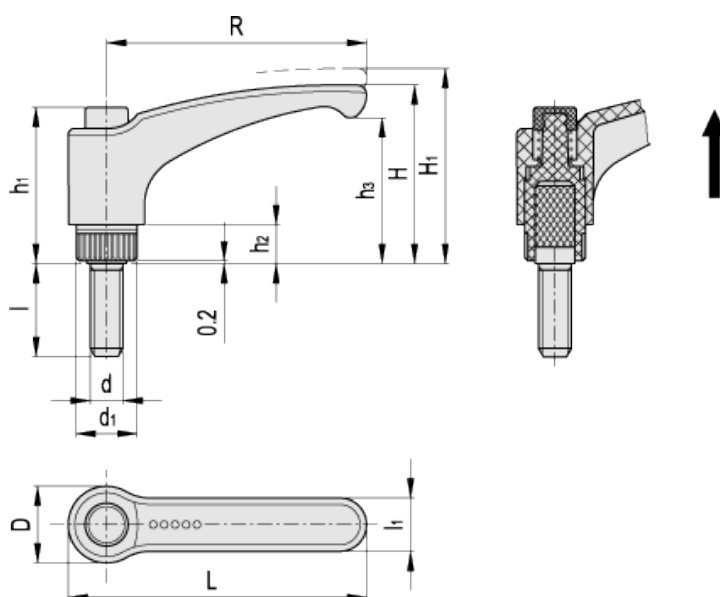


ERX.SST-p

Adjustable handles



ELESA Original design



* Complete with colour index, example: 235201-C2 ERX.30 SST-p-M6x16-C2

C1 RAL7021
 C2 RAL2004
 C3 RAL7035
 C4 RAL1021
 C5 RAL5024
 C6 RAL3000

Ergostyle		Main dimensions										Threaded stud		Teeth no.	Weight
Code	Description	R	L	D	H	H ₁	h ₁	h ₂	h ₃	d ₁	l ₁	d _{6g}	l	z	g
235061-*	ERX.30-SST-p M5x10-*	30	37.5	15.5	30	33.5	29.5	6	23	12	9	M5	10	18	6
235066-*	ERX.30-SST-p M5x16-*	30	37.5	15.5	30	33.5	29.5	6	23	12	9	M5	16	18	7
235196-*	ERX.30-SST-p M6x10-*	30	37.5	15.5	30	33.5	29.5	6	23	12	9	M6	10	18	8
235201-*	ERX.30 SST-p-M6x16-*	30	37.5	15.5	30	33.5	29.5	6	23	12	9	M6	16	18	9
235203-*	ERX.30 SST-p-M6x20-*	30	37.5	15.5	30	33.5	29.5	6	23	12	9	M6	20	18	10
235205-*	ERX.30 SST-p-M6x25-*	30	37.5	15.5	30	33.5	29.5	6	23	12	9	M6	25	18	11
235207-*	ERX.30 SST-p-M6x30-*	30	37.5	15.5	30	33.5	29.5	6	23	12	9	M6	30	18	12
235209-*	ERX.44 SST-p-M5x10-*	44	52	15.5	32.5	36	29.5	6	25	12	11	M5	10	18	10

Ergostyle		Main dimensions										Threaded stud		Teeth no.	Weight
Code	Description	R	L	D	H	H ₁	h ₁	h ₂	h ₃	d ₁	l ₁	d _{6g}	l	z	g
235211-*	ERX.44 SST-p-M5x16-*	44	52	15.5	32.5	36	29.5	6	25	12	11	M5	16	18	12
235216-*	ERX.44 SST-p-M6x10-*	44	52	15.5	32.5	36	29.5	6	25	12	11	M6	10	18	13
235221-*	ERX.44 SST-p-M6x16-*	44	52	15.5	32.5	36	29.5	6	25	12	11	M6	16	18	14
235226-*	ERX.44 SST-p-M6x20-*	44	52	15.5	32.5	36	29.5	6	25	12	11	M6	20	18	16
235231-*	ERX.44 SST-p-M6x25-*	44	52	15.5	32.5	36	29.5	6	25	12	11	M6	25	18	17
235236-*	ERX.44 SST-p-M6x30-*	44	52	15.5	32.5	36	29.5	6	25	12	11	M6	30	18	18
235341-*	ERX.63 SST-p-M6x10-*	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M6	10	20	30
235351-*	ERX.63 SST-p-M6x20-*	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M6	20	20	31
235421-*	ERX.63 SST-p-M6x30-*	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M6	30	20	32
235426-*	ERX.63 SST-p-M6x40-*	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M6	40	20	33
235431-*	ERX.63 SST-p-M8x16-*	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	16	20	31
235436-*	ERX.63 SST-p-M8x20-*	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	20	20	32
235441-*	ERX.63 SST-p-M8x25-*	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	25	20	33
235446-*	ERX.63 SST-p-M8x30-*	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	30	20	37
235451-*	ERX.63 SST-p-M8x35-*	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	35	20	38
235456-*	ERX.63 SST-p-M8x40-*	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	40	20	41
235461-*	ERX.63 SST-p-M8x45-*	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	45	20	42
235466-*	ERX.63 SST-p-M8x50-*	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	50	20	44
235471-*	ERX.63 SST-p-M8x60-*	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	60	20	47
235476-*	ERX.63 SST-p-M8x70-*	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	70	20	52
235601-*	ERX.78 SST-p-M8x20-*	78	90.5	24.5	54	58	47	12	44	19	16	M8	20	24	43
235603-*	ERX.78 SST-p-M8x25-*	78	90.5	24.5	54	58	47	12	44	19	16	M8	25	24	44
235605-*	ERX.78 SST-p-M8x30-*	78	90.5	24.5	54	58	47	12	44	19	16	M8	30	24	45
235607-*	ERX.78 SST-p-M8x40-*	78	90.5	24.5	54	58	47	12	44	19	16	M8	40	24	50
235609-*	ERX.78 SST-p-M8x45-*	78	90.5	24.5	54	58	47	12	44	19	16	M8	45	24	52
235611-*	ERX.78 SST-p-M8x50-*	78	90.5	24.5	54	58	47	12	44	19	16	M8	50	24	54
235617-*	ERX.78 SST-p-M8x70-*	78	90.5	24.5	54	58	47	12	44	19	16	M8	70	24	62
235716-*	ERX.78 SST-p-M10x20-*	78	90.5	24.5	54	58	47	12	44	19	16	M10	20	24	58
235726-*	ERX.78 SST-p-M10x30-*	78	90.5	24.5	54	58	47	12	44	19	16	M10	30	24	64
235731-*	ERX.78 SST-p-M10x35-*	78	90.5	24.5	54	58	47	12	44	19	16	M10	30	24	66
235736-*	ERX.78 SST-p-M10x40-*	78	90.5	24.5	54	58	47	12	44	19	16	M10	40	24	67
235741-*	ERX.78 SST-p-M10x50-*	78	90.5	24.5	54	58	47	12	44	19	16	M10	30	24	68
235746-*	ERX.78 SST-p-M10x60-*	78	90.5	24.5	54	58	47	12	44	19	16	M10	30	24	70
235771-*	ERX.78 SST-p-M12x30-*	78	90.5	24.5	54	58	47	12	44	19	16	M12	30	24	74
235773-*	ERX.78 SST-p-M12x35-*	78	90.5	24.5	54	58	47	12	44	19	16	M10	30	24	76
235781-*	ERX.78 SST-p-M12x40-*	78	90.5	24.5	54	58	47	12	44	19	16	M12	40	24	77
235786-*	ERX.78 SST-p-M12x50-*	78	90.5	24.5	54	58	47	12	44	19	16	M12	50	24	79
235893-*	ERX.78 SST-p-M12x70-*	78	90.5	24.5	54	58	47	12	44	19	16	M10	30	24	82
235901-*	ERX.95 SST-p-M12x30-*	95	109	26.5	64.5	69	54.5	13	53	21.5	18	M12	30	26	87
235911-*	ERX.95 SST-p-M12x40-*	95	109	26.5	64.5	69	54.5	13	53	21.5	18	M12	40	26	90
235921-*	ERX.95 SST-p-M12x50-*	95	109	26.5	64.5	69	54.5	13	53	21.5	18	M12	50	26	93
235941-*	ERX.95 SST-p-M12x70-*	95	109	26.5	64.5	69	54.5	13	53	21.5	18	M12	70	26	98
236001-*	ERX.108 SST-p-M12x30-*	108	123	30	65.5	70	54.5	11	52.5	25	20	M12	30	28	70
236003-*	ERX.108 SST-p-M12x40-*	108	123	30	65.5	70	54.5	11	52.5	25	20	M12	40	28	73
236006-*	ERX.108 SST-p-M12x50-*	108	123	30	65.5	70	54.5	11	52.5	25	20	M12	50	28	75
236011-*	ERX.108 SST-p-M12x70-*	108	123	30	65.5	70	54.5	11	52.5	25	20	M12	70	28	80

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.

Standard execution

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

AISI 303 stainless steel threaded stud, chamfered flat end UNI 947 : ISO 4753 (see [Technical Data](#)).

Other executions on request

Lever body in orange (C2) with black push button (C1).

Example: code 235201-C2-C1 description ERX.30-SST-C2-p-M6x16-C1.



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;
- no visible steel parts subject to rust;
- more comfortable lever release.

Stress resistance

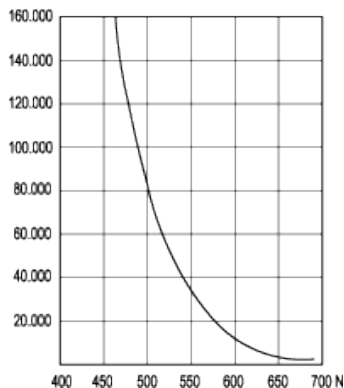
Adjustable handles are generally used for repetitive clamping operations sometimes with very high-frequency.

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. ERX.78 SST-p adjustable handle can withstand without yielding more than 100,000 tightening cycles, under the action of a force of 490 N (see graphic).

The special glass-fibre reinforced technopolymer enables the ELESA adjustable handles to guarantee stress resistance values which are much higher than the ones generated under normal working conditions.

NUMBER OF TIGHTENINGS



Instructions of use

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

