

Products portfolio for railways applications

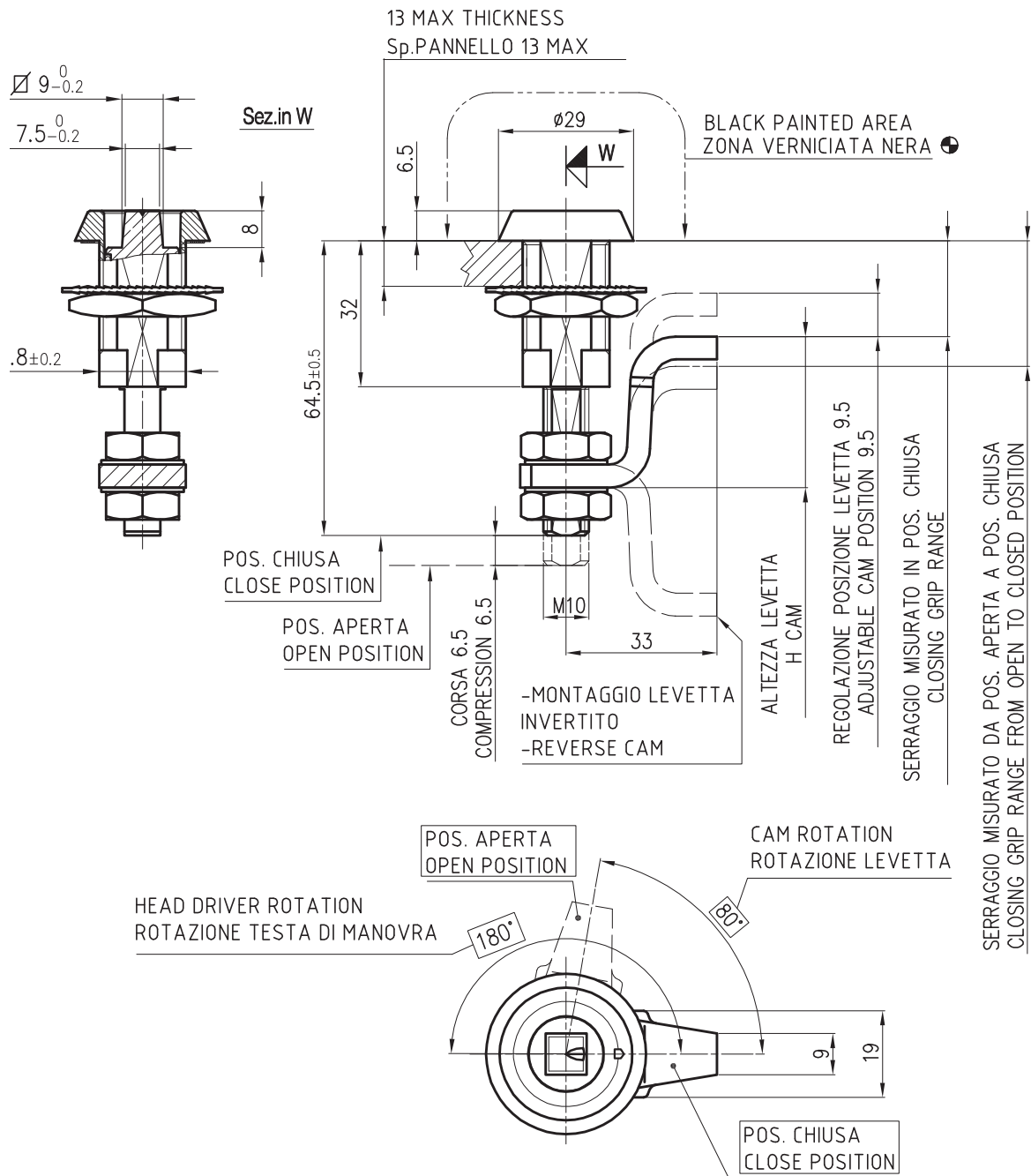
This catalog only represents an overview of the products actually manufactured for railways applications. The specific drawing/catalog of the product of your interest will be supplied on request.

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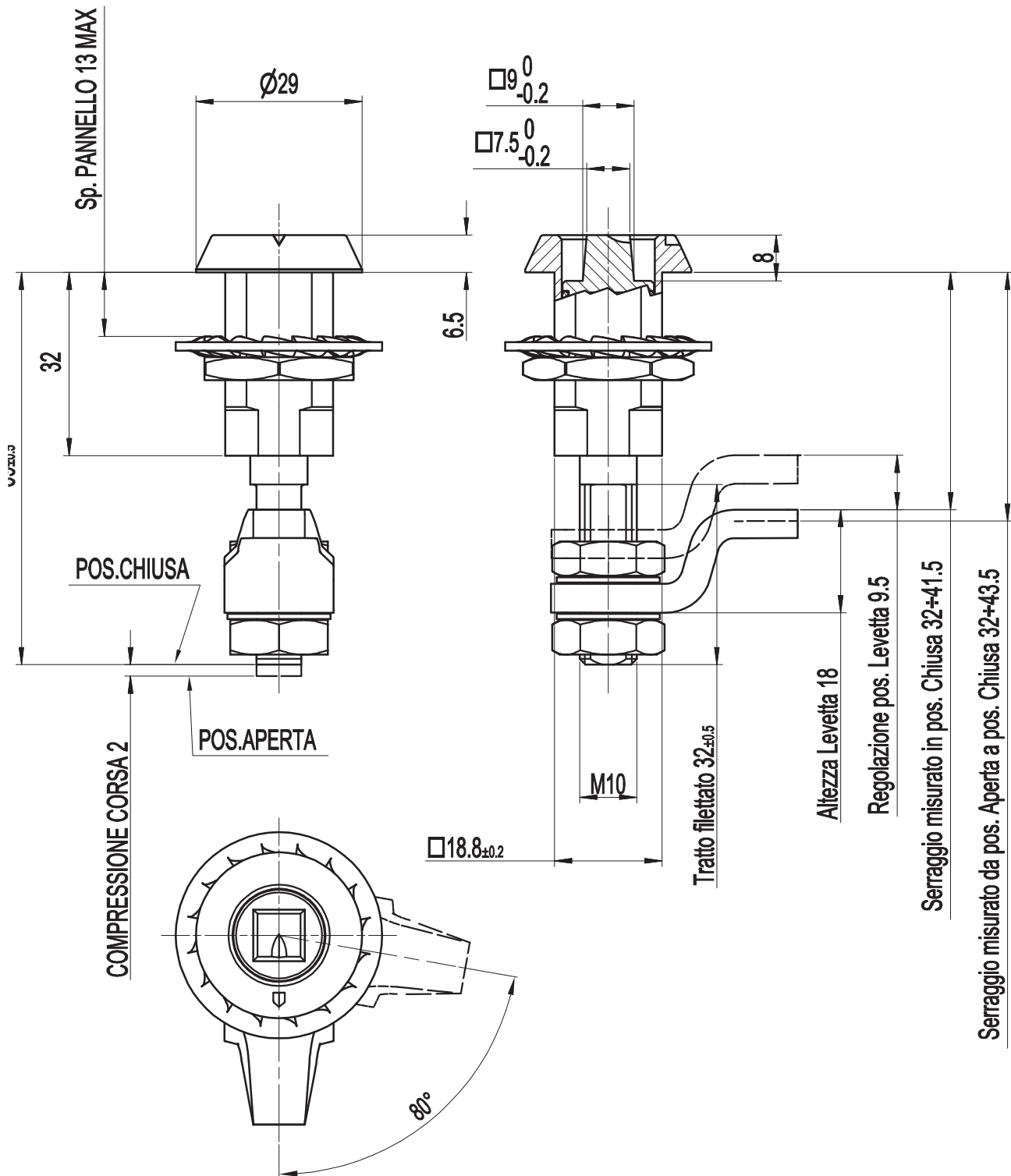
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Locks

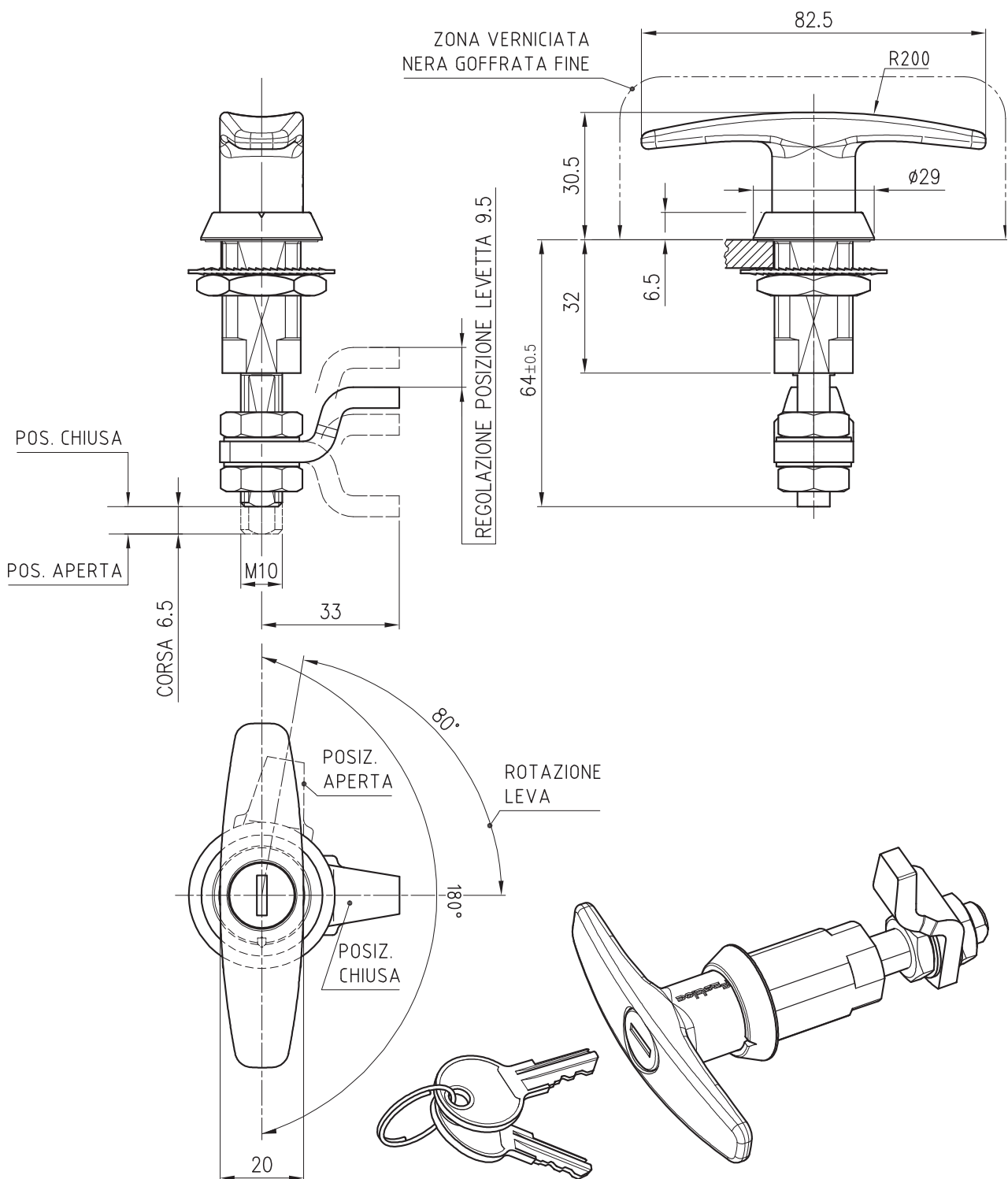




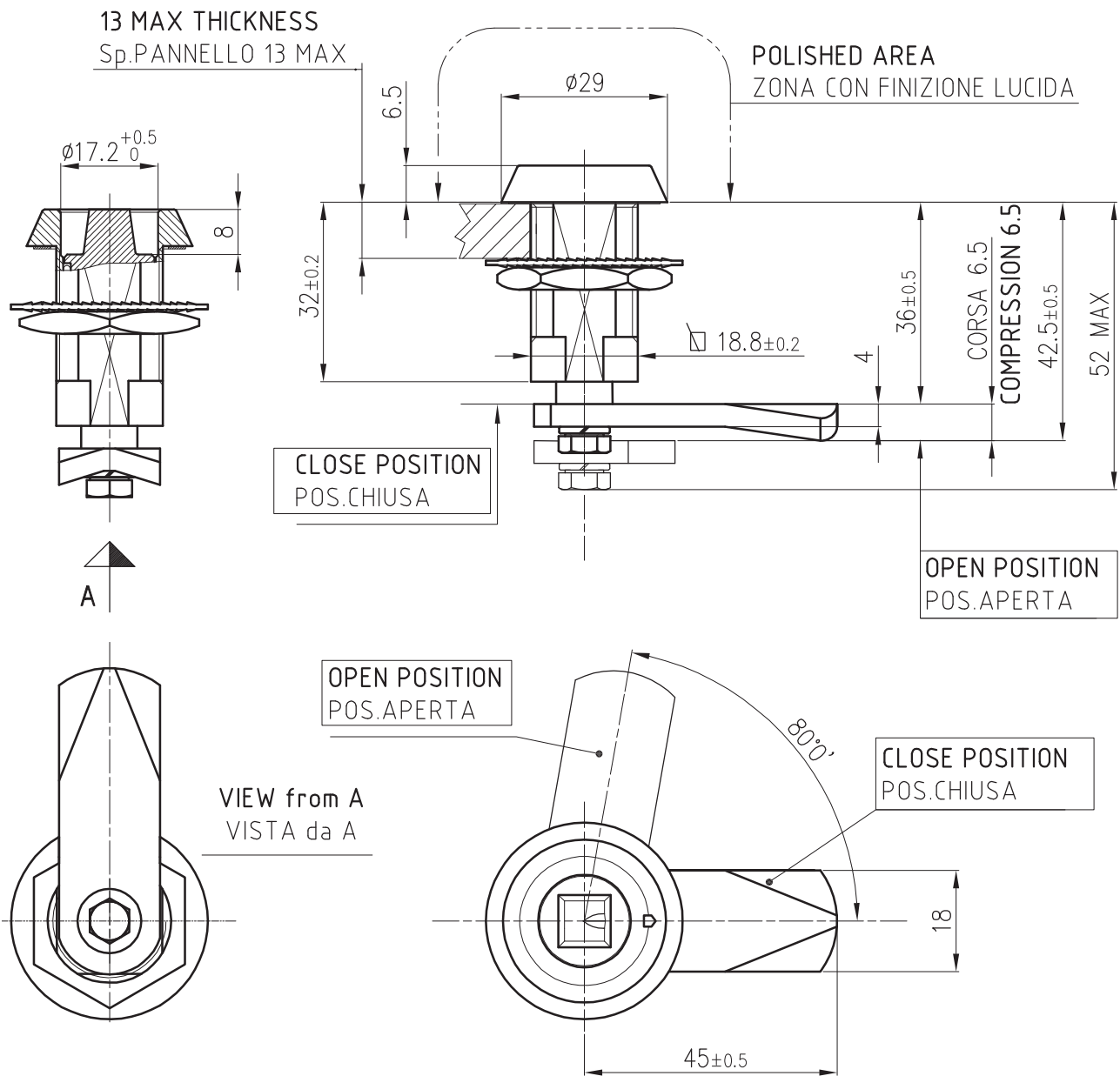
FAST.LOC reference	0023ING
Description	6 mm compression lock, railways square head
Material / Finishing	Zamak, steel/black painted - Stainless steel/mirror finishing
Project	Various



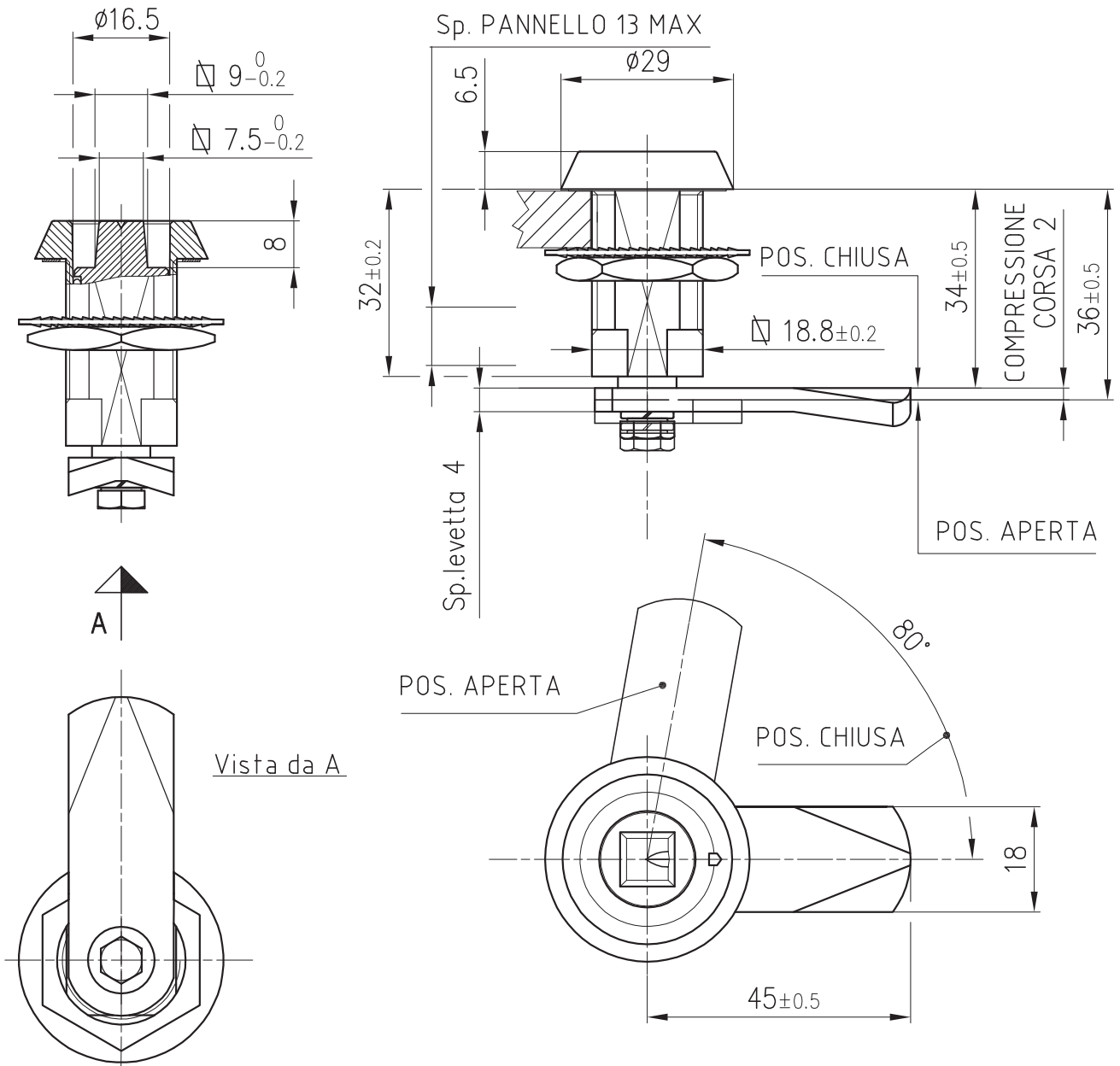
FAST.LOC reference	0234ING
Description	2 mm compression lock, railways square head
Material / Finishing	Zamak, steel/black painted
Project	Various



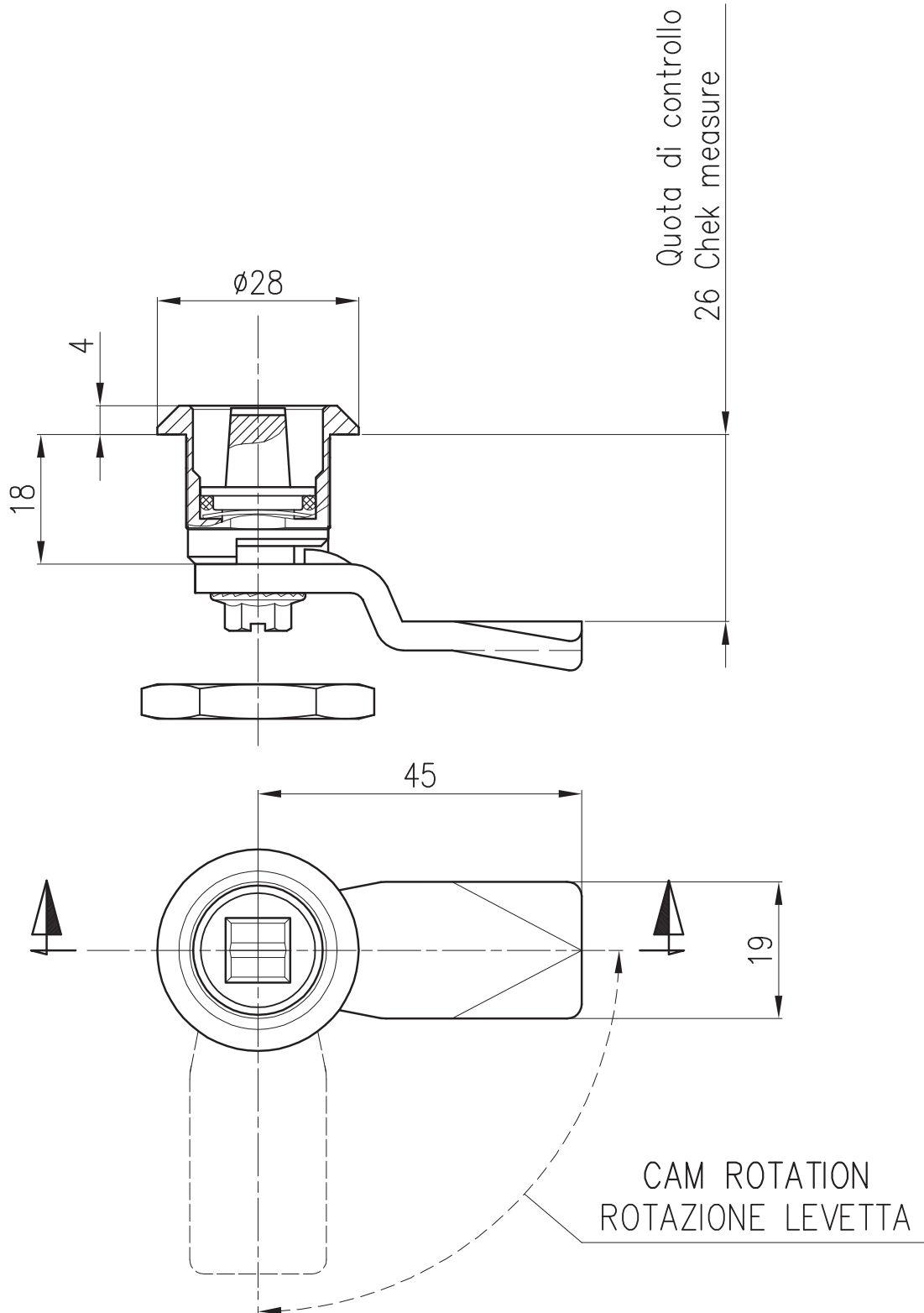
FAST.LOC reference	0242ING
Description	6 mm compression lock, T-handle key operated
Material / Finishing	Zamak, steel/black painted
Project	Various



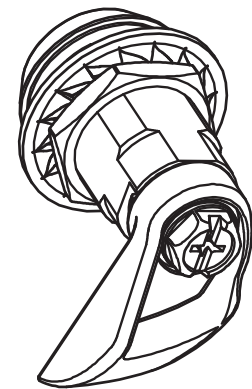
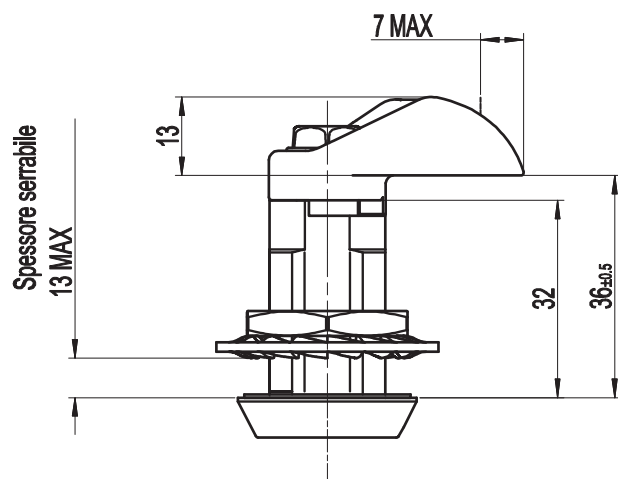
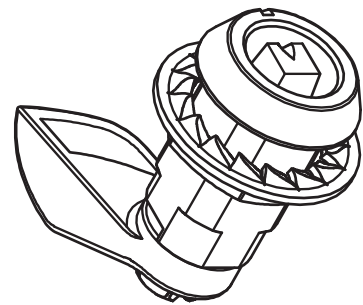
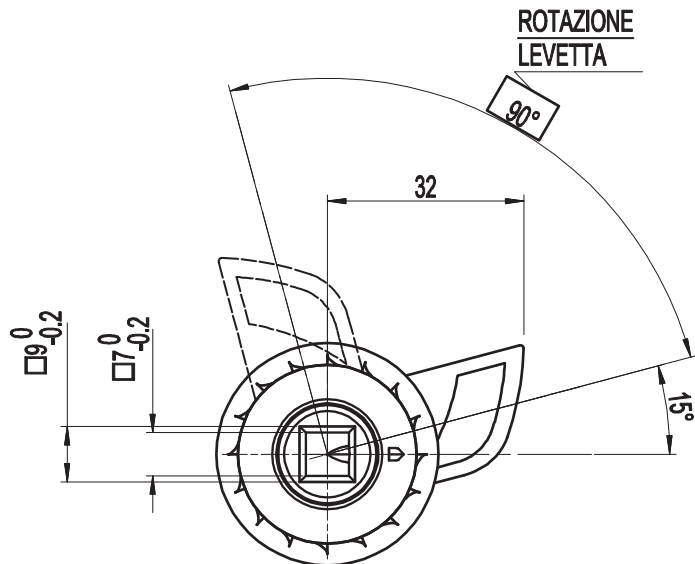
FAST.LOC reference	0407ING
Description	6 mm compression lock, railways square head
Material / Finishing	Zamak, steel/black painted - Stainless steel/mirror finishing
Project	Various



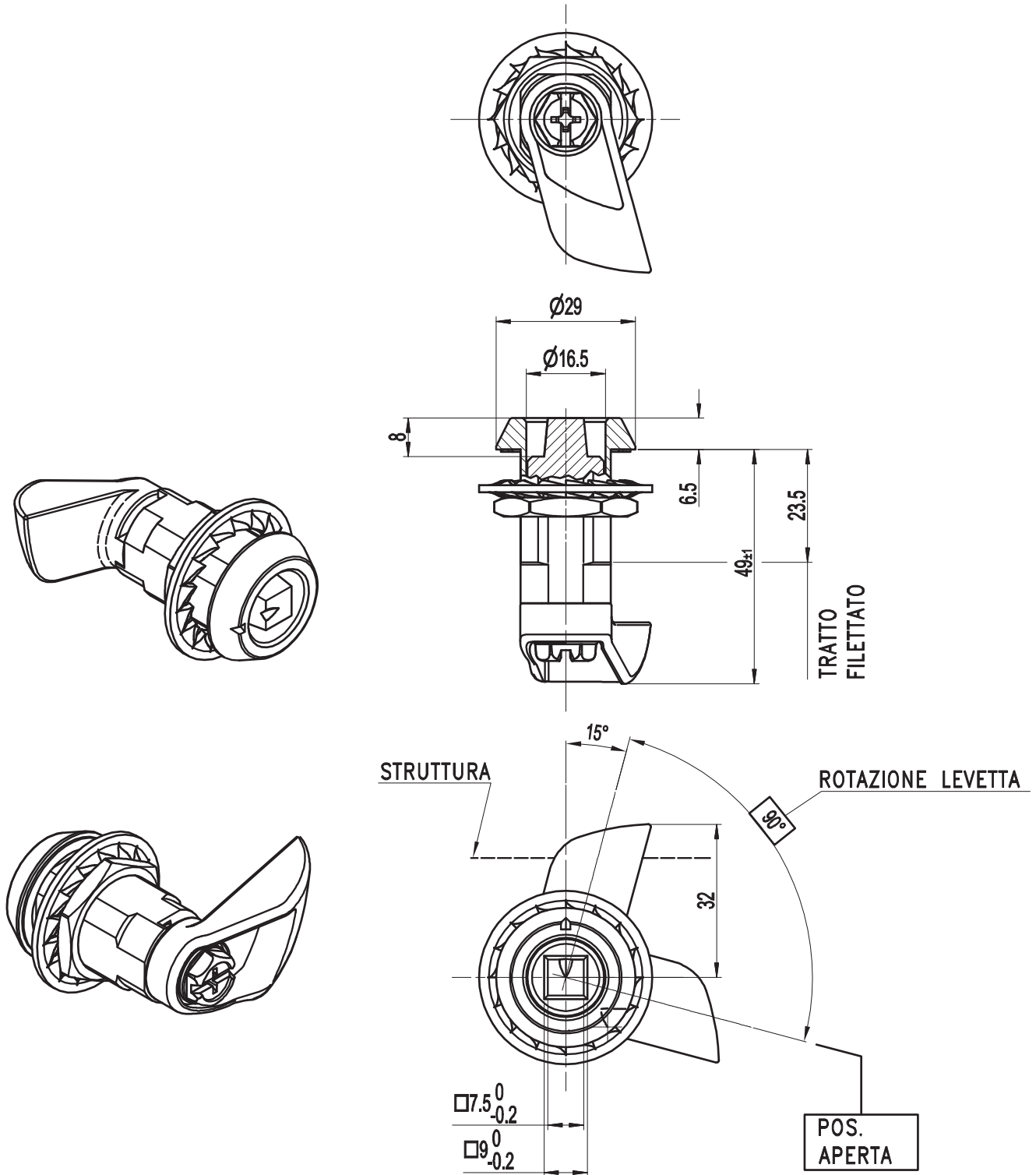
FAST.LOC reference	0283ING
Description	2 mm compression lock, railways square head
Material / Finishing	Zamak, steel/black painted
Project	Various



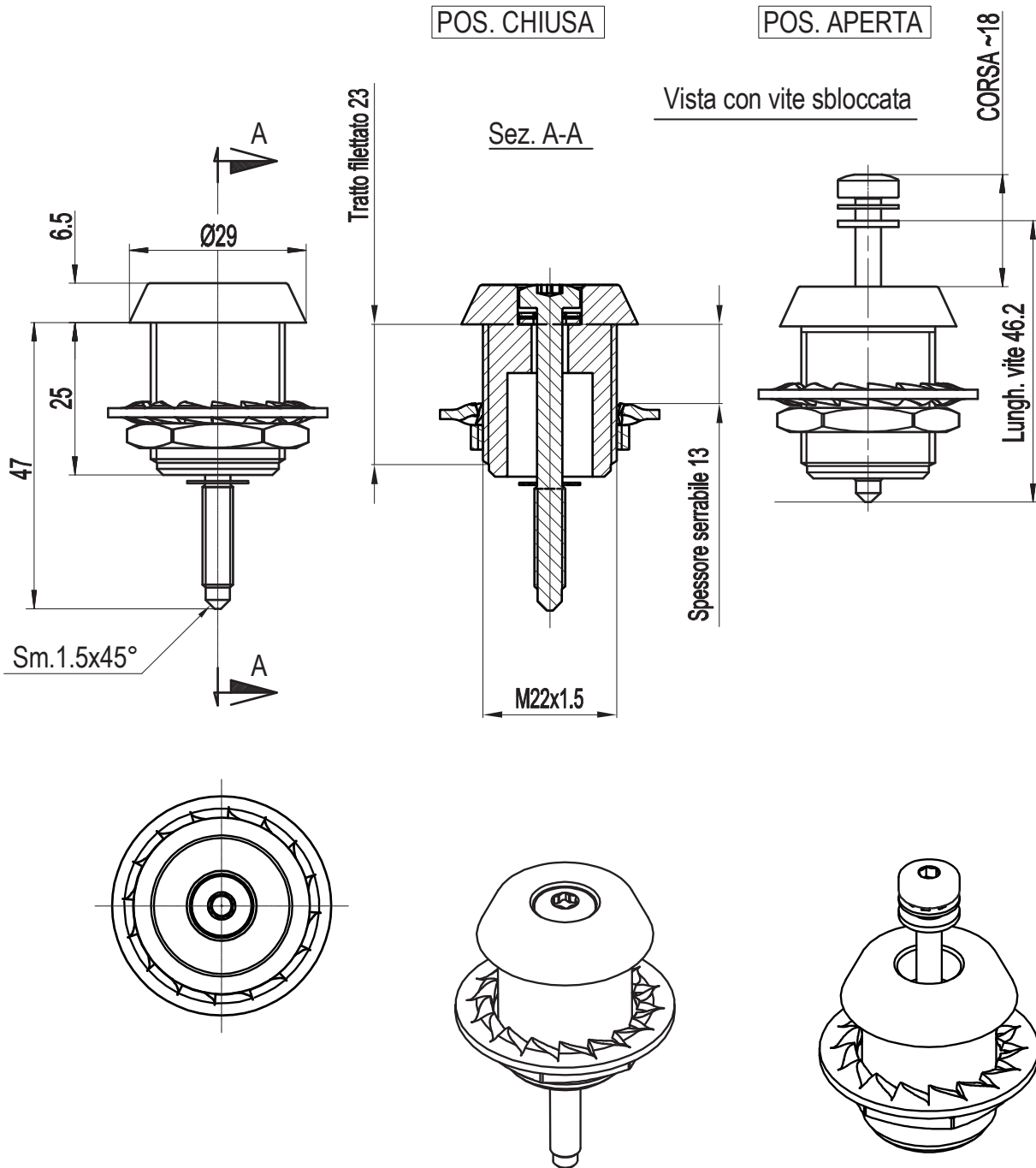
FAST.LOC reference	0415ABL
Description	Cam lock, railways square head
Material / Finishing	Stainless steel/Mirror polishing
Project	TGV, Thalys, Metro New Delhi



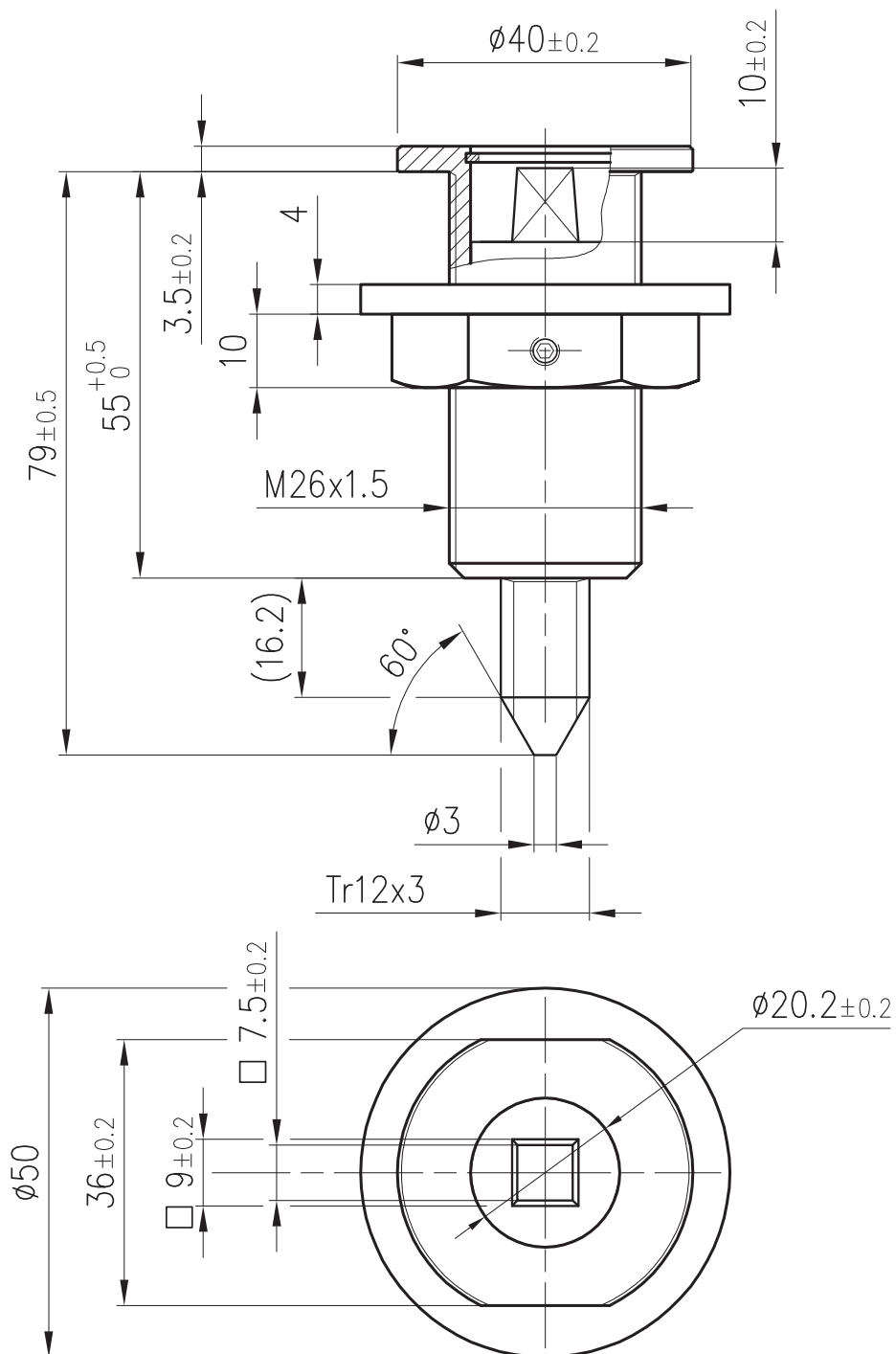
FAST.LOC reference	0232ING
Description	Spring loaded cam lock, railways square head
Material / Finishing	Zamak/Nikel plated
Project	Vossloh Locomotives



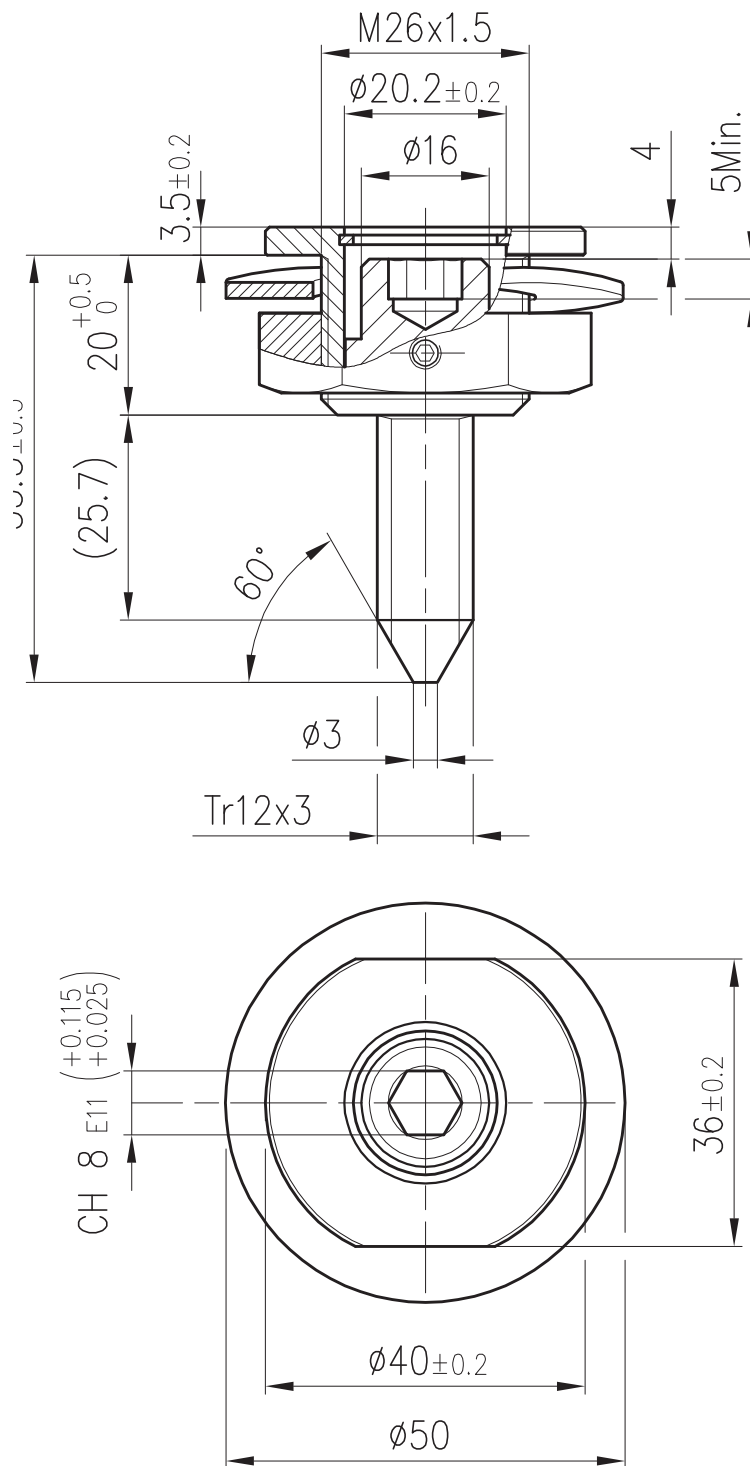
FAST.LOC reference	0233ING
Description	Spring loaded cam lock, railways square head
Material / Finishing	Zamak/Nikel plated
Project	Various



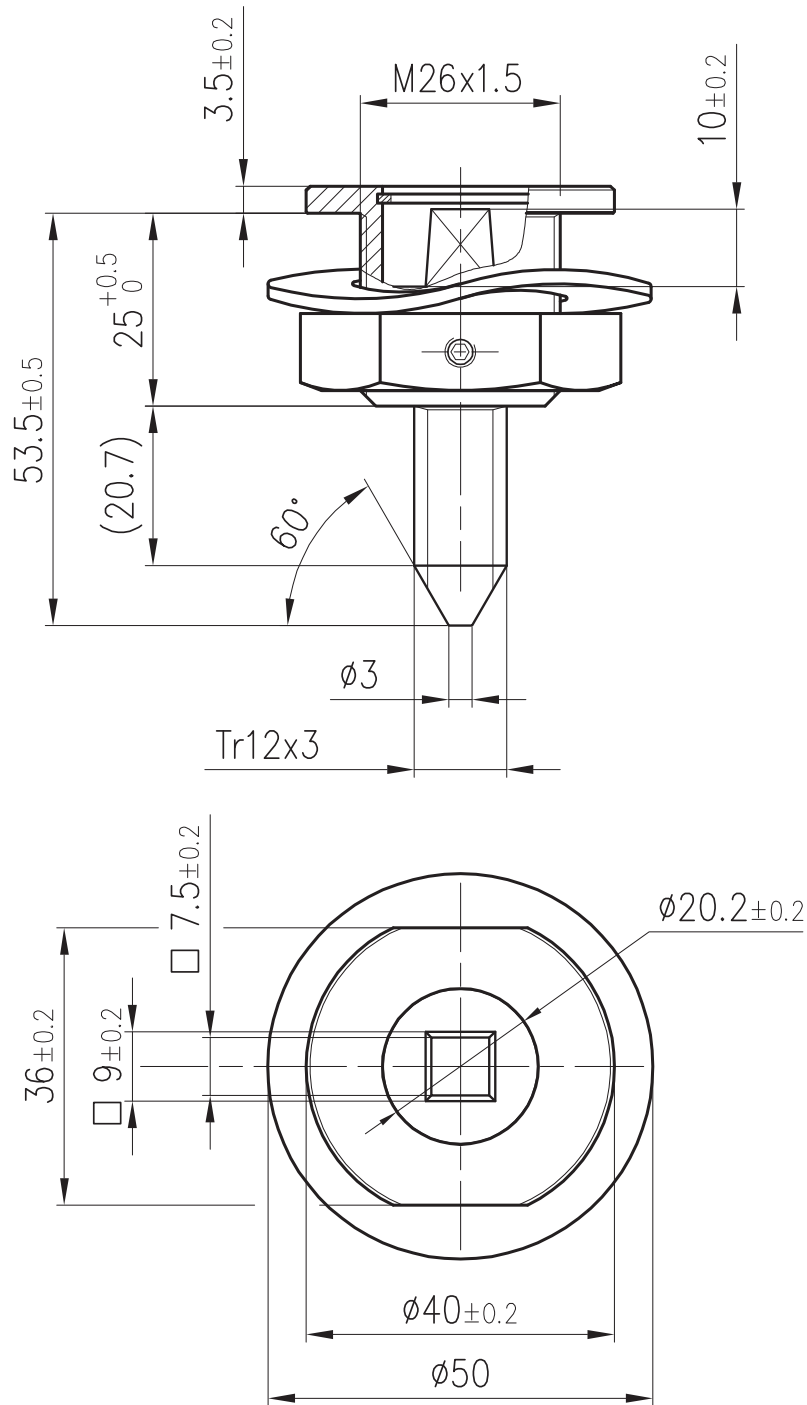
FAST.LOC reference	0235ING
Description	Captive screw with grommet
Material / Finishing	Carbon steel/Nikel plated
Project	ETR Finland



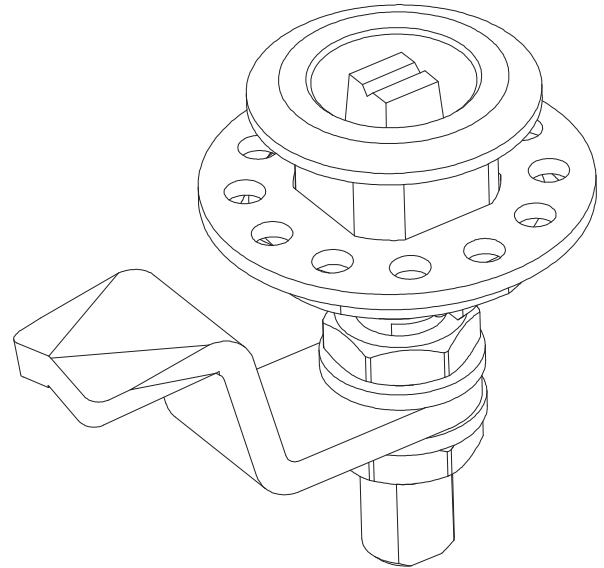
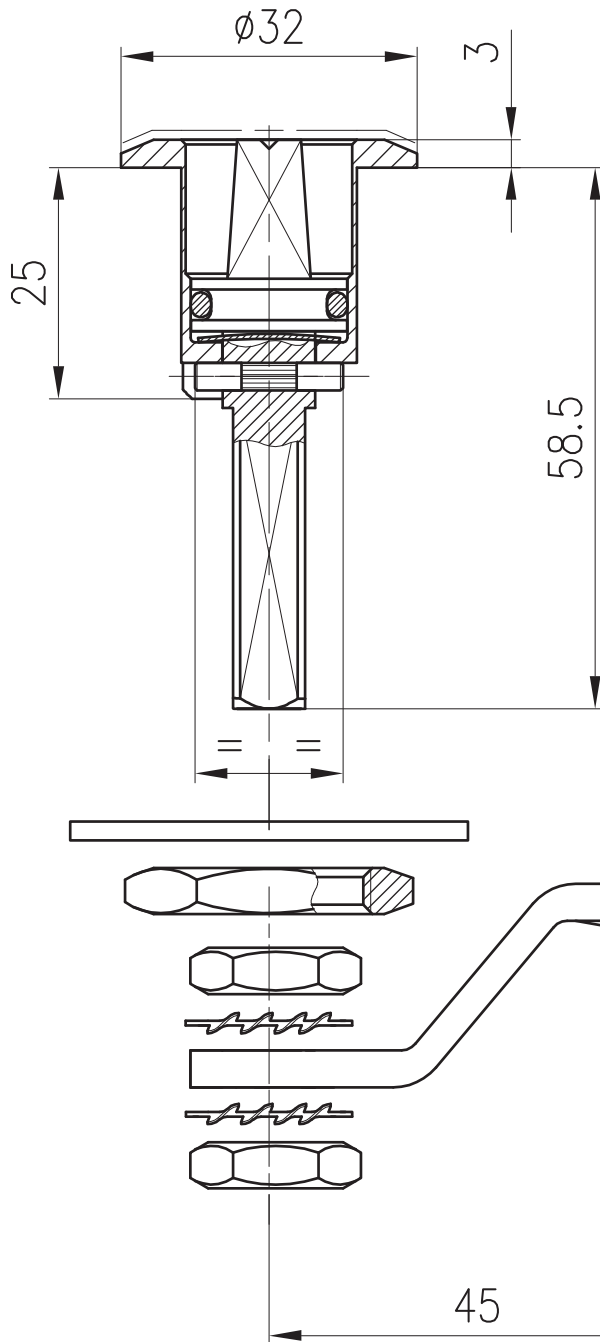
FAST.LOC reference	0167ING
Description	Captive screw with grommet, railways square head
Material / Finishing	Stainless steel/Passivated
Project	Various



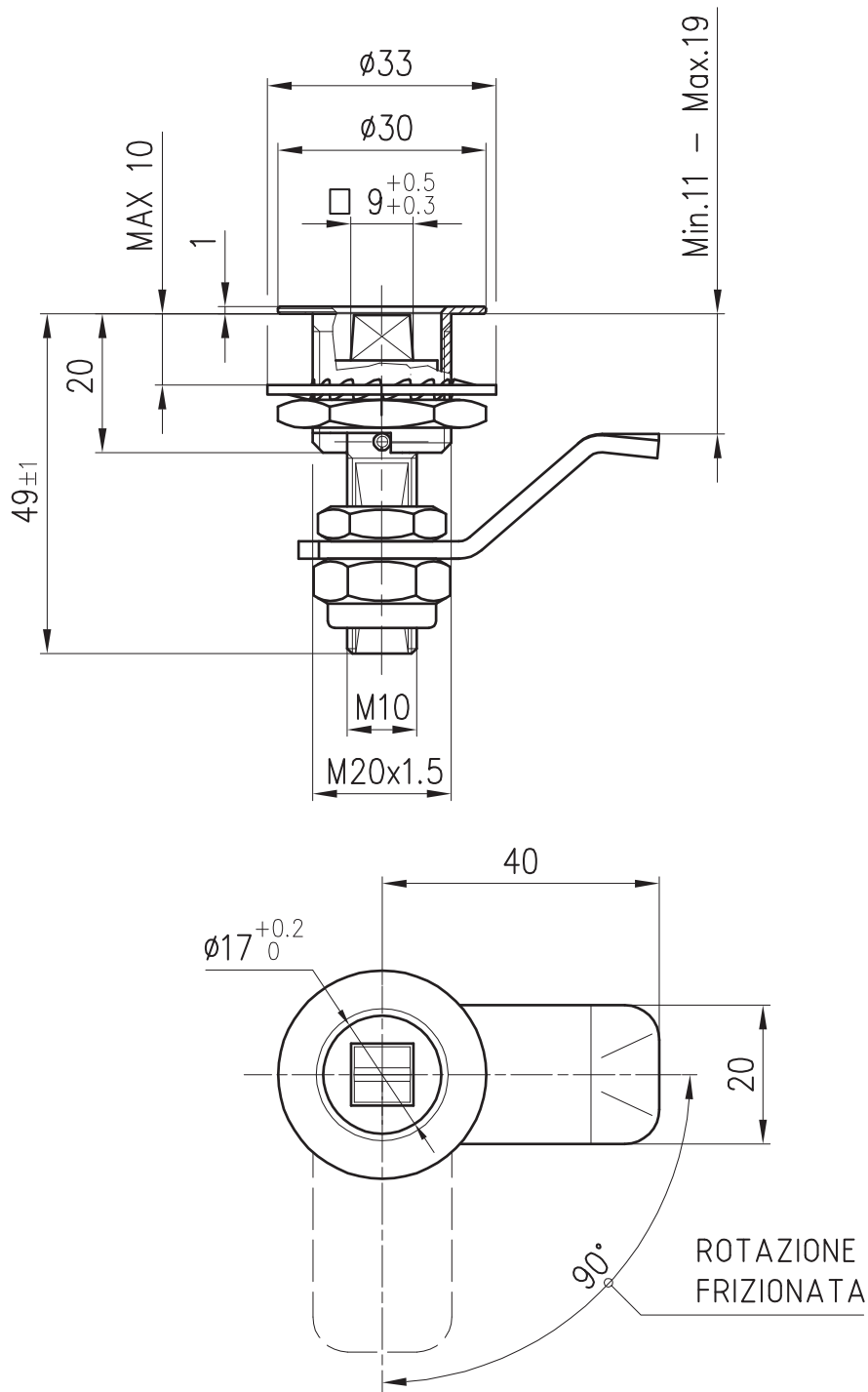
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Description	Captive screw with grommet, railways square head
Material / Finishing	Stainless steel/Passivated
Project	Various



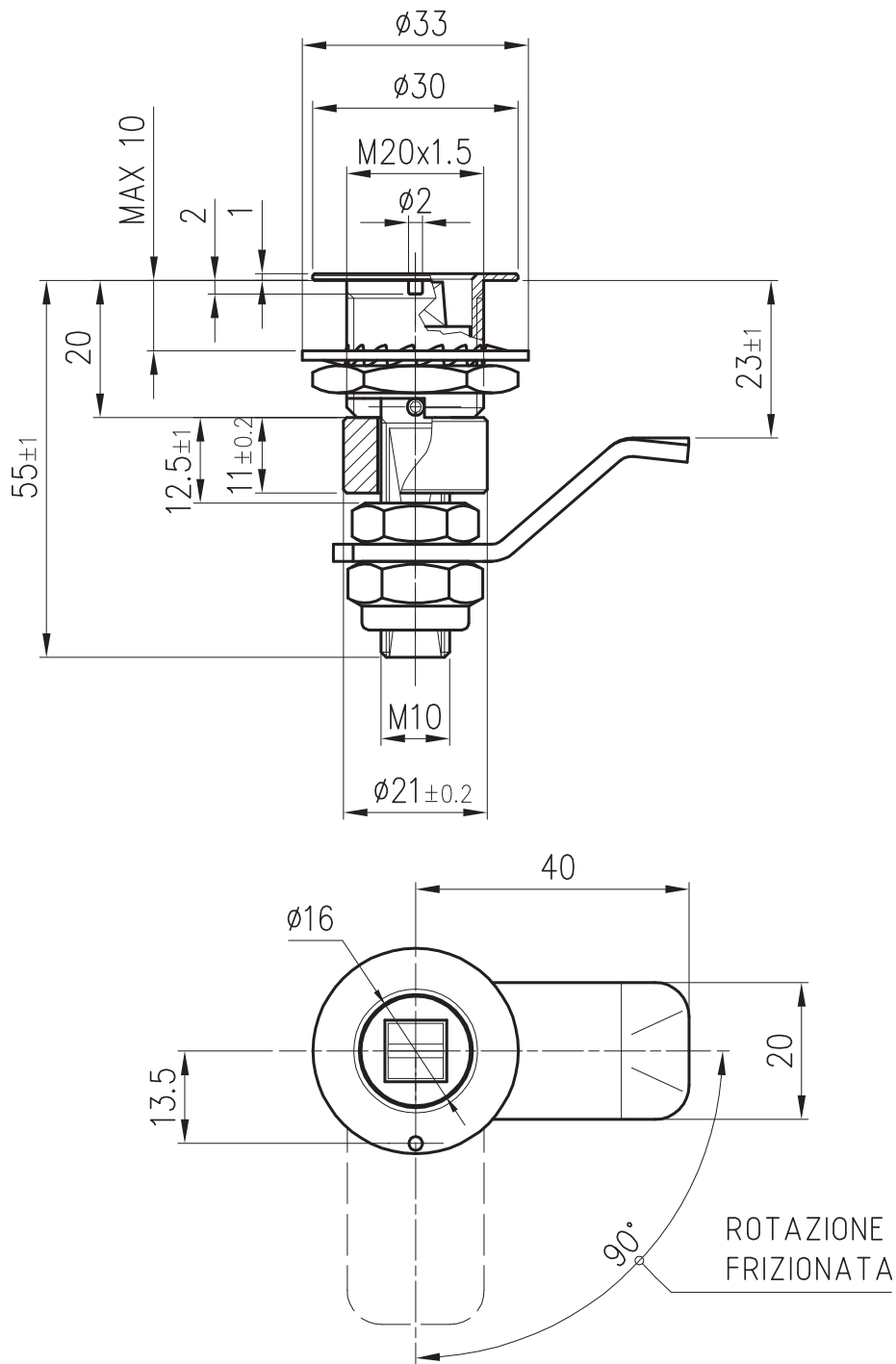
FAST.LOC reference	0153ING
Description	Captive screw with grommet, railways square head
Material / Finishing	Brass
Project	Various



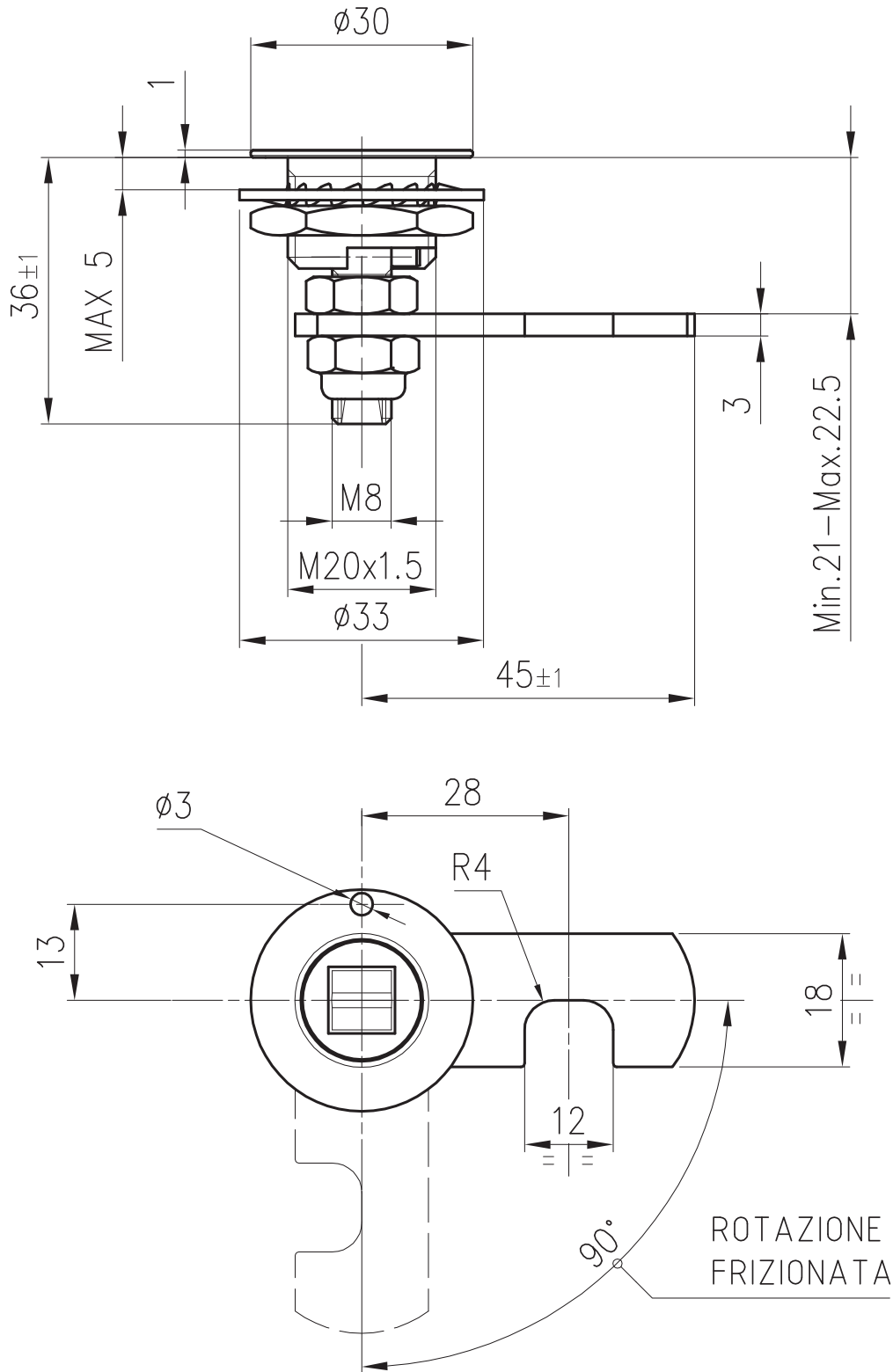
FAST.LOC reference	0401ABL
Description	Cam lock, railways square head
Material / Finishing	Stainless Steel/Mirror polishing
Project	BFG Bahrain



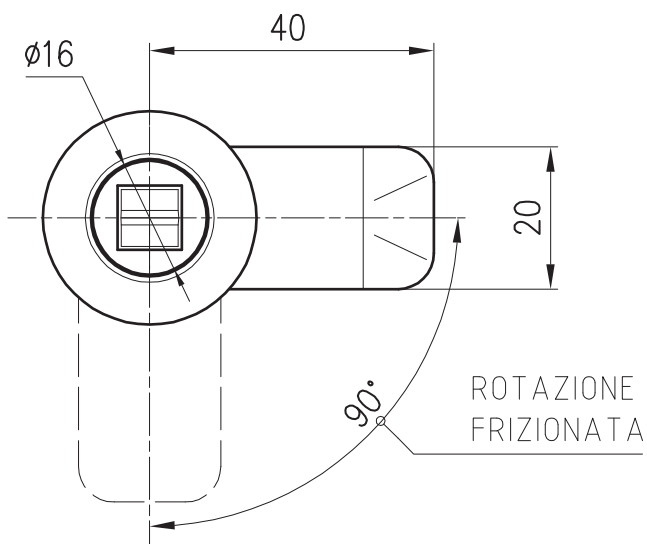
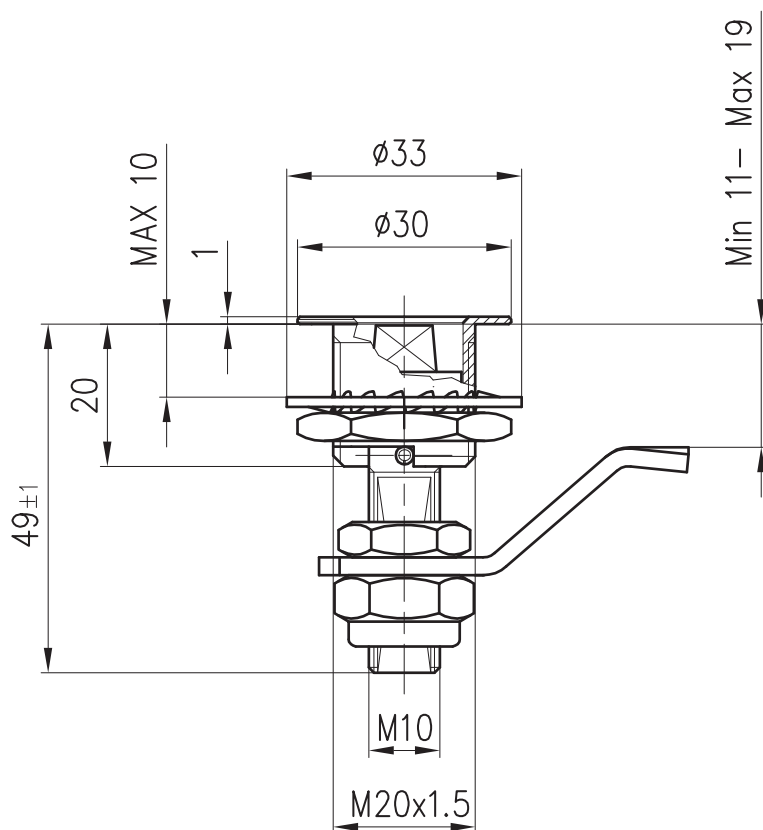
FAST.LOC reference	0054ING
Description	Cam lock, railways square head
Material / Finishing	Stainless Steel/Mirror polishing
Project	Various



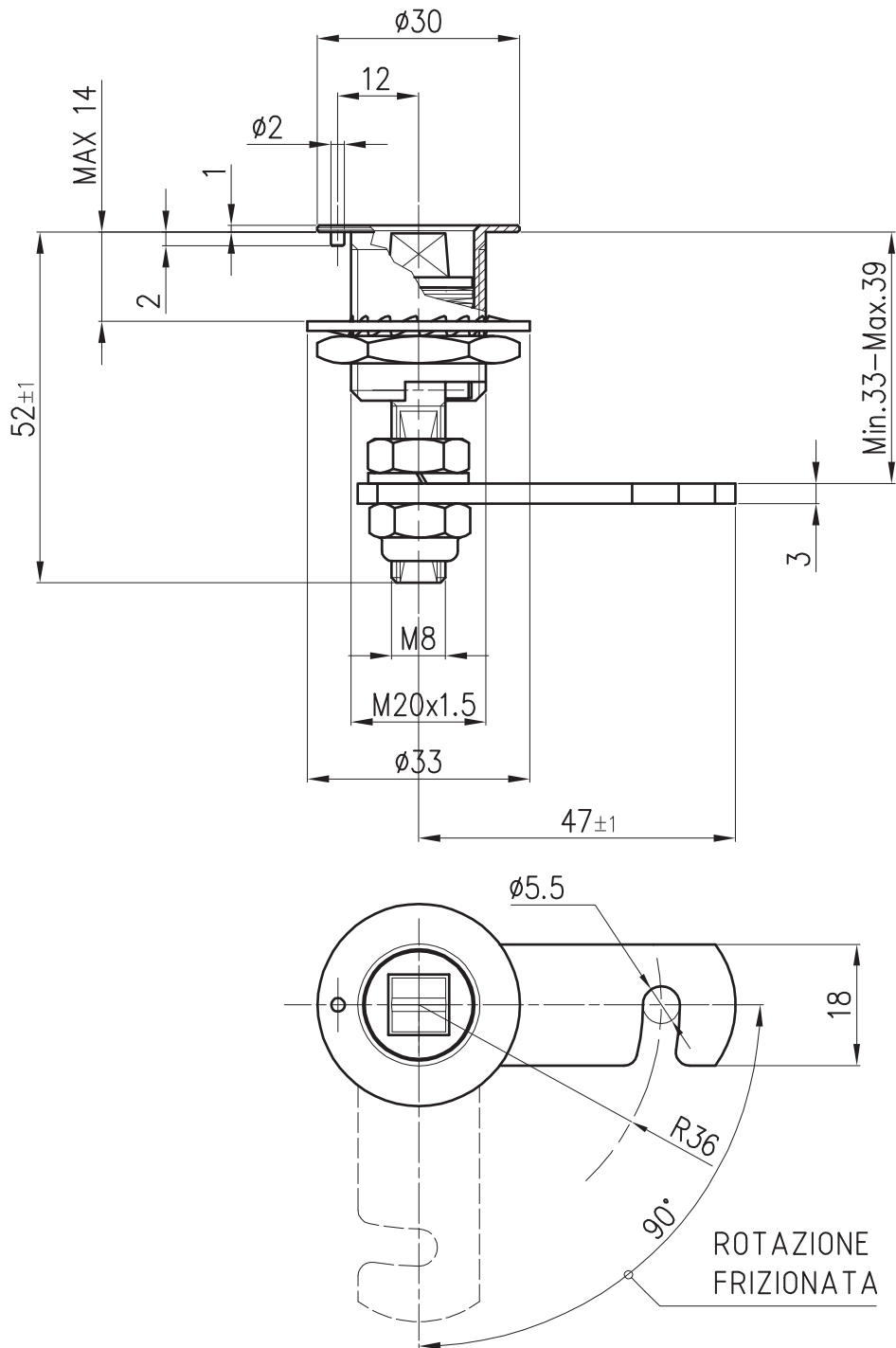
FAST.LOC reference	0042ING
Description	Cam lock, railways square head
Material / Finishing	Stainless Steel/Mirror polishing
Project	Various



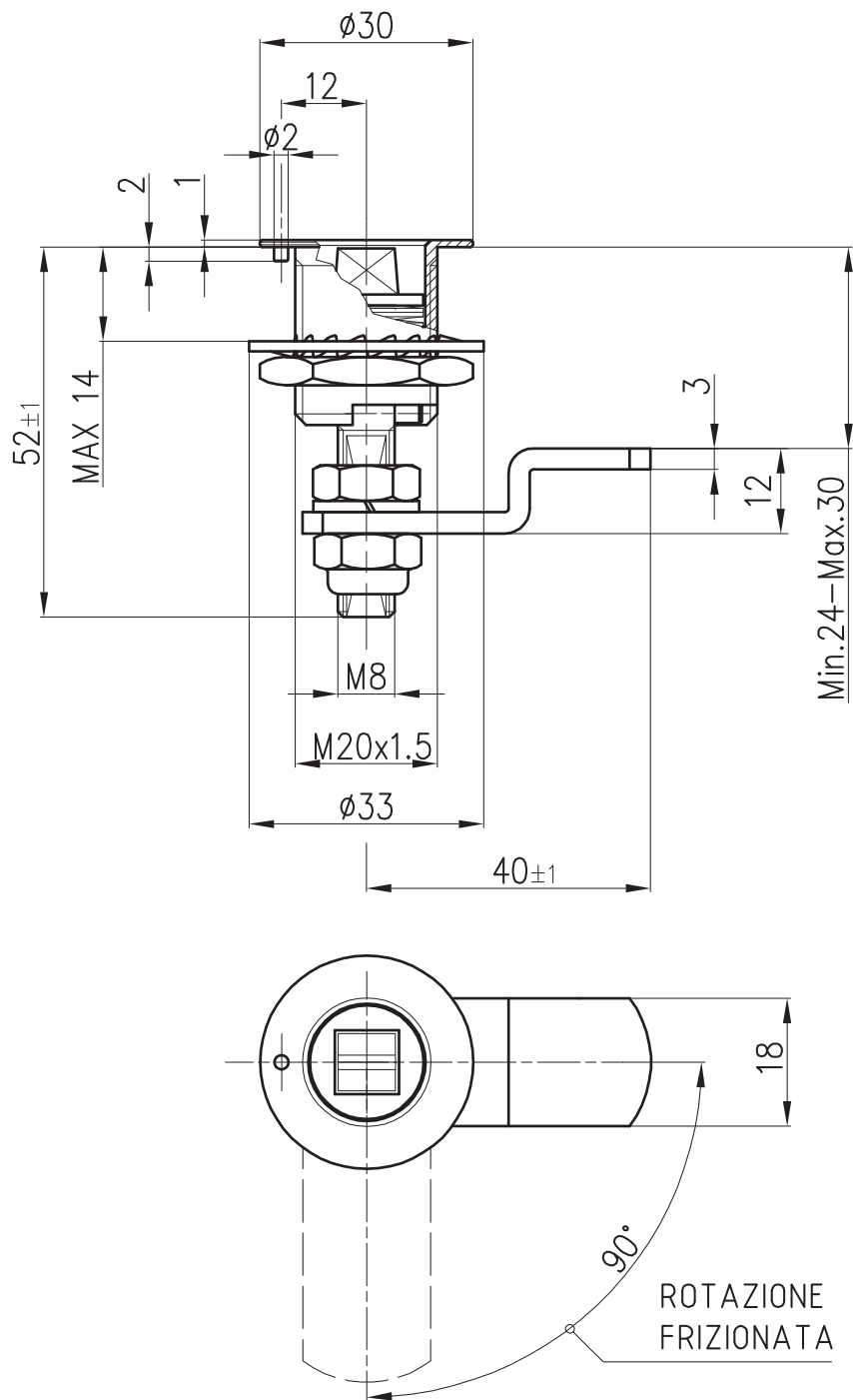
FAST.LOC reference	0033ING
Description	Cam lock, railways square head
Material / Finishing	Brass and carbon steel/Crome and zinc plating
Project	Various



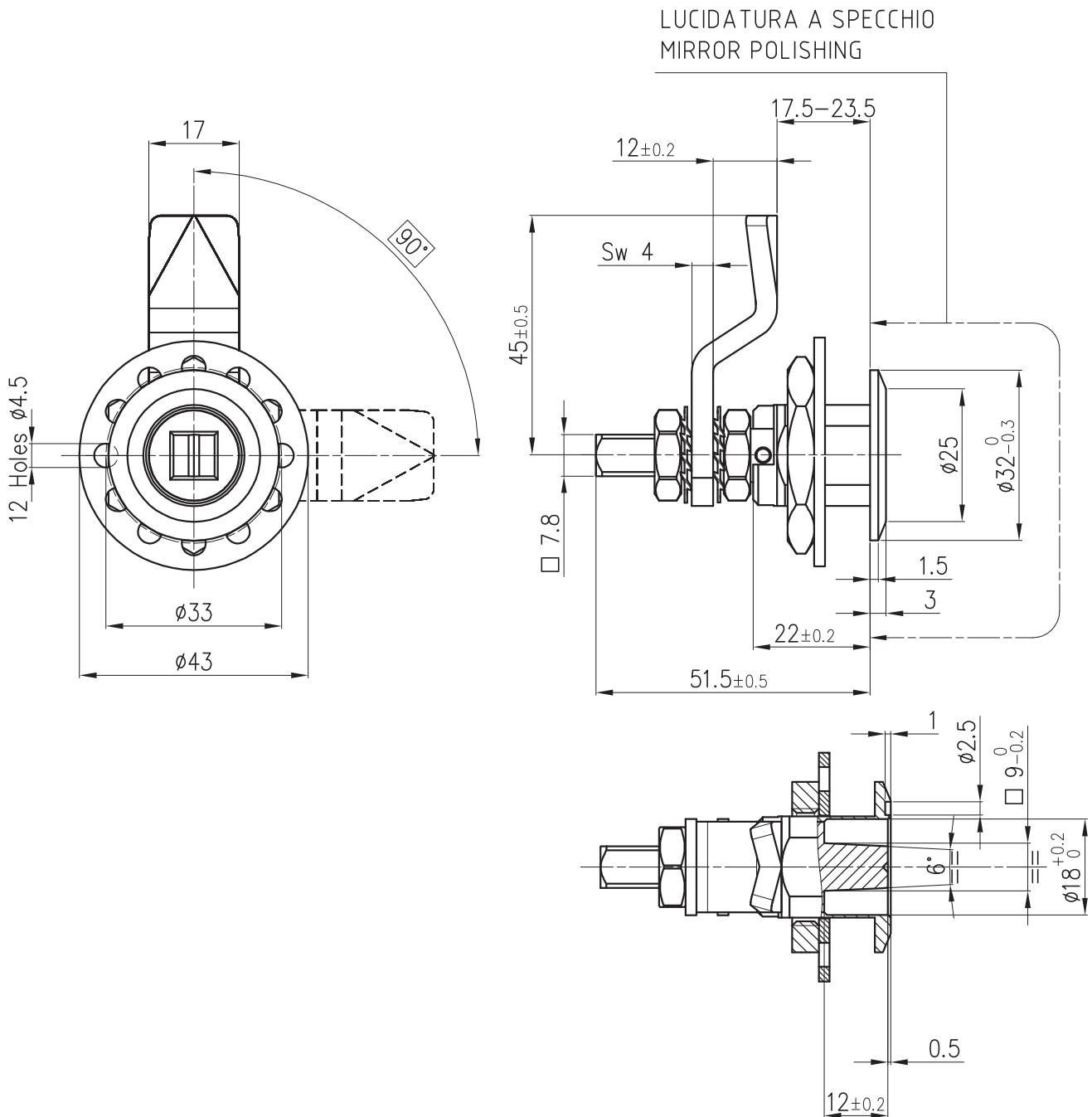
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Description	Cam lock, railways square head
Material / Finishing	Stainless Steel/Mirror polishing
Project	Various



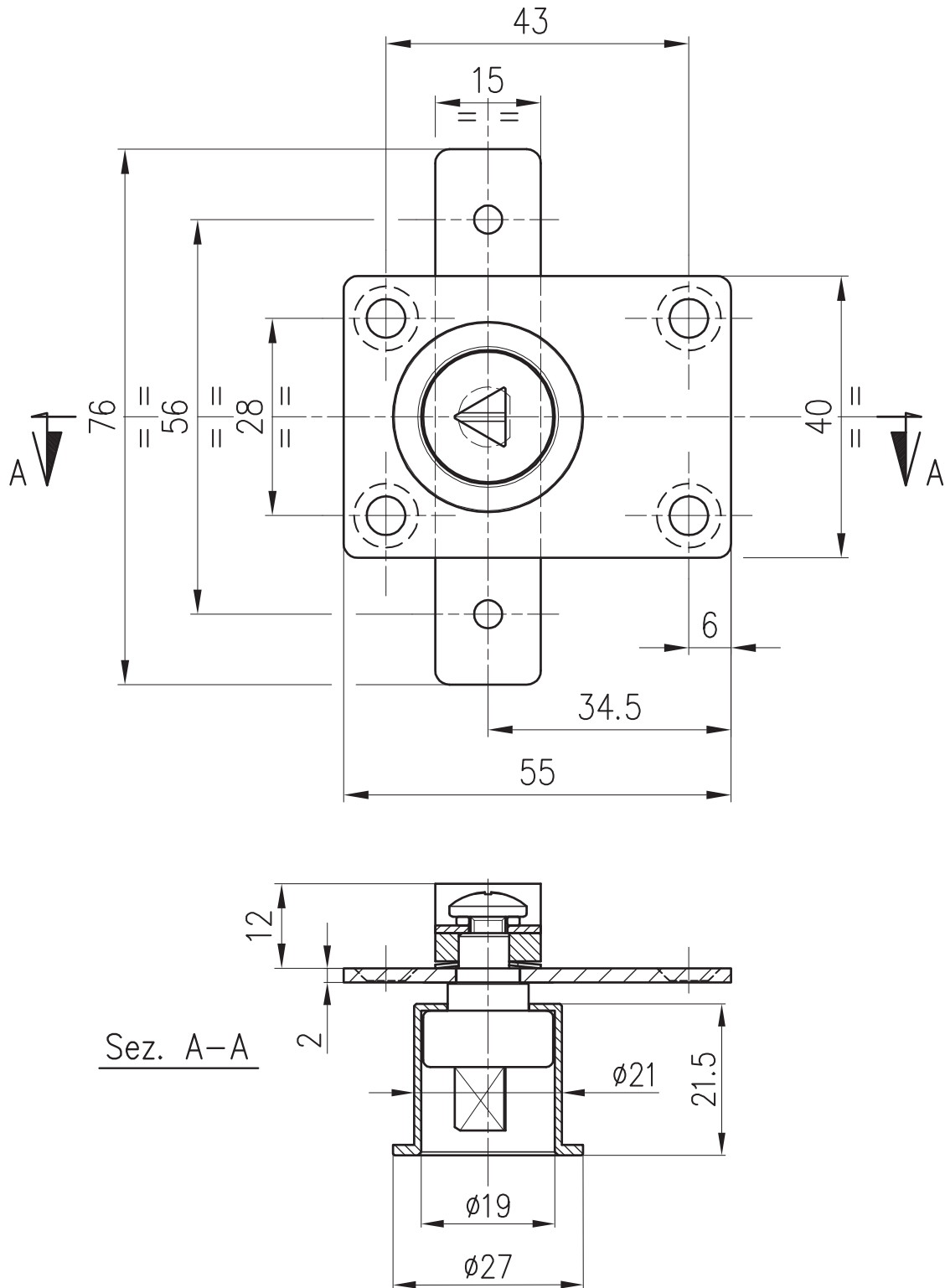
FAST.LOC reference	0037ING
Description	Cam lock, railways square head
Material / Finishing	Carbon steel/Zinc plating - Stainless steel/Passivated
Project	Various



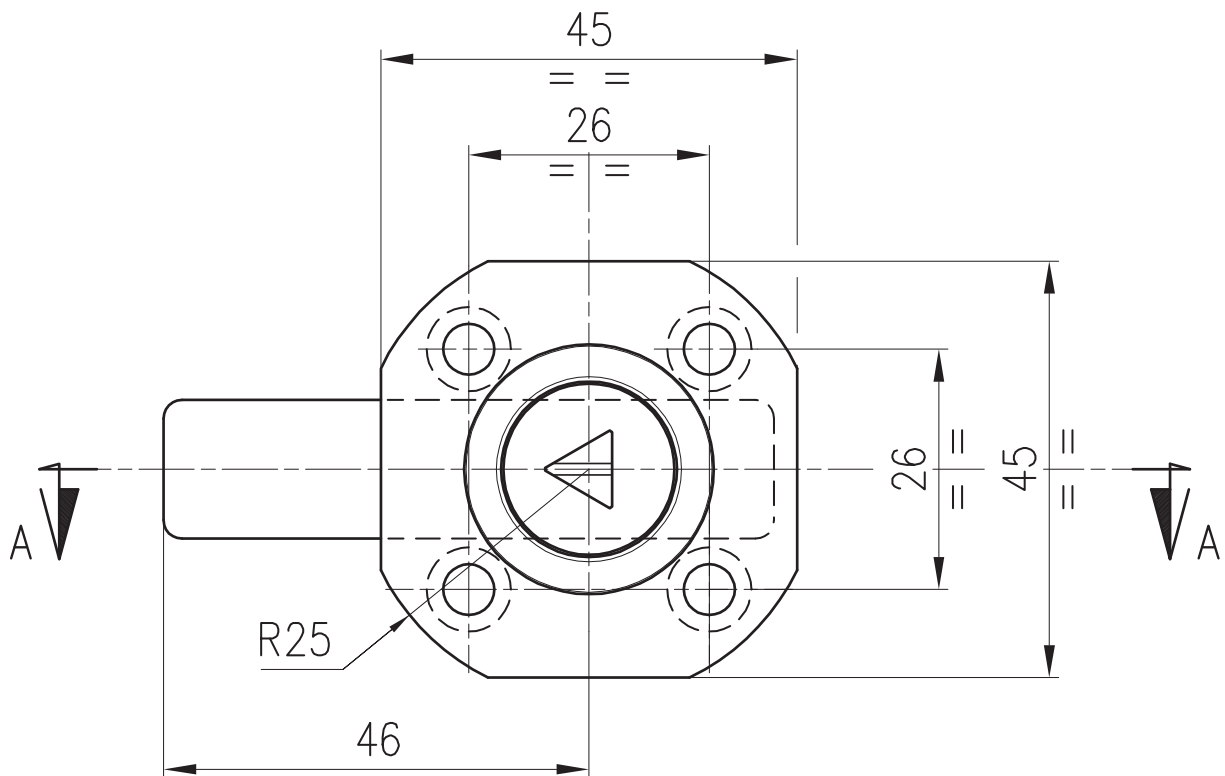
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Description	Cam lock, railways square head
Material / Finishing	Carbon steel/Zinc plating - Stainless steel/Passivated
Project	Various



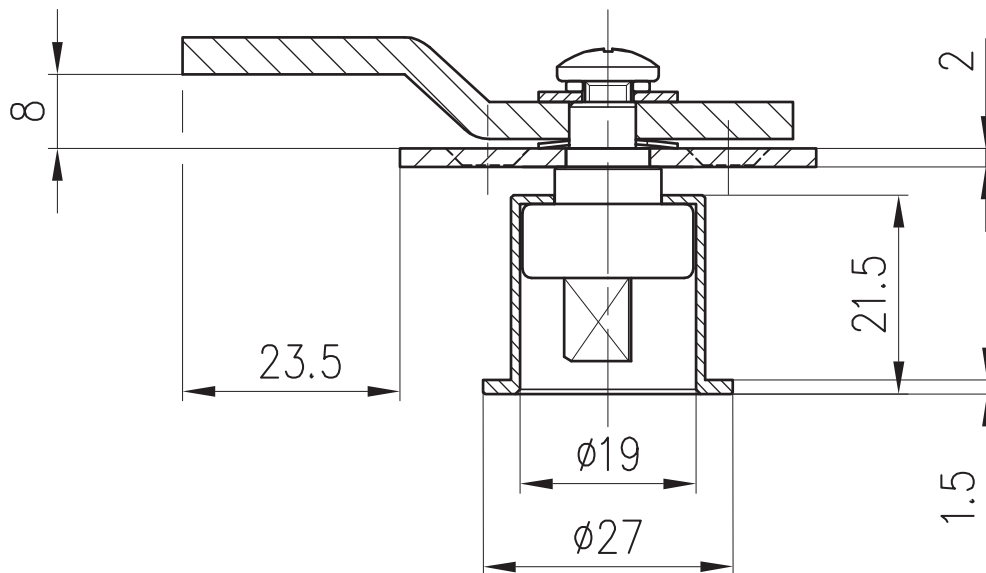
FAST.LOC reference	0420ING
Description	Cam lock, railways square head
Material / Finishing	Stainless steel/Passivated
Project	Various



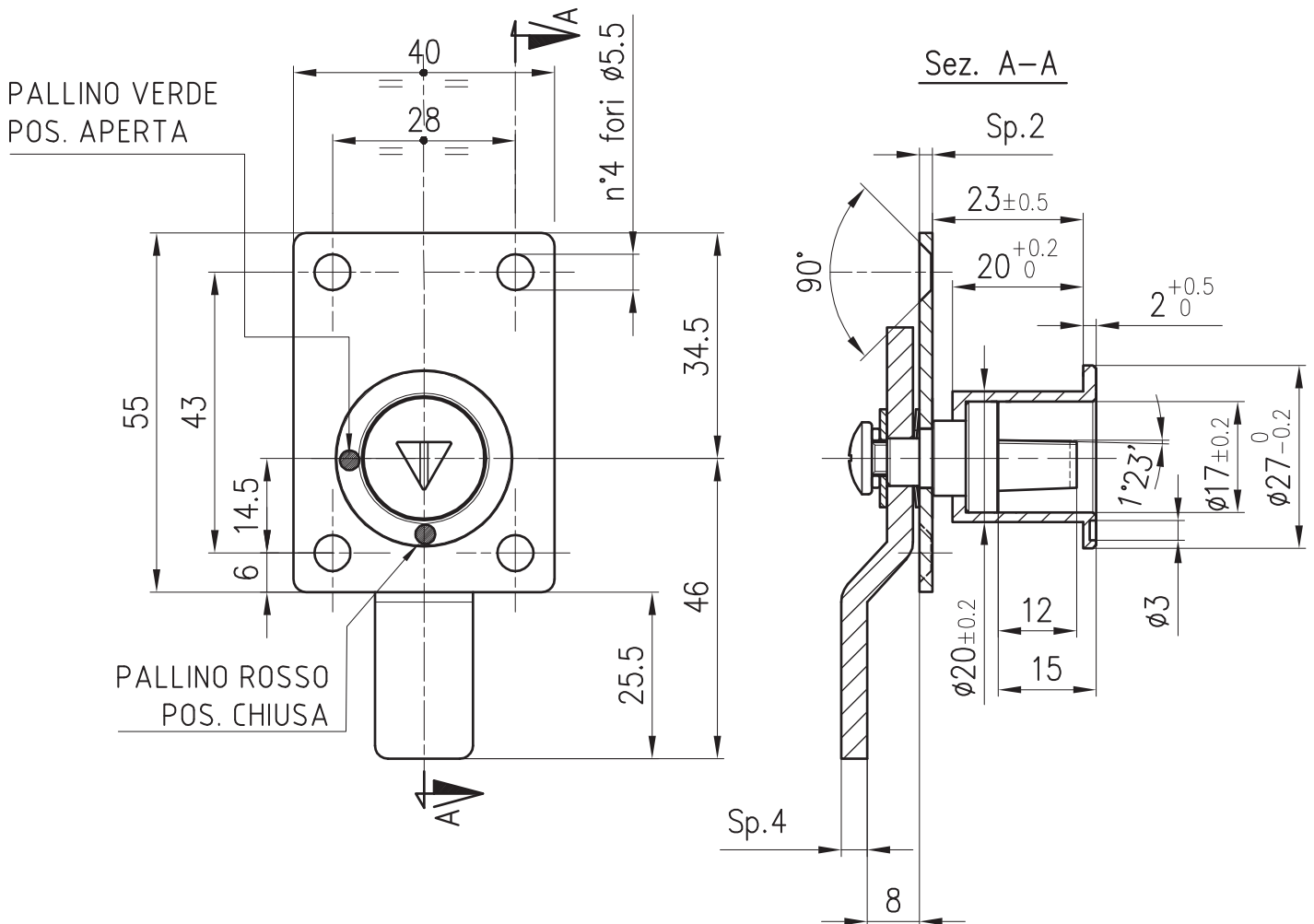
FAST.LOC reference	0292ING
Description	Complete lock assembly, railways square head
Material / Finishing	Carbon steel/Zinc plating
Project	ETR Finland



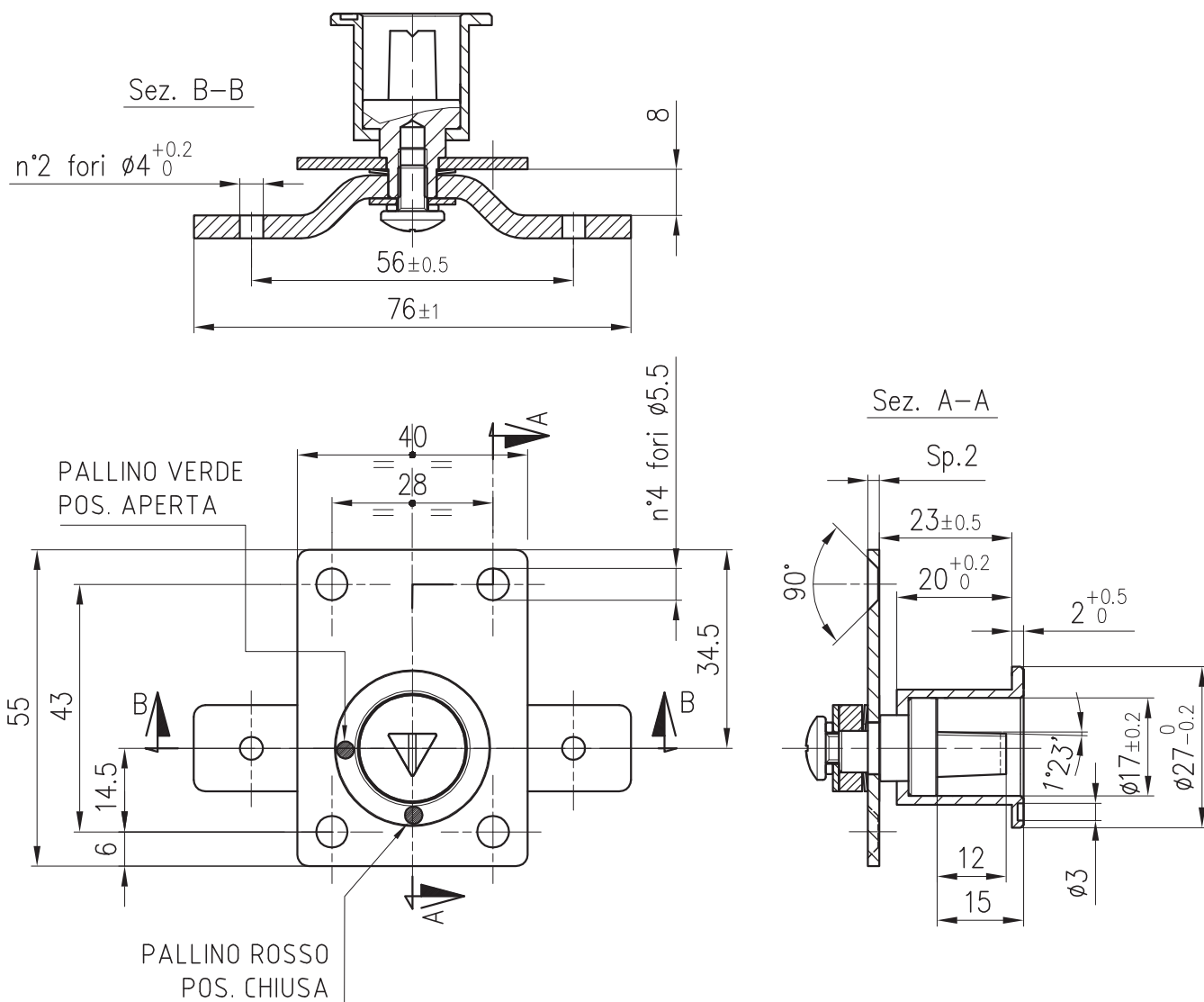
Sez. A-A



FAST.LOC reference	0299ING
Description	Complete lock assembly, triangle head
Material / Finishing	Carbon steel/Zinc plating
Project	ETR Finland



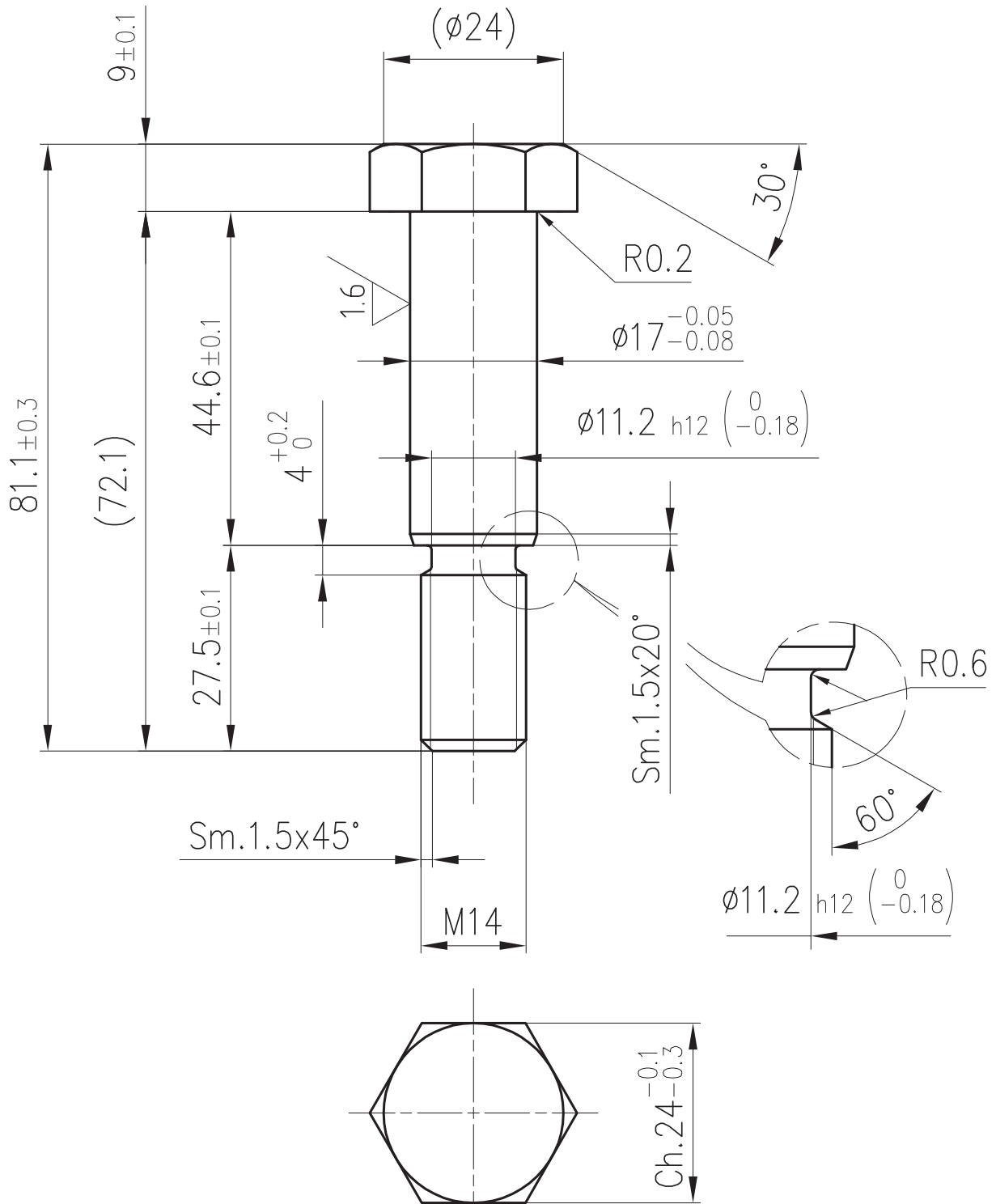
FAST.LOC reference	0386ING
Description	Complete lock assembly, triangle head
Material / Finishing	Stainless steel/Passivated
Project	ETR Finland



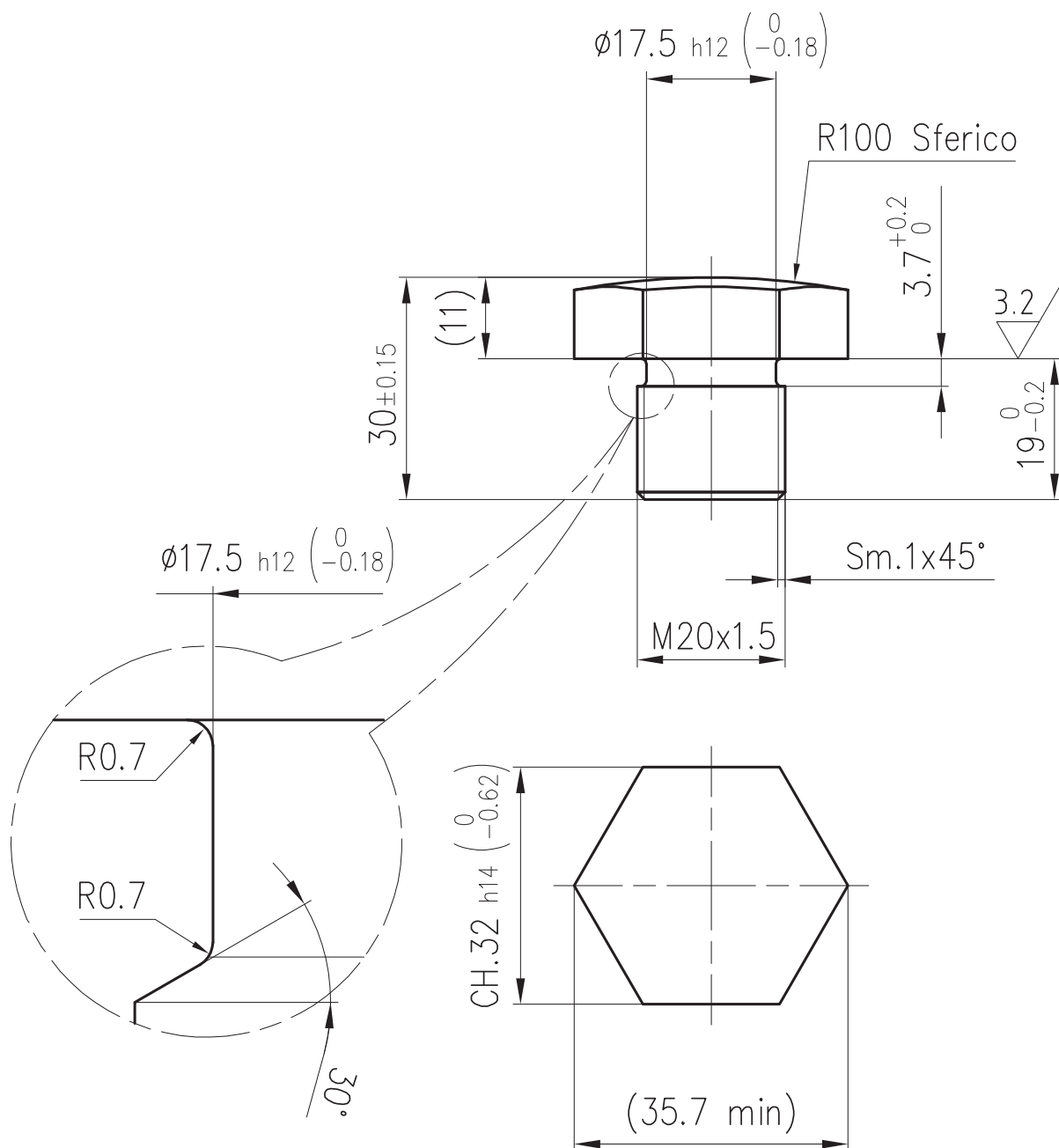
FAST.LOC reference	0388ING
Description	Complete lock assembly, triangle head
Material / Finishing	Stainless steel/Passivated
Project	ETR Finland

Turned parts

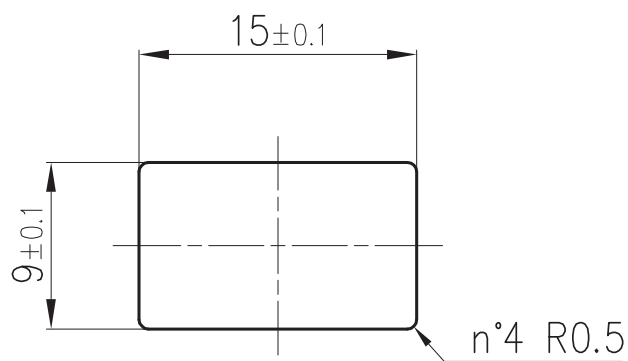
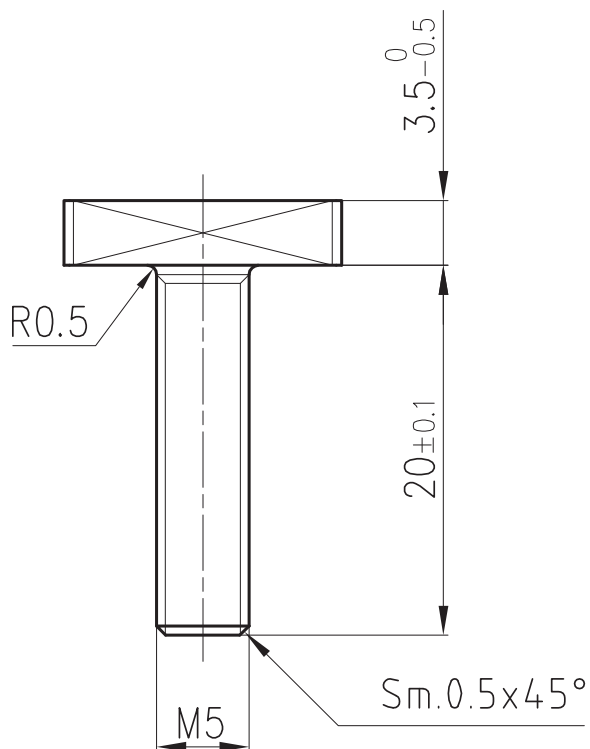
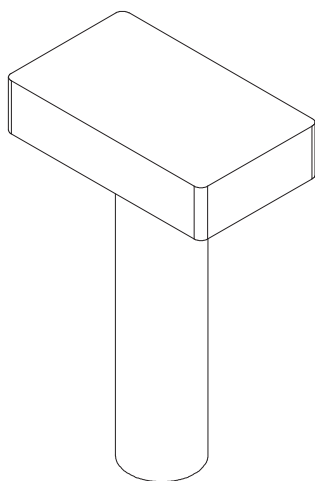




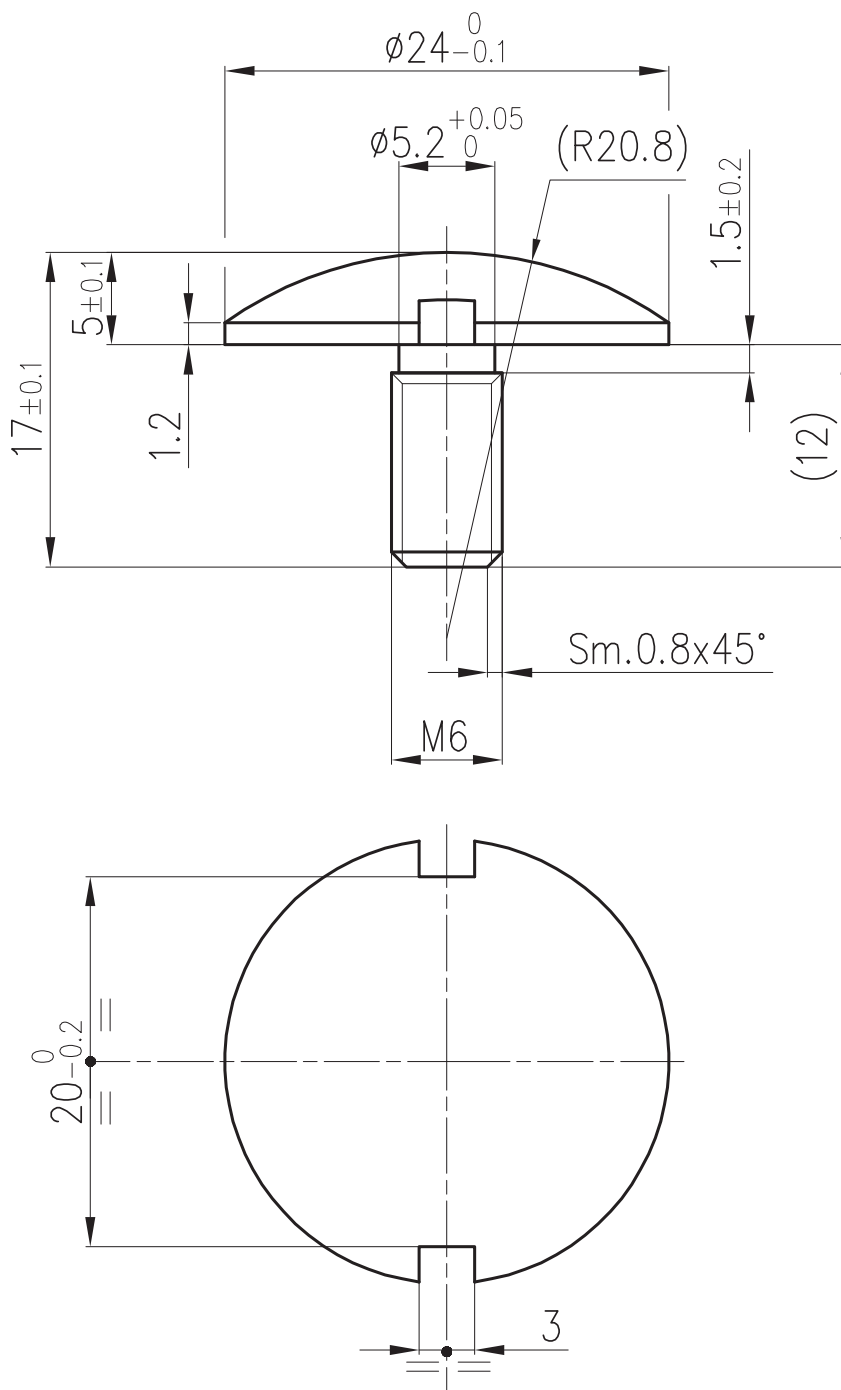
FAST.LOC reference	FLC2129
Description	Special screw
Material / Finishing	42CrMo
Project	EMU China



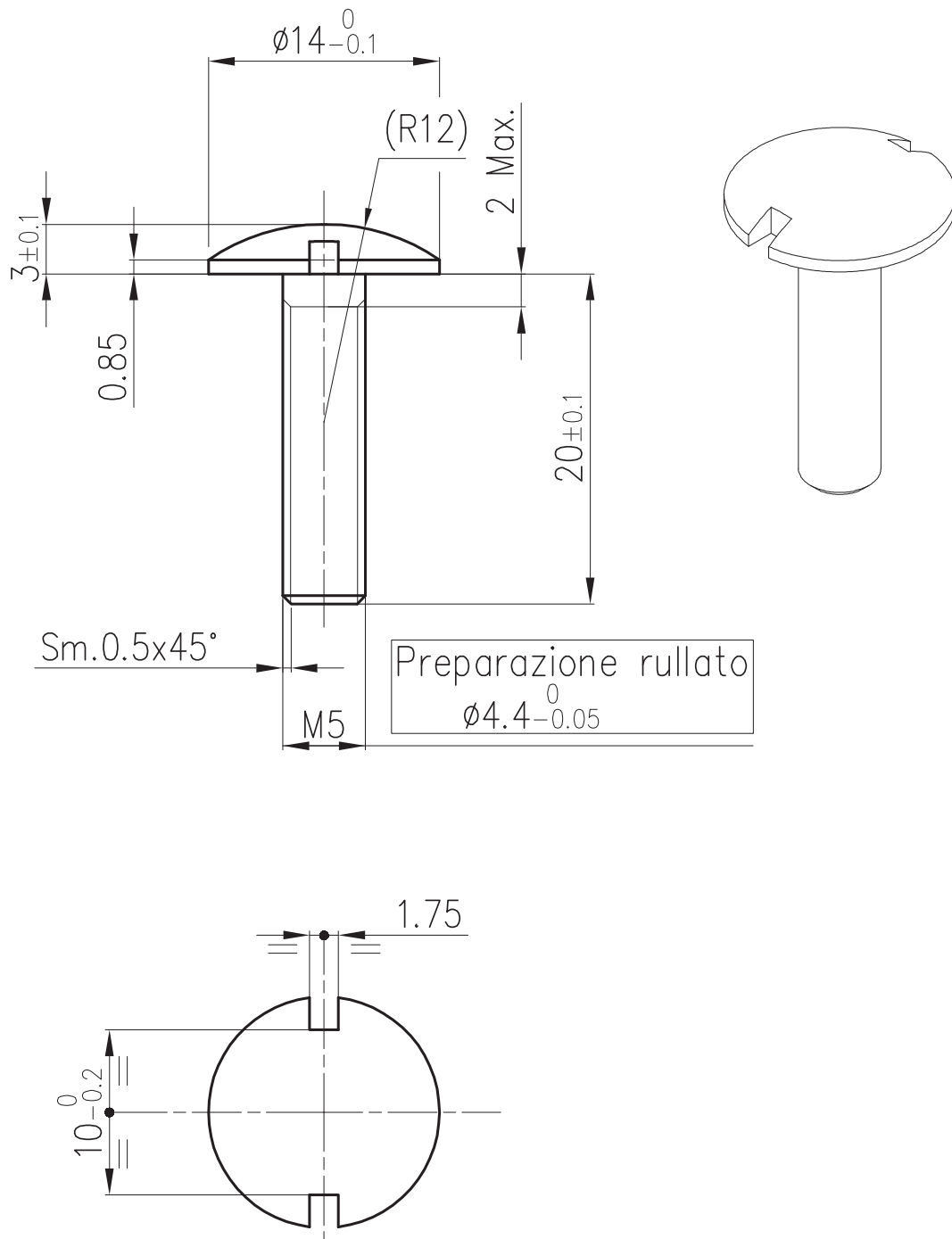
FAST.LOC reference	FLC2264
Description	Special screw
Material / Finishing	36SMnPb14, 8.8, Zinc plating
Project	EMU China



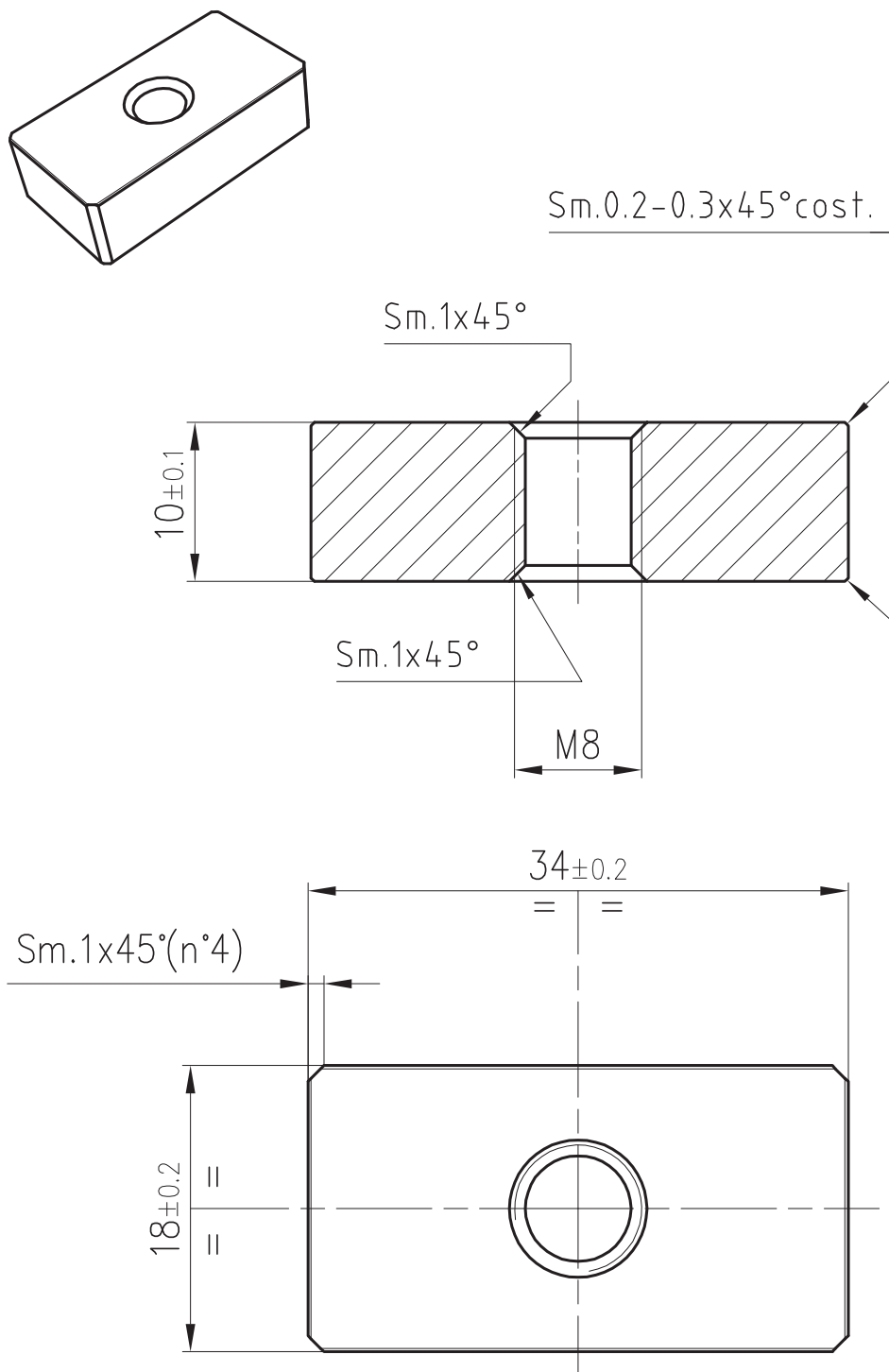
FAST.LOC reference	FLC2399
Description	Special screw
Material / Finishing	C35B, 10.9, Geomet 321-8
Project	Various



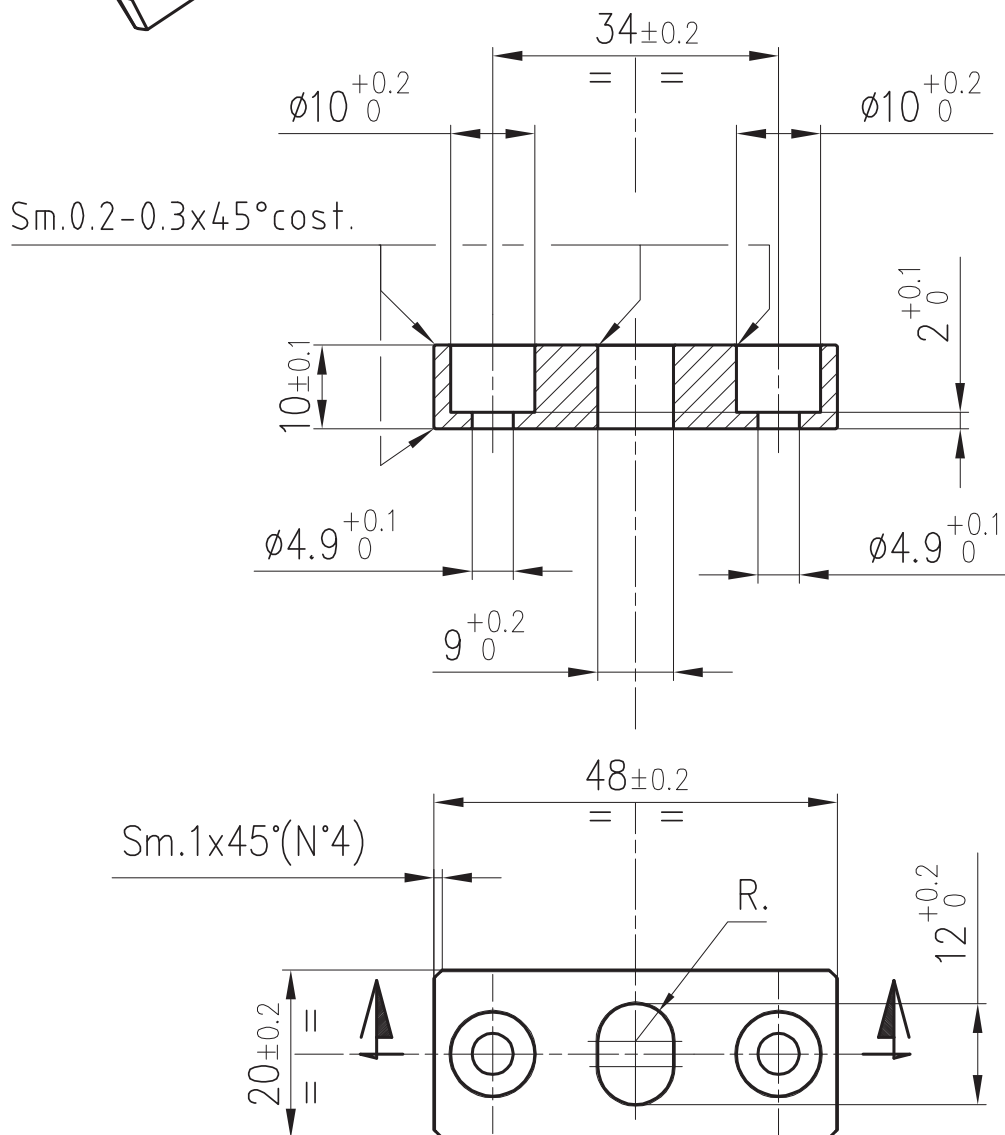
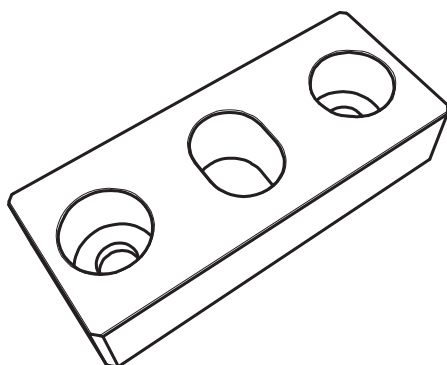
FAST.LOC reference	FLC2364
Description	Special screw
Material / Finishing	Stainless steel AISI303
Project	Various



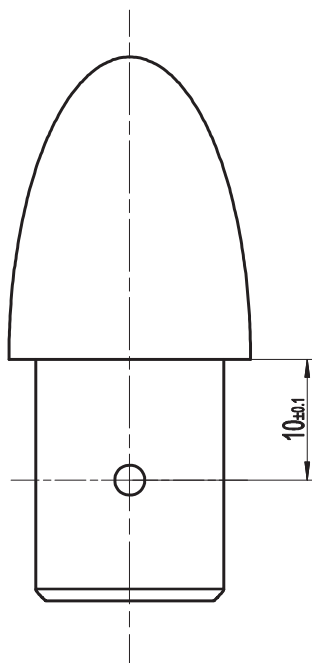
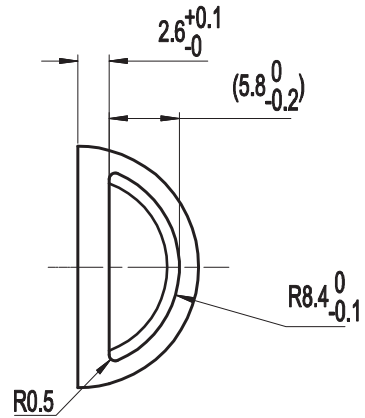
FAST.LOC reference	FLC2412
Description	Special screw
Material / Finishing	Stainless steel AISI303
Project	Various



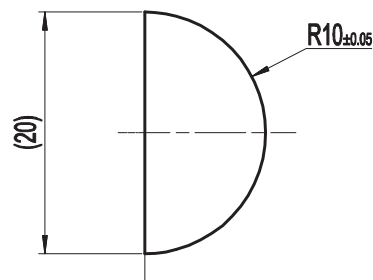
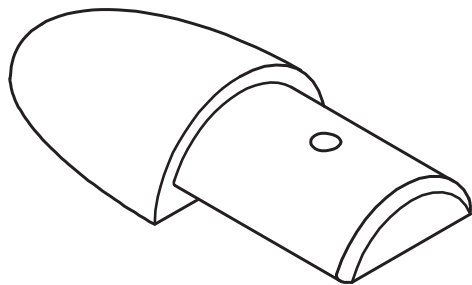
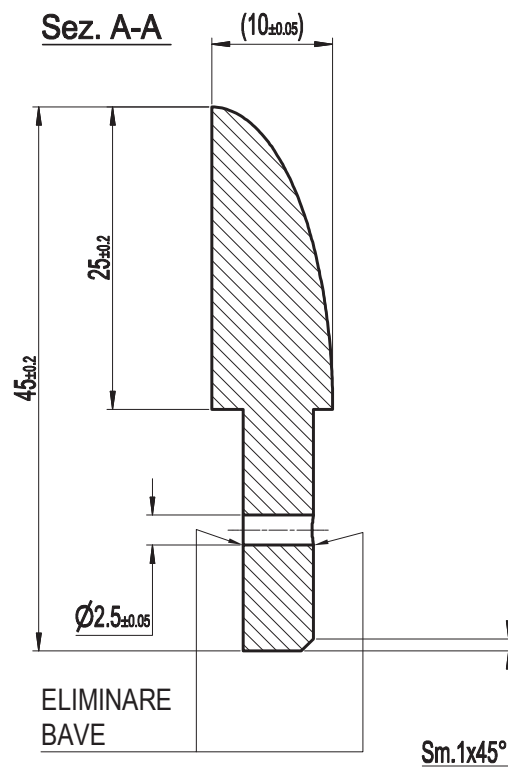
FAST.LOC reference	FLC1997
Description	Plate
Material / Finishing	AISI1030, Zinc plating
Project	Various



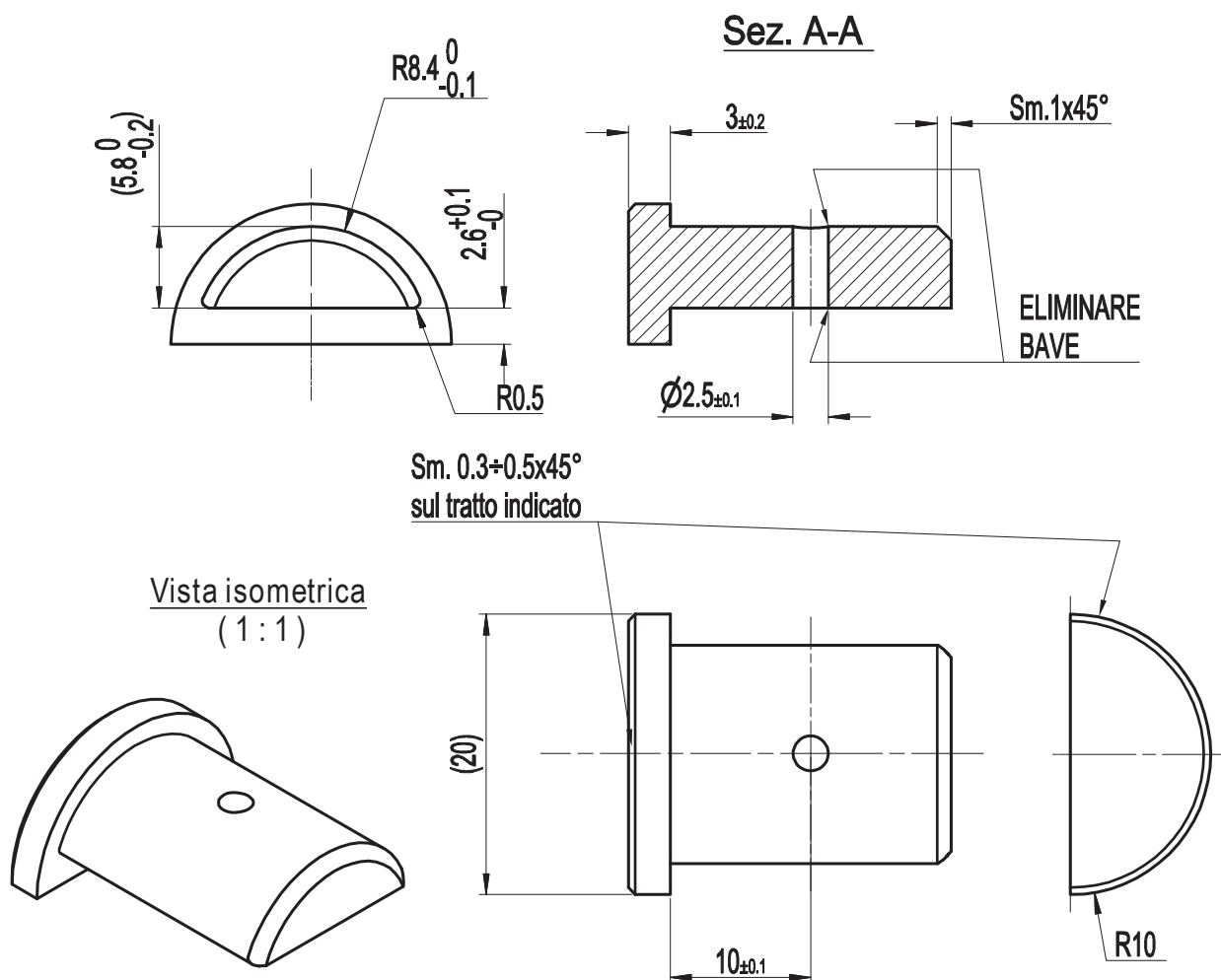
FAST.LOC reference	FLC1996
Description	Plate
Material / Finishing	AISI1030, Zinc plating
Project	Various



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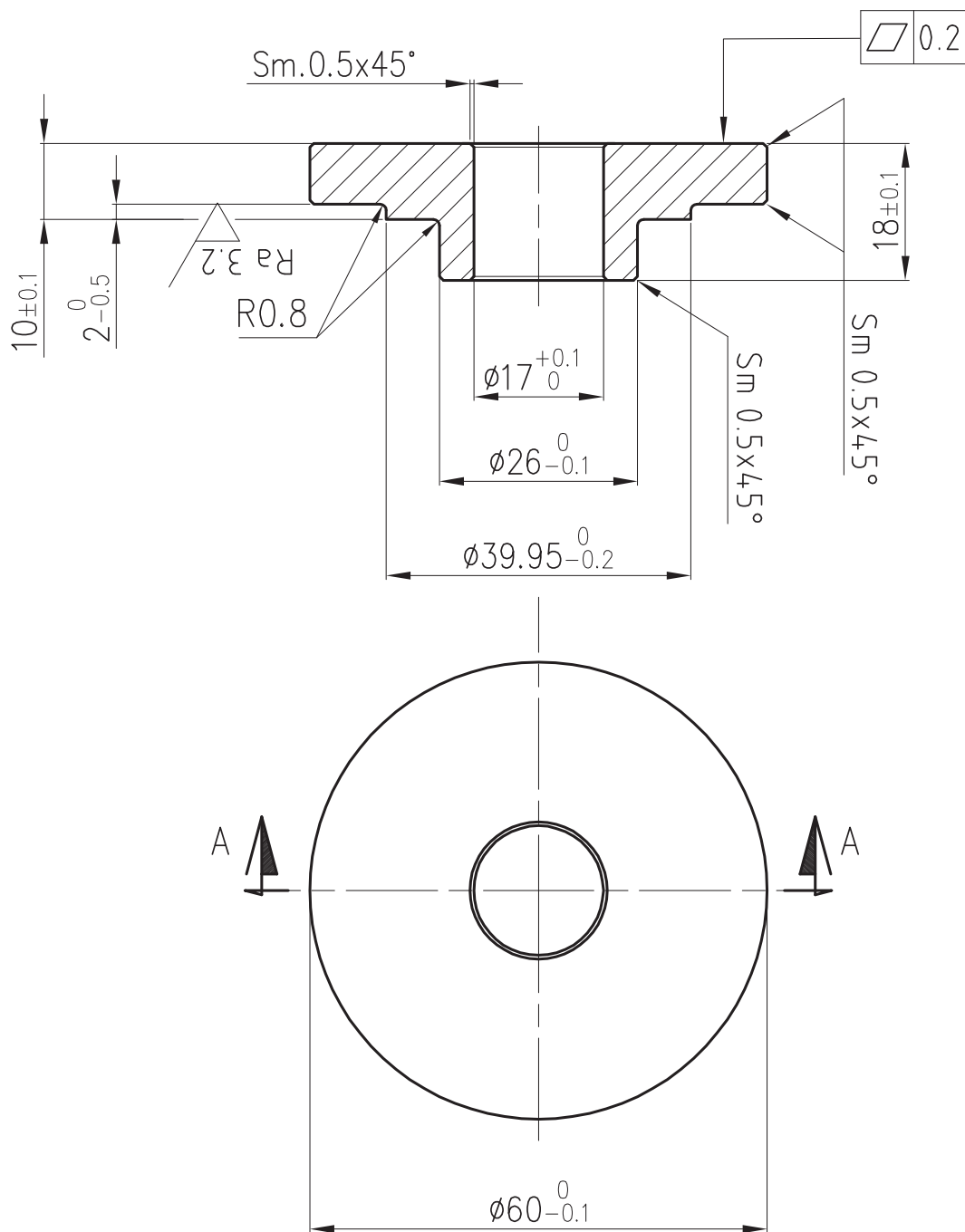


FAST.LOC reference	FLC1603
Description	Bumper head
Material / Finishing	AL11S
Project	ETR 500

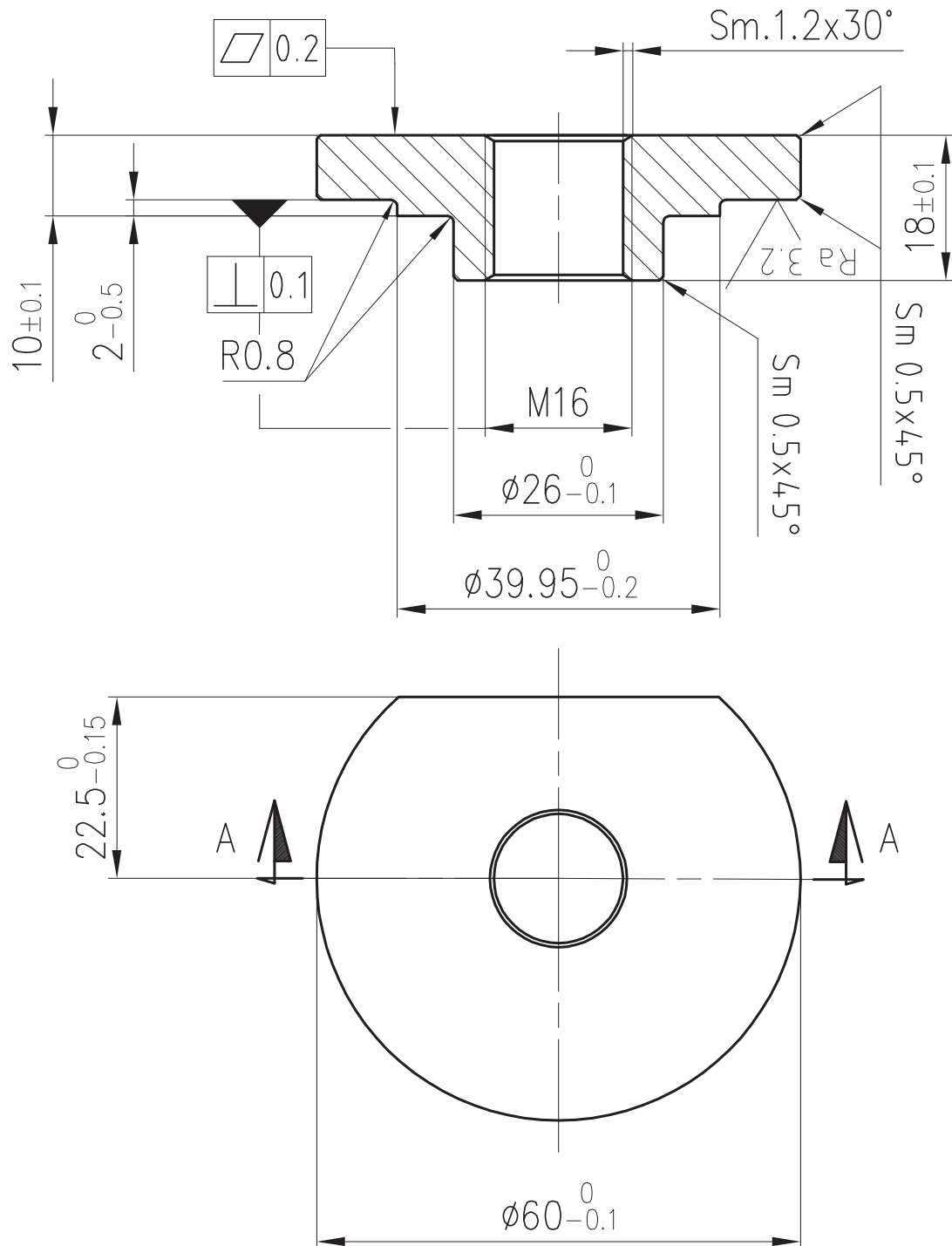


FAST.LOC reference	FLC1832
Description	Bumper head
Material / Finishing	AL11S
Project	ETR 500

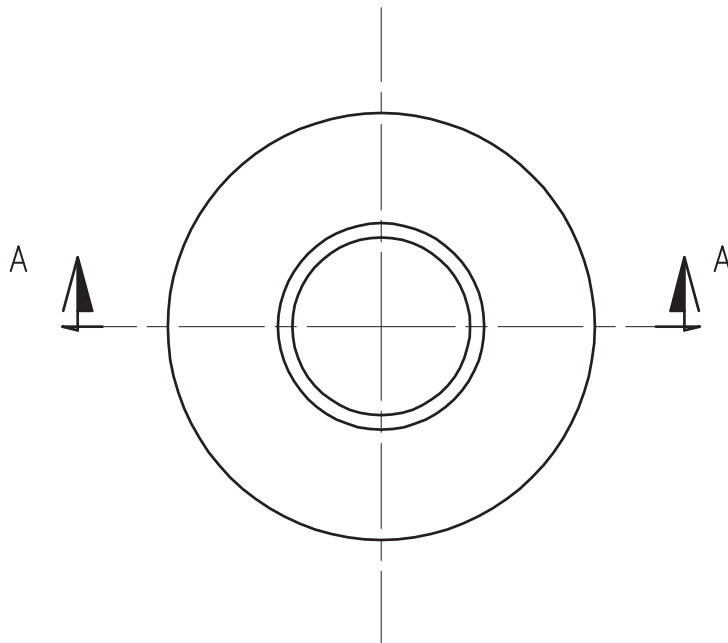
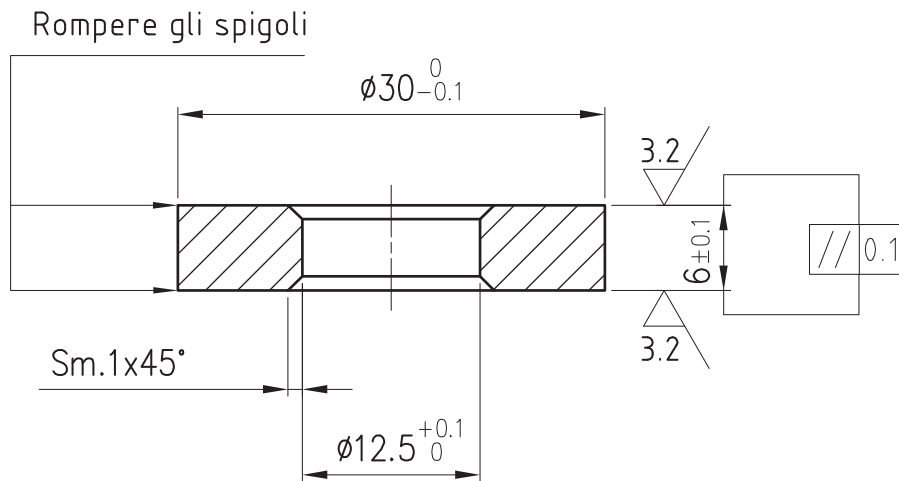
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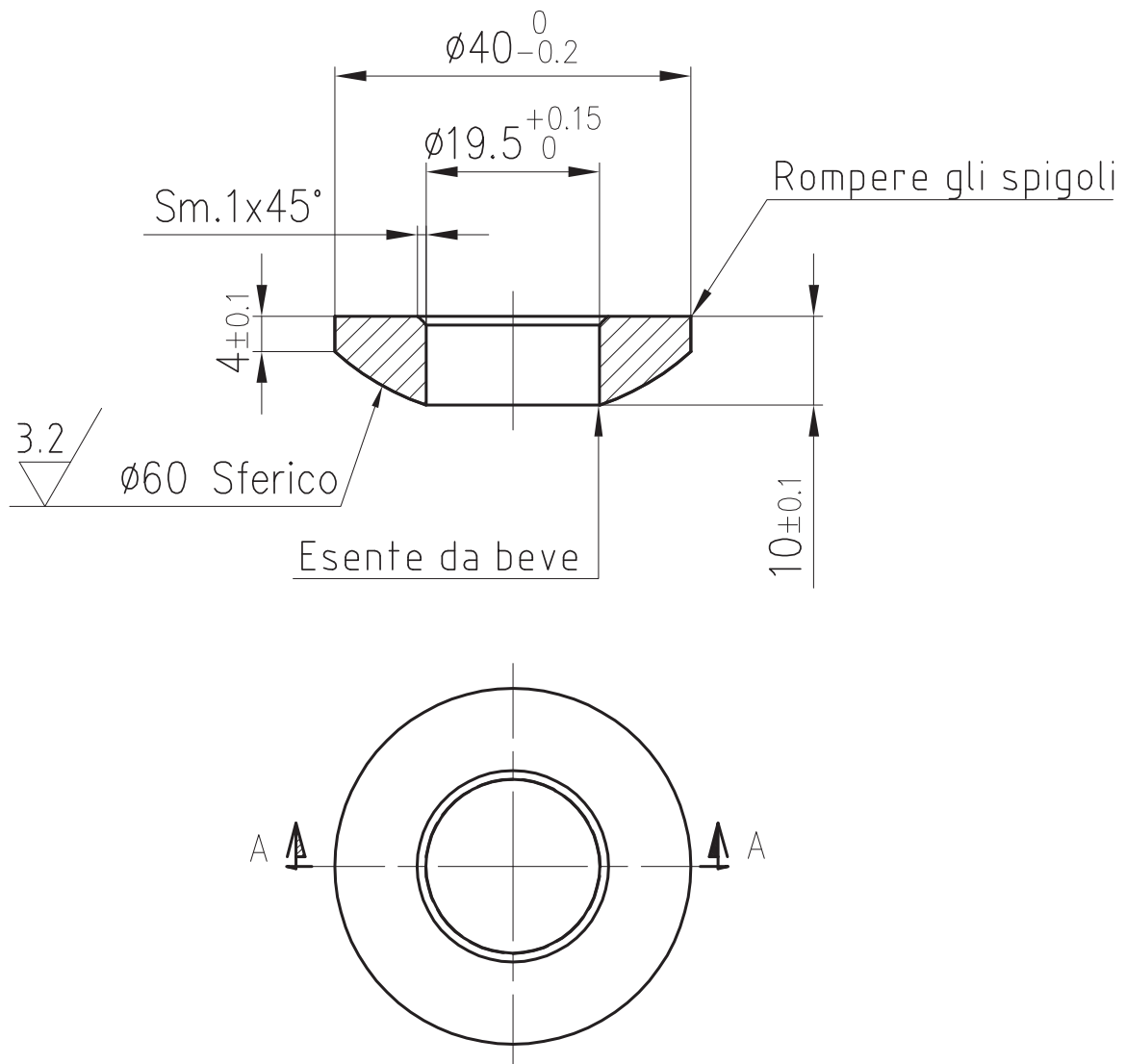
FAST.LOC reference	FLC2262
Description	Grommet
Material / Finishing	36SMnPb14, Zinc plating
Project	EMU China



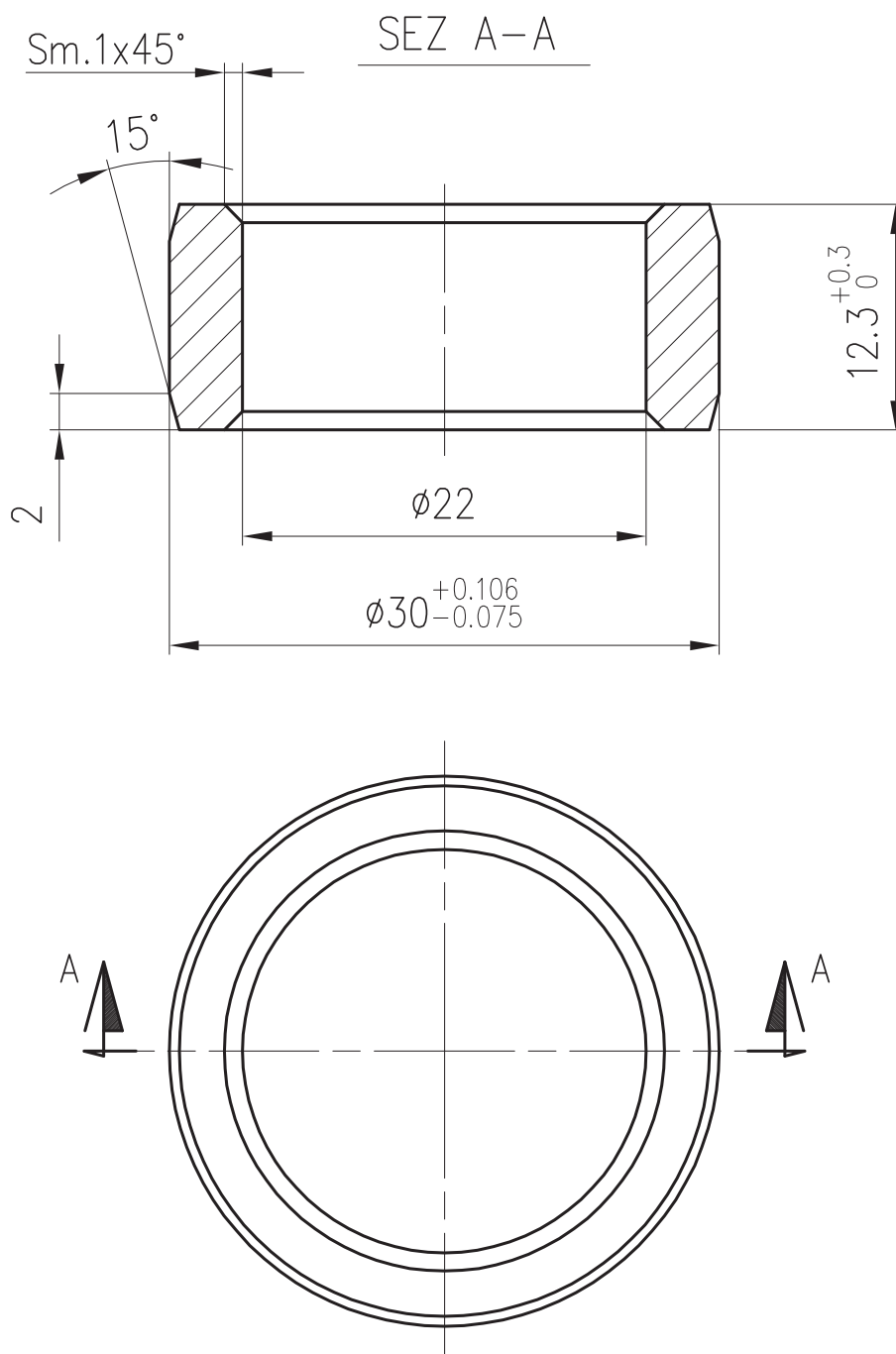
FAST.LOC reference	FLC2262
Description	GROMMET
Material / Finishing	36SMnPb14, Zinc plating
Project	EMU China



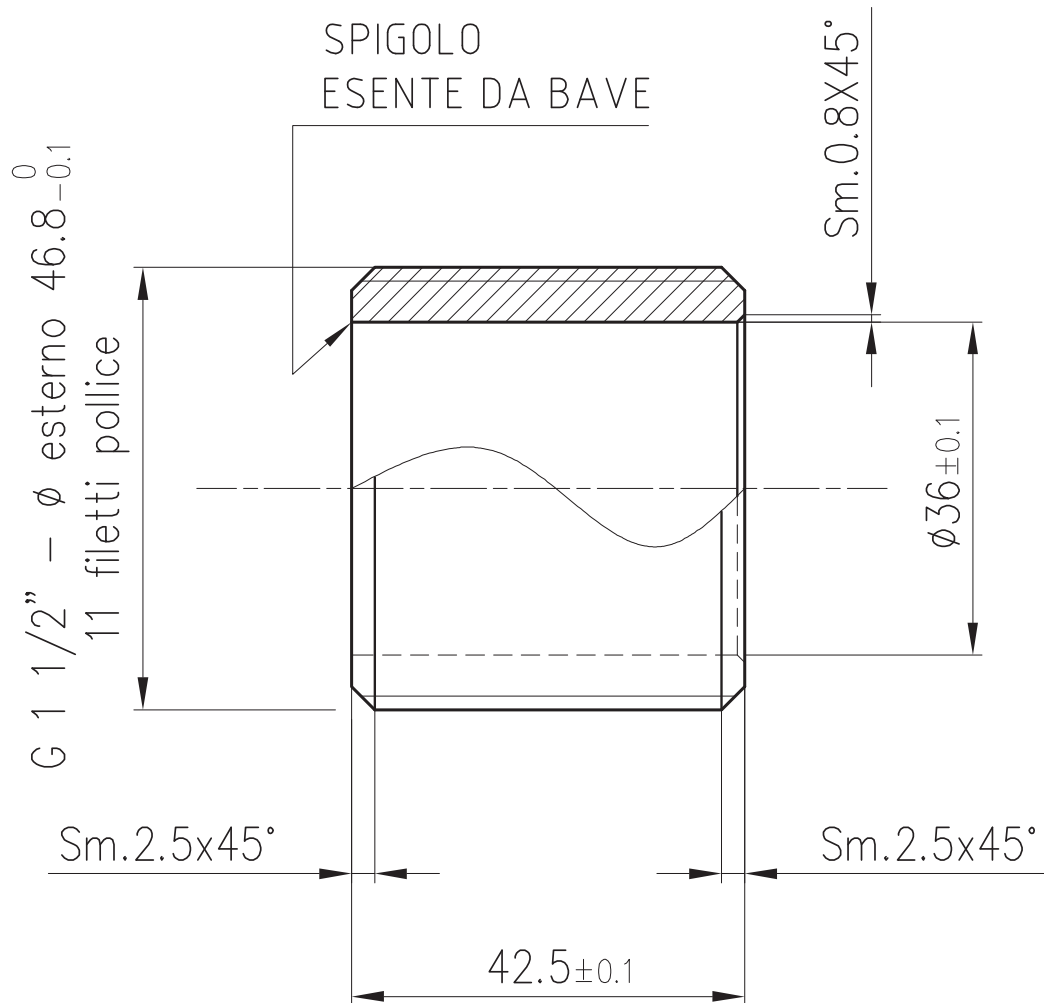
FAST.LOC reference	FLC2266
Description	Shim
Material / Finishing	36SMnPb14, HRC 20-29, Zinc plating
Project	EMU China



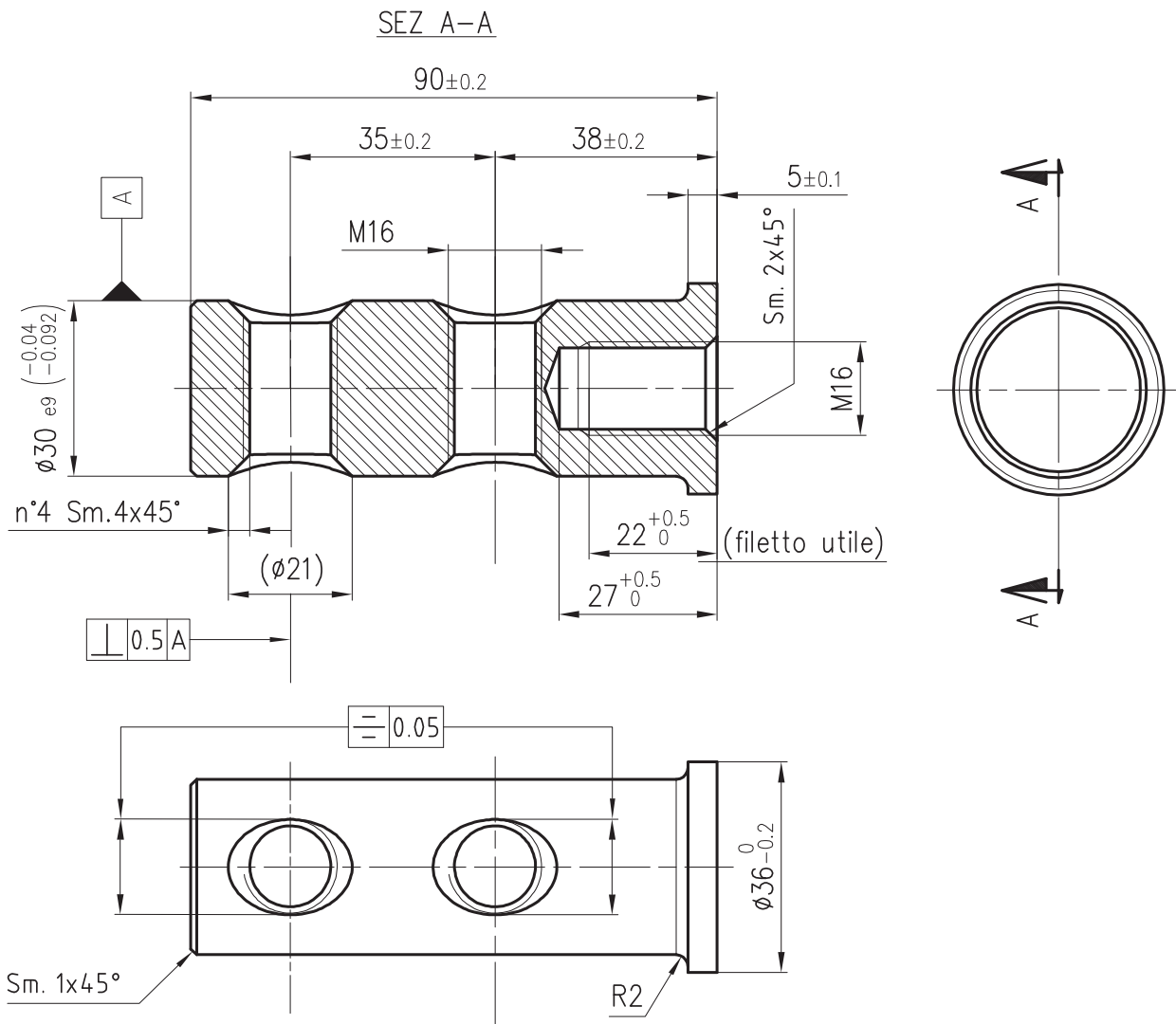
FAST.LOC reference	FLC2267
Description	Shim
Material / Finishing	36SMnPb14, 8.8, Zinc plating
Project	EMU China



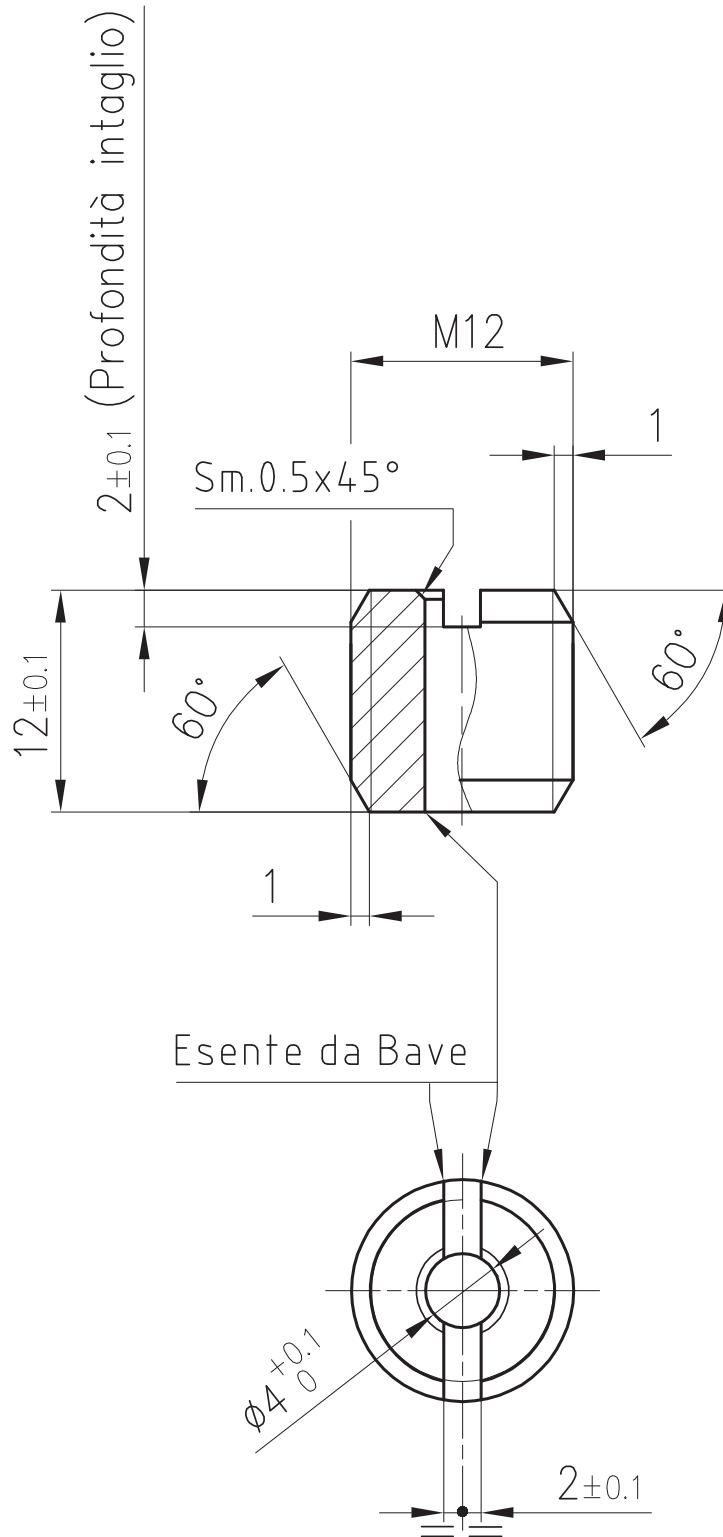
FAST.LOC reference	FLC2265
Description	Bush
Material / Finishing	C45
Project	EMU China



FAST.LOC reference	FLC1896
Description	Threaded bush
Material / Finishing	Brass
Project	TGV



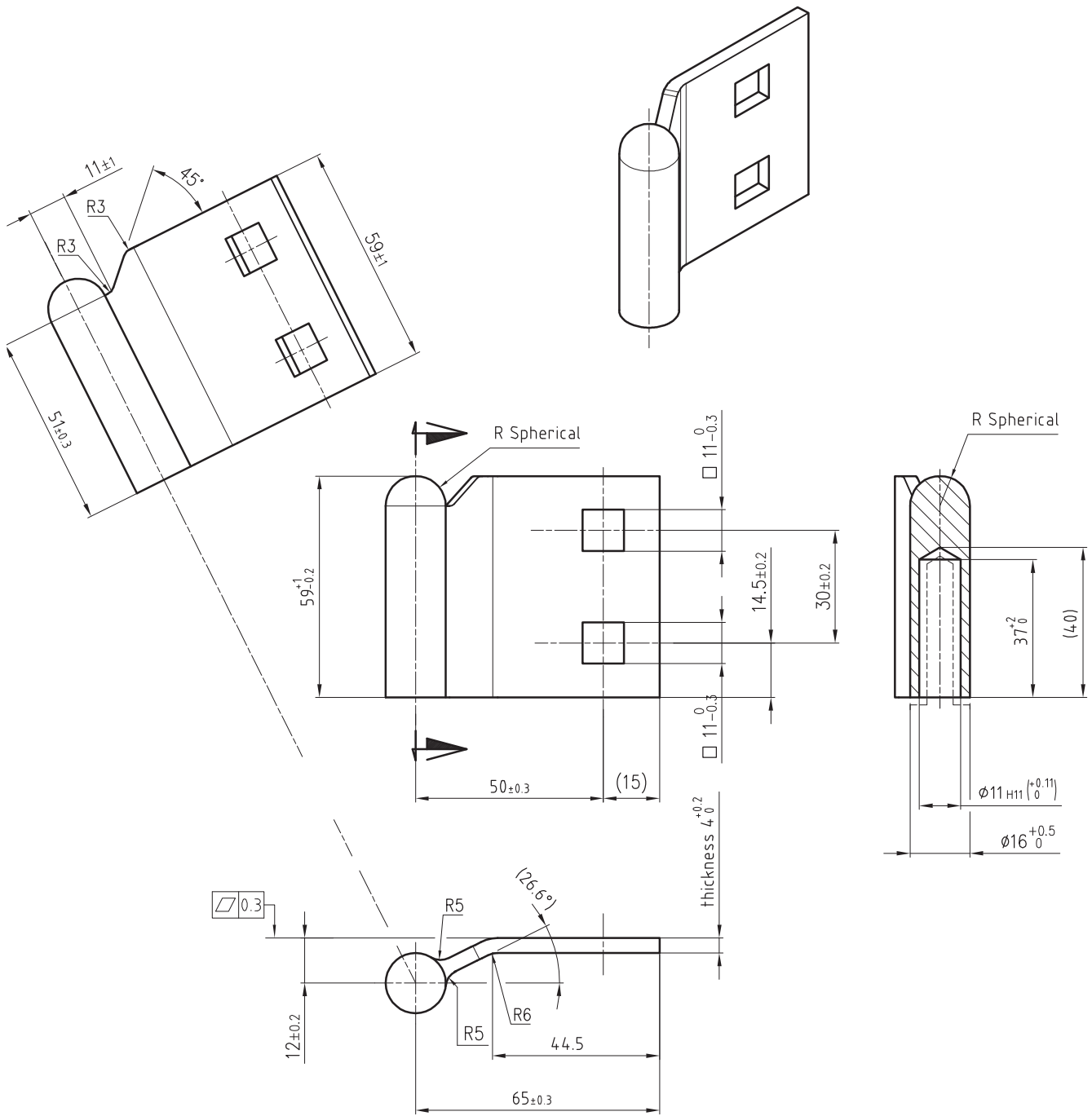
FAST.LOC reference	FLC2289
Description	Pin
Material / Finishing	35SMnPb14, 8.8, Zinc plating
Project	EMU China



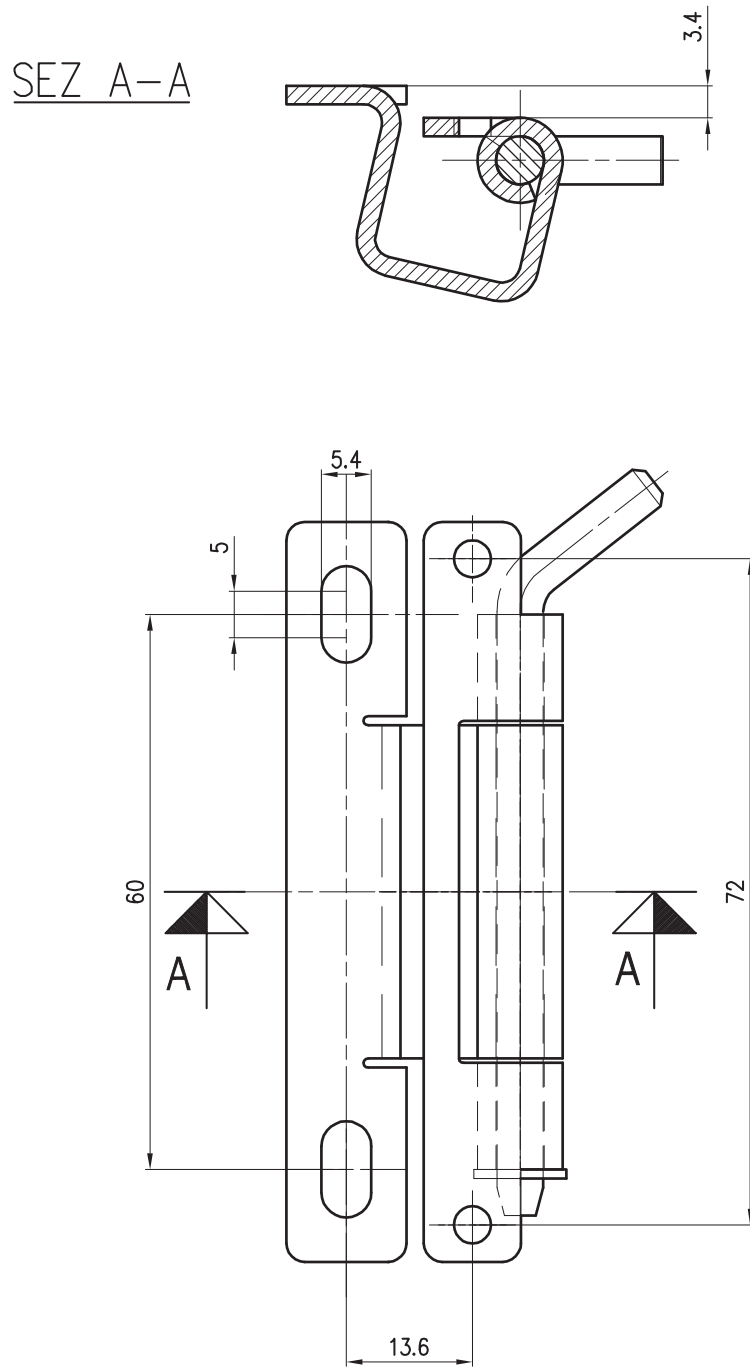
FAST.LOC reference	FLC2288
Description	Threaded nut
Material / Finishing	S355J2G3, Zinc plating
Project	EMU China

Hinges

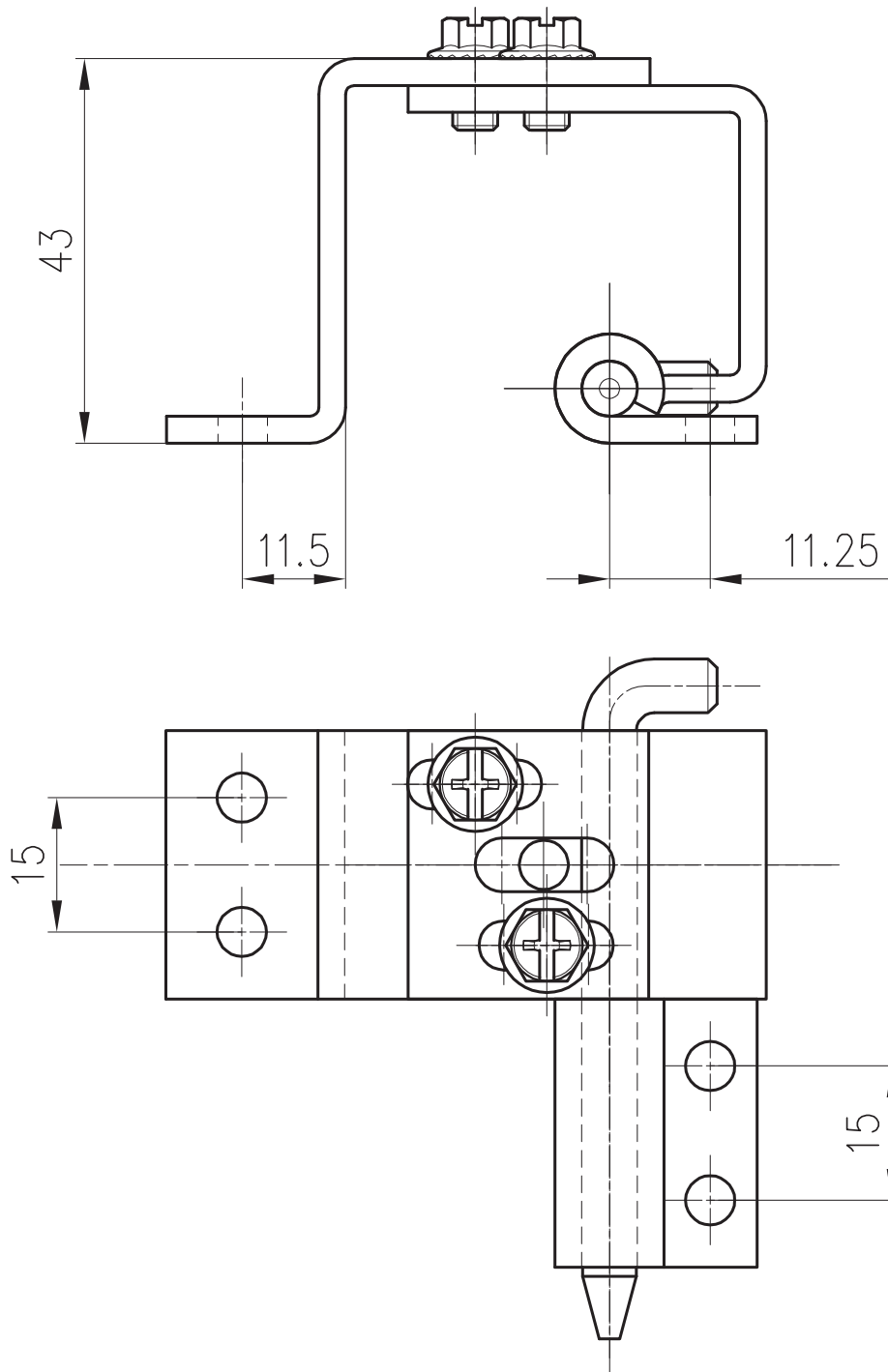




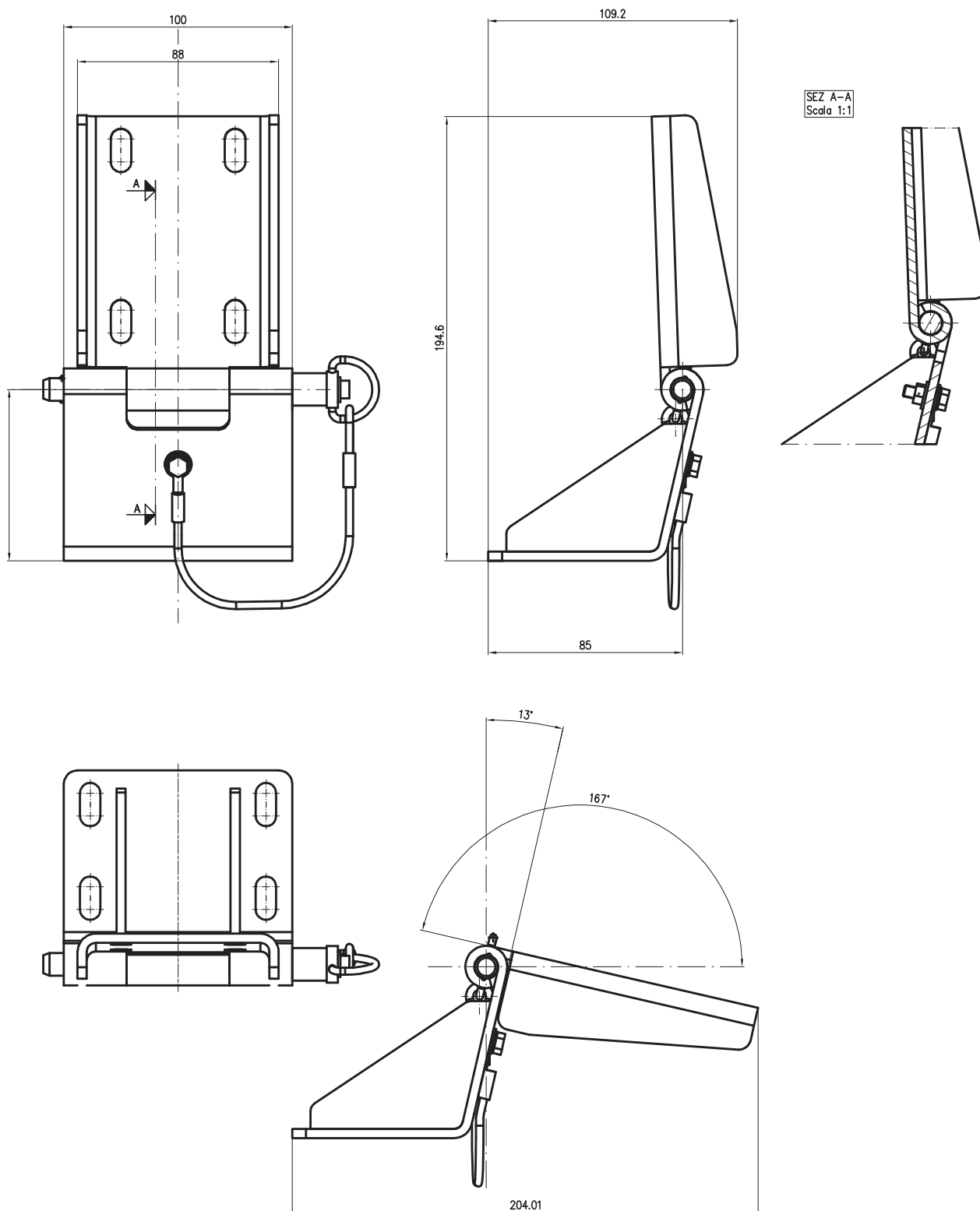
FAST.LOC reference	FLC1940
Description	Hinge
Material / Finishing	AISI304/Powder painting
Project	Vossloh Locomotives



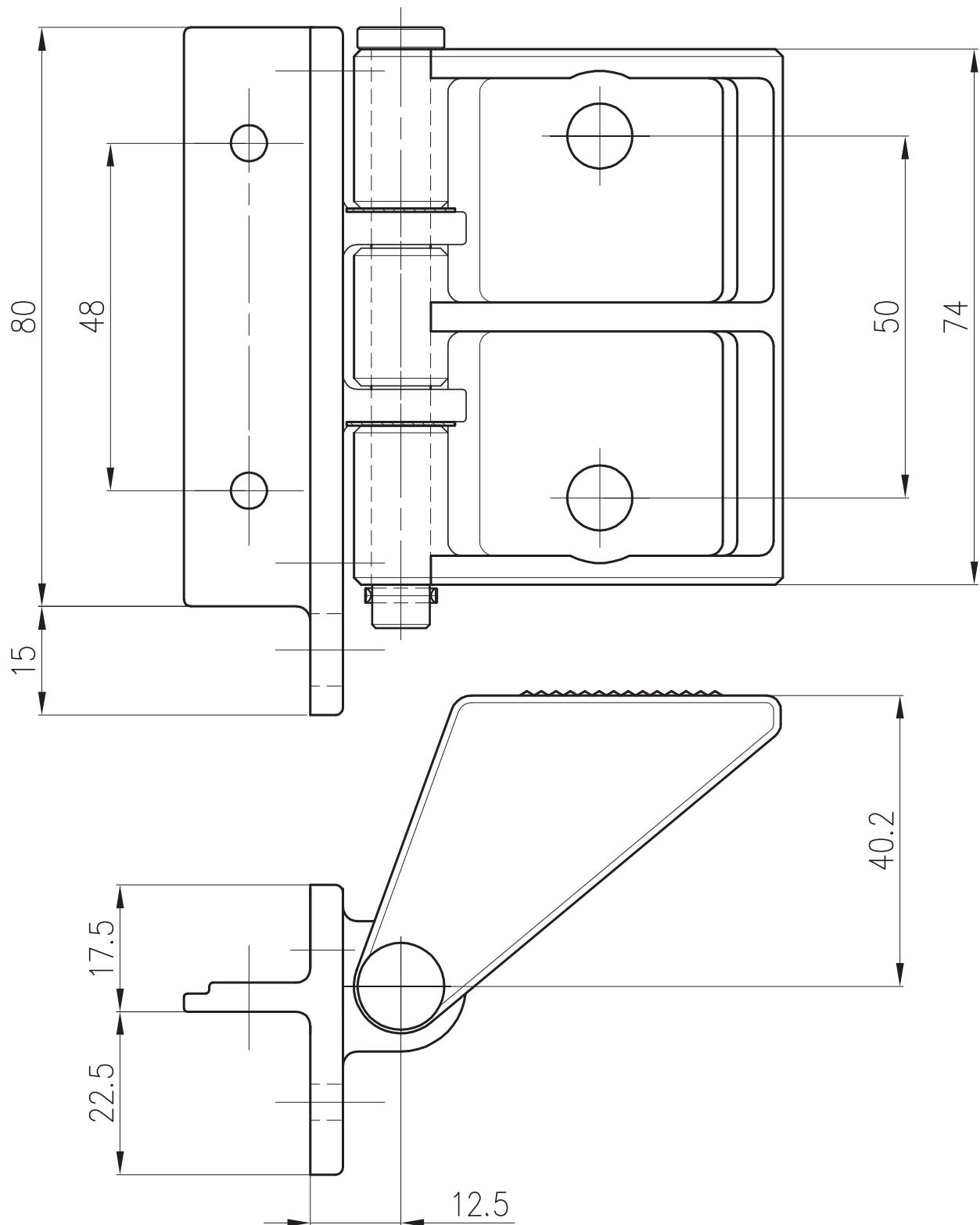
FAST.LOC reference	0430ABL
Description	Hinge
Material / Finishing	Steel/Zinc plating
Project	Thalent



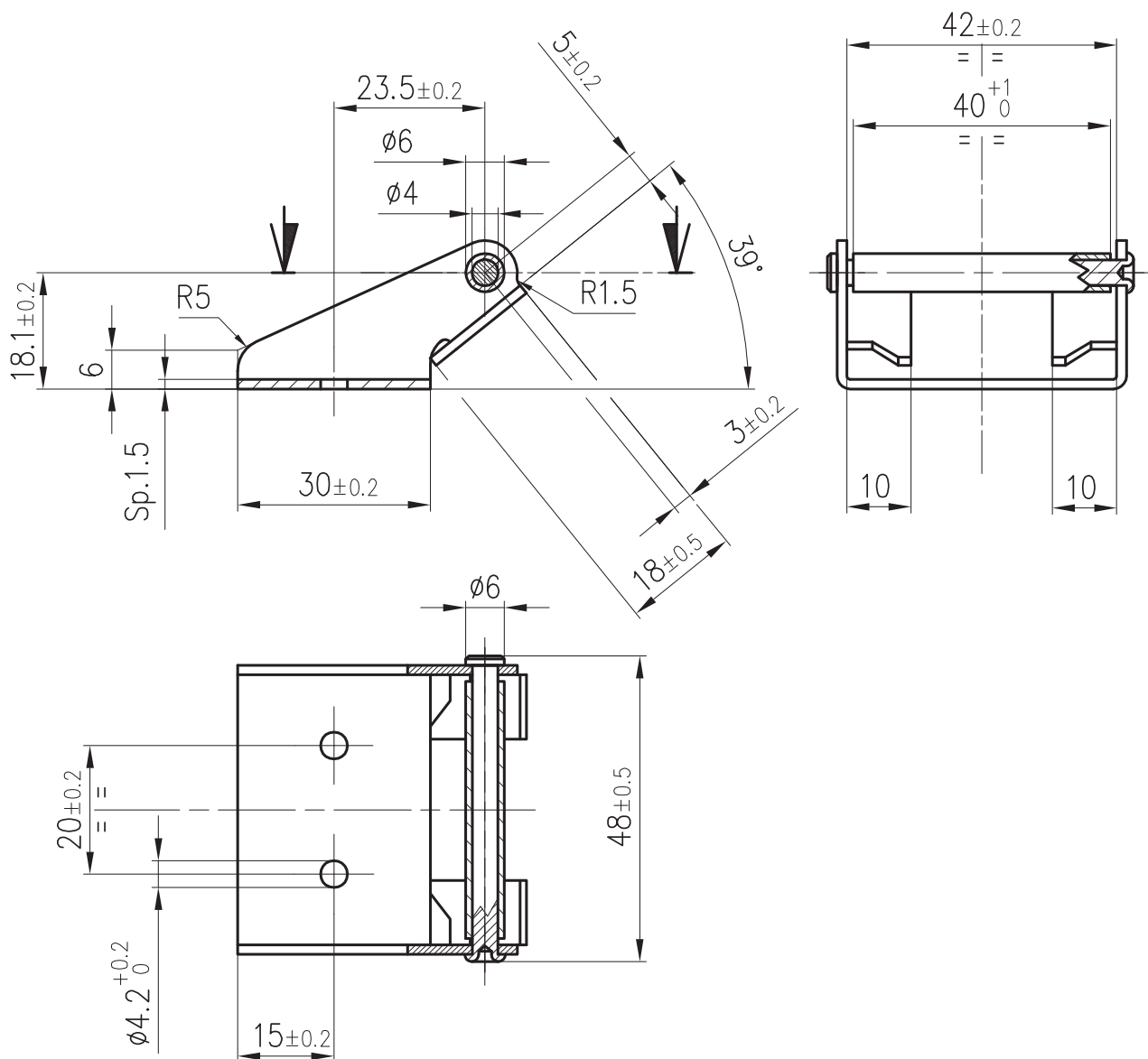
FAST.LOC reference	0429ABL
Description	Hinge
Material / Finishing	Steel/Zinc plating
Project	Thalent



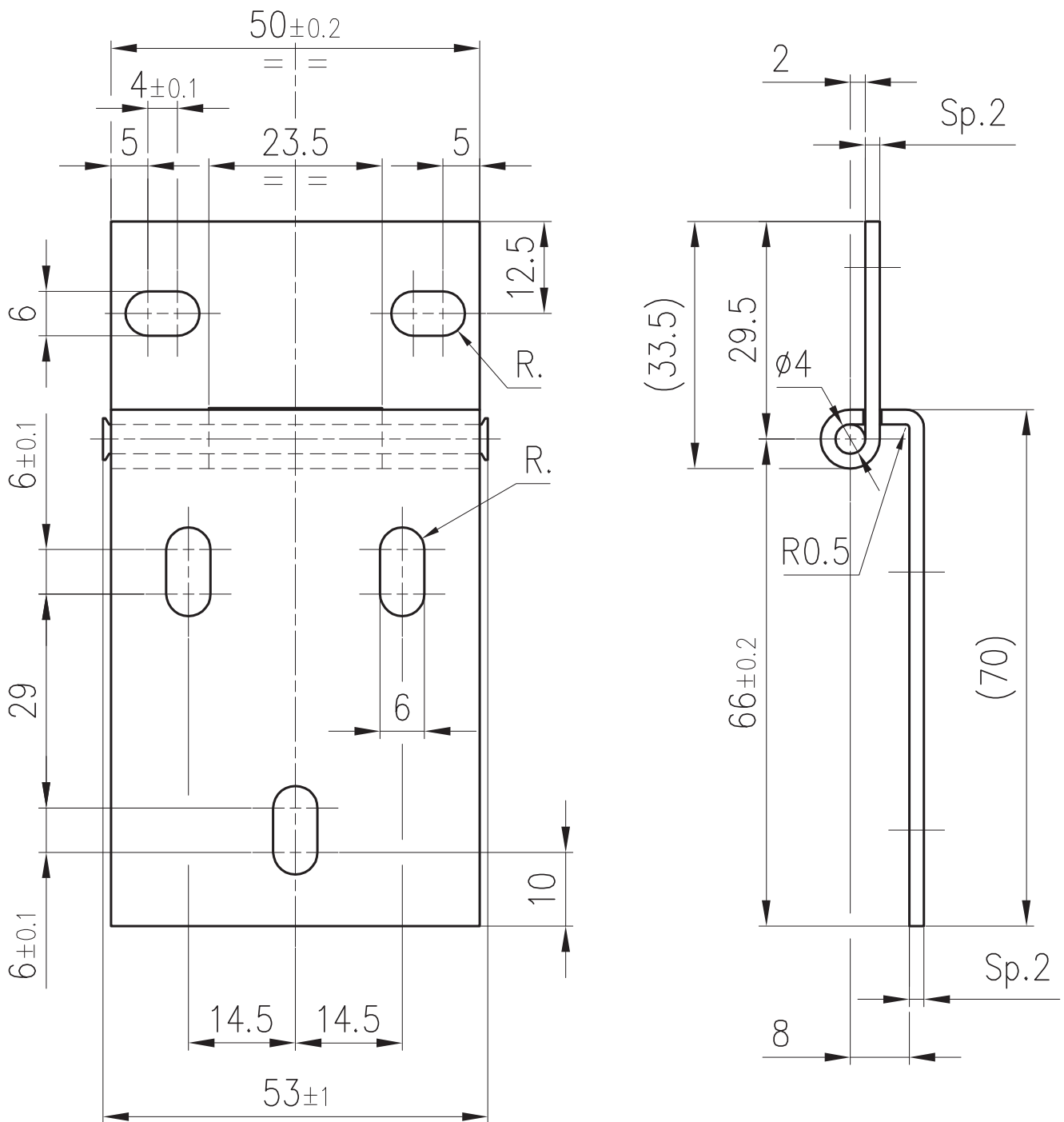
FAST.LOC reference	0426ING
Description	Hinge
Material / Finishing	Stainless steel
Project	Thalent



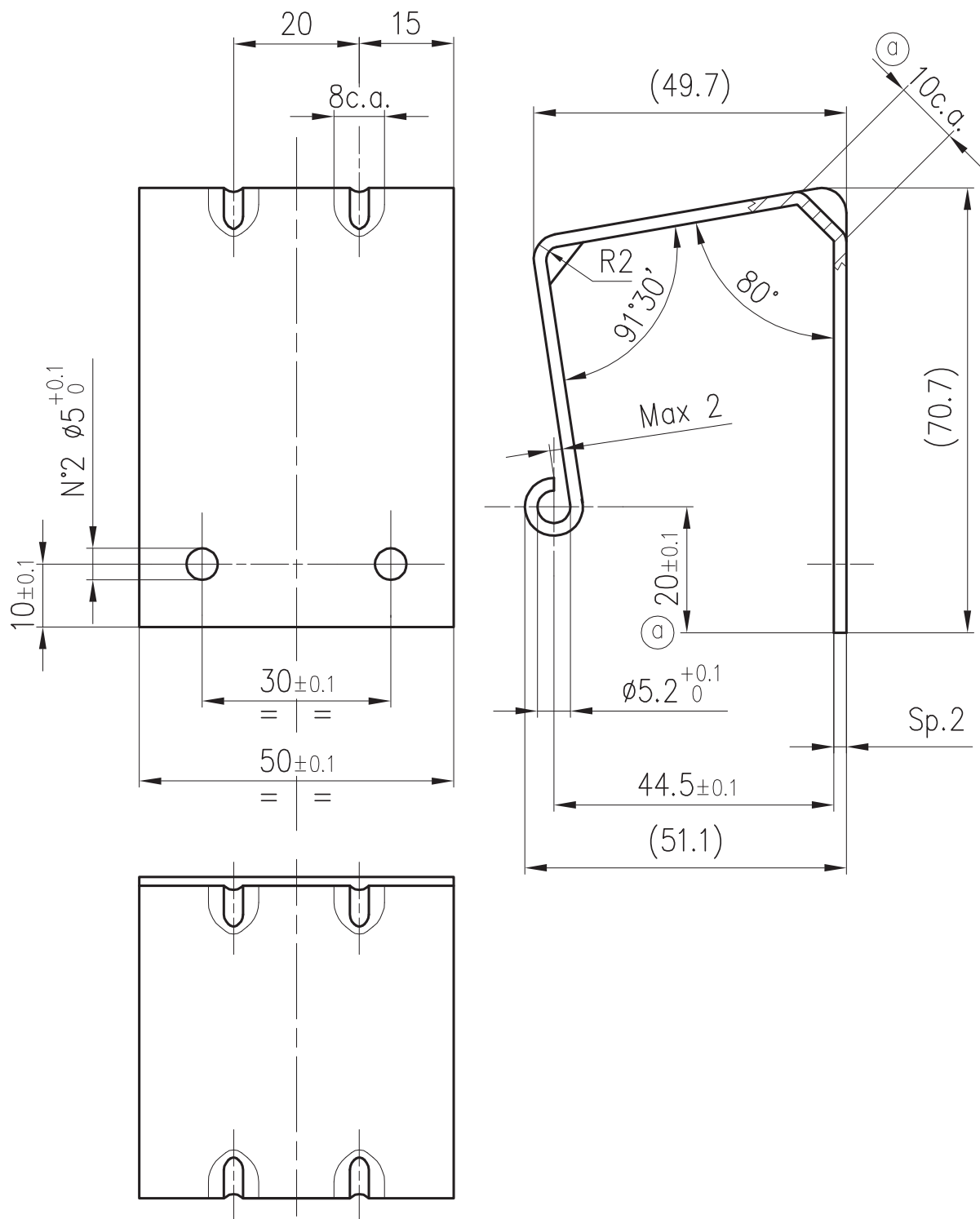
FAST.LOC reference	0183ABL
Description	Hinge
Material / Finishing	Zamak/Nickel plating
Project	Thalent



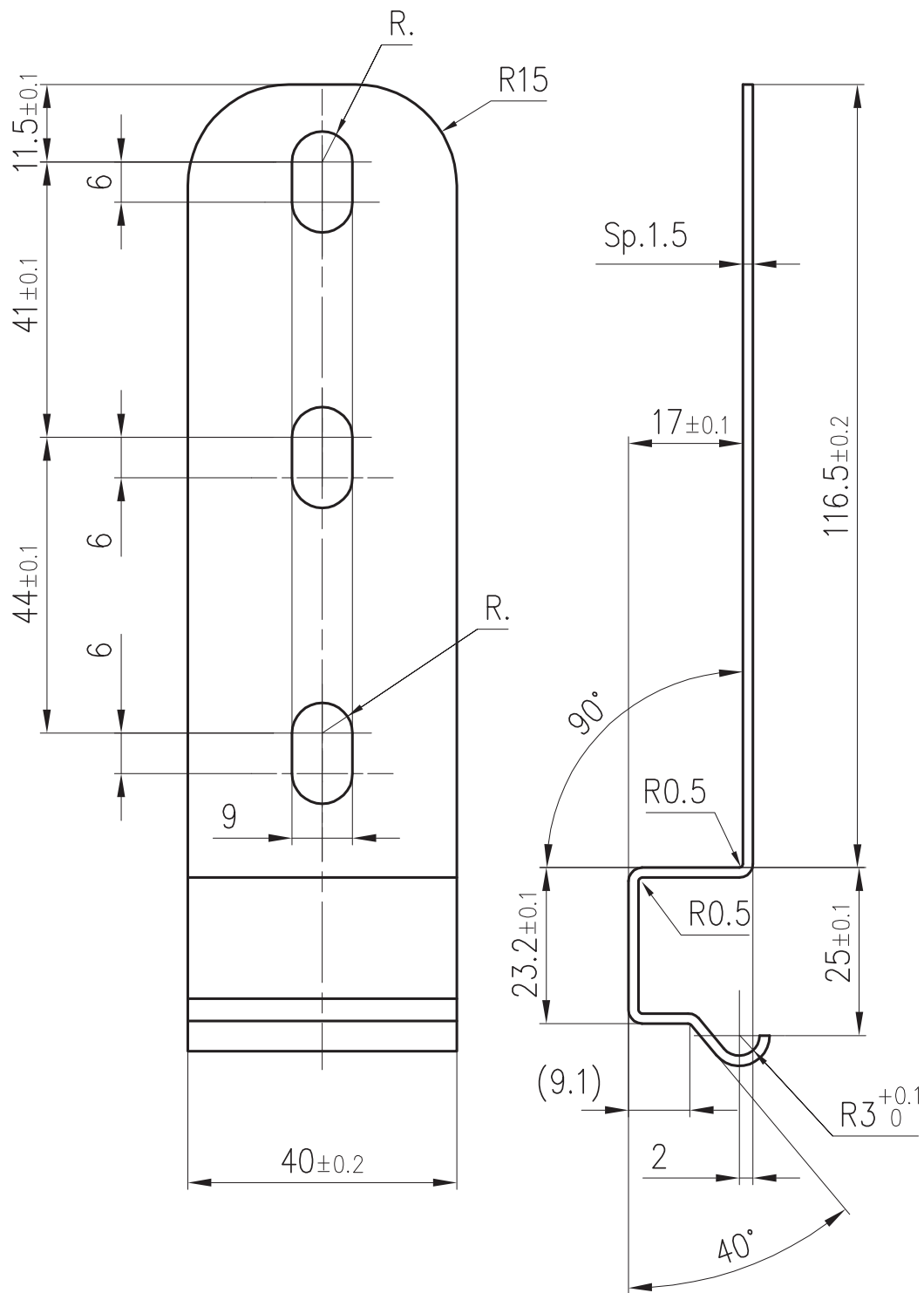
FAST.LOC reference	0371ABL
Description	Hinge
Material / Finishing	AISI304
Project	Thalent



FAST.LOC reference	0293ABL
Description	Hinge
Material / Finishing	Steel/Zinc plating
Project	Thalent



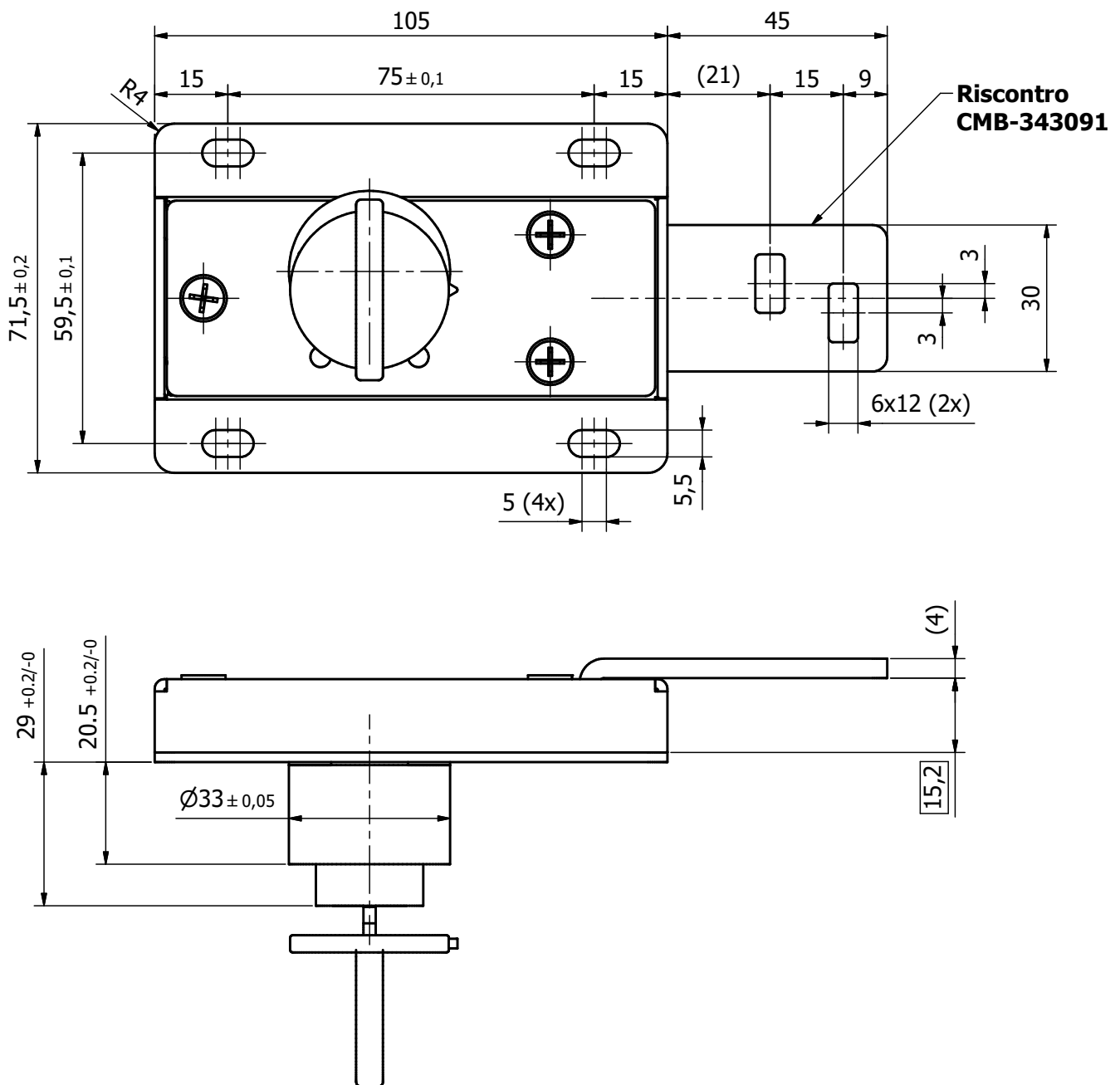
FAST.LOC reference	FLC2155
Description	Hinge
Material / Finishing	AISI304
Project	Metro New Delhi



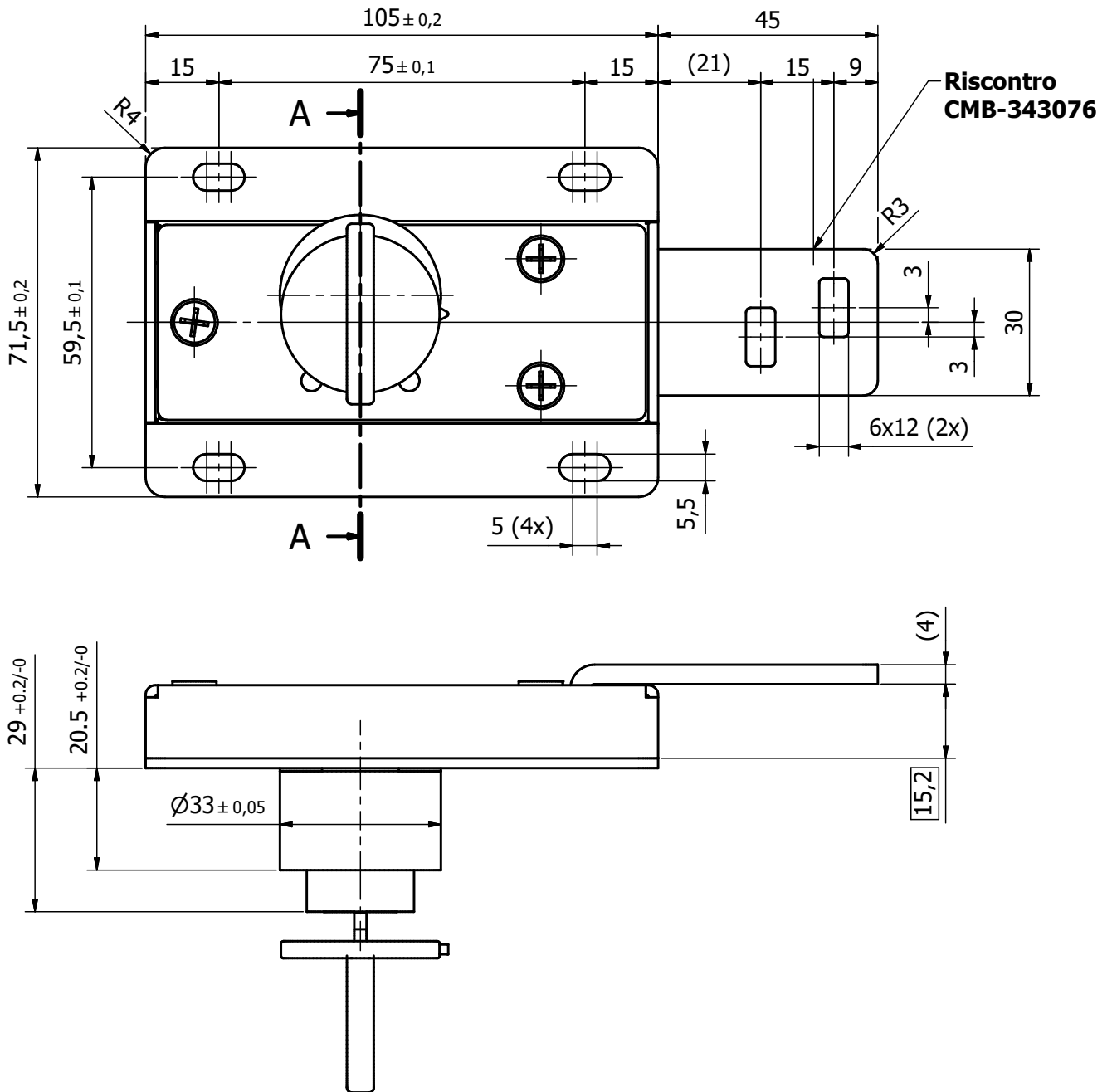
FAST.LOC reference	FLC2080
Description	Hinge
Material / Finishing	AISI304
Project	Thalent

Locking assemblies

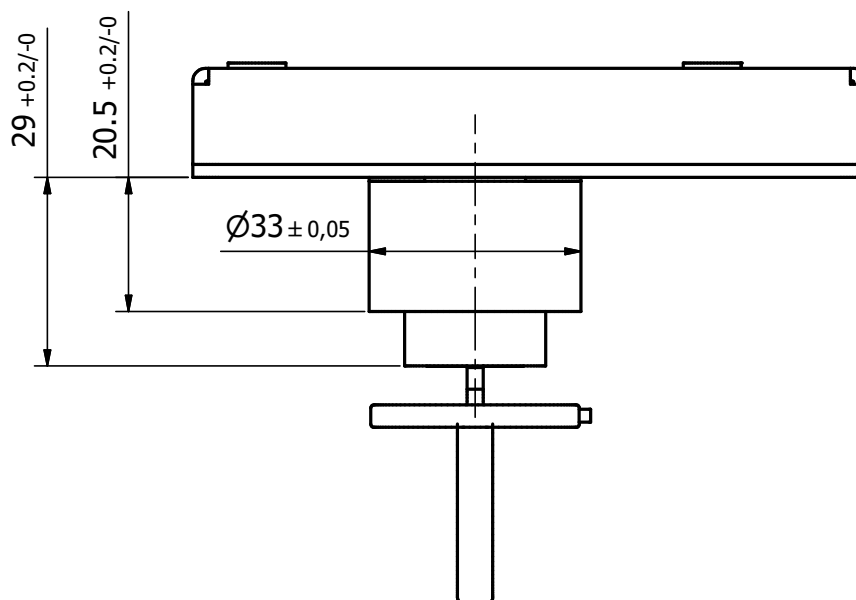
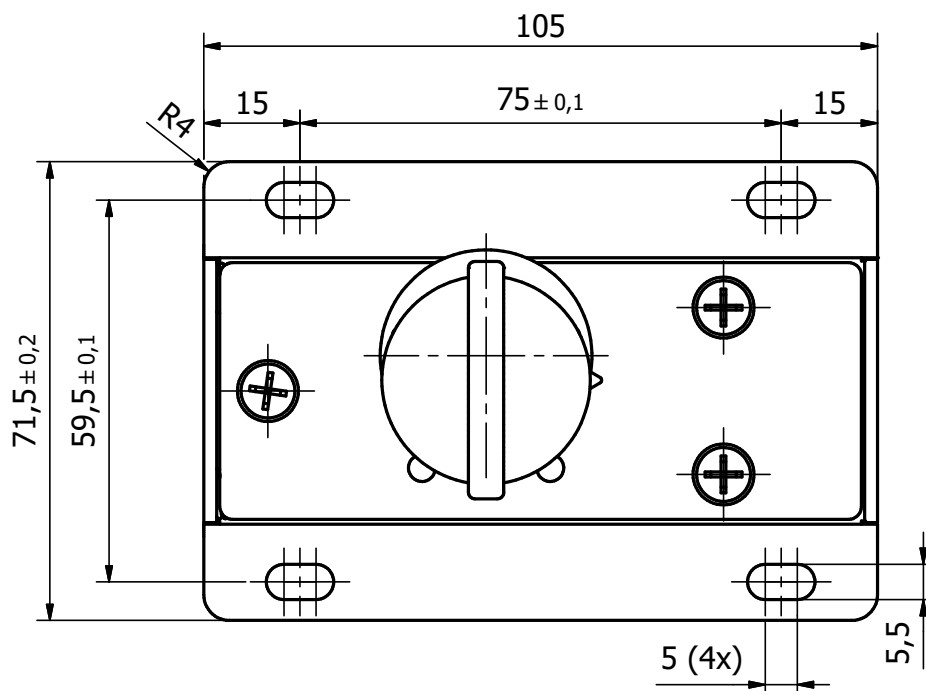




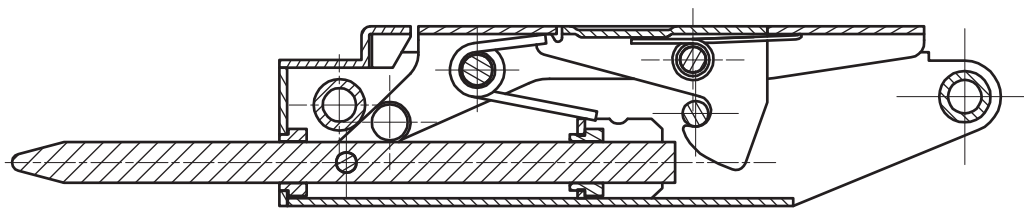
FAST.LOC reference	0988ING
Description	Lock with strike
Material / Finishing	Stainless steel, brass
Project	ETR 108



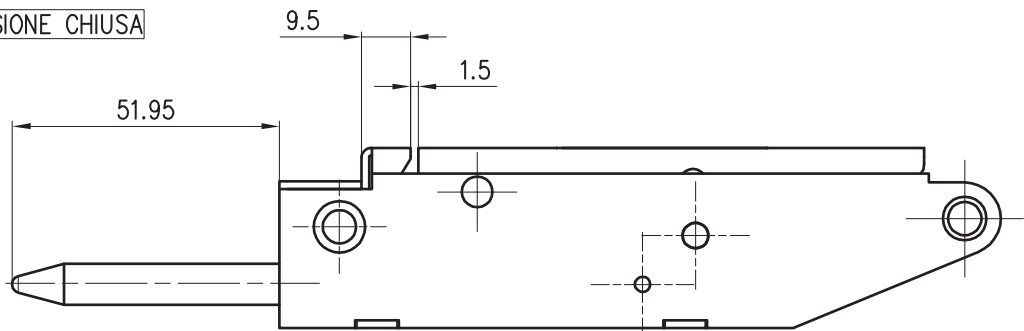
FAST.LOC reference	0988ING
Description	Lock with strike
Material / Finishing	Stainless steel, brass
Project	ETR 108



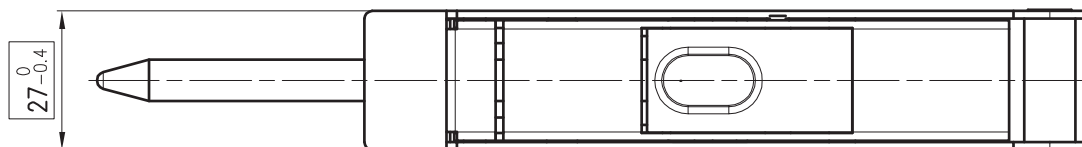
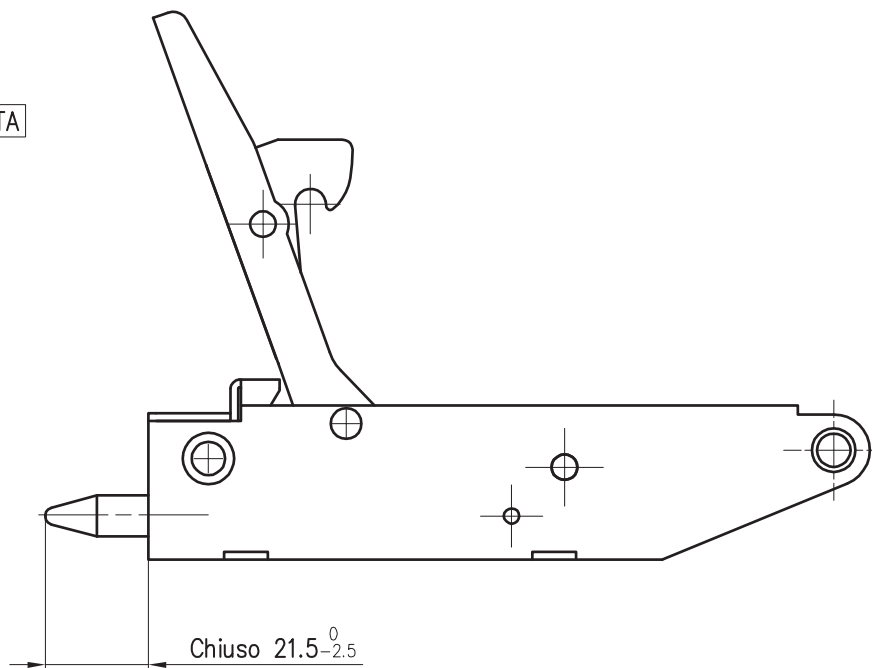
FAST.LOC reference	0988ING
Description	Lock without strike
Material / Finishing	Stainless steel, brass
Project	ETR 108



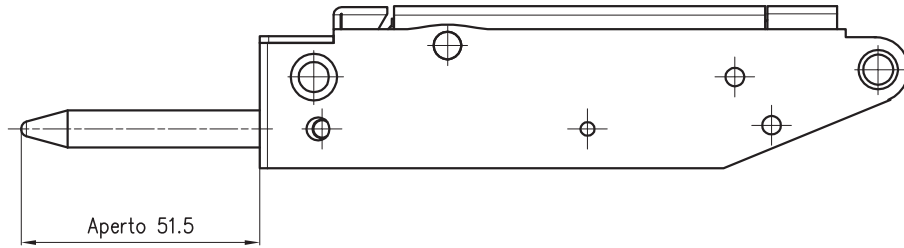
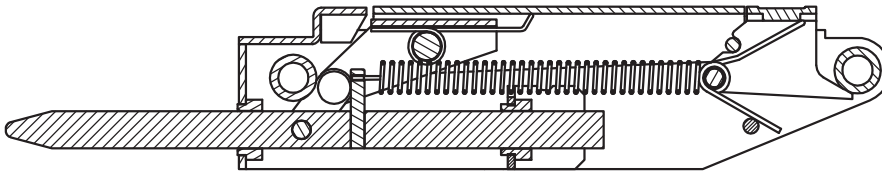
VERSIONE CHIUSA



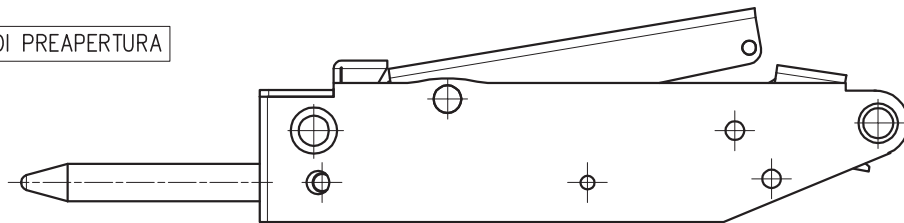
VERSIONE APERTA



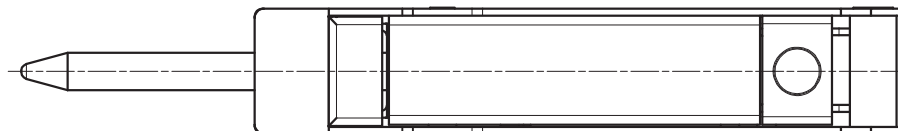
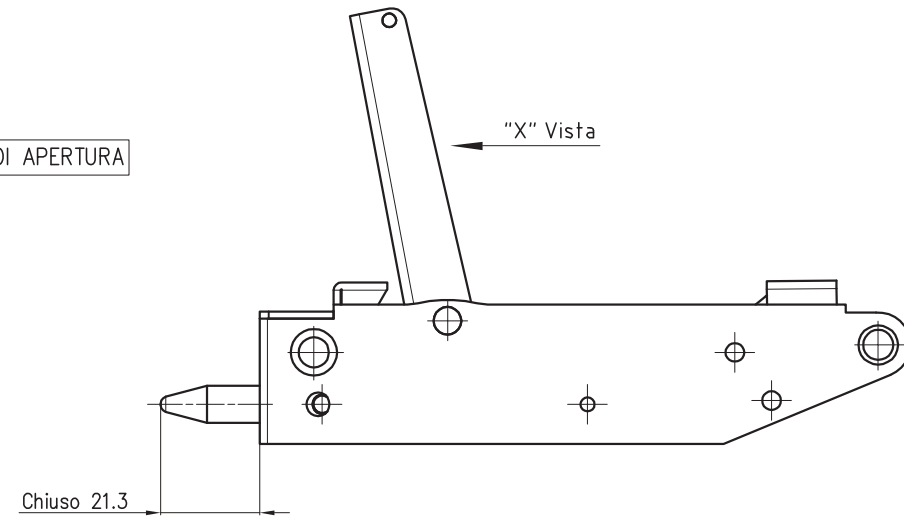
FAST.LOC reference	0413ABL
Description	Door handle
Material / Finishing	AISI304
Project	TGV



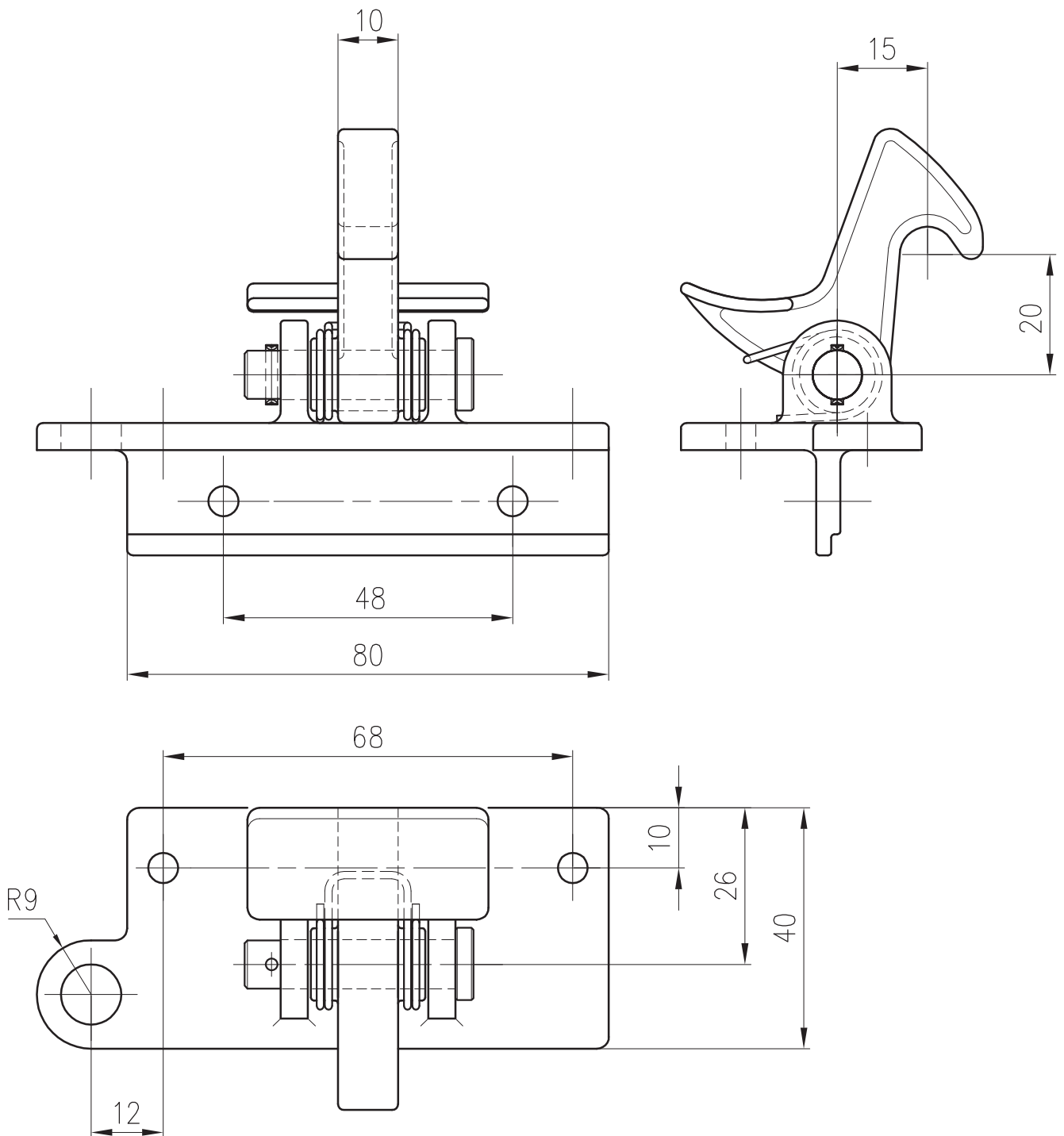
FASE DI PREAPERTURA



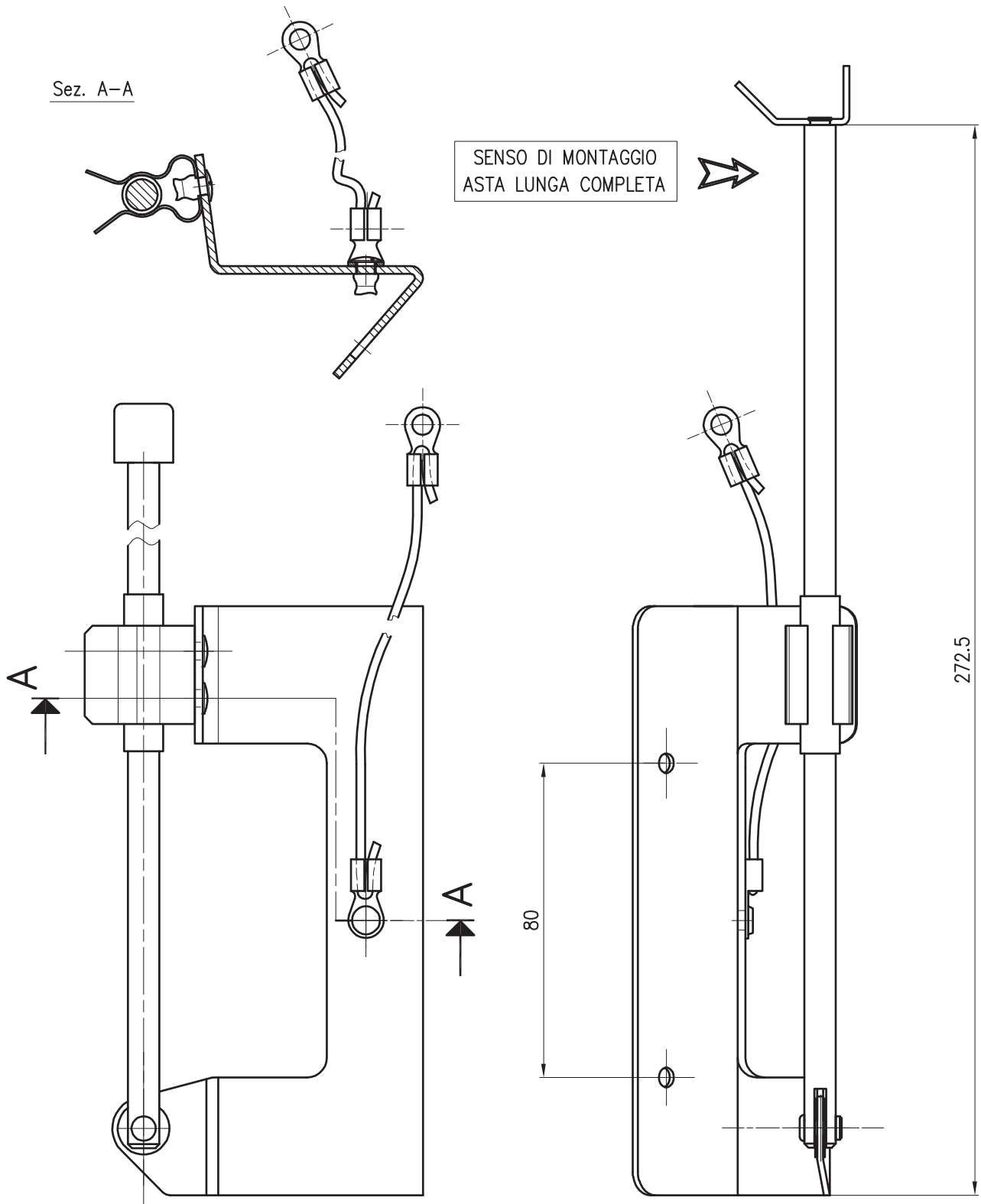
FASE DI APERTURA



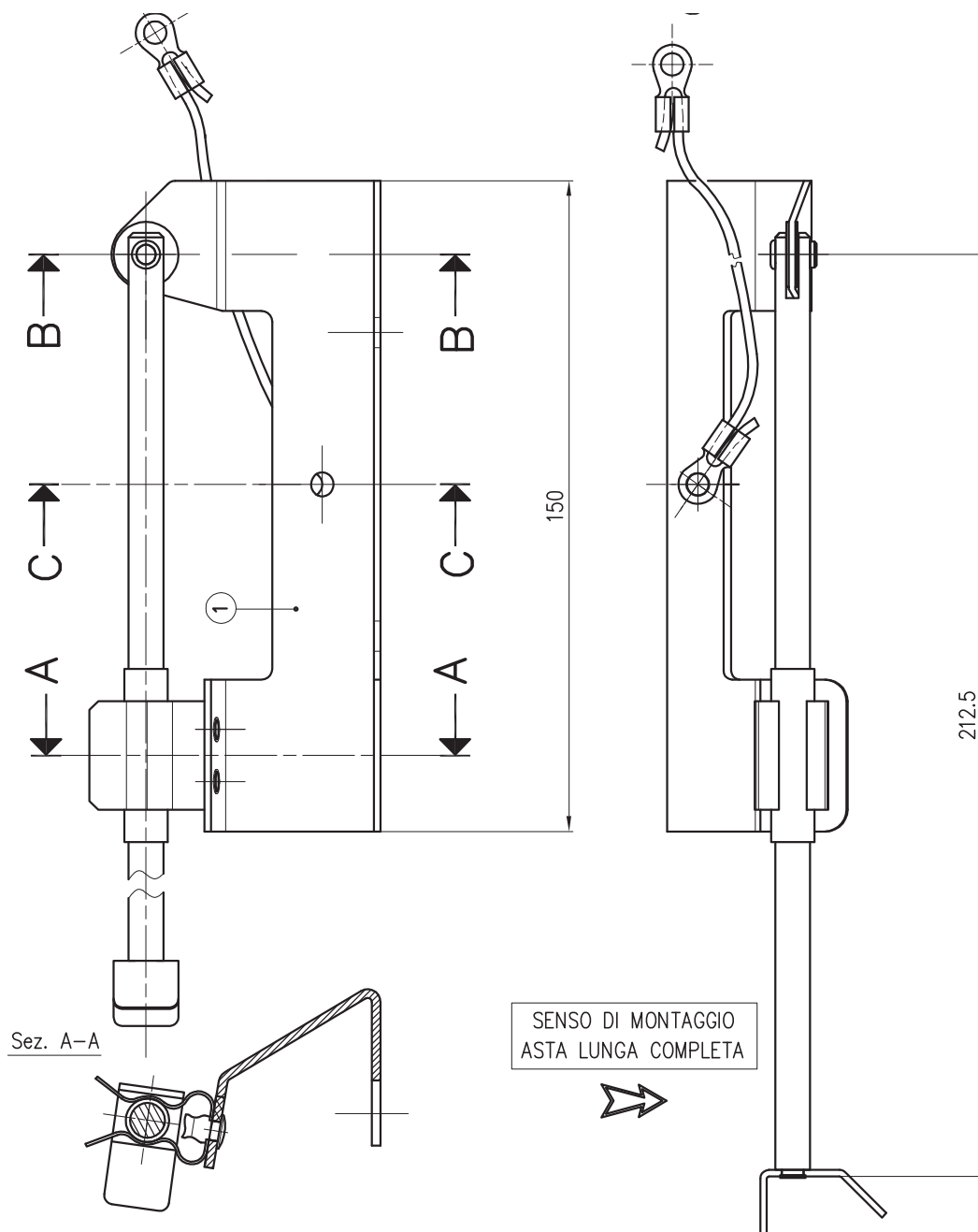
FAST.LOC reference	0421ABL
Description	Door handle
Material / Finishing	AISI304
Project	TGV



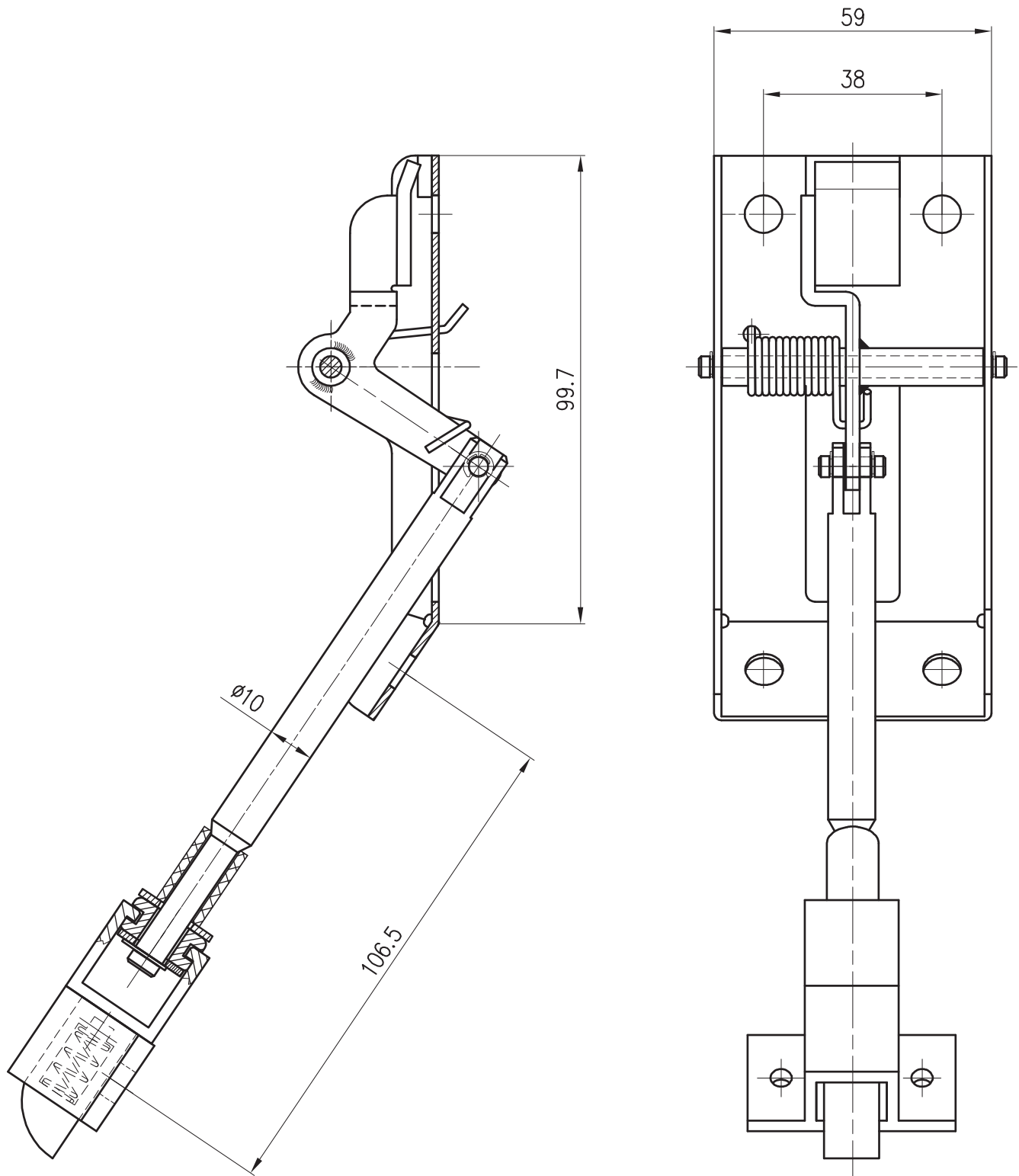
FAST.LOC reference	0184ABL
Description	Overhead container locking device
Material / Finishing	Zamak/Nickel plating
Project	CTR



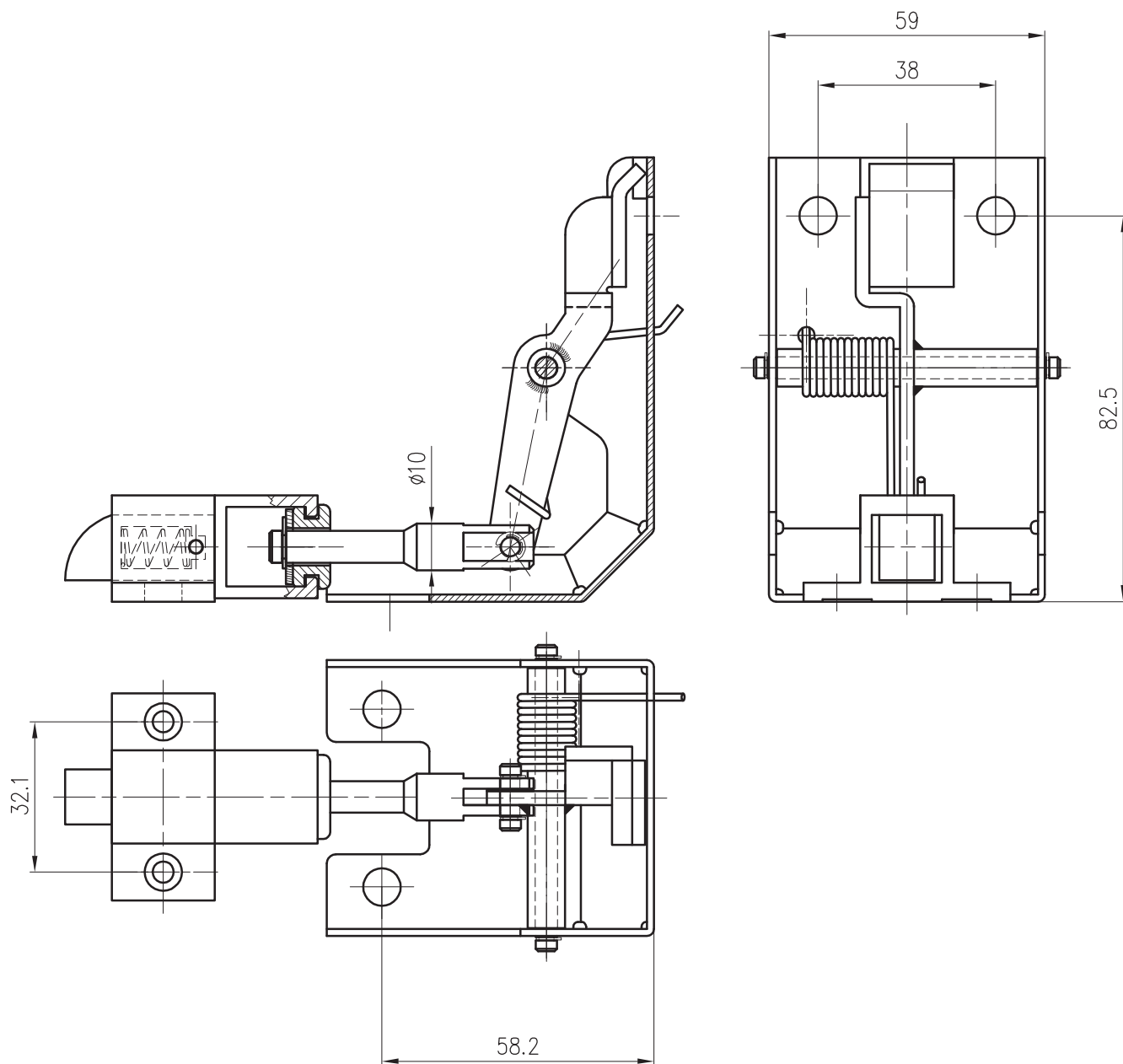
FAST.LOC reference	0374ABL
Description	Ceiling locking device
Material / Finishing	Steel
Project	Thalys



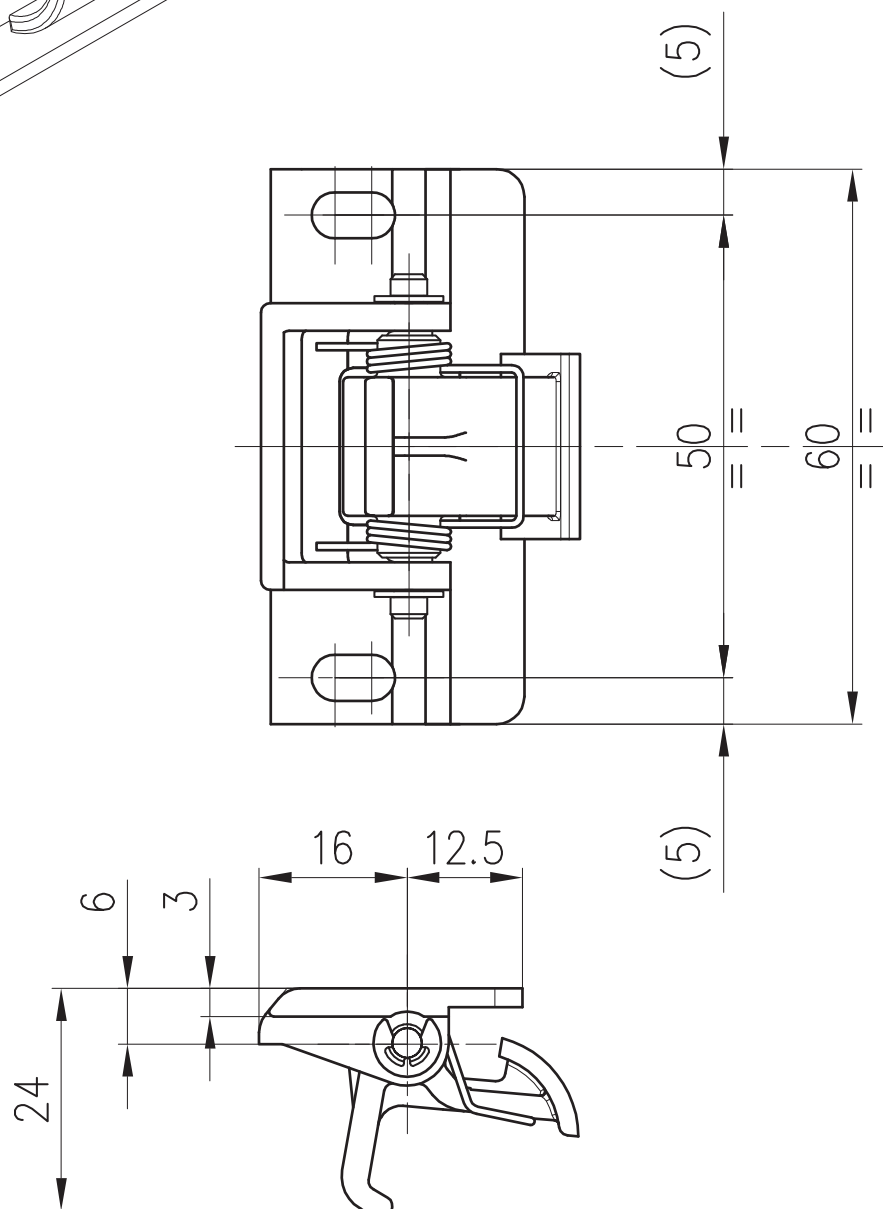
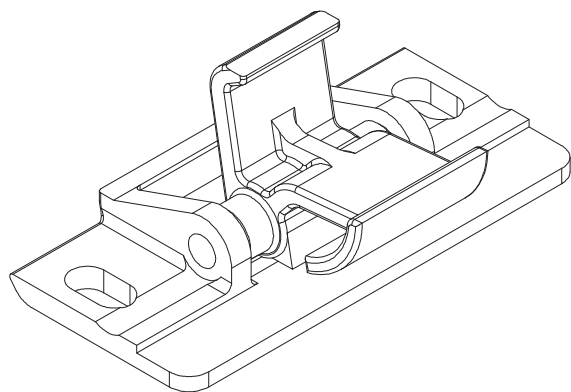
FAST.LOC reference	0375ABL
Description	Ceiling locking device
Material / Finishing	Steel
Project	Thalys



FAST.LOC reference	0381ABL
Description	Ceiling locking device
Material / Finishing	Steel
Project	Thalys

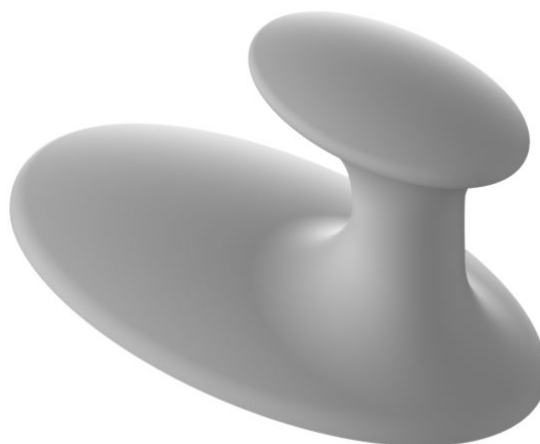


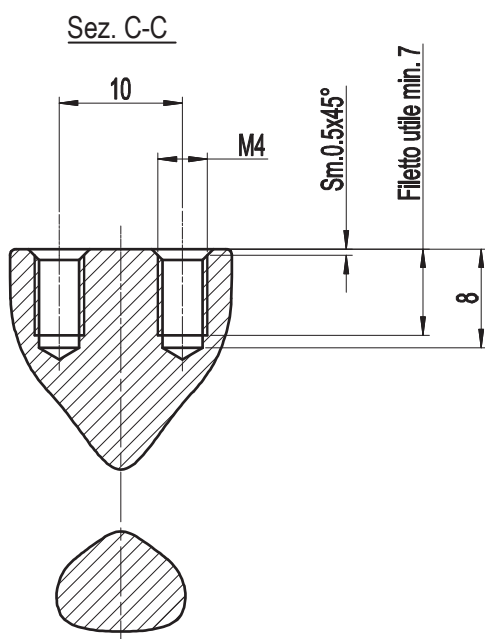
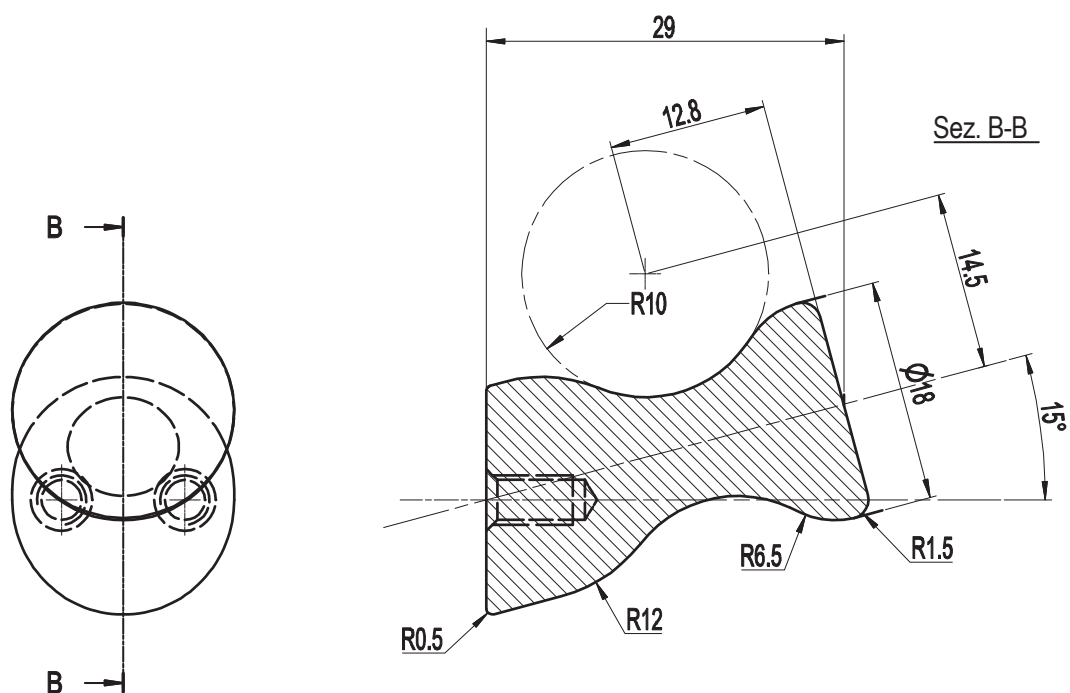
FAST.LOC reference	0382ABL
Description	Ceiling locking device
Material / Finishing	Steel
Project	Thalys



FAST.LOC reference	0373ABL
Description	Ceiling lights locking device
Material / Finishing	PA6.6
Project	Thalys

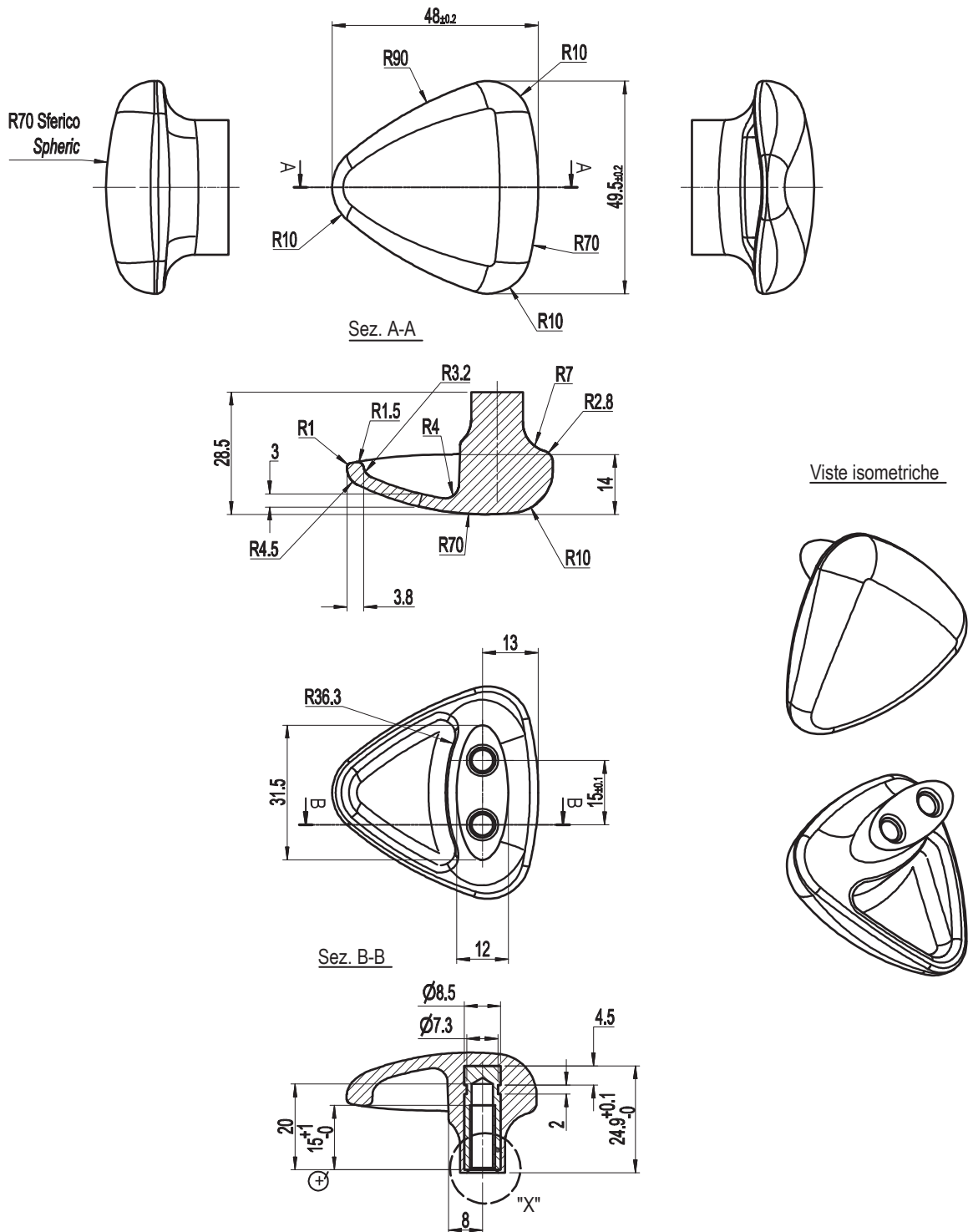
Miscellaneous parts



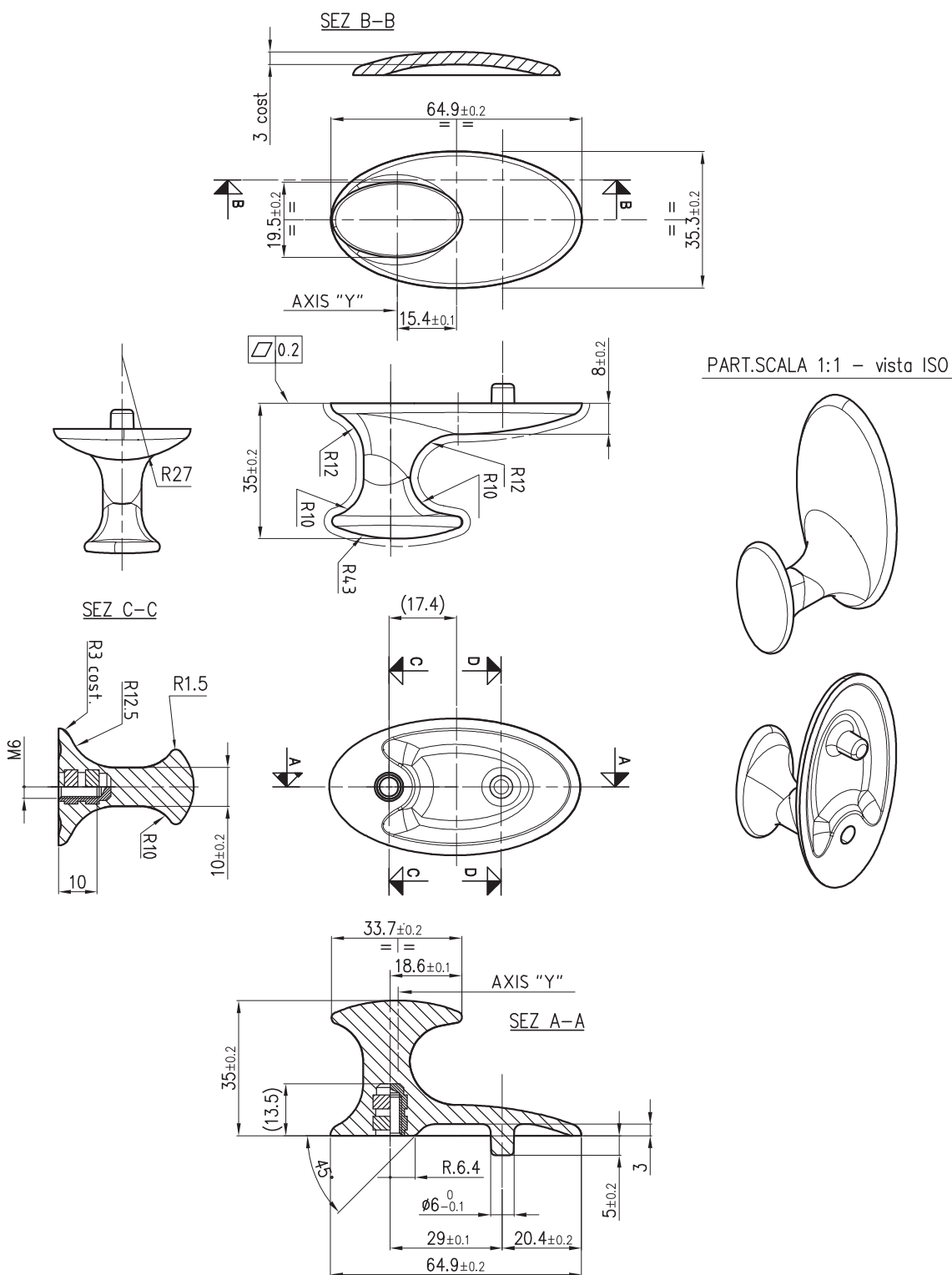


Vista isometrica
(1:1)

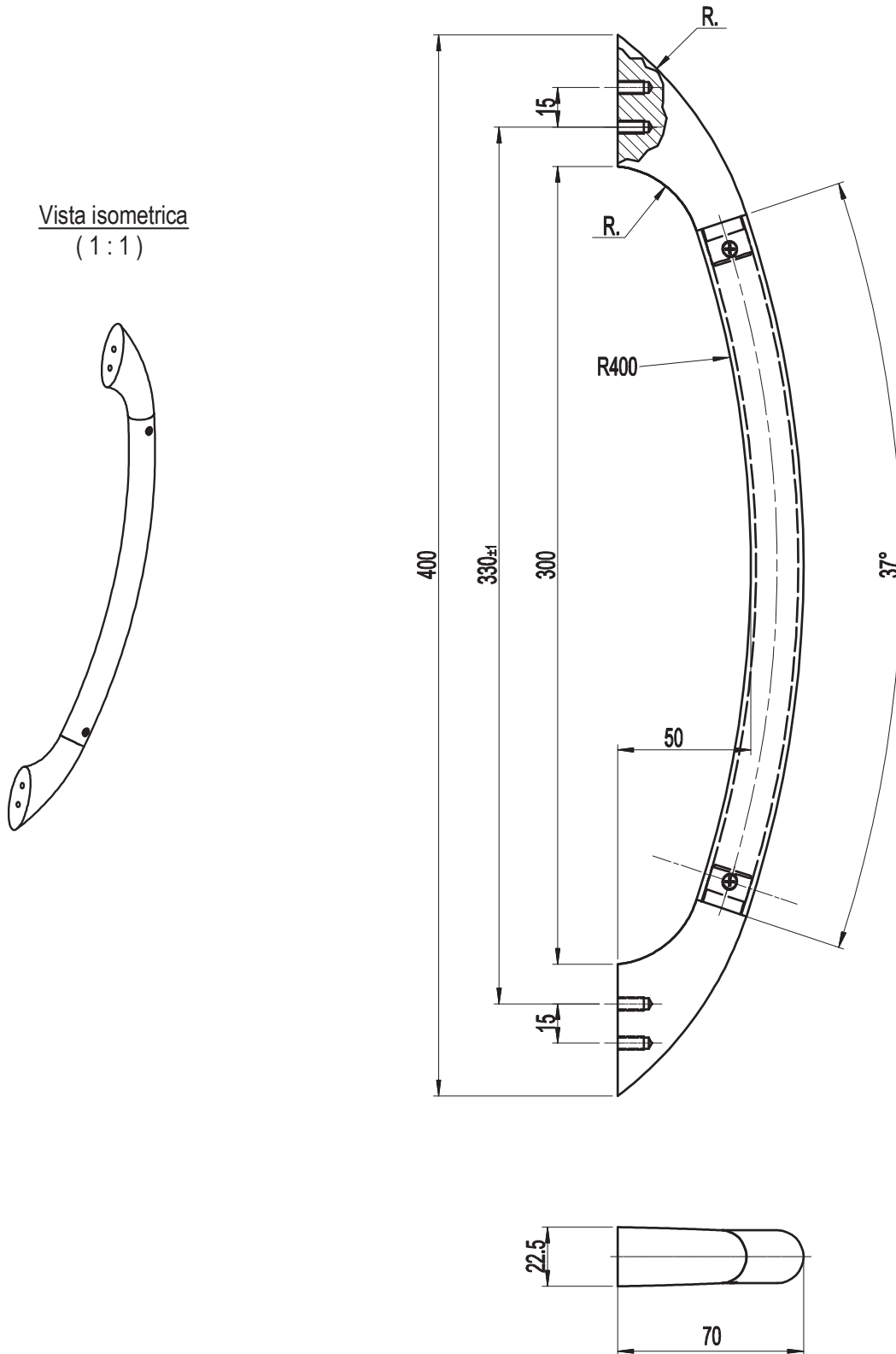
FAST.LOC reference	FLC1652
Description	Clothes holder
Material / Finishing	AL11S
Project	ERT 500



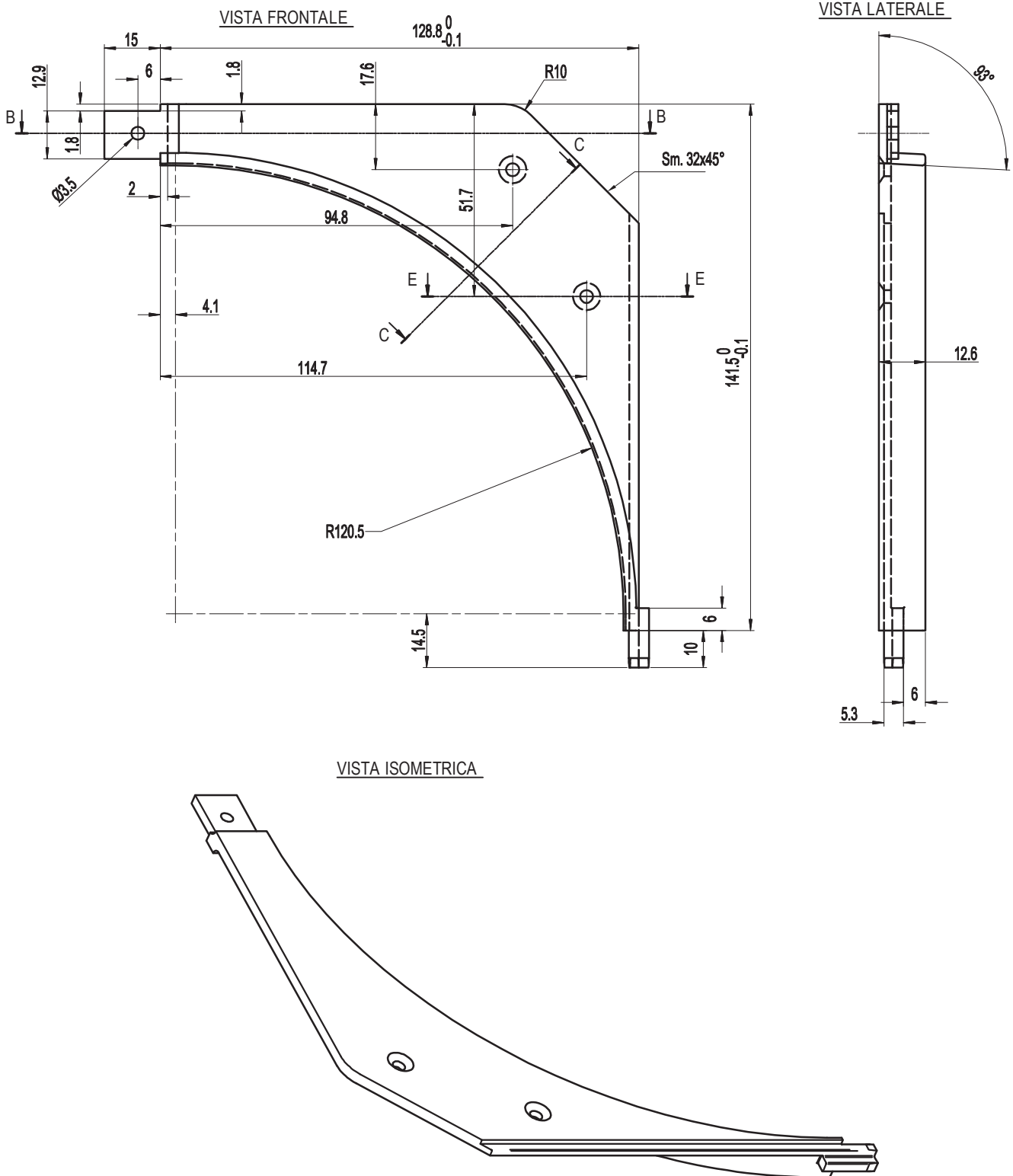
FAST.LOC reference	FLC1607
Description	Clothes holder
Material / Finishing	AL11S
Project	Thalent



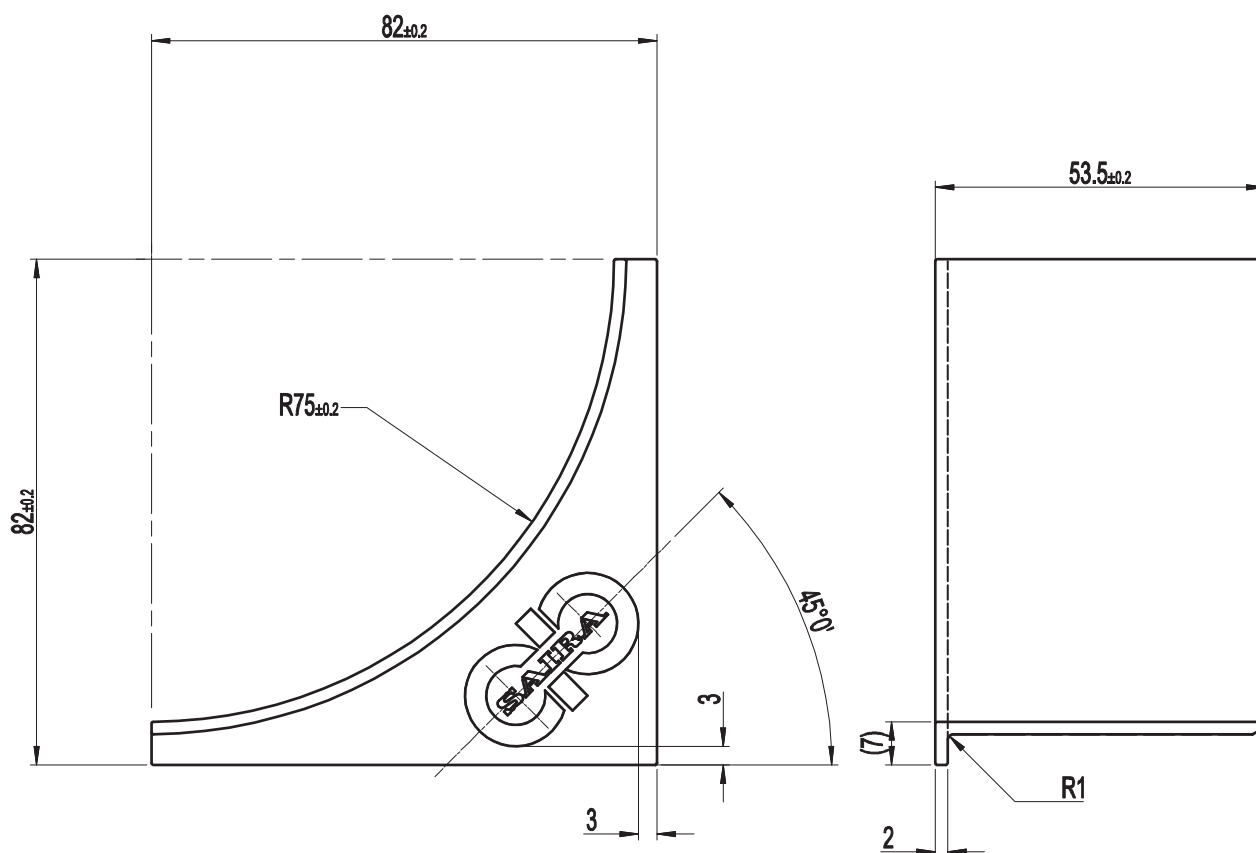
FAST.LOC reference	FLC2498
Description	Clothes holder
Material / Finishing	AL11S
Project	ETR 500



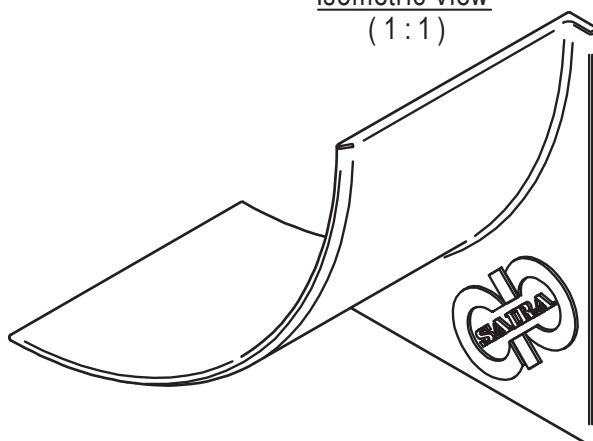
FAST.LOC reference	0251ING
Description	Handle
Material / Finishing	AL11S
Project	ETR 500



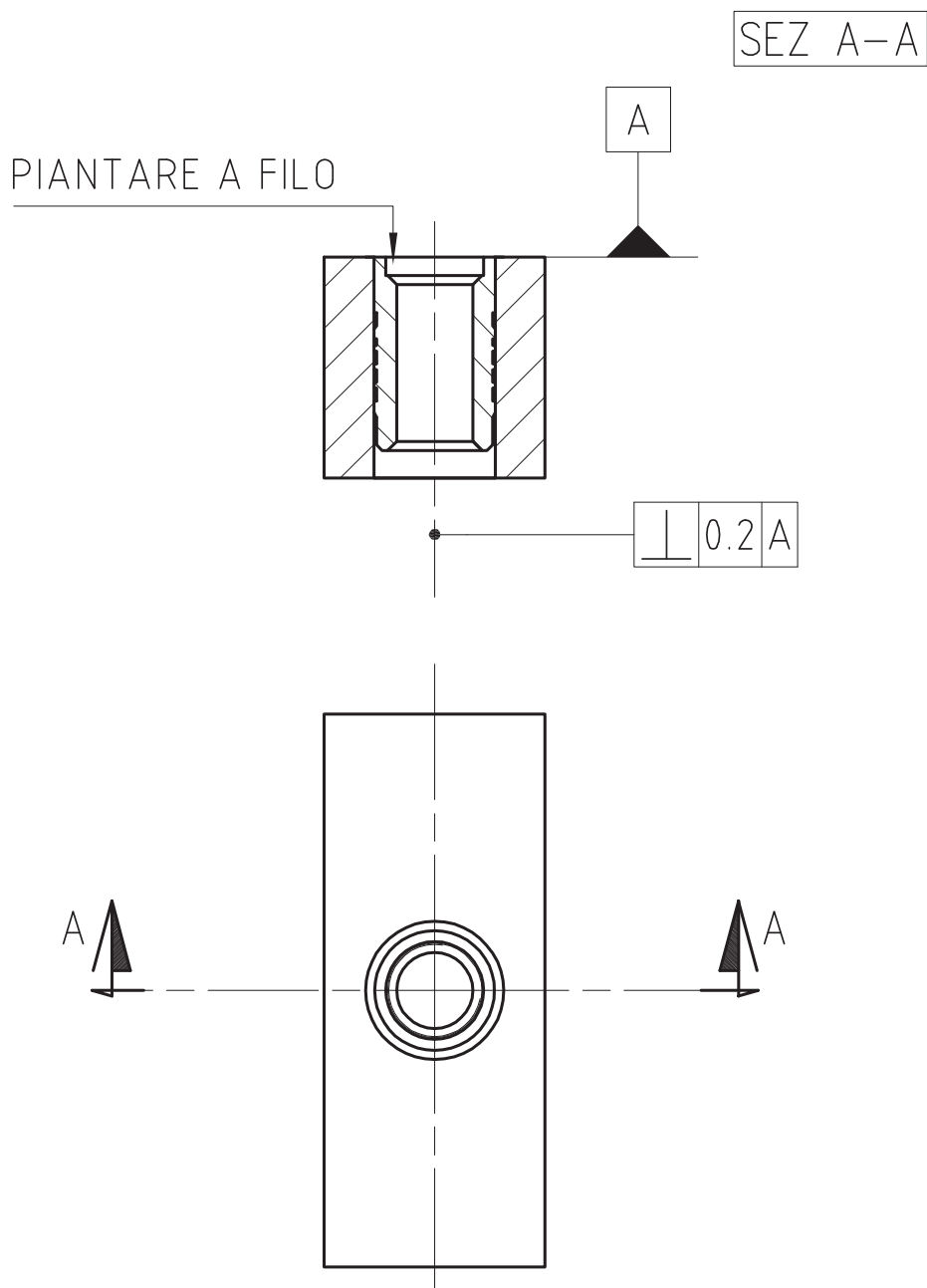
FAST.LOC reference	FLC1609
Description	Angular window frame
Material / Finishing	AL EN46100
Project	ETR 500



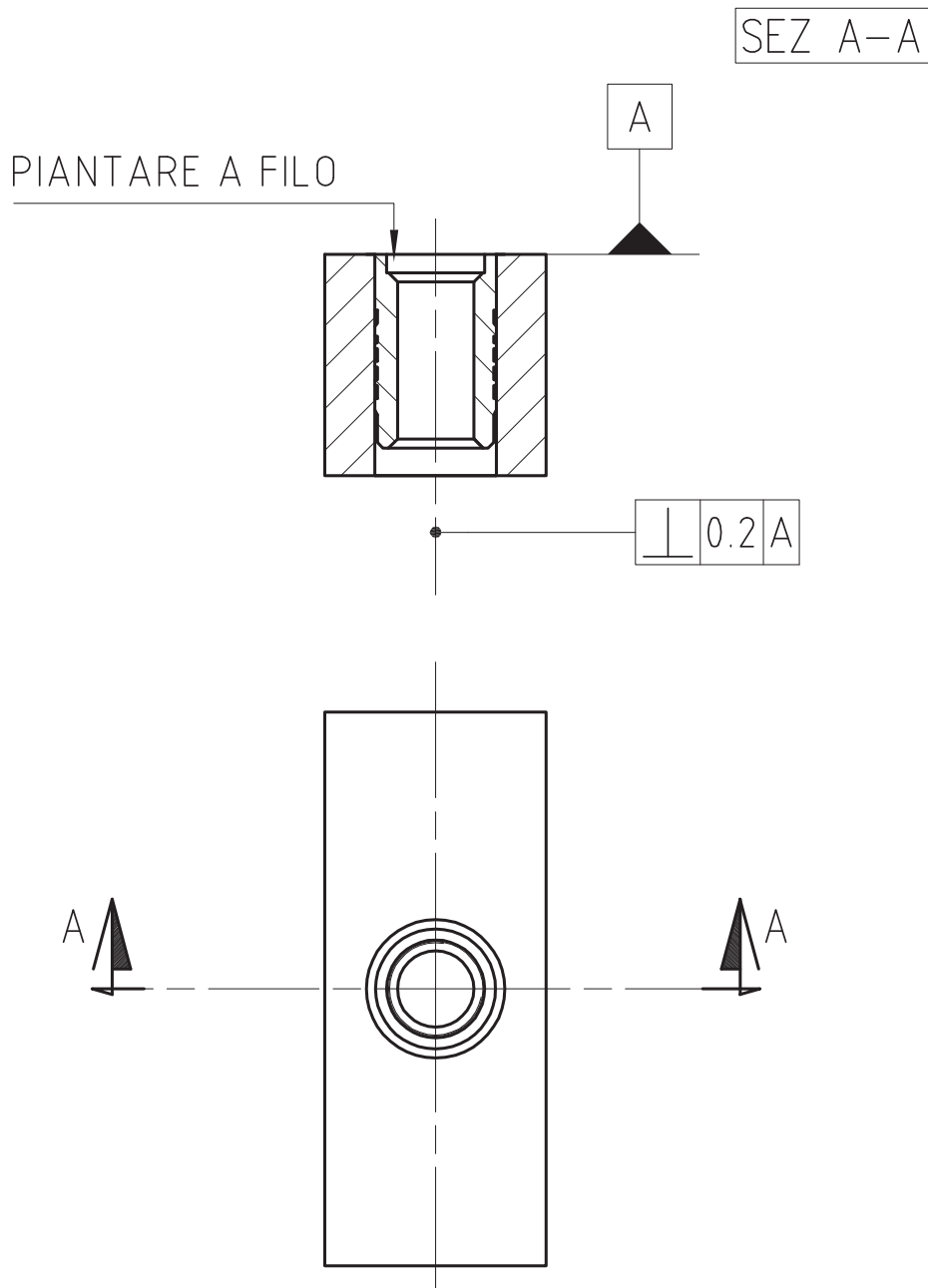
Isometric View
(1:1)



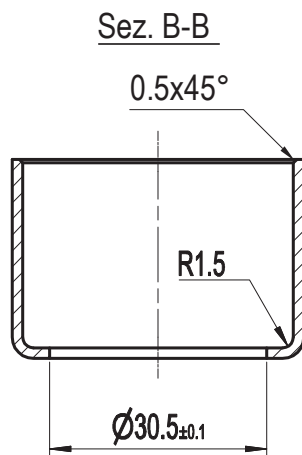
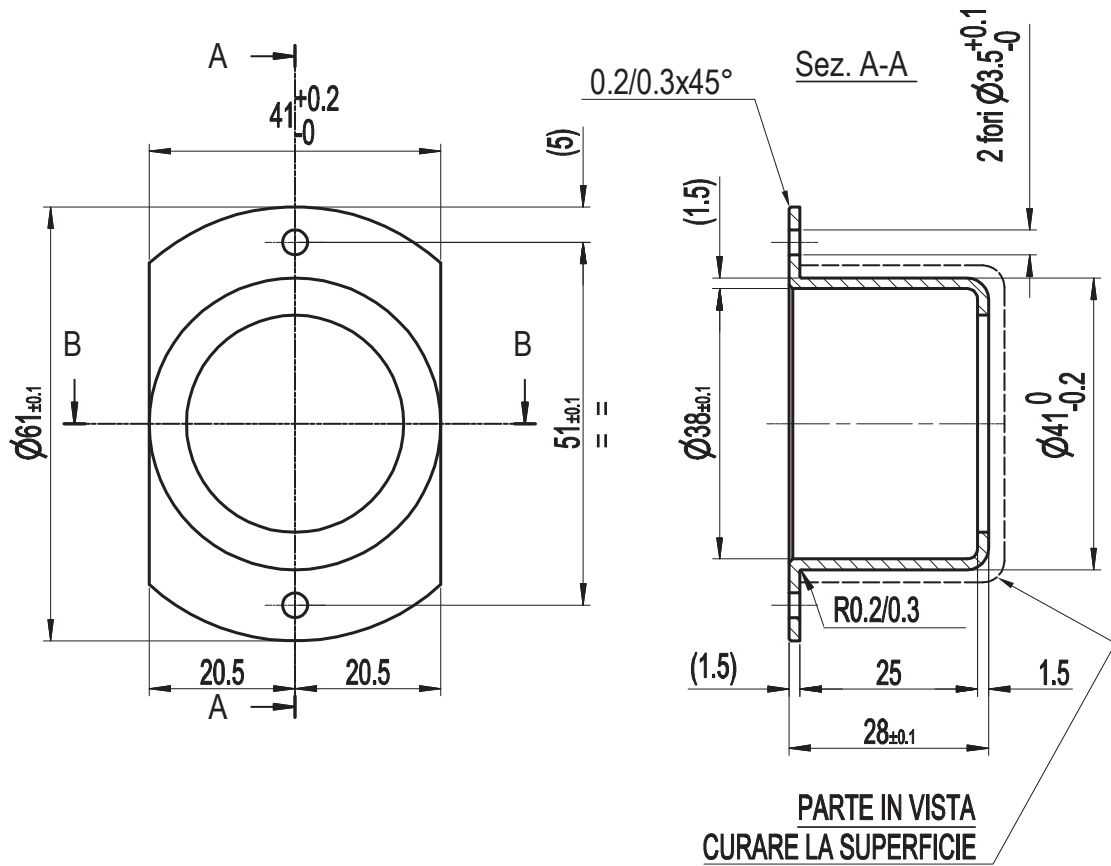
FAST.LOC reference	FLC1676
Description	Angular window frame
Material / Finishing	AL UNI5076
Project	CTR



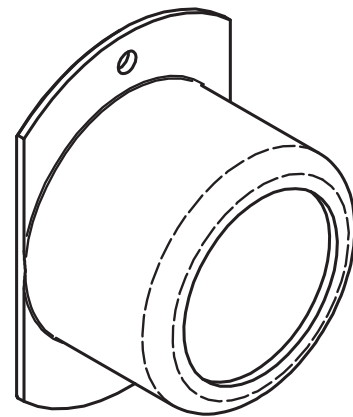
FAST.LOC reference	0406ABL
Description	Special nut
Material / Finishing	PA6.6 / Brass
Project	Thalent



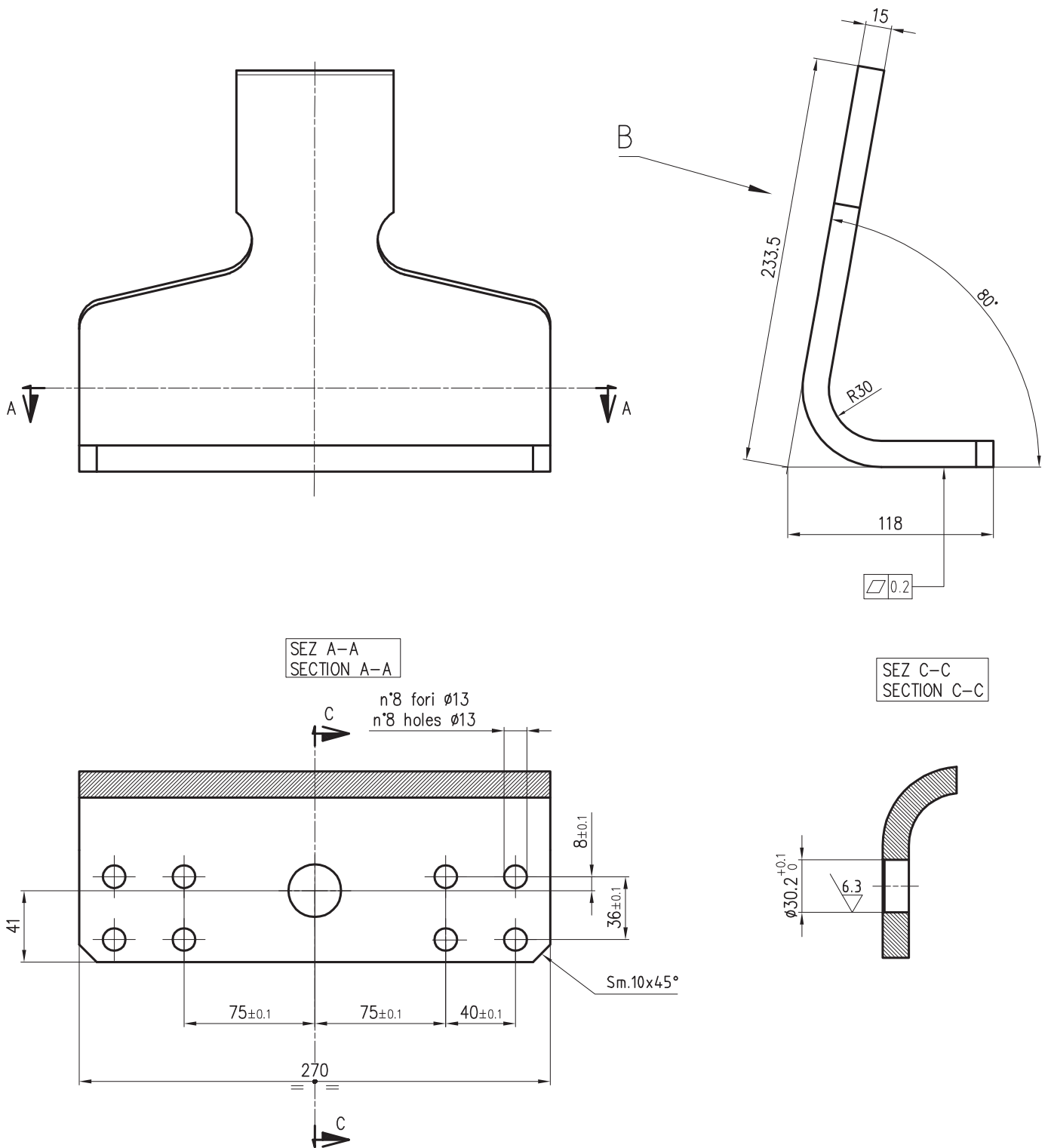
FAST.LOC reference	SGP0101
Description	Bracket
Material / Finishing	Steel/Zinc plating
Project	Thalent



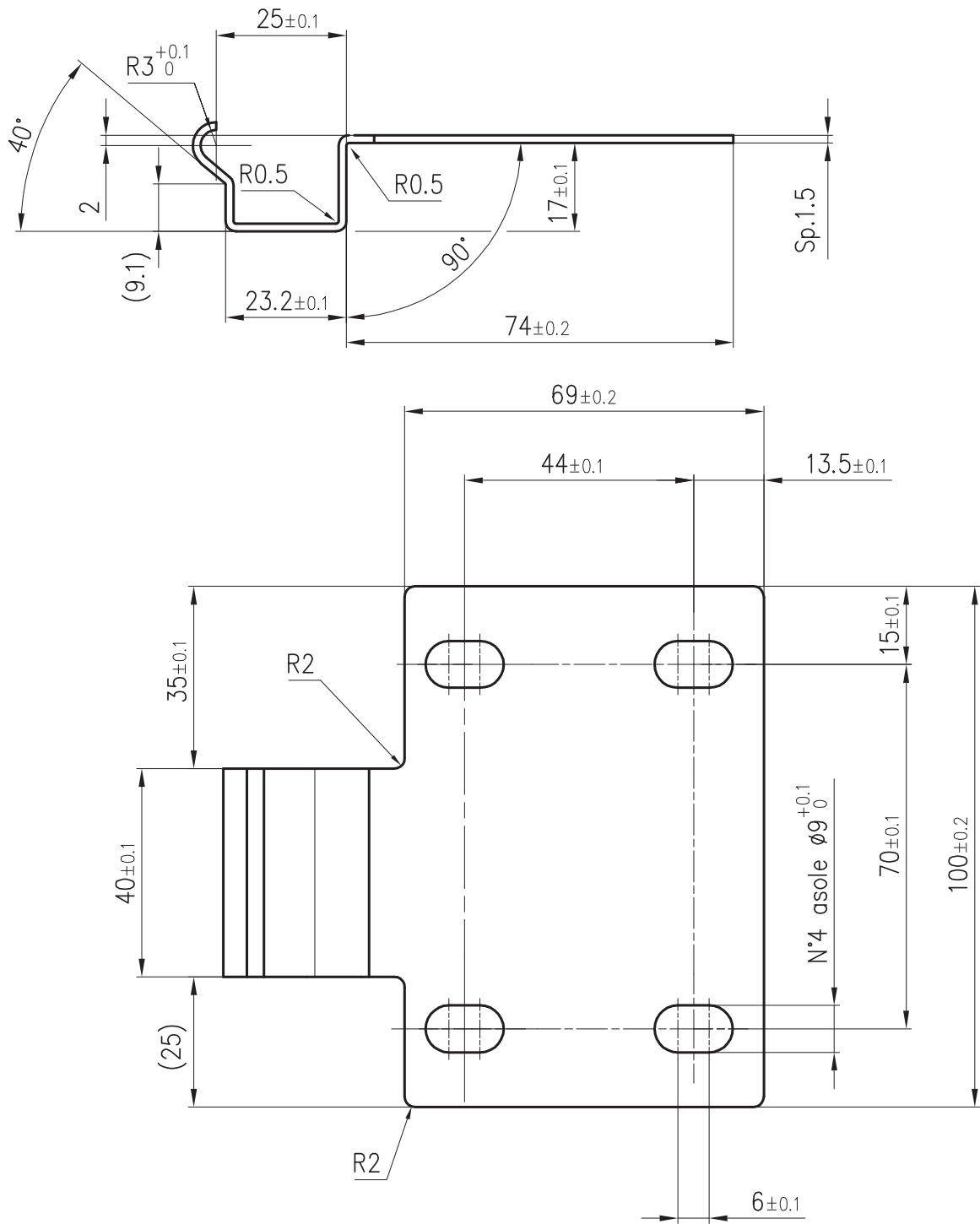
Vista isometrica



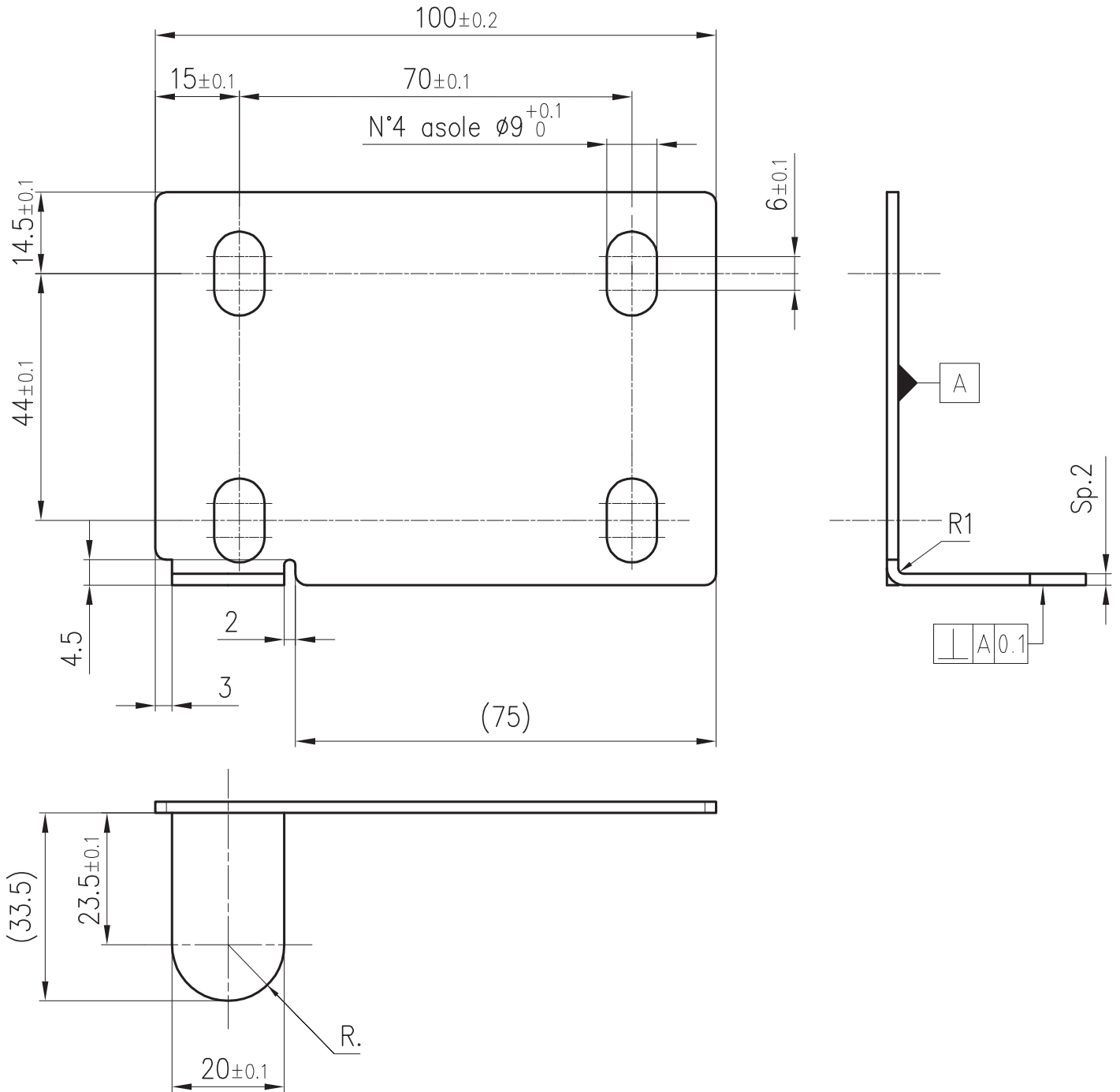
FAST.LOC reference	FLC1618
Description	Grommet
Material / Finishing	AL 11S
Project	Thalent



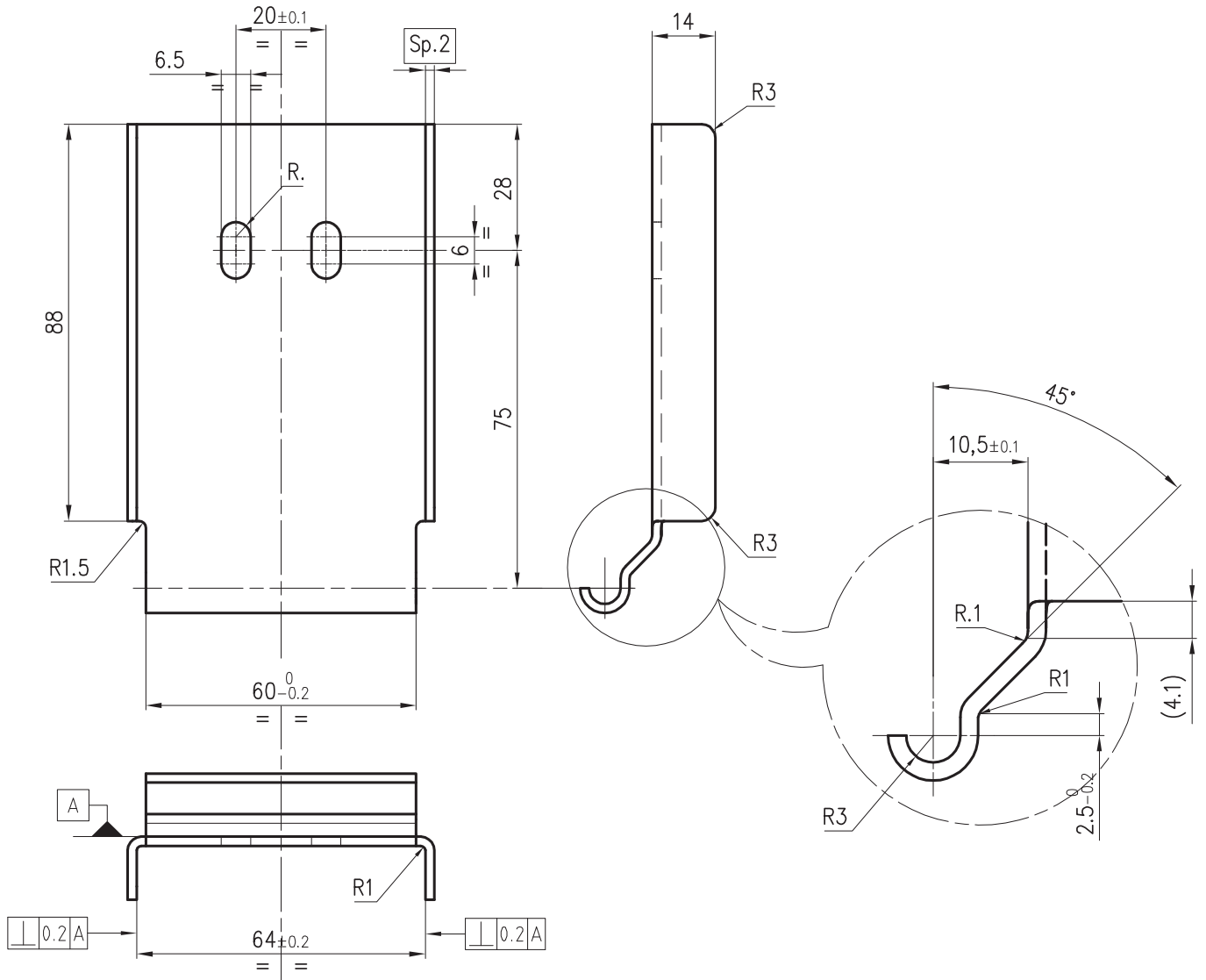
FAST.LOC reference	FLC2328
Description	Bracket
Material / Finishing	EN10025
Project	EMU China



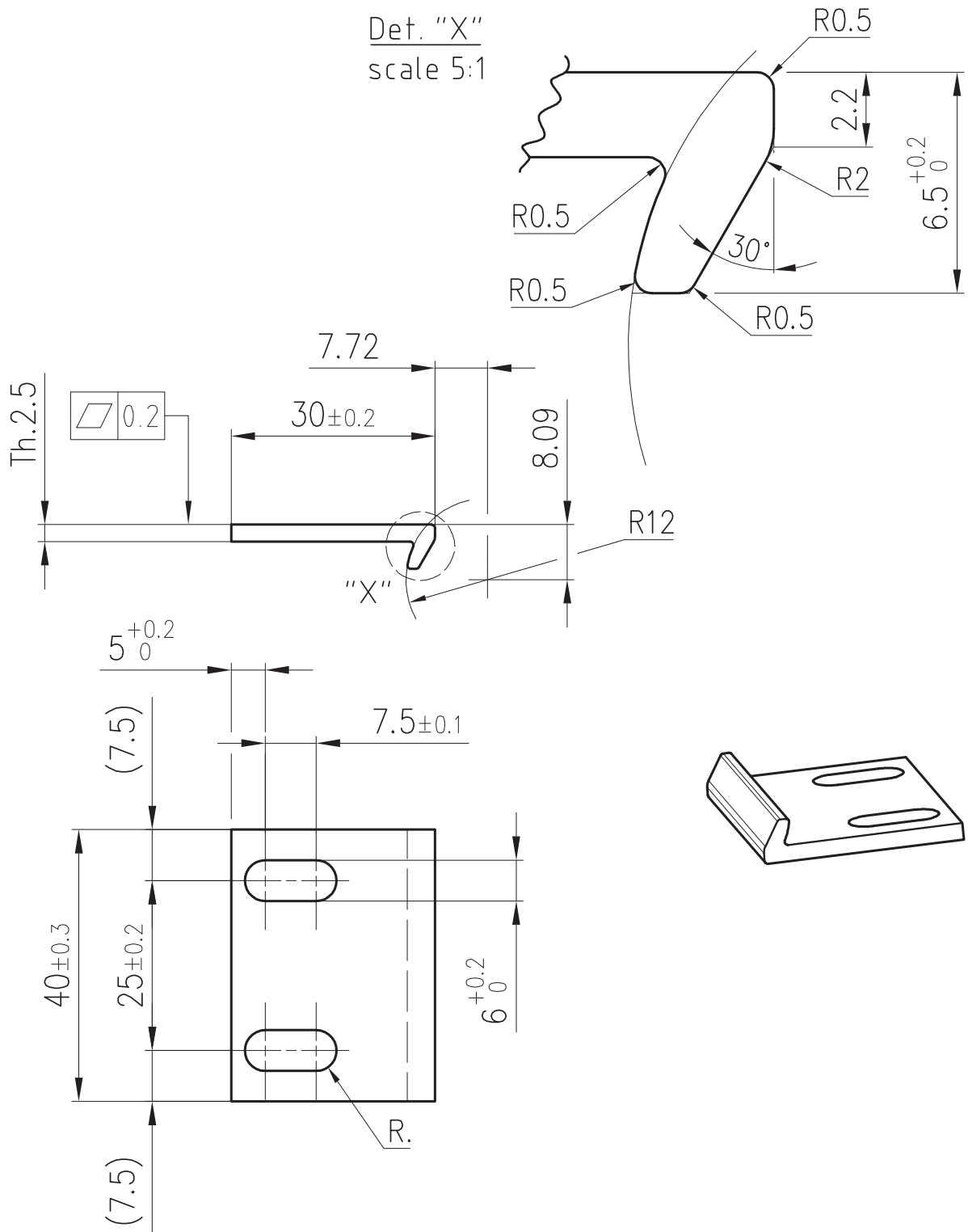
FAST.LOC reference	FLC2088
Description	Bracket
Material / Finishing	AISI304
Project	Thalent



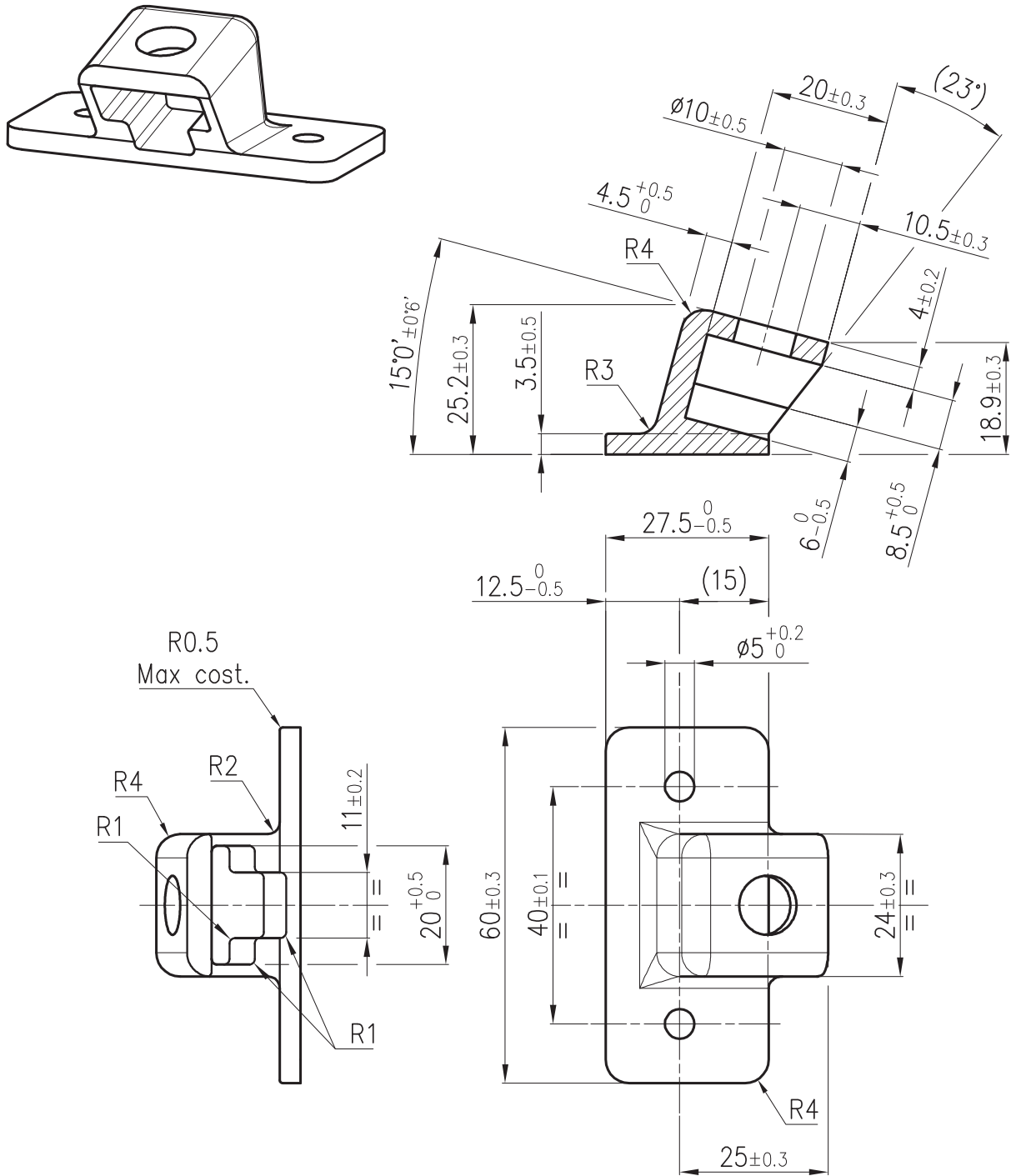
FAST.LOC reference	FLC2087
Description	Bracket
Material / Finishing	AISI304
Project	Thalent



FAST.LOC reference	FLC2121
Description	Bracket
Material / Finishing	Fe360
Project	Metro New Delhi



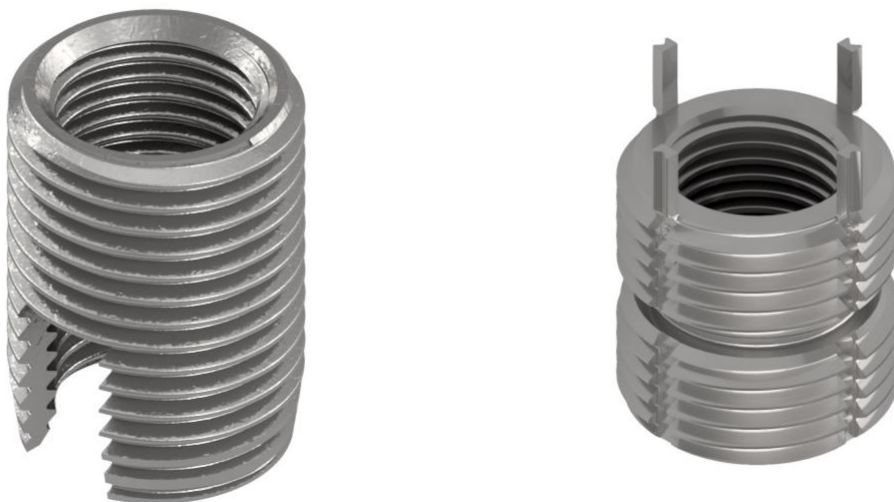
FAST.LOC reference	STD3311
Description	Catch
Material / Finishing	AISI304
Project	Metro New Delhi



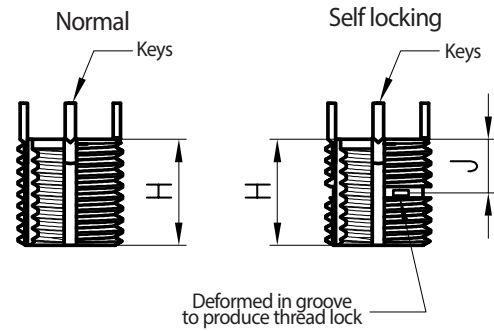
FAST.LOC reference	STD3309
Description	Catch
Material / Finishing	AL 11S
Project	Metro New Delhi

Threaded inserts

Self-tapping and keylocking inserts



Material: AISI303 (Inserts), AISI302 (Keys)
 Finishing: Passivated per AMS 2700
 Tolerances: $\pm 0,25$ mm unless otherwise indicated
 All dimensions in millimeters (mm)
 2 keys for inserts up to M6, 4 keys for inserts >M6
 *Self-locking inserts can be supplied with dry-film lube coatings (*TWL) or only passivated (*TWLN).



Thinwall

Part number		Characteristics				Installation				Removal		
Normal	Self-locking	Internal thread	External thread	H	J (rif.)	Install tool part number	ø Drill bit	ø Flaring +0,25/0	Thread tap		Drill bit	
									Size	Depth	Size	Depth
3720-5.00TW	3720-5.00TWL*	M5X0,8	M8X1,25	8	4	3600-5.00TT	6,9	8,25	M8X1,25	9,5	5,5	4,00
3720-6.00TW	3720-6.00TWL*	M6X1	M10X1,25	10	5	3600-6.00TT	8,80	10,25	M10X1,25	11,5	7,5	4,75
3720-8.00TW	3720-8.00TWL*	M8X1,25	M12X1,25	12	6	3600-8.00TT	10,80	12,25	M12X1,25	13,5	9,5	4,75
3721-8.00TW	3721-8.00TWL*	M8X1										
3720-10.00TW	3720-10.00TWL*	M10X1,5	M14X1,5	14	7	3600-10.00TT	12,80	14,25	M14X1,5	15,5	11,5	4,75
3721-10.00TW	3721-10.00TWL*	M10X1,25										
3720-12.00TW	3720-12.00TWL*	M12X1,75	M16X1,5	16	8	3600-12.00TT	14,75	16,25	M16X1,5	17,5	13,5	4,75
3721-12.00TW	3721-12.00TWL*	M12X1,25										

Heavy Duty

Part number		Characteristics				Installation				Removal		
Normal	Self-locking	Internal thread	External thread	H	J (rif.)	Install tool part number	ø Drill bit	ø Flaring +0,25/0	Thread tap		Drill bit	
									Size	Depth	Size	Depth
3720-4.00HD	3720-4.00HDL*	M4X0,7	M8X1,25	8	4	3600-4.00HT	6,90	8,25	M8X1,25	9,50	5,50	4,00
3720-5.00HD	3720-5.00HDL*	M5X0,8	M10X1,25	10	5	3600-5.00HT	8,80	10,25	M10X1,25	12,5	7,50	4,75
3720-6.00HD	3720-6.00HDL*	M6X1	M12X1,25	12	6	3600-6.00HT	10,80	12,25	M12X1,25	14,50	9,50	4,75
3720-8.00HD	3720-8.00HDL*	M8X1,25	M14X1,5	14	7	3600-8.00HT	12,80	14,25	M14X1,5	16,50	11,50	4,75
3721-8.00HD	3721-8.00HDL	M8X1										
3720-10.00HD	3720-10.00HDL*	M10X1,5	M16X1,5	16	8	3600-10.00HT	14,75	16,25	M16X1,5	18,50	13,50	4,75
3721-10.00HD	3721-10.00HDL*	M10X1,25										
3720-12.00HD	3721-12.00HDL*	M12X1,75	M18X1,5	18	9	3600-12.00HT	16,75	18,25	M18X1,5	20,50	15,50	4,75
3721-12.00HD	3721-12.00HDL*	M12X1,25										
3720-14.00HD	3720-14.00HDL*	M14X2	M20X1,5	20	10	3600-14.00HT	18,75	20,25	M20X1,5	22,50	17,50	4,75
3721-14.00HD	3721-14.00HDL*	M14X1,5										
3720-16.00HD	3720-16.00HDL*	M16X2	M22X1,5	22	11	3600-16.00HT	20,50	22,25	M22X1,5	24,50	17,75	6,35
3721-16.00HD	3721-16.00HDL*	M16X1,5										
3721-18.00HD	3721-18.00HDL*	M18X1,5	M24X1,5	24	12	3600-18.00HT	22,50	24,25	M24X1,5	26,50	19,75	6,35
3720-20.00HD	3720-20.00HDL*	M20X2,5	M30X2	30	15	3600-20.00HT	28,00	30,25	M30X2	34,50	25,75	6,35
3721-20.00HD	3721-20.00HDL*	M20X1,5										
3721-22.00HD	3721-22.00HDL*	M22X1,5	M32X2	32	16	3600-22.00HT	30,00	32,25	M32X2	36,50	27,75	6,35
3720-24.00HD	3720-24.00HDL*	M24X3	M33X3	33	16.5	3600-24.00HT	31,00	33,25	M33X3	37,50	28,75	6,35
3721-24.00HD	3721-24.00HDL*	M24X2										

212 Line

Internal thread d	Part number*	External thread D	Height L	Hole depth MIN
M2,5X0,45	212.025.§	M4,5X0,5	6	8
M3X0,5	212.030.§	M5X0,5	6	8
M4X0,7	212.040.§	M6,5X0,75	8	10
M5X0,8	212.050.§	M8X1	10	13
M6X1	212.060.§	M10X1,5	14	17
M8X1,25	212.080.§	M12X1,5	15	18
M10X1,5	212.100.§	M14X1,5	18	22
M12X1,75	212.120.§	M16X1,5	22	26
M14X2	212.140.§	M18X1,5	24	28
M16X2	212.160.§	M20X1,5	22	27

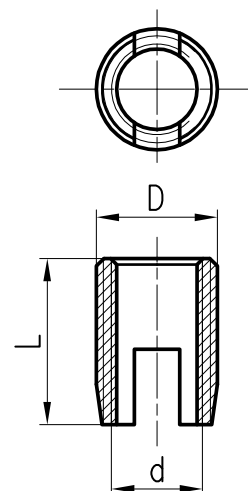
All dimensions are in millimeters [mm]

* For the complete part number, replace § with the material part number as below:

16 - Cr6-free galvanized steel

50 - Stainless steel AISI303

80 - Brass



318C / 318L Line

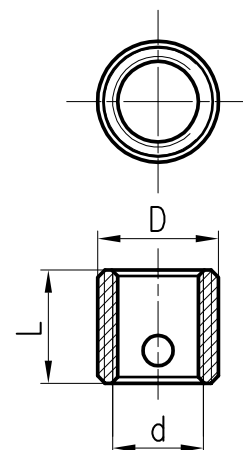
Int. thread d	Part number*	Ext. thread D	Height L		Hole depth	
			318C	318L	318C	318L
M4X0,7	318C.040.§ / 318L.040.§	M6,5X0,8	6	8	8	10
M5X0,8	318C.050.§ / 318L.050.§	M8X1	7	10	9	13
M6X1	318C.060.§ / 318L.060.§	M10X1,25	8	12	10	15
M8X1,25	318C.080.§ / 318L.080.§	M12X1,5	9	14	11	17
M10X1,5	318C.100.§ / 318L.100.§	M14X1,5	10	18	13	22
M12X1,75	318C.120.§ / 318L.120.§	M16X1,75	12	22	15	26
M14X2	318C.140.§ / 318L.140.§	M18X2	14	24	17	28

All dimensions are in millimeters [mm]

* For the complete part number, replace § with the material part number as below:

16 - Cr6-free galvanized steel

50 - Stainless steel AISI303



319 Line

Internal thread d	Part number*	External thread D	Height L	Hole depth MIN
M3X0,5	319.030.§	5,5x2	6	8
M4X0,7	319.040.§	7x2,5	10	13
M5X0,8	319.050.§	9x3	12	15
M6X1	319.060.§	10x4	14	17
M8X1,25	319.080.§	13x4	20	23

All dimensions are in millimeters [mm]

* For the complete part number, replace § with the material part number as below:

80 - Brass

