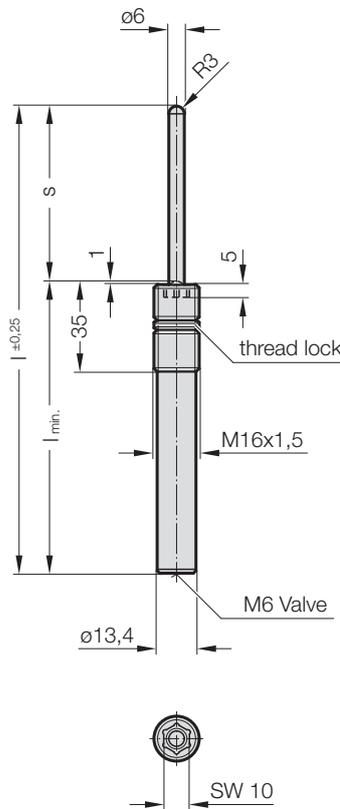


Gas spring (Spring plunger), with hexagon socket, VDI 3004



2479.040.



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: 10 bar
 Working temperature: 0°C to +80°C
 Temperature related force increase: ± 0.3%/°C
 Max. recommended extensions per minute: approx. 50 - 100 (at 20°C)
 Max. piston rod speed: 1.8 m/s

Upon customers request, also available unfilled, Order No 2479.040.00000....., Colour: black

²⁾ Hexagon nut order supplementary: 2479.004.016.15 (M16 x 1,5)

PED
2014/68/EU



2479.040. Gas spring (Spring plunger), with hexagon socket, VDI 3004

Spring type:

Order No*	s (Stroke max.)	l	l _{min.}	.00005.		.00010.		.00020.		.00040.		Weight [kg]
				F _{initial} [daN]	F _{final} [daN]							
2479.040.□□□□□.010	10	65	55	6	9.4	11	17.3	21	33	42	65.9	0.05
2479.040.□□□□□.020	20	85	65	6	9.4	11	17.3	21	33	42	65.9	0.06
2479.040.□□□□□.030	30	105	75	6	9.4	11	17.3	21	33	42	65.9	0.07
2479.040.□□□□□.040	40	125	85	6	9.4	11	17.3	21	33	42	65.9	0.07
2479.040.□□□□□.050	50	145	95	6	9.4	11	17.3	21	33	42	65.9	0.08
2479.040.□□□□□.060	60	165	105	6	9.4	11	17.3	21	33	42	65.9	0.08
2479.040.□□□□□.070	70	185	115	6	9.4	11	17.3	21	33	42	65.9	0.09
2479.040.□□□□□.080	80	205	125	6	9.4	11	17.3	21	33	42	65.9	0.1
2479.040.□□□□□.100	100	245	145	6	9.4	11	17.3	21	33	42	65.9	0.11
2479.040.□□□□□.125	125	295	170	6	9.4	11	17.3	21	33	42	65.9	0.12

complete with spring type

Spring force marking:

Spring type - Pressure [bar] - Colour:

.00005. - 20 - green

.00010. - 40 - blue

.00020. - 75 - red

.00040. - 150 - yellow

