



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	1,00 [0,14]	0,30 t	2,00 [0,28]	0,60 t	0,42 [0,10]	0,30 t	0,30 t	0,63 t	0,45 t	0,30 t
M 10	1,00 [0,23]	0,40 t	2,00 [0,46]	0,80 t	0,56 [0,17]	0,40 t	0,40 t	0,84 t	0,60 t	0,40 t
M 12	2,00 [0,34]	0,75 t	4,00 [0,68]	1,50 t	1,00 [0,24]	0,75 t	0,75 t	1,60 t	1,12 t	0,75 t
M 16	4,00 [0,70]	1,50 t	8,00 [1,40]	3,00 t	2,10 [0,50]	1,50 t	1,50 t	3,15 t	2,25 t	1,50 t
M 20	6,00 [1,20]	2,30 t	12,00 [2,40]	4,60 t	3,22 [0,86]	2,30 t	2,30 t	4,83 t	3,45 t	2,30 t
M 24	8,00 [1,80]	3,20 t	16,00 [3,60]	6,40 t	4,48 [1,29]	3,20 t	3,20 t	6,70 t	4,80 t	3,20 t
M 30	12,00 [3,20]	4,50 t	24,00 [6,40]	9,00 t	6,30 [2,30]	4,50 t	4,50 t	9,40 t	6,70 t	4,50 t

### Safety instructions

The loads given in brackets refer to the load capacity of the corresponding lifting eye nut DIN 582. If such a value is not indicated the use of the lifting eye nuts DIN 582 is not permitted!

The bolt-on surface for the lifting eye nuts GN 583 must be plane and at a right angle to the threaded borehole. Screwed in, the collar of the nut must make firm contact (do not use washers) and the eye nut must rotate freely by 360°.

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

The specified load values apply only in connection with threaded bolts of steel grade > 10.9 if the bolt is turned in over its entire length l. These load values also apply only for a minimum screw-in length of 1.5 x nominal thread diameter in steel with a minimum tensile strength of 37 kp/mm<sup>2</sup>, at an ambient temperature of - 40 °C to + 100 °C.

Load-bearing capacity under different conditions upon request.

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