FAST FIND INDEX


444


445


446-447


448-449


450-451


452


453


454


455


456


457


458

NEW


458

NEW


459


460


461


462


463


464


465


466


467


468


469


470


471


472


473


474


475

NEW


476

NEW


477


478


479


479



STAINLESS STEEL PRODUCTS-
LOCKS-LATCHES

442-479

mesan
ESSENTRA COMPONENTS

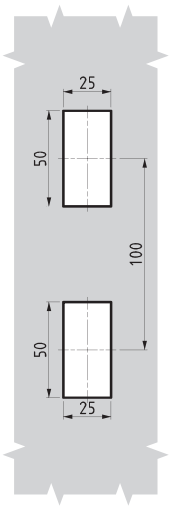
e-mail | info@mesanlocks.com web | www.mesanlocks.com

SWINGHANDLE 401

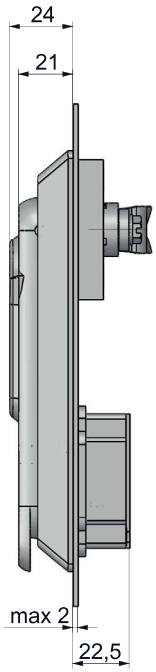


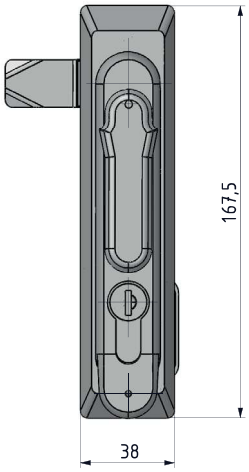
RoHS

IP 65



Cut out

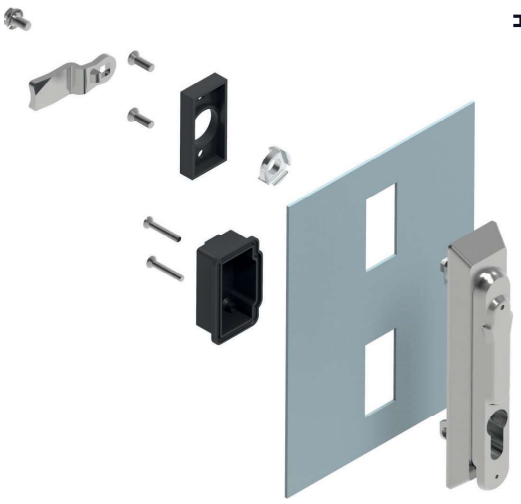


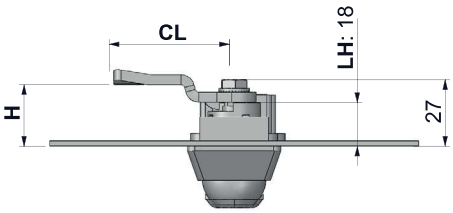


APPLICATIONS
Electric panels, outdoor cabinets

MATERIAL

BODY:	Stainless Steel (AISI 316)
HANDLE:	Stainless Steel (AISI 316)
CAM:	Stainless Steel
GASKET:	Polyurethane





	BRASS CYLINDER	DD
	No cylinder	00
	Keyed alike	11

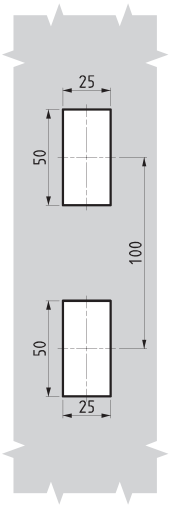
Group Code	Cylinder	Cam	Padlock*
401	DD	CC	

*: add "1" for padlock application

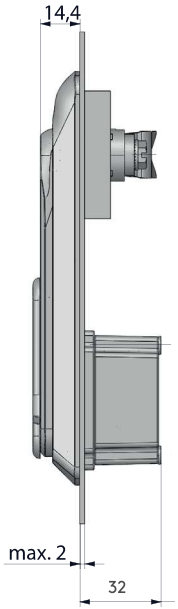
For cams please check page: 174
For rods please check page: 178 or 460

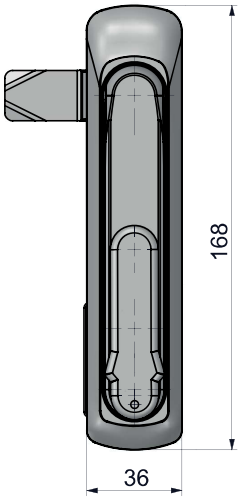
tel | +90 212 721 44 44 fax | +90 212 721 44 45

501 SWINGHANDLE



Cut out

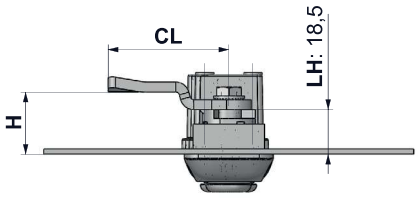




RoHS

IP 65







APPLICATIONS
Electric panels, outdoor cabinets

MATERIAL

BODY:	Stainless Steel (AISI 316)
HANDLE:	Stainless Steel (AISI 316)
CAM:	Stainless Steel
GASKET:	Polyurethane

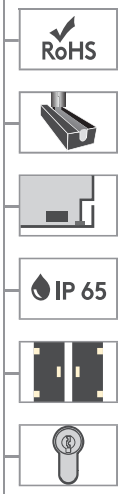
	BRASS CYLINDER	DD
	No cylinder	00
	Keyed alike	11

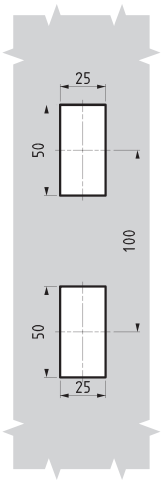
Group Code	Handle		Body		Cylinder	Cam
501	4	0	4	0	DD	CC

For cams please check page: 174
For rods please check page: 178 or 460

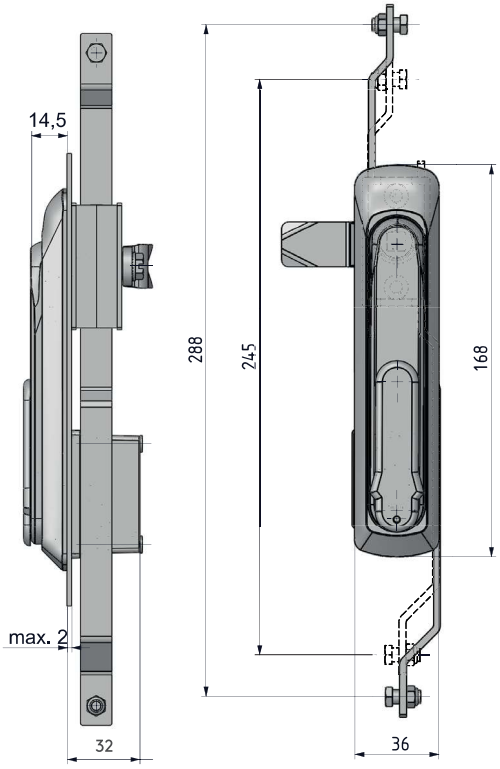
SWINGHANDLE GEAR BOX 502

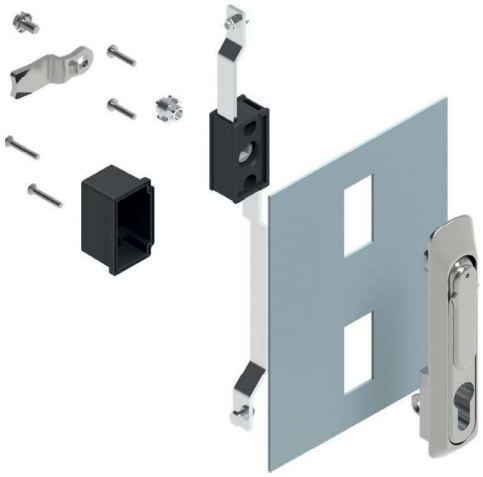


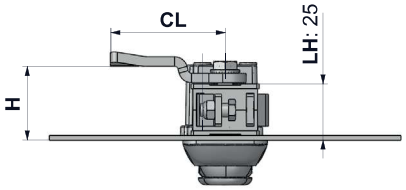




Cut out







- Thin external profile (14.4 mm) for flush appearance
- High-security, brass, Euro Profile single cylinder available

APPLICATIONS
Electric panels, outdoor cabinets

MATERIAL

BODY:	Stainless Steel (AISI 316)
HANDLE:	Stainless Steel (AISI 316)
MECHANISM:	PA6 GFR 30
CAM:	Stainless Steel
GASKET:	Polyurethane



BRASS CYLINDER	DD
No cylinder	00
Keyed alike	11

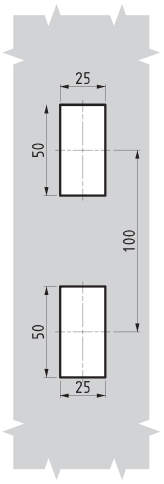
Group Code	Handle		Body		Cylinder	Cam
502	4	0	4	0	DD	CC

For cams please check page: 174
For rods please check page: 178 or 460

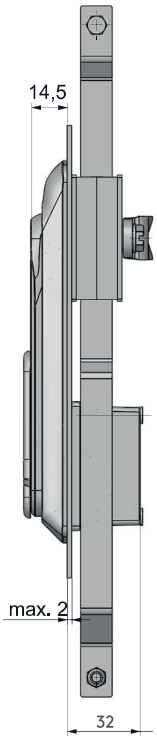
tel | +90 212 721 44 44 fax | +90 212 721 44 45

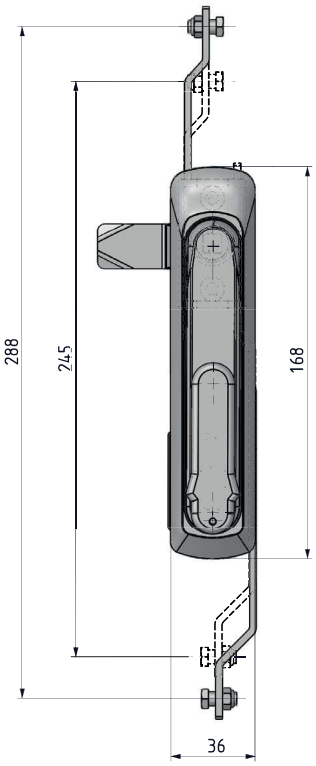
502 SWINGHANDLE GEAR BOX

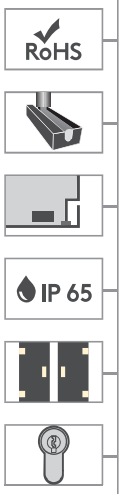
STAINLESS STEEL



Cut out



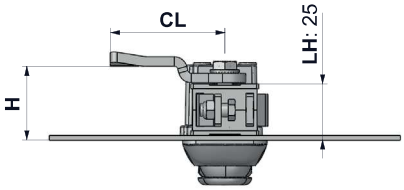












- Thin external profile (14.4 mm) for flush appearance
- High-security, brass, Euro Profile single cylinder available

APPLICATIONS
Electric panels, outdoor cabinets

MATERIAL

BODY:	Stainless Steel (AISI 316)
HANDLE:	Stainless Steel (AISI 316)
MECHANISM:	Stainless Steel
CAM:	Stainless Steel
GASKET:	Polyurethane

	BRASS CYLINDER	DD
	No cylinder	00
	Keyed alike	11

Group Code	Version	Handle		Body		Cylinder	Cam
502	2	4	0	4	0	DD	CC

For cams please check page: 174
For rods please check page: 178 or 460

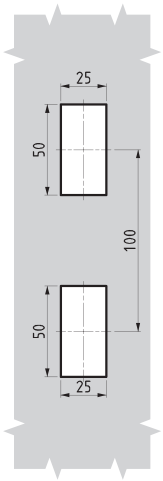
SWINGHANDLE GEAR BOX

402

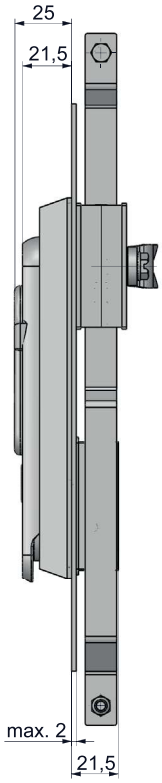


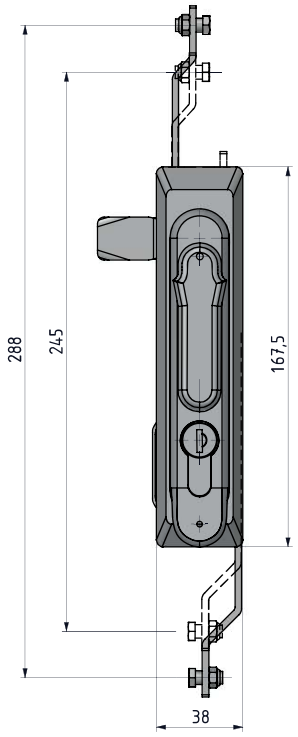
RoHS

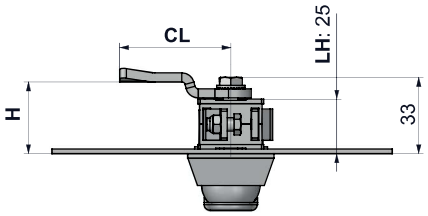
IP 65

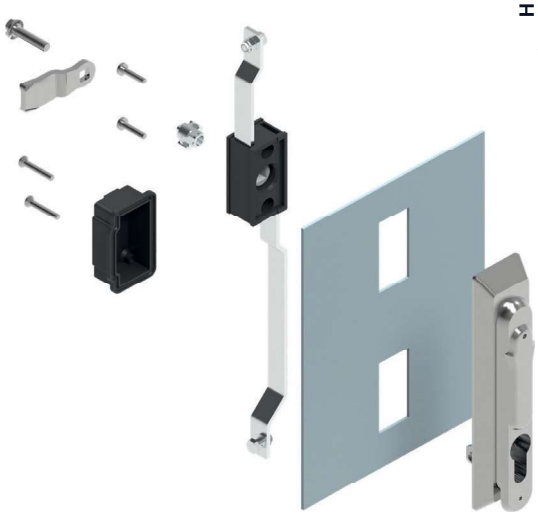


Cut out









APPLICATIONS
Electric panels, outdoor cabinets

MATERIAL

BODY:	Stainless Steel (AISI 316)
HANDLE:	Stainless Steel (AISI 316)
MECHANISM:	PA6 GFR 30
CAM:	Stainless Steel
GASKET:	Polyurethane

For cams please check page: 174

For rods please check page: 178 or 452

	BRASS CYLINDER	DD
	No cylinder	00
	Keyed alike	11

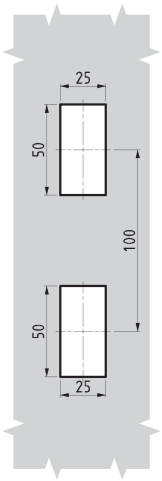
Group Code	Cylinder	Cam	Padlock*
402	DD	CC	

*: add "1" for padlock application

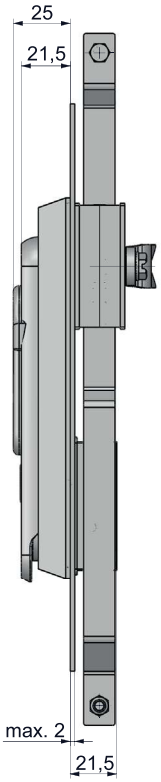
tel | +90 212 721 44 44 fax | +90 212 721 44 45

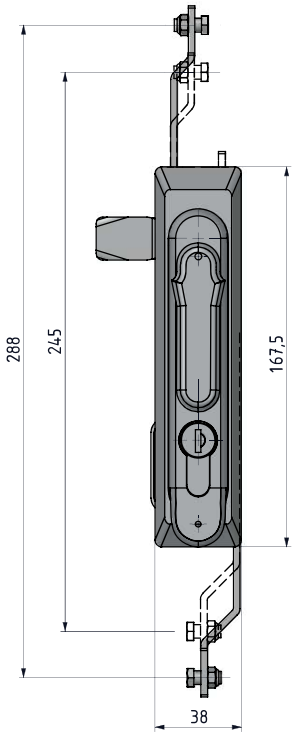
402 SWINGHANDLE GEAR BOX

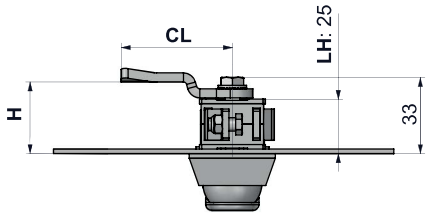
STAINLESS STEEL

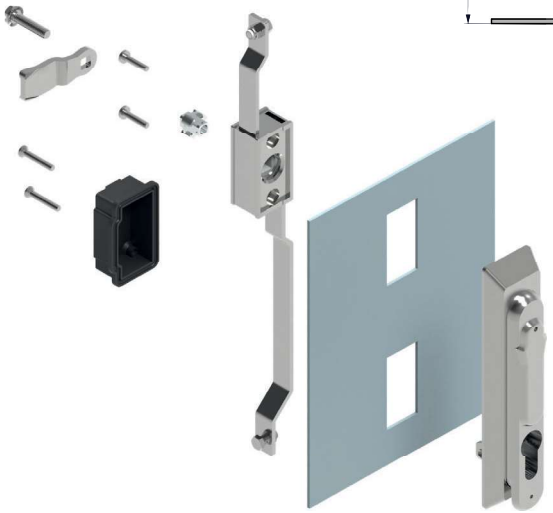


Cut out











RoHS

IP 65

APPLICATIONS
Electric panels, outdoor cabinets

MATERIAL

BODY:	Stainless Steel (AISI 316)
HANDLE:	Stainless Steel (AISI 316)
MECHANISM:	Stainless Steel
CAM:	Stainless Steel
GASKET:	Polyurethane

	BRASS CYLINDER	DD
	No cylinder	00
	Keyed alike	11

Group Code	Version	Cylinder	Cam	Padlock*
402	2	DD	CC	

*: add "1" for padlock application

For cams please check page: 174
For rods please check page: 178 or 460

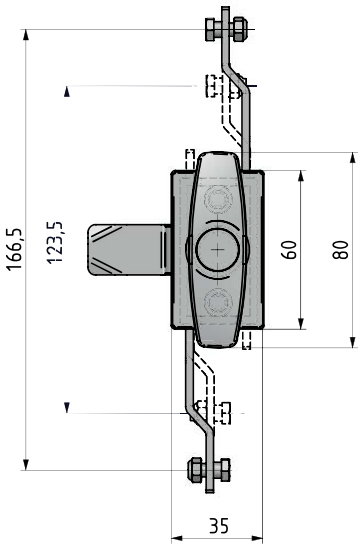
THREE POINT LOCK – T HANDLE

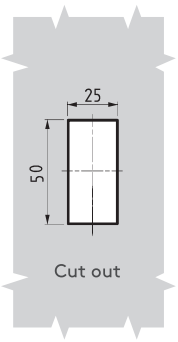
103

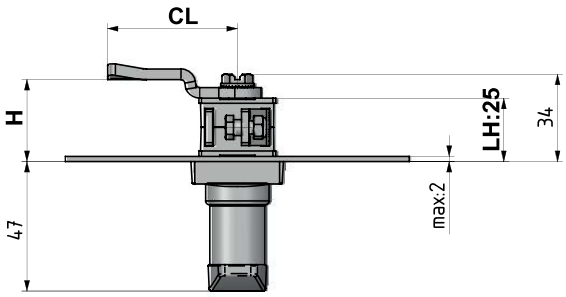


RoHS

V: 3







MATERIAL

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

DOOR DIRECTION	
Right hand	001
Left hand	002

Group Code	Version	Handle		Body		Cylinder	Cam	Door Direction
103	3	4	0	4	0	DD	CC	

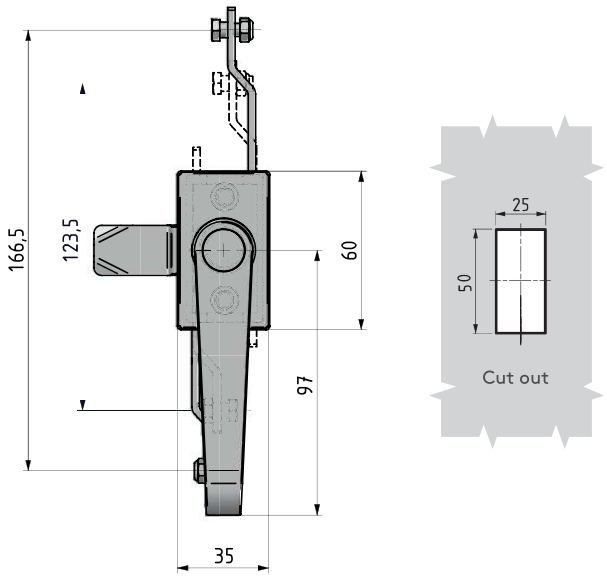
For cams please check page: 174

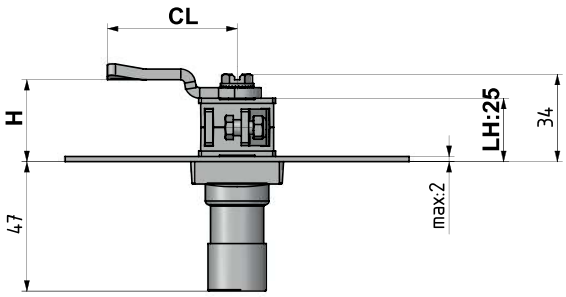
For rods please check page: 178 or 452

tel | +90 212 721 44 44 fax | +90 212 721 44 45

103 THREE POINT LOCK – L HANDLE

V: 4







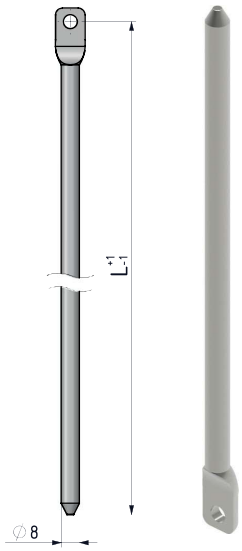
MATERIAL

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

DOOR DIRECTION	
Right hand	001
Left hand	002

Group Code	Version	Handle		Body		Cylinder	Cam	Door Direction
103	4	4	0	4	0	DD	CC	

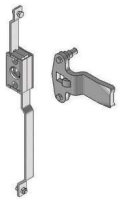
For cams please check page: 174
For rods please check page: 178 or 452



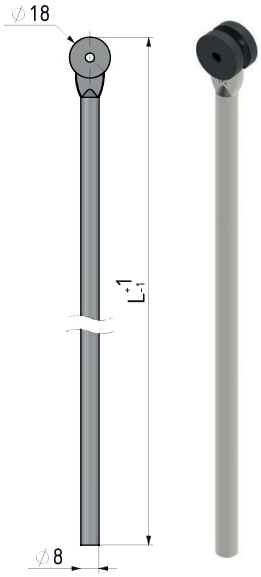
V: 1

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

APPLICATION:
- With gear-box locks
- Locks with three-point cam



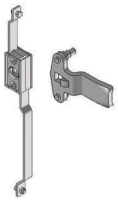
ACCESSORIES:
- Round-rod guide (CY)



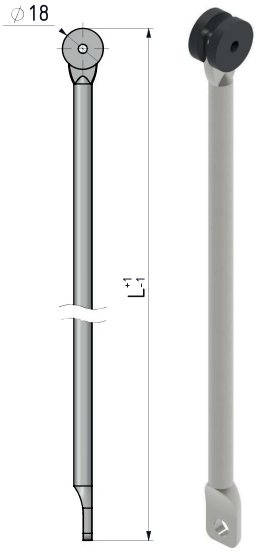
V: 2

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

APPLICATION:
- With gear-box locks
- Locks with three-point cam



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



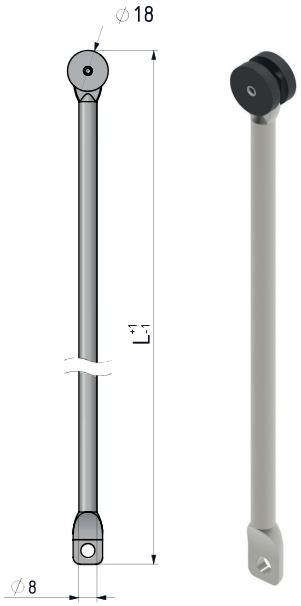
V: 3

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

APPLICATION:
- Locks with three-point cam



ACCESSORIES:
- Round-rod guide (CY)



V: 4

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

APPLICATION:
- With gear-box locks



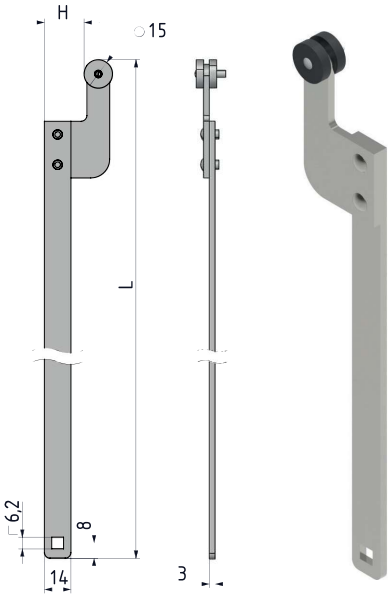
ACCESSORIES:
- Round-rod guide (CY)

For other materials please check: pages 152 and 153

Group Code	Material	Finish	Version	Length
IC	4	0	V	L

For different 'L' Lengths, please contact us

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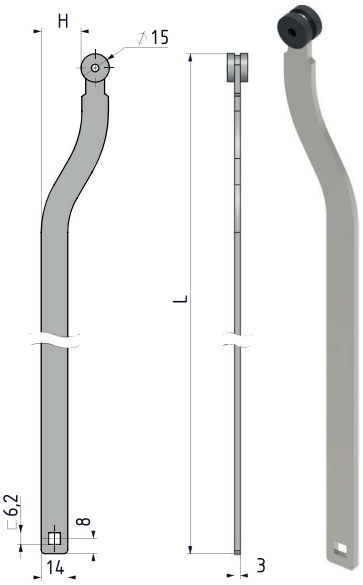
V: 1

H MM	L MM	PRODUCT CODE
27	1020	IL 4-0-1-27-1020
13	1020	IL 4-0-1-13-1020

APPLICATION:
- With gear-box locks



ACCESSORIES:
- Flat-rod guide (LY)



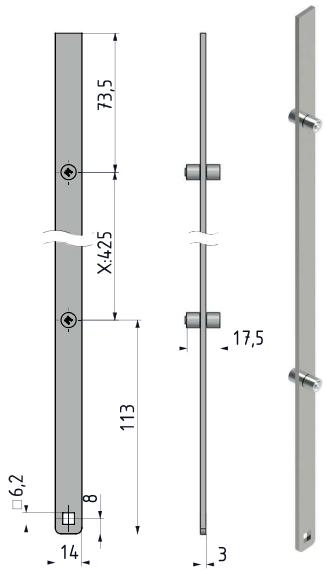
V: 2

H MM	L MM	PRODUCT CODE
21	1020	IL 4-0- 2-21-1020
16	1020	IL 4-0- 2-16-1020

APPLICATION:
- With gear-box locks



ACCESSORIES:
- Flat-rod guide (LY)



V: 1

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

APPLICATION:
- With gear-box locks



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

For other materials please check: page 161

Group Code	Material	Finish	Version	Offset	Length
IL	4	0	V	H	L

Group Code	Material	Finish	Version	Length Between Pins
ILP	4	0	1	X

For different 'L' Lengths, please contact us

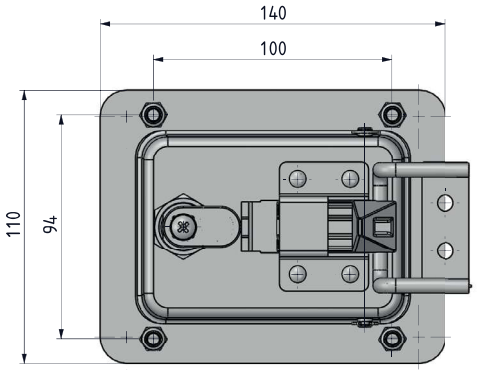
PUSH-TO-CLOSE LOCK

016



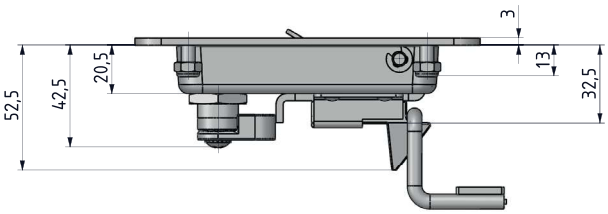
RoHS

IP 54



- Slam-shut operation; brass cam
- Can be opened from inside by moving cam

MATERIAL
Stainless Steel (AISI 304)



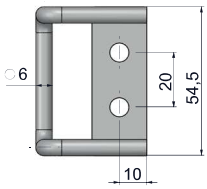
CAM STRIKING PLATE

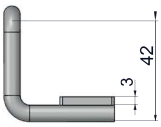
016 A740

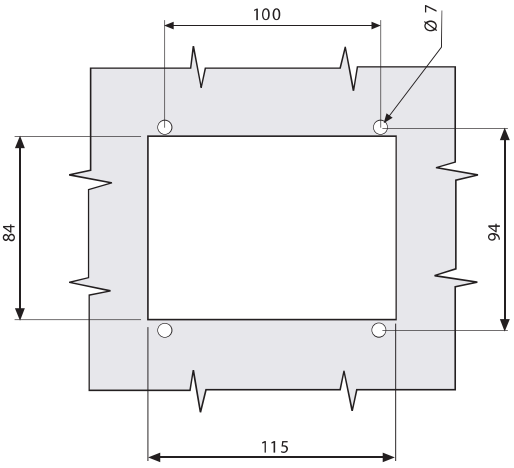


- Striking plate. Custom sizes available

MATERIAL
Stainless Steel (AISI 304)







Cut out

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

Group Code	Material	Finish	Cylinder	Version
016	4	0	DD	1

For other materials please check: page 90

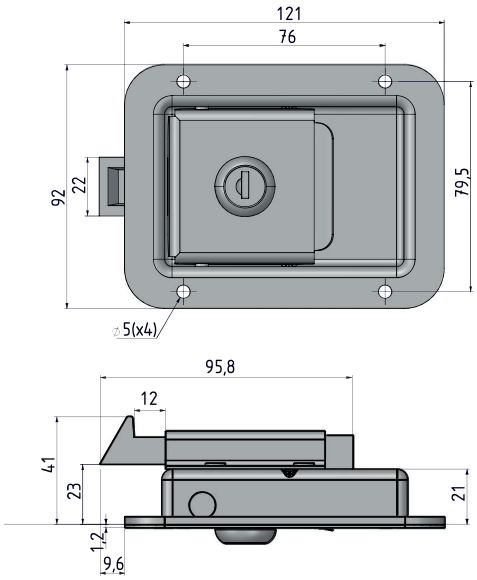
tel | +90 212 721 44 44 fax | +90 212 721 44 45

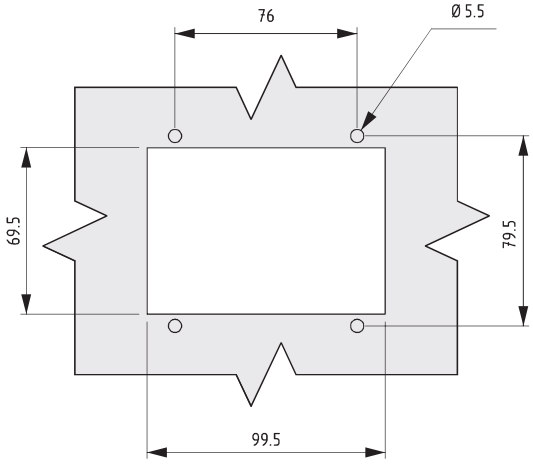
416 PUSH-TO-CLOSE LOCK



- Slam-shut operation
- Can be opened from inside by moving cam

MATERIAL
Stainless Steel (AISI 304)





Cut out

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

Group Code	Material	Finish	Cylinder
416	4	0	DD

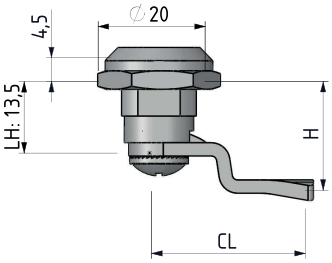
MINI QUARTER TURN – SPRING LOADED

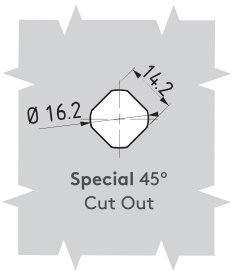
266



NEW

RoHS





- Specially designed internal spring provides 1.5 mm of compression
- IP 66 (Nema 4), optional

MATERIAL
Stainless Steel (AISI 3.....)

Note: For different drivers please contact Essentra Components

For other materials please check: page 233

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

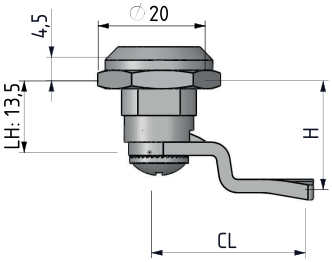
Group Code	Material	Finish	Driver No	Cam
266	4	0	DD	CC

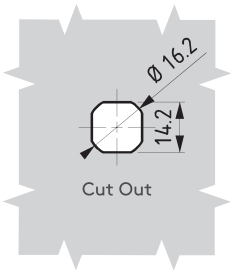
MINI QUARTER TURN – SPRING LOADED

066



RoHS





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

MATERIAL
Stainless Steel (AISI 3.....)



Application key code: 267

MATERIAL
Zamak DIN-EN 1774-ZnAl4Cu1

FINISH
Chrome plated

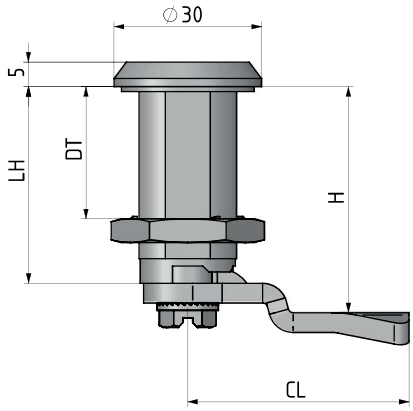
For other materials please check: page 232

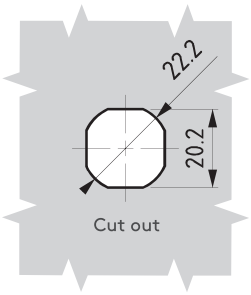
6 mm Square	7 mm Triangular	Slot
DD 26	DD 37	DD 42

Group Code	Material	Finish	Driver No	Cam
066	4	0	DD	CC

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064 QUARTER TURN – SPRING LOADED





RoHS

IP 65

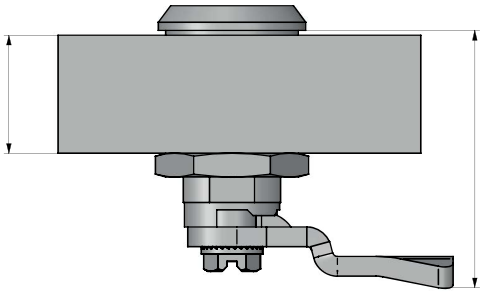


D T	LH
30	40
40	50
50	60

- Specially designed internal spring provides 1.5 mm of compression
- IP 66 (Nema 4), optional

MATERIAL
Stainless Steel (AISI 3.....)

Note: For different drivers please contact Essentra Components



DT
DOOR THICKNESS

LH
HOUSING LENGTH

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	

For other materials please check: page 223

Group Code	Material	Finish	Driver No	Door Thickness	Cam
064	4	0	DD	DT	CC

For cams please check page: 174

For keys please check pages: 189 - 191

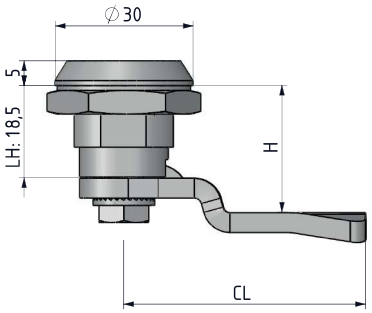
QUARTER TURN – SPRING LOADED

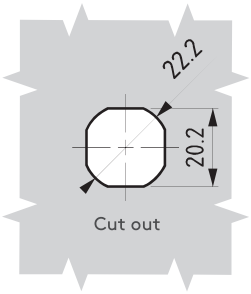
060



RoHS

IP 65





- Specially designed internal spring provides 1.5 mm of compression
- IP 66 (Nema 4), optional

MATERIAL
Stainless Steel (AISI 3.....)

Note: For different drivers please contact Essentra Components

For cams please check page: 174

For keys please check pages: 189 - 191

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	

Group Code	Material	Finish	Driver No	Cam
060	4	0	DD	CC

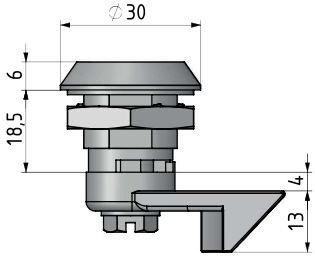
QUARTER TURN – SPRING CAM

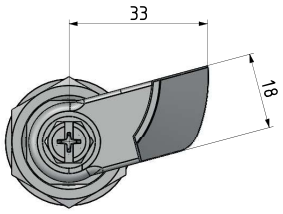
160

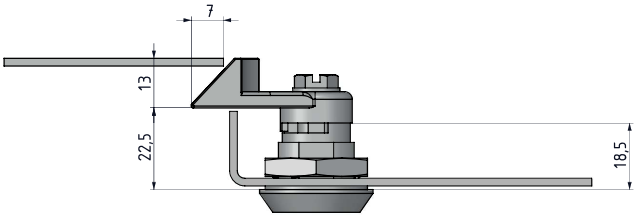


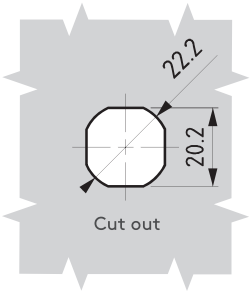
NEW

RoHS









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

MATERIAL
Stainless Steel (AISI 3.....)

For other materials please check: page 216

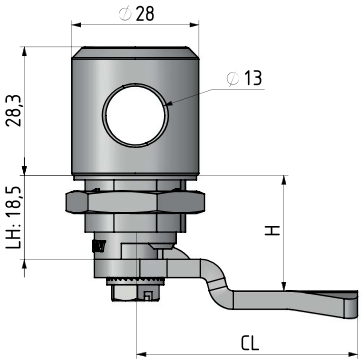
Group Code	Material	Finish	Driver No	Door Direction
160	4	0	DD	

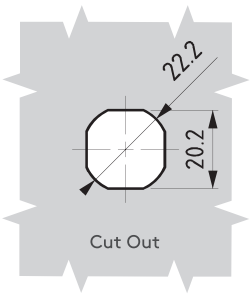
DOOR DIRECTION	
Right hand	001
Left hand	002

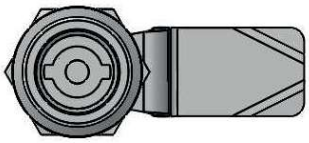
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260

QUARTER TURN – PADLOCKABLE







NEW

RoHS

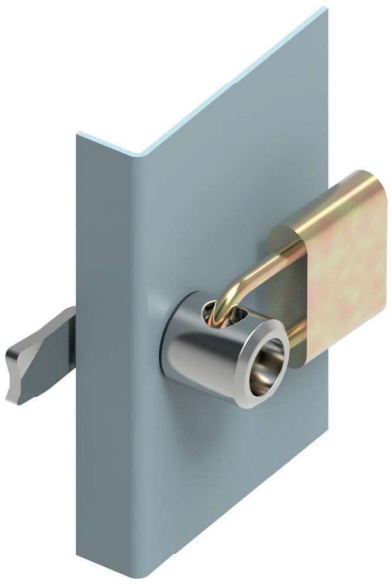
IP 65



- Padlockable version
- Can be used with different drivers

MATERIAL
Stainless Steel (AISI 3.....)

Application 1



Application 2



MATERIAL	M	FINISH	F
Zamak	1	Chrome plated	1
		Black coated	2

Group Code	Housing		Driver		Driver No	Cam
260	4	0	4	0	DD	CC

For other materials please check: page 217

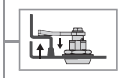
For cams please check pages: 170 - 171
For drivers please check page: 458
For keys please check pages: 189 - 191

MINI COMPRESSION LOCK — 140

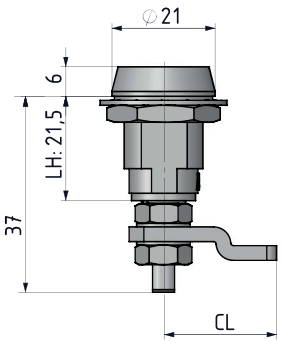


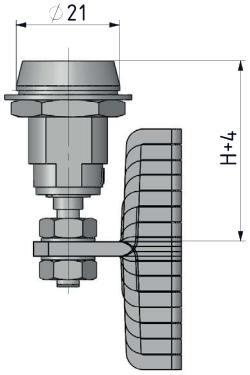
RoHS

IP 65





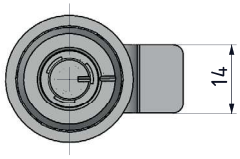


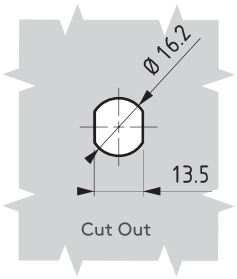


- Used for cabinets that require better sealing under vibrating conditions
- 4 mm compression ratio
- Provides noise isolation
- Driver and cam alternatives available

MATERIAL
HOUSING: Stainless Steel (AISI 316)
DRIVER: Stainless Steel (AISI 316)
CAM: Stainless Steel (AISI 304)
NUT: Stainless Steel (AISI 30

For other materials please check: 228





CAM	STOCK CODE	CC	CH	CL	H GRİP MIN	H GRİP MAX
1	30405735Y	01	0	23	26.2	29.4
2	30405740Y	02	1	23	25.2	28.4
3	30405608Y	03	3.8	23	22.4	25.6
4	30405609Y	04	7	23	19.2	22.4
5	30405610Y	05	10.2	23	16	19.2
6	30405611Y	06	13.4	23	12.8	16
7	30405749Y	07	16.6	23	9.6	12.8
8	30405613Y	08	19.8	23	6.4	9.6
9	30405748Y	09	23	23	3.2	6.4

DRIVERS

Tubular key

DD 93



4 mm Hexagon

DD 64



Slot

DD 45



DUST CAP — 140 A1



(Order separately)

MATERIAL : Polyurethane

Group Code	Material	Finish	Driver No	Cam
140	4	0	DD	CC

For keys please check pages: 189 - 191

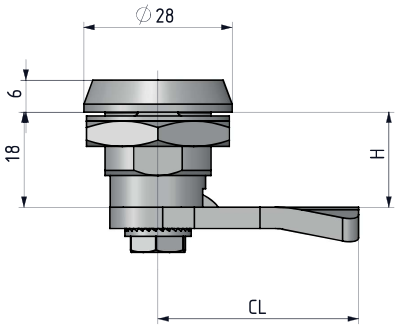
tel | +90 212 721 44 44 fax | +90 212 721 44 45

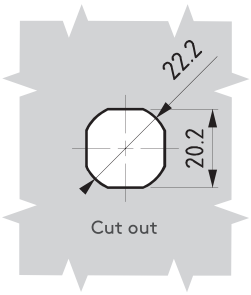
1060 QUARTER TURN – SPRING LOADED

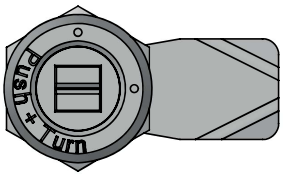


RoHS

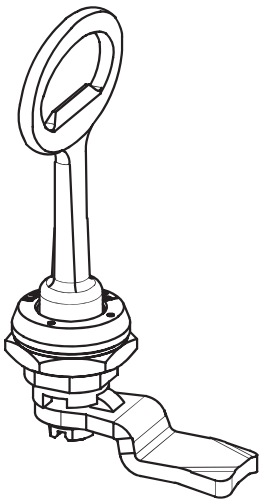
IP 65



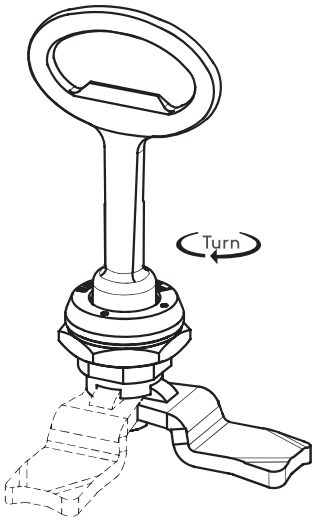




Push



Locked position



Unlock position

- Vibration proof quarter turn
- Opening the lock only possible by pushing and rotating the driver by the key

MATERIAL

HOUSING: Stainless Steel (AISI 316)
DRIVER: Stainless Steel (AISI 316)
CAM: Stainless Steel (AISI 304)
NUT: Stainless Steel (AISI 304)

Note: For different drivers please contact Essentra Components

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	

Group Code	Material	Finish	Driver No	Cam	Door Direction
1060	4	0	DD	CC	

DOOR DIRECTION	
Right hand	001
Left hand	002

For cams please check page: 174
For keys please check pages: 189 - 191

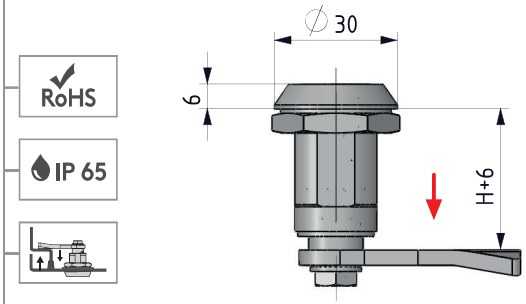
COMPRESSION LOCK

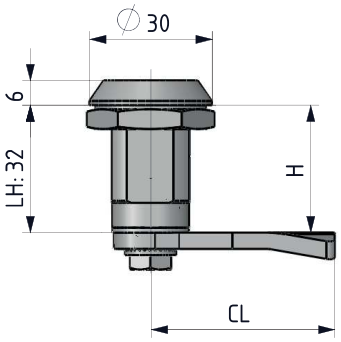
040



RoHS

IP 65





- Used for cabinets that require better sealing under vibrating conditions
- Provides 6 mm of compression
- Provides noise isolation
- Different drivers/cams available
- Standard cams without stopper required for these locks
- The lock has been tested according to the DIN EN 61373 Category 1-B for vibration and shock.
- Working Temprature Range: -50/+80 C
  M22 Nut :
  should be fixed with 60 Nm
  M10 Nut:
  should be fixed with 10 Nm
- Threadlocker is applied to the nut threads to get extra fastness against vibration and shock
- Max load capacity: 562 N

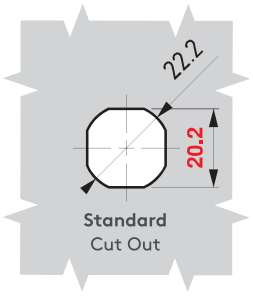
MATERIAL

HOUSING:	Stainless Steel (AISI 316)
DRIVER:	Stainless Steel (AISI 316)
CAM:	Stainless Steel (AISI 304)
NUT:	Stainless Steel (AISI 304)

Note: For different drivers please contact Essentra Components

For other materials please check: page 226

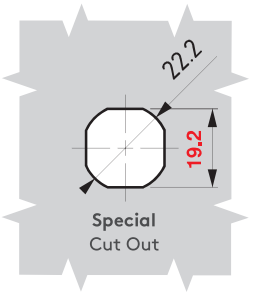
V: 7



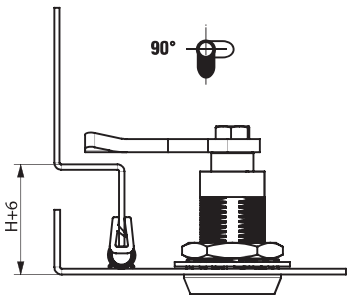
Standard Cut Out

Attention

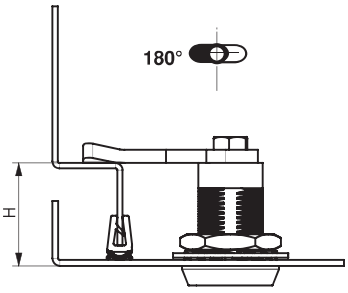
V: 8



Special Cut Out



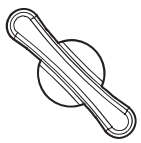
The first 90° of key rotation turns the cam to locking position



Further key rotation 180° applies 6mm compression

DRIVERS

KNOB



DD 94

5 mm Double bit	Railway	8 mm Square	2X4 mm Slot
DD 15	DD 88	DD 28	DD 42

3 mm Double bit	7 mm Triangular	8 mm Triangular
DD 13	DD 37	DD 38

DOOR DIRECTION

Right hand	001
Left hand	002

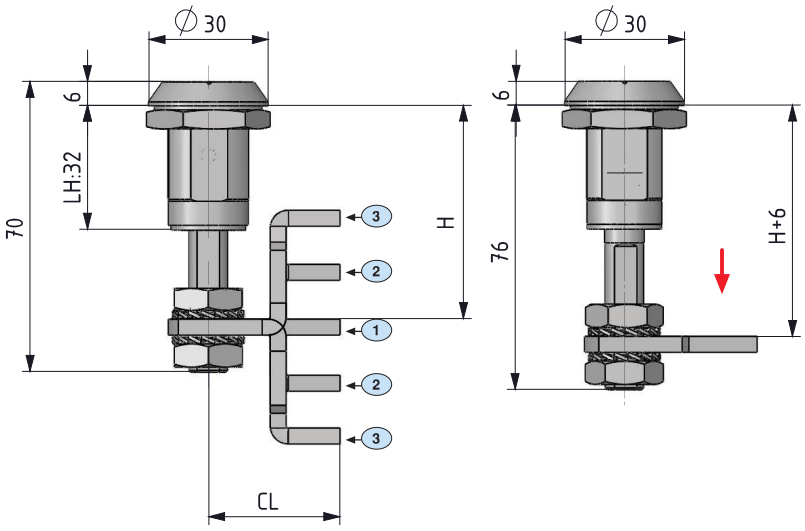
Group Code	Version	Material	Finish	Driver No	Cam	Door Direction
040	V	4	0	DD	CC	

For cams please check page: 174

For keys please check pages: 189 - 191

tel | +90 212 721 44 44 fax | +90 212 721 44 45

040 COMPRESSION LOCK



RoHS

IP 65

L

R

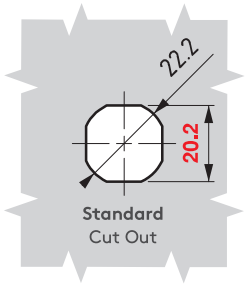


- Used for cabinets that require better sealing under vibrating conditions
- 6 mm of compression
- Wide grip range with adjustable screw
- Noise isolation
- Different drivers/cams available
- Three different cam alternatives available
- The lock has been tested according to the DIN EN 61373 Category 1-B for vibration and shock.
- Working Temprature Range: -50/+80 C
  M22 Nut :
  should be fixed with 60 Nm
  M10 Nut:
  should be fixed with 10 Nm
- Threadlocker is applied to the nut threads to get extra fastness against vibration and shock
- Max load capacity: 562 N

MATERIAL

HOUSING: Stainless Steel (AISI 316)
DRIVER: Stainless Steel (AISI 316)
CAM: Stainless Steel (AISI 304)
NUT: Stainless Steel (AISI 304)

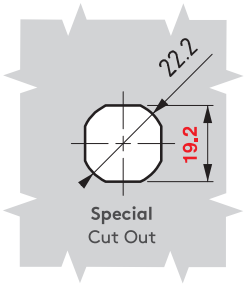
V: 5



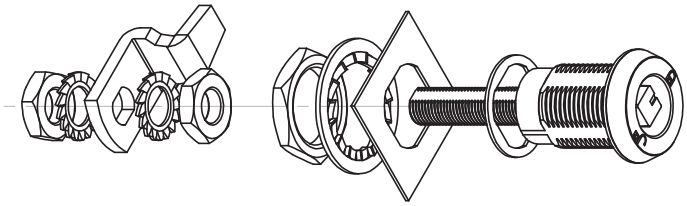
Standard Cut Out

Attention

V: 6



Special Cut Out



CAM	STOCK CODE	CC	CH	CL	POSITION	H GRİP MIN	H GRİP MAX
1	30405565Y	01	0	33	Flat	41	58
2	30405566Y	02	14	33	Up	27	44
					Down	55	72
3	30405567Y	03	27,5	33	Up	13,5	30,5
					Down	68	85

DOOR DIRECTION	
Right hand	001
Left hand	002

Note: For different drivers please contact Essentra Components

Group Code	Version	Material	Finish	Driver No	Cam	Door Direction
040	V	4	0	DD	CC	

For other materials please check: page 227

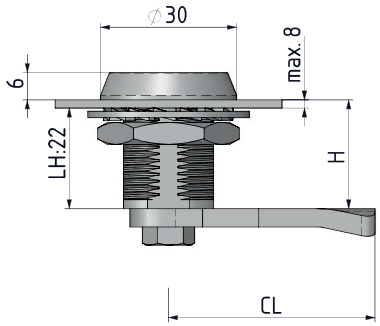
COMPRESSION LOCK 540

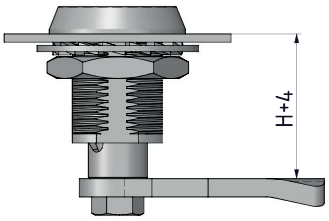
SHORT HOUSING



RoHS

IP 65



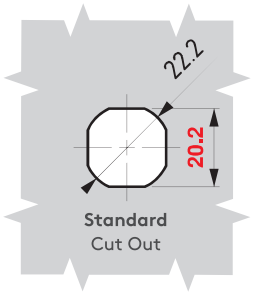


- Used for cabinets that require better sealing under vibrating conditions
- Provides 4 mm of compression
- Provides noise isolation
- Different drivers/cams available
- Standard cams without stopper required for these locks
- The lock has been tested according to the DIN EN 61373 Category 1-B for vibration and shock.
- Working Temprature Range: -50/+80 C
  M22 Nut :
  should be fixed with 60 Nm
  M10 Nut:
  should be fixed with 10 Nm
  Threadlocker is applied to the nut threads to get extra fastness against vibration and shock
- Max load capacity: 562 N

MATERIAL

HOUSING:	Stainless Steel (AISI 316)
DRIVER:	Stainless Steel (AISI 316)
CAM:	Stainless Steel (AISI 304)
NUT:	Stainless Steel (AISI 304)

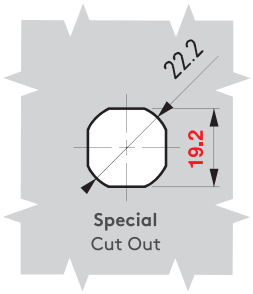
V: 1



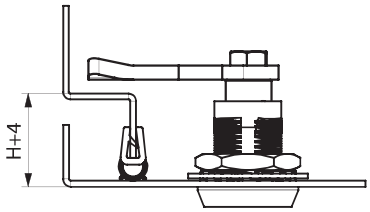
Standard Cut Out

Attention

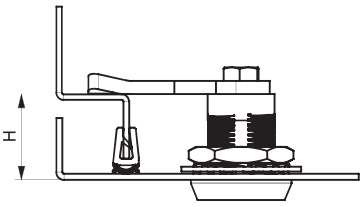
V: 3



Special Cut Out



The first 90° of key rotation turns the cam to locking position



Further key rotation 180° applies 4 mm compression

DRIVERS

3 mm Double bit	5 mm Double bit	Railway	8 mm Square	2X4 mm Slot
DD 13	DD 15	DD 88	DD 28	DD 42

7 mm Triangular	8 mm Triangular
DD 37	DD 38

DOOR DIRECTION	
Right hand	001
Left hand	002

Note: For different drivers please contact Essentra Components

Group Code	Version	Material	Finish	Driver No	Cam	Door Direction
540	V	4	0	DD	CC	

For cams please check pages: 174

For keys please check pages: 189 - 191

tel | +90 212 721 44 44 fax | +90 212 721 44 45

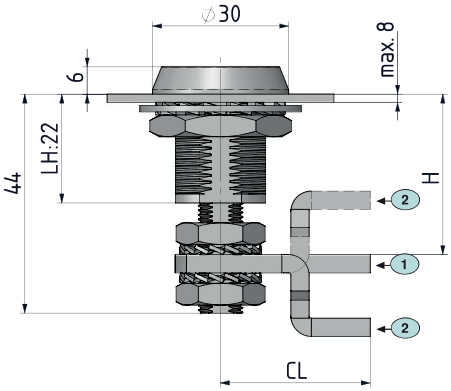
540 COMPRESSION LOCK

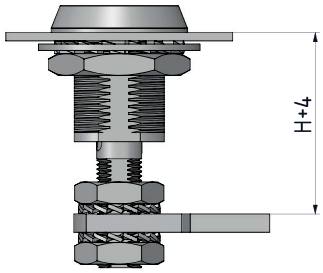
SHORT HOUSING



RoHS

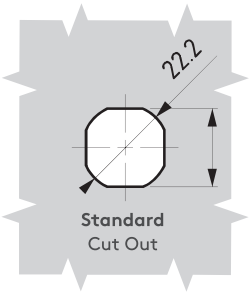
IP 65





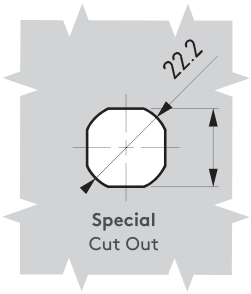
- Used for cabinets that require better sealing under vibrating conditions
- 4 mm of compression
- Wide grip range with adjustable screw
- Noise isolation
- Different drivers/cams available
- Three different cam alternatives available
- The lock has been tested according to the DIN EN 61373 Category 1-B for vibration and shock.
- Working Temprature Range: -50/+80 C
  M22 Nut :
  should be fixed with 60 Nm
  M10 Nut:
  should be fixed with 10 Nm
- Threadlocker is applied to the nut threads to get extra fastness against vibration and shock
- Max load capacity: 562 N

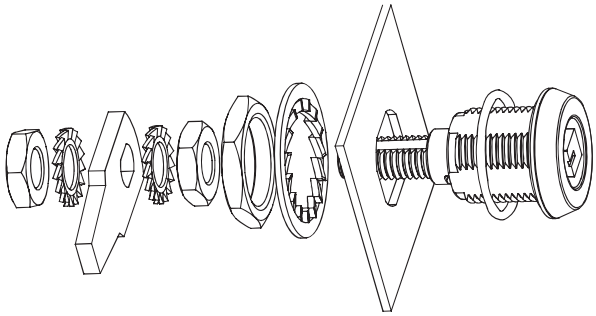
V: 2



Attention

V: 4





MATERIAL

HOUSING: Stainless Steel (AISI 316)
DRIVER: Stainless Steel (AISI 316)
CAM: Stainless Steel (AISI 304)
NUT: Stainless Steel (AISI 304)

CAM	CC	CH	CL	H GRIP MIN	H GRIP MAX
1	01	0	33	28	38
2	02	14	33	14	52

DOOR DIRECTION	
Right hand	001
Left hand	002

Note: For different drivers please contact Essentra Components

Group Code	Version	Material	Finish	Driver No	Cam	Door Direction
540	V	4	0	DD	CC	

For keys please check pages: 189 - 191

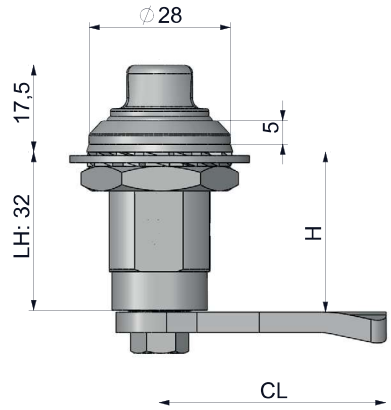
HYGIENIC COMPRESSION LOCK

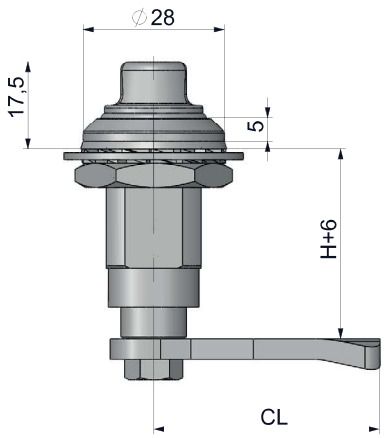
440



RoHS

IP69K



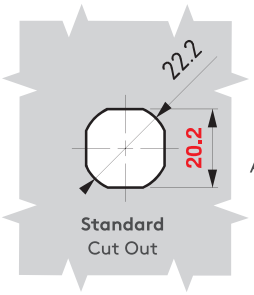


- Dirt resistant and easy to clean
- Specially designed for hygiene requirements
- Used for cabinets that require better sealing under vibrating conditions
- 6 mm of compression
- Noise isolation
- Different drivers/cams available
- The lock has been tested according to the DIN EN 61373 Category 1-B for vibration and shock.
- The lock has been tested according to the GS-NV 6:2015/12 for hygiene requirements
- Working Temprature Range: -50/+80 C
  M22 Nut :
  should be fixed with 60 Nm
  M10 Nut:
  should be fixed with 10 Nm
- Threadlocker is applied to the nut threads to get extra fastness against vibration and shock
- Max load capacity: 562 N

MATERIAL

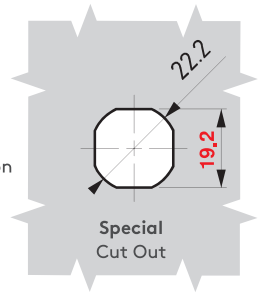
HOUSING:	Stainless Steel (AISI 316)
DRIVER:	Stainless Steel (AISI 316)
CAM:	Stainless Steel (AISI 304)
NUT:	Stainless Steel (AISI 304)
ORING:	Silicone

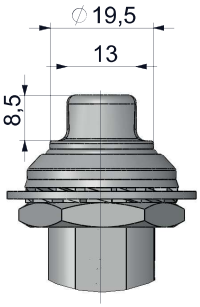
V: 1



Attention

V: 3









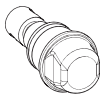
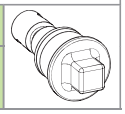
METAL KEY

368-94



MATERIAL & FINISH
Zamak DIN-EN 1774-ZnAl4Cu1
Chrome plated

DRIVERS

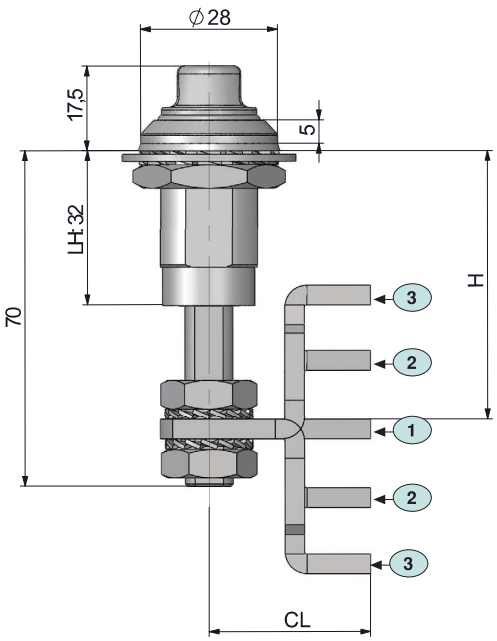
Special		8 mm Square	
DD		DD	
99		28	

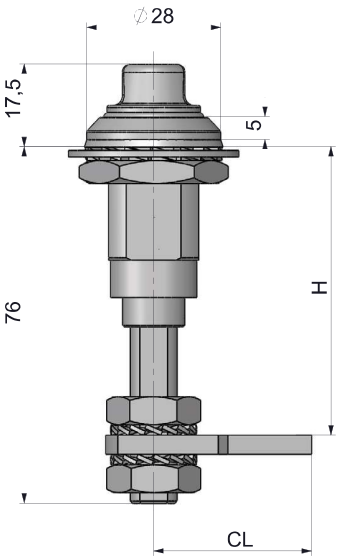
DOOR DIRECTION

Right hand	001
Left hand	002

Group Code	Version	Material	Finish	Driver No	Cam	Door Direction
440	V	4	0	DD	CC	

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440

HYGIENIC COMPRESSION LOCK

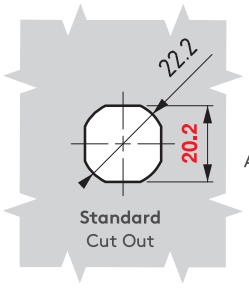


- Dirt resistant and easy to clean
- Specially designed for hygiene requirements
- Used for cabinets that require better sealing under vibrating conditions
- 6 mm of compression
- Wide grip range with adjustable screw
- Noise isolation
- Different drivers/cams available
- Three different cam alternatives available
- The lock has been tested according to the DIN EN 61373 Category 1-B for vibration and shock.
- The lock has been tested according to the GS-NV 6:2015/12 for hygiene requirements
- Working Temprature Range: -50/+80 C
  M22 Nut :
  should be fixed with 60 Nm
  M10 Nut:
  should be fixed with 10 Nm
- Threadlocker is applied to the nut threads to get extra fastness against vibration and shock
- Max load capacity: 562 N

MATERIAL

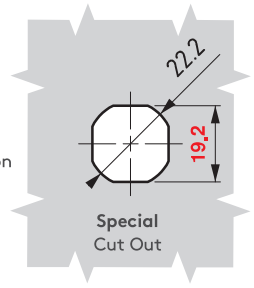
HOUSING:	Stainless Steel (AISI 316)
DRIVER:	Stainless Steel (AISI 316)
CAM:	Stainless Steel (AISI 304)
NUT:	Stainless Steel (AISI 304)
ORING:	Silicone

V: 2

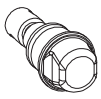


Attention

V: 4

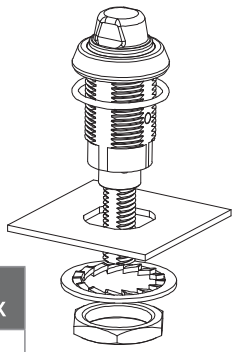


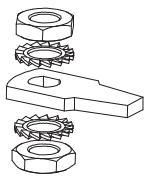
DRIVERS

Special		8 mm Square	
DD		DD	
99		28	

DOOR DIRECTION

Right hand	001
Left hand	002





CAM	STOCK CODE	CC	CH	CL	POSITION	H GRİP MIN	H GRİP MAX
1	30405565Y	01	0	33	Flat	41	58
2 	30405566Y	02	14	33	Up	27	44
					Down	55	72
3 	30405567Y	03	27,5	33	Up	13,5	30,5
					Down	68	85

Group Code	Version	Material	Finish	Driver No	Cam	Door Direction
440	V	4	0	DD	CC	

For cams please check pages: 174

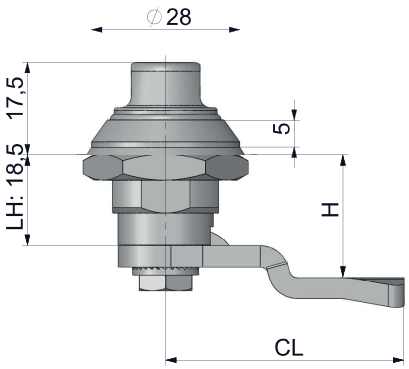
HYGIENIC LOCK

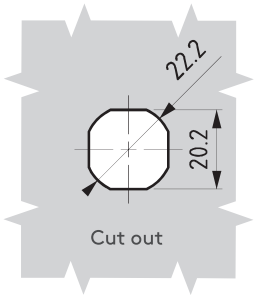
460



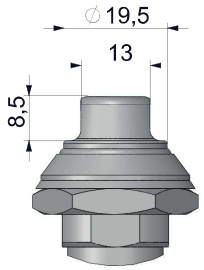
RoHS

IP69K





- Dirt resistant and easy to clean
- The lock has been tested according to the GS-NV 6:2015/12 for hygiene requirements
- Specially designed for hygiene requirements



MATERIAL

HOUSING:	Stainless Steel (AISI 316)
DRIVER:	Stainless Steel (AISI 316)
CAM:	Stainless Steel (AISI 304)
ORING:	Silicone



METAL KEY

368-94





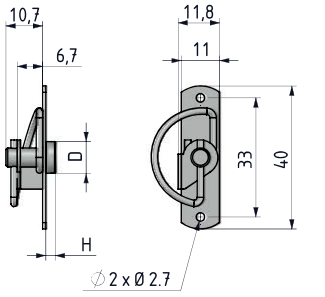
MATERIAL
Zamak DIN-EN 1774-ZnAl4Cu1

FINISH
Chrome plated

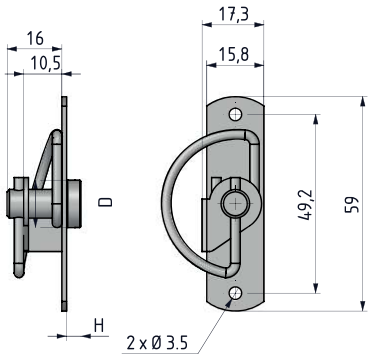
Group Code	Material	Finish	Cam
460	4	0	CC

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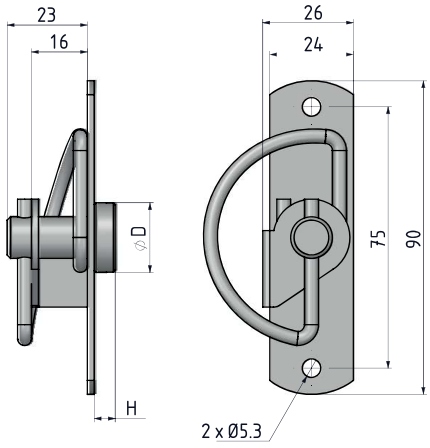
045 COMPRESSION - SPRING LATCH



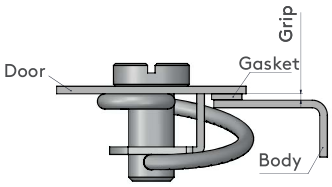
Small



Medium



Large









- Fix small panels to frame with ease
- Quarter-turn locking
- Easy assembly
- For doors with a bend of 24 mm

MATERIAL

BODY:	Stainless steel
DRIVER:	Stainless steel
SPRING:	Stainless steel

For other materials please check: page 229

DRIVERS				
V	DD	Driver name	D∅	H
1	12	Slot - Small	10	3
	13	Knurled - Small	10.5	12
2	21	Hexagon Female 4 mm	12	3.5
	22	Slot - Medium	12	3.5
	23	Knurled - Small	13	17.5
3	31	Hexagon Female 8 mm	20	6
	32	Slot - Large	20	5



Hexagon Female



Slot



Knurled

CAMS		
CC	Cam name	VERSION
41	Smooth Spring - Small	1
42	Smooth Spring - Medium	2
52	Serrated Spring - Medium	2
43	Smooth Spring - Large	3
53	Serrated Spring - Large	3

VERSIONS	
V	Product
1	Small Spring Latch
2	Medium Spring Latch
3	Large Spring Latch

Group Code	Version	Material	Finish	Driver No	Cam
045	V	4	0	DD	CC

PADLOCKABLE - 'L' HANDLE 211

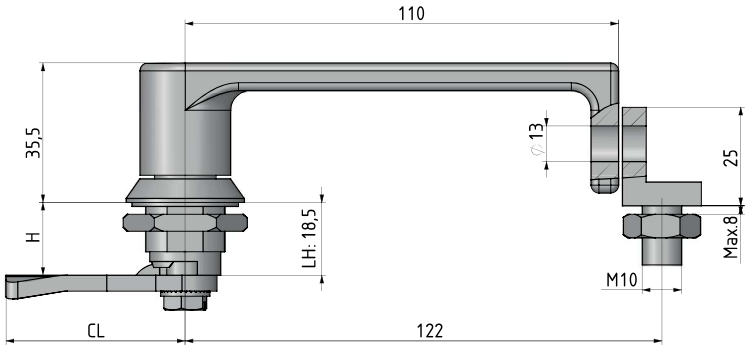


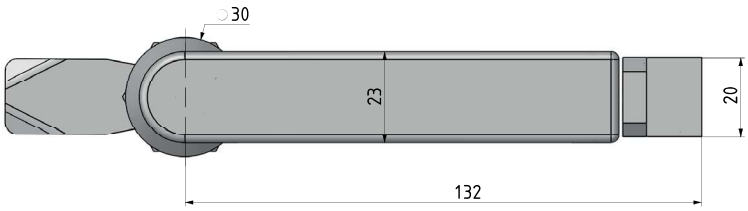
RoHS

IP 65











- Padlockable stainless steel lock can be used for outdoor enclosures.
- Suitable for hygenic cabinets and electrical enclosures.

MATERIAL

HOUSING: Stainless Steel (AISI 316)
HANDLE: Stainless Steel (AISI 316)
CAM: Stainless Steel (AISI 304)
NUT: Stainless Steel (AISI 304)

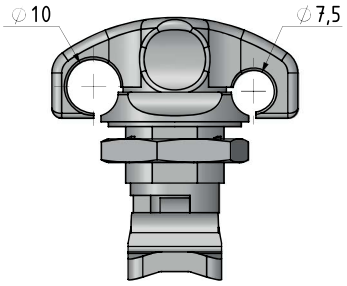


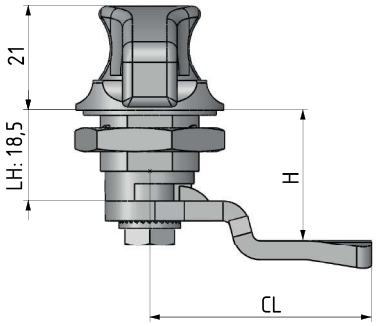
Group Code	Material	Finish	Cam
211	4	0	CC

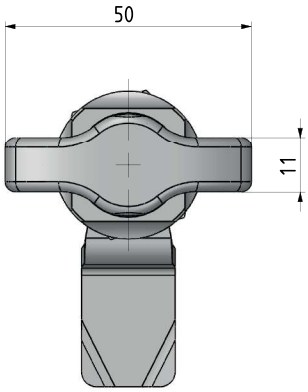
For cams please check page: 174

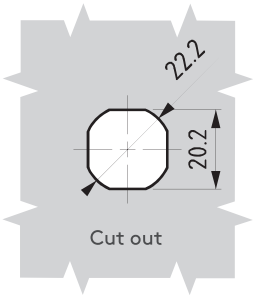
tel | +90 212 721 44 44 fax | +90 212 721 44 45

562 PADLOCKABLE WING KNOB













- Shackle diameter is
  Max. 9 mm for 10 mm hole
  Min. 7.5 mm 10 mm hole
- Shackle diameter is
  Max. 6 mm for 7.5 mm hole
  Min. 5 mm 7.5 mm hole

MATERIAL

HOUSING:	Stainless Steel (AISI 316)
KNOB:	Stainless Steel (AISI 316)
CAM:	Stainless Steel (AISI 304)
NUT:	Stainless Steel (AISI 304)

Group Code	Material	Finish	Cam
562	4	0	CC

For cams please check page: 174

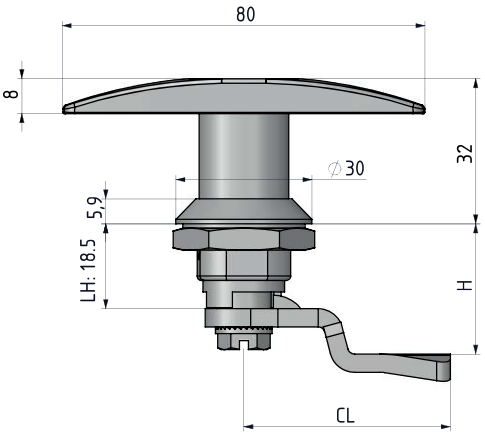
QUARTER TURN – T HANDLE

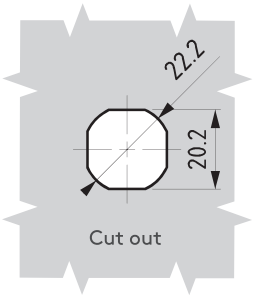
110



RoHS

IP 65





- Quarter-turn operation
- Stainless steel

MATERIAL

HOUSING:	Stainless Steel (AISI 316)
HANDLE:	Stainless Steel (AISI 316)
CAM:	Stainless Steel (AISI 304)
GASKET:	Rubber



No cylinder '00'



CYLINDER	SPECIFICATIONS	DD
	No cylinder	00
	Keyed alike	01
	Keyed differ	02
	Euro key (5333)	05
	CH751 (Stainless steel dust cap)	07

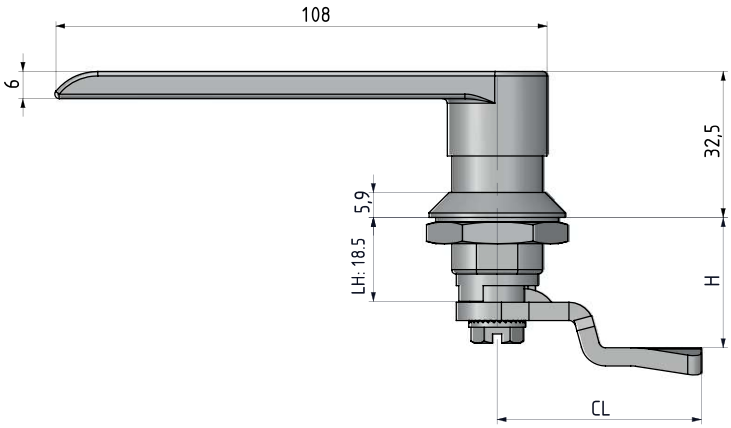
Group Code	Material	Finish	Cylinder	Cam
110	4	0	DD	CC

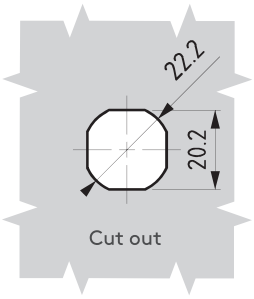
For other materials please check: page 254

For cams please check page: 174

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111 QUARTER TURN – L HANDLE









- Quarter-turn operation
- Stainless steel

MATERIAL

HOUSING:	Stainless Steel (AISI 316)
HANDLE:	Stainless Steel (AISI 316)
CAM:	Stainless Steel (AISI 304)
GASKET:	Rubber



No cylinder '00'

CYLINDER	SPECIFICATIONS	DD
	No cylinder	00
	Keyed alike	01
	Keyed differ	02
	Euro key (5333)	05
	CH751 (Stainless steel dust cap)	07

Group Code	Material	Finish	Cylinder	Cam
111	4	0	DD	CC

For other materials please check: page 255

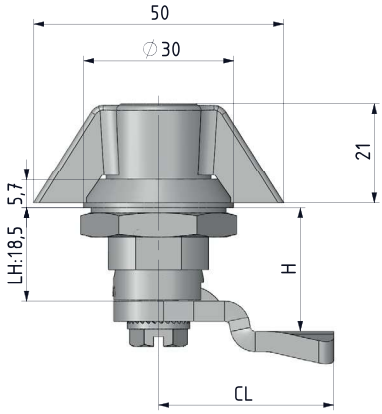
For cams please check page: 174

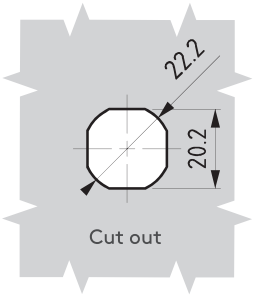
QUARTER TURN -WING KNOB 065



RoHS

IP 65





- Quarter turn operation
- All in stainless steel

MATERIAL

HOUSING:	Stainless Steel (AISI 316)
KNOB:	Stainless Steel (AISI 316)
CAM:	Stainless Steel (AISI 304)
GASKET:	Rubber





No cylinder '00'

For other materials please check: page 252

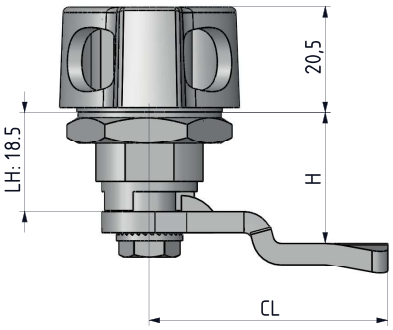
CYLINDER	SPECIFICATIONS	DD
	No cylinder	00
	Keyed alike	01
	Keyed differ	02
	Euro key (5333)	05
	CH751 (Stainless steel dust cap)	07

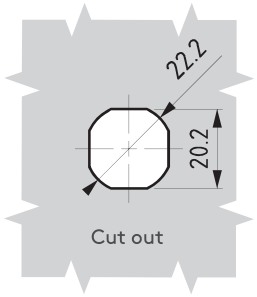
Group Code	Material	Finish	Cylinder	Cam
065	4	0	DD	CC

For cams please check page: 174

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265 PADLOCKABLE WING KNOB









- Padlockable wing knob. Maximum shackle diameter 6 mm.
- All in Stainless steel

MATERIAL

HOUSING:	Stainless Steel (AISI 316)
KNOB:	Stainless Steel (AISI 316)
CAM:	Stainless Steel (AISI 304)
GASKET:	Rubber

DOOR DIRECTION	
Right hand	001
Left hand	002

Group Code	Material	Finish	Cam	Door Direction
265	4	0	CC	

For cams please check page: 174

CAM LOCK

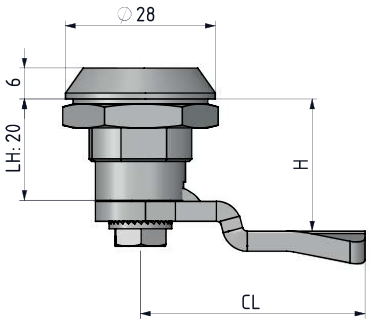
063

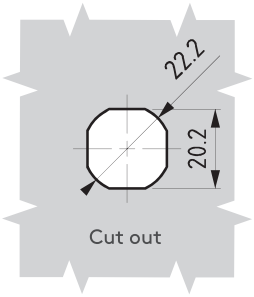


NEW

RoHS

IP 65





- Quarter turn operation
- All in stainless steel

MATERIAL

HOUSING:	Stainless Steel (AISI 316)
CAM:	Stainless Steel (AISI 304)
GASKET:	Rubber



For other materials please check:
page 249

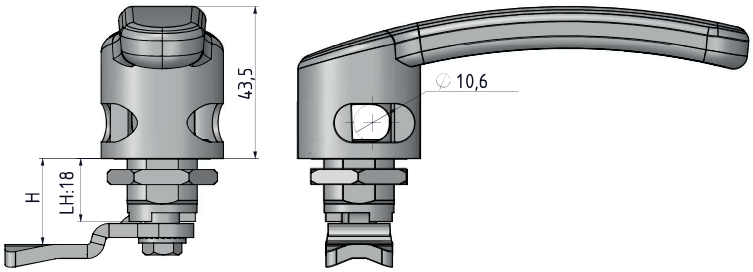
CYLINDER	SPECIFICATIONS	DD
	No cylinder	00
	Keyed alike	01
	Keyed differ	02
	Euro key (5333)	05
	CH751 (Stainless steel dust cap)	07

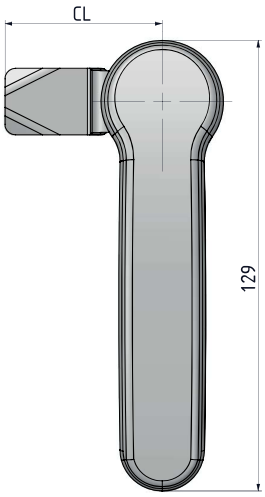
Group Code	Material	Finish	Cylinder	Cam
063	4	0	DD	CC

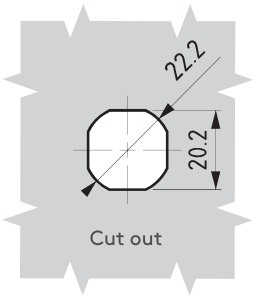
For cams please check page: 174

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411 PADLOCKABLE L HANDLE









NEW

RoHS

IP 65



- Padlockable L handle. Maximum shackle diameter 10 mm.
- All in Stainless steel

MATERIAL

HOUSING:	Stainless Steel (AISI 316)
HANDLE:	Stainless Steel (AISI 316)
CAM:	Stainless Steel (AISI 304)
GASKET:	Rubber

DOOR DIRECTION	
Right hand	001
Left hand	002

Group Code	Material	Finish	Cam	Door Direction
411	4	0	CC	

For cams please check page: 174

QUARTER TURN LOCK

860



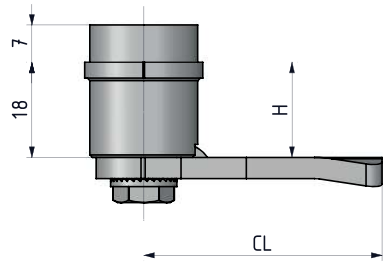
RoHS

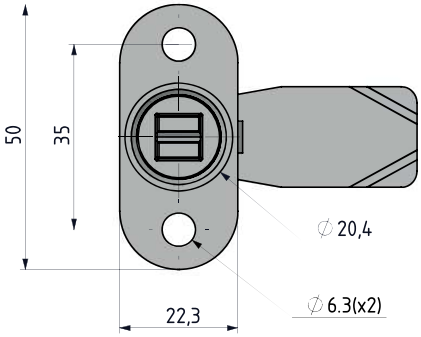
IP 65

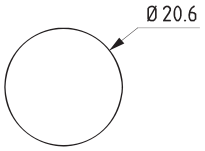
- Used for cabinets under vibration conditions
- Different driver alternatives are available

APPLICATIONS
Railway cabinets offroad applications

MATERIAL
HOUSING: Stainless Steel (AISI 316)
DRIVER: Stainless Steel (AISI 316)
CAM: Stainless Steel (AISI 304)







Cut out

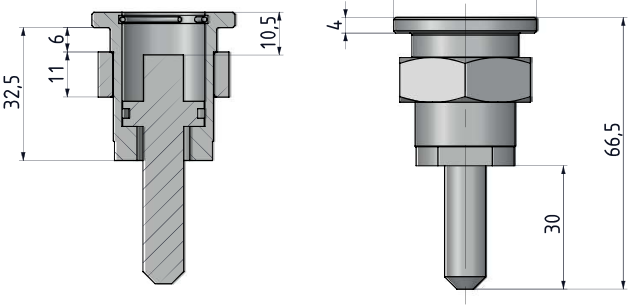


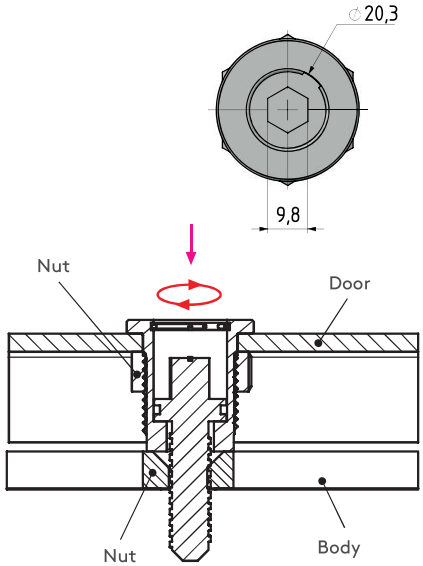
Group Code	Material	Finish	Driver No	Cam
860	4	0	DD	CC

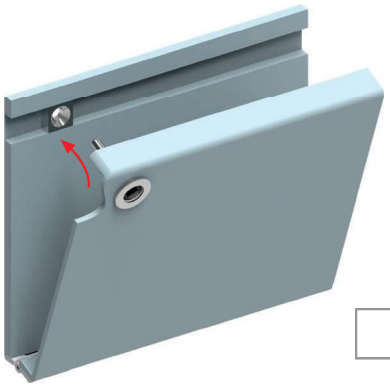
For cams please check page: 174
For keys please check pages: 189 - 191
For drivers please check pages: 458

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042 SCREW LOCK









- Used to lock railway cabinets

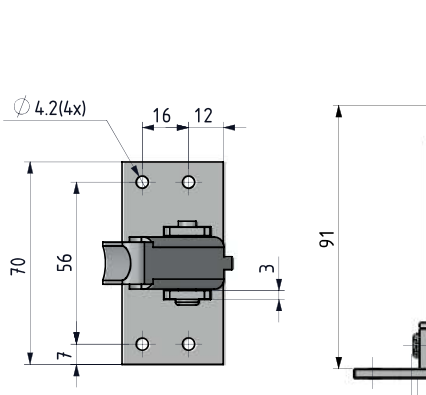
APPLICATIONS
Railway cabinets

MATERIAL

BODY:	Stainless Steel (AISI 316)
DRIVER:	Stainless Steel (AISI 316)
NUT:	Stainless Steel (AISI 304)

Group Code	Material	Finish
042	4	0

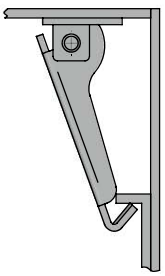
276 SAFETY LATCH





APPLICATIONS
Railway cabinets

MATERIAL
Stainless Steel



Group Code	Material	Finish
276	4	0

FAST FIND INDEX


482-483


484-485


486-487


488


489


490-491


492


493


494


495


496

NEW


497


498


498


499


500


500-502


501-503


504


505


506-507


508


509


510


511


512


512


513


513


514


515


516


355



STAINLESS STEEL PRODUCTS-
HINGES-ACCESSORIES

480-515

mesan
ESSENTRA COMPONENTS

CONCEALED HINGE

295

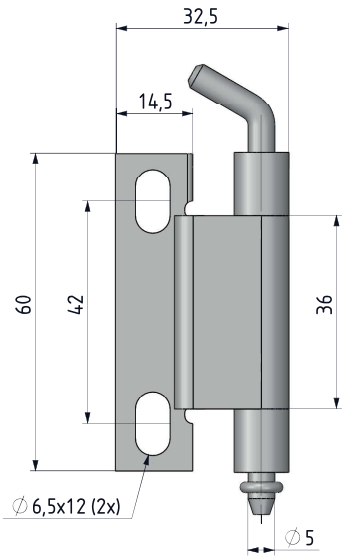


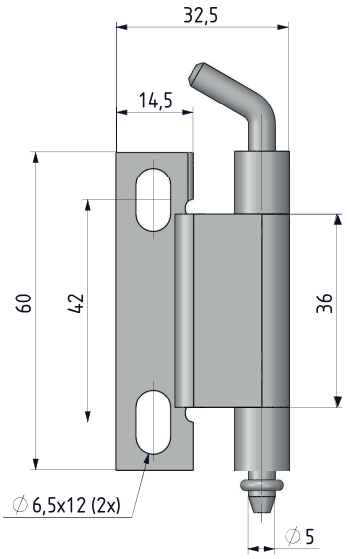
- For doors with a bend of between 20 mm and 24 mm
- Frame part is screwed on, door part is welded on
- Suitable for left- and right-hand application

MATERIAL
BODY: Stainless Steel (AISI 304)
PIN: Stainless Steel (AISI 303)

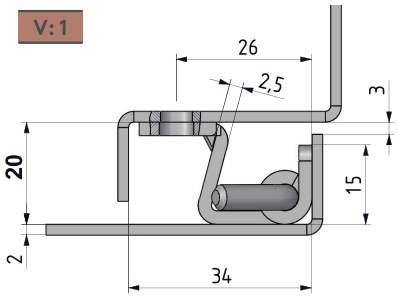
Hinge Rotation Angle



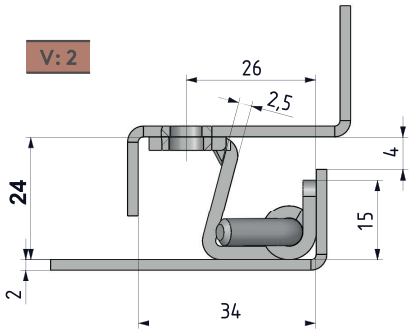




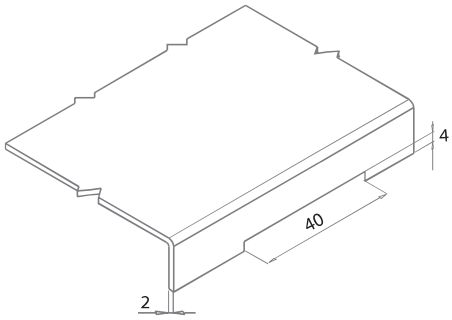
V:1



V:2









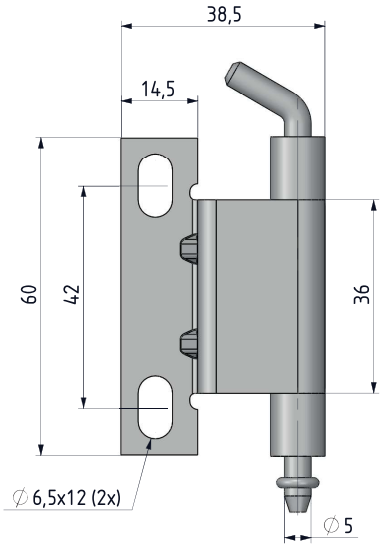
Group Code	Material	Finish	Version
295	4	0	V

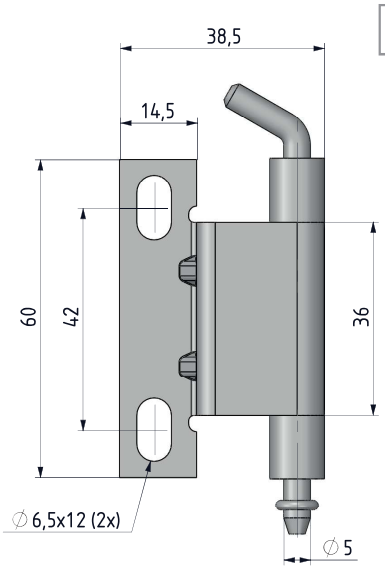
Note: Bolts are not supplied

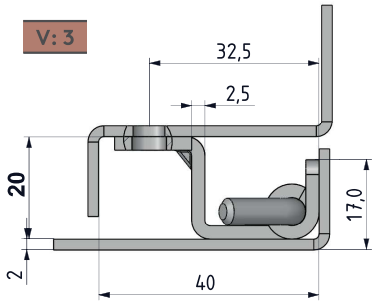
For other materials please check: page 314

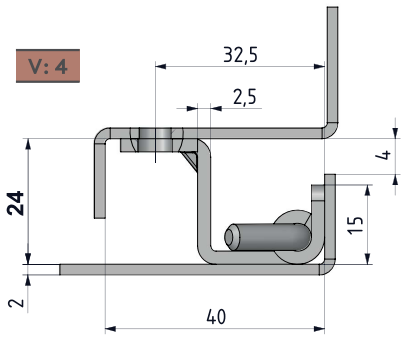
tel | +90 212 721 44 44 fax | +90 212 721 44 45

295 CONCEALED HINGE













Group Code	Material	Finish	Version
295	4	0	V



MATERIAL
BODY: Stainless Steel (AISI 304)
PIN: Stainless Steel (AISI 303)

Hinge Rotation Angle



Note: Bolts are not supplied

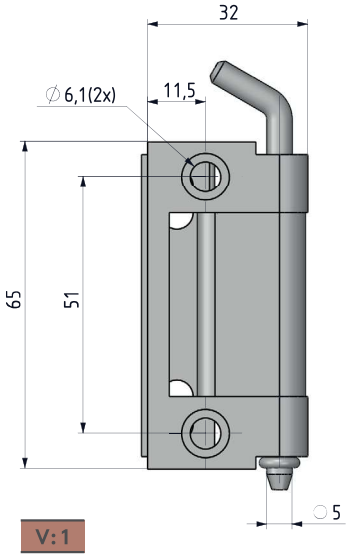
For other materials please check: page 315

CONCEALED HINGE

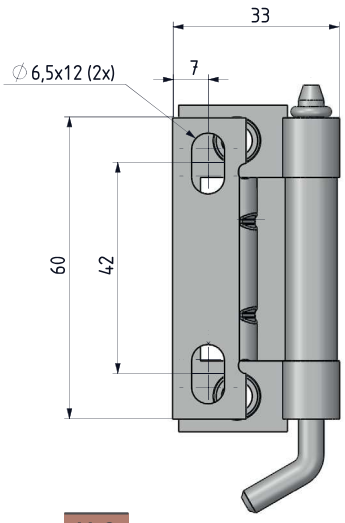
395



RoHS



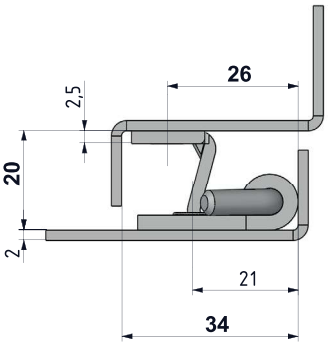
V: 1

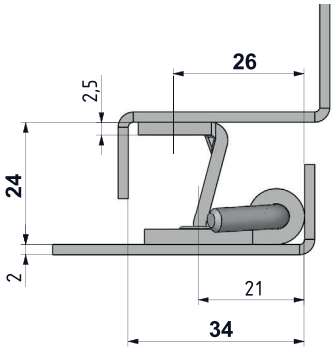


V: 2

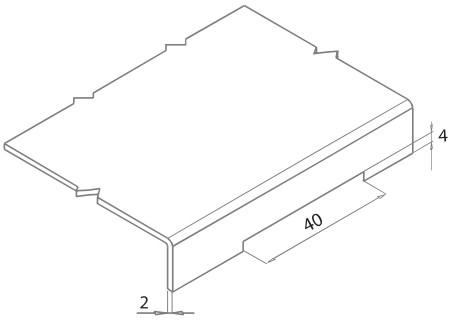
- For doors with a bend of between 20 mm and 24 mm
- Frame part screwed on, door part welded on
- Suitable for left- and right-hand applications

MATERIAL
BODY: Stainless Steel (AISI 304)
PIN: Stainless Steel (AISI 303)











Hinge Rotation Angle



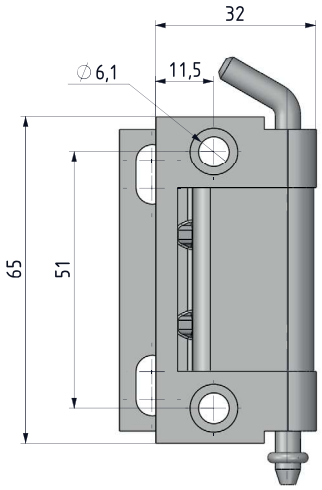
Note: Bolts are not supplied

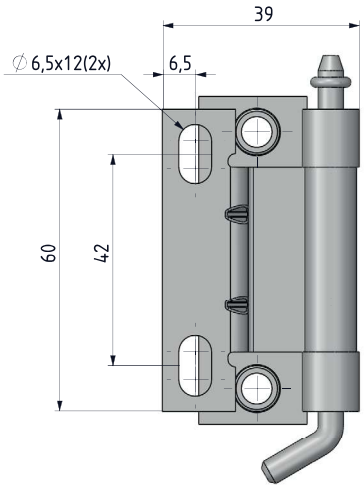
For other materials please check: page 316

Group Code	Material	Finish	Version
395	4	0	V

tel | +90 212 721 44 44 fax | +90 212 721 44 45

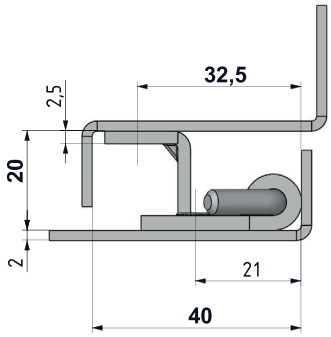
395 CONCEALED HINGE



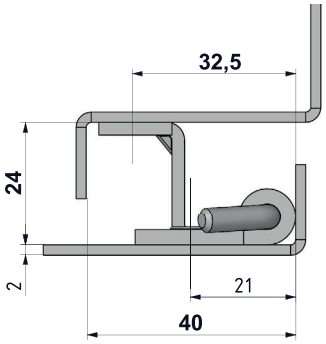




V: 3



V: 4



MATERIAL
BODY: Stainless Steel (AISI 304)
PIN: Stainless Steel (AISI 303)





Hinge Rotation Angle



Group Code	Material	Finish	Version
395	4	0	V

Note: Bolts are not supplied

For other materials please check: page 317

CONCEALED HINGE

695



- For doors with a bend of 18 mm
- Frame part screwed on, door part either welded on or screwed-on
- Suitable for left- and right-hand application

MATERIAL
BODY: Stainless Steel (AISI 304)
PIN: Stainless Steel (AISI 303)

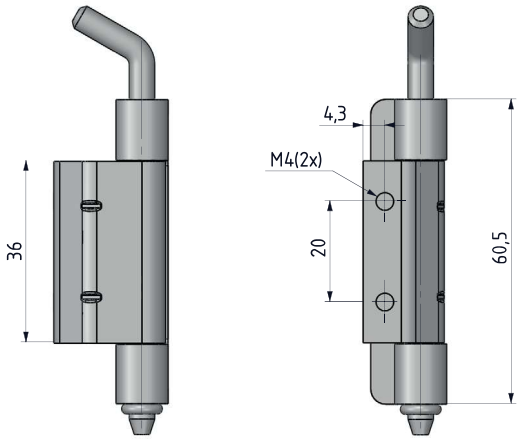
Hinge Rotation Angle

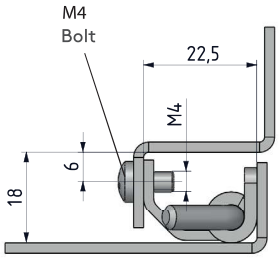


Note: Bolts are supplied

For other materials please check: page 318

V: 1





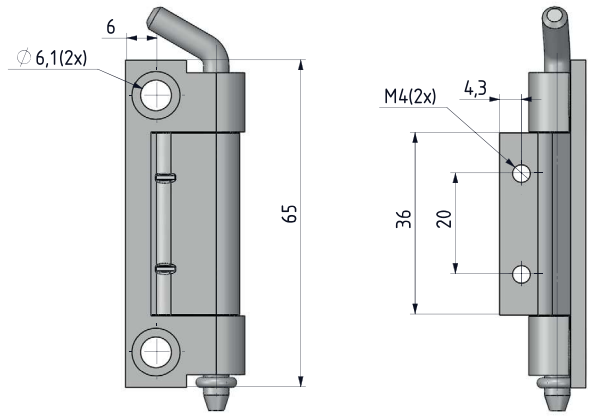


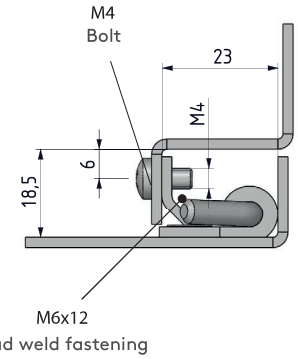
Group Code	Material	Finish	Version
695	4	0	1

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695 CONCEALED HINGE

V: 2









- For doors with a bend of 18.5 mm
- Frame part screwed on, door part mounted by nut to welded stud on door
- Suitable for left- and right-hand applications

MATERIAL
BODY: Stainless Steel (AISI 304)
PIN: Stainless Steel (AISI 303)

Hinge Rotation Angle



Group Code	Material	Finish	Version
695	4	0	2

Note: Bolts are supplied

For other materials please check: page 319

CONCEALED HINGE

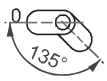
795



- For doors with a bend of 20 mm to fixed profiles
- Frame part screwed on, door part mounted by nut to welded stud on door
- Suitable for left- and right-hand applications

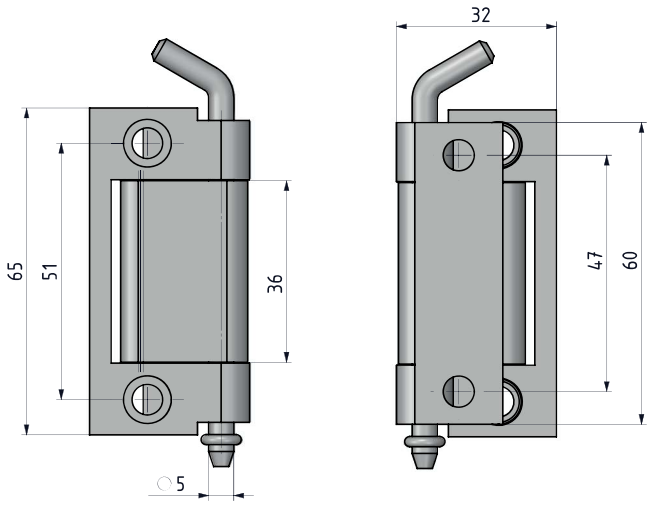
MATERIAL
BODY: Stainless Steel (AISI 304)
PIN: Stainless Steel (AISI 303)

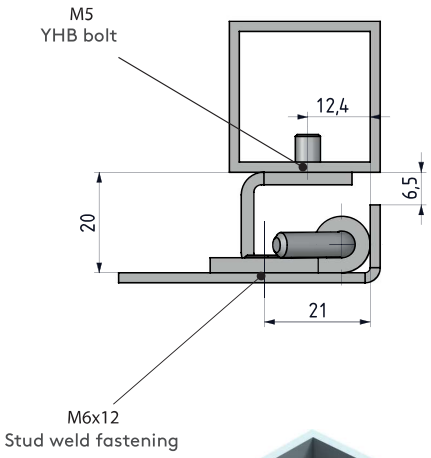
Hinge Rotation Angle



Note: Bolts are not supplied

For other materials please check: page 320







Group Code	Material	Finish
795	4	0

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289 CONCEALED HINGE

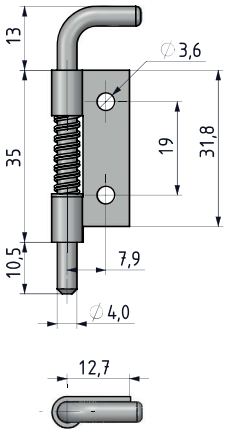
RoHS



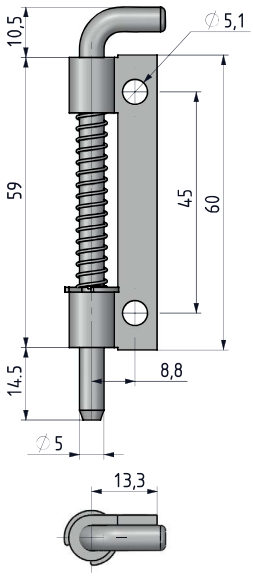
- For internally mounted doors
- Spring-loaded hinge for easy door removal
- Both versions either screwed or welded on
- Suitable for left- and right-hand applications

MATERIAL
BODY: Stainless Steel (AISI 304)
PIN: Stainless Steel (AISI 303)

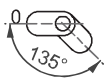
V: 1



V: 2



Hinge Rotation Angle



DOOR DIRECTION	
Right hand	001
Left hand	002

Group Code	Material	Finish	Version	Door Direction
289	4	0	V	

⚠ **Note:** Bolts are not supplied

⚠ **Note:** Assembled RH (as drawn)
Assembled LH
(mirror inverted)

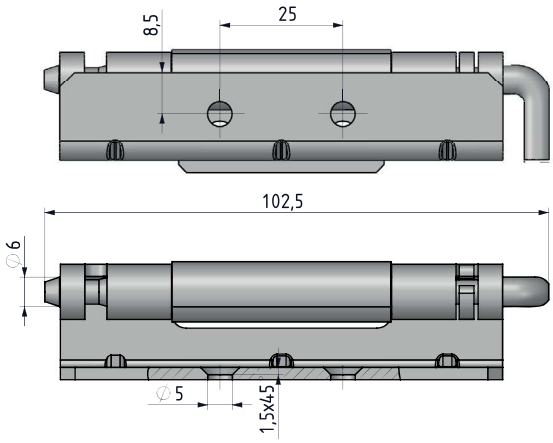
For other materials please check: page 331

CONCEALED HINGE

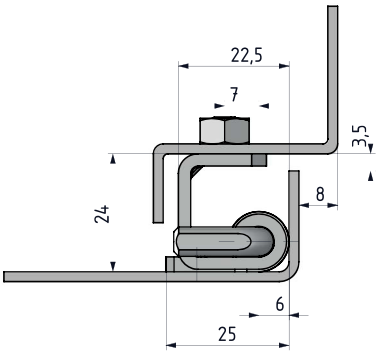
1995



RoHS





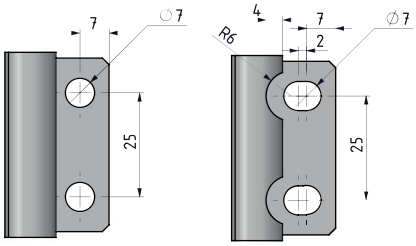


- Remove the door by just removing the pin
- Suitable for heavy-duty applications
- Suitable for 24 mm door bend cabinets

MATERIAL
BODY: Stainless Steel (AISI 304)
PIN: Stainless Steel (AISI 303)



Middle Parts



MP: 1 — Circle Hole

MP: 2 — Slot hole

For other materials please check: page 326

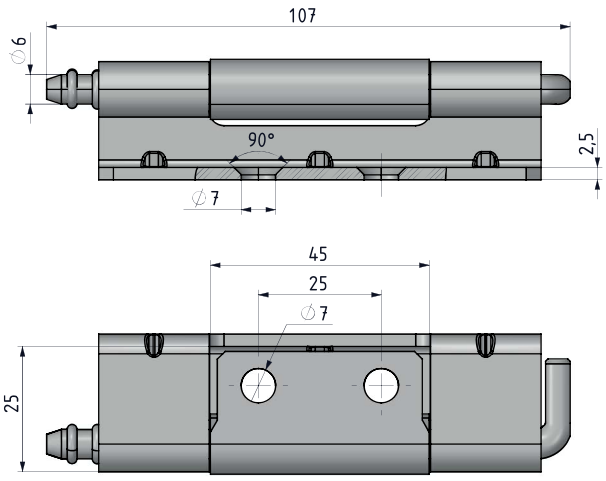
Note: Bolts are not supplied

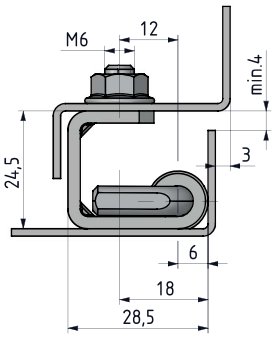
Group Code	Material	Finish	Version	Middle Part	Option
1995	4	0	4	MP	0

OPTION	OP
Hole	0

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995 CONCEALED HINGE









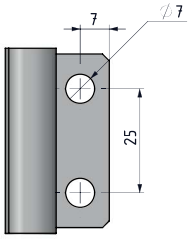
V:3

Fixed by O'ring

V:4

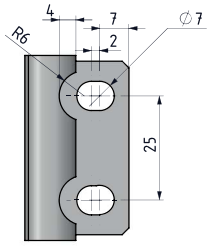
Fixed by clips

Middle Parts



MP: 1

Circle Hole



MP: 2

Slot hole

Group Code	Material	Finish	Version	Middle Part	Option
995	4	0	V	MP	0

OPTION	OP
Hole	0



- Remove the door by just removing the pin
- Suitable for heavy-duty applications
- Suitable for 24.5 mm bend door cabinets

MATERIAL
BODY: Stainless Steel (AISI 304)
PIN: Stainless Steel (AISI 303)

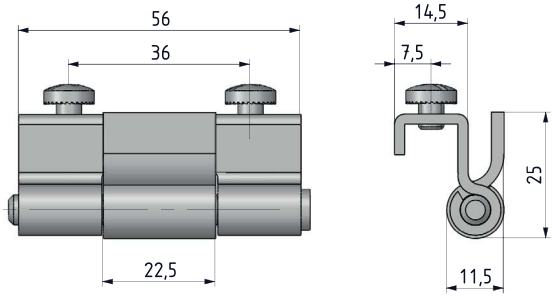
Note: Bolts are not supplied

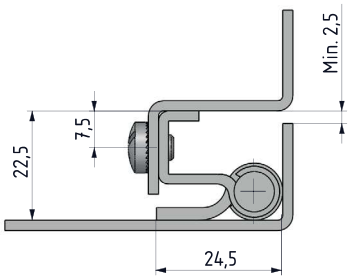
For other materials please check: page 324

CONCEALED HINGE

095

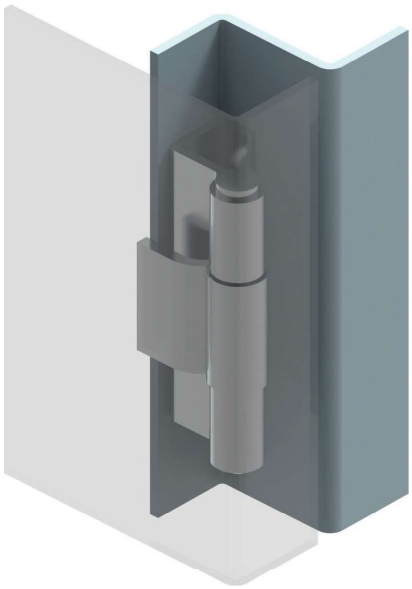






- For doors with a bend of 22.5 mm or more

MATERIAL
BODY: Stainless Steel (AISI 304)
PIN: Stainless Steel (AISI 303)



Hinge Rotation Angle



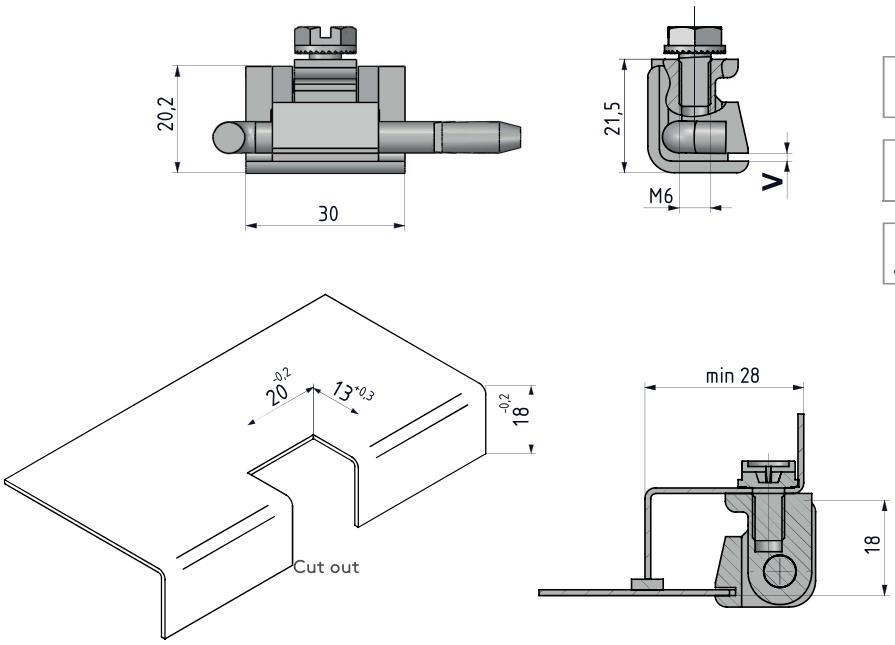
Group Code	Material	Finish	Version	Option
095	4	0	1	0

Note: Bolts are supplied

For other materials please check: page 310

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097 CORNER HINGE





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

MATERIAL
FIXED, MOVABLE PARTS: Stainless Steel
PIN: Stainless steel or Poliasetal (Delrin

V:15

1.0 mm - 1.2 mm door plate thickness
(097 M-F-P-15)

V:22

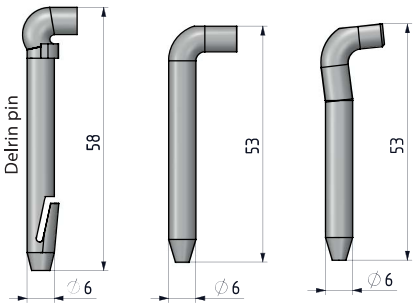
1.5 mm - 2 mm door plate thickness
(097 M-F-P-22)



Hinge Rotation Angle



P:1 P:2 P:3



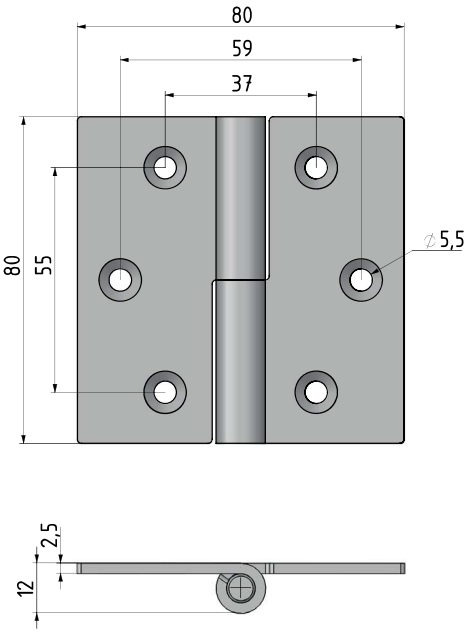
Group Code	Material	Finish	Pin	Version
097	4	0	P	V

For other materials please check: page 336

LIFT-OFF HINGE

4299

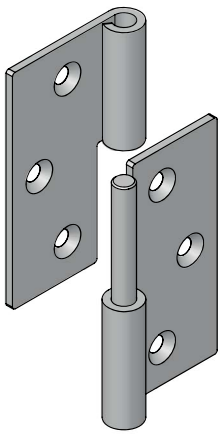




- Designed for plain/flush-mounted doors
- Suitable for left- and right-hand applications

MATERIAL
BODY: Stainless Steel (AISI 304)
PIN: Stainless Steel (AISI 303)





Hinge Rotation Angle



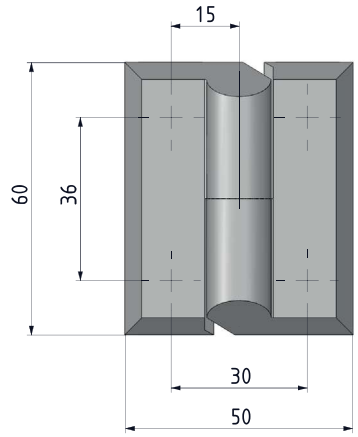
For other materials please check: page 372

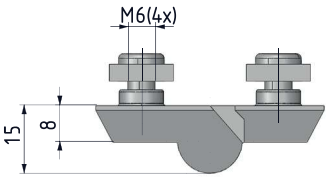
Group Code	Material	Finish	Door Direction
4299	4	0	

DOOR DIRECTION	
Right hand	001
Left hand	002

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3599 LIFT-OFF HINGE

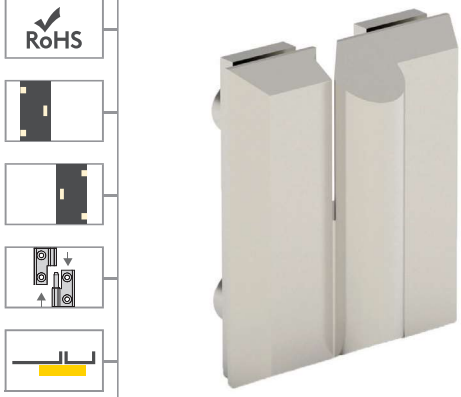












- Concealed mounting screws prevent external access to hinge
- Designed for plain/flush-mounted doors
- Suitable for left- and right-hand applications

MATERIAL
BODY: Stainless Steel (AISI 316)
PIN: Stainless Steel (AISI 303)

Hinge Rotation Angle



Group Code	Material	Finish	Door Direction
3599	4	0	

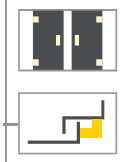
DOOR DIRECTION	
Right hand	001
Left hand	002

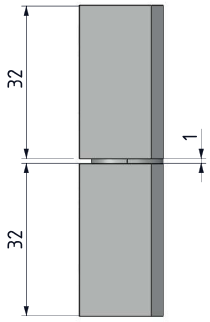
LIFT-OFF HINGE

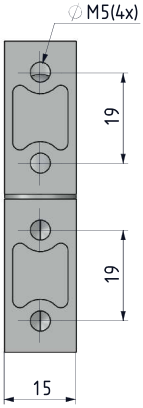
1293

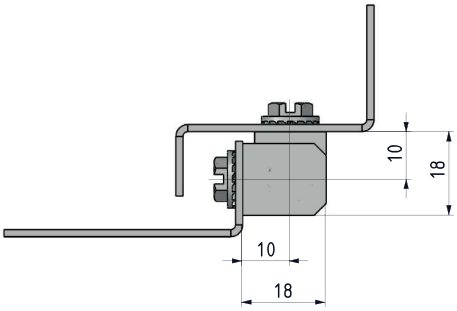


RoHS









- Lift-off hinge
- Suitable for left- and right-hand applications
- Maximum hinge rotation 180°

MATERIAL
BODY: Stainless Steel (AISI 304)
PIN: Stainless Steel (AISI 303)





⚠ **Note:** Bolts are supplied

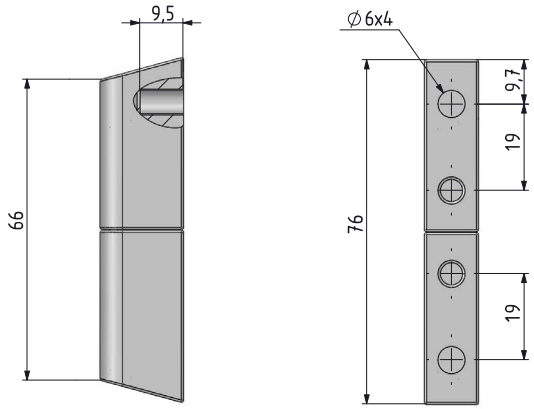
Group Code	Material	Finish	Door Direction
1293	4	0	

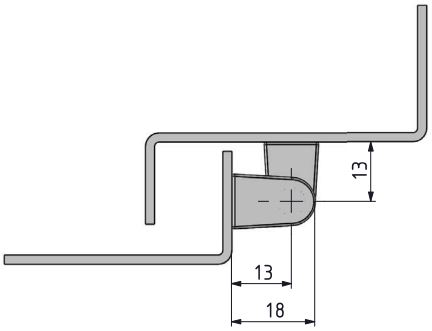
DOOR DIRECTION	
Right hand	001
Left hand	002

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1393 LIFT-OFF HINGE

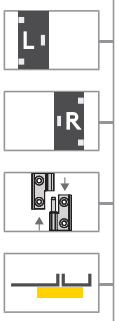
NEW













- Lift-off hinge
- Suitable for left- and right-hand applications
- Maximum hinge rotation 180°w

MATERIAL
BODY: Stainless Steel (AISI 304)
PIN: Stainless Steel (AISI 303)

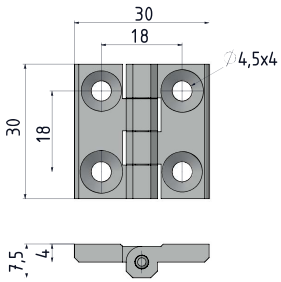
Group Code	Material	Finish	Door Direction
1393	4	0	

DOOR DIRECTION	
Right hand	001
Left hand	002

MINI LEAF HINGE

1299







- Generally used for plain/small flush mounted doors.
- Opening angle is 270°

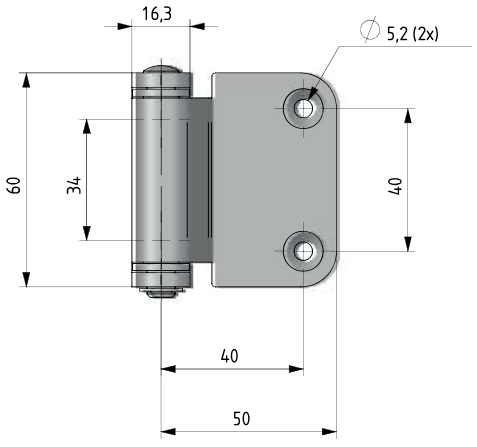
MATERIAL
Stainless Steel (AISI 316)

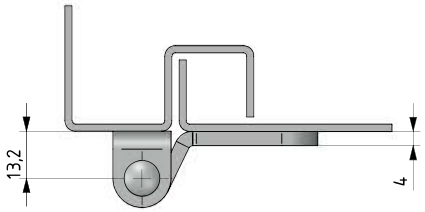
Group Code	Material	Finish
1299	4	0

FLAT HINGE

600









- Designed for plain/flush-mounted doors.

MATERIAL
BODY: Stainless Steel (AISI 316)
PIN: Stainless Steel (AISI 303)

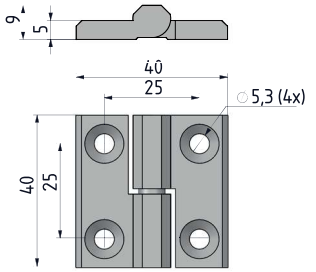
Hinge Rotation Angle



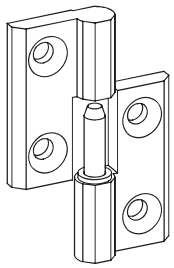
Group Code	Material	Finish	Height	Version
600	4	0	00	3

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LIFT-OFF HINGE



GROUP CODE: **3299**

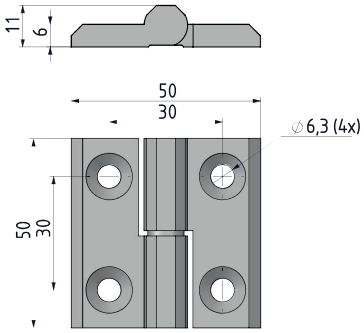




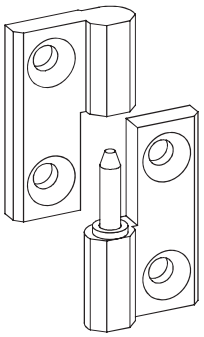


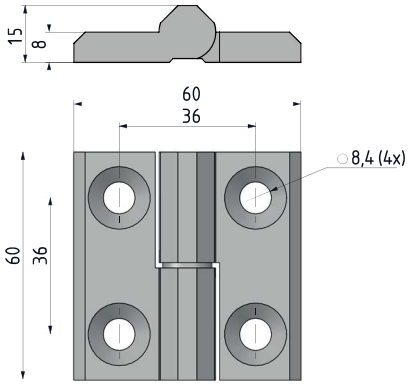




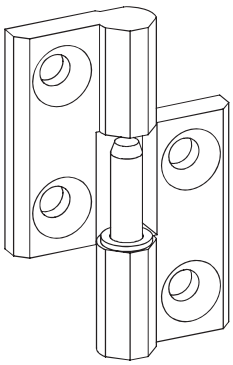


GROUP CODE: **3099**





GROUP CODE: **3399**



- Lift off hinge
- Suitable for left- and right-hand applications
- Opening angle 270°

MATERIAL
Stainless Steel (AISI 316)

Hinge Rotation Angle



Group Code	Material	Finish	Version	Door Direction
	4	0	1	

DOOR DIRECTION	
Right hand	001
Left hand	002

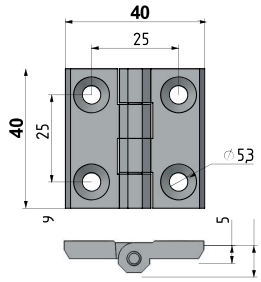
LEAF HINGE

299



RoHS

V: 3



Group Code	Material	Finish	Version
299	4	0	3

- Generally used for plain/flush mounted doors
- Maximum hinge rotation 270°

MATERIAL
Stainless Steel (AISI 316)

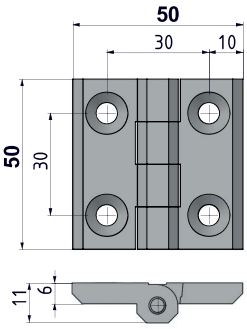
LEAF HINGE

099

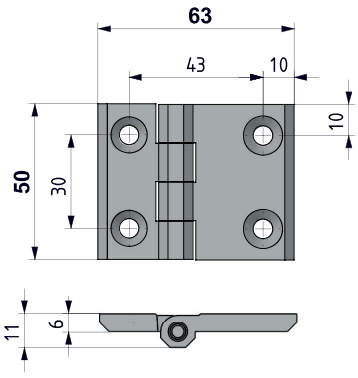


RoHS

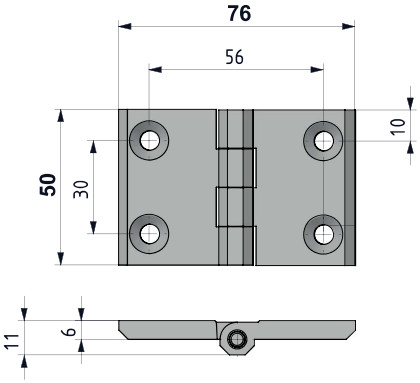
V: 4



V: 7



V:10



Group Code	Material	Finish	Version
099	4	0	V

- Generally used for plain/flush mounted doors
- Maximum hinge rotation 270°

MATERIAL
Stainless Steel (AISI 316)

Hinge Rotation Angle



For other materials please check: page 358-359

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399

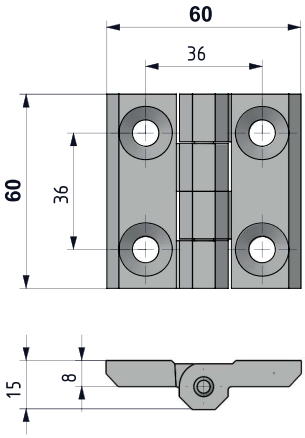
LEAF HINGE



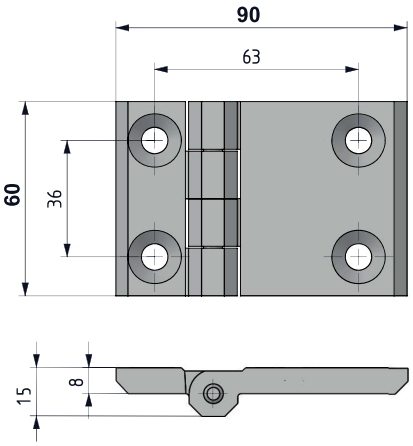
- Generally used for plain/flush-mounted, isolated heavy doors
- Available in three sizes, hole fixing:
  - 60 mm x 60 mm
  - 60 mm x 90 mm
  - 60 mm x 120 mm
- Maximum hinge rotation 270°

MATERIAL
Stainless Steel (AISI 316)

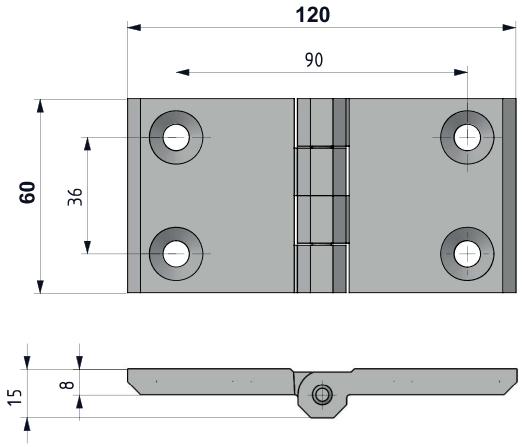
V: 4



V: 5



V: 6



Hinge Rotation Angle



Group Code	Material	Finish	Version
399	4	0	V

For other materials please check: page 360

LEAF HINGE

099



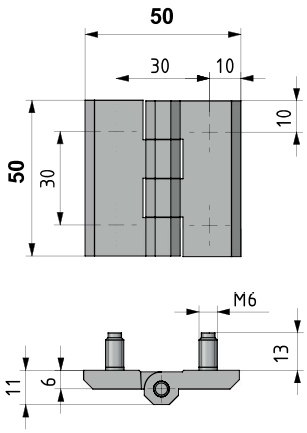
- Generally used for plain/flush mounted doors
- Maximum hinge rotation 270°
- Stud versions fitted with M6 x 12 mm threaded stud

MATERIAL
Stainless Steel (AISI 316)

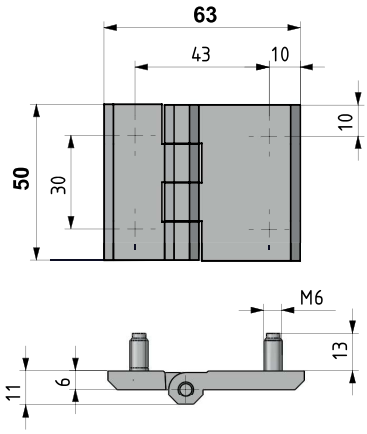
Hinge Rotation Angle



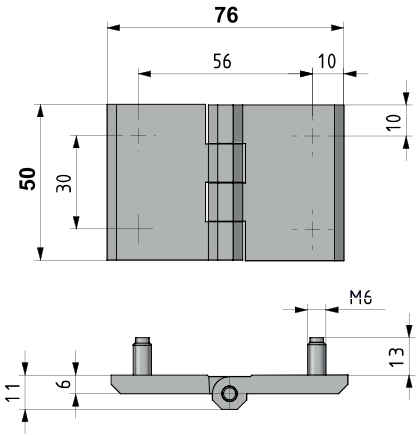
V: 1



V: 8



V: 9



Group Code	Material	Finish	Version
099	4	0	V

For other materials please check: page 362

tel | +90 212 721 44 44 fax | +90 212 721 44 45

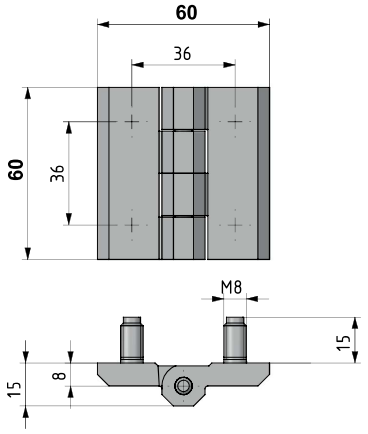
399 LEAF HINGE



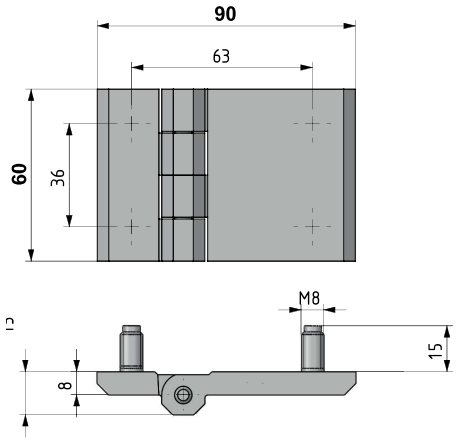
- Generally used for plain/flush-mounted, isolated heavy doors
- Available in three sizes, stud fixing:
  - 60 mm x 60 mm
  - 60 mm x 90 mm
  - 60 mm x 120 mm
- Stud versions fitted with M8 x 14 mm threaded stud
- Maximum hinge rotation 270°

MATERIAL
Stainless Steel (AISI 316)

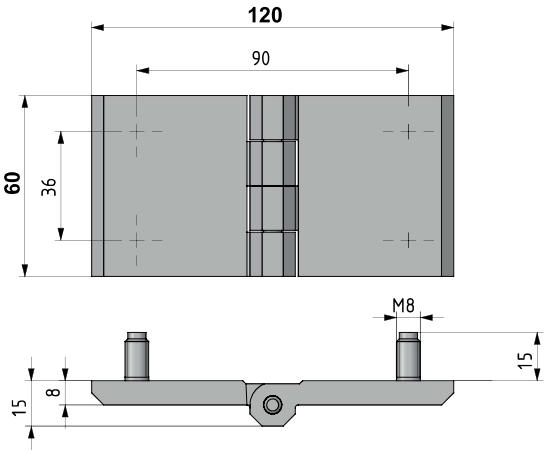
V: 1



V: 2



V: 3



Hinge Rotation Angle



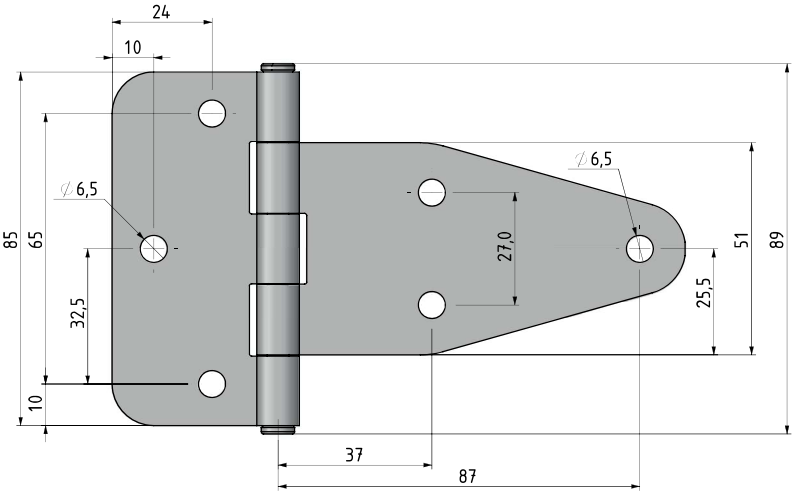
Group Code	Material	Finish	Version
399	4	0	V

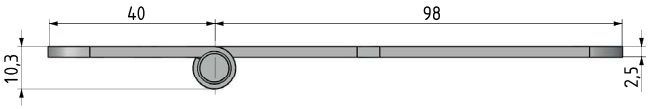
For other materials please check: page 365

LEAF HINGE

599







- Generally used for plain/flush-mounted, isolated, heavy doors
- Both parts attached by screws or nuts and bolts
- Hinge Rotation angle 180°

MATERIAL
BODY: Stainless Steel (AISI 304)
PIN: Stainless Steel (AISI 303)



Hinge Rotation Angle



Group Code	Material	Finish
599	4	0

For other materials please check: page 367

tel | +90 212 721 44 44 fax | +90 212 721 44 45

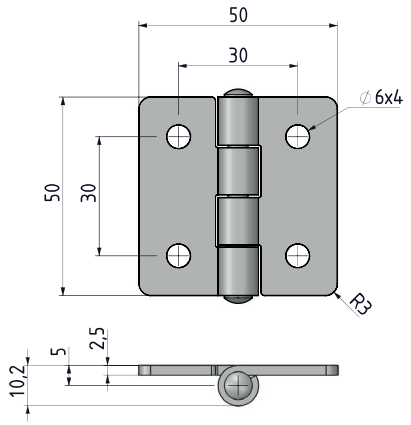
799 LEAF HINGE



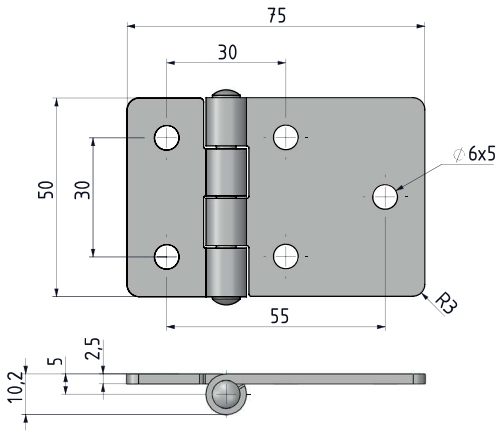
- Generally used for plain/flush-mounted, isolated, heavy doors

MATERIAL
BODY: Stainless Steel (AISI 304)
PIN: Stainless Steel (AISI 303)

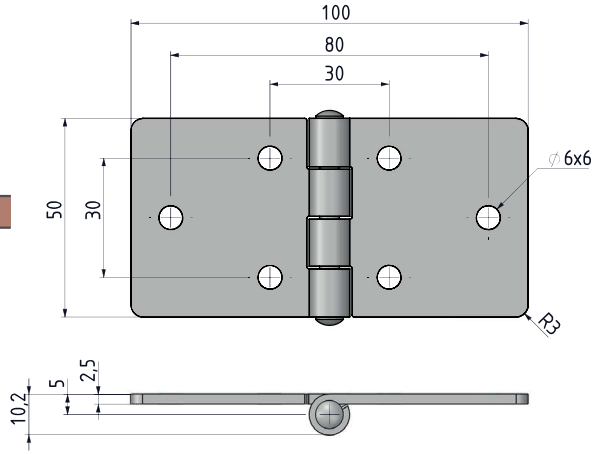
V: 1



V: 2

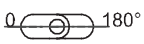


V: 3



Group Code	Material	Finish	Version
799	4	0	V

Hinge Rotation Angle



For other materials please check: page 370

LEAF HINGE

1599



RoHS

- Generally, used for plain/flush mounted, isolated, heavy doors.
- Both parts are attached by screws or nuts and bolts
- Hinge Rotation angle is 180°

MATERIAL

BODY: Stainless steel (AISI 304)
PIN: Stainless steel (AISI 303)

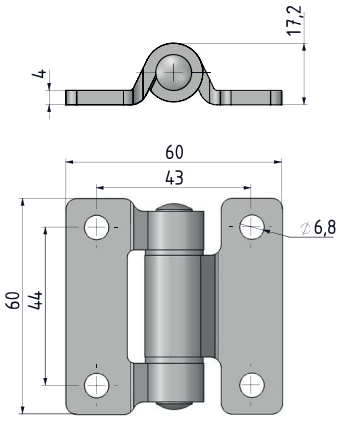
For other materials please check: page 368

Hinge Rotation Angle

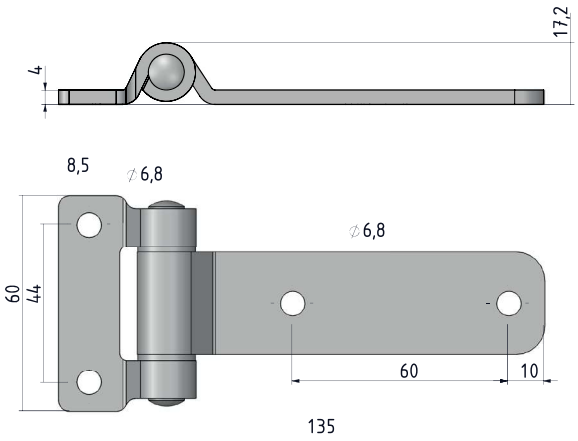


Note: Bolts are not supplied

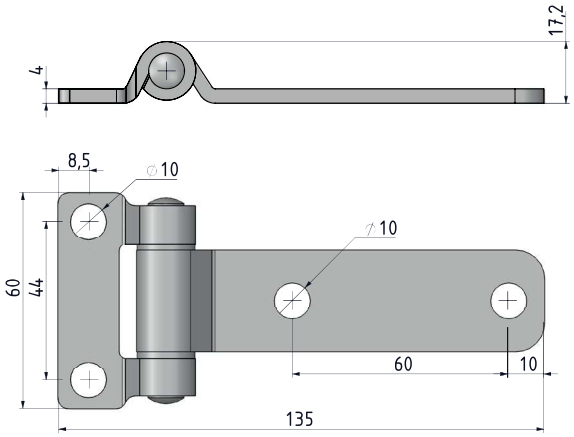
V: 1



V: 2



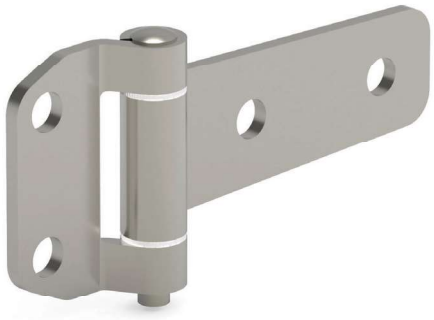
V: 3



Group Code	Material	Finish	Version
1599	4	0	V

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1599 LEAF HINGE

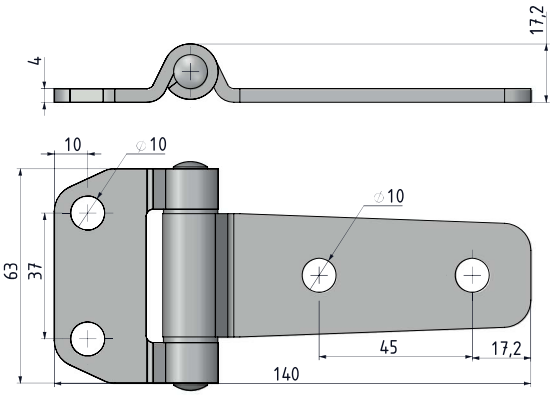


- Generally, used for plain / flush mounted, isolated, heavy doors.
- Both parts are attached by screws or nuts and bolts
- Hinge Rotation angle is 180°

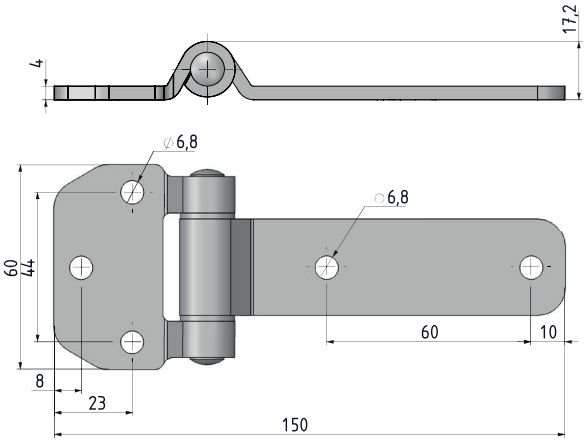
MATERIAL

BODY: Stainless steel (AISI 304)
PIN: Stainless steel (AISI 303)

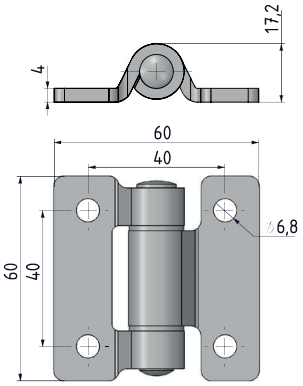
V: 4



V: 5



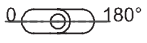
V: 6



For other materials please check:
page 369

Group Code	Material	Finish	Version
1599	4	0	V

Hinge Rotation Angle

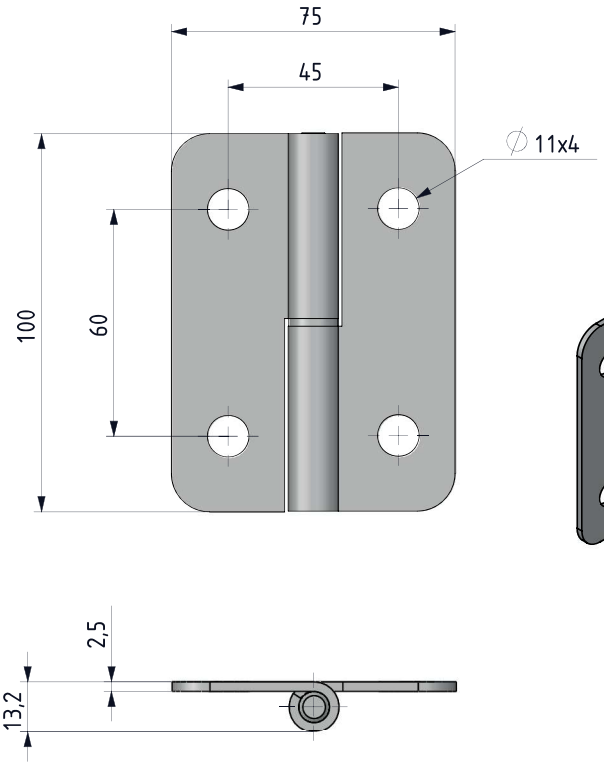


Note: Bolts are not supplied

LEAF HINGE (Lift-off) 899







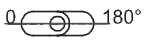
- Heavy-duty, lift-off hinge, corrosion resistant
- Suitable for left- and right-hand applications
- Opening angle 180°

MATERIAL
BODY: Stainless Steel (AISI 304)
PIN: Stainless Steel (AISI 303)



For other materials please check: page 365

Hinge Rotation Angle



Note: Bolts are not supplied

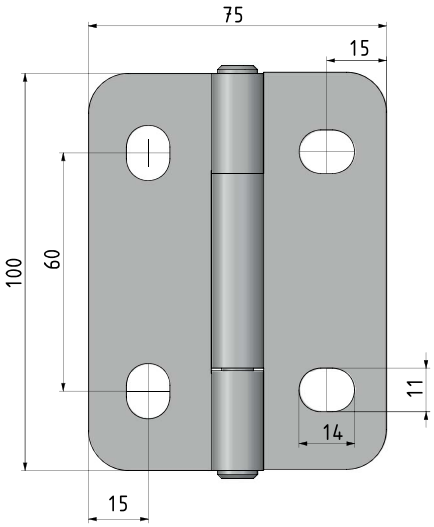
FINISH	F
No finish	0
Black coated	2

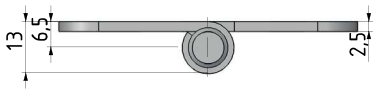
DOOR DIRECTION	
Right hand	001
Left hand	002

Group Code	Material	Finish	Door Direction
899	4	F	

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999 LEAF HINGE









- Generally used for plain/ flush-mounted doors
- Suitable for outdoor applications
- Opening angle 270°
- Body made of stainless steel

MATERIAL
BODY: Stainless Steel (AISI 304)
PIN: Stainless Steel (AISI 303)

Hinge Rotation Angle



Group Code	Material	Finish
999	4	F

FINISH	F
No finish	0
Black coated	2

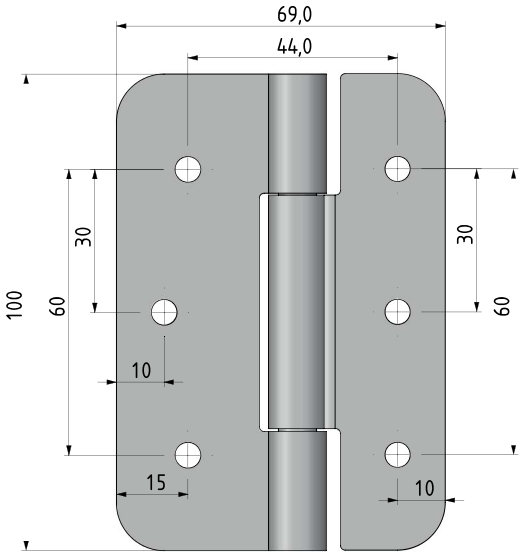
Note: Bolts are not supplied

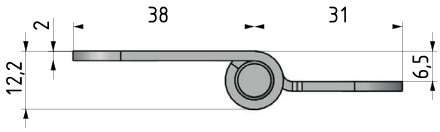
LEAF HINGE

2999



RoHS





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

MATERIAL
BODY: Stainless Steel (AISI 304)
PIN: Stainless Steel (AISI 303)



Hinge Rotation Angle

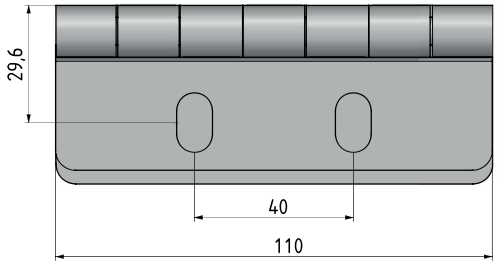


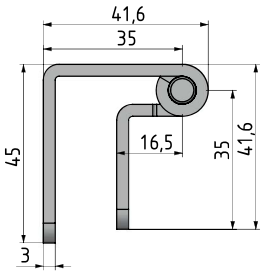
Note: Bolts are not supplied

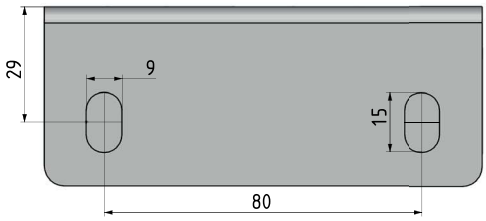
Group Code	Material	Finish
2999	4	0

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2890 CONCEALED HINGE









- Suitable for outdoor applications
- Heavy-duty hinge

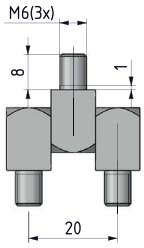
MATERIAL
BODY: Stainless Steel (AISI 304)
PIN: Stainless Steel (AISI 303)

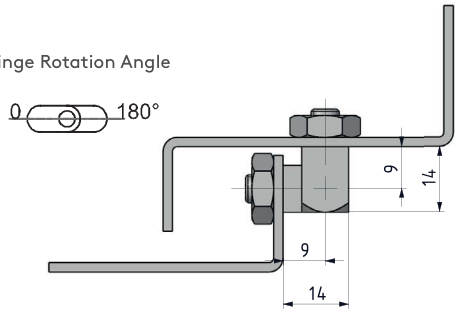


Group Code	Material	Finish
2890	4	0

SIDE HINGE (10 mm) — 090







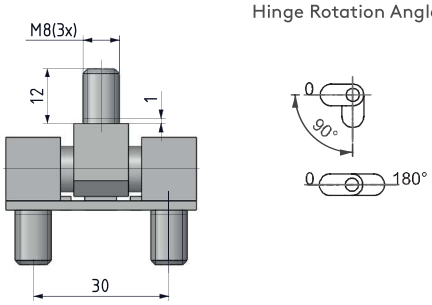
- Side mounted hinge
- Three 10 mm Stainless steel parts supplied separately
- For different dimensions contact Essentra

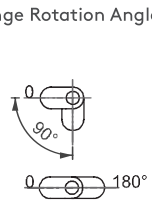
Group Code	Material	Finish
090	4	0

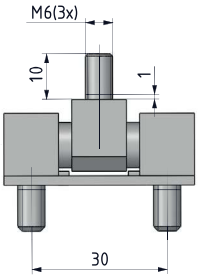
MATERIAL
Stainless Steel (AISI 303/304)

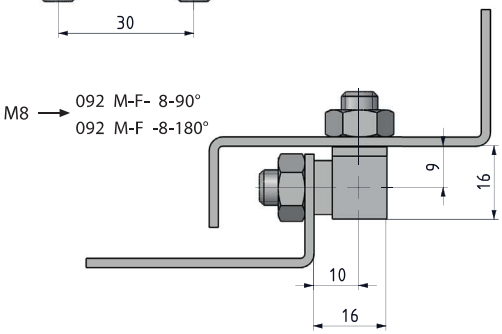
SIDE HINGE (12 mm) — 092











M6 → 092 M-F- 6-90°
092 M-F- 6-180°

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

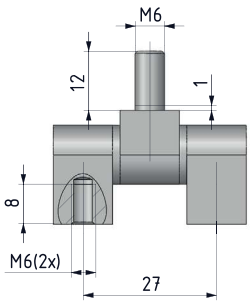
Group Code	Material	Finish
092	4	0

MATERIAL
Stainless Steel (AISI 303/304)

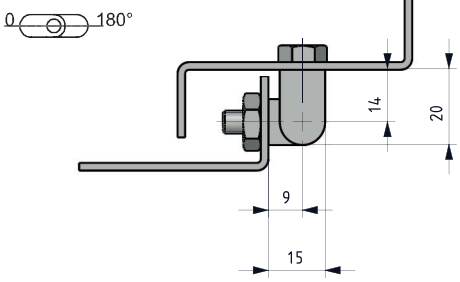
For other materials please check: page 288

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192 SIDE HINGE (12 mm)



Hinge Rotation Angle



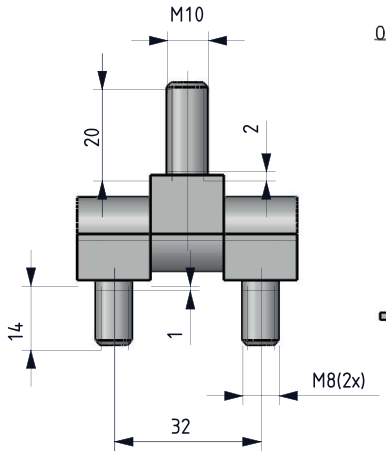
Group Code	Material	Finish
192	4	0



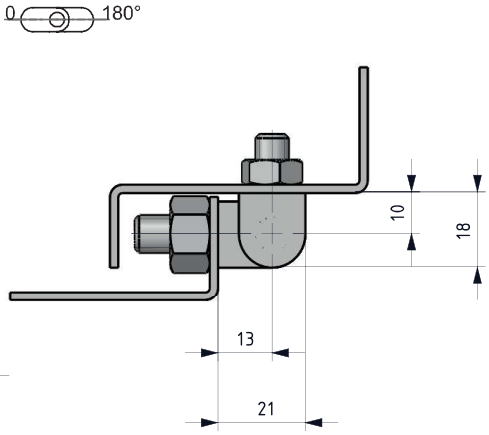
- Side-mounted hinge
- 12 mm parts and bearings made of stainless steel
- Parts are tightly fitted

MATERIAL
Stainless Steel (AISI 303/304)

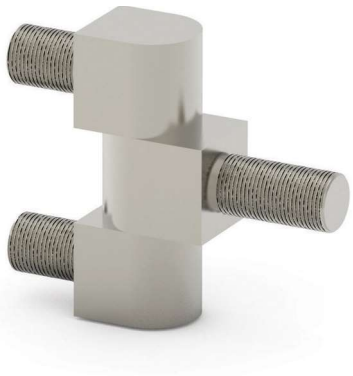
193 SIDE HINGE (16 mm)



Hinge Rotation Angle



Group Code	Material	Finish
193	4	0



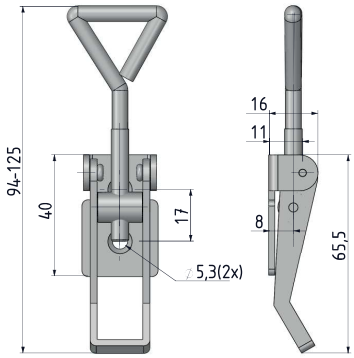
- Side-mounted hinge
- 16 mm parts made of stainless steel
- Parts are tightly fitted.

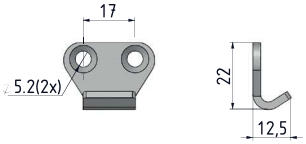
MATERIAL
Stainless Steel (AISI 303/304)

For other materials please check: page 289

TOGGLE LATCH 340.00.134







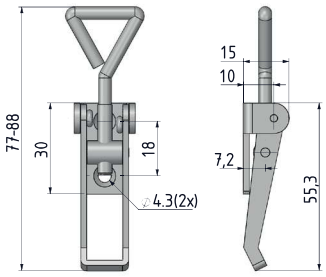
Catch plate

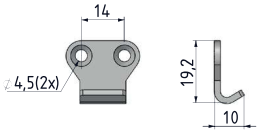
- Used for: tool boxes, cabinets, ships, agriculture and material equipments

MATERIAL
Stainless Steel (AISI 304)

TOGGLE LATCH 340.00.132







Catch plate

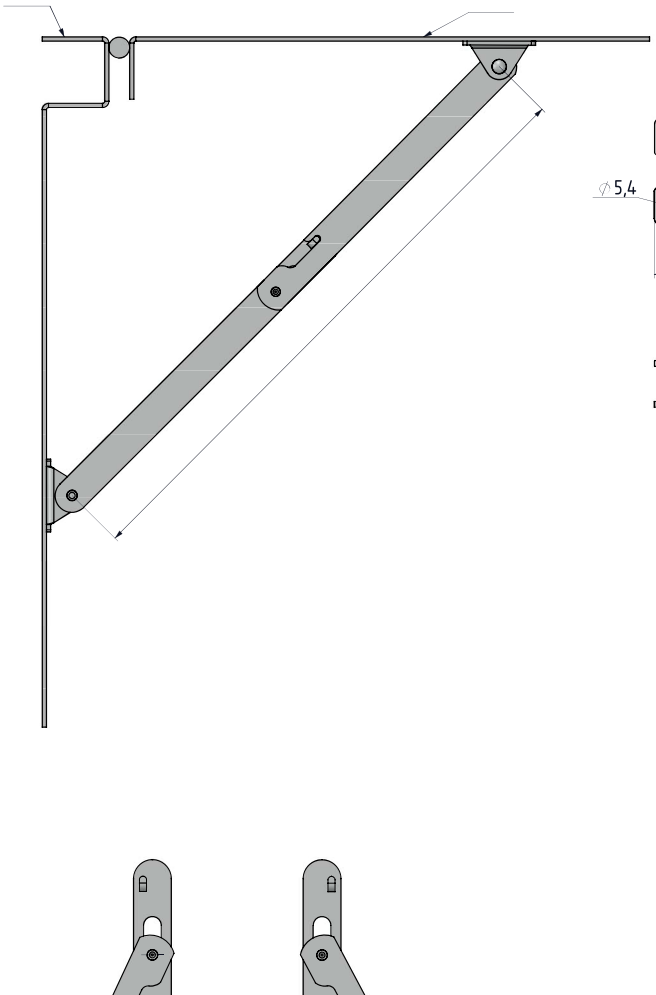
- Used for: tool boxes, cabinets, ships, agriculture and material equipments

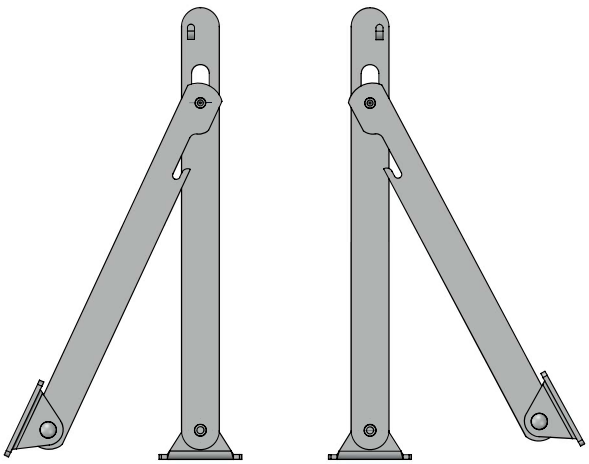
MATERIAL
Stainless Steel (AISI 304)

For other materials please check: page 436

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279 COVER STAY





Lmm
292
202
135



- Suitable for heavy-duty applications
- Manufactured using 4 mm thick steel

MATERIAL
Stainless Steel (AISI 304)

Group Code	Material	Finish	Length	Door Direction
279	4	0	L	

DOOR DIRECTION	
Right hand	001
Left hand	002

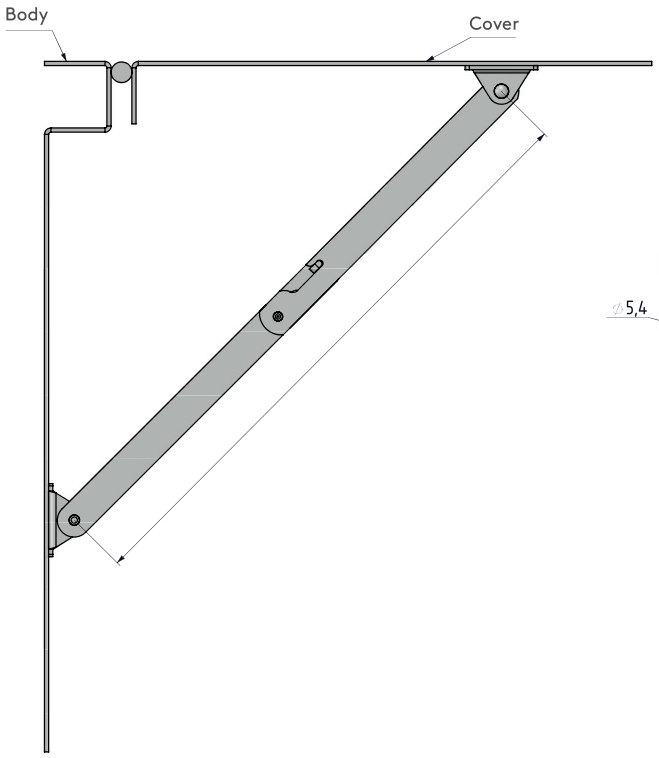
For other materials please check: page 443

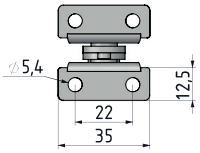
COVER STAY 079

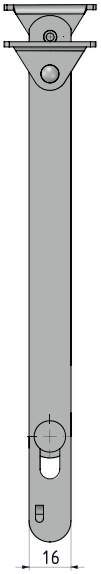


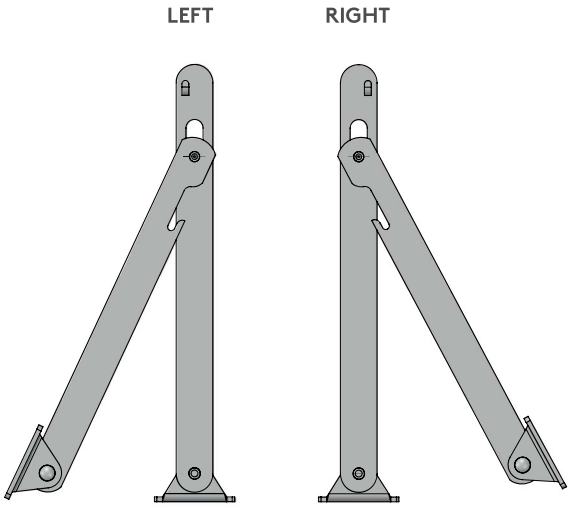












Lmm
292
202
135

Group Code	Material	Finish	Length	Door Direction
079	4	0	L	

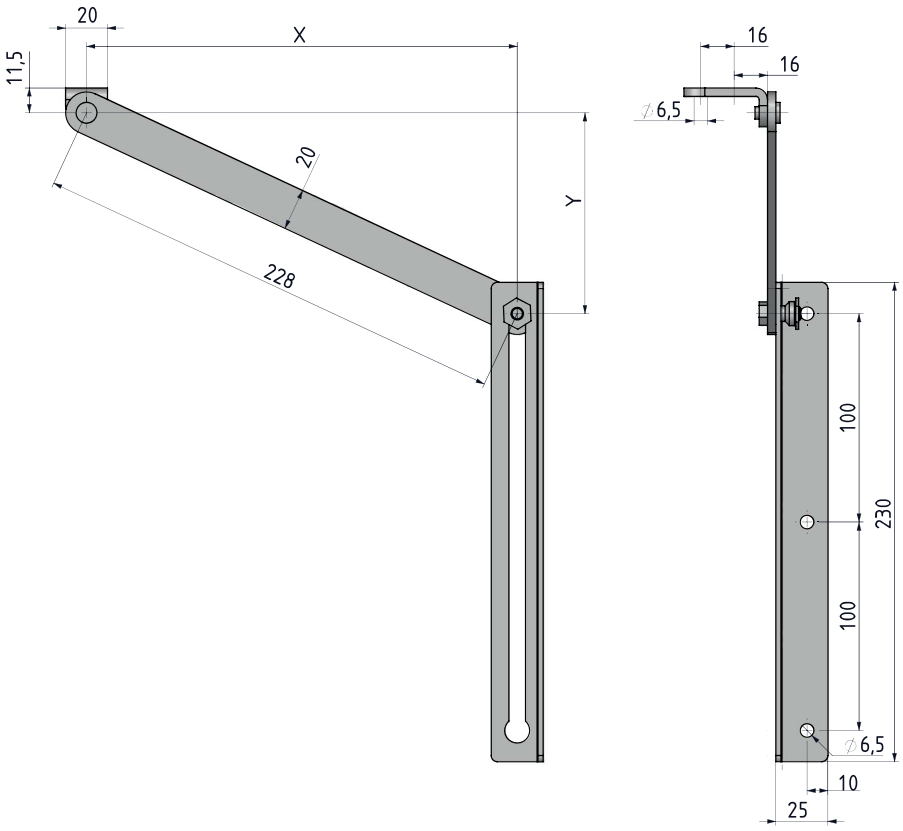
DOOR DIRECTION	
Right hand	001
Left hand	002

MATERIAL
Stainless Steel (AISI 304)

For other materials please check: page 442

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179 COVER STAY





- Cover Stay with automatic lock to keep the door open
- suitable for left- and right-hand application

MATERIAL
Stainless Steel (AISI 304)

Installation dimensions

OPENING ANGLE	DIMENSIONS X	Y	MINIMAL DOOR WIDTH
90°	140	180	405
105°	120	166	390
120°	110	150	375
135°	100	146	370

For other configurations:
y= X+ min.40

Group Code	Material	Finish
179	4	0

For other materials please check: page 444