

No. 6932

Threaded Cylinder with spherical piston rod

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



Order no.	Article no.	Push force at 100 bar [kN]	Push force at 500 bar [kN]	Stroke H [mm]	Vol. [cm ³]	Piston area [cm ²]	Md max. [Nm]	Spring force min. [N]	Weight [g]
60178	6932-02	0,5	2,5	4	0,20	0,5	80	25	50
60186	6932-05	1,1	5,5	4	0,45	1,1	90	35	80
60194	6932-08	2,0	10,0	6	1,20	2,0	110	65	130
60202	6932-12	3,0	15,0	8	2,50	3,1	120	100	300
60210	6932-20	5,0	24,5	12	5,90	4,9	130	155	470

Design:

Cylinder barrel from steel, burnished with hex nut. Piston and piston rod case hardened and ground. Wiper at piston rod. Built-in return spring. Sintered bronze breather. Attachment with standard fine thread. Sealing by sealing edge, see „Notes“. Oil supply via oil channel in fixture body.

Application:

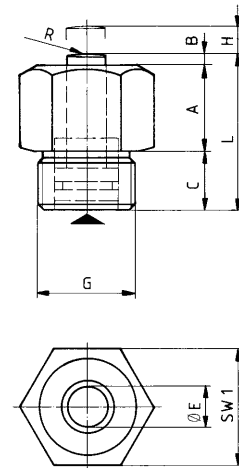
Ideal for clamping bars for tolerance compensation in multiple fixtures and for positioning, clamping or discharging workpieces.

Features:

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

Note:

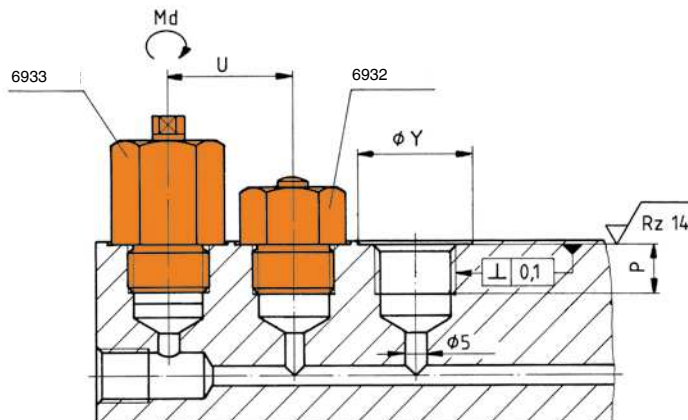
The screw-in cylinders cannot be loaded in the retracted position. For single acting cylinder types, there is a risk of sucking in liquid. The cylinders must be protected against direct penetration of cutting and cooling liquids. The built-in sintered bronze filter should be protected by appropriate arrangement or by a cover. Sealing by sealing edge. For the locating hole, the sealing surface must be at right angles to the thread, flat and not hardened.



Dimensions:

Order no.	Article no.	Piston dia. [mm]	A	B	C	dia. E	G	L	P+1	R	SW1	U min.	dia. Y
60178	6932-02	8	14	1	12	5	M16x1,5	27	12	10	19	24	23
60186	6932-05	12	14	1	12	8	M20x1,5	27	12	28	24	30	29
60194	6932-08	16	21	2	14	10	M24x1,5	37	14	30	27	34	33
60202	6932-12	20	27	2	18	12	M30x1,5	47	18	36	36	44	43
60210	6932-20	25	33	2	21	16	M36x1,5	56	21	50	41	50	49

Installation dimensions:



Subject to technical alterations.