



MATERIAL

Hardened steel.

STANDARD EXECUTIONS

Assembly by means of two supplied zinc-plated steel grub screws with hexagon socket.

- **GN 297-R**: gear with teeth for clockwise rotation.
- **GN 297-L**: gear with toothing for anti-clockwise rotation.
- **GN 297-W**: set of two gears, one for clockwise rotation and the other for anti-clockwise rotation. Ratio 1:1.
- **GN 297-T**: set of three gears, one for clockwise rotation and the other two for anti-clockwise rotation. Ratio 1:1.

FEATURES AND APPLICATIONS

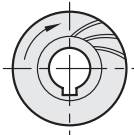
GN 297 angular gears are normally used with the linear actuators, connecting units GN 391 (see page 1402) and/or the connectors GN 298 (see page 1401).

The helical toothing ensures better coupling between the conical gears, reducing the clearance and consequently the noise level.

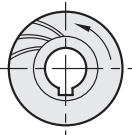
Two conical gears are needed to make an angular rotation (GN 297-W). Three conical gears are needed to make a T rotation (GN 297-T).



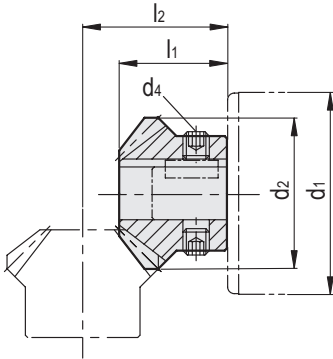
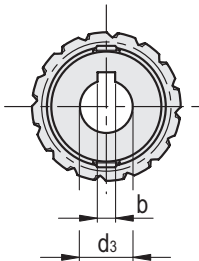
GN 297-R



GN 297-L



Conversion Table	
1 mm = 0.039 inch	
d2	
mm	inch
14.5	0.57
25	0.98
33	1.29
40	1.56



GN 297-R

Code	Description	d1	d2	d3 H7 Bore with keyway	d4	b	l1	l2	⚖
GN.67403	GN 297-14.5-K6-R	18	14.5	6	M 4	2	11	16	9
GN.67408	GN 297-25-K8-R	30	25	8	M 6	2	19	25	36
GN.67413	GN 297-33-K12-R	40 / 50	33	12	M 6	4	23.5	31	72
GN.67418	GN 297-40-K14-R	60	40	14	M 6	5	28	39	127

GN 297-L

Code	Description	d1	d2	d3 H7 Bore with keyway	d4	b	l1	l2	⚖
GN.67402	GN 297-14.5-K6-L	18	14.5	6	M 4	2	11	16	9
GN.67407	GN 297-25-K8-L	30	25	8	M 6	2	19	25	36
GN.67412	GN 297-33-K12-L	40 / 50	33	12	M 6	4	23.5	31	72
GN.67417	GN 297-40-K14-L	60	40	14	M 6	5	28	39	127

GN 297-W

Code	Description	d1	d2	d3 H7 Bore with keyway	d4	b	l1	l2	⚖
GN.67405	GN 297-14.5-K6-W	18	14.5	6	M 4	2	11	16	16
GN.67410	GN 297-25-K8-W	30	25	8	M 6	2	19	25	75
GN.67415	GN 297-33-K12-W	40 / 50	33	12	M 6	4	23.5	31	140
GN.67420	GN 297-40-K14-W	60	40	14	M 6	5	28	39	254

GN 297-T

Code	Description	d1	d2	d3 H7 Bore with keyway	d4	b	l1	l2	⚖
GN.67404	GN 297-14.5-K6-T	18	14.5	6	M 4	2	11	16	150
GN.67409	GN 297-25-K8-T	30	25	8	M 6	2	19	25	150
GN.67414	GN 297-33-K12-T	40 / 50	33	12	M 6	4	23.5	31	220
GN.67419	GN 297-40-K14-T	60	40	14	M 6	5	28	39	381