

ERS.p

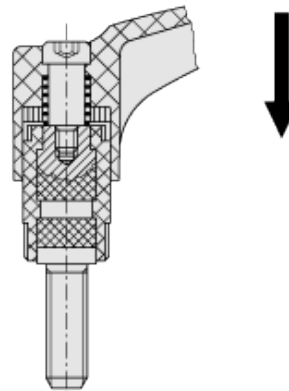
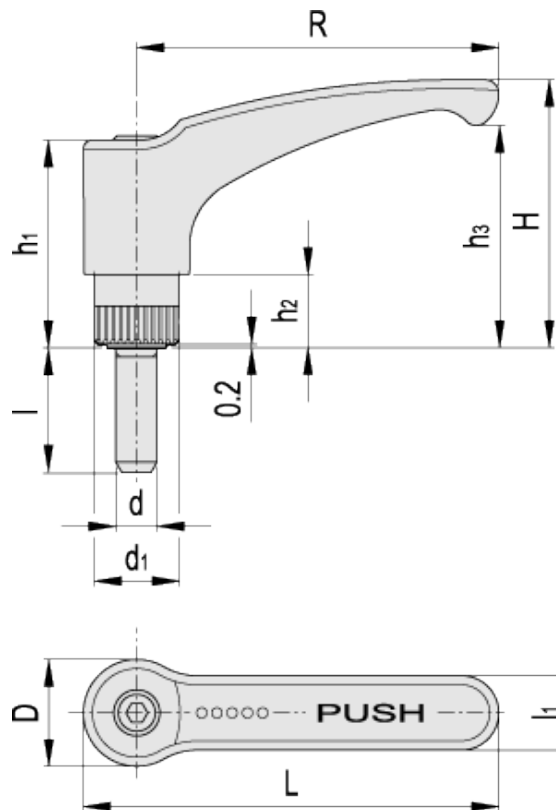
Safety adjustable handles
with push action



ELESA Original design



ERGOSTYLE®



technical informations

Lever body

Glass-fibre reinforced polyamide based (PA) technopolymer, with "PUSH" tampoprinted in red colour (avoid contact with solvents, alcohol or detergents containing alcohol).

Colour

Grey-black, matte finish.

Standard executions

Glass-fibre reinforced technopolymer clamping element, black colour, with knurling on the protruding part to make initial tightening easier. Black-oxide steel retaining screw, AISI 302 stainless steel return spring.
Black-oxide steel threaded stud, chamfered flat end UNI 947 : ISO 4753 (see [Technical Data](#)).

Features and applications

Particularly suitable when the lever turning angle is limited owing to lack of space and to avoid any accidental shocks which may affect the clamping action.

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. ERS.p adjustable handle can withstand without yielding. 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.

Instructions of use

For clamping push the lever to engage the clamping device tothing and turn it. By releasing the lever, the return spring automatically disengages the tothing and lever return to its rest position.
In case of accidental shocks, the lever turns freely without affecting the clamping action enabling the operator to manoeuvre in safety.

Standard Elements		Main dimensions										Threaded stud		Theeth no.	Weight
Code	Description	R	L	D	H	h ₁	h ₂	h ₃	d ₁	l ₁	d _{6g}	l	z	g	
236972	ERS.44 p-M6x16	44	52	15.5	36	29	9	28	12	11	M6	16	18	18	
236974	ERS.44 p-M6x25	44	52	15.5	36	29	9	28	12	11	M6	25	18	21	
237003	ERS.63 p-M8x20	63	73.5	19	48	37	12	37	15	13.5	M8	20	20	38	
237005	ERS.63 p-M8x30	63	73.5	19	48	37	12	37	15	13.5	M8	30	20	43	



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STANDARD MACHINE ELEMENTS WORLDWIDE