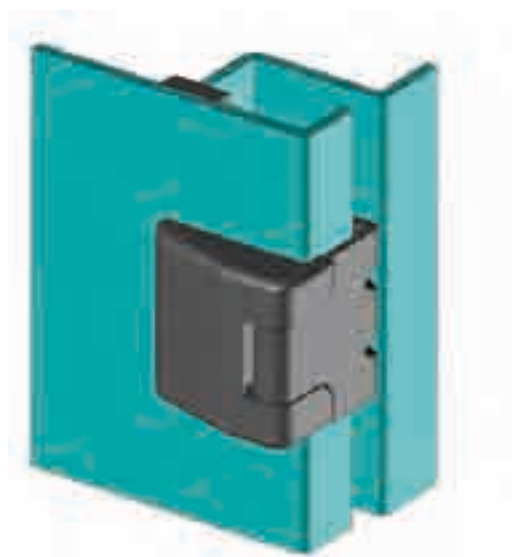
BODY : Zamak DIN-EN 1774-ZnAl4Cu1

FIXED PART : Steel

PIN : Steel

FINISH

Black coated



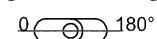
PRODUCT CODE

200	1	-	2	-	25	-	0
GROUP CODE	MATERIAL		FINISH		VERSION		

Hole ←

MATERIAL	M	FINISH	F
Zamak	1	Black coated	2

Hinge Rotation Angle

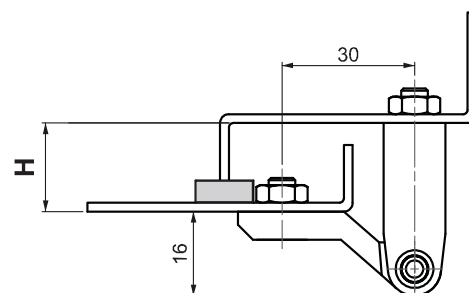
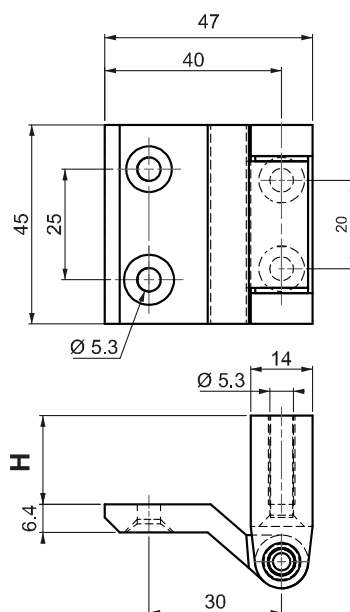


CORNER HINGE

100



LH/RH



- Designed for plain / flush mounted doors and side mounted doors.
- For side mounted doors with a bend of between 2 mm and 30 mm.
- Hardened steel hinge pin.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1

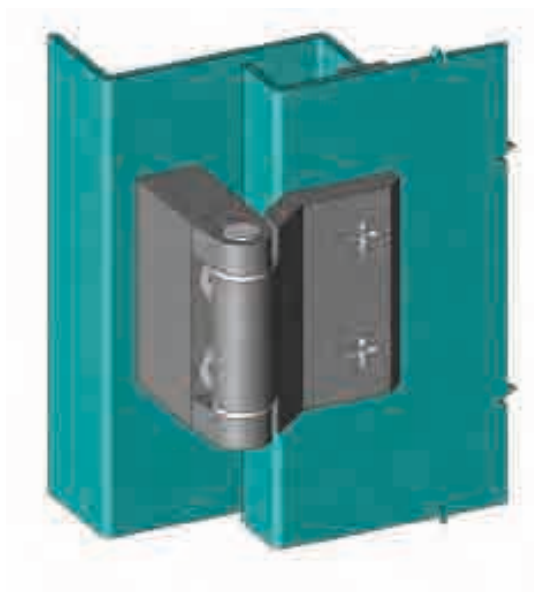
PIN : Steel

BEARING: Delrin

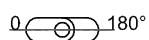
FINISH

Black coated

H
2
3
5
7
10
15
17
20
25
27
30



Hinge Rotation Angle

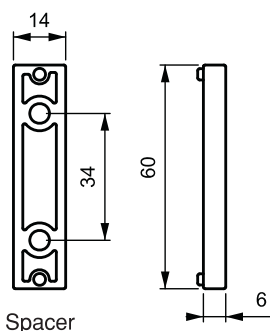
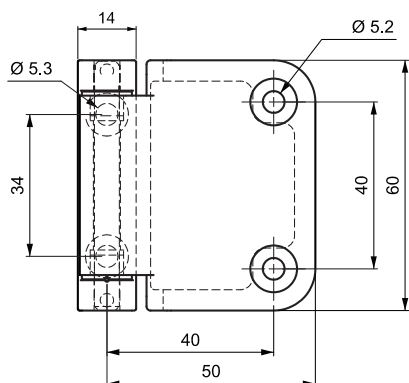


PRODUCT CODE

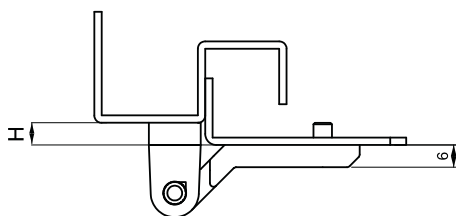
100	1	-	2	-	H
GROUP CODE	MATERIAL		FINISH		HEIGHT

MATERIAL	M	FINISH	F
Zamak	1	Black coated	2

V : 3



Spacer version
600 1-2-H-3



H
06
12
15



600

CORNER HINGE

New



LH/RH



- Design for plain side mounted doors
- For side mounted doors with a bend of 0-15 mm.
- Pin and plastic guides will be supplied separately.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1

PIN : Steel

BEARING: Delrin

FINISH

Black coated

PRODUCT CODE

600	1	-	2	-	H	-	V
GROUP CODE	MATERIAL		FINISH		HEIGHT		VERSION

MATERIAL	M	FINISH	F
Zamak	1	Black coated	2

HVAC HINGE - ADJUSTABLE (2D)

600

New



LH/RH

2 D



- Design for plain side mounted doors
- For side mounted doors with a bend of 0-15 mm.
- Hinge is supplied totally assembled to decrease the customer labour costs.
- 2 dimensional door adjustments are possible.
- Axial adjustment is ± 2 mm ,Radial adjustment is ± 1 mm.

APPLICATIONS

Air condition central units, electric panels, machinery covers

MATERIAL

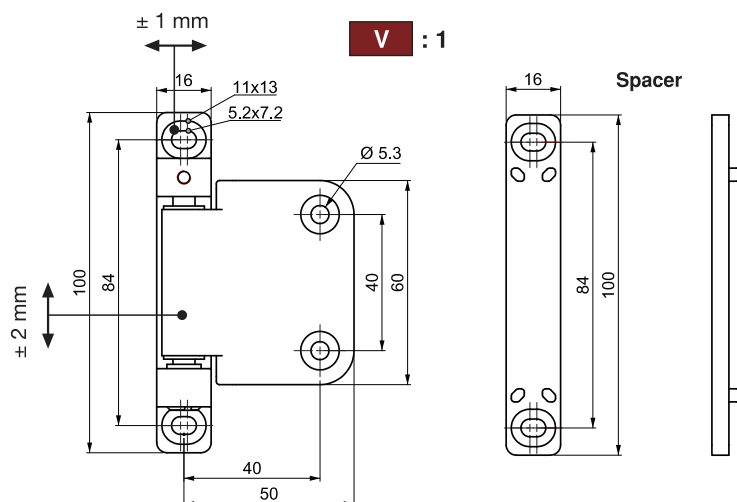
BODY : Zamak DIN-EN 1774-ZnAl4Cu1

PIN : Steel

BEARING: Delrin

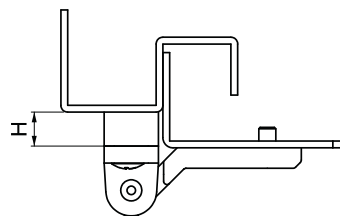
FINISH

Black coated



Spacer application

600 1-2-H-1



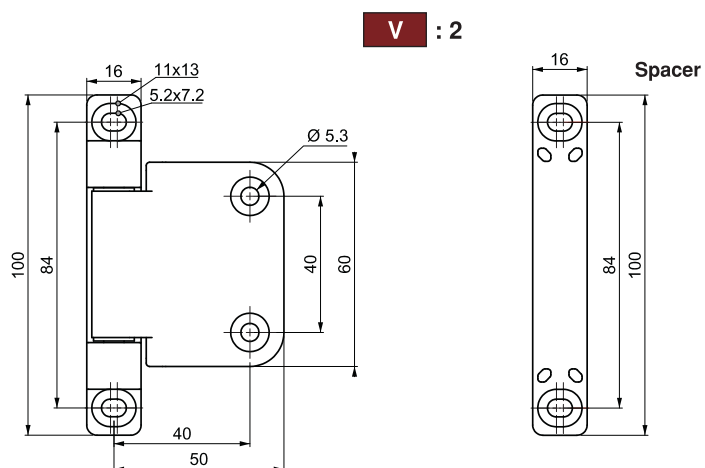
H
05
10
15



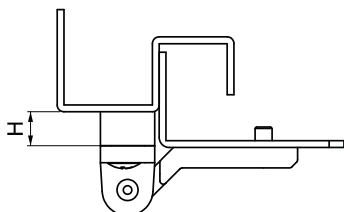
PRODUCT CODE

600	1	-	2	-	H	-	1
GROUP CODE	MATERIAL		FINISH		HEIGHT		VERSION

MATERIAL	M	FINISH	F
Zamak	1	Black coated	2



Spacer application
600 1-2-H-2



H
05
10
15



600

HVAC HINGE

New



LH/RH



- Design for plain side mounted doors
- For side mounted doors with a bend of 0-15 mm.
- Hinge is supplied totally assembled to decrease the customer labour costs.

APPLICATIONS

Air condition central units, electric panels, machinery covers

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1
PIN : Steel
BEARING: Delrin

FINISH

Black coated

PRODUCT CODE

600	1	-	2	-	H	-	2
GROUP CODE	MATERIAL		FINISH		HEIGHT		VERSION

MATERIAL	M	FINISH	F
Zamak	1	Black coated	2

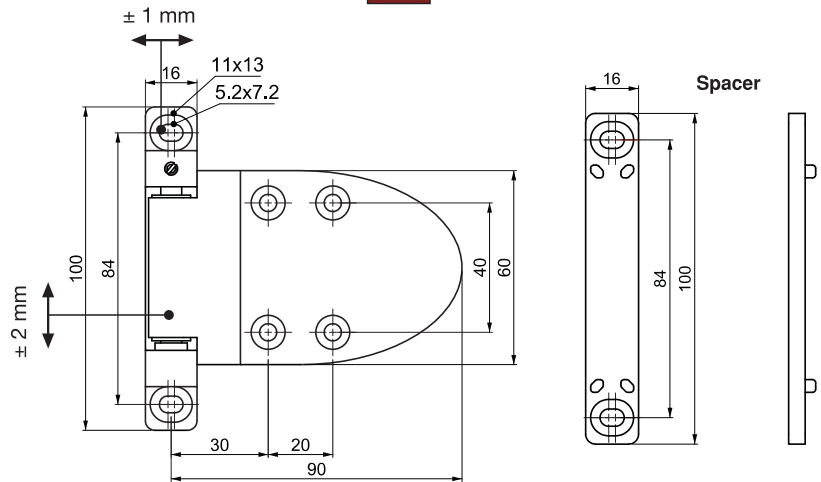
HVAC HINGE - ADJUSTABLE (2D)

700

New

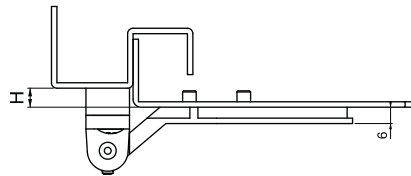
LH/RH

2 D



Spacer application

700 1-2-H-1



H
2
7
12

- Design for plain side mounted doors
- For side mounted doors with a bend of 2-12 mm.
- Hinge is supplied totally assembled to decrease the customer labour costs.
- 2 dimensional door adjustments are possible.
- Axial adjustment is ± 2 mm .Radial adjustment is ± 1 mm.

APPLICATIONS

Air condition central units, electric panels, machinery covers

MATERIAL

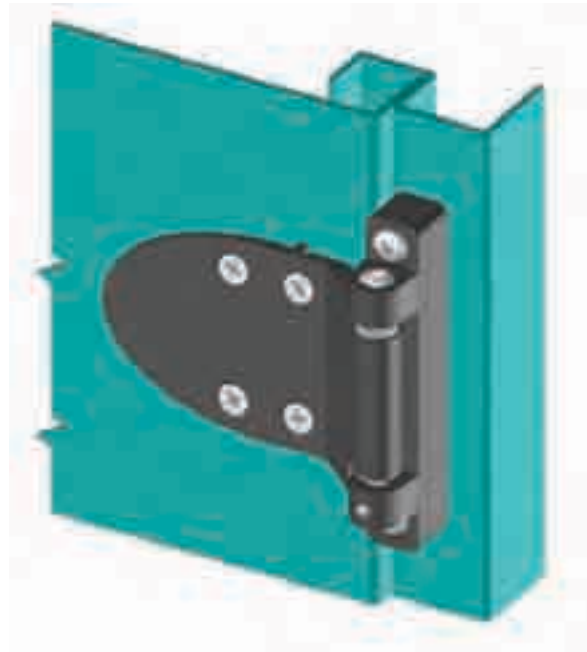
BODY : Zamak DIN-EN 1774-ZnAl4Cu1

PIN : Steel

BEARING: Delrin

FINISH

Black coated



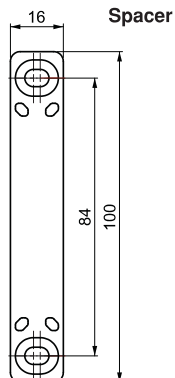
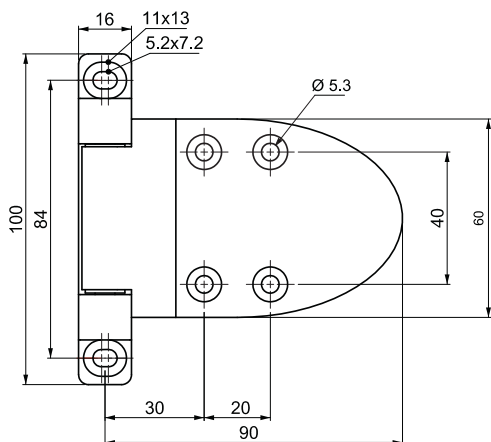
PRODUCT CODE

700	1	-	2	-	H	-	1
GROUP CODE	MATERIAL		FINISH		HEIGHT		VERSION

MATERIAL	M
Zamak	1

FINISH	F
Black coated	2

V : 2



700

HVAC HINGE

New

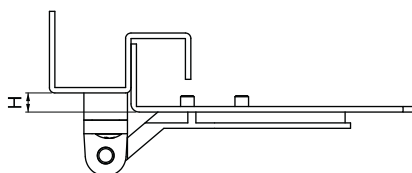


LH/RH



Spacer application

700 1-2-H-2



H

2

7

12

- Design for plain side mounted doors
- For side mounted doors with a bend of 2-12 mm.
- Hinge is supplied totally assembled to decrease the customer labour costs.

APPLICATIONS

Air condition central units, electric panels, machinery covers

MATERIAL

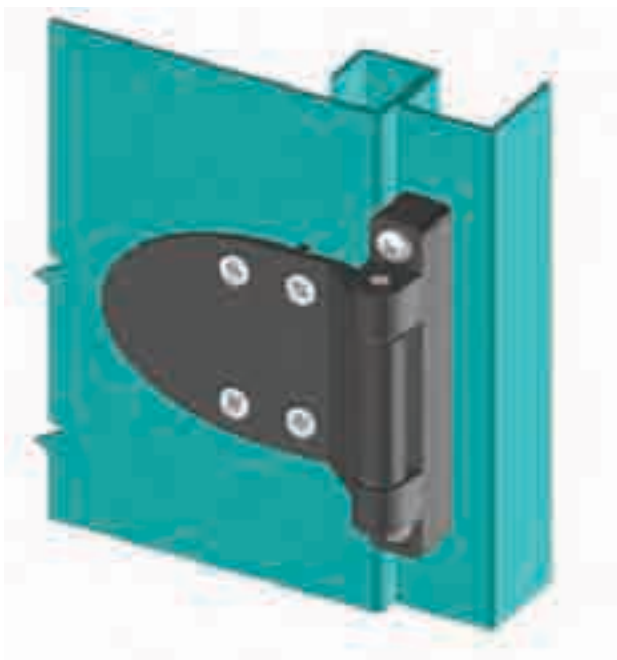
BODY : Zamak DIN-EN 1774-ZnAl4Cu1

PIN : Steel

BEARING: Delrin

FINISH

Black coated



PRODUCT CODE

700	1	-	2	-	H	-	2
GROUP CODE	MATERIAL		FINISH		HEIGHT		VERSION

MATERIAL	M
Zamak	1

FINISH	F
Black coated	2



Flat Hinges

Group code	Product name
299	Leaf hinge
199	Leaf hinge
099	Leaf hinge
399	Leaf hinge
699	Lift - off hinge
499	Leaf hinge
599	Leaf hinge
799	Leaf hinge
600	Hinge with bearing
600	Hvac hinge
700	Hvac hinge
300	Hvac hinge
500	Hvac hinge
100	Hinge with bearing
693	Hinge with bearing

Page

220

221

222 - 223

224 - 225

226 - 227

228

229

230

231

232 - 233

234 - 235

236

237

238

239

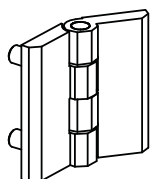


LEAF HINGE

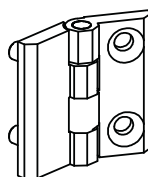
299



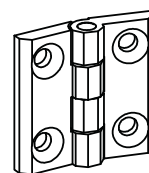
LH/RH



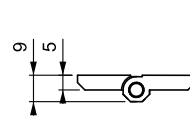
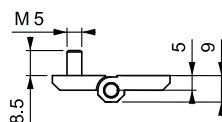
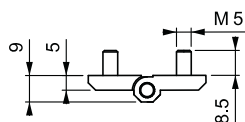
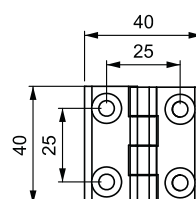
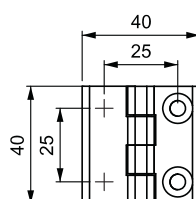
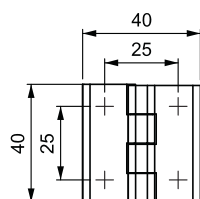
V : 1



V : 2



V : 3



- Generally used for plain / flush mounted doors.
- Stud versions fitted with M5 x 8.5mm threaded stud.
- Stainless steel (AISI 304) hinge pin.
- Maximum hinge rotation 270°.

APPLICATIONS

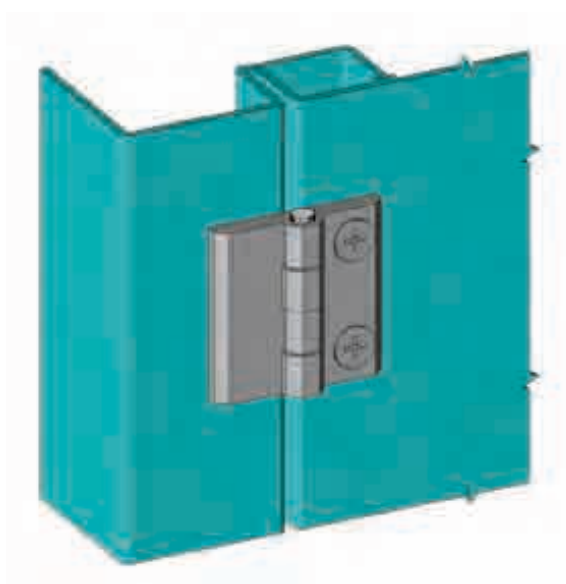
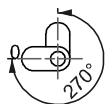
Electric panels, build-in covers.

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1

PIN : Stainless Steel

Hinge Rotation Angle



PRODUCT CODE

299

M

F

V

GROUP CODE

MATERIAL

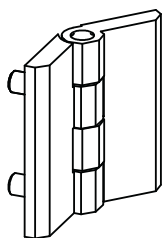
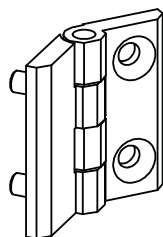
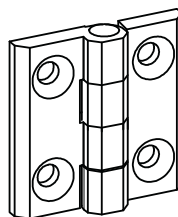
FINISH

VERSION

MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black Coated	2
Plastic	2	No finish	0

199

LEAF HINGE


V : 1

V : 2

V : 3


LH/RH



- Generally used for plain / flush mounted doors.
- Stud versions fitted with M6 x 12mm threaded stud.
- Stainless steel (AISI 304) hinge pin. Maximum hinge rotation 270°.

APPLICATIONS

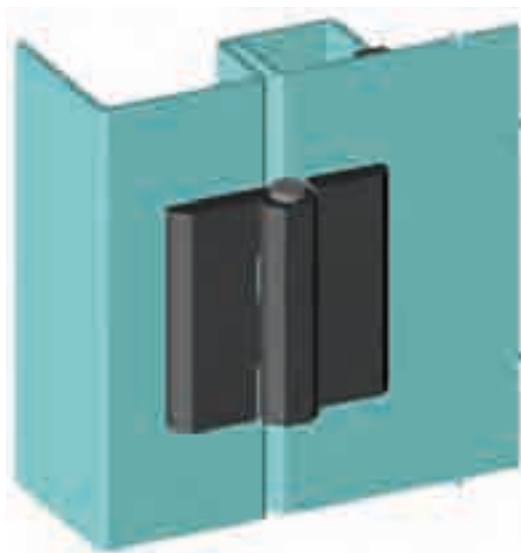
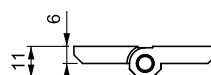
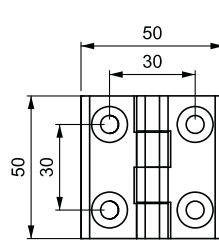
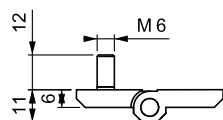
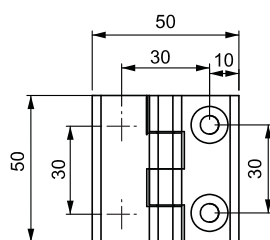
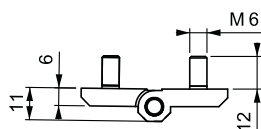
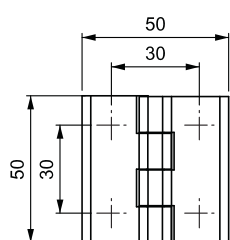
Electric panels, build-in covers.

MATERIAL

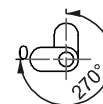
BODY : Polyamide DIN-EN ISO 1043-1

PA 6 GFR 30

PIN : Stainless Steel



Hinge Rotation Angle



PRODUCT CODE

199	2	-	0	-	V
GROUP CODE	MATERIAL		FINISH		VERSION

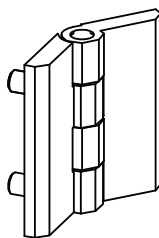
MATERIAL	M	FINISH	F
Plastic	2	No finish	0

LEAF HINGE

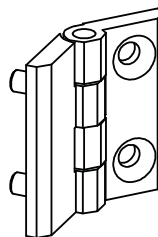
099



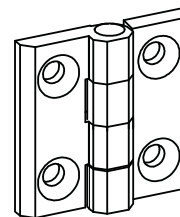
LH/RH



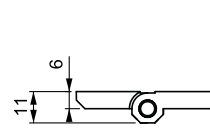
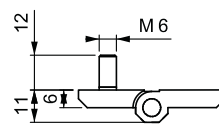
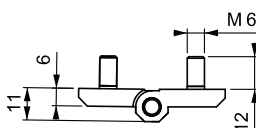
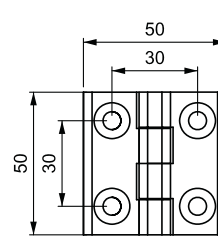
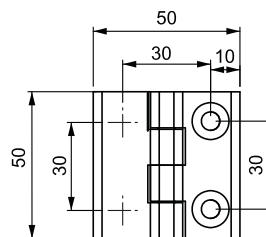
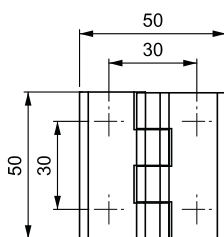
V : 1



V : 2



V : 4



- Generally used for plain / flush mounted doors.
- Stud versions fitted with M6 x 12mm threaded stud.
- Stainless steel (AISI 304) hinge pin. Maximum hinge rotation 270°.
- Available in three dimensions: 50 mm x 50 mm, 50 mm x 63 mm and 50 mm x 76 mm. Hole or stud fixing.

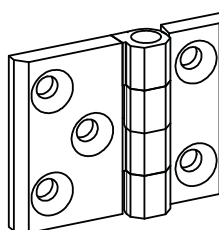
APPLICATIONS

Electric panels, build-in covers.

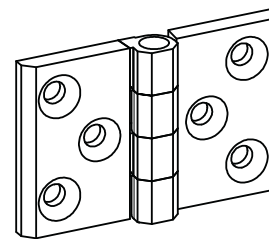
MATERIAL

BODY: Zamak DIN-EN 1774-ZnAl4Cu1

PIN : Stainless Steel

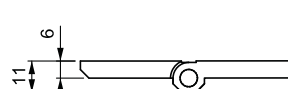
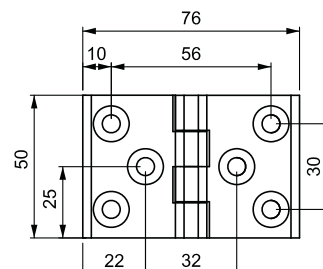
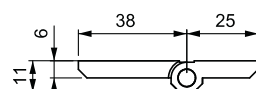
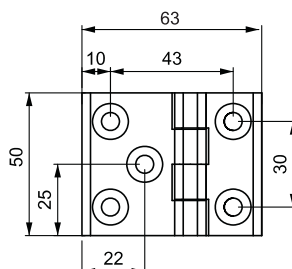
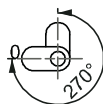


V : 5



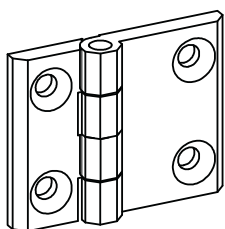
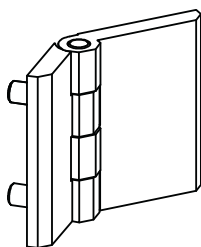
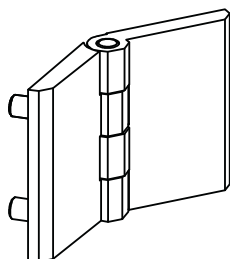
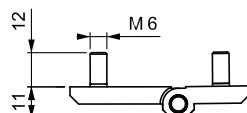
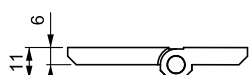
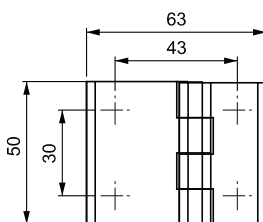
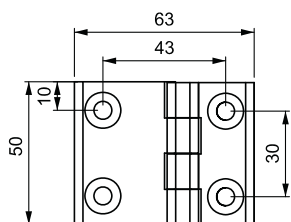
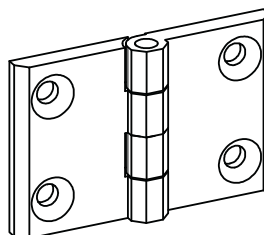
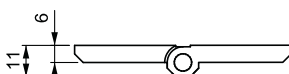
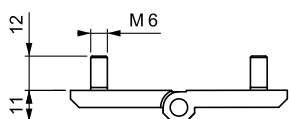
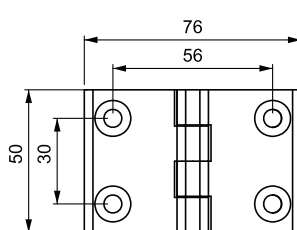
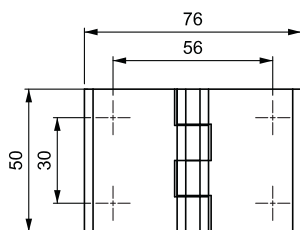
V : 6

Hinge Rotation Angle



099

LEAF HINGE


V : 7

V : 8

V : 9

V : 10


APPLICATIONS

Electric panels, build-in covers.

MATERIAL

BODY: Zamak DIN-EN 1774-ZnAl4Cu1

PIN : Stainless Steel

Hinge Rotation Angle



PRODUCT CODE

099	1	-	F	-	V
GROUP CODE	MATERIAL		FINISH		VERSION

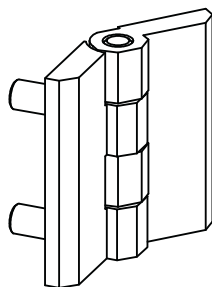
MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black Coated	2

LEAF HINGE

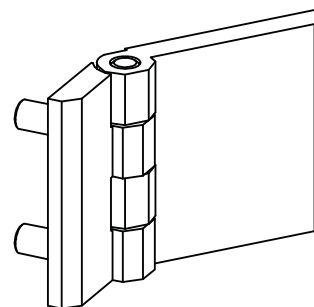
399



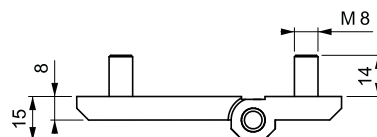
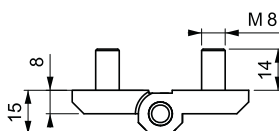
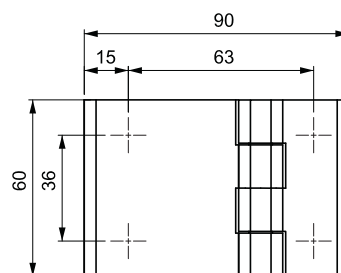
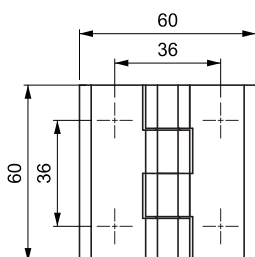
LH/RH



V : 1



V : 2



- Generally, used for plain / flush mounted, isolated, heavy doors.
- Stud versions fitted with M8 x 14mm threaded stud.
- Stainless steel (AISI 304) hinge pin.
- Available in three dimensions:
60 mm x 60 mm, 60 mm x 90 mm and
60 mm x 120 mm. Hole or stud fixing.

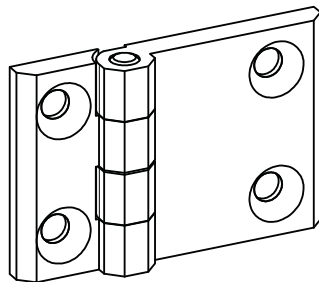
APPLICATIONS

Electric panels, build-in covers.

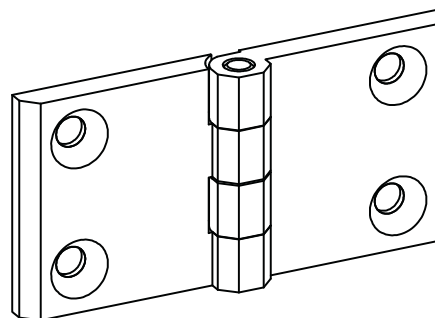
MATERIAL

BODY: Zamak DIN-EN 1774-ZnAl4Cu1

PIN : Stainless Steel

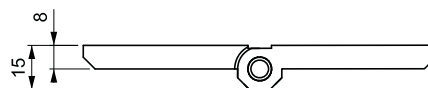
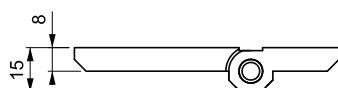
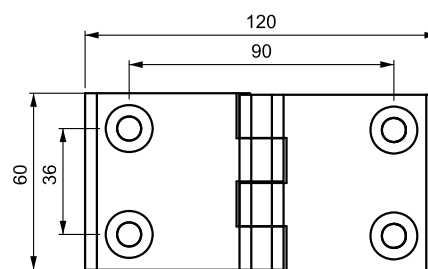
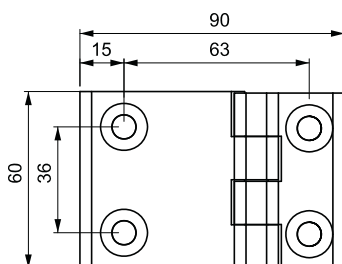
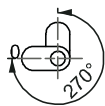


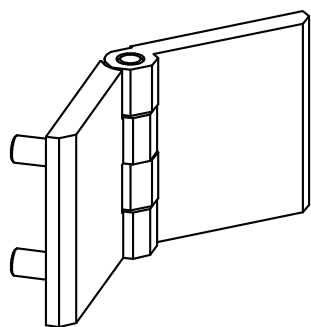
V : 5



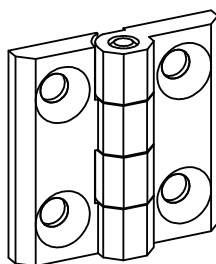
V : 6

Hinge Rotation Angle

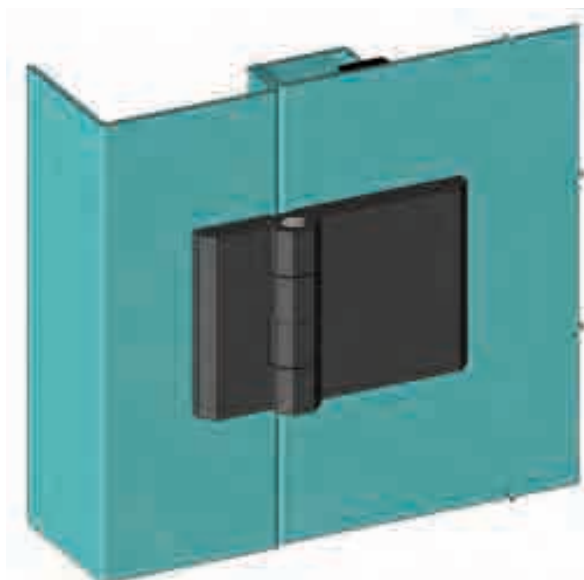
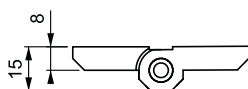
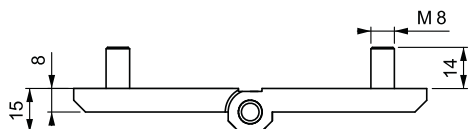
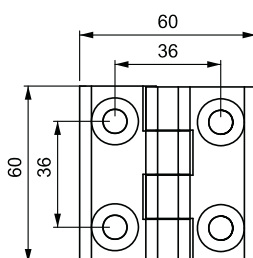
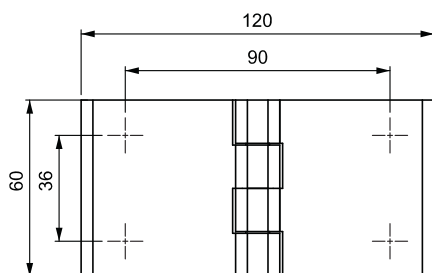




V : 3



V : 4



399

LEAF HINGE



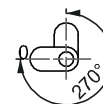
APPLICATIONS

Electric panels, build-in covers.

MATERIAL

BODY: Zamak DIN-EN 1774-ZnAl4Cu1
PIN : Stainless Steel

Hinge Rotation Angle



PRODUCT CODE

399	1	-	F	-	V
GROUP CODE	MATERIAL		FINISH		VERSION

MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black Coated	2

LIFT - OFF HINGE

699

V : 1



New



LH

RH



- Concealed mounting screws prevent external access to the hinge.
- Design for plain/flush mounted doors.
- Lift off hinge.
- Left and right hand opening doors.

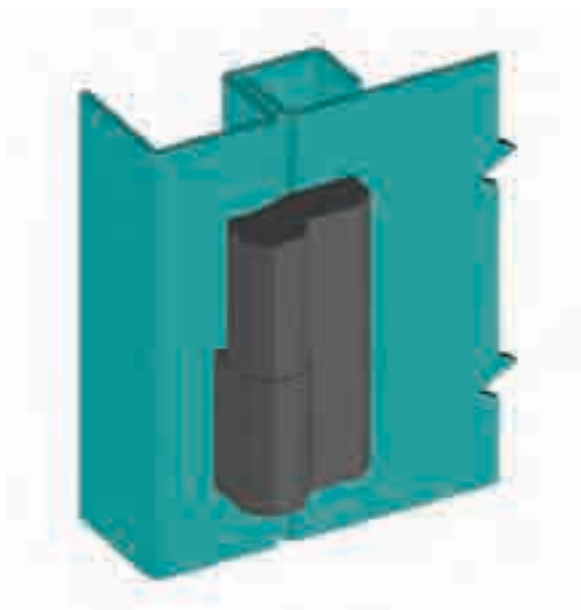
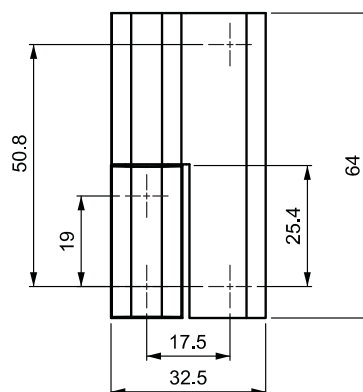
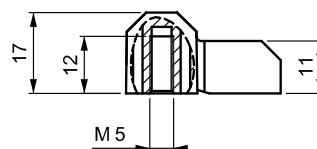
APPLICATIONS

Electric panels, build-in covers.

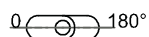
MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1

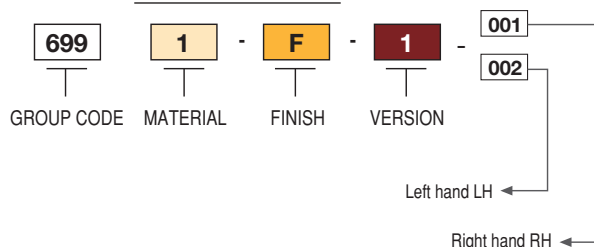
PIN : Stainless Steel



Hinge Rotation Angle

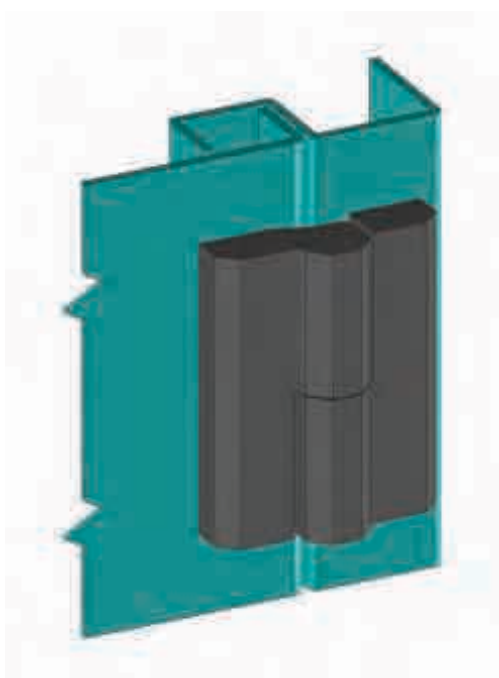
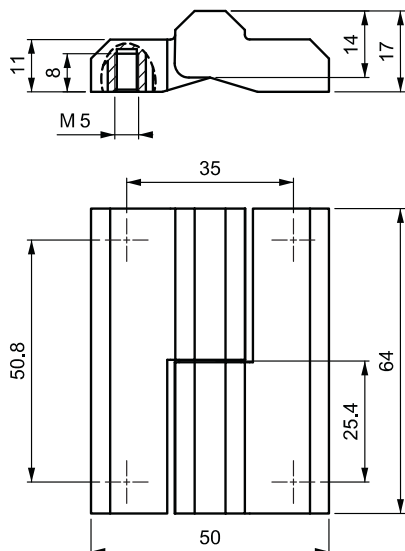


PRODUCT CODE



MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black Coated	2

V : 2



699

LIFT - OFF HINGE

New



LH

RH



- Concealed mounting screws prevent external access to the hinge.
- Design for plain/flush mounted doors.
- Lift off hinge.
- Left and right hand opening doors.

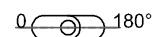
APPLICATIONS

Electric panels, build-in covers.

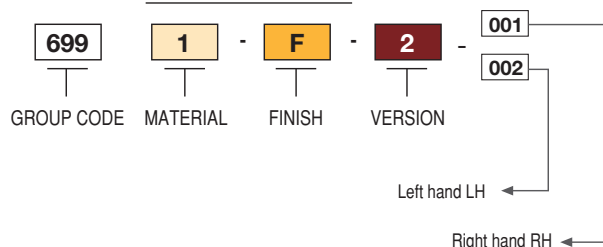
MATERIAL

BODY: Zamak DIN-EN 1774-ZnAl4Cu1
PIN : Stainless Steel

Hinge Rotation Angle



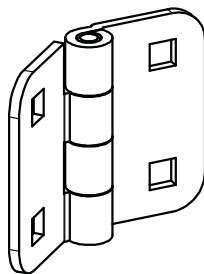
PRODUCT CODE



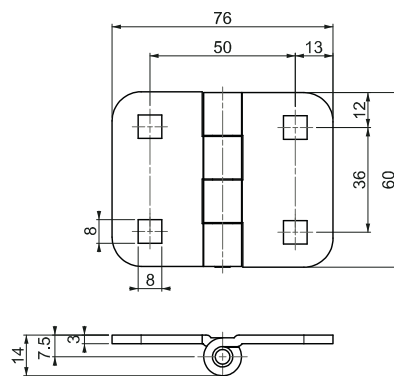
MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black Coated	2

LEAF HINGE

499



V : 1



- Generally, used for plain / flush mounted, isolated, heavy doors.
- Steel construction provides very high resistance. M8 x 12mm threaded studs have domed heads.

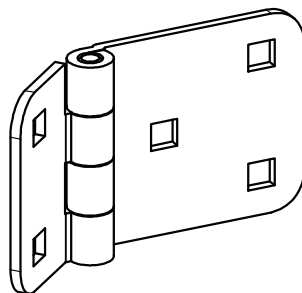
APPLICATIONS

Electric panels, build-in covers.

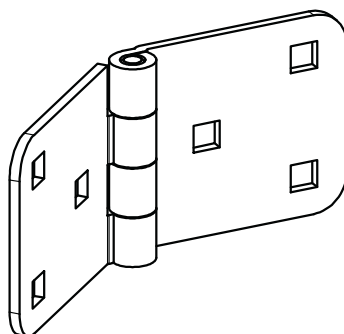
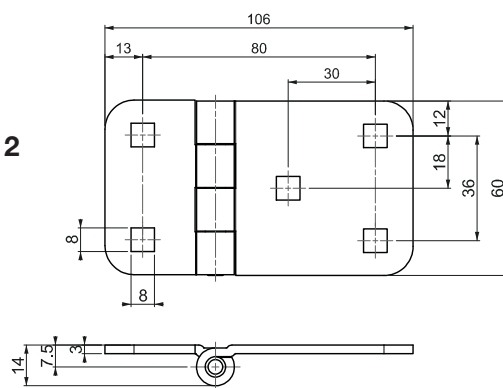
MATERIAL

BODY: Steel

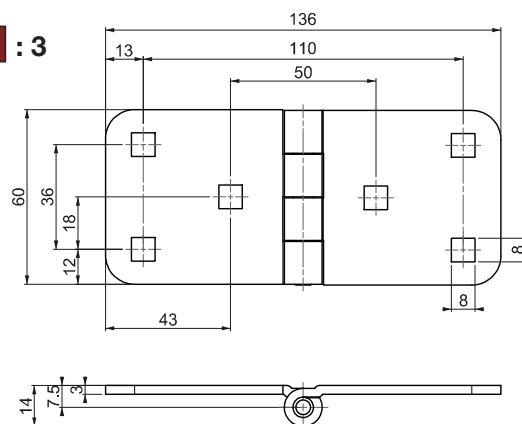
PIN : Stainless Steel

Note: Bolts are given


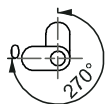
V : 2



V : 3



Hinge Rotation Angle



PRODUCT CODE

499

6

F

V

GROUP CODE

MATERIAL

FINISH

VERSION

MATERIAL

M

Steel

6

FINISH

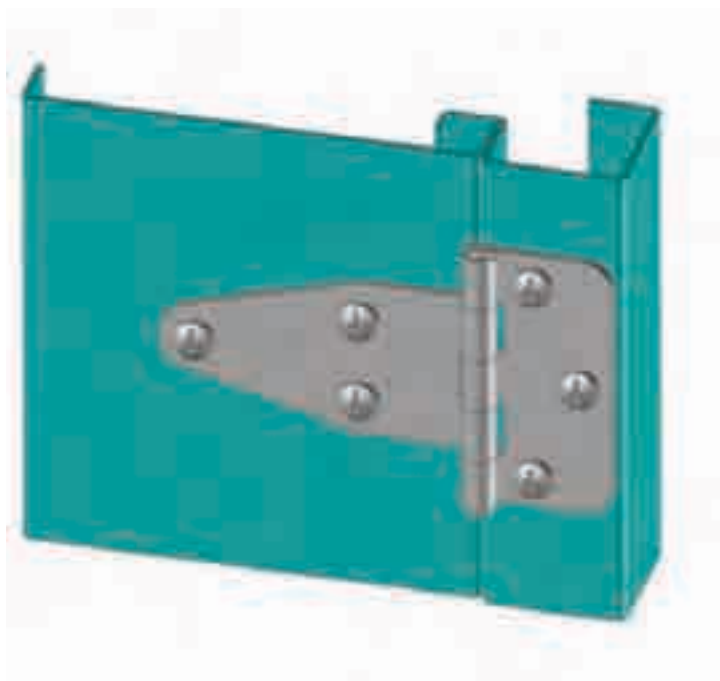
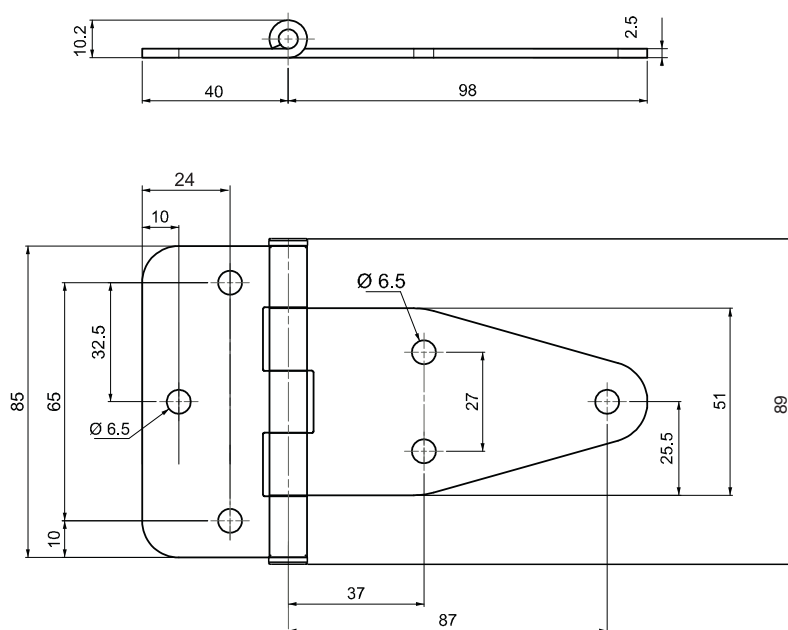
F

Black coated

2

Zinc plated

3



599

LEAF HINGE

New



LH/RH



- Generally, used for plain / flush mounted, isolated, heavy doors.
- Both frame part and door part are screwed -on.
- Hinge Rotation angle is 180°

APPLICATIONS

Electric panels, build-in covers.

MATERIAL

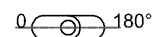
BODY: Steel

PIN : Steel

FINISH

Zinc plated or black coated

Hinge Rotation Angle

**PRODUCT CODE**

599

6

- **F**

GROUP CODE

MATERIAL

FINISH

MATERIAL	M	FINISH	F
Steel	6	Zinc plated	3
		Black coated	2

LEAF HINGE

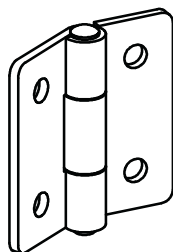
799



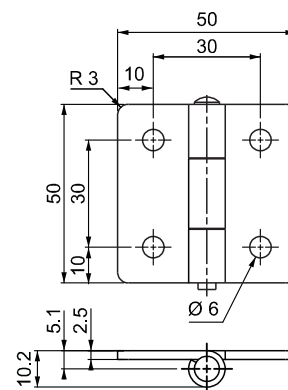
New



LH/RH



V : 1



- Generally, used for plain / flush mounted, isolated, heavy doors.

APPLICATIONS

Electric panels, build-in covers.

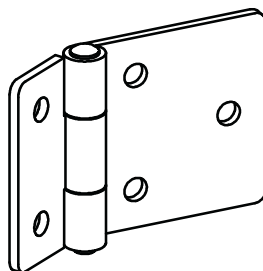
MATERIAL

BODY: Steel

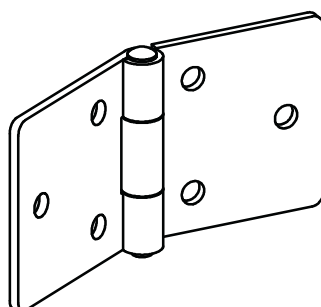
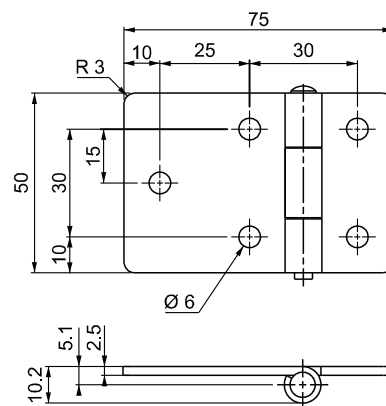
PIN : Stainless Steel

FINISH

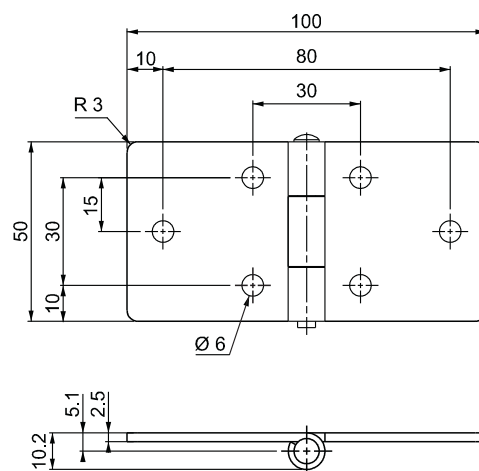
Zinc plated or black coated



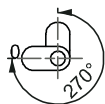
V : 2



V : 3



Hinge Rotation Angle



PRODUCT CODE

799

6

F

V

GROUP CODE

MATERIAL

FINISH

VERSION

MATERIAL

M

Steel

FINISH

F

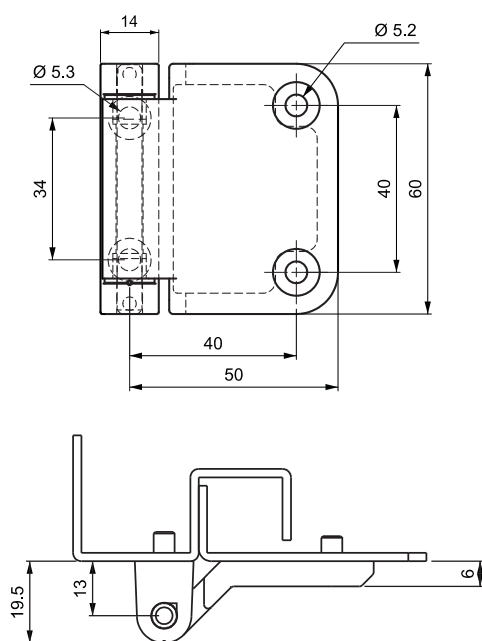
Zinc plated

3

Black coated

2

V : 3



600

HINGE WITH BEARING

New



LH/RH



- Design for plain flush mounted doors
- Pin and plastic guides will be supplied separately.
- Also can be used for offset doors.
Please look at corner hinges section.

APPLICATIONS

Electric panels, build-in covers.

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1

PIN : Steel

BEARING : Delrin

FINISH

Black coated

PRODUCT CODE

600	1	-	2	-	00	-	3
GROUP CODE	MATERIAL		FINISH		HEIGHT		VERSION

MATERIAL	M	FINISH	F
Zamak	1	Black coated	2

HVAC HINGE - ADJUSTABLE (2D)

600

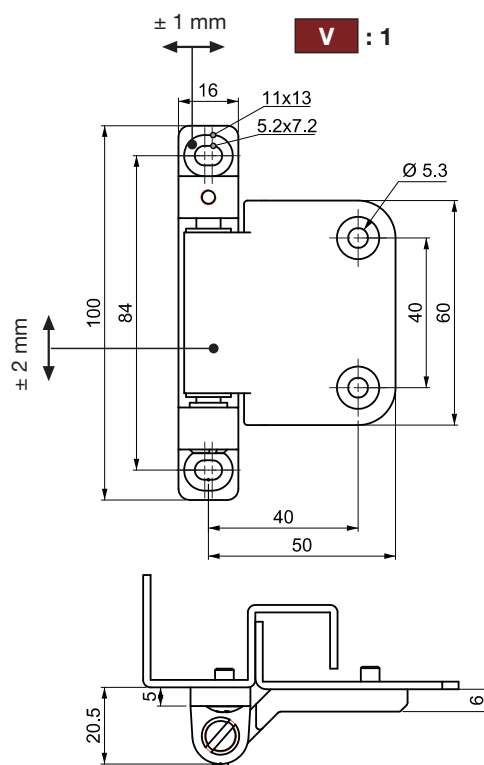


New



LH/RH

2 D



- Design for plain flush mounted doors
- Hinge is supplied totally assembled to decrease the customer labour costs.
- 2 dimensional door adjustments are possible.
- Axial adjustment is ± 2 mm .Radial adjustment is ± 1 mm.
- Also can be used for offset doors.
Please look at corner hinges section.

APPLICATIONS

Air condition central units, electric panels, machinery covers

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1

PIN : Steel

BEARING : Delrin

FINISH

Black coated

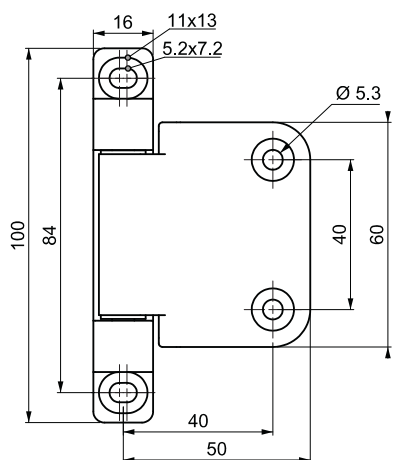


PRODUCT CODE

600	1	-	2	-	00	-	1
GROUP CODE	MATERIAL		FINISH		HEIGHT		VERSION

MATERIAL	M	FINISH	F
Zamak	1	Black coated	2

V : 2



600

HVAC HINGE

New



LH/RH



- Design for plain flush mounted doors
- Hinge is supplied totally assembled to decrease the customer labour costs.
- Also can be used for offset doors. Please look at corner hinges section.

APPLICATIONS

Air condition central units, electric panels, machinery covers

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1
PIN : Steel
BEARING : Delrin

FINISH

Black coated

PRODUCT CODE

600 - **1** - **2** - **00** - **2**
GROUP CODE MATERIAL FINISH HEIGHT VERSION

MATERIAL	M	FINISH	F
Zamak	1	Black coated	2

HVAC HINGE - ADJUSTABLE (2D)

700

New



LH/RH

2 D



- Design for plain side mounted doors.
- Hinge is supplied totally assembled to decrease the customer labour costs.
- 2 dimensional door adjustments are possible.
- Axial adjustment is ± 2 mm .Radial adjustment is ± 1 mm.
- Also can be used for offset doors.
Please look at corner hinges section.

APPLICATIONS

Air condition central units, electric panels, machinery covers

MATERIAL

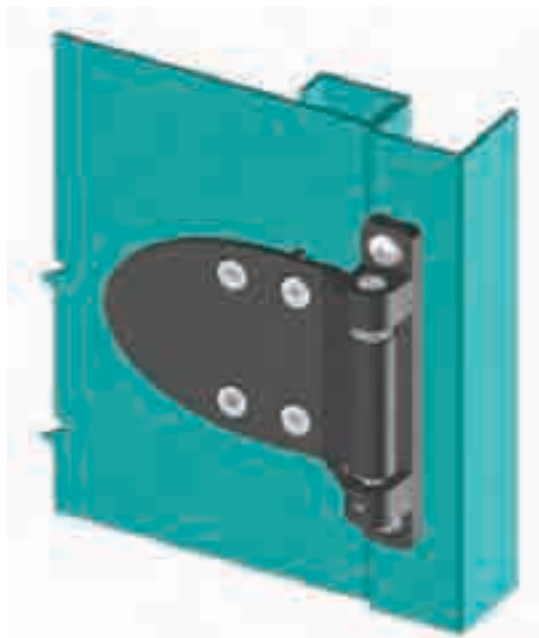
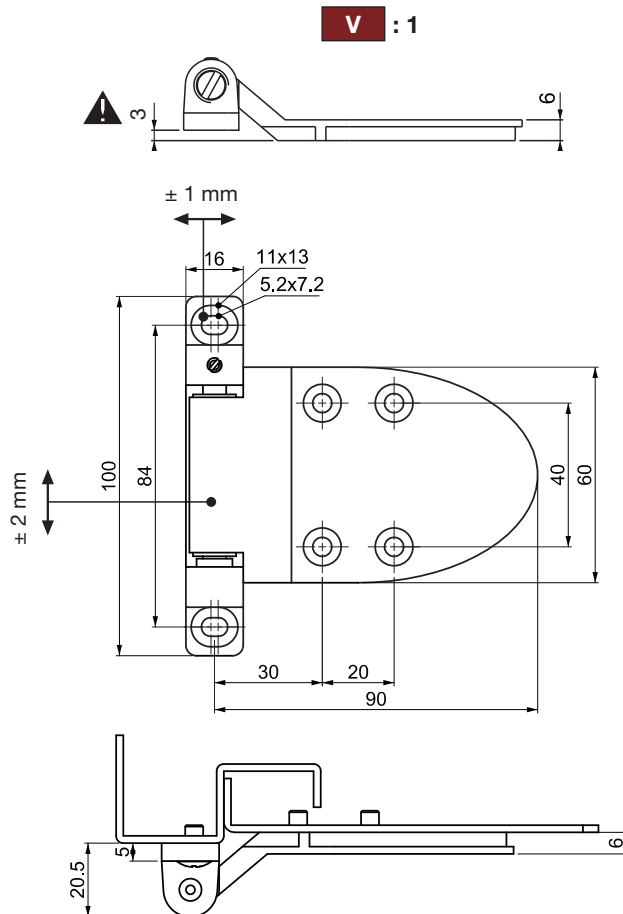
BODY : Zamak DIN-EN 1774-ZnAl4Cu1

PIN : Steel

BEARING : Delrin

FINISH

Black coated

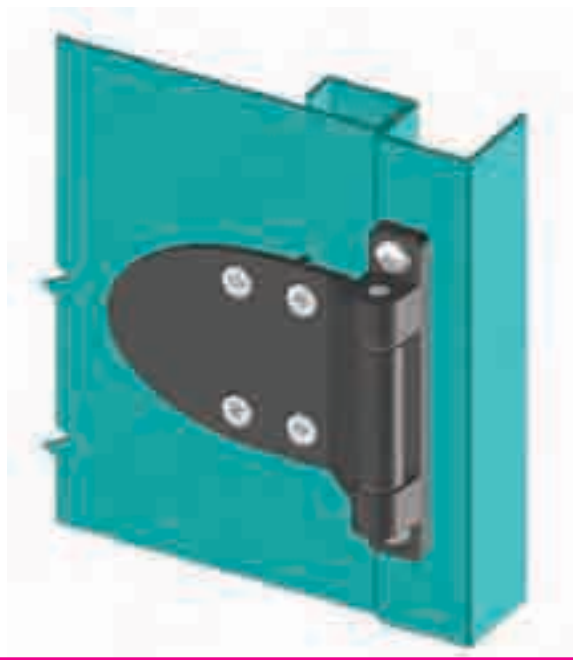
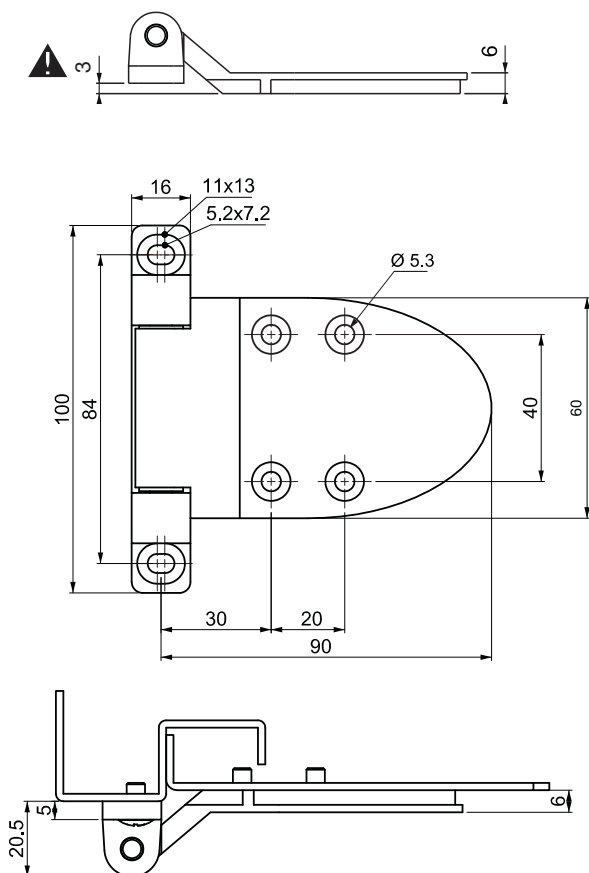


PRODUCT CODE

700	1	-	2	-	00	-	1
GROUP CODE	MATERIAL		FINISH		HEIGHT		VERSION

MATERIAL	M	FINISH	F
Zamak	1	Black coated	2

V : 2



700

HVAC HINGE

New



LH/RH



- Design for plain side mounted doors.
- For side mounted doors with a bend of 2-12 mm.
- Hinge is supplied totally assembled to decrease the customer labour costs.
- Also can be used for offset doors. Please look at corner hinges section.

APPLICATIONS

Air condition central units, electric panels, machinery covers

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1
PIN : Steel
BEARING : Delrin

FINISH

Black coated

PRODUCT CODE

700 - **1** - **2** - **00** - **2**
GROUP CODE MATERIAL FINISH HEIGHT VERSION

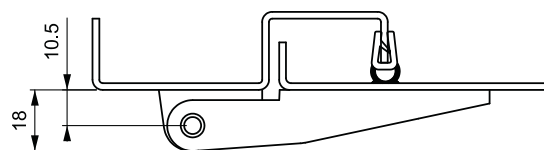
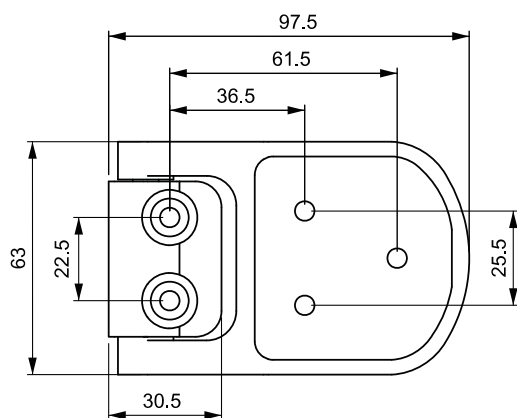
MATERIAL	M	FINISH	F
Zamak	1	Black coated	2

HVAC HINGE

300



LH/RH



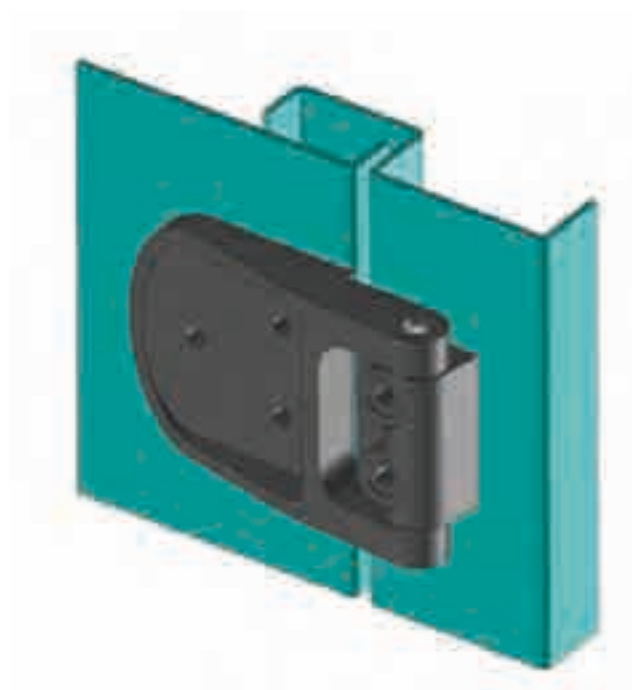
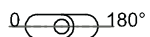
APPLICATIONS

Air condition central units, electric panels,
machinery covers

MATERIAL

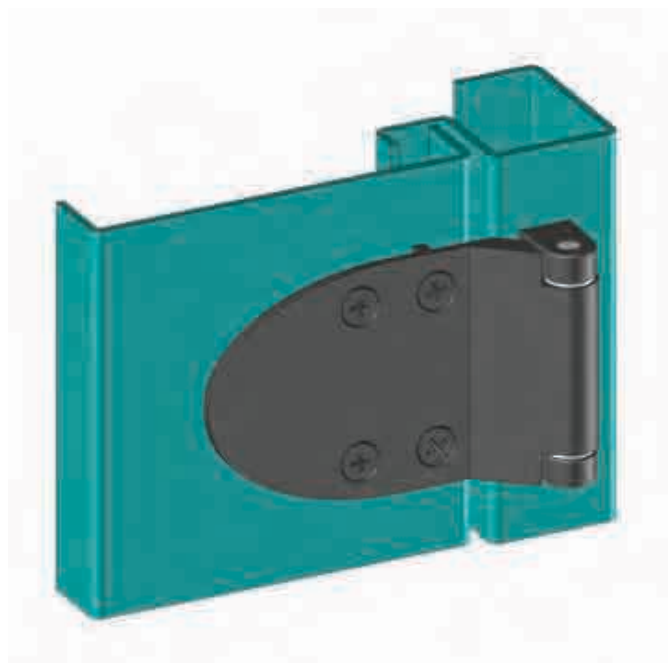
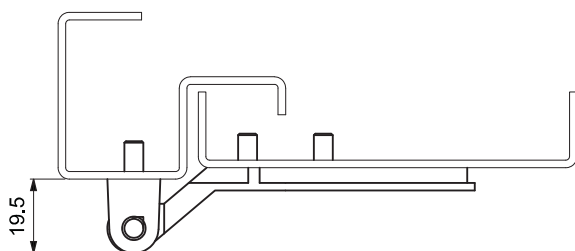
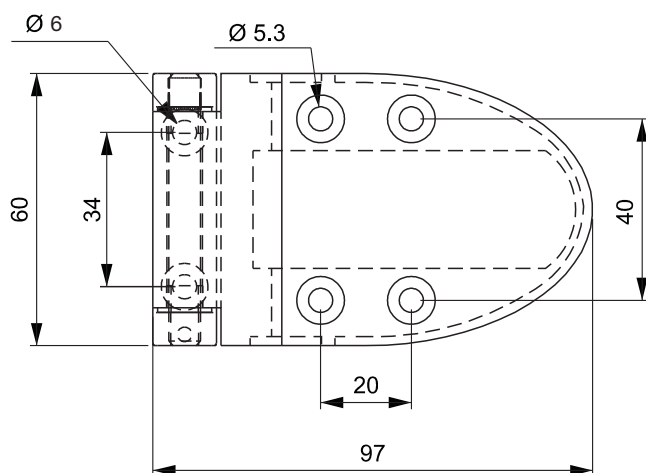
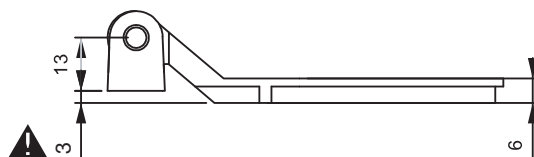
BODY: Polyamide DIN-EN ISO 1043-1
PA 6 GFR 30
PIN : Stainless Steel

Hinge Rotation Angle



500

HVAC HINGE



- Generally, used for plain / flush mounted, isolated, heavy doors.
- Specially designed for air conditioning (HVAC) central units.
- Stylish design. Supplied with polyamide hinge cover. Stainless steel (AISI 304) hinge pin.

APPLICATIONS

Air condition central units, electric panels, machinery covers

MATERIAL

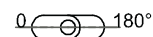
BODY : Zamak DIN-EN 1774-ZnAl4Cu1
PIN : Stainless Steel
BEARING : Delrin
COVER : PA6 GFR 30

FINISH

Black coated



Hinge Rotation Angle

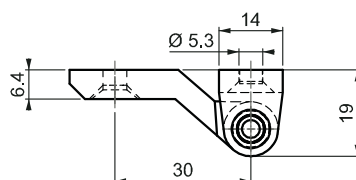
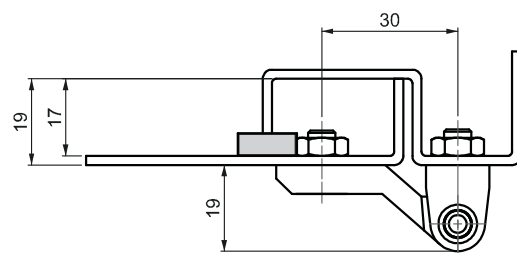
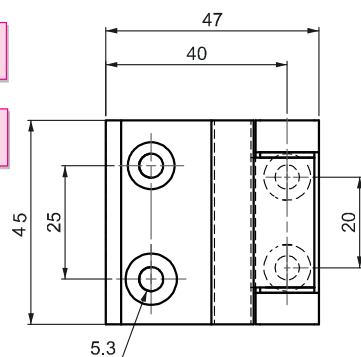


HINGE WITH BEARING

100



LH/RH



APPLICATIONS

Electric panels, machinery covers

MATERIAL

BODY : Zamak DIN-EN 1774-ZnAl4Cu1

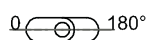
PIN : Steel

BEARING : Delrin

FINISH

Black coated

Hinge Rotation Angle



PRODUCT CODE

100

1

2

00

GROUP CODE

MATERIAL

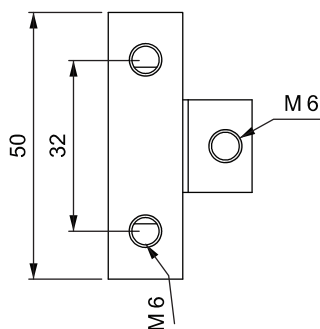
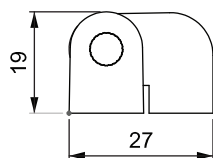
FINISH

HEIGHT

MATERIAL	M	FINISH	F
Zamak	1	Black Coated	2

693

HINGE WITH BEARING



LH/RH



APPLICATIONS

Electric panels, machinery covers

MATERIAL

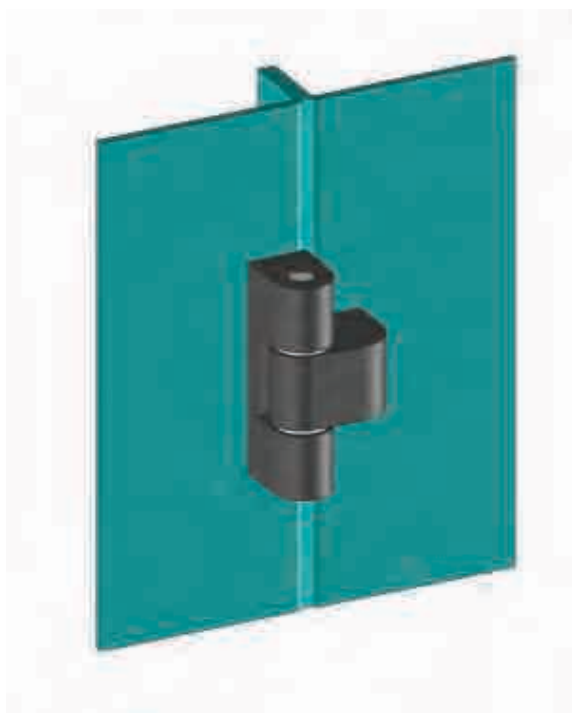
BODY : Zamak DIN-EN 1774-ZnAl4Cu1

PIN : Stainless steel

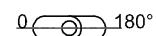
BEARING : Delrin

FINISH

Chrome plated or black coated



Hinge Rotation Angle



PRODUCT CODE

693	1	-	F	-	2
GROUP CODE	MATERIAL		FINISH		VERSION

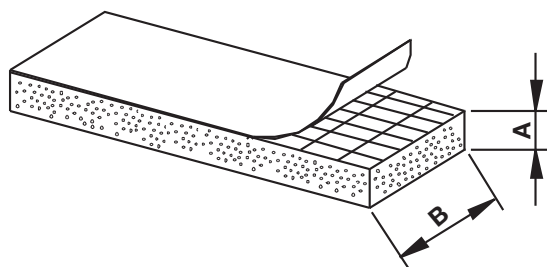
MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black Coated	2

Product name

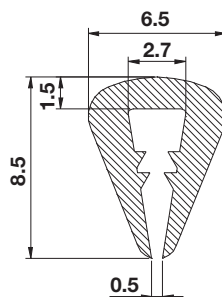
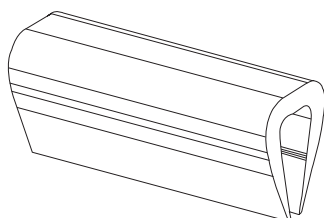
Closed cell sponge rubber

Grove gasket



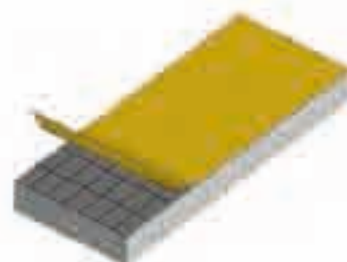


A (mm)	B (mm)	1100 Polietilen	1200 EPDM
3	10	1100.3.10	1200.3.10
3	15	1100.3.15	1200.3.15
3	20	1100.3.20	1200.3.20
3	25	1100.3.25	1200.3.25
3	30	1100.3.30	1200.3.30
5	10	1100.5.10	1200.5.10
5	15	1100.5.15	1200.5.15
5	20	1100.5.20	1200.5.20
5	25	1100.5.25	1200.5.25
5	30	1100.5.30	1200.5.30
5	35	1100.5.35	1200.5.35
5	40	1100.5.40	1200.5.40
2	10	1100.2.10	1200.2.20
2	15	1100.2.15	1200.2.15
2	20	1100.2.20	1200.2.20
2	25	1100.2.25	1200.2.25
2	30	1100.2.30	1200.2.30



SPECIFICATIONS	PRODUCT CODE
For 1.5 thickness panel	1010
For 1.5 thickness panel	1011
For 1.0 thickness panel	1012

CLOSED CELL SPONGE RUBBER



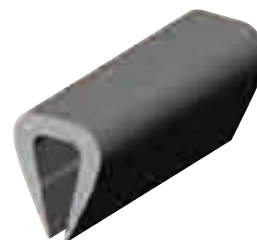
APPLICATIONS

Electric panels and machinery covers

MATERIAL

Polietilen or Rubber

EDGE-PROTECTION



APPLICATIONS

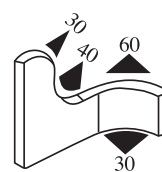
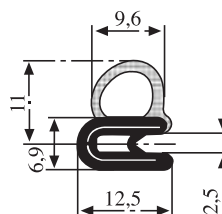
Electric panels and machinery covers

MATERIAL

PVC

**340.09.001**

Old. Ref.

1408

Grip Range
1.0-2.0 mm

Material

EPDM

Color:

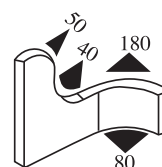
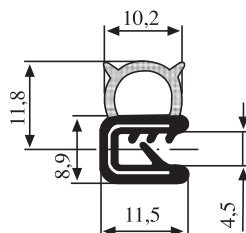
BLACK

Packing (mt.) :

100

**340.09.002**

Old. Ref.

1403

Grip Range
1.0-3.0 mm

Material

EPDM

Color:

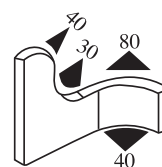
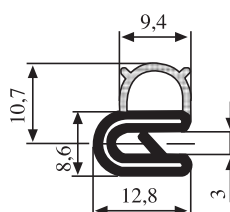
BLACK

Packing (mt.) :

100

**340.09.003**

Old. Ref.

1402

Grip Range
1.0-2.5 mm

Material

EPDM

Color:

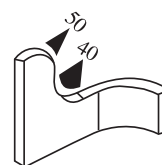
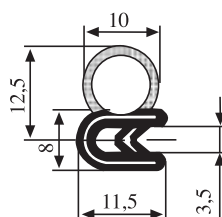
BLACK

Packing (mt.) :

100

**340.09.004**

Old. Ref.

1401

Grip Range
1.0-2.0 mm

Material

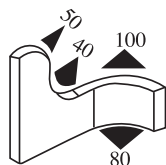
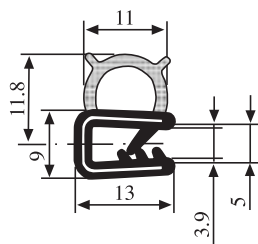
EPDM

Color:

BLACK

Packing (mt.) :

100

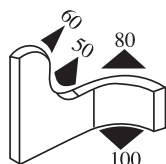
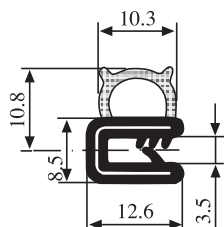


Grip Range
1.0-3.0 mm

340.09.006



Material	EPDM	Color:	BLACK	Packing (mt.) :	100
----------	------	--------	-------	-----------------	-----

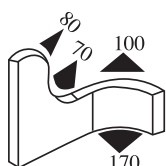
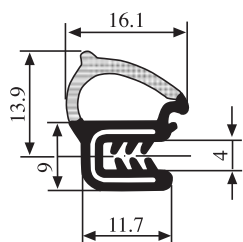


Grip Range
1.0-2.0 mm

340.09.007



Material	EPDM	Color:	BLACK	Packing (mt.) :	100
----------	------	--------	-------	-----------------	-----

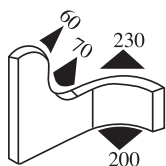
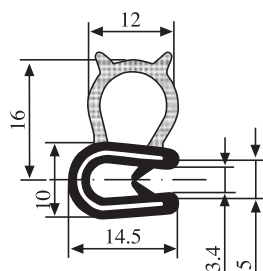


Grip Range
1.5-3.0 mm

340.09.010



Material	EPDM	Color:	BLACK	Packing (mt.) :	50
----------	------	--------	-------	-----------------	----



Grip Range
1.0-3.0 mm

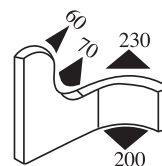
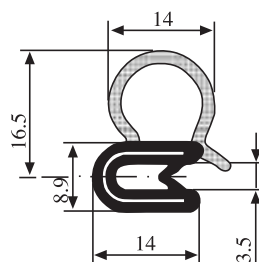
340.09.014



Material	EPDM	Color:	BLACK	Packing (mt.) :	50
----------	------	--------	-------	-----------------	----



340.09.017



Grip Range
1.0-3.0 mm

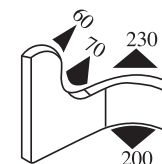
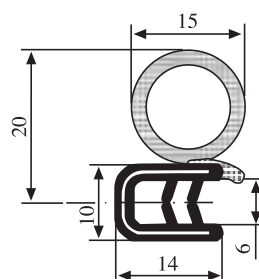
Material	EPDM	Color:	BLACK	Packing (mt.) :	50
----------	------	--------	-------	-----------------	----



340.09.019

Old. Ref.

1411



Grip Range
1.0-4.0 mm

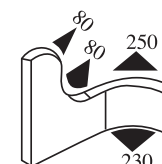
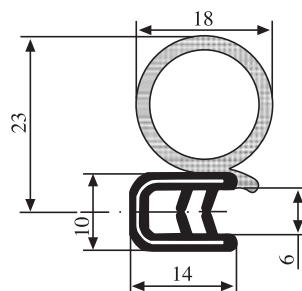
Material	EPDM	Color:	BLACK	Packing (mt.) :	50
----------	------	--------	-------	-----------------	----



340.09.021

Old. Ref.

1413



Grip Range
1.0-4.0 mm

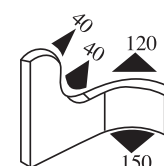
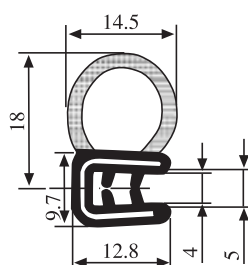
Material	EPDM	Color:	BLACK	Packing (mt.) :	50
----------	------	--------	-------	-----------------	----



340.09.029

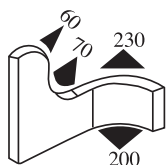
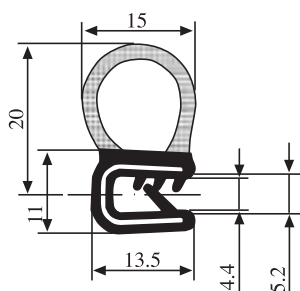
Old. Ref.

1418



Grip Range
1.5-3.5 mm

Material	EPDM	Color:	BLACK	Packing (mt.) :	50
----------	------	--------	-------	-----------------	----



Grip Range
1.5-3.5 mm

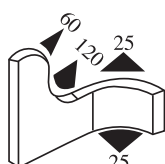
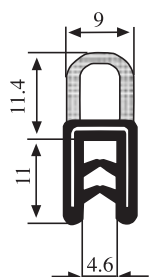
340.09.030

Old. Ref.

1420



Material	EPDM	Color:	BLACK	Packing (mt.) :	50
----------	------	--------	-------	-----------------	----



Grip Range
1.0-3.0 mm

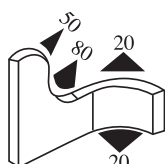
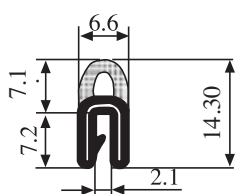
340.09.101

Old. Ref.

1405



Material	EPDM	Color:	BLACK	Packing (mt.) :	100
----------	------	--------	-------	-----------------	-----

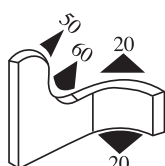
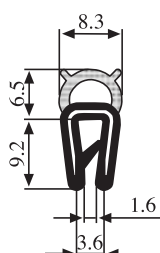


Grip Range
1.0-2.0 mm

340.09.102



Material	EPDM	Color:	BLACK	Packing (mt.) :	100
----------	------	--------	-------	-----------------	-----



Grip Range
1.0-2.0 mm

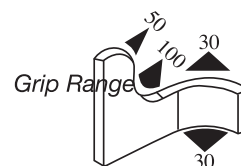
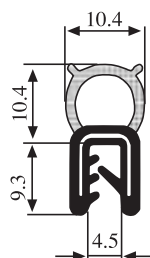
340.09.103

Old. Ref.

1407



Material	EPDM	Color:	BLACK	Packing (mt.) :	100
----------	------	--------	-------	-----------------	-----

**340.09.104**

Grip Range

1.0-3.0 mm

Material

EPDM

Color:

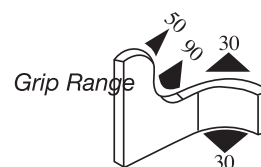
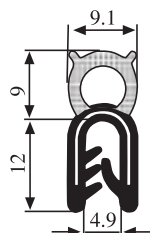
BLACK

Packing (mt.) :

100

**340.09.105**

Old. Ref.

1404

Grip Range

1.0-3.5 mm

Material

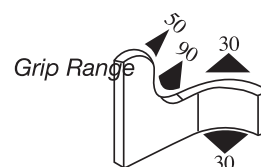
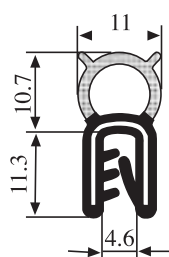
EPDM

Color:

BLACK

Packing (mt.) :

100

**340.09.107**

Grip Range

1.0-3.5 mm

Material

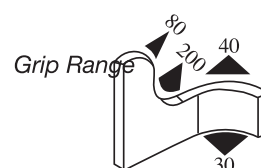
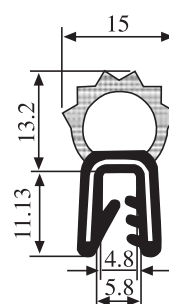
EPDM

Color:

BLACK

Packing (mt.) :

2X50=100

**340.09.109**

Grip Range

1.0-3.5 mm

Material

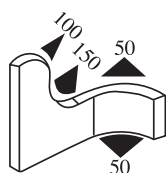
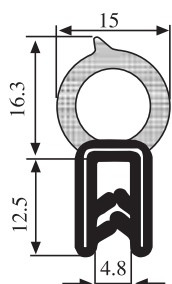
EPDM

Color:

BLACK

Packing (mt.) :

100



Grip Range

1.0-3.5 mm

340.09.124

Old. Ref.

1422



Material

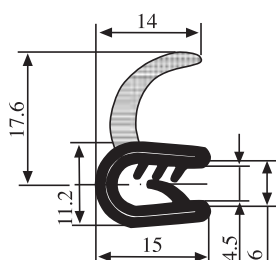
EPDM

Color:

BLACK

Packing (mt.) :

50



Grip Range

2.0-4.0 mm

340.09.202



Material

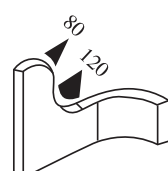
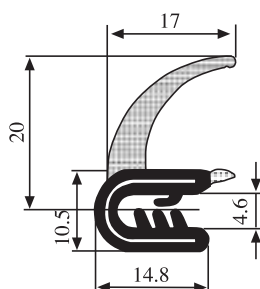
EPDM

Color:

BLACK

Packing (mt.) :

50



Grip Range

1.0-3.5 mm

340.09.203



Material

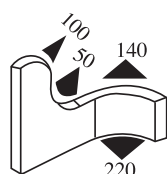
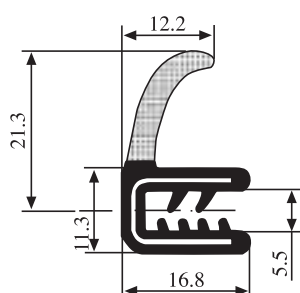
EPDM

Color:

BLACK

Packing (mt.) :

50



Grip Range

2.0-4.0 mm

340.09.205



Material

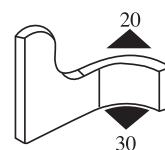
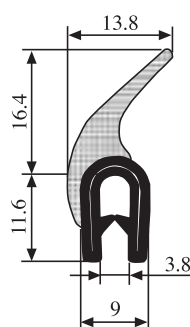
EPDM

Color:

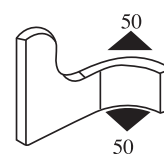
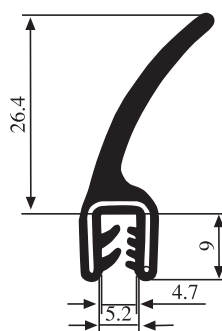
BLACK

Packing (mt.) :

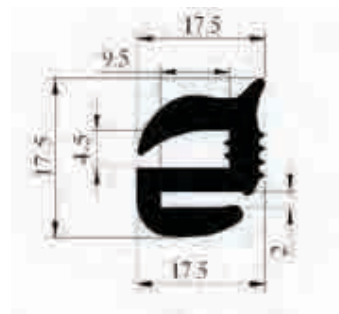
50

**340.09.206***Grip Range*

2.0-4.0 mm

Material**EPDM****Color:****BLACK****Packing (mt.) :****50****340.09.210***Grip Range*

1.5-3.0 mm

Material**EPDM****Color:****BLACK****Packing (mt.) :****50****340.09.419****Material****EPDM****Color:****BLACK****Packing (mt.) :****50**



340.09.380

Old. Ref.

1501

340.09.383



Material

EPDM

Color:

BLACK

Packing (mt.) :

100



340.09.381

340.09.383



Material

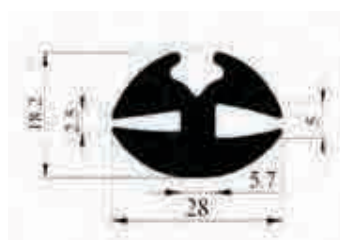
EPDM

Color:

BLACK

Packing (mt.) :

50



340.09.385

340.09.611



Material

EPDM

Color:

BLACK

Packing (mt.) :

50



340.09.382

340.09.384



Material

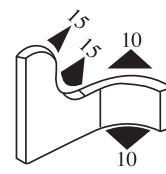
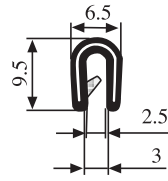
EPDM

Color:

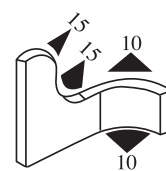
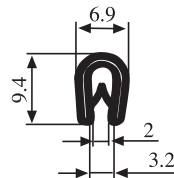
BLACK

Packing (mt.) :

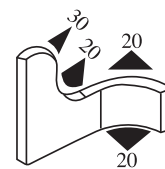
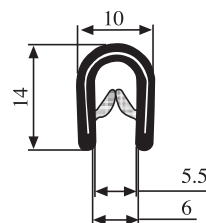
50

**340.09.502***Grip Range*

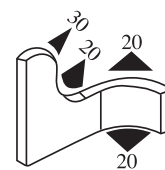
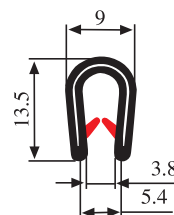
1.0-2.0 mm

Material**PVC****Color:****BLACK****Packing (mt.) :****100****340.09.504***Grip Range*

1.0-2.0 mm

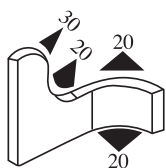
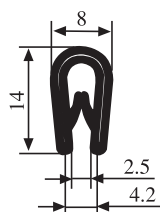
Material**PVC****Color:****BLACK****Packing (mt.) :****100****340.09.516***Grip Range*

1.0-4.0 mm

Material**PVC****Color:****BLACK****Packing (mt.) :****50****340.09.517***Grip Range*

1.0-3.5 mm

Material**PVC****Color:****BLACK - RED****Ambalaj / Packing (mt.) :****100**



Grip Range

1.0-3.0 mm

340.09.522



Material

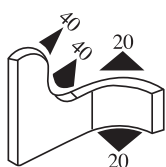
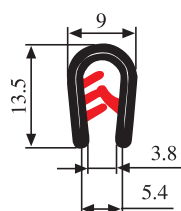
PVC

Color:

BLACK

Packing (mt.) :

50



Grip Range

1.5-4.0 mm

340.09.523



Material

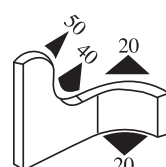
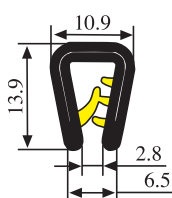
PVC

Color:

BLACK - RED

Packing (mt.) :

50



Grip Range

1.5-5.0 mm

340.09.527



Material

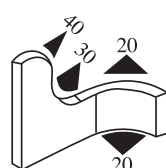
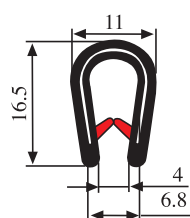
PVC

Color:

BLACK - YELLOW

Packing (mt.) :

50



Grip Range

2.0-4.0 mm

340.09.530

Old. Ref.

1020



Material

PVC

Color:

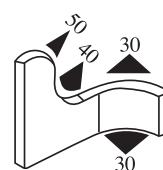
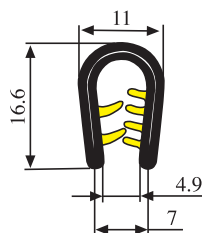
BLACK - RED

Packing (mt.) :

50

**340.09.538**

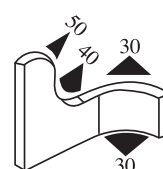
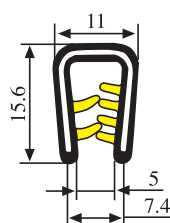
Old. Ref.

1022*Grip Range*

1.0-4.0 mm

Material**PVC****Color:**

BLACK - YELLOW

Packing (mt.) :**50****340.09.540***Grip Range*

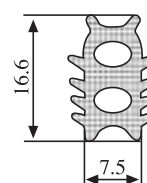
1.5-4.5 mm

Material**PVC****Color:**

BLACK - YELLOW

Packing (mt.) :**50****340.09.678**

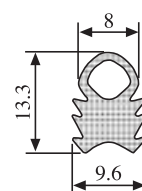
Old. Ref.

1417**Material****EPDM****Color:**

BLACK

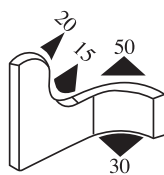
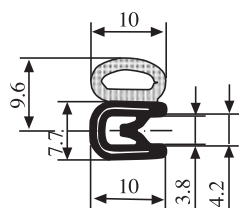
Packing (mt.) :**100****340.09.679**

Old. Ref.

1421**Material****EPDM****Color:**

BLACK

Packing (mt.) :**50**

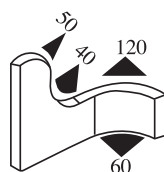
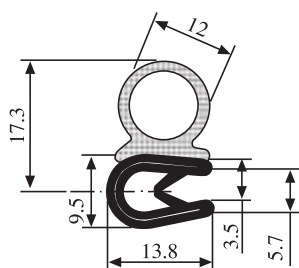


Grip Range
1.0-2.0 mm

340.09.701



Material	PVC / EPDM	Color:	BLACK	Packing (mt.) :	2X50=100
----------	------------	--------	-------	-----------------	----------

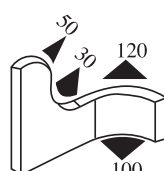
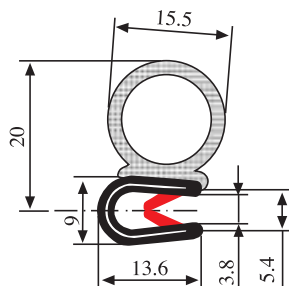


Grip Range
1.0-3.5 mm

340.09.705



Material	PVC / EPDM	Color:	BLACK - RED	Packing (mt.) :	50
----------	------------	--------	-------------	-----------------	----



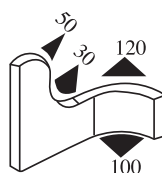
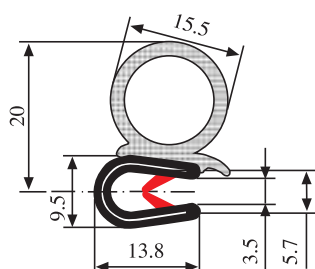
Grip Range
1.0-3.5 mm

340.09.707

Old. Ref.
1412



Material	PVC / EPDM	Color:	BLACK - RED	Packing (mt.) :	50
----------	------------	--------	-------------	-----------------	----

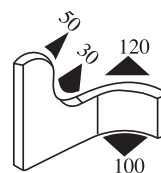
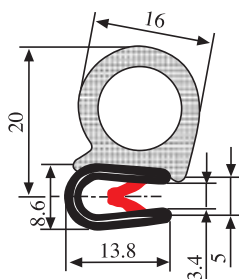


Grip Range
1.0-3.5 mm

340.09.712



Material	PVC / EPDM	Color:	BLACK - RED	Packing (mt.) :	50
----------	------------	--------	-------------	-----------------	----

**340.09.716**

Grip Range
1.0-4.0 mm

Material

PVC / EPDM

Color:

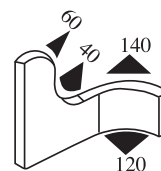
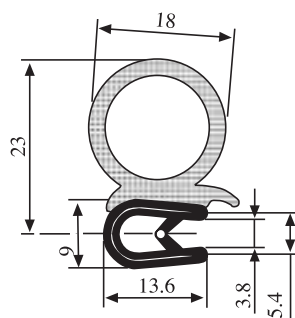
BLACK - RED

Packing (mt.) :

2X50=100

**340.09.719**

Old. Ref.

1419

Grip Range
1.0-3.5 mm

Material

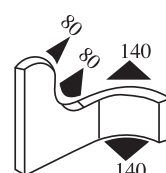
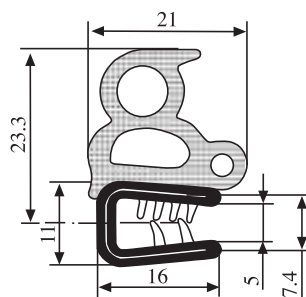
PVC / EPDM

Color:

BLACK - RED

Packing (mt.) :

50

**340.09.729**

Grip Range
2.0-4.0 m

Material

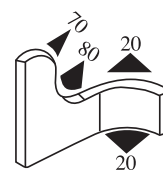
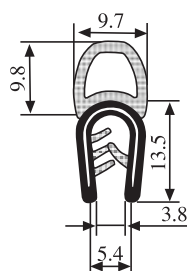
PVC / EPDM

Color:

BLACK - WHITE

Packing (mt.) :

50

**340.09.802**

Grip Range
1.5-4.0 mm

Material

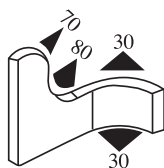
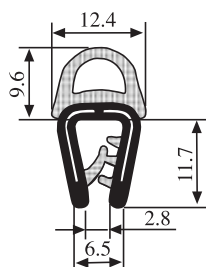
PVC / EPDM

Color:

BLACK - YELLOW

Packing (mt.) :

2X50=100



Grip Range

1.5-5.0 mm

340.09.804



Material

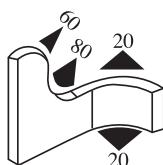
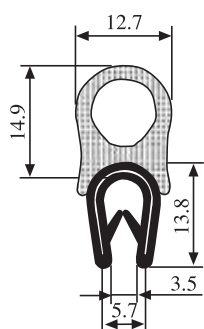
PVC / EPDM

Color:

BLACK - YELLOW

Packing (mt.) :

2X50=100



Grip Range

1.0-4.0 mm

340.09.805



Material

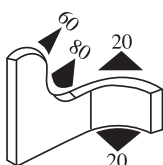
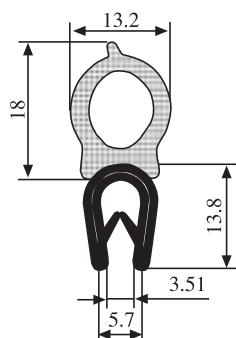
PVC / EPDM

Color:

BLACK

Packing (mt.) :

2X50=100



Grip Range

1.0-4.0 mm

340.09.806



Material

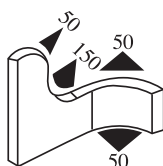
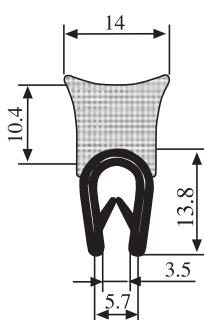
PVC / EPDM

Color:

BLACK

Packing (mt.) :

50



Grip Range

1.0-4.0 mm

340.09.810



Material

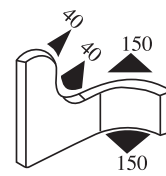
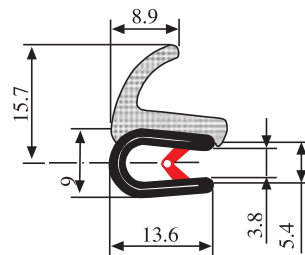
PVC / EPDM

Color:

BLACK

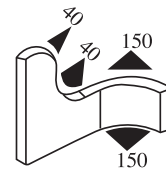
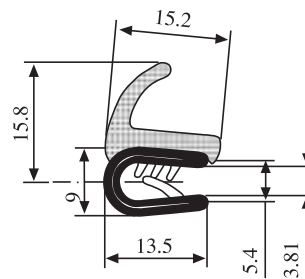
Packing (mt.) :

100

**340.09.901**

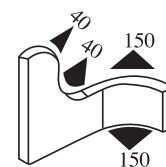
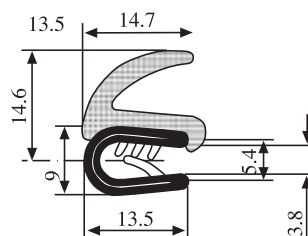
Grip Range
1.0-3.5 mm

Material	PVC / EPDM	Color:	BLACK - RED	Packing (mt.) :	50
----------	------------	--------	-------------	-----------------	----

**340.09.902**

Grip Range
1.5-4.0 mm

Material	PVC / EPDM	Color:	BLACK	Packing (mt.) :	50
----------	------------	--------	-------	-----------------	----

**340.09.904**

Grip Range
1.5-4.0 mm

Material	PVC / EPDM	Color:	BLACK	Packing (mt.) :	50
----------	------------	--------	-------	-----------------	----

Accessories and Handles

Group code	Product name
084	Millenium handle
085	Drawer handle
086	Cover handle
087	Cover handle
187	Cover handle
074	Cover pull (snap -in)
2150	Drawing pocket
2152	Drawing pocket
221X	Counter screen
245X	Eyebolt
240X	Cage nut
079	Cover stay
179	Cover stay
279	Cover stay

Page

262

263

264

265

266

267

268

269

270

271

271

272

273

274



MILLENIUM HANDLE

084



- Stylish handle for keyboard shelf in rack cabinets.

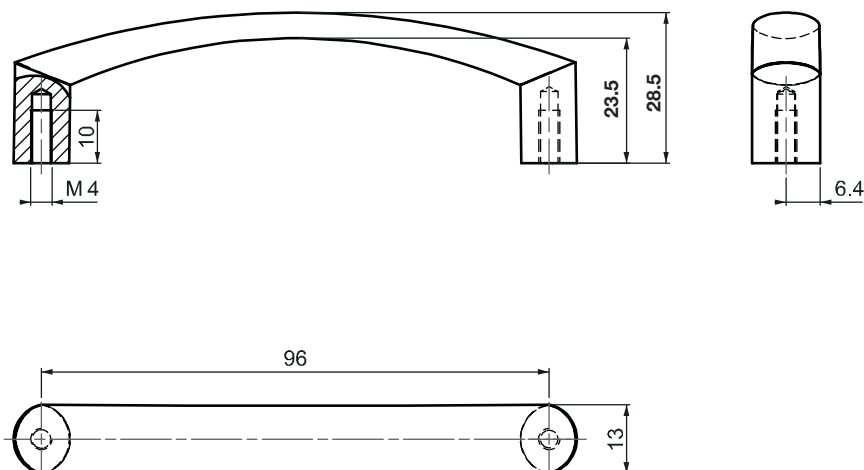
APPLICATIONS

Wooden and metal furnitures

MATERIAL

Zamak DIN-EN 1774-ZnAl4Cu1

FINISH: Chrome, black coated



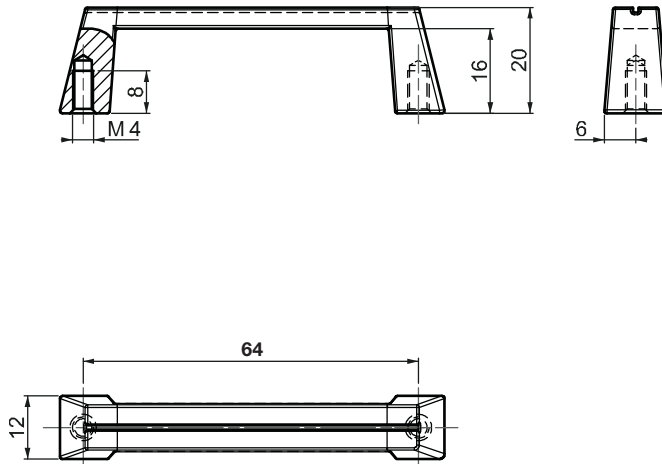
PRODUCT CODE

084	1	-	F
GROUP CODE	MATERIAL		FINISH

MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black Coated	2

085

DRAWER HANDLE



- Stylish handle for keyboard shelf in rack cabinets.

APPLICATIONS

Wooden and metal furnitures

MATERIAL

Zamak DIN-EN 1774-ZnAl4Cu1

FINISH: Chrome, black coated

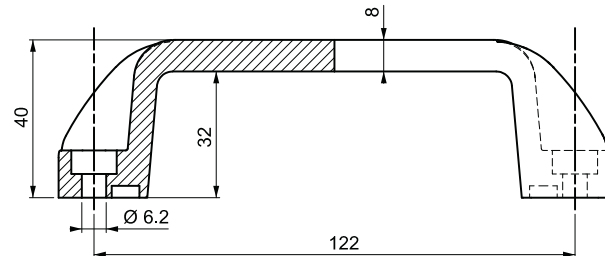
PRODUCT CODE

085	1	-	F
GROUP CODE	MATERIAL		FINISH

MATERIAL	M	FINISH	F
Zamak	1	Chrome	1
		Black Coated	2

COVER HANDLE

086



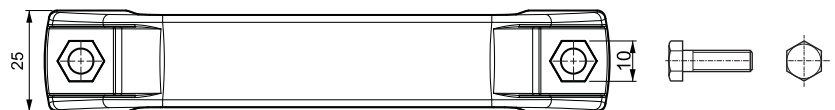
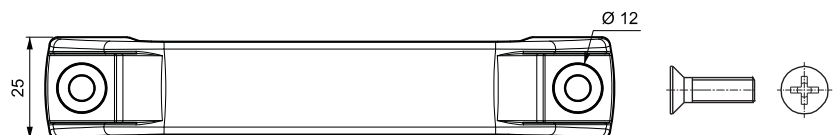
- Two different fixing types.

APPLICATIONS

Machinery covers

MATERIAL

Polyamide DIN-EN ISO 1043-1 PA 6 GFR 30

V : 1**V : 2**

PRODUCT CODE

086

-

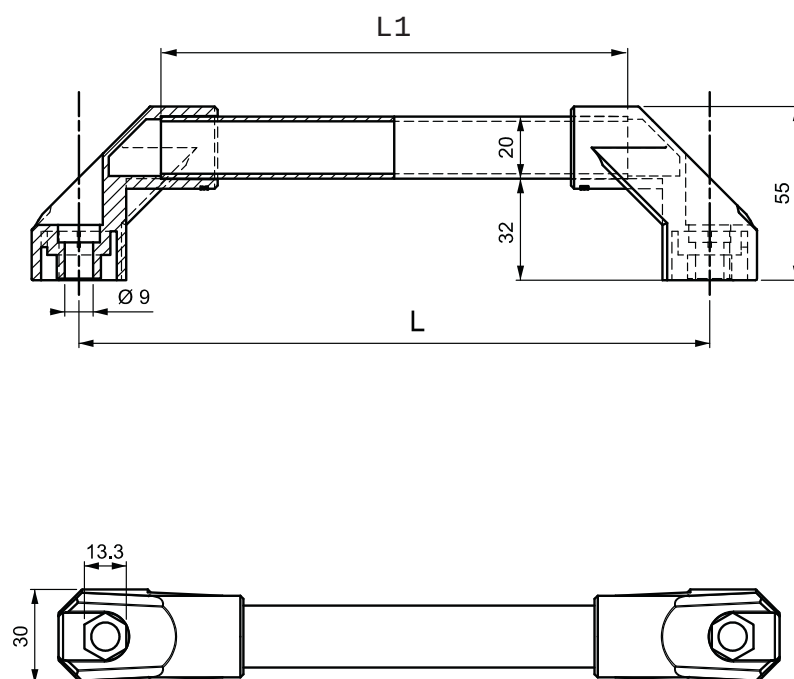
V

GROUP CODE

VERSION

087

COVER HANDLE



- Matt anodized aluminium.
- For different colours and dimensions, please contact Mesan.

APPLICATIONS

Machinery covers

MATERIAL

FIXING PART: Polyamide DIN-EN ISO 1043-1 PA 6 GFR 30

HANDLE : Aluminium

L 1 mm	L mm
148	200
248	300
348	400
448	500

35002002

SIDE PART



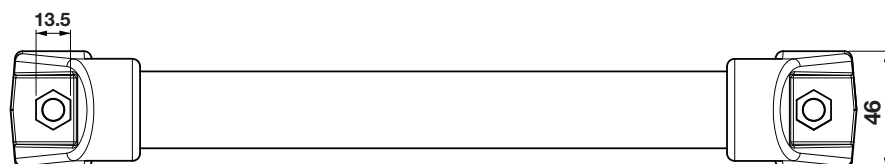
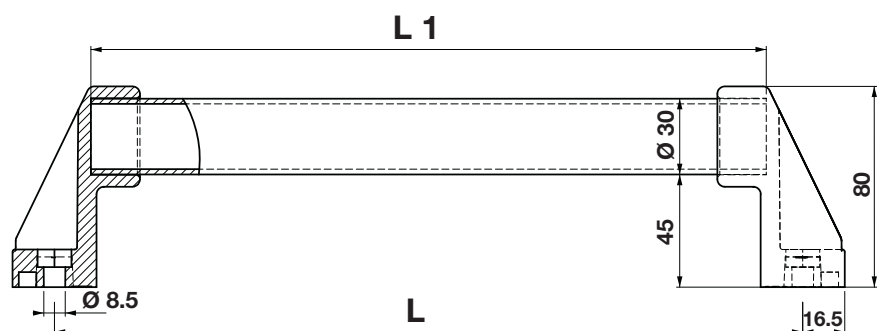
PRODUCT CODE

087 - L

GROUP CODE LENGHT

COVER HANDLE

187



- Plastic coated steel tube.
- Centre support(s) should be used for handle lengths of 1 metre or more.
- For different colours and dimensions, please contact Mesan

APPLICATIONS

Machinery covers

MATERIAL

Polyamide DIN-EN ISO 1043-1 PA 6 GFR 30

L 1 mm	L mm
269	300
369	400
469	500
569	600
669	700
769	800
969	1000



Middle part should be used for lengths greater than 1000 mm

MIDDLE HOLDER

34002501



PRODUCT CODE

187

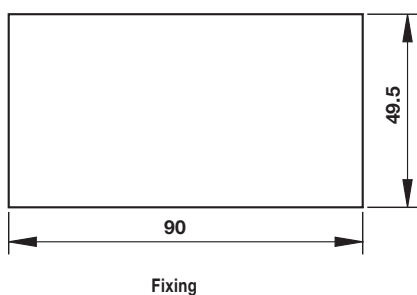
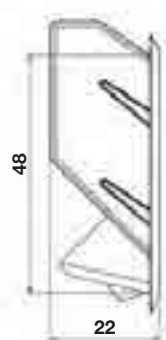
- L

GROUP CODE

LENGHT

074

COVER HANDLE



- Stylish handle for keyboard shelf in rack cabinets.

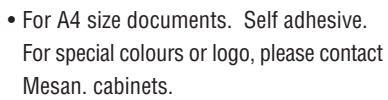
APPLICATIONS

Big metal machinery covers

MATERIAL

PA 6

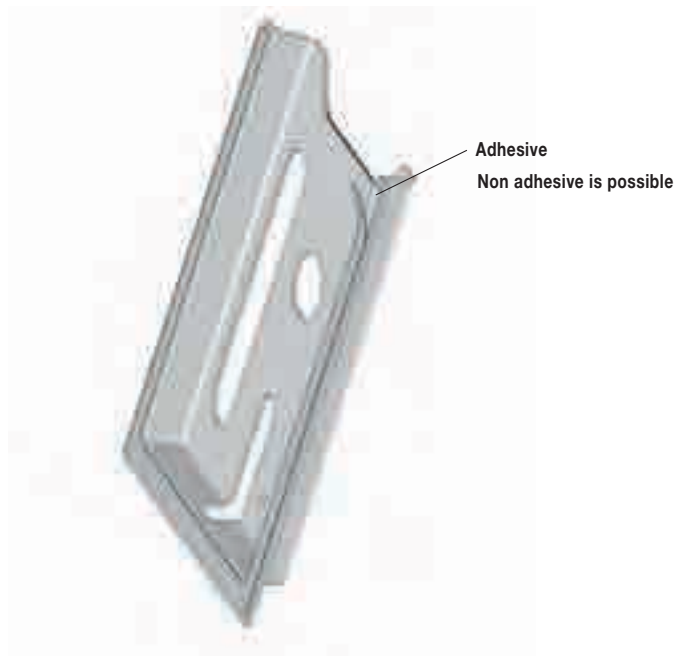
2150



Electric panels, machinery covers

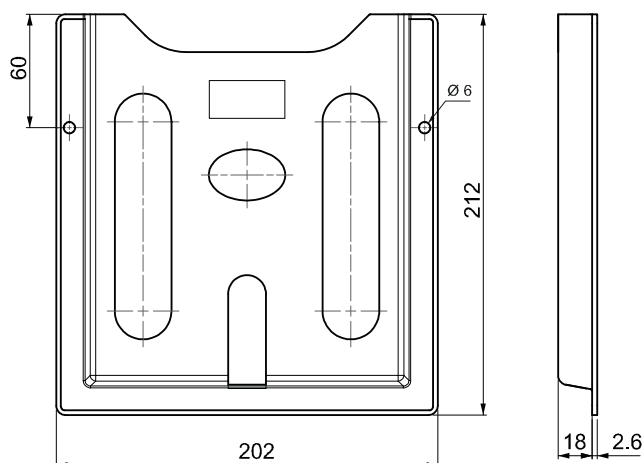
ABS

RAL 7035



2152

DRAWING POCKET



- For A5 size documents. Self adhesive. For special colours or logo, please contact Mesan. cabinets.

APPLICATIONS

Electric panels, machinery covers

MATERIAL

ABS

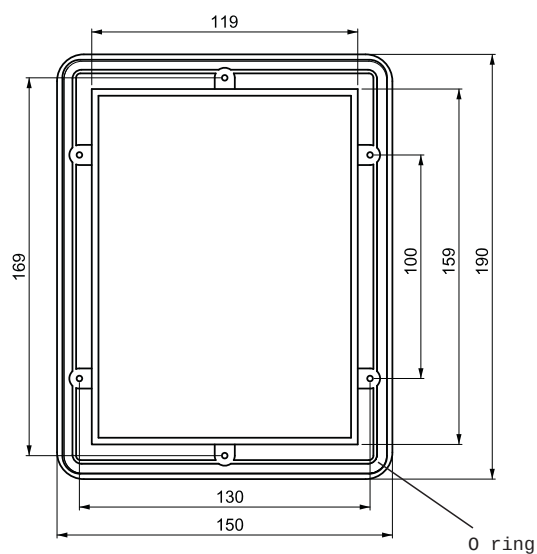
COLOR

RAL 7035



COUNTER SCREEN

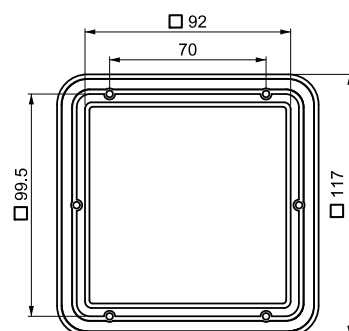
2216



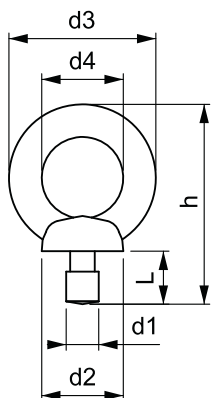
- Allows counters or dials to be viewed from outside enclosure.

COUNTER SCREEN

2215



- Allows counters or dials to be viewed from outside enclosure.



d1	Safety Load (90°) kg	d2 mm	d3 mm	d4 mm	h mm	L mm	Unit weight kg	PRODUCT CODE
M 8	140	20	36	20	49.0	13.0	0.06	2451
M 10	230	25	45	25	63.0	17.0	0.10	2452
M 12	340	30	54	30	73.5	20.5	0.18	2453
M 14	490	35	63	35	87.0	27.0	0.28	2454
M 16	700	35	63	35	89.0	27.0	0.28	2455

EYEBOLT

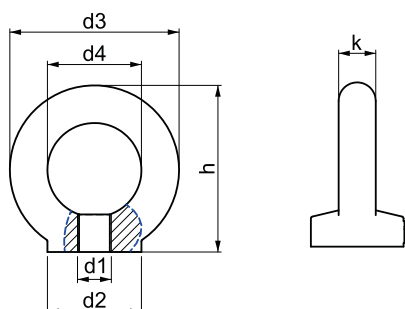


- Enable enclosure or machine to be moved easily.

EYEBOLT



- Enable enclosure or machine to be moved easily.

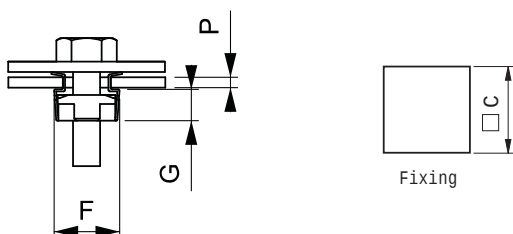


d1	Safety Load (90°) kg	d2 mm	d3 mm	d4 mm	h mm	k mm	Unit weight kg	PRODUCT CODE
M 8	140	20	36	20	36	8	0.06	2461
M 10	230	25	45	25	45	10	0.09	2462
M 12	340	30	54	30	53	12	0.16	2463

CAGE NUT



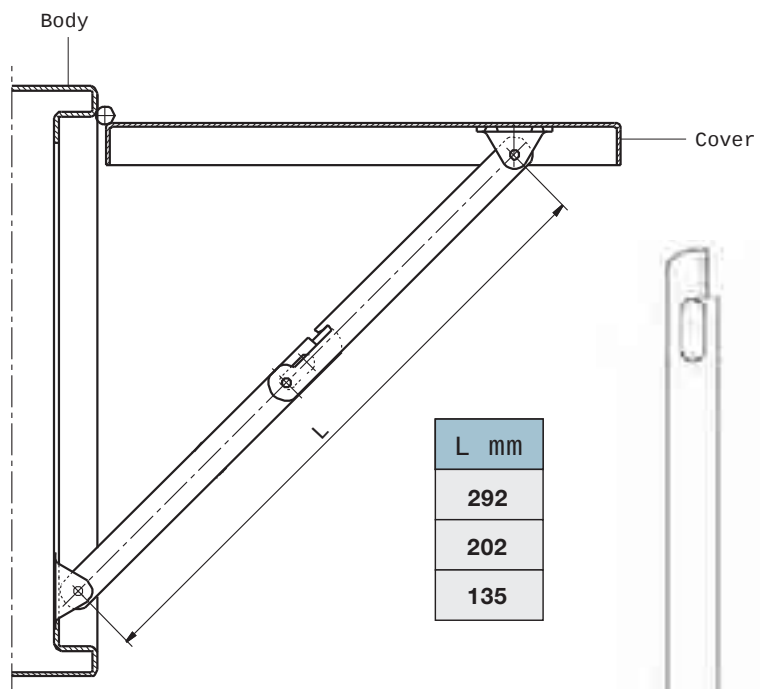
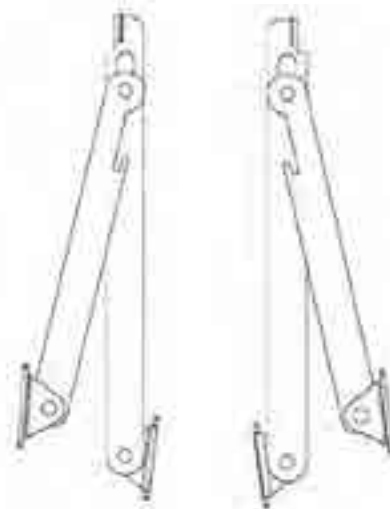
- Designed for attaching two steel plates together.



Screw	Nut	P	G	F	C	PRODUCT CODE
M 5	11x11x4.5	1.7 ~ 2.5	6	12.2	6	2400
M 6	11x11x4.5	1.7 ~ 2.5	6	12.2	9	2401
M 8	14x14x5.5	3.3 ~ 4.1	7.8	16.6	12	2402

COVER STAY

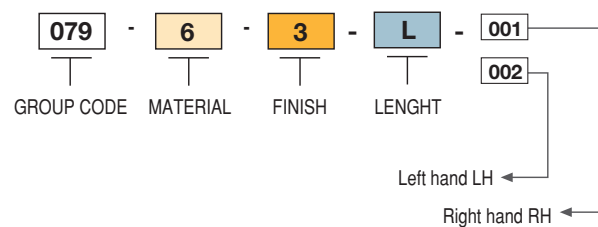
079

LEFT
(LH)RIGHT
(RH)

APPLICATIONS
Electric panels, machinery covers

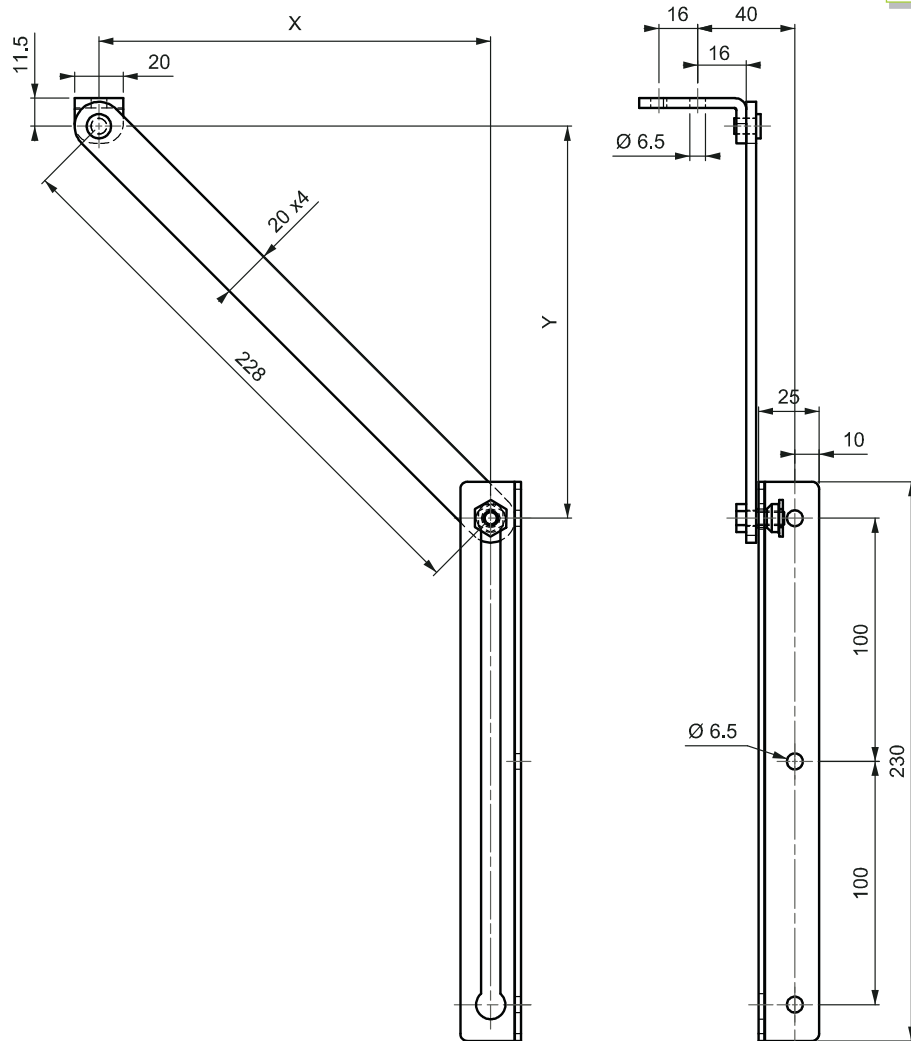
MATERIAL
STEEL
FINISH : Zinc plated

PRODUCT CODE



179

COVER STAY



Installation dimensions

Opening Angle	Dimensions		Minimal door width
	X	Y	
90°	140	180	403
105°	120	166	389
120°	110	150	373
135°	100	146	369

For other configurations:
Y= X+ min. 40



- Cover Stay with automatic lock to keep the door open
- LH and RH application is possible

APPLICATIONS
Electric panels, machinery covers

MATERIAL
STEEL
FINISH : Zinc plated

PRODUCT CODE

179 - 6 - 3
GROUP CODE MATERIAL FINISH

COVER STAY

279

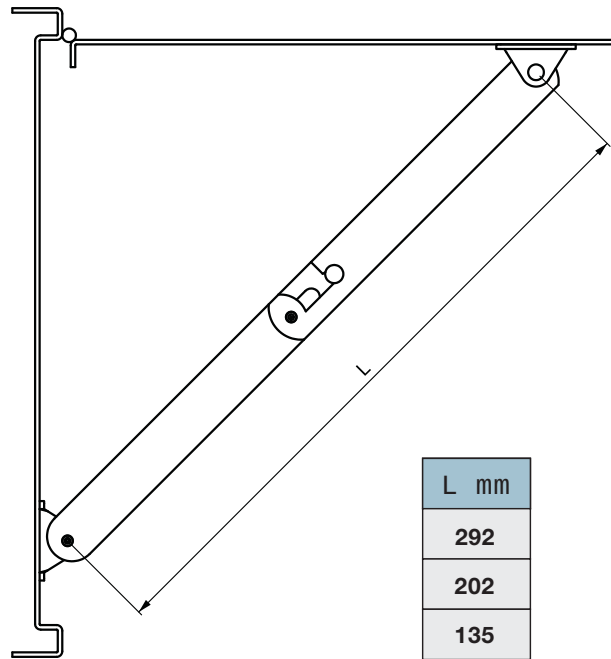
New



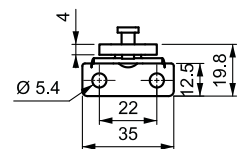
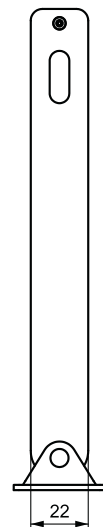
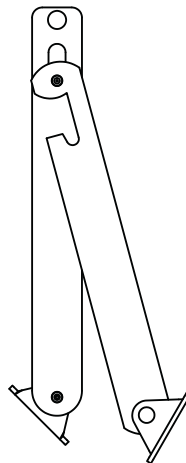
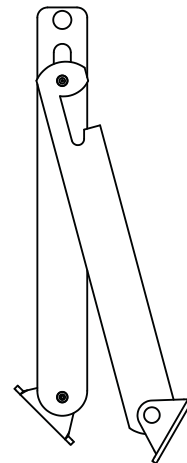
- Suitable for heavy duty applications.
- 4 mm material was produced

APPLICATIONS
Electric panels, machinery covers

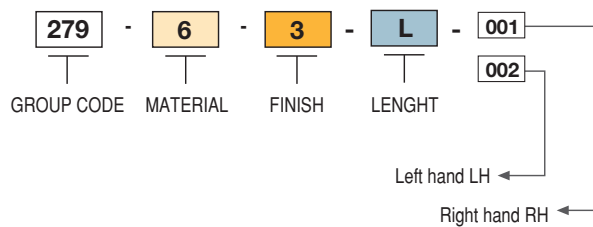
MATERIAL
STEEL
FINISH : Zinc plated



L mm
292
202
135

RIGHT
(RH)LEFT
(LH)

PRODUCT CODE





Stainless Steel Products

Group code	Product name
016	Push to close
115	'T' handle heavy duty lock
060	Quarter turn with spring
066	Mini quarter turn with spring
064	Quarter turn with spring
502	Swing handle - Gear Box
402	Swing handle - Gear Box
501	Swing handle
401	Swing handle
	Round rod
	Flat rod
295	Concealed hinge
395	Concealed hinge
695	Concealed hinge
795	Concealed hinge
289	Concealed hinge
095	Concealed hinge
099	Leaf hinge
299	Leaf hinge
599	Leaf hinge
799	Leaf hinge
090	Side hinge (10 mm)
092	Side hinge (12 mm)
192	Side hinge (12 mm)
193	Side hinge (16 mm)
097	Corner hinge
279	Cover stay
079	Cover stay
179	Cover stay

Page

278

279

280

280

281

282 - 283

284 - 285

286

287

288

289

290 - 291

292 - 293

294 - 295

296

297

298

299

299

300

301

301

302

302

303

304

305

306

307



PUSH TO CLOSE LOCK

016

IP 54



LH/RH

RoHS

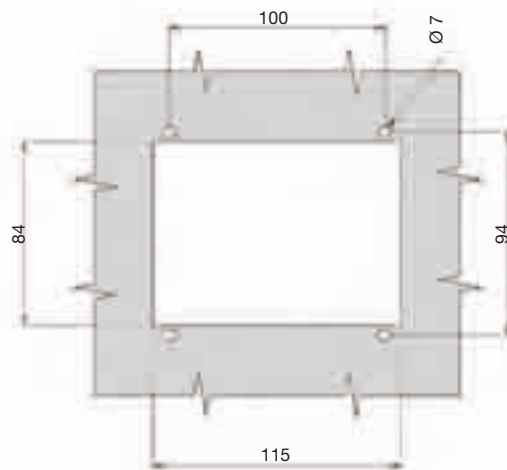
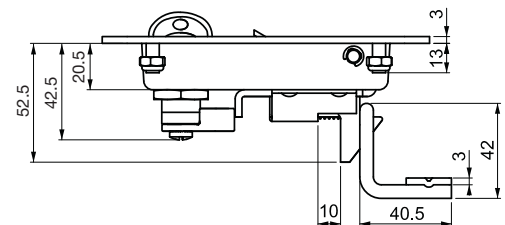
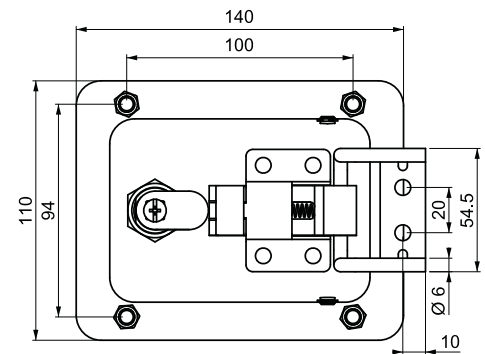


- Slam shut operation. Brass cam.
- Locking device is needed
- Lock can be opened from inside by moving cam.



016 A7

- Catch plate. Custom sizes available from Mesan.



Cut out

PRODUCT CODE

016	4	0	DD	1
GROUP CODE	MATERIAL	FINISH	CYLINDER	VERSION

SPECIFICATIONS		DD
Stainless steel dust cap	Keyed alike	03
Stainless steel dust cap	Keyed differ	32

115

'T' HANDLE HEAVY DUTY LOCK

IP 54



LH/RH



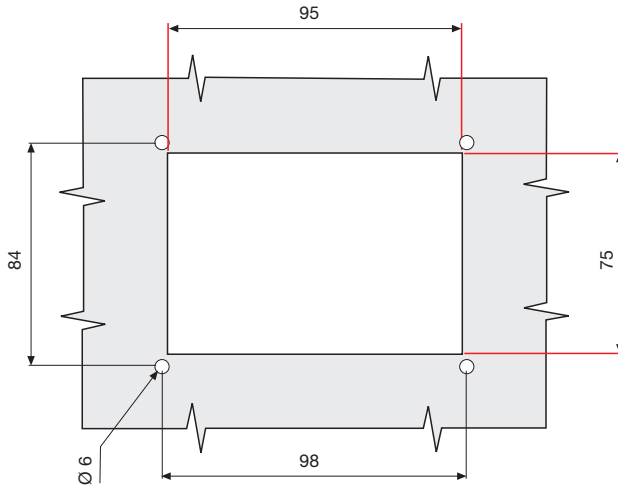
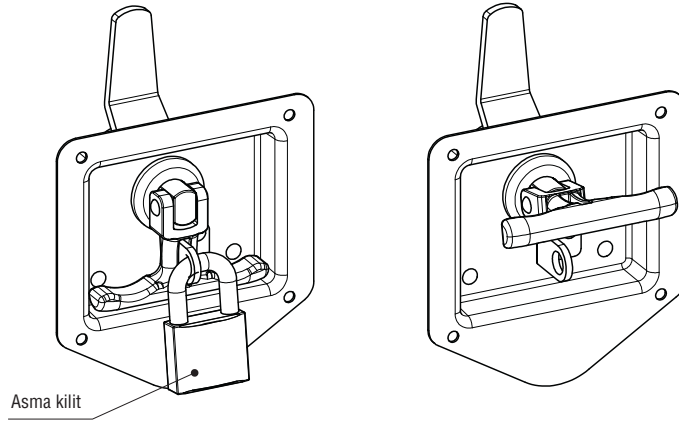
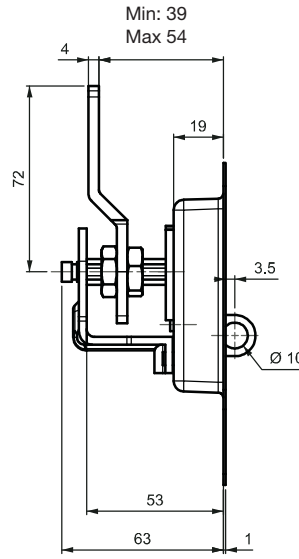
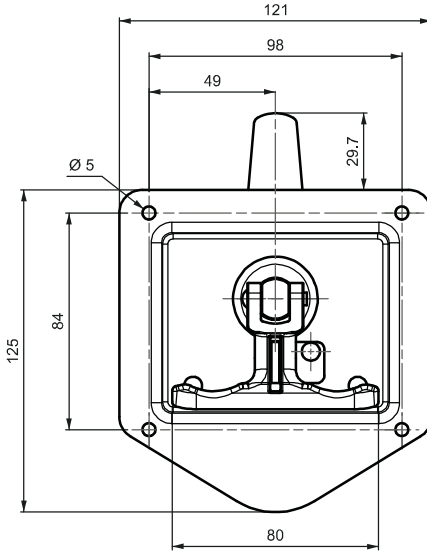
- Suitable for special equipment cases .
- Adjustable cam provided different grip range.
- Maximum padlock shackle diameter 9 mm.

APPLICATIONS

Electricity stations, truck meal cabinet

MATERIAL

BODY : Stainless Steel
KOL : Zamak DIN-EN 1774-ZnAl4Cu1
PAD LOCK HASP : Stainless Steel
CAM : Steel



Geçiş Ölçüsü

QUARTER TURN - SPRING LOADED

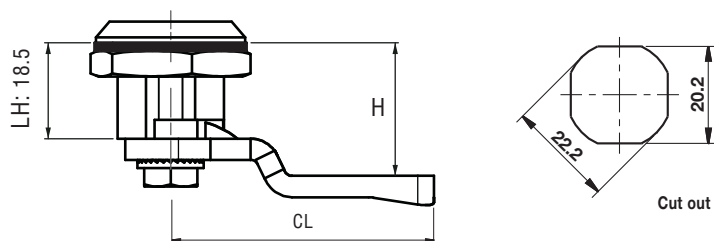
060

IP 65



LH/RH

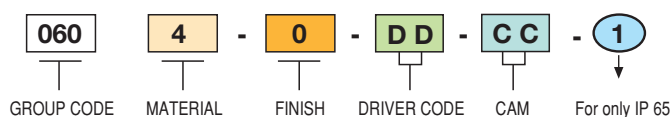
RoHS



- Specially designed internal spring provides 1.5mm torsion.
- IP 65 and IP 66 (Nema 4) are optional.

3 mm Double bit	5 mm Double bit	8 mm Square	7 mm Triangular	8 mm Triangular	Railway
DD 13	DD 15	DD 28	DD 37	DD 38	DD 88

PRODUCT CODE



For cams please check page : 86 - 87

For keys please check page: 98 - 99

MINI QUARTER TURN - SPRING LOADED

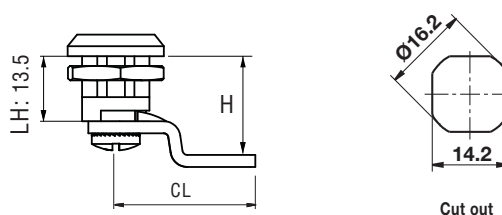
066

New



LH/RH

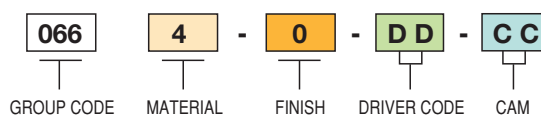
RoHS



- Specially designed internal spring provides 1 mm torsion.
- Sealing washer not supplied.
- There is no IP 65 version of this lock.

6 mm Square	7 mm Triangular	Slot
DD 26	DD 37	DD 42

PRODUCT CODE



Application key:
Kod: 267



064

QUARTER TURN - SPRING LOADED

IP 65

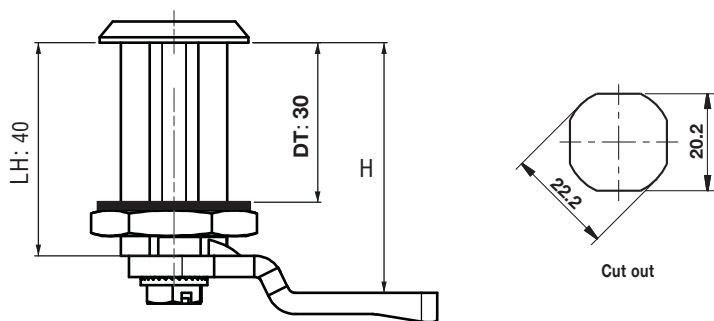


LH/RH

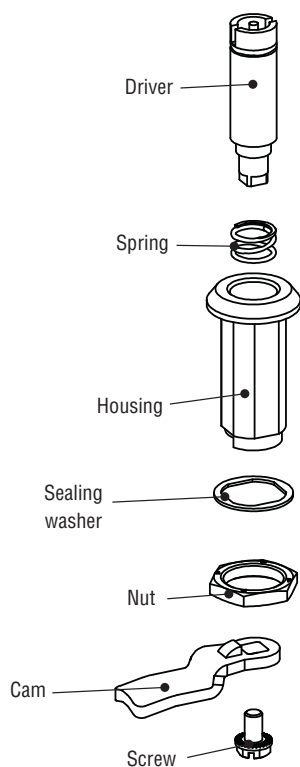
RoHS



- Specially designed internal spring provides 1.5mm torsion.
- IP 65 and IP 66 (Nema 4) are optional.



DT	LH
30	40
40	50
50	60



3 mm Double bit		5 mm Double bit		8 mm Square		7 mm Triangular		8 mm Triangular		Railway	
DD		DD		DD		DD		DD		DD	
13		15		28		37		38		88	

PRODUCT CODE

064 - **4** - **0** - **DD** - **DT** - **CC** - **1**
 GROUP CODE MATERIAL FINISH DRIVER CODE DOOR THICKNESS CAM For only IP 65

For cams please check page : 86 - 87
 For keys please check page: 98 - 99

SWING HANDLE GEAR BOX

502

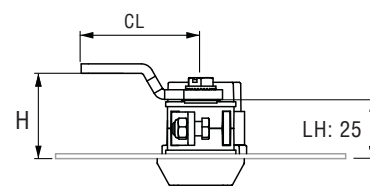
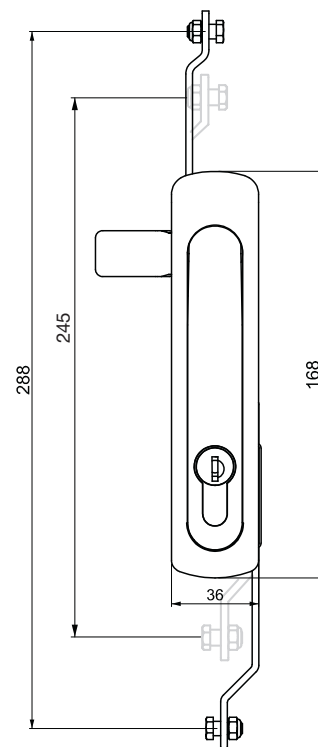
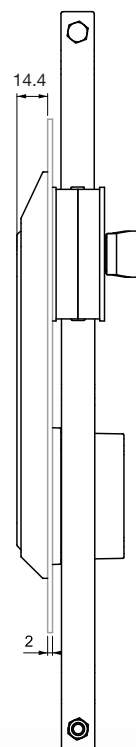
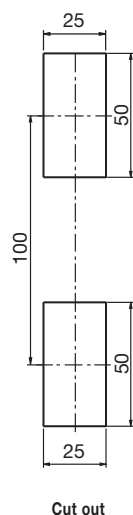
IP 65



LH/RH



RoHS



- Thin external profile, 13.2mm, to give flush appearance.
- High security, brass, Euro Profile single cylinder available.

APPLICATIONS

Electric panels, outdoor cabinets

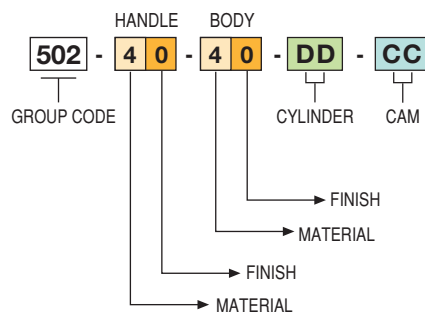
MATERIAL

BODY : Stainless Steel

HANDLE : Stainless Steel

CAM : Stainless Steel

MECHANISM: PA6 GFR 30



	BRASS CYLINDER	
	No Cylinder	00
	Keyed alike	11

▶ For cams please check page: 88

▶ For rods please check : 288 - 289

502

SWING HANDLE GEAR BOX

New

IP 65

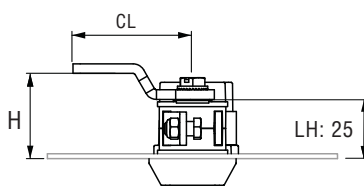
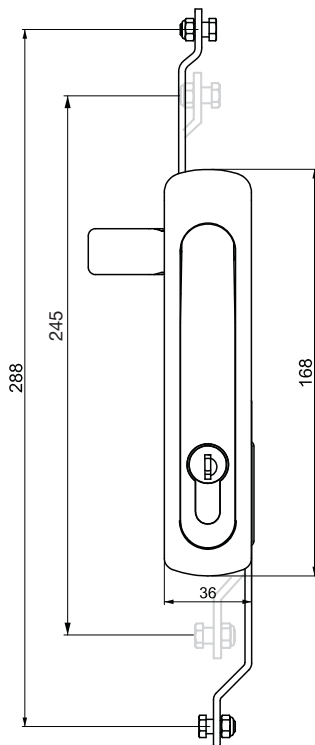
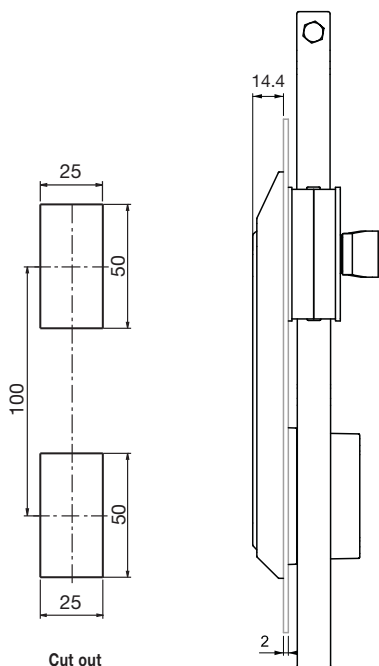


LH/RH



RoHS

**All in
Stainless Steel**



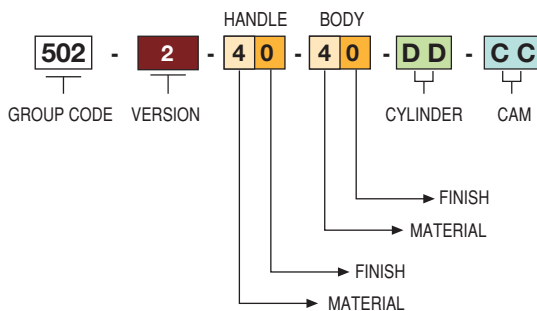
- Thin external profile, 13.2mm, to give flush appearance.
- High security, brass, Euro Profile single cylinder available.

APPLICATIONS

Electric panels, outdoor cabinets

MATERIAL

BODY : Stainless Steel
HANDLE : Stainless Steel
CAM : Stainless Steel
MECHANISM: Stainless Steel



	BRASS CYLINDER	
	D	D
	No Cylinder	00
	Keyed alike	11

For cams please check page: 88

For rods please check : 288 - 289

SWING HANDLE GEAR BOX

402

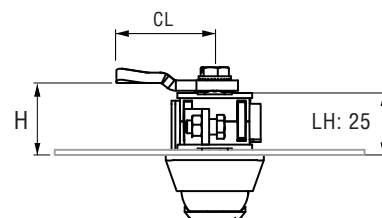
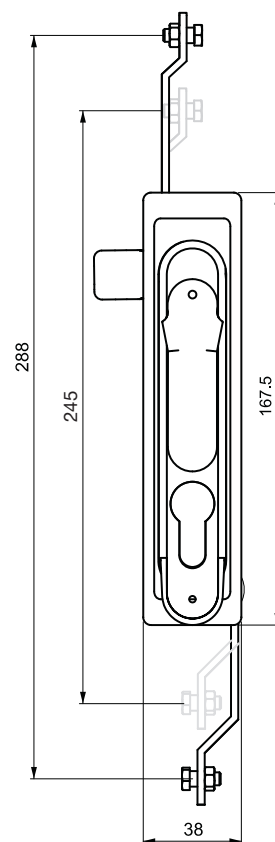
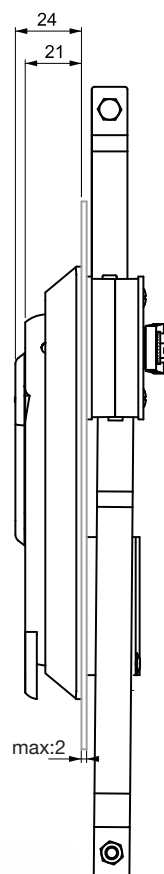
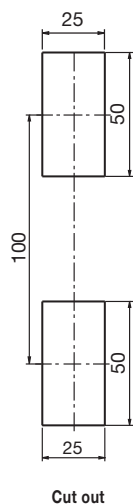
IP 65



LH/RH



RoHS



APPLICATIONS

Electric panels, outdoor cabinets

MATERIAL

BODY : Stainless Steel

HANDLE : Stainless Steel

CAM : Stainless Steel

MECHANISM: PA6 GFR 30



PRODUCT CODE

402

DD

CC

1

GROUP CODE

CYLINDER

CAM

For Only
Pad Lock

BRASS CYLINDER

D D

No Cylinder

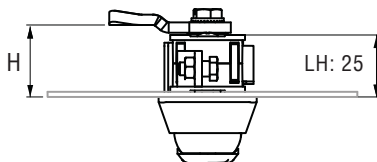
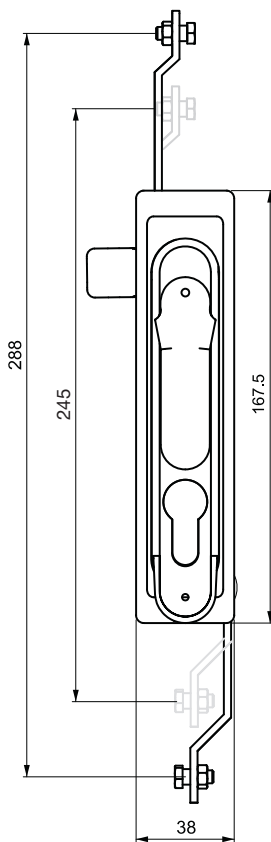
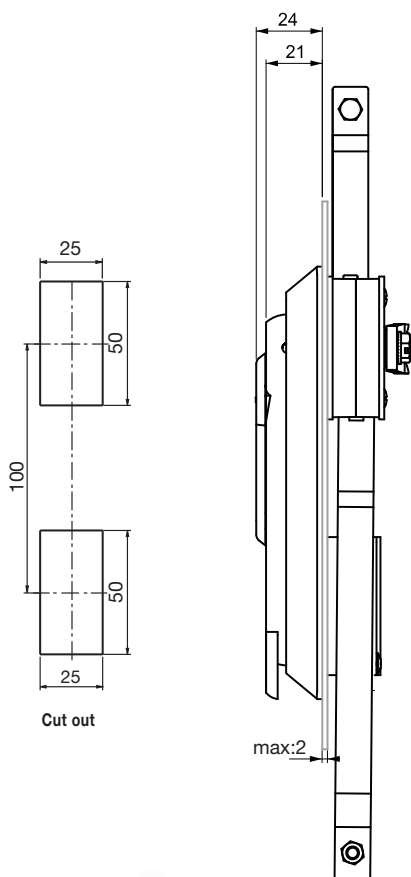
00

Keyed alike

11

For cams please check page: 88

For rods please check : 288 - 289



402

SWING HANDLE GEAR BOX

New

IP 65



LH/RH



RoHS

All in
Stainless Steel



APPLICATIONS

Electric panels, outdoor cabinets

MATERIAL

BODY : Stainless Steel
HANDLE : Stainless Steel
CAM : Stainless Steel
MECHANISM: Stainless Steel

PRODUCT CODE

402 - 2 - DD - CC - 1
GROUP CODE VERSION CYLINDER CAM For Only Pad Lock

	BRASS CYLINDER	
	No Cylinder	00
	Keyed alike	11

For cams please check page: 88

For rods please check : 288 - 289

SWING HANDLE

401

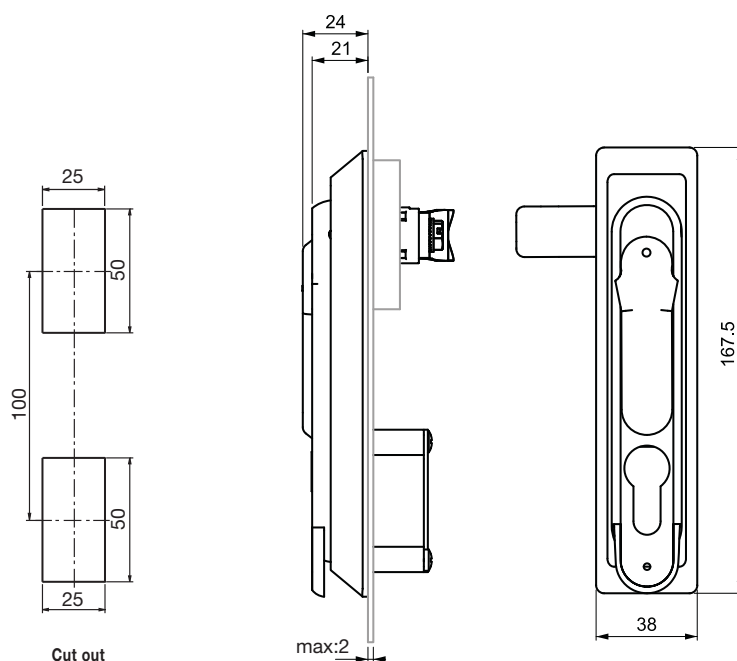
IP 65



LH/RH



RoHS



Cut out

max:2

APPLICATIONS

Electric panels, outdoor cabinets

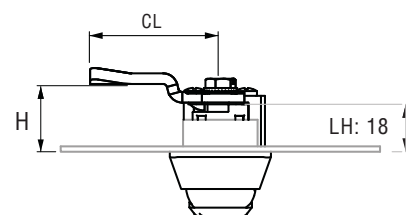
MATERIAL

BODY : Stainless Steel

HANDLE : Stainless Steel

CAM : Stainless Steel

SEAL : Polyurethane



PRODUCT CODE

401 **DD** - **CC** - **1**
 GROUP CODE CYLINDER CAM For Only Pad Lock

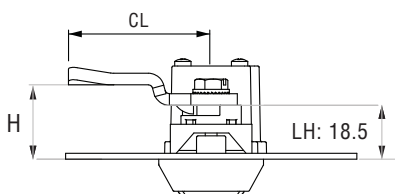
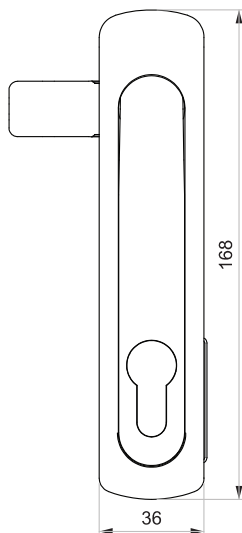
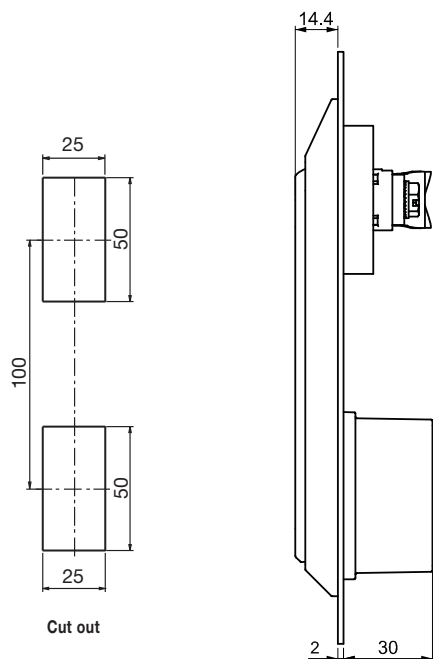
	BRASS CYLINDER	D D
	No Cylinder	00
	Keyed alike	11

For cams please check page: 86 - 87

For rods please check : 288 - 289

501

SWING HANDLE



IP 65



LH/RH



RoHS

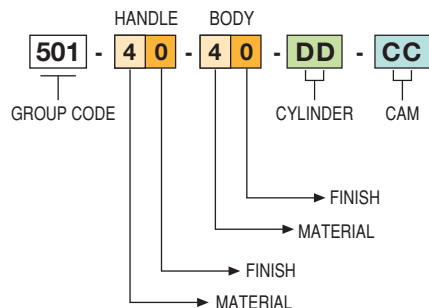


APPLICATIONS

Electric panels, outdoor cabinets

MATERIAL

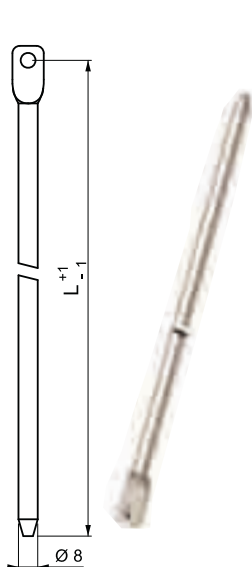
BODY : Stainless Steel
HANDLE : Stainless Steel
CAM : Stainless Steel
SEAL : Polyurethane



	BRASS CYLINDER	D D
	No Cylinder	00
	Keyed alike	11

For cams please check page: 86 - 87

For rods please check : 288 - 289

**V : 1**

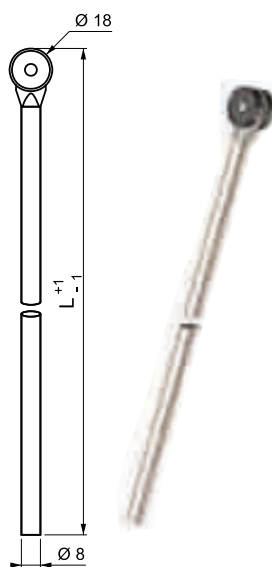
PRODUCT CODE	L mm
IC 4-0-1 - 400	400
IC 4-0-1 - 500	500
IC 4-0-1 - 600	600
IC 4-0-1 - 700	700
IC 4-0-1 - 800	800
IC 4-0-1 - 900	900
IC 4-0-1 - 1000	1000

Application:

- With gear box locks
- Locks with 3 point cam

**Accessories:**

- Round rod guide (CY)

**V : 2**

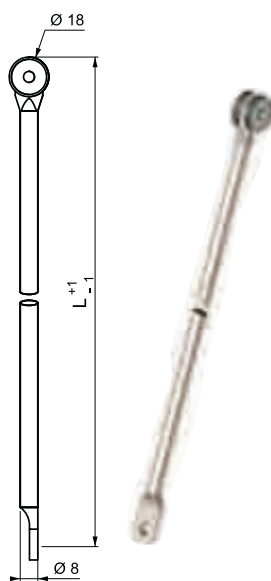
PRODUCT CODE	L mm
IC 4-0-2 - 400	400
IC 4-0-2 - 500	500
IC 4-0-2 - 600	600
IC 4-0-2 - 700	700
IC 4-0-2 - 800	800
IC 4-0-2 - 900	900
IC 4-0-2 - 1000	1000

Application:

- With gear box locks
- Locks with 3 point cam

**Accessories:**

- Round rod guide (CY)
- Rod adapter (CT)

**V : 3**

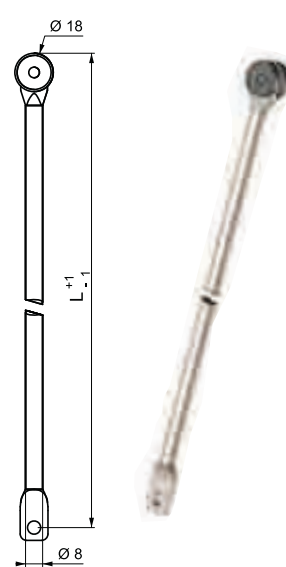
PRODUCT CODE	L mm
IC 4-0-3 - 400	400
IC 4-0-3 - 500	500
IC 4-0-3 - 600	600
IC 4-0-3 - 700	700
IC 4-0-3 - 800	800
IC 4-0-3 - 900	900
IC 4-0-3 - 1000	1000

Application:

- Locks with 3 point cam

**Accessories:**

- Round rod guide (CY)

**V : 4**

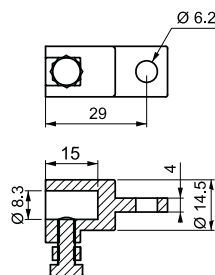
PRODUCT CODE	L mm
IC 4-0-4 - 400	400
IC 4-0-4 - 500	500
IC 4-0-4 - 600	600
IC 4-0-4 - 700	700
IC 4-0-4 - 800	800
IC 4-0-4 - 900	900
IC 4-0-4 - 1000	1000

Application:

- With gear box locks

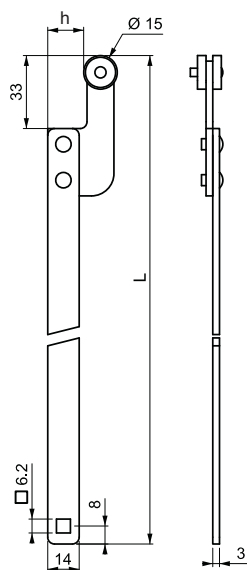
**Accessories:**

- Round rod guide (CY)

CT.4.0**ROD ADAPTER****PRODUCT CODE**

IC	4	-	0	-	V	-	L
GROUP CODE	MATERIAL		FINISH		VERSION		LENGTH

For different 'L' Lengths, please contact to us


V : 1

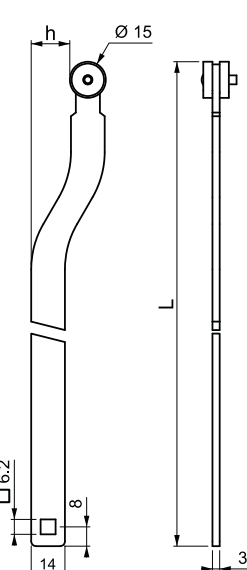
PRODUCT CODE	h mm	L mm
IL 4-0-1 -27 -1020	27	1020
IL 4-0-1 -21 -1020	21	1020
IL 4-0-1 -16 -1020	16	1020
IL 4-0-1 -13 -1020	13	1020

Application:

- With gear box locks


Accessories:

- Flat rod guide (LY)


V : 2

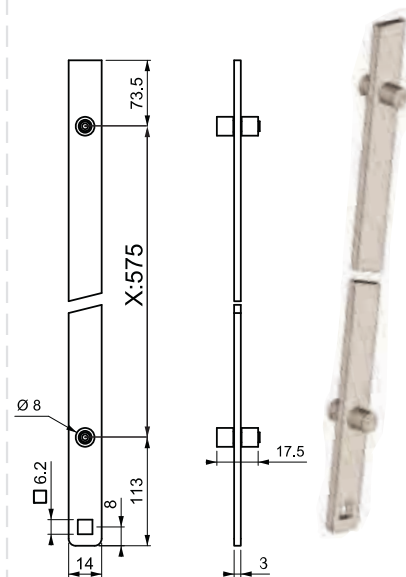
PRODUCT CODE	h mm	L mm
IL 4-0-2 -21 -1020	21	1020
IL 4-0-2 -16 -1020	16	1020

Application:

- With gear box locks


Accessories:

- Flat rod guide (LY)


V : 1

PRODUCT CODE	X mm
ILP 4-0-1 -575	575

Application:

- With gear box locks


Accessories:

- Flat rod guide (LY)
- Dual roller catcher (LKY)

PRODUCT CODE

IL	-	4	-	0	-	V	-	H	-	L
GROUP CODE		MATERIAL		FINISH		VERSION		HEIGHT		LENGTH

For different 'L' Lengths, please contact to us

PRODUCT CODE

ILP	-	4	-	0	-	V	-	X
GROUP CODE		MATERIAL		FINISH		VERSION		LENGHT BETWEEN PINS

Please specify for different 'X' length

CONCEALED HINGE

295



LH/RH

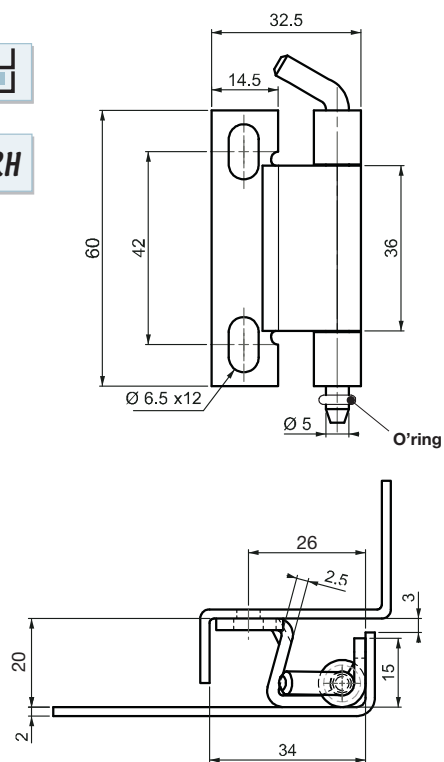
- For doors with a bend of between 20 mm and 24mm.
- Frame part is screwed -on , door part is welded-on
- LH and RH application is possible

⚠ Note: Bolts are not given

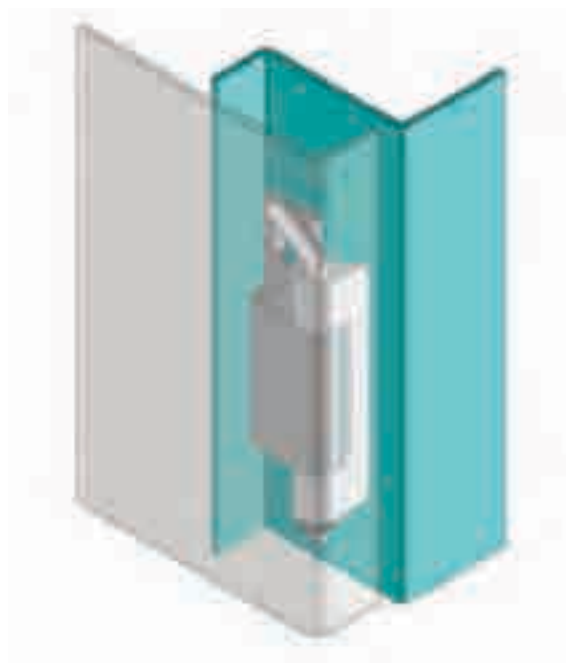
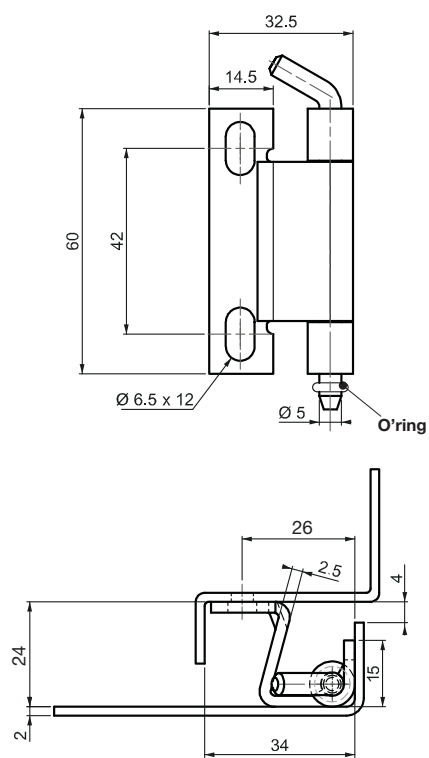
Hinge Rotation Angle



V : 1



V : 2



PRODUCT CODE

295

4

0

V

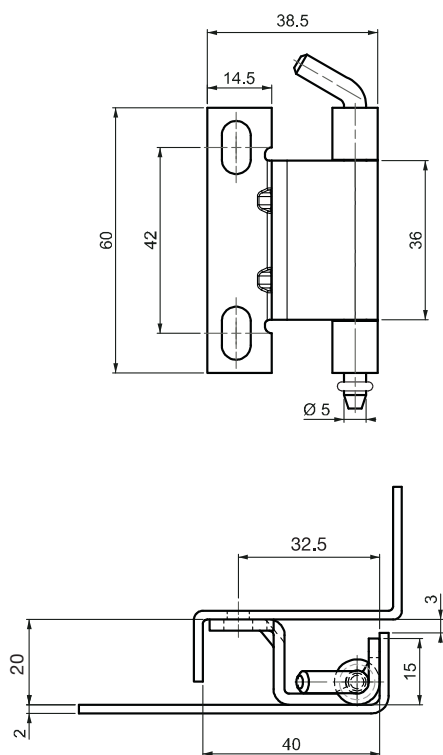
GROUP CODE

MATERIAL

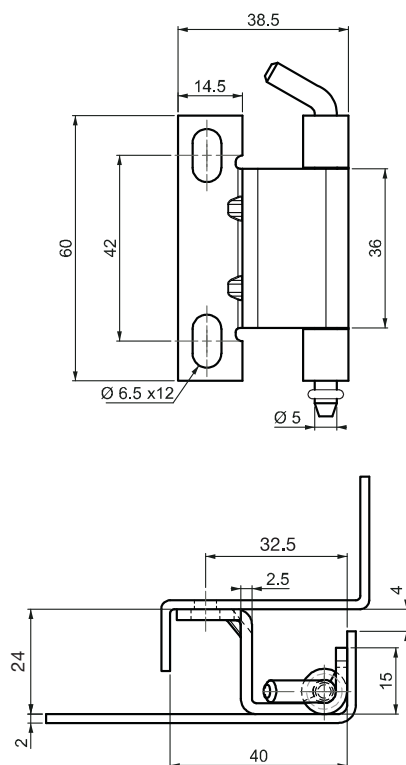
FINISH

VERSION

V : 3



V : 4



295

CONCEALED HINGE



LH/RH



Hinge Rotation Angle



PRODUCT CODE

295	4	-	0	-	V
GROUP CODE	MATERIAL		FINISH		VERSION

CONCEALED HINGE

395

V : 1

V : 2



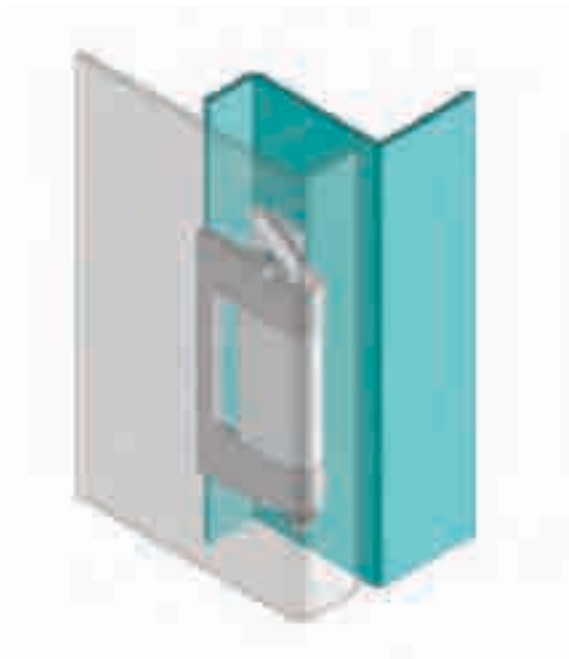
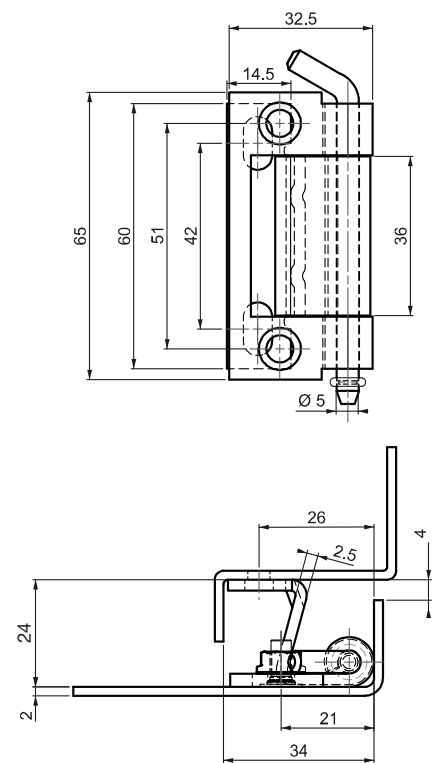
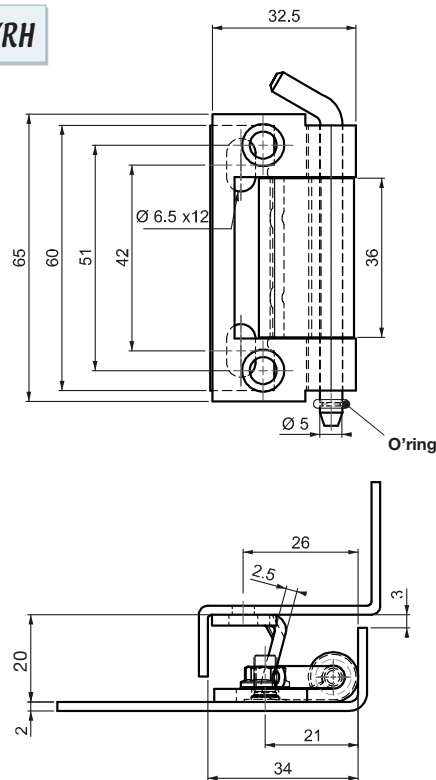
LH/RH



- For doors with a bend of between 20 mm and 24mm.
- Frame part is screwed-on, door part is welded-on
- LH and RH application is possible

Note: Bolts are not given

Hinge Rotation Angle



PRODUCT CODE

395

4

0

V

GROUP CODE

MATERIAL

FINISH

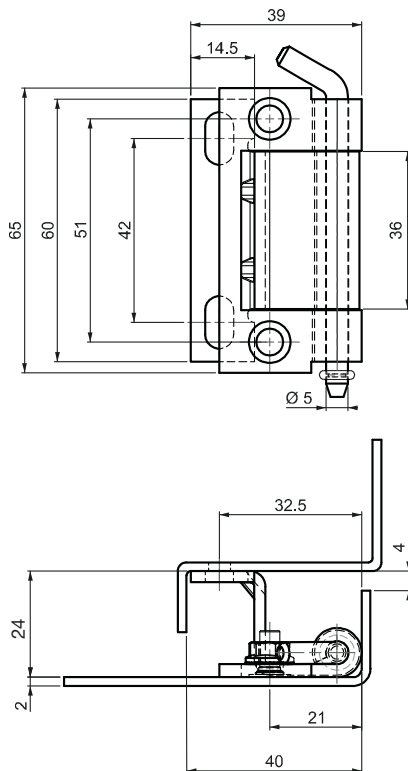
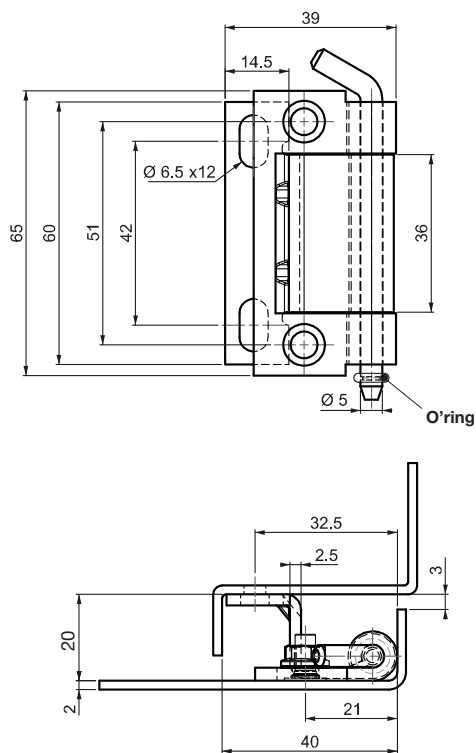
VERSION

395

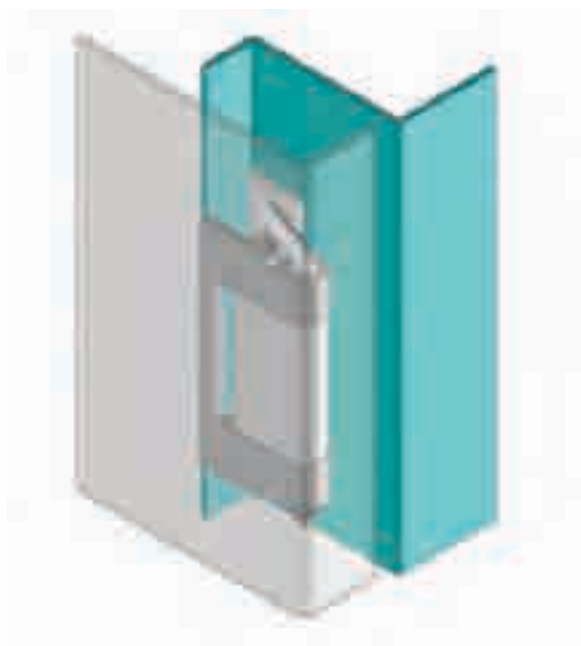
CONCEALED HINGE

V : 3

V : 4



LH/RH



Hinge Rotation Angle



PRODUCT CODE

395 - 4 - 0 - V
GROUP CODE MATERIAL FINISH VERSION

CONCEALED HINGE

695

V : 1



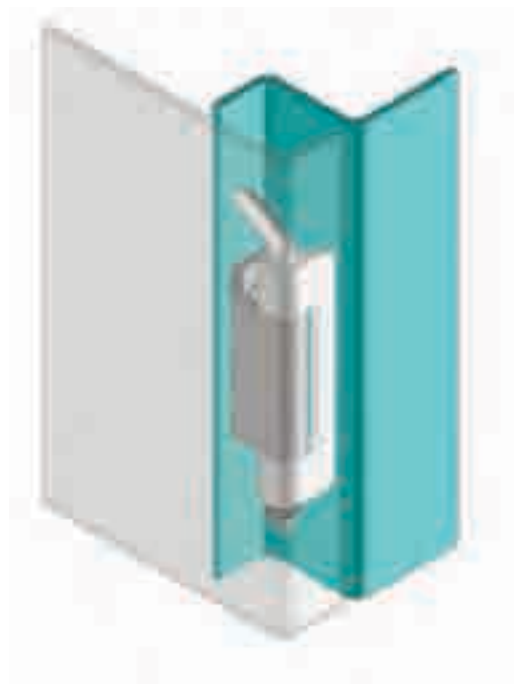
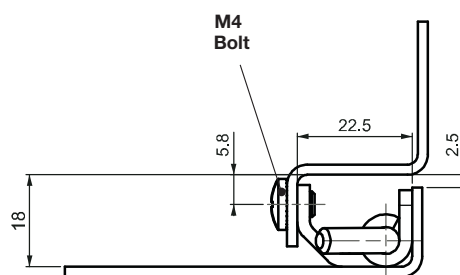
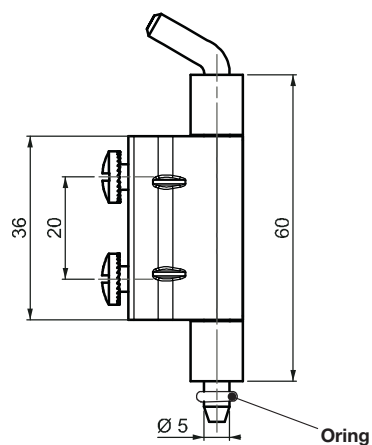
- For doors with a bend of 18 mm
- Frame part is screwed -on , door part is either welded-on or screwed-on
- LH and RH application is possible

⚠ Note: Bolts are given

Hinge Rotation Angle



LH/RH



PRODUCT CODE

695

4

0

1

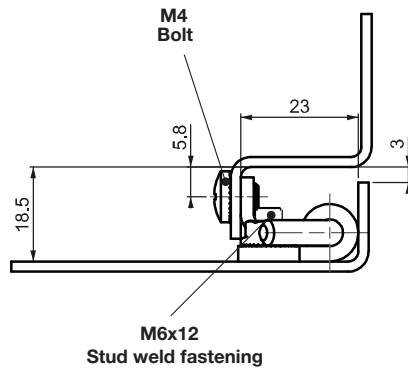
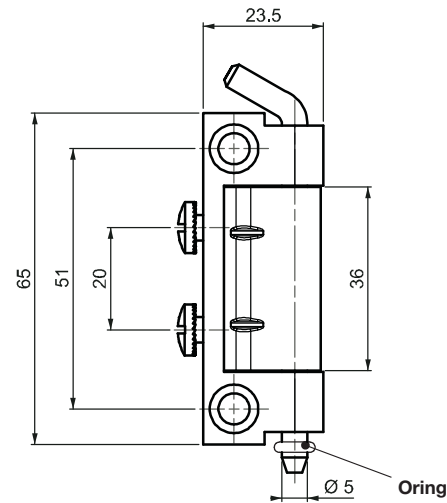
GROUP CODE

MATERIAL

FINISH

VERSION

V : 2



695

CONCEALED HINGE



LH/RH



- For doors with a bend of 18.5 mm
- Frame part is screwed -on ,door part is mounted by nut to welded stud on door.
- LH and RH application is possible

! Note: Bolts are given

Hinge Rotation Angle



PRODUCT CODE

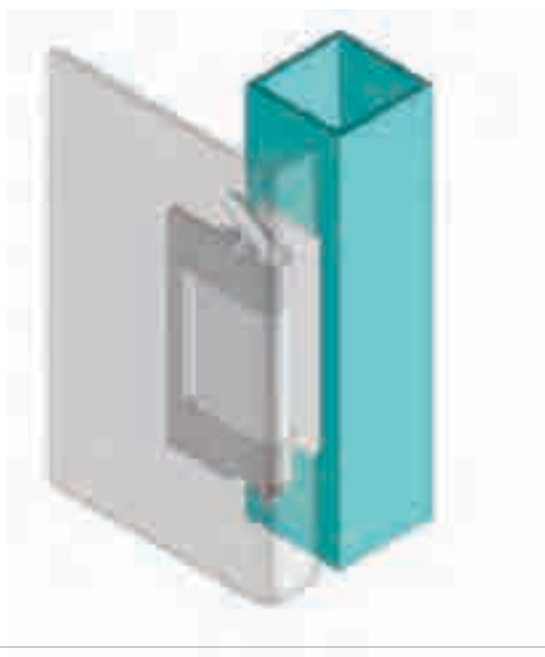
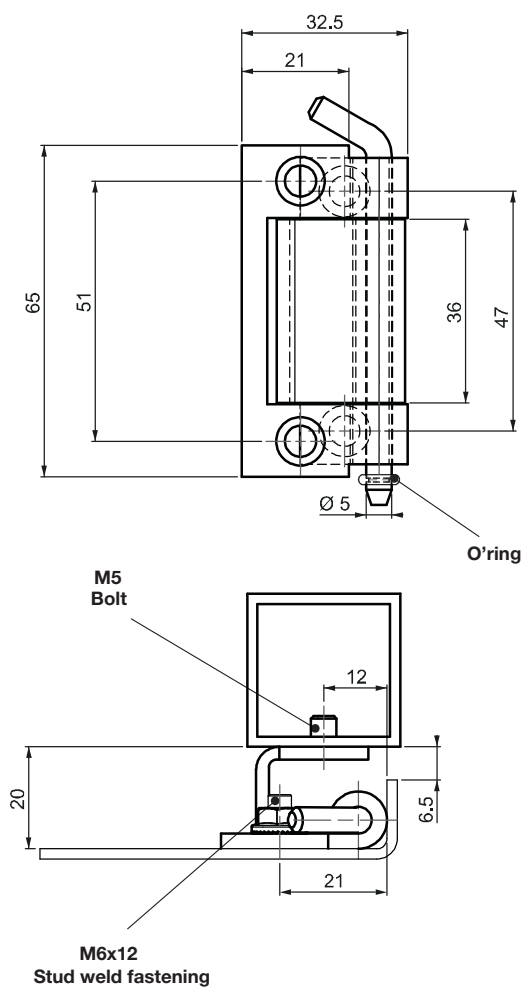
695	4	0	2
GROUP CODE	MATERIAL	FINISH	VERSION

795



LH/RH

- ! Note:** Bolts are not given

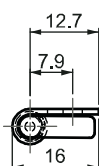
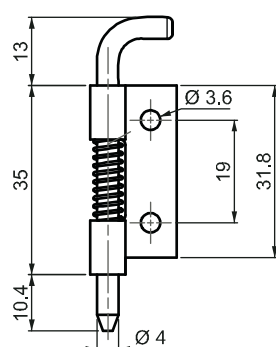


GROUP CODE MATERIAL FINISH

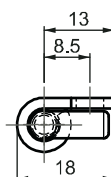
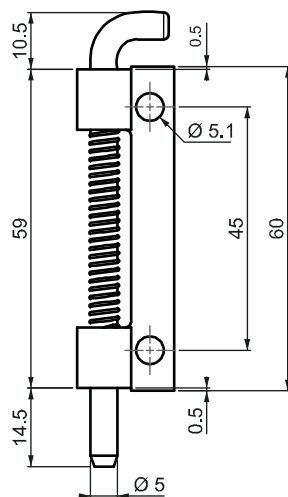
289

CONCEALED HINGE

V : 1



V : 2



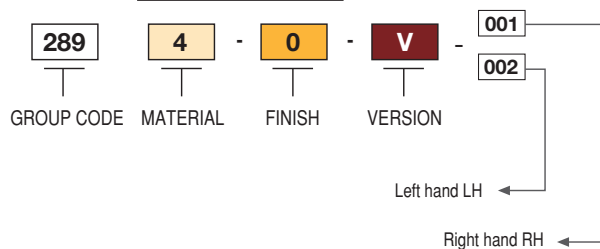
LH/RH



- For internally mounted doors. Spring loaded hinge for easy door removal.
- Both versions are either screwed-on or welded-on
- LH and RH application is possible

! Note: Bolts are not given

PRODUCT CODE



CONCEALED HINGE

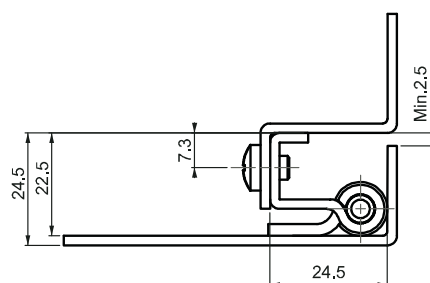
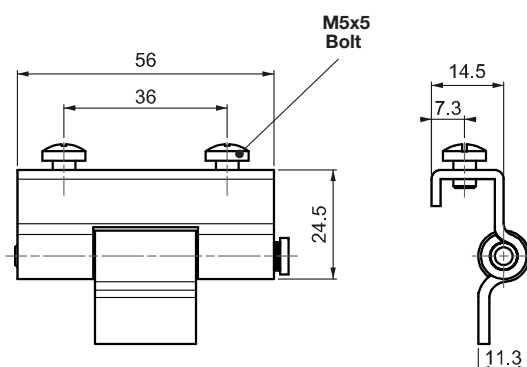
095



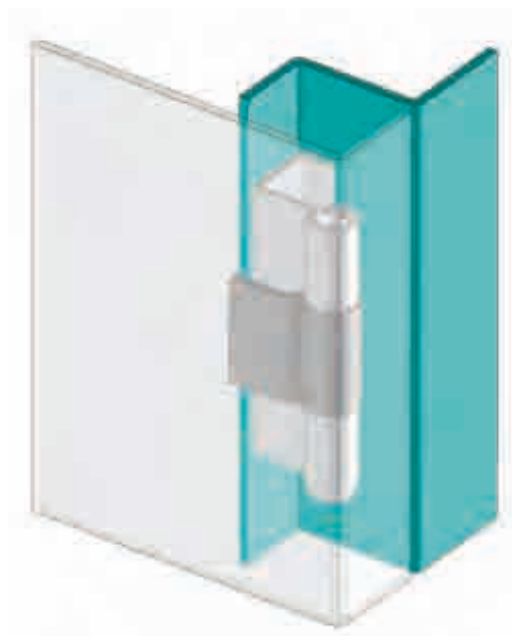
LH/RH

- For doors with a bend of 22.5 mm or more. Available drilled with two holes or with two mounting studs.
- The centre part is available in different versions.

⚠ **Note:** Bolts are given

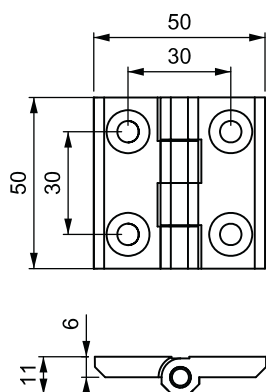


Hinge Rotation Angle

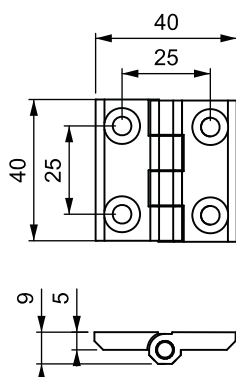


PRODUCT CODE

095	4	-	0	-	V	-	0
GROUP CODE	MATERIAL		FINISH		VERSION		Hole



099



299

299

LEAF HINGE

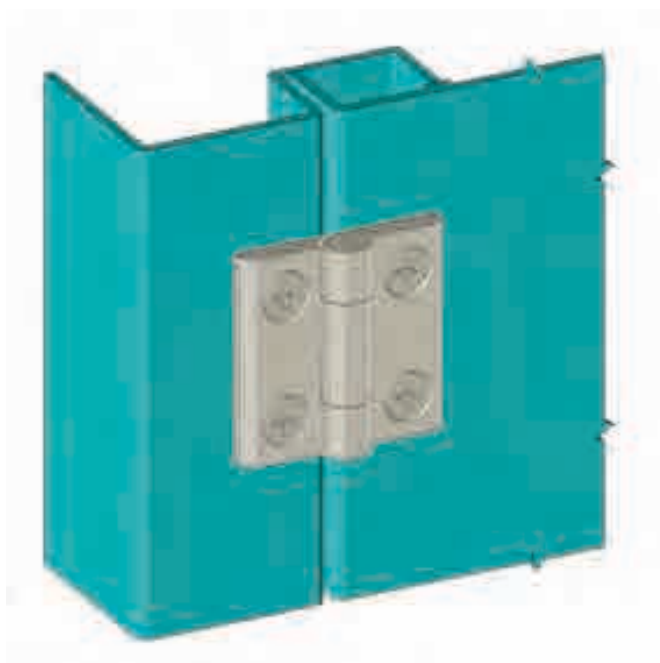


LH/RH



40X40

Hinge Rotation Angle



099

LEAF HINGE



50X50

Hinge Rotation Angle



PRODUCT CODE

099	4	-	0	-	4
GROUP CODE	MATERIAL		FINISH		VERSION

PRODUCT CODE

299	4	-	0	-	3
GROUP CODE	MATERIAL		FINISH		VERSION

LEAF HINGE

599



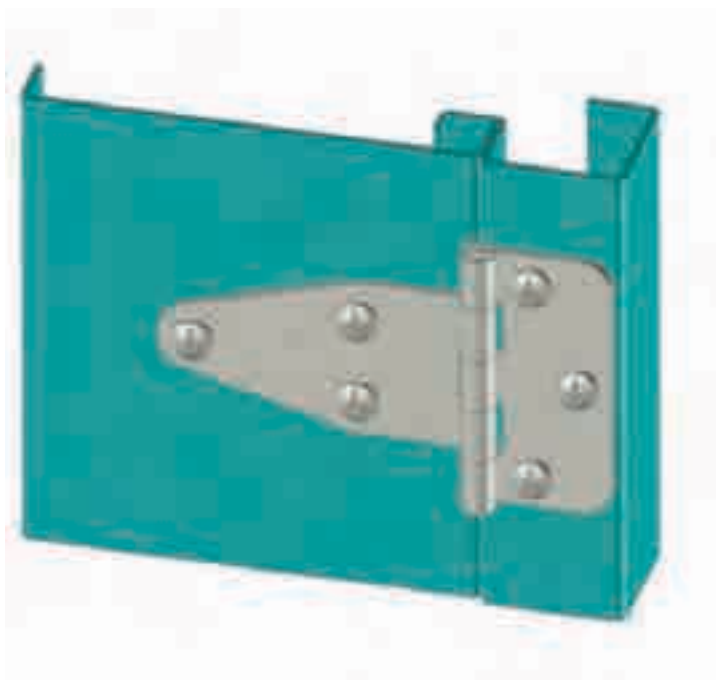
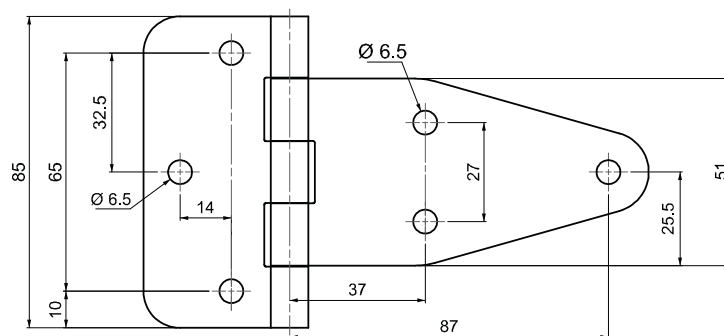
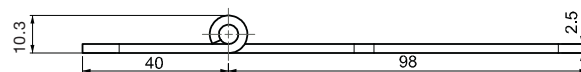
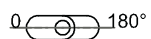
New



LH/RH

- Generally, used for plain / flush mounted, isolated, heavy doors.
- Both frame part and door part are screwed -on.
- Hinge Rotation angle is 180°

Hinge Rotation Angle



PRODUCT CODE

599

4

- 0

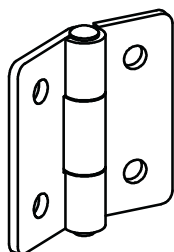
GROUP CODE

MATERIAL

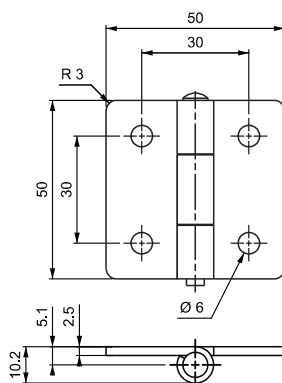
FINISH

799

LEAF HINGE



V : 1



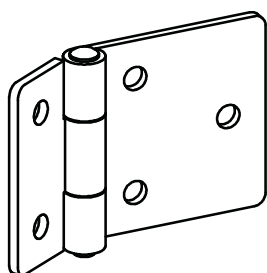
New



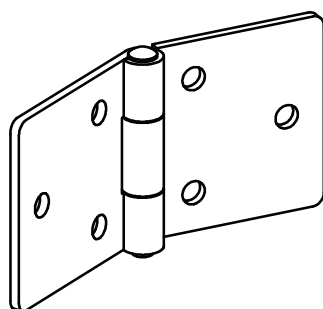
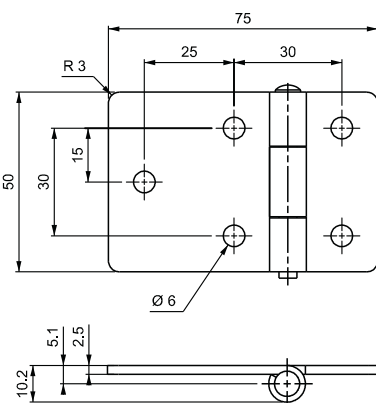
LH/RH



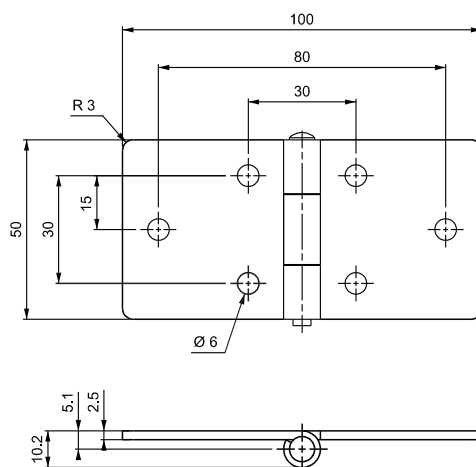
- Generally, used for plain / flush mounted, isolated, heavy doors.



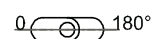
V : 2



V : 3



Hinge Rotation Angle



PRODUCT CODE

799

4

- 0

- V

GROUP CODE

MATERIAL

FINISH

VERSION

SIDE HINGE (10 mm)

090

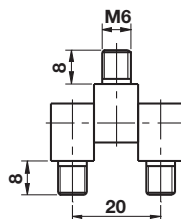


New



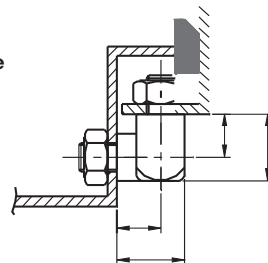
LH/RH

- Side mounted hinge
- Three 10mm brass parts supplied separately. For different dims contact Mesan



Hinge Rotation Angle

0 180°



PRODUCT CODE

090	4	-	0
GROUP CODE	MATERIAL		FINISH

SIDE HINGE (12 mm)

092

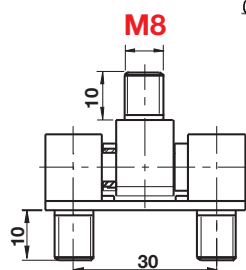
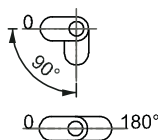


New

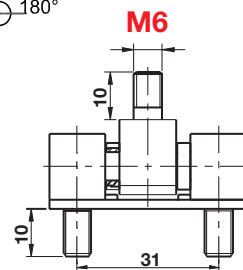


LH/RH

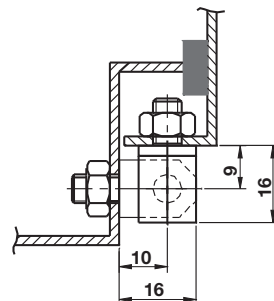
- Side mounted hinge
- 12 mm parts and bearings are brass. Parts are assembled by fixing plate. For different dimensions, please contact Mesan.
- 90° and 180° angle versions are available



M8 → 092 4-0-8-90°
092 4-0-8-180°



M6 → 092 4-0-6-90°
092 4-0-6-180°

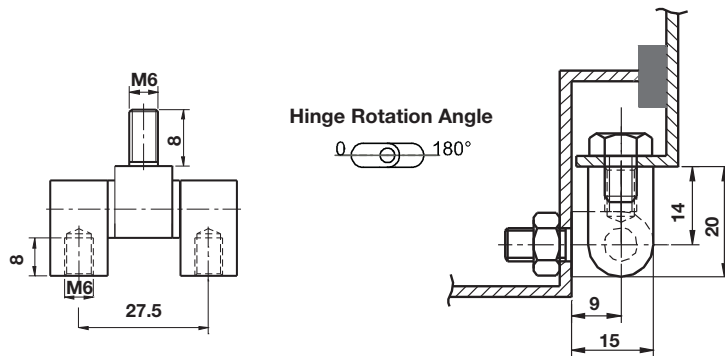


PRODUCT CODE

092	4	-	0
GROUP CODE	MATERIAL		FINISH

192

SIDE HINGE (12 mm)



PRODUCT CODE

192	4	-	0
GROUP CODE	MATERIAL		FINISH

New



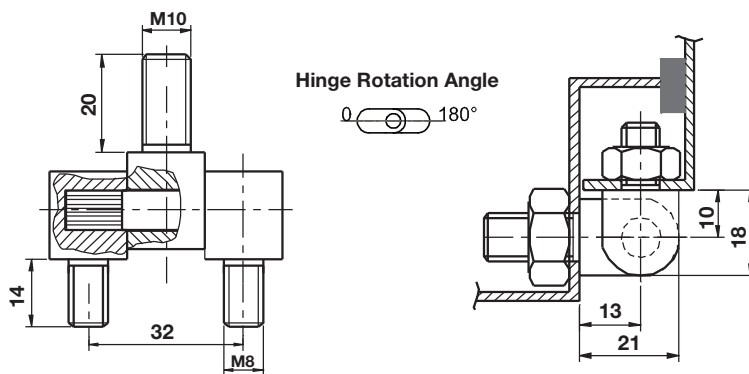
LH/RH



- Side mounted hinge
- 12 mm parts and bearings are brass .Parts are tightly fitted.

193

SIDE HINGE (16 mm)



PRODUCT CODE

193	4	-	0
GROUP CODE	MATERIAL		FINISH

New



LH/RH



- Side mounted hinge
- 16 mm parts are brass .Parts are tightly fitted.

CORNER HINGE

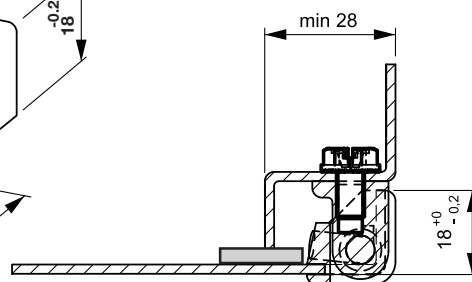
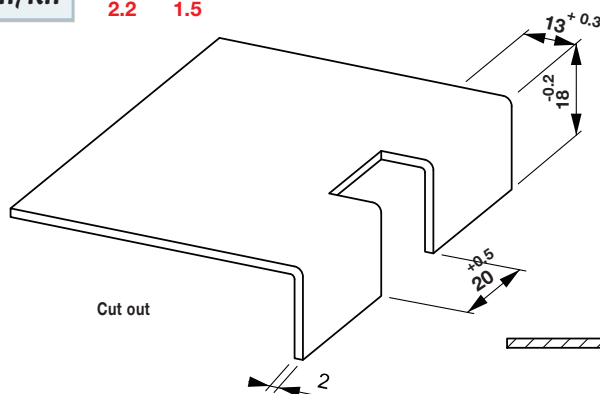
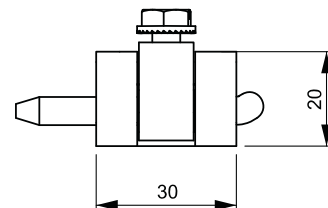
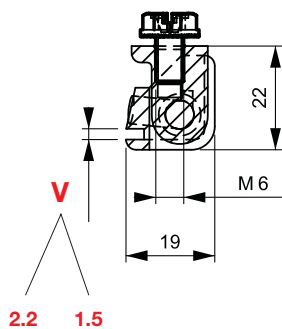
097



New



LH/RH



- Corner hinge.
- Suitable for steel panels with a thickness of between 1.0 mm and 2.2 mm.
- Hinge pin available in three types.

APPLICATIONS

Small electric panels

MATERIAL

FIXED, MOVABLE PARTS:

Stainless Steel

PIN : Stainless steel or Poliasetal (Delrin)

V : 15

For 1.0 mm - 1.2mm thickness panel
(097 4-0-P-15)

V : 22

For 1.5 mm - 2 mm thickness panel
(097 4-0-P-22)

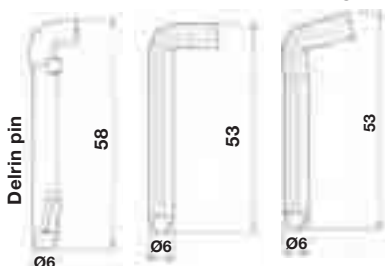


P = Pin

P = 1

P = 2

P = 3



PRODUCT CODE

097

4

0

P

V

GROUP CODE

MATERIAL

FINISH

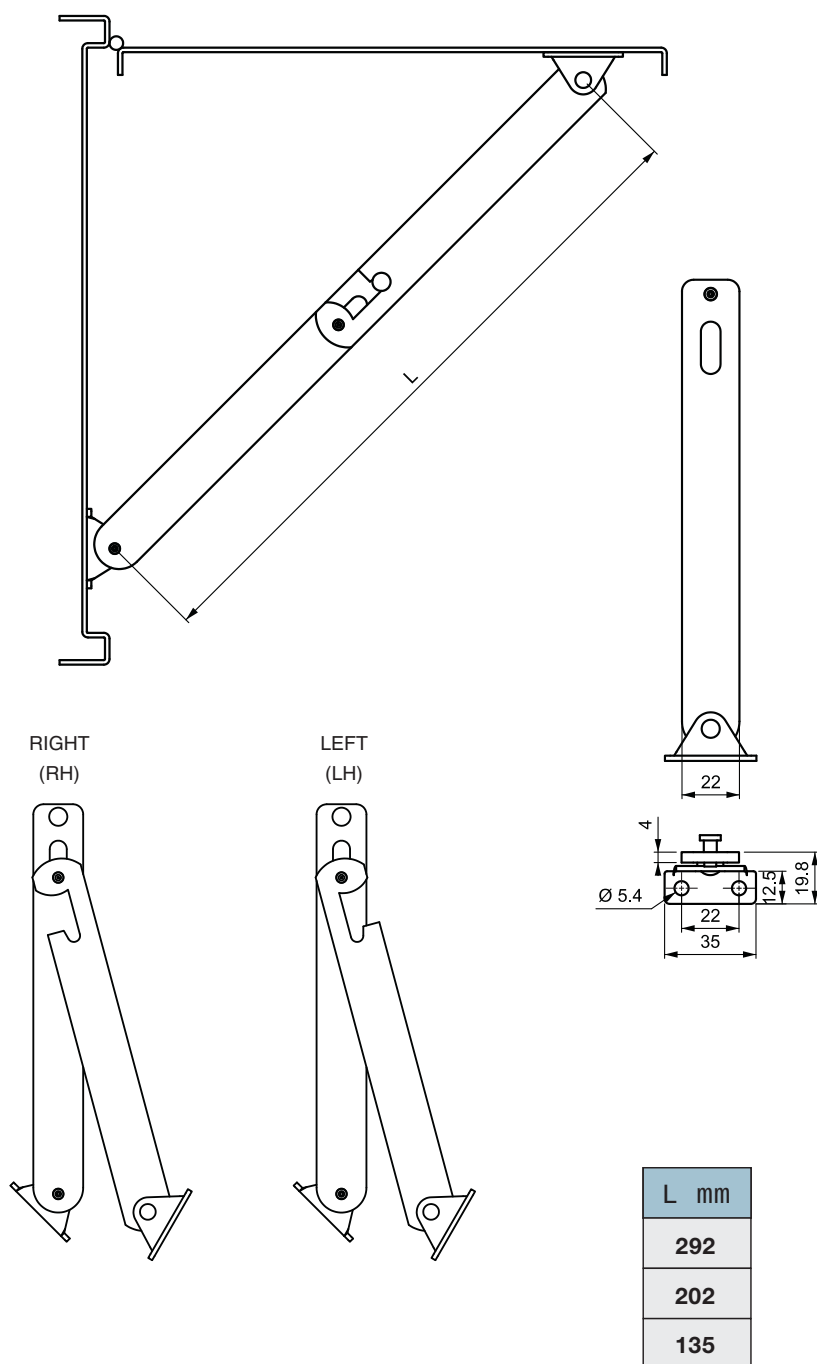
PIN

VERSION

279

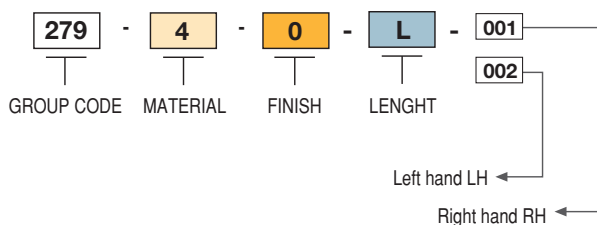
COVER STAY

New



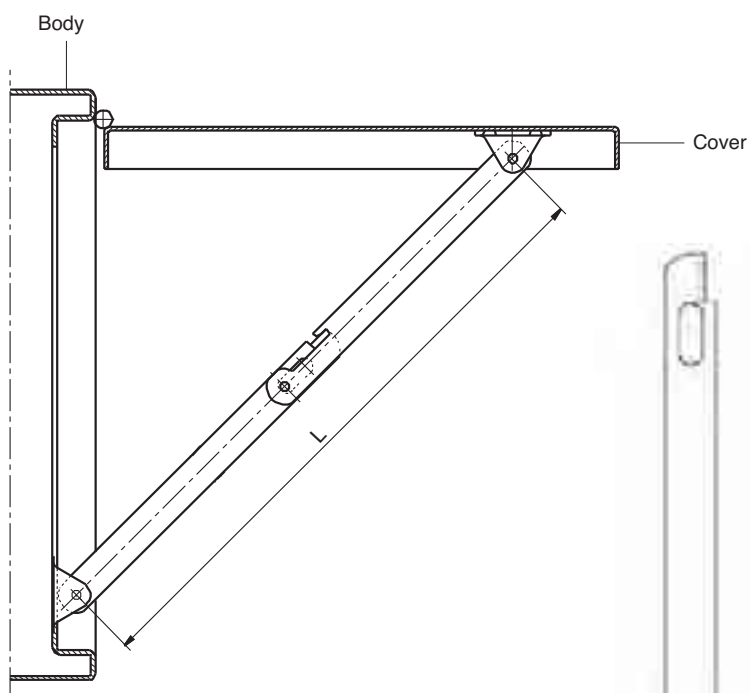
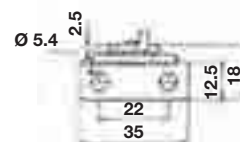
- Suitable for heavy duty applications.
- 4 mm material was produced

PRODUCT CODE



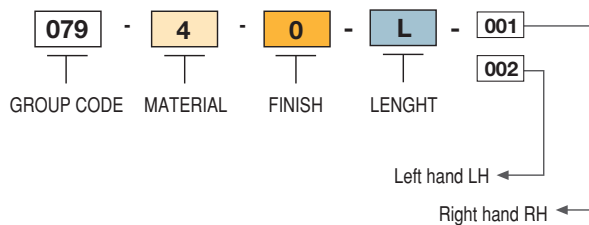
COVER STAY

079

LEFT
(LH)RIGHT
(RH)

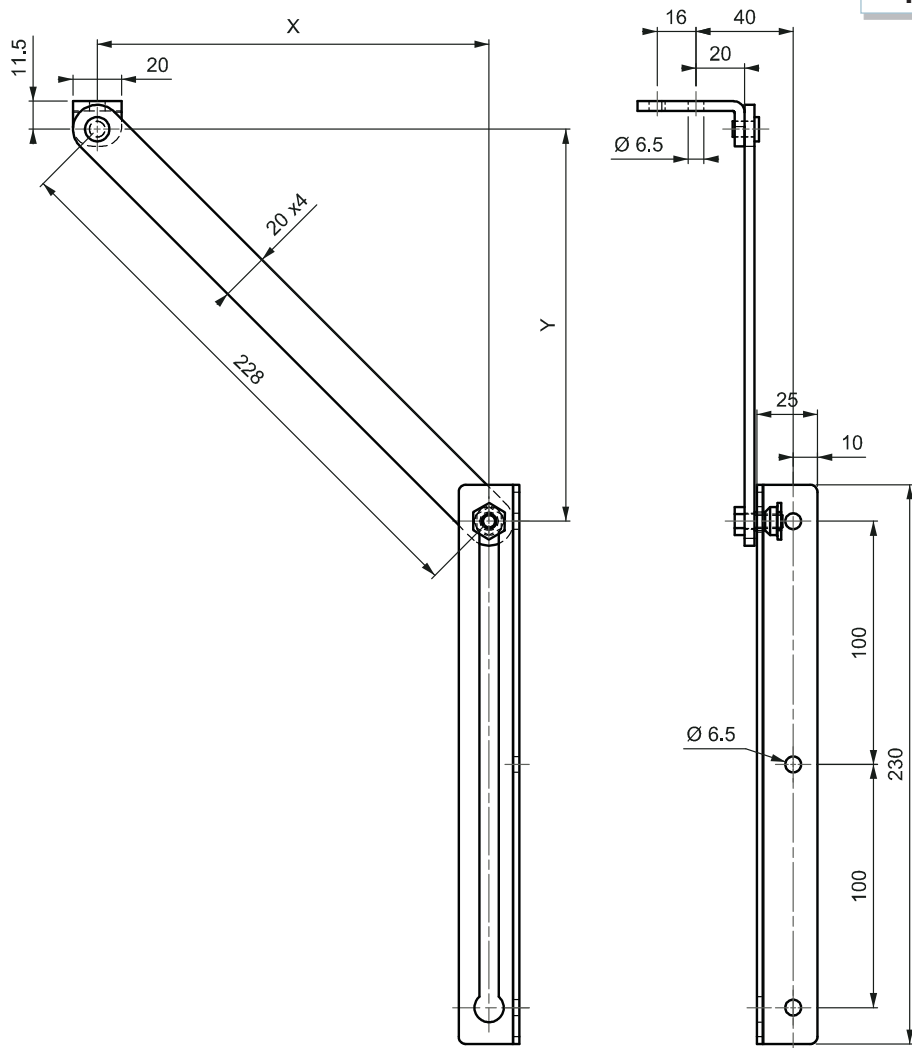
L mm
292
202
135

PRODUCT CODE



179

COVER STAY



- Cover Stay with automatic lock to keep the door open
- LH and RH application is possible

Installation dimensions

Opening Angle	Dimensions		Minimal door width
	X	Y	
90°	140	180	403
105°	120	166	389
120°	110	150	373
135°	100	146	369

For other configurations:
Y = X + min. 40

PRODUCT CODE

179	-	4	-	0
GROUP CODE		MATERIAL		FINISH

Group code	Product name	Page no	Part	Page code
001	Swing handle	16 - 17	1-1	1-1101
002	Swing handle - Gear box	36	1-2	1-2101
003	Three point lock	51	1-2	1-2401
006	Swing handle	20	1-1	1-1201
007	Swing handle - Gear box	50	1-2	1-2201
008	Swing handle	21	1-1	1-1202
010	Cam lock - 'T' handle	158	1-8	1-8101
011	Cam lock - 'L' handle	159	1-8	1-8102
012	Hvac lock	80 -81	1-4	1-4403
015	'T' Handle heavy duty lock	64 - 67	1-3	1-3301
016	Push to close	60 - 62	1-3	1-3101
016	Push to close	278	5	5-1101
018	'T' Handle heavy duty locke	70	1-3	1-3501
020	Sliding glass door lock	160	1-8	1-8201
021	Glass door lock	161	1-8	1-8301
030	Furniture lock	162	1-8	1-8401
032	Furniture lock (square based)	163	1-8	1-8402
033	Furniture lock (plastic)	164	1-8	1-8403
040	Compression lock	118 - 119	1-6	1-6115
050	Cam lock	147 - 149	1-7	1-7202
050	Cam lock ball	131	1-6	1-6401
055	Padlockable - wing knob	132 - 133	1-6	1-6301
056	High security cam lock	155	1-7	1-7401
057	Mini cam lock	152	1-7	1-7301
058	Steel cupboard lock	166	1-8	1-8404
059	Sliding door lock	165	1-9	1-8501
060	Quarter turn - spring loaded	105	1-6	1-6101
060	Quarter turn - spring loaded	280	5	5-1201
062	Quarter turn - wing knob	106	1-6	1-6102
063	Cam lock	140	1-7	1-7101
064	Stepped cover lock	114	1-6	1-6106
064	Quarter turn - spring loaded	115	1-6	1-6106
064	Quarter turn - spring loaded	281	5	5-1202
064	Quarter turn - wing knob	115	1-6	1-6107
064	Cam lock - 'T' handle	144	1-7	1-7105
064	Cam lock - 'L' handle	145	1-7	1-7106
065	Cam lock - wing knob	141	1-7	1-702
066	Mini quarter turn - spring loaded	128	1-6	1-6202
070	Lift and turn lock	74	1-4	1-4101
071	Sliding lock	76	1-4	1-4201
072	Functional lock	75	1-4	1-4102
074	Cover pull (snap-in)	267	4	4-3101
075	Panel lockwith hexagonal head	78	1-4	1-4303
077	Compression lock	82 - 83	1-4	1-4402
079	Cover stay	272	4	4-7101
079	Cover stay	306	5	5-5101
084	Millenium handle	262	4	4-1101
085	Drawer handle	263	4	4-1102
086	Cover handle	264	4	4-1103
087	Cover handle	265	4	4-2101

Group code	Product name	Page no	Part	Page code
090	Side hinge (10 mm)	170	2-1	2-1101
090	Side hinge (10 mm)	301	5	5-4110
091	Side hinge (12 mm)	170	2-1	2-1101
092	Side hinge (12 mm)	170	2-1	2-1101
092	Side hinge (12 mm)	301	5	5-4110
093	Side hinge (12 mm)	171	2-1	2-1102
094	Concealed hinge	180	2-2	2-2101
095	Concealed hinge	184 - 185	2-2	2-2105
095	Concealed hinge	298	5	5-4106
096	Concealed hinge	182	2-2	2-2103
097	Corner hinge	202	2-3	2-3101
097	Corner hinge	304	5	5-4110
098	Corner hinge	205	2-3	2-3104
099	Leaf hinge	222 - 223	2-4	2-4103
099	Leaf hinge	299	5	5-4107
100	Corner hinge	212	2-3	2-3108
100	Hinge with bearing	238	2-4	2-4107
101	Swing handle	19	1-1	1-1104
102	Swing handle - Gear box	37	1-2	1-2102
103	Three point lock	57	1-2	1-2404
103	Three point lock (Wing knob, 'T' and 'L' handle)	52 - 53	1-2	1-2401
103	Quarter turn lock	134	1-6	1-6601
108	Swing handle	22 - 25	1-1	1-1203
109	Swing handle - Gear box	40 - 43	1-2	1-2202
110	Cam lock - 'T' handle	142	1-7	1-7103
111	Cam lock - 'L' handle	143	1-7	1-7104
115	'T' Handle heavy duty lock	68	1-3	1-3401
116	Push to close	63	1-3	1-3201
150	Cam lock	150	1-7	1-7203
157	Mini cam lock	153	1-7	1-7301
160	Quarter turn - spring cam	124	1-6	1-6113
161	Knob -on lock	122	1-6	1-6111
162	Paco lock	108	1-6	1-6104
166	Mini quarter turn - wing knob	130	1-6	1-6203
171	Mini Sliding lock	77	1-3	1-4202
179	Cover stay	273	4	4-7102
179	Cover stay	307	5	5-5102
187	Cover handle	266	4	4-2102
189	Spring loaded	197	2-2	2-2112
191	Side hinge (Lift-off)	172	2-1	2-1101
192	Side hinge (12 mm)	171	2-1	2-1102
192	Side hinge (12 mm)	302	5	5-4111
193	Side hinge (12 mm)	171	2-1	2-1102
193	Side hinge (12 mm)	302	5	5-4111
194	Concealed hinge	181	2-2	2-2102
195	Concealed hinge	186 - 187	2-2	2-2106
196	Concealed hinge	183	2-2	2-2104
197	Corner hinge	204	2-3	2-3103
199	Leaf hinge	221	2-4	2-4102
200	Corner hinge	210 - 211	2-3	2-3107

Group code	Product name	Page no	Part	Page code
203	Three point lock (Wing knob, 'T' and 'L' handle)	54 - 55	1-2	1-2402
203	Three point lock	56	1-2	1-2405
203	Quarter turn lock	135	1-6	1-6501
203	Quarter turn - wing knob	136	1-6	1-6501
208	Swing handle	26 - 27	1-1	1-1204
209	Swing handle - Gear box	44 - 45	1-2	1-2203
215	'T' Handle heavy duty lock	69	1-3	1-3402
218	Swing handle	28 - 29	1-1	1-1301
219	Swing handle - Gear box	46 - 47	1-2	1-2301
250	Cam lock	129	1-7	1-7204
260	Quarter turn - Padlockable	125	1-6	1-6114
261	Knob - on lock	123	1-6	1-7107
262	Padlockable - wing knob	109	1-6	1-6105
266	Mini quarter turn - spring loaded	129	1-6	1-6202
279	Cover stay	274	4	4-7103
289	Concealed hinge	197	2-2	2-2111
289	Concealed hinge	297	5	5-4105
293	Side hinge	173	2-1	2-1104
294	Concealed hinge	199	2-2	2-2113
295	Concealed hinge	190 - 191	2-2	2-2107
295	Concealed hinge	290 - 291	5	5-4101
297	Corner hinge	203	2-3	2-3102
298	Corner hinge	206	2-3	2-3105
299	Leaf hinge	220	2-4	2-4101
299	Leaf hinge	299	5	5-4107
300	Hvac hinge	236	2-4	2-4106
308	Swing handle	30	1-1	1-1205
318	Swing handle	31	1-1	1-1302
309	Swing handle - Gear box	48	1-2	1-2204
319	Swing handle - Gear box	49	1-2	1-2302
361	Secure quarter turn	120	1-6	1-6109
362	Quarter turn - wing knob	107	1-6	1-6103
395	Concealed hinge	192 - 193	2-2	2-2108
395	Concealed hinge	292 - 293	5	5-4102
393	Side hinge	174	2-1	2-1105
399	Leaf hinge	224 - 225	2-4	2-4104
400	Corner hinge	209	2-3	2-3106
401	Swing handle	287	5	5-3104
402	Swing handle - Gear box	284 - 285	5	5-3102
462	Bridge clamp system	79	1-4	1-4401
493	Side hinge	175	2-1	2-1106
499	Leaf hinge	228	2-4	2-4105
500	Hvac hinge	237	2-4	2-4108
501	Swing handle	18	1-1	1-1103
501	Swing handle	286	5	5-3102
502	Swing handle - Gear box	38 - 39	1-2	1-2103
502	Swing handle - Gear box	282 - 283	5	5-3101
561	Knob -on lock	121	1-6	1-6110
593	Side hinge	176	2-1	2-1107
599	Leaf hinge	229	2-4	2-4110

Group code	Product name	Page no	Part	Page code
600	Corner hinge	213 - 215	2-3	2-3201
600	Hvac hinge	232 - 233	2-4	2-4202
600	Hinge with bearing	231	2-4	2-4201
693	Side hinge	177	2-1	2-1108
693	Hinge with bearing	239	2-4	2-4109
695	Concealed hinge	194 - 195	2-2	2-2109
695	Concealed hinge	294 - 295	5	5-4103
699	Lift - off hinge	226 - 227	2-4	2-4111
700	Hvac hinge	234 - 235	2-4	2-4203
700	Corner hinge	216 - 217	2-3	2-3203
795	Concealed hinge	196	2-2	2-2110
795	Concealed hinge	296	5	5-4104
799	Leaf hinge	230	2-4	2-4112
895	Concealed hinge	188	2-2	2-2114
995	Concealed hinge	189	2-2	2-2115
2150	Drawing pocket	268	4	4-4101
2152	Drawing pocket	269	4	4-4102
221X	Counter Screen	270	4	4-5101
245X	Eyebolt	271	4	4-6101
240X	Cage nut	271	4	4-6101
	Cams with stopper	86 - 87	1-5	1-5101
	Cams without stopper	88	1-5	1-5201
	Other cams	89	1-5	1-5301
	Round rods and accessories	90 - 96	1-5	1-5401
	Flat rods and accessories	90 - 96	1-5	1-5501
	Actuator plates	97	1-5	1-5601
	Keys	98 - 99	1-5	1-5701

CERTIFICATIONS and REGULATIONS

ISO 9001: 2000 Quality System Certification



RoHS Statement of Compliance

As an ISO9001:2000 Registered Company, MESAN has ensured wherever possible that our products are compliant to the RoHS Directive 2002/95/EC. The RoHS Directive 2002/95/EC restricts the amount of six environmentally hazardous substances found in electrical and electronic equipment. MESAN can confirm that it has restricted all the following materials:

Lead, Mercury, Cadmium, Hexavalent Chromium, Polybrominated biphenyls (PBB) and Polybrominated Diphenyl Ethers (PBDE).

REACH - Registration, Evaluation and Authorization of Chemicals" regulation

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of December 18, 2006 concerning the Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) came into force on June 1, 2007.

In any case, we can assure that we are aware of the obligations arising from the REACH regulation and will continue to comply with all legal requirements.