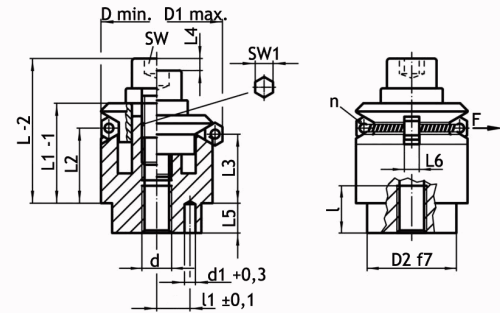




Description

Material:

- body:** tool steel, hardened, blackened;
- spring:** stainless steel;
- clamping segment:** stainless steel 440B (1.4112), hardened, ground.

Characteristics:

- for clamping and centering of work pieces with internal bore;
- exact self centering with a precision of $\pm 0,025$ mm;
- due to the clamping segments being ground, work pieces with raw and/or machined surfaces can be frictionally connected, centered and held down at the seats;
- large adjustment stroke and a low building height are a feature of the centering clamping element;
- activate from either top or bottom.
- HE21.0006.1450 without SW1, can be adjusted from above, with adjusting screw and threaded rod;
- d2 in the table represents the bore (H7 tolerance), see the application example;
- x in the table represents the number of segments;
- L4 in the table represents the stroke (mm);
- F1 (kN) in the table represents the maximum clamping force.

Assembly

- assembly instruction for mounting from the top: take-off clamping plate and screw fasten body by means of threaded pin via SW 1.

Article Code	D	D1	D2	d	d1	d2	L	L1	L2	L3	L4	L5	L6	l	l1	x	F1(kN)	SW	SW1	Material
HE21.0006.1450	14,5	18,5	12	M4	2,0	12	19,7	14,5	9,1	7,9	2,3	5,5	3	6	4,5	3	3,5	3		Steel
HE21.0006.1850	18,5	22,5	15	M5	2,5	15	23,6	16,6	11,6	10,4	2,3	7,5	3	7	5,5	3	4,5	4		5Steel
HE21.0006.2250	22,5	26,5	20	M6	3,0	20	29,1	20,1	15,1	13,9	2,3	6,0	3	8	7,0	3	5,0	5		6Steel
HE21.0006.2650	26,5	30,5	20	M6	3,0	20	29,1	20,1	15,1	13,9	2,3	6,0	3	8	7,0	3	5,0	5		6Steel
HE21.0006.3050	30,5	38,5	25	M6	4,0	25	33,4	23,0	15,2	12,8	4,6	7,0	6	8	9,0	3	5,0	5		6Steel
HE21.0006.3850	38,5	46,5	30	M8	4,0	30	39,0	27,1	18,1	15,7	4,6	7,5	6	10	11,0	6	6,5	6		8Steel
HE21.0006.4650	46,5	54,5	30	M8	4,0	30	39,0	27,1	18,1	15,7	4,6	7,5	6	10	11,0	6	6,5	6		8Steel
HE21.0006.5450	54,5	70,0	45	M10	5,0	45	54,2	40,7	23,7	19,0	9,3	9,0	12	12	15,0	6	8,0	8		10Steel
HE21.0006.7050	70,5	86,5	60	M12	5,0	60	63,0	46,0	28,3	23,6	9,3	10,0	12	12	17,0	6	10,0	10		12Steel
HE21.0006.8650	86,5	102,5	60	M16	5,0	60	73,0	51,0	28,3	23,6	9,3	10,0	12	15	25,0	6	10,0	14		17Steel

