



Method of mounting										
Number	1	1	2	2	2	2	2	3 and 4	3 and 4	3 and 4
Angles of inclination	0° to 7°	90°	0° to 7°	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 12	1,20 [0,34]	0,50 t	2,40 [0,68]	1,00 t	0,71 [0,24]	0,50 t	0,50 t	1,06 t	0,75 t	0,50 t
M 16	2,40 [0,70]	1,00 t	4,80 [1,40]	2,00 t	1,40 [0,50]	1,00 t	1,00 t	2,10 t	1,50 t	1,00 t
M 20	3,60 [1,20]	2,00 t	7,20 [2,40]	4,00 t	2,80 [0,86]	2,00 t	2,00 t	4,25 t	3,00 t	2,00 t
M 24	5,20 [1,80]	2,50 t	10,40 [3,60]	5,00 t	3,50 [1,29]	2,50 t	2,50 t	5,25 t	3,75 t	2,50 t

Safety instructions

The loads given in brackets refer to the load capacity of the corresponding lifting eye bolts DIN 580. If such a value is not indicated the use of the lifting eye bolts DIN 580 is not permitted!

The bolt-on surface for the lifting eye bolts GN 581.5 must be plane and at a right angle to the threaded borehole; the countersinking must be ≤ the nominal diameter of the thread.

Screwed in, the collar of the screw must make firm contact (do not use washers) and the eye bolt must rotate freely by 360°.

Before applying the load, turn the lifting eye bolt in the direction of the force. The lifting eye bolt is not suitable for frequent rotation cycles under load.

The specified load values apply for a minimum screw-in length of 1,5 × nominal thread diameter in stainless steel with a minimum tensile strength of 37 kp/mm², at an ambient temperature of - 40° C to + 280° C. Load-bearing capacity under different conditions upon request.

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