

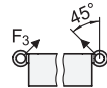
ROSTFREI
Inox
Stainless
Steel



Axial load-bearing capacity per eye nut



Load-bearing capacity at max. 45° per eye nut



Lateral load-bearing capacity at max. 45° per eye nut



Do not use under shear tension



d ₁			d ₂	d ₃	d ₄	e	h	k	Length l	m	F ₁ max. in N	F ₂ max. in N	F ₃ max. in N
Steel ST	St. Steel NI	St. Steel A4											
M 8	M 8	-	20	36	20	6	36	8	13	10	1400	1000	700
M 10	M 10	M 10	25	45	25	8	45	10	17	12	2300	1700	1150
M 12	M 12	M 12	30	54	30	10	53	12	20,5	14	3400	2400	1700
M 16	M 16	M 16	35	63	35	12	62	14	27	16	7000	5000	3500
M 20	M 20	M 20	40	72	40	14	71	16	30	19	12000	8600	6000
M 24	M 24	M 24	50	90	50	18	90	20	36	24	18000	12900	9000
M 30	-	-	65	108	60	22	109	24	45	28	32000	23000	16000
M 36	-	-	75	126	70	26	128	28	54	32	46000	33000	23000

Specification

- Steel C 15 E **ST**
 - drop-forged
 - annealed
 - contact face machined
 - zinc plated, blue passivated
- Stainless Steel A2 **NI**
 - drop-forged
 - contact face machined
- Stainless Steel A4 **A4**
 - drop-forged
 - contact face machined
- Stainless Steel characteristics → Page 1489
- RoHS



Information

The following guidelines of lifting eye bolts DIN 580 have to be observed in addition to the load values given in the above table:

The eye bolt must be of fully screwed in to achieve a perfect contact between the two mating faces.

Both threads must be of a equal length and the base material of equal strength to that of the bolt.

Operating instructions with more details and specifications are included with every delivery (see also www.ganternorm.com/en/service).

The official DIN standard sheet specifies the additional sizes M42, M48, M56, M64, M72 x 6, M80 x 6 und M100 x 6.

see also...

- Lifting eye bolts (rotating) GN 581 → Page 1062
- Shackles GN 584 → Page 1076
- Shackles GN 585 → Page 1077

How to order

DIN 580-M20-NI

1 d₁

2 Material