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MATERIAL

Steel, class 5.8 (tensile strength 500 N/mm²), hexagon socket head.

STANDARD EXECUTIONS

- **DIN 6332-SK**: black-oxide steel, hardened end.
- **DIN 6332-SKN**: black-oxide steel, not hardened end.
- **DIN 6332-SKN-ZB**: zinc-plated steel, not hardened end.

FEATURES AND APPLICATIONS

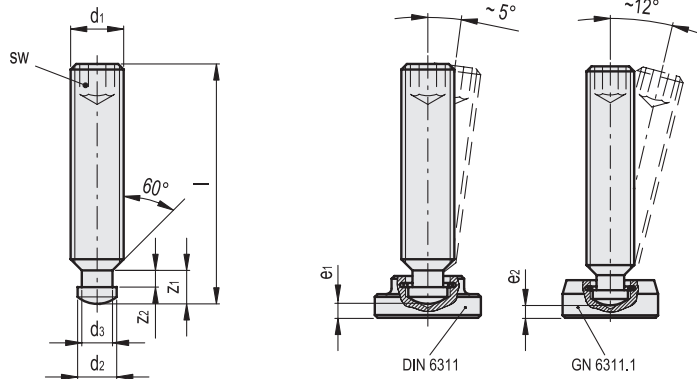
DIN 6332 grub screws can be used to realize different locking systems. On irregular or non-parallel surfaces, we suggest to couple them with thrust pads DIN 6311 (see page 981) or GN 6311.1 (see page 982) which allow the clamping preventing the rotating movement of the screw from being exerted directly on the piece to be locked. Levers, knobs or handles can be also fitted to the threaded end by means of pins.

SPECIAL EXECUTIONS ON REQUEST

Different lengths.



Conversion Table	
1 mm = 0.039 inch	
mm	inch
30	1.18
40	1.57
50	1.97
60	2.36
70	2.76
80	3.15
100	2.94
125	4.92
150	5.91



DIN 6332-SK

Code	Description	d2 h11	d1	d3	l	e1	e2	z1	z2	sw	Δ
GN.11801	DIN 6332-M6-30-SK	4.5	M6	4	30	2.2	-	6	2.5	3	5
GN.11803	DIN 6332-M6-40-SK	4.5	M6	4	40	2.2	-	6	2.5	3	7
GN.11804	DIN 6332-M6-50-SK	4.5	M6	4	50	2.2	-	6	2.5	3	9
GN.11812	DIN 6332-M8-40-SK	6	M8	5.4	40	3	2.2	7.5	3	4	12
GN.11814	DIN 6332-M8-50-SK	6	M8	5.4	50	3	2.2	7.5	3	4	14
GN.11815	DIN 6332-M8-60-SK	6	M8	5.4	60	3	2.2	7.5	3	4	17
GN.11821	DIN 6332-M10-50-SK	8	M10	7.2	50	3.6	2.6	9	4.5	5	23
GN.11823	DIN 6332-M10-60-SK	8	M10	7.2	60	3.6	2.6	9	4.5	5	28
GN.11825	DIN 6332-M10-80-SK	8	M10	7.2	80	3.6	2.6	9	4.5	5	37
GN.11831	DIN 6332-M12-60-SK	8	M12	7.2	60	4.5	2.9	10	4.5	6	39
GN.11834	DIN 6332-M12-80-SK	8	M12	7.2	80	4.5	2.9	10	4.5	6	53
GN.11835	DIN 6332-M12-100-SK	8	M12	7.2	100	4.5	2.9	10	4.5	6	66
GN.11842	DIN 6332-M16-70-SK	12	M16	11	70	5.3	4.5	12	5	8	83
GN.11844	DIN 6332-M16-100-SK	12	M16	11	100	5.3	4.5	12	5	8	121
GN.11845	DIN 6332-M16-125-SK	12	M16	11	125	5.3	4.5	12	5	8	154
GN.11851	DIN 6332-M20-80-SK	15.5	M20	14.4	80	5.6	-	14	5.5	10	149
GN.11853	DIN 6332-M20-100-SK	15.5	M20	14.4	100	5.6	-	14	5.5	10	189
GN.11855	DIN 6332-M20-150-SK	15.5	M20	14.4	150	5.6	-	14	5.5	10	292

METRIC

Machine elements