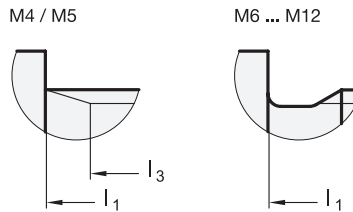


Detail Z; End of thread:



- 2 Type**
- ST** Steel, standard spring load
 - STS** Steel, high spring load
 - NI** Stainless Steel, standard spring load
 - NIS** Stainless Steel, high spring load

Metric table



Dimensions in: millimeters - inches

d ₁ Thread	d ₂	d ₃	l ₁	l ₂	l ₃	w Compression	A/F	Spring load ≈ Standard (Type ST / NI)		Spring load ≈ High (Type STS / NIS)	
								Initial	End	Initial	End
M 4	2.5 0.10	6 0.24	9 0.35	3 0.12	7.5 0.30	0.8 0.03	2	8 N 1.80 lbf	14 N 3.15 lbf	12 N 2.70 lbf	18 N 4.05 lbf
M 5	3 0.12	8 0.31	10 0.39	4 0.16	8.2 0.32	0.9 0.04	2.5	8 N 1.80 lbf	14 N 3.15 lbf	15 N 3.37 lbf	22 N 4.95 lbf
M 6	3.5 0.14	10 0.39	10 0.39	5 0.20	-	1 0.04	3	11 N 2.47 lbf	18 N 4.05 lbf	19.3 N 4.34 lbf	26.6 N 5.98 lbf
M 8	4.5 0.18	13 0.51	12.5 0.49	5.5 0.22	-	1.5 0.06	4	18 N 4.05 lbf	31 N 6.97 lbf	36 N 8.09 lbf	60.5 N 13.60 lbf
M 10	6 0.24	16 0.63	17 0.67	6 0.24	-	2 0.08	5	24 N 5.40 lbf	45 N 10.12 lbf	57 N 12.81 lbf	103.5 N 23.27 lbf
M 12	8 0.31	18 0.71	19 0.75	7 0.28	-	2.5 0.10	6	26 N 5.85 lbf	49 N 11.02 lbf	61 N 13.71 lbf	110 N 24.73 lbf

Specification

- Type ST / STS
 - Housing
Steel, blackened finish
 - Ball
Steel, hardened
 - Spring
Stainless steel
- Type NI / NIS
 - Housing
Stainless steel AISI 303
 - Ball
Stainless steel AISI 420C
Hardened
 - Spring
Stainless steel
- Identification of Type STS / NIS:
Housing with 2 longitudinal markings
- RoHS compliant

Information

GN 815.1 ball plungers are used as stops as well as thrust elements or ejectors.
The head gives a defined and fixed installation position.

<p>How to order</p> <p>GN815.1-M6-ST</p>	1	Thread d ₁
	2	Type