

Grub screws with spherical end

RoHS

• Material

AISI 303 stainless steel, hexagon socket head.

Special executions on request

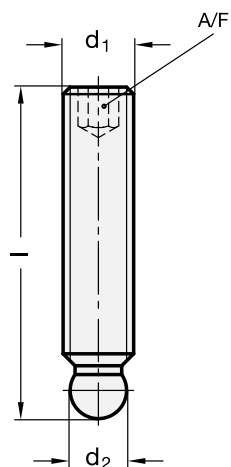
Different threadings and lengths.

Features and applications

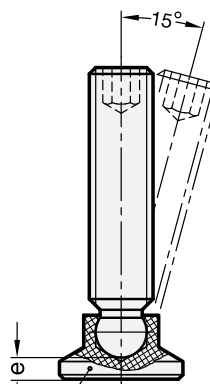
GN 632.5 grub screws can be used to realize different locking systems. On irregular or non-parallel surfaces, we suggest to couple them with technopolymer thrust pads type GN 631 (see page 414) or stainless steel thrust pads GN 631.5 (see page 415), which prevent the rotating movement of the screw from 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.

AISI 303 stainless steel, thanks to its high resistance to corrosion, allows the application of these grub screws on machines and equipment in those sectors where laws or particular hygienic, climatic and environmental factors make it mandatory to use corrosion resistant materials.



Mounting example



Thrust pad GN 631
Technopolymer

Standard Elements	Main dimensions				Thrust pad GN 631 / GN 631.5						$\Delta\Delta$
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