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MATERIAL

Black-oxide steel, hexagon socket head.

STANDARD EXECUTIONS

Hardened steel ball.

- **GN 605-A**: ball for applications requiring a single point contact.
 - **GN 605-B**: reversible flat-faced ball for fitting non-parallel surfaces.
- Maximum ball plane inclination = 9°.

FEATURES AND APPLICATIONS

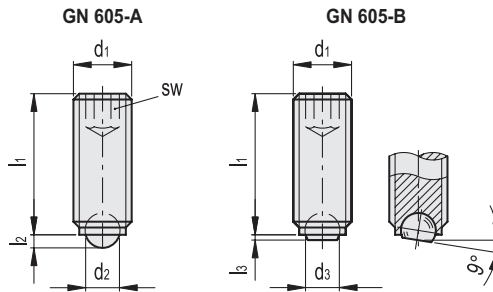
GN 605 grub screws with ball terminal are suitable for locking pieces to be machined.

SPECIAL EXECUTIONS ON REQUEST

- Screws with non-reversible flat-faced ball (GN 605-V).
- Screws with non-reversible knurled flat-faced ball (GN 605-VR).



Conversion Table			
1 mm = 0.039 inch			
↓			
l1			
mm	inch	mm	inch
6	0.24	25	0.98
8	0.31	30	1.18
10	0.39	35	1.38
12	0.47	40	1.57
16	0.63	50	1.97
20	0.79		



GN 605-A

METRIC

Code	Description	d1	d2	l1	l2	sw	Static load [N]	⚖️
GN.14001	GN 605-M4-6-A	M4	2.5	6	0.8	2	3500	1
GN.14003	GN 605-M4-10-A	M4	2.5	10	0.8	2	3500	1
GN.14006	GN 605-M4-16-A	M4	2.5	16	0.8	2	3500	1
GN.14011	GN 605-M5-8-A	M5	3	8	0.9	2.5	5000	1
GN.14013	GN 605-M5-12-A	M5	3	12	0.9	2.5	5000	1
GN.14016	GN 605-M5-20-A	M5	3	20	0.9	2.5	5000	2
GN.14021	GN 605-M6-10-A	M6	4	10	1.4	3	9000	2
GN.14023	GN 605-M6-16-A	M6	4	16	1.4	3	9000	3
GN.14026	GN 605-M6-25-A	M6	4	25	1.4	3	9000	4
GN.14031	GN 605-M8-10-A	M8	5.5	10	1.7	4	15000	3
GN.14033	GN 605-M8-12-A	M8	5.5	12	1.7	4	15000	3
GN.14036	GN 605-M8-20-A	M8	5.5	20	1.7	4	15000	6
GN.14038	GN 605-M8-30-A	M8	5.5	30	1.7	4	15000	9
GN.14041	GN 605-M10-12-A	M10	7	12	2.3	5	24000	5
GN.14043	GN 605-M10-16-A	M10	7	16	2.3	5	24000	7
GN.14046	GN 605-M10-25-A	M10	7	25	2.3	5	24000	11
GN.14048	GN 605-M10-35-A	M10	7	35	2.3	5	24000	16
GN.14051	GN 605-M12-16-A	M12	8	16	2.8	6	30000	10
GN.14053	GN 605-M12-20-A	M12	8	20	2.8	6	30000	13
GN.14056	GN 605-M12-30-A	M12	8	30	2.8	6	30000	20
GN.14058	GN 605-M12-40-A	M12	8	40	2.8	6	30000	28
GN.14061	GN 605-M16-20-A	M16	12	20	4	8	73000	22
GN.14063	GN 605-M16-25-A	M16	12	25	4	8	73000	28
GN.14066	GN 605-M16-35-A	M16	12	35	4	8	73000	41
GN.14068	GN 605-M16-50-A	M16	12	50	4	8	73000	48

GN 605-B

METRIC

Code	Description	d1	d3	l1	l3	sw	Static load [N]	⚖️
GN.14321	GN 605-M6-10-B	M6	3.2	10	0.6	3	9000	2
GN.14323	GN 605-M6-16-B	M6	3.2	16	0.6	3	9000	3
GN.14326	GN 605-M6-25-B	M6	3.2	25	0.6	3	9000	4
GN.14331	GN 605-M8-10-B	M8	4.2	10	0.7	4	15000	3
GN.14333	GN 605-M8-12-B	M8	4.2	12	0.7	4	15000	3
GN.14336	GN 605-M8-20-B	M8	4.2	20	0.7	4	15000	6
GN.14338	GN 605-M8-30-B	M8	4.2	30	0.7	4	15000	9
GN.14341	GN 605-M10-12-B	M10	5.7	12	0.8	5	24000	5
GN.14343	GN 605-M10-16-B	M10	5.7	16	0.8	5	24000	7
GN.14346	GN 605-M10-25-B	M10	5.7	25	0.8	5	24000	11
GN.14348	GN 605-M10-35-B	M10	5.7	35	0.8	5	24000	16
GN.14351	GN 605-M12-16-B	M12	7.1	16	0.9	6	30000	10
GN.14353	GN 605-M12-20-B	M12	7.1	20	0.9	6	30000	13
GN.14356	GN 605-M12-30-B	M12	7.1	30	0.9	6	30000	20
GN.14358	GN 605-M12-40-B	M12	7.1	40	0.9	6	30000	28
GN.14361	GN 605-M16-20-B	M16	9.7	20	1.5	8	73000	22
GN.14363	GN 605-M16-25-B	M16	9.7	25	1.5	8	73000	28
GN.14366	GN 605-M16-35-B	M16	9.7	35	1.5	8	73000	41
GN.14368	GN 605-M16-50-B	M16	9.7	50	1.5	8	73000	48