METRIC

SUPER TECHNO POLYMER | INOX STAINLESS STEEL | RoHS | PA | +176 °F -4 °F

CAM LEVER BODY
Glass-fibre reinforced polyamide based (PA) technopolymer, black colour, matte finish.

ROTATING PIN
Glossy zinc-plated steel or AISI 303 stainless steel, with threaded hole or threaded stud.

CONNECTION AND RETENTION ELEMENT BETWEEN THE LEVER AND THE CAM SLIDING BASE
Polyamide based technopolymer (PA), black colour.

CAM SLIDING BASE
Polyamide-based SUPER-technopolymer (PA), black colour.

ADJUSTABLE KNURLED RING-NUT
Polyamide-based SUPER-technopolymer (PA), black colour.

STANDARD EXECUTIONS
- **LAC-B:** positioning without adjustable ring-nut, rotating pin with zinc-plated steel threaded hole.
- **LAC-SST:** positioning without adjustable ring-nut, rotating pin with AISI 303 stainless steel threaded hole.
- **LAC-p:** positioning without adjustable ring-nut, rotating pin with zinc-plated steel threaded stud, chamfered flat end UNI 947: ISO 4753 (see Technical data on page A-11).
- **LAC-SST-p**: positioning without adjustable ring-nut, rotating pin with AISI 303 stainless steel threaded stud, chamfered flat end UNI 947: ISO 4753 (see Technical data on page A-11).
- **LAC-R-B:** positioning with adjustable ring-nut, rotating pin with zinc-plated steel threaded hole.
- **LAC-R-p:** positioning with adjustable ring-nut, rotating pin with threaded stud in zinc-plated steel, chamfered flat end UNI 947: ISO 4753 (see Technical data on page A-11).
- **LAC-R-SST:**positioning with adjustable ring-nut, rotating pin with AISI 303 stainless steel threaded hole.
- **LAC-R-SST-p:** positioning with adjustable ring-nut, rotating pin with threaded stud in AISI 303 stainless steel, chamfered flat end UNI 947: ISO 4753 (see Technical data on page A-11).

FEATURES AND APPLICATIONS
Cam lever is a device which allows a quick and secure clamping.
The LAC-R model with adjustable ring-nut (ELESA patent) offers quick and secure clamping. The knurled ring-nut on the base allows to adjust the clamping force applied while locking the lever in the desired position.

RECOMMENDATIONS FOR ASSEMBLY
LAC-B, LAC-SST, LAC-R-B and LAC-R-SST with threaded hole. The screw where the cam lever is mounted must protrude from the assembly surface by a maximum length of h1 max from the end-stop as shown in table and Fig.1. The user will notice the h1 max value is reached as the screw rests on the end-stop in the connecting element.

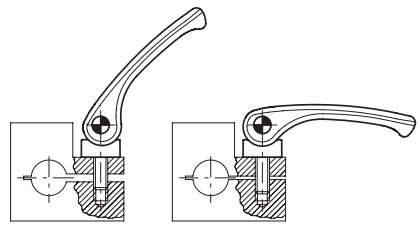
INSTRUCTIONS FOR CLAMPING AND ADJUSTMENT
- LAC: lift and rotate the lever clockwise until it stops, then, to complete clamping, lower the lever whose fulcrum is an eccentric cam which controls the base by rotating.
- LAC-R: lift and rotate the lever clockwise until it stops.

Fine adjustment: rotate clockwise or anti-clockwise the knurled adjustable ring-nut to calibrate the clamping force and put the lever in the desired position. The ring-nut is marked with minimum and maximum adjustment values: half a turn is enough for adjustment.
Clamping: lower the lever whose fulcrum is an eccentric cam which controls the adjusting base by rotating.

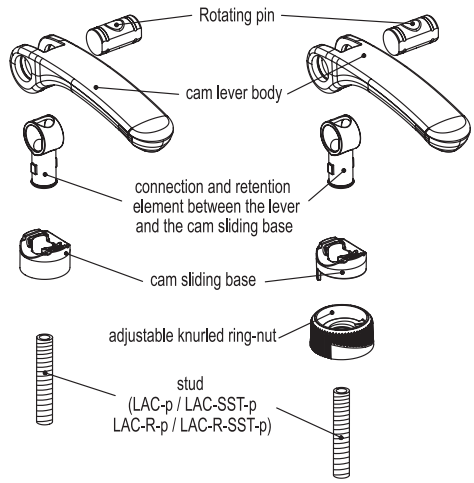
product design award 2011

ELESA Original design ■

Clamping



LAC LAC-R



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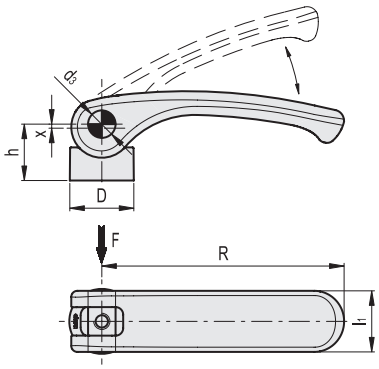
LAC-B
LAC-SST



LAC-p
LAC-SST-p

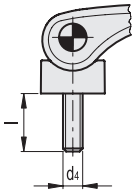
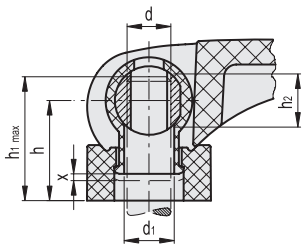


Fig.1



Conversion Table *1 mm = 0.039 inch*	
R	
mm	inch
63	2.48
79	3.11

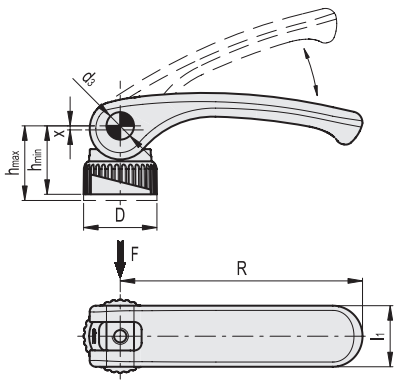
LAC-B ▼ METRIC **LAC-SST** INOX STAINLESS STEEL METRIC

Code	Description	R	d	D	h	h1 max	h2	d1	d3	l1	x	Fmax [N]	⚖	Code	Description
33482	LAC.63 B-M6	63	M6	18	18	20	4	6.1	9	18	0.75	4000	23	33487	LAC.63 SST-M6
33562	LAC.80 B-M8	79	M8	20	21	25.5	7	8.1	11	20	1	7000	32	33567	LAC.80 SST-M8

LAC-p ▼ METRIC **LAC-SST-p** INOX STAINLESS STEEL METRIC

Code	Description	R	d4	D	h	d1	d3	l	l1	x	Fmax [N]	⚖	Code	Description
33492	LAC.63 p-M6x25	63	M6	18	18	6.1	9	25	18	0.75	4000	33	33497	LAC-63 SST-p-M6x25
33496	LAC.63 p-M6x50	63	M6	18	18	6.1	9	50	18	0.75	4000	42	33501	LAC-63 SST-p-M6x50
33582	LAC.80 p-M8x25	79	M8	20	21	8.1	11	25	20	1	7000	46	33587	LAC-80 SST-p-M8x25
33586	LAC.80 p-M8x50	79	M8	20	21	8.1	11	50	20	1	7000	55	33591	LAC-80 SST-p-M8x50

LAC-R-B
LAC-R-SST



LAC-R-p
LAC-R-SST-p

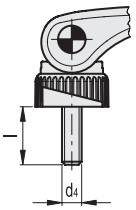
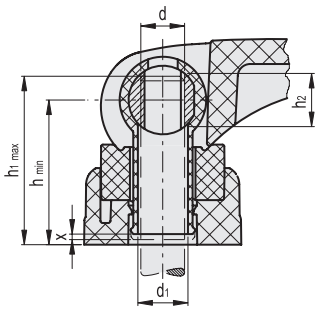


Fig.1



LAC-R-B ▼ **LAC-R-SST** INOX STAINLESS STEEL METRIC

Code	Description	R	d	D	hmin	hmax	h1 max	h2	d1	d3	l1	x	Fmax [N]	⚖	Code	Description
33462	LAC-R-63 B-M6	63	M6	21	22.5	24	26	4	6.1	9	18	0.75	4000	25	33467	LAC-R-63 SST-M6
33512	LAC-R-80 B-M8	79	M8	25	26.5	28	32.5	7	8.1	11	20	1	7000	39	33517	LAC-R-80 SST-M8

LAC-R-p ▼ **LAC-R-SST-p** INOX STAINLESS STEEL METRIC

Code	Description	R	d4	D	hmin	hmax	d1	d3	l	l1	x	Fmax [N]	⚖	Code	Description
33472	LAC-R-63 p-M6x25	63	M6	21	22.5	24	6.1	9	25	18	0.75	4000	35	33477	LAC-R-63 SST-p-M6x25
33476	LAC-R-63 p-M6x50	63	M6	21	22.5	24	6.1	9	50	18	0.75	4000	44	33481	LAC-R-63 SST-p-M6x50
33532	LAC-R-80 p-M8x25	79	M8	25	26.5	28	8.1	11	25	20	1	7000	53	33537	LAC-R-80 SST-p-M8x25
33536	LAC-R-80 p-M8x50	79	M8	25	26.5	28	8.1	11	50	20	1	7000	62	33541	LAC-R-80 SST-p-M8x50

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