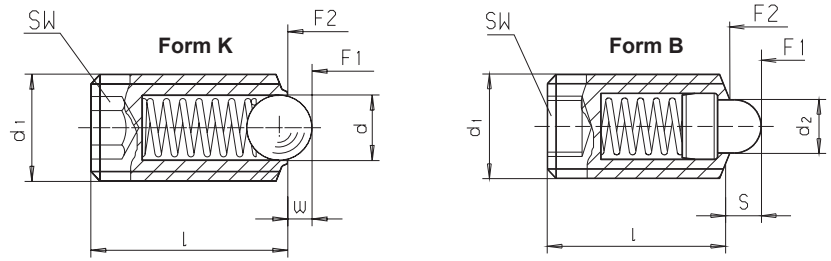


Druckstücke, federnd mit Kugel oder Bolzen und Innensechskant

Spring plungers / spring thrust pads with ball
and internal hexagon or round-ended bolt



Catalog No. Form d₁
SM 1275-11 K M16



Form K: Hülse aus Stahl, Kugel aus gehärtetem Kugellagerstahl, normale Federkraft
housing and ball from steel, normal spring load

Form KS: Hülse aus Stahl, Kugel aus gehärtetem Kugellagerstahl, verstärkte Federkraft
housing and ball from steel, increased spring load

Form KN: Hülse Nirosta 1.4305, Kugel aus Nirosta gehärtet, normale Federkraft
housing from stainless steel with ball from stainless steel, hardened, normal spring load

Form KNS: Hülse Nirosta 1.4305, Kugel aus Nirosta gehärtet, mit verstärkter Federkraft
housing from stainless steel with ball from stainless steel, hardened, increased spring load

Form B: Hülse aus Stahl, Bolzen aus Automatenstahl, normale Federkraft
housing and bolt from steel, normal spring load

Form BS: Hülse aus Stahl, Bolzen aus Automatenstahl, verstärkte Federkraft
housing and bolt from steel, increased spring load

Form BN: Hülse Nirosta 1.4305, Bolzen aus Nirosta gehärtet, normale Federkraft
housing and bolt from stainless steel, hardened, normal spring load

Form BNS: Hülse Nirosta 1.4305, Kugel aus Nirosta gehärtet, mit verstärkter Federkraft
housing and bolt from stainless steel, hardened, increased spring load

Kennzeichnung: Ausführung Automatenstahl verstärkte Federkraft = Kugel gelb
Ausführung Nirosta verstärkte Federkraft = Hülseende gelb

Verwendung z. B. zur Arretierung sowie als An- und Abdruckstifte, Druckstücke aus Nirosta sind bis zu 250 °C hitzebeständig.

Indication : free cutting steel finish with increased spring load = ball is yellow
stainless steel finish with incr. spring load = body tip is yellow

These spring plungers are used for locating or for applying pressure or lifting off. Temperature range of stainless steel is up to 250° C.



M03 - M08



M10 - M16



M20 - M24



mm



Stahl oder Nirosta
steel or stainless steel



RoHS Konform Compliant



d ₁ ∅	l	Form							
		K	KS	KN	KNS	B	BS	BN	BNS
M03	08	1,28	-	3,20	-	-	-	-	-
M04	12	1,13	-	2,96	-	1,41	-	3,16	-
M05	14	1,13	1,21	2,96	3,16	1,41	-	3,16	-
M06	15	1,13	1,21	2,96	3,16	1,27	1,34	3,16	3,31
M08	18	1,44	1,59	3,20	3,48	1,59	1,71	3,65	3,80
M10	23	1,62	1,68	3,75	3,98	1,75	1,94	4,14	4,31
M12	26	2,17	2,33	4,97	5,32	2,35	2,55	5,45	5,76
M16	33	2,96	3,12	7,83	8,22	3,22	3,43	8,48	8,84
M20	43	4,10	4,57	9,73	10,52	4,84	5,10	10,91	11,19
M24	48	6,94	7,29	16,07	16,84	7,55	7,95	17,51	17,86

d ₁ ∅	d Kugel Ball	w	SW	Form K		Form KS		Form KN		Form KNS		kg kg
				Anfang Start F ₁	Ende End F ₂	Anfang Start F ₁	Ende End F ₂	Anfang Start F ₁	Ende End F ₂	Anfang Start F ₁	Ende End F ₂	
M03	1,5	0,4	1,5	3,0	4,5	-	-	3,0	4,5	-	-	0,001
M04	2,5	0,8	2,0	8,5	14,0	-	-	8,5	14,0	-	-	0,001
M05	3,0	0,9	2,5	8,0	14,0	15,0	22,0	8,0	14,0	15,0	22,0	0,001
M06	3,5	1,0	3,0	11,0	18,0	19,0	28,0	11,0	18,0	19,0	28,0	0,002
M08	4,5	1,5	4,0	18,0	31,0	36,0	62,0	18,0	31,0	36,0	62,0	0,004
M10	6,0	2,0	5,0	24,0	45,0	57,0	104,0	24,0	45,0	57,0	104,0	0,008
M12	8,0	2,5	6,0	26,0	49,0	61,0	110,0	26,0	49,0	61,0	110,0	0,012
M16	10,0	3,5	8,0	41,0	86,0	68,0	142,0	41,0	86,0	68,0	142,0	0,031
M20	12,0	4,5	10,0	66,0	111,0	84,0	166,0	66,0	111,0	84,0	166,0	0,064
M24	15,0	5,5	12,0	81,0	151,0	127,0	237,0	81,0	151,0	127,0	237,0	0,100

d ₁ ∅	d Bolzen bolt	w	SW	Form B		Form BS		Form BN		Form BNS		kg
				Anfang Start F ₁	Ende End F ₂	Anfang Start F ₁	Ende End F ₂	Anfang Start F ₁	Ende End F ₂	Anfang Start F ₁	Ende End F ₂	
M04	1,8	1,5	2,0	4,5	12,5	-	-	4,5	12,5	-	-	0,001
M05	2,4	2,0	2,5	5,0	13,0	-	-	5,0	13,0	-	-	0,001
M06	2,7	2,0	3,0	6,0	17,0	11,0	25,0	6,0	17,0	11,0	25,0	0,002
M08	3,8	2,0	4,0	16,0	33,0	23,0	59,0	16,0	33,0	23,0	59,0	0,004
M10	4,5	2,5	5,0	19,0	42,0	20,0	54,0	19,0	42,0	20,0	54,0	0,008
M12	6,2	3,5	6,0	22,0	57,0	38,0	96,0	22,0	57,0	38,0	96,0	0,012
M16	8,5	4,5	8,0	38,0	78,0	50,0	100,0	38,0	78,0	50,0	100,0	0,031
M20	10,0	6,5	10,0	39,0	81,0	52,0	133,0	39,0	81,0	52,0	133,0	0,064
M24	13,0	8,0	12,0	72,0	155,0	91,0	233,0	72,0	155,0	91,0	233,0	0,100