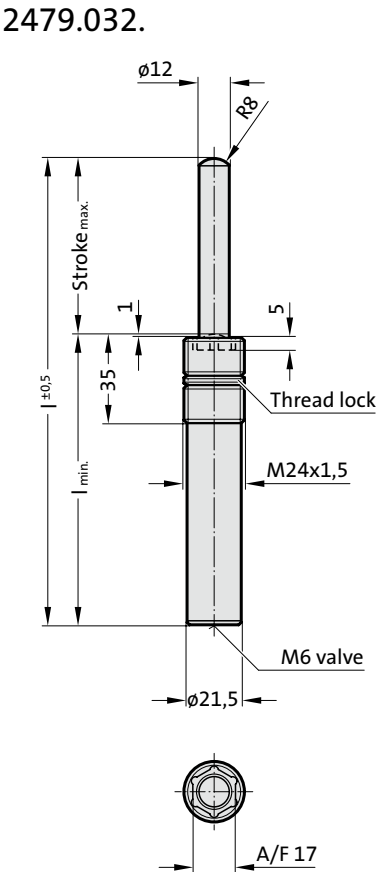


GAS SPRING (SPRING PLUNGER), WITH HEXA- GON SOCKET, VDI 3004



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: 20 bar
Working temperature: 0°C to +80°C
Temperature related force increase: ± 0.3%/°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 2479.032.000000...., Colour: black

2) Hexagon nut order supplementary: 2479.004.024.15

2479.032. Gas spring (Spring plunger), with hexagon socket, VDI 3004

Spring type:		.00020.		.00040.		.00080.		.00170.	
Order No*	Stroke _{max.}	I	I _{min.}	F _{initial} [daN]	F _{final} [daN]	F _{initial} [daN]	F _{final} [daN]	F _{initial} [daN]	F _{final} [daN]
2479.032.000000.010	10	65	55	23	33.1	45	64.8	85	122.4
2479.032.000000.020	20	85	65	23	36.3	45	71.1	85	134.3
2479.032.000000.030	30	105	75	23	38.2	45	74.7	85	141.1
2479.032.000000.040	40	125	85	23	39.3	45	76.9	85	145.4
2479.032.000000.050	50	145	95	23	42.5	45	83.2	85	157.3
2479.032.000000.060	60	165	105	23	42.5	45	83.2	85	157.3
2479.032.000000.070	70	185	115	23	42.8	45	83.7	85	158.1
2479.032.000000.080	80	205	125	23	42.8	45	83.7	85	158.1
2479.032.000000.100	100	245	145	23	43	45	84.1	85	159
2479.032.000000.125	125	295	170	23	43	45	84.1	85	159

*complete with spring type
Spring force marking:
Spring type - Pressure [bar] - Colour:
.00020. - 20 - green
.00040. - 40 - blue
.00080. - 75 - red
.00170. - 150 - yellow

