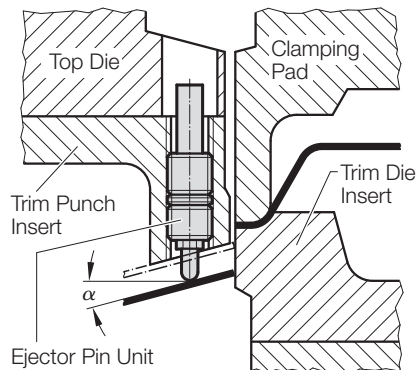
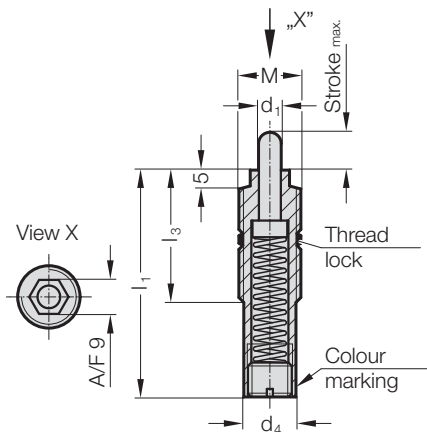


SPRING PLUNGER, LOW MAINTENANCE, STANDARD SPRING FORCE, VDI 3004, COLOUR MARKING: YELLOW

2470.20. .1

Mounting example



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 (2470.10.11).

Execution:

Spring clamps made from high performance plastic
Lateral load depending on stroke length up to max. 10° permissible (see table).

Note:

Working temperature: 0 °C to +80 °C
Max. recommended extensions per minute: approx. 120 (at 20 °C)
Max. piston speed: 1.6 m/s

2470.20. .1 Spring plunger, low maintenance, standard spring force, VDI 3004, Colour marking: yellow

Order No	d ₁	d ₄	M	l ₁	l ₃	Stroke max.	Spring rate [N/mm]	Spring force [N]		α
								initial	final	
2470.20.010.060.1	6	13.4	M16x2	60	35	10	0.95	3.8	13.3	10
2470.20.010.016.060.1	6	13.4	M16x1.5	60	35	10	0.95	3.8	13.3	10
2470.20.015.060.1	6	13.4	M16x2	60	35	15	2	10	40	10
2470.20.015.016.060.1	6	13.4	M16x1.5	60	35	15	2	10	40	10
2470.20.020.080.1	6	13.4	M16x2	80	35	20	1.38	6.9	34.5	10
2470.20.020.016.080.1	6	13.4	M16x1.5	80	35	20	1.38	6.9	34.5	10
2470.20.030.080.1	6	13.4	M16x2	80	35	30	1.3	6.5	45.5	5
2470.20.030.016.080.1	6	13.4	M16x1.5	80	35	30	1.3	6.5	45.5	5
2470.20.030.120.1	6	13.4	M16x2	120	35	30	0.73	18	40	5
2470.20.030.016.120.1	6	13.4	M16x1.5	120	35	30	0.73	18	40	5
2470.20.040.150.1	6	13.4	M16x2	150	35	40	0.6	13.2	37.2	5
2470.20.040.016.150.1	6	13.4	M16x1.5	150	35	40	0.6	13.2	37.2	5
2470.20.050.150.1	6	13.4	M16x2	150	35	50	0.6	13.2	43.2	5
2470.20.050.016.150.1	6	13.4	M16x1.5	150	35	50	0.6	13.2	43.2	5