



Form	Hülse / body	Kugel / ball	Bolzen / bolt	Federkraft / spring load	Kennzeichnung* ^l indication	Bild / picture
K	Stahl steel	Stahl steel	-	standard standard spring load	keine no marking	
KS	Stahl steel	Stahl steel	-	verstärkt heavy spring load	2 Längsmarkierungen 2 lines	
KN	rostfreier Stahl stainless steel	rostfreier Stahl stainless steel	-	standard standard spring load	keine no marking	
KNS	rostfreier Stahl stainless steel	rostfreier Stahl stainless steel	-	verstärkt heavy spring load	2 Längsmarkierungen 2 lines	
B	Stahl steel	-	Stahl steel	standard standard spring load	keine no marking	
BS	Stahl steel	-	Stahl steel	verstärkt heavy spring load	2 Längsmarkierungen 2 lines	
BN	rostfreier Stahl stainless steel	-	rostfreier Stahl stainless steel	standard standard spring load	keine no marking	
BNS	rostfreier Stahl stainless steel	-	rostfreier Stahl stainless steel	verstärkt heavy spring load	2 Längsmarkierungen 2 lines	



Catalog No. **SM 1275-11** Form **K** d₁ **M16**



Kennzeichnung* entfällt ab Fertigung Q2/2025 /
indication * not applicable from production Q2/2025



Hülse: Automatenstahl, brüniert
rostfreier Stahl 1.4305
Kugel: Kugellagerstahl, gehärtet
rostfreier Stahl gehärtet
Bolzen: Automatenstahl, gehärtet, brüniert
rostfreier Stahl 1.4305
body: free cutting steel, blackened
stainless steel 1.4305
ball: ball-bearing steel, hardened
stainless steel, hardened
bolt: free cutting steel, hardened, blackened
stainless steel 1.4305

Verwendung z. B. zur
Arretierung oder als
An- und Abdruckstifte.
Temperatureinsatzbe-
reich bis 250 °C.

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

d ₁	d ₁								l
	K	KS	KN	KNS	B	BS	BN	BNS	
M03	M03	-	M03	-	-	-	-	-	08
M04	M04	M03	M04	M03	M04	-	M04	-	12
M05	M05	M05	M05	M05	M05	-	M05	-	14
M06	M06	M06	M06	M06	M06	M06	M06	M06	15
M08	M08	M08	M08	M08	M08	M08	M08	M08	18
M10	M10	M10	M10	M10	M10	M10	M10	M10	23
M12	M12	M12	M12	M12	M12	M12	M12	M12	26
M16	M16	M16	M16	M16	M16	M16	M16	M16	33
M20	M20	M20	M20	M20	M20	M20	M20	M20	43
M24	M24	M24	M24	M24	M24	M24	M24	M24	48



d ₁ ∅	d ₂ ∅ Kugel Ball	w	SW	Form K		Form KS		Form KN		Form KNS		kg
				Druck / Pressure [N] ≈*	Druck / Pressure [N] ≈*	Druck / Pressure [N] ≈*	Druck / Pressure [N] ≈*					
				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	56,0	111,0	84,0	166,0	56,0	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	0,106

d ₁ ∅	d ₂ ∅ Bolzen Bolt	w	SW	Form B		Form BS		Form BN		Form BNS		kg
				Druck / Pressure [N] ≈*	Druck / Pressure [N] ≈*	Druck / Pressure [N] ≈*	Druck / Pressure [N] ≈*					
				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	0,067
M24	13,0	8,0	12,0	72,0	155,0	91,0	233,0	72,0	155,0	91,0	223,0	0,106

* statistischer
Mittelwert /
* statistical
average
value

