



2 Type

- A** without spanner
- B** with spanner



d ₁	d ₂	d ₃	d ₄	d ₅	h	k ₁	k ₂	Length l	Nominal load (WLL)
M 6	13	23	28	20	37	7	37	9	0,1 t [1,0 kN]
M 8	16	25	30	25	46	9	47	12	0,3 t [3,0 kN]
M 10	16	25	30	25	46	9	47	15	0,4 t [4,0 kN]
M 12	20	30	34	30	55	10	56	18	0,75 t [7,5 kN]
M 16	23,5	36	40	35	64	13	65	24	1,5 t [15,0 kN]
M 20	29	41	50	40	75	16	76	30	2,3 t [23,0 kN]
M 24	35	51	60	49	90	19	92	36	3,2 t [32,0 kN]
M 30	44	66	75	60	113	24	114	45	4,5 t [45,0 kN]
M 36	53	75	90	72	135	29	135	54	7,0 t [70,0 kN]

Specification

- Ring
Steel, German Material No. 1.6541
- forged
- high-tensile tempered
100 % electro magnetic tensile tested to EN 1677
- plastic coated, pink
- Bolt
Steel
- Tensile strength class 10.9
- 100 % electro magnetic tensile tested
- *Strength values of screws* → Page 1481
- **RoHS compliant**

Information

The lifting eye bolts GN 581 are mounted in rotating bearings, allowing the direction of the force action to be adjusted and preventing inadvertent loosening or overturning (as potentially possible in lifting eye bolts DIN 580).

Lifting eye bolts GN 581 offer a high load carrying capacity and they are tested to meet safety standards (safety factor 4).

The rated load carrying capacity listed in the above table is clearly marked on the ring. It applies to the most unfavourable load application of the load types listed opposite.

Lifting eye bolts GN 581 comply with Mechanical Engineering Directive 2006 / 42 / EG and are BG tested.

The integrated RFID transponder clearly marks and identifies the sling and lifting gear, e.g. during the prescribed regular inspection.

The hexagon socket bolt cannot be removed from the ring.

Type B is suitable for assembly without the need to use tools: inserting the spanner in the hexagon socket of the bolt allows the bolt to be turned in and out by hand.

see also...

Stainless Steel-Lifting eye bolts GN 581.5 → Page 1064

How to order	1 d ₁
	2 Type

GN 581-M12-A