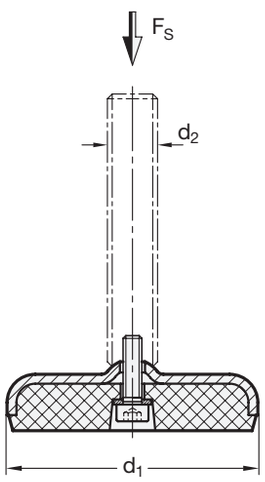
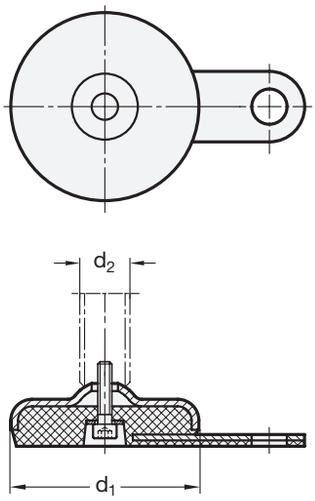
GN 31



GN 33



Information

The load capacity specified in the table is based on test series in which the load was applied perpendicular to the base. With these values, unloading may already result in minor, permanent deformation of the base.

Bending and buckling stress, which often occurs in practice, lead to a lower load capacity of the threaded stud and may have to be taken into account.

Also, the stud strength is assumed to be ≥ 500 N/mm².

The details given on load capacity are non-binding guide values without any liability. In general, they do not constitute a warranty of quality.

The user must determine from case to case if a product is suitable for the intended use. Ambient influences may affect the specified values.

Metric table

Dimensions in: millimeters - *inches*

d_1	d_2		**Static load F_s** for threaded stud version							
	Thread	Thread	S / SK		T / TK and U / UK		V / VK and W		X	
	Metric	Inch	Black rubber pad	White rubber pad	Black rubber pad	White rubber pad	Black rubber pad	White rubber pad	Black rubber pad	White rubber pad
50 *1.97*	M 8	5/16 x 18	8 kN *1798 lbf*	8 kN *1798 lbf*	-	-	-	-	8 kN *1798 lbf*	8 kN *1798 lbf*
50 *1.97*	M 10	3/8 x 16	14 kN *3147 lbf*	14 kN *3147 lbf*	-	-	-	-	13 kN *2923 lbf*	13 kN *2923 lbf*
50 *1.97*	M 12	1/2 x 13	20 kN *4496 lbf*	20 kN *4496 lbf*	-	-	-	-	20 kN *4496 lbf*	20 kN *4496 lbf*
50 *1.97*	M 16	5/8 x 11	-	-	28 kN *6295 lbf*	28 kN *6295 lbf*	-	-	28 kN *6295 lbf*	25 kN *5620 lbf*
60 *2.36*	M 8	5/16 x 18	8 kN *1798 lbf*	8 kN *1798 lbf*	-	-	-	-	8 kN *1798 lbf*	8 kN *1798 lbf*
60 *2.36*	M 10	3/8 x 16	14 kN *3147 lbf*	14 kN *3147 lbf*	-	-	-	-	13 kN *2923 lbf*	13 kN *2923 lbf*
60 *2.36*	M 12	1/2 x 13	20 kN *4496 lbf*	20 kN *4496 lbf*	-	-	-	-	20 kN *4496 lbf*	20 kN *4496 lbf*
60 *2.36*	M 16	5/8 x 11	-	-	28 kN *6295 lbf*	25 kN *5620 lbf*	27 kN *6070 lbf*	27 kN *6070 lbf*	28 kN *6295 lbf*	25 kN *5620 lbf*
80 *3.15*	M 8	5/16 x 18	8 kN *1798 lbf*	8 kN *1798 lbf*	-	-	-	-	8 kN *1798 lbf*	8 kN *1798 lbf*
80 *3.15*	M 10	3/8 x 16	14 kN *3147 lbf*	14 kN *3147 lbf*	-	-	-	-	13 kN *2923 lbf*	13 kN *2923 lbf*
80 *3.15*	M 12	1/2 x 13	19 kN *4271 lbf*	15 kN *3372 lbf*	-	-	-	-	15 kN *3372 lbf*	15 kN *3372 lbf*
80 *3.15*	M 16	5/8 x 11	-	-	19 kN *4271 lbf*	15 kN *3372 lbf*	24 kN *5395 lbf*	24 kN *5395 lbf*	19 kN *4271 lbf*	15 kN *3372 lbf*
80 *3.15*	M 20	3/4 x 10	-	-	19 kN *4271 lbf*	15 kN *3372 lbf*	24 kN *5395 lbf*	24 kN *5395 lbf*	19 kN *4271 lbf*	15 kN *3372 lbf*
80 *3.15*	M 24	-	-	-	19 kN *4271 lbf*	15 kN *3372 lbf*	24 kN *5395 lbf*	24 kN *5395 lbf*	-	-
100 *3.94*	M 8	5/16 x 18	8 kN *1798 lbf*	8 kN *1798 lbf*	-	-	-	-	8 kN *1798 lbf*	8 kN *1798 lbf*
100 *3.94*	M 10	3/8 x 16	14 kN *3147 lbf*	14 kN *3147 lbf*	-	-	-	-	13 kN *2923 lbf*	13 kN *2923 lbf*
100 *3.94*	M 12	1/2 x 13	17 kN *3822 lbf*	14 kN *3147 lbf*	-	-	-	-	17 kN *3822 lbf*	14 kN *3147 lbf*
100 *3.94*	M 16	5/8 x 11	-	-	17 kN *3822 lbf*	14 kN *3147 lbf*	21 kN *4721 lbf*	21 kN *4721 lbf*	17 kN *3822 lbf*	14 kN *3147 lbf*
100 *3.94*	M 20	3/4 x 10	-	-	17 kN *3822 lbf*	14 kN *3147 lbf*	21 kN *4721 lbf*	21 kN *4721 lbf*	17 kN *3822 lbf*	14 kN *3147 lbf*
100 *3.94*	M 24	-	-	-	17 kN *3822 lbf*	14 kN *3147 lbf*	21 kN *4721 lbf*	21 kN *4721 lbf*	-	-
120 *4.72*	M 20	-	-	-	25 kN *5620 lbf*	22 kN *4946 lbf*	-	-	25 kN *5620 lbf*	22 kN *4946 lbf*
120 *4.72*	M 24	-	-	-	25 kN *5620 lbf*	22 kN *4946 lbf*	-	-	-	-
120 *4.72*	M 30	-	-	-	25 kN *5620 lbf*	22 kN *4946 lbf*	-	-	-	-