



Method of mounting										
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	0,60 t	0,30 t	1,20 t	0,60 t	0,42 t	0,30 t	0,30 t	0,63 t	0,45 t	0,30 t
M 10	0,90 t	0,45 t	1,80 t	0,90 t	0,63 t	0,40 t	0,40 t	0,94 t	0,67 t	0,40 t
M 12	1,20 t	0,60 t	2,40 t	1,20 t	0,84 t	0,60 t	0,60 t	1,26 t	0,90 t	0,60 t
M 16	2,60 t	1,30 t	5,20 t	2,60 t	1,82 t	1,30 t	1,30 t	2,73 t	1,95 t	1,30 t
M 20	4,00 t	2,00 t	8,00 t	4,00 t	2,80 t	2,00 t	2,00 t	4,25 t	3,00 t	2,00 t
M 24	7,00 t	3,50 t	14,00 t	7,00 t	4,90 t	3,50 t	3,50 t	7,35 t	5,25 t	3,50 t
M 30	10,00 t	5,00 t	20,00 t	10,00 t	7,00 t	5,00 t	5,00 t	10,50 t	7,50 t	5,00 t

Safety instructions

The above load capacity table shows the maximum loads in metric tonnes as factor of the load ring type and at an operating temperature range of -40 °C to +100 °C, with a safety coefficient of 4 taken into account for all values.

The load ring GN 5860 may be used only if it is bolted with the minimum screw-in depth which depends on the material and if the bolt contact surface is plane and fixed at a right angle to the tap hole.

If permanently mounted in place, the swivel eye bolt must rotate freely by 360° and must not rest on edges or other fixture, e.g. crane hooks. The load rings are not suitable for permanent rotary movement under load exposure.

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

