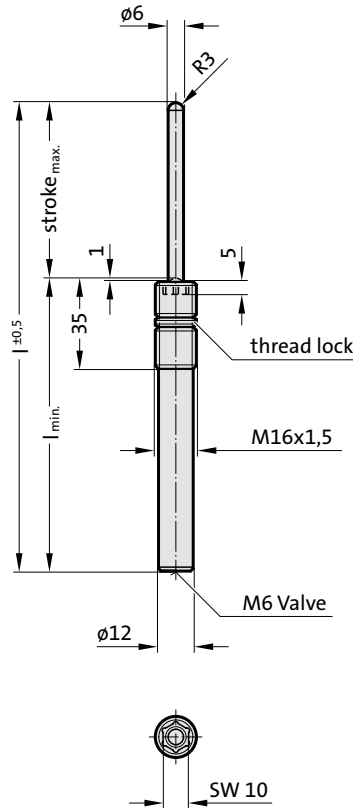


GAS SPRING (SPRING PLUNGER), WITH HEXAGON SOCKET, VDI 3004



2479.030.



Description:

Spring plungers are used as ejectors, damper pins, fixing and retaining pins in many sectors of the tool-, jig- and fixture-making industries. Assembly requires the use of special FIBRO insertion tool (2470.12.010.017).

Note:

Worn gas springs cannot be repaired, they have to be replaced completely.

Pressure medium: Nitrogen - N₂

Max. filling pressure: 150 bar

Min. filling pressure: 6 bar

Working temperature: 0°C to +80°C

Temperature related force increase: $\pm 0.3\%/^{\circ}\text{C}$

Max. recommended extensions per minute:

approx. 100 (at 20°C)

Max. piston speed: 1.6 m/s

Upon customers request, also available

unfilled, Order No 2479.030.00000...., Colour:
black

2) Hexagon nut order supplementary:

2479.004.016.15 (M16 x 1,5)

2479.030. Gas spring (Spring plunger), with hexagon socket, VDI 3004

Spring type:

Spring type:				.00005.		.00010.		.00020.		.00040.	
Order No*	Stroke _{max.}	l	l _{min.}	F _{initial} [daN]	F _{final} [daN]	F _{initial} [daN]	F _{final} [daN]	F _{initial} [daN]	F _{final} [daN]	F _{initial} [daN]	F _{final} [daN]
2479.030.□□□□□.010	10	65	55	6	10.3	11	19	21	36.1	42	73
2479.030.□□□□□.020	20	85	65	6	9.4	11	17.2	21	32.8	42	66.1
2479.030.□□□□□.030	30	105	75	6	9.1	11	16.7	21	31.9	42	64.5
2479.030.□□□□□.040	40	125	85	6	9	11	16.5	21	31.5	42	63.7
2479.030.□□□□□.050	50	145	95	6	9.6	11	17.6	21	33.6	42	67.7
2479.030.□□□□□.060	60	165	105	6	9.4	11	17.3	21	33	42	66.5
2479.030.□□□□□.070	70	185	115	6	9.3	11	17	21	32.5	42	65.7
2479.030.□□□□□.080	80	205	125	6	9.2	11	16.8	21	32.1	42	65.1
2479.030.□□□□□.100	100	245	145	6	9.1	11	16	21	31.9	42	64.3
2479.030.□□□□□.125	125	295	170	6	9	11	16.5	21	31.5	42	63.8

Spring force marking:

.00005. - 20 - green

.00020. - 75 - red

