

GN 1524

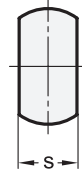
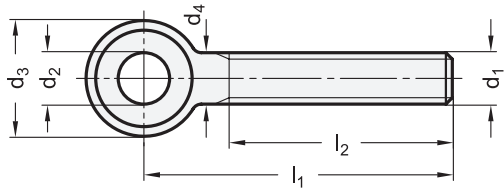
Steel / Stainless Steel

Swing Bolts

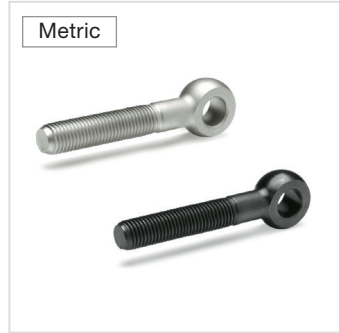
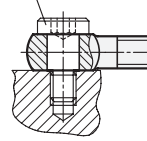
with Extended Thread Length



JWWINCO
A Ganter Company



Cylinder head shoulder bolt GN 732.1 used as bearing pin



SS Stainless Steel

Dimensions in: millimeters - inches

Metric table

¹ d ₁ Thread	² l ₁				l ₂	d ₂ E8	d ₃ -0.4	s -0.2	d ₄
M 6	50 1.97	60 2.36	70 2.76	80 3.15	40 1.57	6 0.24	12 0.47	8 0.31	6 0.24
M 8	50 1.97	-	-	-	40 1.57	8 0.31	16 0.63	10 0.39	8 0.31
M 8	60 2.36	70 2.76	80 3.15	100 3.94	45 1.77	8 0.31	16 0.63	10 0.39	8 0.31
M 10	50 1.97	-	-	-	38 1.50	10 0.39	20 0.79	12 0.47	10 0.39
M 10	60 2.36	-	-	-	46 1.81	10 0.39	20 0.79	12 0.47	10 0.39
M 10	70 2.76	80 3.15	100 3.94	120 4.72	50 1.97	10 0.39	20 0.79	12 0.47	10 0.39
M 12	50 1.97	-	-	-	35 1.38	12 0.47	25 0.98	14 0.55	12 0.47
M 12	60 2.36	-	-	-	42 1.65	12 0.47	25 0.98	14 0.55	12 0.47
M 12	70 2.76	-	-	-	52 2.05	12 0.47	25 0.98	14 0.55	12 0.47
M 12	80 3.15	100 3.94	120 4.72	130 5.12	60 2.36	12 0.47	25 0.98	14 0.55	12 0.47
M 16	70 2.76	-	-	-	49 1.93	16 0.63	32 1.26	18 0.71	16 0.63
M 16	80 3.15	-	-	-	59 2.32	16 0.63	32 1.26	18 0.71	16 0.63
M 16	100 3.94	-	-	-	77 3.03	16 0.63	32 1.26	18 0.71	16 0.63
M 16	120 4.72	140 5.51	160 6.30	-	80 3.15	16 0.63	32 1.26	18 0.71	16 0.63
M 20	100 3.94	-	-	-	75 2.95	20 0.79	40 1.57	22 0.87	20 0.79
M 20	120 4.72	-	-	-	95 3.74	20 0.79	40 1.57	22 0.87	20 0.79
M 20	140 5.51	160 6.30	-	-	100 3.94	20 0.79	40 1.57	22 0.87	20 0.79
M 24*	160 6.30	240 9.45	-	-	120 4.72	25 0.98	50 1.97	28 1.10	24 0.94

* This size is not available in stainless steel (NI)

Specification

- Steel —
- Property class 5.8
- Turned
- Blackened finish
- Stainless steel AISI 303 **NI**
- Turned
- Matte shot-blasted finish
- ISO Fundamental Tolerances → page 2129
- Strength Values of Screws → page 2127
- Stainless Steel Characteristics → page 2143
- RoHS compliant

Information

GN 1524 swing bolts offer a longer threaded stud in comparison to the DIN 444 swing bolts.
For swing bolt thread sizes M8, M10 and M12, GN 732.1 cylinder head shoulder bolts can be used as bearing pins.
see also...
• Cylinder Head Shoulder Bolts GN 732.1 → page 1111

How to order (Steel)		¹ Thread d ₁
GN 1524-M12-100	² Length l ₁	
How to order (Stainless steel)		¹ Thread d ₁
GN 1524-M20-160-NI	² Length l ₁	
	³ Material	