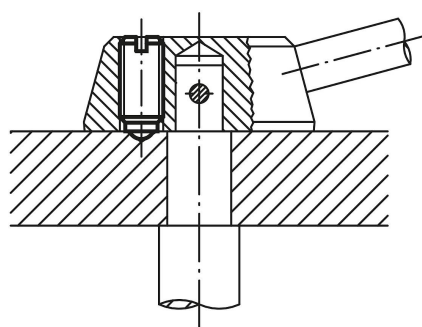


Item description/product images



handle indexing



Description

Material:

Sleeve steel grade 5.8.

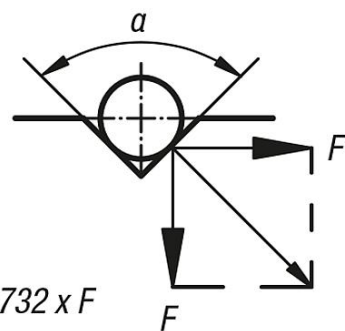
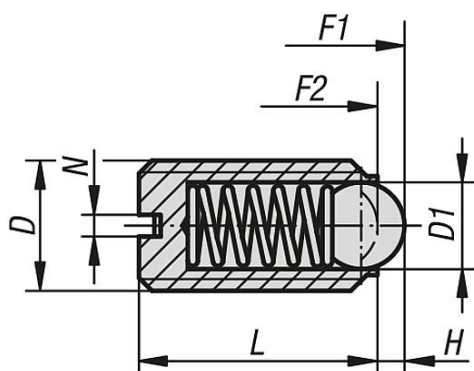
Ball steel.

Spring grade D steel wire.

Version:

Black oxidised. Ball hardened.

Drawings



$$\alpha = 60^\circ, F' = 1,732 \times F$$

$$\alpha = 90^\circ, F' = F$$

$$\alpha = 120^\circ, F' = 0,577 \times F$$

Overview of items

Spring plungers with slot and ball, steel, standard spring force

Order No.	Spring strength	Version 1	D	D1	H	L	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
03000-03	0.048	-	M3	1,5	0,4	7	0,4	1,5	3
03000-04	0.048	-	M4	2,5	0,8	9	0,6	4	10
03000-05	0.048	-	M5	3	0,9	12	0,8	6	11
03000-06	0.048	-	M6	3,5	1	14	1	9	13
03000-08	0.048	-	M8	5	1,5	16	1,2	15	30
03000-10	0.048	-	M10	6	2	19	1,6	20	40

Overview of items

Order No.	Spring strength	Version 1	D	D1	H	L	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
03000-12	0.048	-	M12	8	2,5	22	2	30	55
03000-16	0.048	-	M16	10	3,5	24	2,5	65	125
03000-20	0.048	-	M20	12	4,5	30	2,5	80	160
03000-203	hollow shank taper	-	M3	1,5	0,4	7	0,4	5	7
03000-204	hollow shank taper	-	M4	2,5	0,8	9	0,6	12	22
03000-205	hollow shank taper	-	M5	3	0,9	12	0,8	19	30
03000-206	hollow shank taper	-	M6	3,5	1	14	1	28	40
03000-208	hollow shank taper	-	M8	5	1,5	16	1,2	47	73
03000-210	hollow shank taper	-	M10	6	2	19	1,6	66	100
03000-212	hollow shank taper	-	M12	8	2,5	22	2	66	120
03000-216	hollow shank taper	-	M16	10	3,5	24	2,5	90	180
03000-220	hollow shank taper	-	M20	12	4,5	30	2,5	115	240
03000-404	0.048	500 m / on the roll	M4	2,5	0,8	16	0,6	4	10
03000-405	0.048	500 m / on the roll	M5	3	0,9	20	0,8	6	11
03000-406	0.048	500 m / on the roll	M6	3,5	1	25	1	9	13
03000-408	0.048	500 m / on the roll	M8	5	1,5	30	1,2	15	30
03000-410	0.048	500 m / on the roll	M10	6	2	35	1,6	20	40
03000-412	0.048	500 m / on the roll	M12	8	2,5	40	2	30	55
03000-416	0.048	500 m / on the roll	M16	10	3,5	45	2,5	65	125