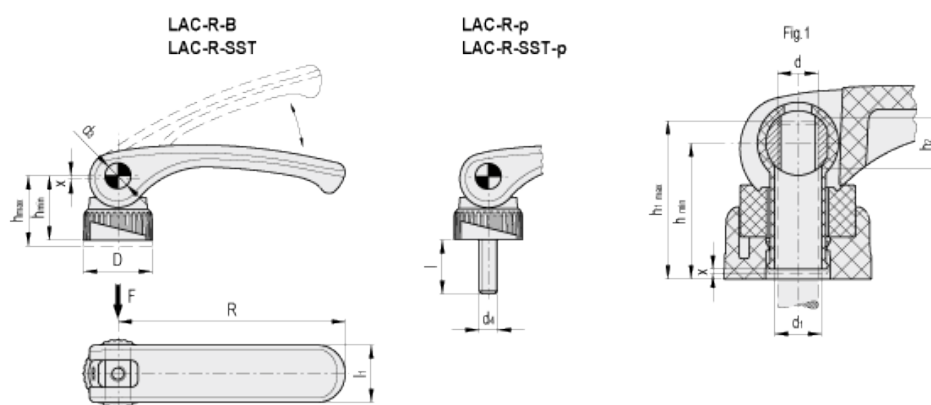


# LAC-R

## Adjustable cam levers



ELESA Original design



Elesa Standards		Main dimensions													Pull force	Weight
Code	Description	R	l <sub>1</sub>	D	d	h <sub>min</sub>	h <sub>max</sub>	x	h <sub>1 max</sub>	h <sub>2</sub>	d <sub>1</sub>	d <sub>3</sub>	d <sub>4</sub>	l	F [N] max	g
33462	LAC-R-63 B-M6	63	18	21	M6	22.5	24	0.75	26	4	6.1	9	-	-	4000	25
33512	LAC-R-80 B-M8	79	20	25	M8	26.5	28	1	32.5	7	8.1	11	-	-	7000	39
33472	LAC-R-63 p-M6x25	63	18	21	M6	22.5	24	0.75	-	-	6.1	9	M6	25	4000	35
33476	LAC-R-63 p-M6x50	63	18	21	M6	22.5	24	0.75	-	-	6.1	9	M6	50	4000	44
33532	LAC-R-80 p-M8x25	79	20	25	M8	26.5	28	1	-	-	8.1	11	M8	25	7000	53
33536	LAC-R-80 p-M8x50	79	20	25	M8	26.5	28	1	-	-	8.1	11	M8	50	7000	62
33467	LAC-R-63 SST-M6	63	18	21	M6	22.5	24	0.75	26	4	6.1	9	-	-	4000	25
33517	LAC-R-80 SST-M8	79	20	25	M8	26.5	28	1	32.5	7	8.1	11	-	-	7000	39
33477	LAC-R-63 SST-p-M6x25	63	18	21	M6	22.5	24	0.75	-	-	6.1	9	M6	25	4000	35
33481	LAC-R-63 SST-p-M6x50	63	18	21	M6	22.5	24	0.75	-	-	6.1	9	M6	50	4000	44
33537	LAC-R-80 SST-p-M8x25	79	20	25	M8	26.5	28	1	-	-	8.1	11	M8	25	7000	53
33541	LAC-R-80 SST-p-M8x50	79	20	25	M8	26.5	28	1	-	-	8.1	11	M8	50	7000	62

### Cam lever body

Glass-fibre reinforced polyamide based (PA) technopolymer. Resistant to solvents, oils, greases and other chemical agents.

### Colour

Black, 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-R-B: positioning with adjustable ring-nut, rotating pin with threaded hole in glossy zinc-plated steel.
- 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](#)).
- LAC-R-SST: positioning with adjustable ring-nut, rotating pin with threaded hole in AISI 303 stainless steel.
- 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](#)).

### Features and applications

Cam lever is a device which allows a quick and secure clamping.

LAC-R with adjustable ring-nut (ELESA patent) offers a 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-R-B e 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

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.

