

GN 632.1

Grub screws with spherical end



Material

Black-oxide steel, class 5.8 (tensile strength 500 N/mm²), hexagon socket head.

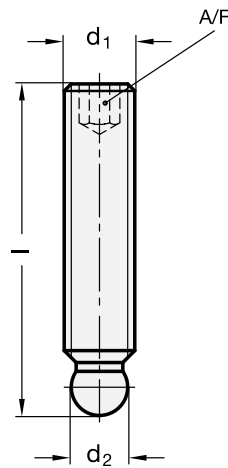
Special executions on request (For sufficient quantities)

Different threadings and lengths.

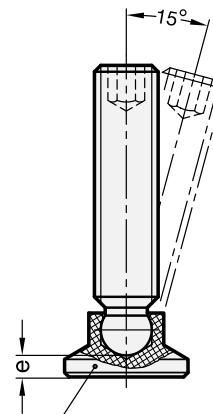
Features and applications

GN 632.1 grub screws can be used to realize different locking systems. On irregular or non-parallel surfaces, we suggest to couple them with technopolymer thrust pads type GN 631 (see page 414) or stainless steel thrust pads GN 631.5 (see page 415), which prevent the rotating movement of the screw from being exerted directly on the piece to be locked, protecting it from possible scratches. Levers, knobs or other handles can be also fitted to the threaded end by means of pins.

Diameter d_2 of the ball is smaller than diameter d_1 of the screw, which allows the screwing from the spherical side.



Mounting example



Thrust pad GN 631
Technopolymer

Standard Elements	Main dimensions				Thrust pad GN 631 / GN 631.5						Δ
Description	d_1	l	d_2	A/F	$d_1 - e$						g
GN 632.5-M6-30	M6	30	4.5 +0.025	3	15-3.6	18-5.2	21-6	25-6.5	32-7	-	5
GN 632.5-M6-40	M6	40	4.5 +0.025	3	15-3.6	18-5.2	21-6	25-6.5	32-7	-	8
GN 632.5-M6-50	M6	50	4.5 +0.025	3	15-3.6	18-5.2	21-6	25-6.5	32-7	-	10
GN 632.5-M8-25	M8	25	6.1 +0.05	4	15-2.5	18-4.2	21-5	25-5.5	32-6	40-8	6
GN 632.5-M8-40	M8	40	6.1 +0.05	4	15-2.5	18-4.2	21-5	25-5.5	32-6	40-8	12
GN 632.5-M8-50	M8	50	6.1 +0.05	4	15-2.5	18-4.2	21-5	25-5.5	32-6	40-8	15
GN 632.5-M8-63	M8	63	6.1 +0.05	4	15-2.5	18-4.2	21-5	25-5.5	32-6	40-8	19
GN 632.5-M10-40	M10	40	7.8 +0.05	5	18-3.8	21-4.3	25-4.6	32-5	40-7	-	17
GN 632.5-M10-50	M10	50	7.8 +0.05	5	18-3.8	21-4.3	25-4.6	32-5	40-7	-	22
GN 632.5-M10-63	M10	63	7.8 +0.05	5	18-3.8	21-4.3	25-4.6	32-5	40-7	-	29
GN 632.5-M10-80	M10	80	7.8 +0.05	5	18-3.8	21-4.3	25-4.6	32-5	40-7	-	37
GN 632.5-M12-40	M12	40	9.4 +0.05	6	21-3.4	25-3.6	32-4.2	40-6.2	-	-	20
GN 632.5-M12-63	M12	63	9.4 +0.05	6	21-3.4	25-3.6	32-4.2	40-6.2	-	-	41
GN 632.5-M12-80	M12	80	9.4 +0.05	6	21-3.4	25-3.6	32-4.2	40-6.2	-	-	53
GN 632.5-M12-100	M12	100	9.4 +0.05	6	21-3.4	25-3.6	32-4.2	40-6.2	-	-	68