

Threaded Cylinder bottom sealing, piston rod with internal thread

single acting, spring return,
max. operating pressure 500 bar,
min. operating pressure 25 bar.



	O .Code	Push force at 100 bar	Push force at 500 bar	Stroke H	Vol.	Piston dia.	Piston area	Md max.	Spring force min.	
		[kN]	[kN]	[mm]	[cm³]	[mm]	[cm²]	[Nm]	[N]	
	6930-05	1,1	5,5	10	1,1	12	1,1	40	45	
	6930-08	2,0	10,0	12	2,4	16	2,0	50	70	
	6930-12	3,0	15,5	15	4,7	20	3,1	60	105	
	6930-20	4,9	24,5	16	7,8	25	4,9	80	145	
	6930-32	8,0	40,0	20	16,0	32	8,0	225	270	

Design:

Cylinder barrel from steel, burnished. Piston and piston rod case hardened and ground. Wiper at piston rod, with plastic seal for bottom sealing of the cylinder. Oil supply via oil channel in fixture body.

Application:

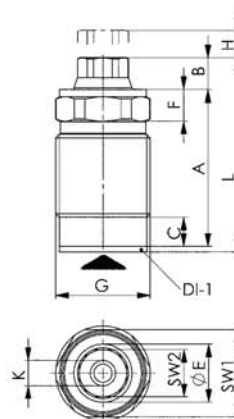
These threaded cylinders can be used in all types of clamping fixtures. Ideal for pressure bars for tolerance compensation in multiple-workpiece clamping fixtures, and for positioning, holding or ejecting, and clamping workpieces.

Features:

Small dimensions, can be installed closely spaced side-by-side. The cylinders can be screwed into the fixture body up to the hexagon.

Note:

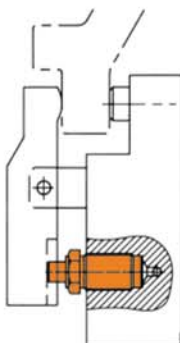
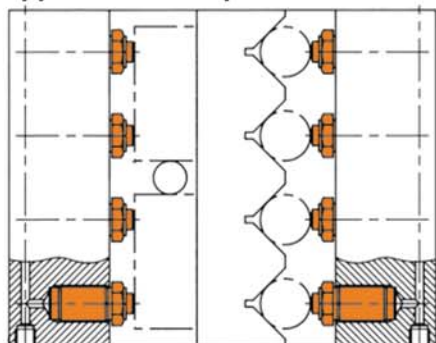
Pistons of these cylinders must not be loaded in retracted position. Care for protection against aggressive lubricants and coolants. The sealing surface of the mounting hole to the thread must be at a right angle and even.



Dimensions:

	O. Code	A	B	C	dia. E	F	G	K x depth	L	P min.	P max.	SW1	SW2	T max.	U min.	dia. W max.	
	6930-05	35,0	9,0	7	12	6	M22x1,5	M6x6	45,5	16	29	19	10	8	25	12	
	6930-08	43,0	8,5	8	16	9	M26x1,5	M6x6	53,0	20	34	24	13	9	30	16	
	6930-12	53,0	11,5	8	20	10	M30x1,5	M8x8	66,0	24	43	30	17	9	38	20	
	6930-20	55,5	11,5	11	25	12	M38x1,5	M8x8	69,0	28	44	36	19	11	45	25	
	6930-32	82.5	13.5	12	32	15	M48x1.5	M12x12	98.5	42	68	46	24	13	57	30	

Application examples:



Installation dimensions:

