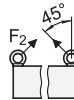


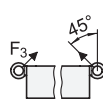
SS Stainless Steel



Axial load bearing capacity per eye bolt



Load bearing capacity at max. 45° per eye bolt



Lateral load bearing capacity at max. 45° per eye bolt



Do not use under shear tension

Metric table

Dimensions in: millimeters - inches

d ₁			d ₂	d ₃	d ₄	e	h	k	Length l	m	F ₁ max.	F ₂ max.	F ₃ max.
Steel ST	Stainless steel NI	Stainless steel A4											
M 8	M 8	-	20 0.79	36 1.42	20 0.79	6 0.24	36 1.42	8 0.31	13 0.51	10 0.39	1400 N 315 lbf	1000 N 225 lbf	700 N 157 lbf
M 10	M 10	M 10	25 0.98	45 1.77	25 0.98	8 0.31	45 1.77	10 0.39	17 0.67	12 0.47	2300 N 517 lbf	1700 N 382 lbf	1150 N 259 lbf
M 12	M 12	M 12	30 1.18	54 2.13	30 1.18	10 0.39	53 2.09	12 0.47	20.5 0.81	14 0.55	3400 N 764 lbf	2400 N 540 lbf	1700 N 382 lbf
M 16	M 16	M 16	35 1.38	63 2.48	35 1.38	12 0.47	62 2.44	14 0.55	27 1.06	16 0.63	7000 N 1574 lbf	5000 N 1124 lbf	3500 N 787 lbf
M 20	M 20	M 20	40 1.57	72 2.83	40 1.57	14 0.55	71 2.80	16 0.63	30 1.18	19 0.75	12000 N 2698 lbf	8600 N 1933 lbf	6000 N 1349 lbf
M 24	M 24	M 24	50 1.97	90 3.54	50 1.97	18 0.71	90 3.54	20 0.79	36 1.42	24 0.94	18000 N 4047 lbf	12900 N 2900 lbf	9000 N 2023 lbf
M 30	-	-	65 2.56	108 4.25	60 2.36	22 0.87	109 4.29	24 0.94	45 1.77	28 1.10	32000 N 7194 lbf	23000 N 5171 lbf	16000 N 3597 lbf
M 36	-	-	75 2.95	126 4.96	70 2.76	26 1.02	128 5.04	28 1.10	54 2.13	32 1.26	46000 N 10341 lbf	33000 N 7419 lbf	23000 N 5171 lbf

Specification

- Steel C15E **ST**
 - Drop-forged
 - Annealed
 - Contact face machined
 - Zinc plated, blue passivated finish
- Stainless steel **NI**
 - Drop-forged
 - Contact face machined
- Stainless steel **A4**
 - Drop-forged
 - Contact face machined
- *Stainless Steel Characteristics* → page 2143
- **RoHS compliant**

Information

The following guidelines for DIN 580 lifting eye bolts must be observed in addition to the maximum load values given in the table:

The eye bolt must be fully screwed in, achieving firm contact between the two mating faces.

The counter thread must be of an equal length and the base material of an equal strength to that of the bolt.

The operating instruction contains further guidelines and is included with every eye bolt (see also at www.jwwinco.com/service).

see also...

- *Safety Swivel Lifting Eye Bolts GN 581* → page 1586
- *Safety Swivel Lifting Eye Bolts GN 581.5* → page 1588
- *D-Shackles GN 584* → page 1600
- *Bow Shackles GN 585* → page 1601

How to order

DIN580-M10-ST

- 1 Thread d₁
- 2 Material