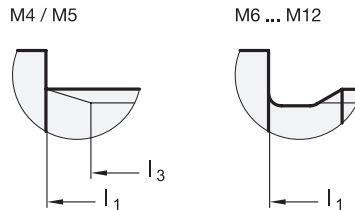


Detail Z; End of thread:



ROSTFREI  
Inox  
Stainless  
Steel

**2 Type**

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

**1**

d <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	w Compression	A/F	Spring load in N ≈ Standard (Type ST / NI)		Spring load in N ≈ Standard (Type STS / NIS)	
								Initial	End	Initial	End
M 4	2,5	6	9	3	7,5	0,8	2	8	14	12	18
M 5	3	8	10	4	8,2	0,9	2,5	8	14	15	22
M 6	3,5	10	10	5	-	1	3	11	18	19,3	26,6
M 8	4,5	13	12,5	5,5	-	1,5	4	18	31	36	60,5
M 10	6	16	17	6	-	2	5	24	45	57	103,5
M 12	8	18	19	7	-	2,5	6	26	49	61	110

**Specification**

- Type ST / STS
  - Housing  
Steel, blackened
  - Ball  
Steel, hardened
- Type NI / NIS
  - Housing  
Stainless steel AISI 303
  - Ball  
Stainless steel AISI 420C, hardened
- Identification of type STS / NIS:  
Housing with 2 longitudinal markings
- *Stainless Steel Characteristics* → Page 2166
- RoHS

**Information**

Spring plungers GN 815.1 are used as stops as well as thrust elements or ejectors.  
The collar gives a defined installation position.

<b>How to order</b>	<b>1</b> d <sub>1</sub>
	<b>2</b> Type

**GN815.1-M6-ST**

3.1  
3.2  
3.3  
3.4  
3.5  
3.6  
3.7  
3.8  
3.9

