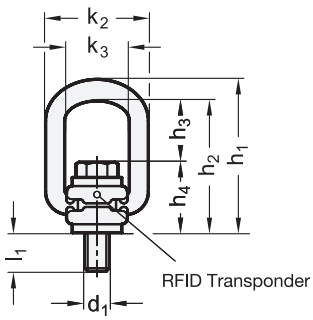
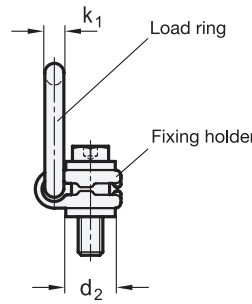
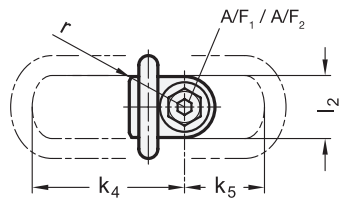






d_1	d_2	h_1	h_2	h_3	h_4	k_1	k_2	k_3	k_4	k_5	l_1	l_2	r	A/F_1	A/F_2	Tightening torque in Nm	Nominal load in t (WLL)
M 8	24	87	75	40	35	12	52	34	75	45	11	30	32	13	5	30	0,63
M 10	24	87	75	39	36	12	52	34	75	45	15	30	32	17	6	60	0,9
M 12	26	87	75	38	37	12	52	34	75	45	18	32	32	19	8	150	1,35
M 16	30	99	85	39	46	13,5	56	38	86	47	22	34,5	38	24	10	150	2
M 20	45	127	110	55	55	16,5	82	54	113	64	32	50	48	30	12	400	3,5
M 24	45	143	125	67	58	18	82	54	130	78	37	50	48	36	14	760	4,5
M 30	60	170	147	67	80	22,5	103	65	151	80	49	60	67	46	17	1000	6,7

Specification

- Load rings
  Steel
  German Material No. 1.6541 (acc. EN 1677)
  - Forged
  - High-tensile tempered
  - 100 % electro magnetic tensile tested
  - Powder coated, pink
- Fixing holder
  - Forged
  - High-tensile tempered
  - 100 % electro magnetic tensile tested
  - Powder coated, pink
- Bolt
  Steel, high-tensile tempered
  Finish: Delta Tone
- Bushing
  Steel
  Galvanic zinc plated
- RoHS

Information

The load rings GN 586.1 can be folded and rotated into all approved directions, carrying the full load in any tension direction.

They 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 attachment bolt. It applies to the most unfavourable load application of the load types listed opposite.

Load rings GN 586.1 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.

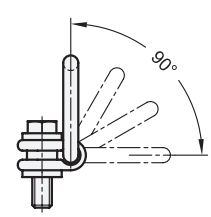
see also...
- *Shackles GN 584 → Page 1520*
- *Shackles GN 585 → Page 1521*

How to order		
GN 586.1-M12	1	d_1

Method of mounting	G_1	G_2	$2xG_1$	$2xG_2$	G_2	G_2	G_2	G_2	G_2	G_2
Number	1	1	2	2	2	2	2	3 and 4	3 and 4	3 and 4
Angles of inclination	0°	90°	0°	90°	0 to 45°	45 to 60°	asymm.	0 to 45°	45 to 60°	asymm.
Factor	1	1	2	2	1,4	1	1	2,1	1,5	1
M 8	0,63 t	0,63 t	1,26 t	1,26 t	0,88 t	0,63 t	0,63 t	1,32 t	0,95 t	0,63 t
M 10	0,90 t	0,90 t	1,80 t	1,80 t	1,30 t	0,90 t	0,90 t	1,90 t	1,35 t	0,90 t
M 12	1,35 t	1,35 t	2,70 t	2,70 t	1,90 t	1,35 t	1,35 t	2,84 t	2,00 t	1,35 t
M 16	2,00 t	2,00 t	4,00 t	4,00 t	2,80 t	2,00 t	2,00 t	4,25 t	3,00 t	2,00 t
M 20	3,50 t	3,50 t	7,00 t	7,00 t	4,90 t	3,50 t	3,50 t	7,35 t	5,25 t	3,50 t
M 24	4,50 t	4,50 t	9,00 t	9,00 t	6,30 t	4,50 t	4,50 t	9,50 t	6,75 t	4,50 t
M 30	6,70 t	6,70 t	13,40 t	13,40 t	9,50 t	6,70 t	6,70 t	14,10 t	10,00 t	6,70 t

Safety instructions

The load capacity table shows the maximum loads in metric tons in relation to the mounting method at an operating temperature of -40 °C to +100 °C. The nominal load capacity refers to the most disadvantageous loading conditions, whereby a safety factor of 4 is taken into account for all values.



The rotating load ring GN 586.1 may only be used if it is screwed on in accordance with the minimum screw-in length and set in the tension direction. The screw-on surface has to be plane and at a right angle to the threaded hole. When firmly mounted, the load ring must rotate freely by 360° and must not rest on edges or other lifting gear, e.g. on crane hooks. Rotating load rings are not suitable for permanent rotary movements under load.

The operating instruction contains further guidelines and is included with every load ring (see also at www.ganternorm.com/en/service).