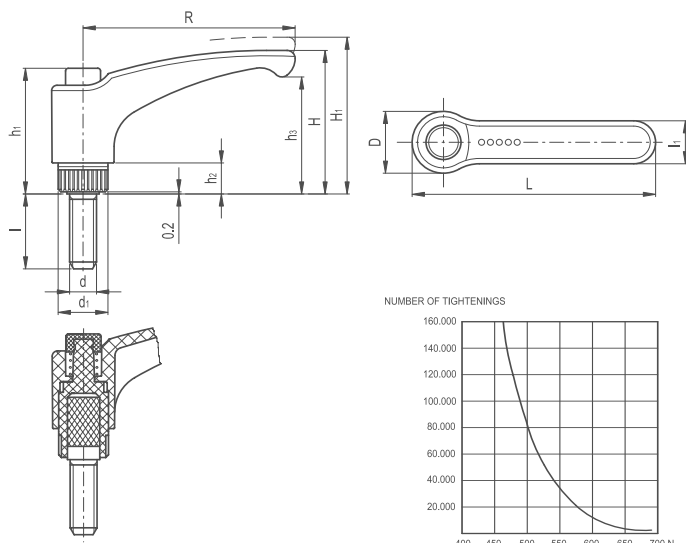


# Adjustable Clamping Lever ERX



## LEVER BODY

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

## COLOUR

- / Grey-black, matte finish

## PUSH BUTTON

- / Technopolymer in Ergostyle colours, glossy finish

## CLAMPING ELEMENT WITH RETAINING PIN

Glass-fibre reinforced technopolymer, black colour, with knurling on the protruding part to make initial tightening easier. AISI 302 stainless steel return spring.

## ASSEMBLY

Zinc-plated steel threaded stud, chamfered flat end according to UNI 947 : ISO 4753.

## SPECIAL EXECUTIONS ON REQUEST

(For sufficient quantities)

- / Lever body in orange colour

## FEATURES AND APPLICATIONS

Particularly suitable when the lever turning angle is limited owing to lack of space. Compared to other types of adjustable handles with metal retaining screw this solution offers:

- / absolute electric insulation for the operator's hand
- / no visible steel parts subject to rust
- / more comfortable lever release.

## STRESS RESISTANCE

Adjustable handles are generally used for repetitive clamping operations sometimes with very high-frequency. Therefore, the stress resistance (i.e. the resistance to repeated tightening cycles) of the handle unit is particularly important and, especially, the strength of the toothed element which transmits the tightening force from the handle to the threaded element (boss or stud).

In fact, the results of several laboratory tests, performed with a special instrument that simulates the most severe use conditions, have shown that e.g. the adjustable handle can withstand without yielding more than 100,000 tightening cycles, under the action of a force of 490 N (see graphic).

## INSTRUCTIONS OF USE

For clamping, lift the lever to disengage the clamping device toothing and bring it back to start position. By releasing the lever, the return spring automatically engages the toothing.

## ERGONOMY AND DESIGN

The slightly arched shape of the lever and the ergonomic terminal enlargement give the operator a comfortable and safe grip and make the design of the handle more elegant, while the thumb rests naturally on the push button.



RAL 7021 RAL 2004 RAL 7035 RAL 1021 RAL 5024 RAL 3000



Part Reference	R	L	D	H	H1	h1	h2	h3	d1	L1	Threaded Stud d 6h l	Teeth No. z
ACLERX1	44	52	15.5	32.5	36	29.5	6	25	12	11	M5 10	18
ACLERX2	44	52	15.5	32.5	36	29.5	6	25	12	11	M5 16	18
ACLERX3	44	52	15.5	32.5	36	29.5	6	25	12	11	M5 20	18
ACLERX4	44	52	15.5	32.5	36	29.5	6	25	12	11	M6 10	18
ACLERX5	44	52	15.5	32.5	36	29.5	6	25	12	11	M6 16	18
ACLERX6	44	52	15.5	32.5	36	29.5	6	25	12	11	M6 20	18
ACLERX7	44	52	15.5	32.5	36	29.5	6	25	12	11	M6 25	18
ACLERX8	44	52	15.5	32.5	36	29.5	6	25	12	11	M6 30	18
ACLERX9	44	52	15.5	32.5	36	29.5	6	25	12	11	M6 40	18
ACLERX10	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M6 10	20
ACLERX11	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M6 16	20
ACLERX12	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M6 20	20
ACLERX13	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M6 25	20
ACLERX14	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M6 30	20
ACLERX15	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M6 35	20
ACLERX16	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M6 40	20
ACLERX17	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8 16	20
ACLERX18	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8 20	20
ACLERX19	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8 25	20
ACLERX20	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8 30	20
ACLERX21	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8 35	20
ACLERX22	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8 40	20
ACLERX23	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8 45	20
ACLERX24	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8 50	20
ACLERX26	78	90.5	23	54	58	47	12	44	19	16	M10 20	24
ACLERX27	78	90.5	23	54	58	47	12	44	19	16	M10 25	24
ACLERX28	78	90.5	23	54	58	47	12	44	19	16	M10 30	24
ACLERX29	78	90.5	23	54	58	47	12	44	19	16	M10 35	24
ACLERX30	78	90.5	23	54	58	47	12	44	19	16	M10 40	24
ACLERX31	78	90.5	23	54	58	47	12	44	19	16	M10 50	24
ACLERX32	78	90.5	23	54	58	47	12	44	19	16	M10 60	24
ACLERX33	78	90.52	3	54	58	47	12	44	19	16	M10 70	24
ACLERX34	78	90.5	23	54	58	47	12	44	19	16	M12 20	24
ACLERX35	78	90.5	23	54	58	47	12	44	19	16	M12 25	24
ACLERX36	78	90.5	23	54	58	47	12	44	19	16	M12 30	24
ACLERX37	78	90.5	23	54	58	47	12	44	19	16	M12 35	24
ACLERX38	78	90.5	23	54	58	47	12	44	19	16	M12 40	24
ACLERX39	78	90.5	23	54	58	47	12	44	19	16	M12 45	24
ACLERX40	78	90.5	23	54	58	47	12	44	19	16	M12 50	24
ACLERX41	78	90.5	23	54	58	47	12	44	19	16	M12 60	24
ACLERX42	78	90.5	23	54	58	47	12	44	19	16	M12 70	24
ACLERX43	78	90.5	23	54	58	47	12	44	19	16	M12 80	24
ACLERX44	95	109	26.5	64.5	69	54.5	13	53	21.5	18	M12 30	26
ACLERX45	95	109	26.5	64.5	69	54.5	13	53	21.5	18	M12 50	26
ACLERX46	95	109	26.5	64.5	69	54.5	13	53	21.5	18	M12 70	26
ACLERX47	95	109	26.5	64.5	69	54.5	13	53	21.5	18	M16 30	26
ACLERX48	95	109	26.5	64.5	69	54.5	13	53	21.5	18	M16 50	26
ACLERX49	95	109	26.5	64.5	69	54.5	13	53	21.5	18	M16 70	26