

## Cam levers

### Technopolymer

#### 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 A11).
- **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 A11).
- **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 zinc-plated steel threaded stud, chamfered flat end UNI 947: ISO 4753 (see Technical Data on page A11).
- **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 A11).

#### 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: rotate the lever clockwise until it stops.

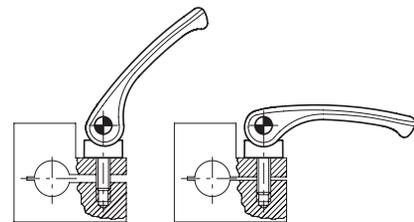
Fine adjustment: rotate clockwise or anti-clockwise the knurled adjustable ring-nut to calibrate the clamping force and put the lever in the desired position. The ring-nut is marked with minimum and maximum adjustment values; half a turn is enough for adjustment.

Clamping: lower the lever whose fulcrum is an eccentric cam which controls the adjusting base by rotating.



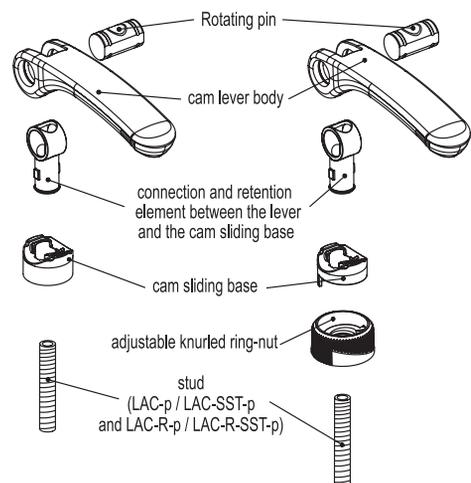
ELESA Original design 2011

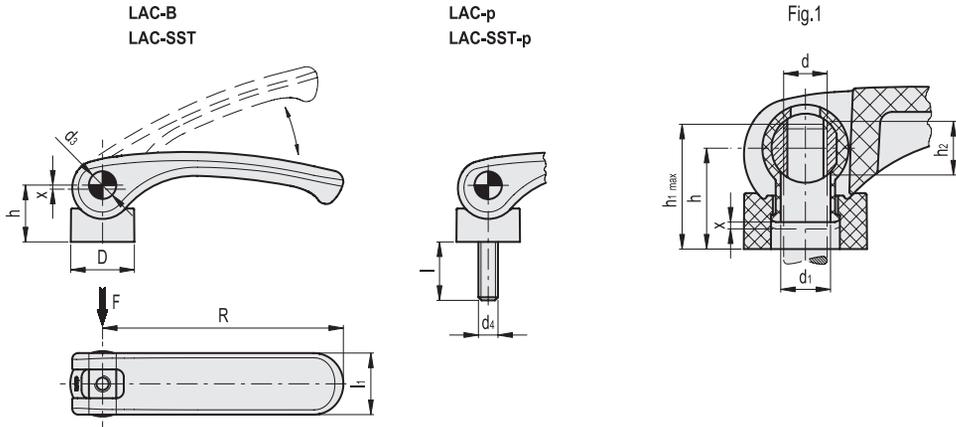
Clamping



LAC

LAC-R





LAC-B

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

LAC-SST

STAINLESS STEEL

Code	Description
33487	LAC.63 SST-M6
33567	LA C.80 SST-M8

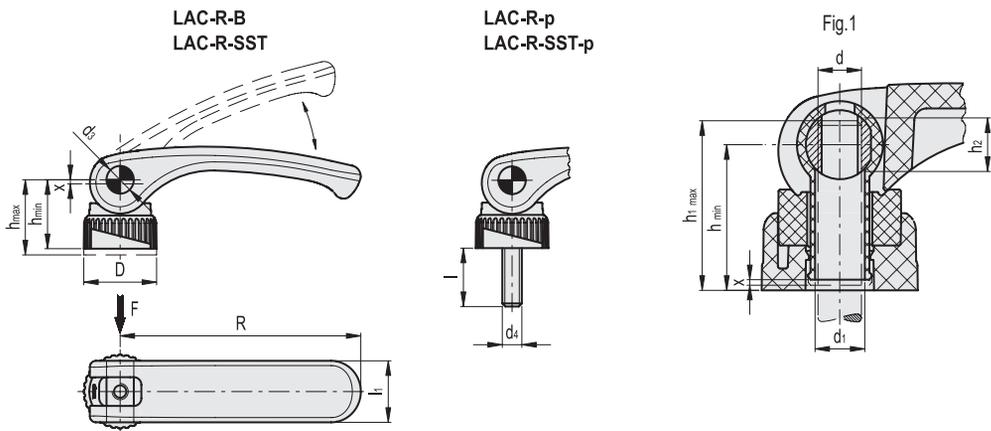
LAC-p

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

LAC-SST-p

STAINLESS STEEL

Code	Description
33497	LAC-63 SST-p-M6x25
33501	LAC-63 SST-p-M6x50
33587	LAC-80 SST-p-M8x25
33591	LAC-80 SST-p-M8x50



LAC-R-B

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

LAC-R-SST

STAINLESS STEEL

Code	Description
33467	LAC-R-63 SST-M6
33517	LAC-R-80 SST-M8

LAC-R-p

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

LAC-R-SST-p

STAINLESS STEEL

Code	Description
33477	LAC-R-63 SST-p-M6x25
33481	LAC-R-63 SST-p-M6x50
33537	LAC-R-80 SST-p-M8x25
33541	LAC-R-80 SST-p-M8x50

