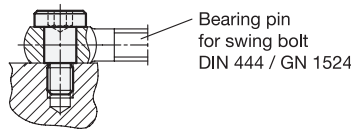


SS Stainless Steel

Application example



Metric table

Dimensions in: millimeters - inches

¹ d ₁ Thread	² d ₂	³ l ₁ ^{+0.20} / _{+0.13}							d ₃	l ₂	l ₃	s
M 5	6 ^{-0.03} / _{-0.05} 0.24 ^{-0.001} / _{-0.002}	5 0.20	6 0.24	7 0.28	8 0.31	-	-	-	12 0.47	7 0.28	3 0.12	3
M 6	8 ^{-0.05} / _{-0.08} 0.31 ^{-0.002} / _{-0.003}	5 0.20	6 0.24	8 0.31	9 0.35	10 0.39	12 0.47	13 0.51	14 0.55	8 0.31	4 0.16	4
M 8	10 ^{-0.05} / _{-0.08} 0.39 ^{-0.002} / _{-0.003}	8 0.31	10 0.39	12 0.47	14 0.55	15 0.59	-	-	16 0.63	11 0.43	5 0.20	5
M 10	12 ^{-0.05} / _{-0.08} 0.47 ^{-0.002} / _{-0.003}	12 0.47	14 0.55	16 0.63	17 0.67	-	-	-	19 0.75	13 0.51	6 0.24	6
M 12	14 ^{-0.05} / _{-0.08} 0.55 ^{-0.002} / _{-0.003}	14 0.55	16 0.63	18 0.71	-	-	-	-	22 0.87	16 0.63	8 0.31	8
M 14	16 ^{-0.05} / _{-0.08} 0.63 ^{-0.002} / _{-0.003}	17 0.67	18 0.71	-	-	-	-	-	25 0.98	19 0.75	8 0.31	8

Specification

- Steel **ST**
 - Property class 5.8
 - Case-hardened (all round depth 0.2 to 0.4 mm)
 - Blackened finish
- Stainless steel AISI 303 **NI**
- [Strength Values of Screws](#) → page 2127
- [Stainless Steel Characteristics](#) → page 2143
- [RoHS compliant](#)

Information

- The dimensions d₂ / l₁ of the GN 732.1 cylinder head shoulder bolts allow for them to be used as bearing pins for DIN 444 / GN 1524 swing bolts, GN 444.2 eye nuts and GN 919 hubs with eccentrical cam.
- see also...**
- [Swing Bolts DIN 444](#) → page 1094
 - [Swing Bolts GN 1524 \(with Extended Thread Length\)](#) → page 1096
 - [Eye Nuts GN 444.2](#) → www.jwwinco.com
 - [Hubs with Eccentrical Cam GN 919](#) → www.jwwinco.com
 - [Shoulder Screws ISO 7379 \(Steel\)](#) → page 1112
 - [Shoulder Screws ISO 7379 \(Stainless Steel\)](#) → page 1113

How to order	1 Thread d ₁
GN 732.1-M8-10-12-ST	2 Collet diameter d ₂
	3 Length l ₁
	4 Material

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10