

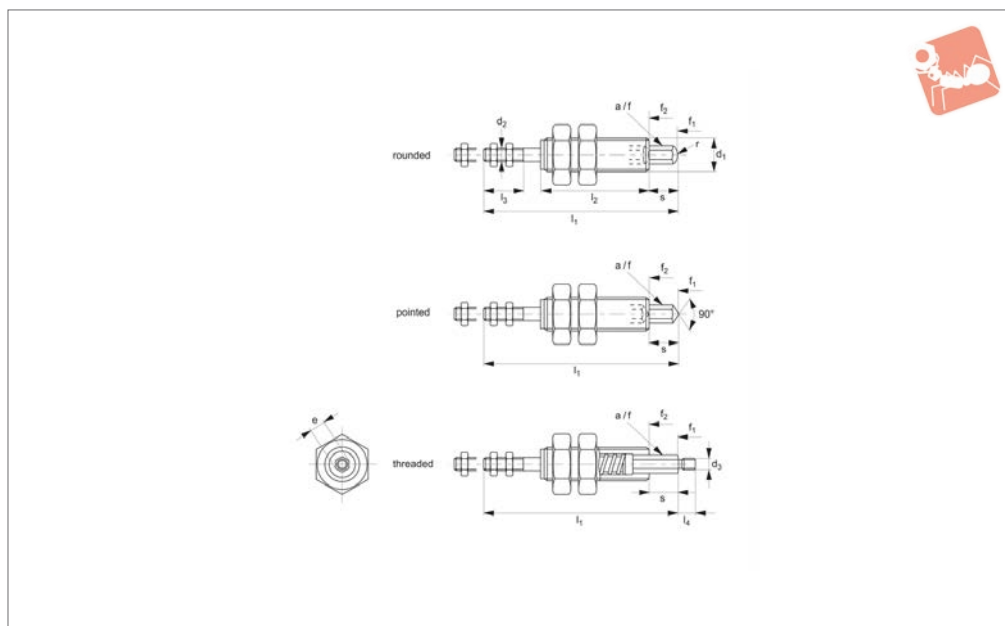


Sensing Elements

with actuating bolt, protected against rotating



Sensing Elements



38720

SENSING ELEMENTS

Material

Bolt: steel, nitrided, black.
 Nut: steel, quality 8.8, blackened (ISO 4035).
 Actuating bolt: nitrided, black.
 Spring: stainless steel.

means of an actuating bolt (protected against turning). Threaded tip allows for fitting of special purpose adapters. A switching element can be fitted to the fastening thread of the actuating bolt, most commonly used switches are suitable. Spring loads * = statistical average values.

Tips

Suitable for multiple applications, e.g. as lift-off pin in tools with position control.

Technical Notes

Spring plunger with position sensing by

Order No.	Type	d ₁	d ₂	d ₃	e ≈	l ₁	l ₂	l ₃ min.	l ₄	R	s	A/F	Spring load F ₁ N ≈	Spring load F ₂ N ≈	Weight g
38720.W0008	Rounded Tip	M 8	M2,5	-	3.5	50	32	9	-	1.75	6	3	4.1	7.6	15
38720.W0010	Rounded Tip	M10	M 3	-	4.6	59	35	11	-	2.30	8	4	5.0	9.0	28
38720.W0012	Rounded Tip	M12	M 4	-	5.8	68	38	14	-	2.90	10	5	5.1	11.0	44
38720.W0016	Rounded Tip	M16	M 5	-	6.9	78	42	16	-	3.50	12	6	7.5	13.8	87
38720.W0058	Pointed Tip	M 8	M2,5	-	3.5	50	32	9	-	-	6	3	4.1	7.6	14
38720.W0060	Pointed Tip	M10	M 3	-	4.6	59	35	11	-	-	8	4	5.0	9.0	29
38720.W0062	Pointed Tip	M12	M 4	-	5.8	68	38	14	-	-	10	5	5.1	11.0	44
38720.W0066	Pointed Tip	M16	M 5	-	6.9	78	42	16	-	-	12	6	7.5	13.8	88
38720.W0108	Threaded Tip	M 8	M2,5	M2,5	3.5	50	32	9	4	-	6	3	4.1	7.6	15
38720.W0110	Threaded Tip	M10	M 3	M 3	4.6	59	35	11	5	-	8	4	5.0	9.0	29
38720.W0112	Threaded Tip	M12	M 4	M 4	5.8	68	38	14	6	-	10	5	5.1	11.0	44
38720.W0116	Threaded Tip	M16	M 5	M 5	6.9	78	42	16	7	-	12	6	7.5	13.8	89

