



3 Type

- R** Bevel gear wheel, right-hand pitch
- L** Bevel gear wheel, left-hand pitch
- W** Set of bevel gears 2 bevel gears, 1 x right-hand pitch, 1 x left-hand pitch
- T** Set of bevel gears 3 bevel gears, 1 x right-hand pitch, 2 x left-hand pitch

¹ d_0 Ø Linear actuator / Transfer unit	² d_1	d_2 H7 Bore with keyway	b	d_4	l_1	l_2
18	14,5	K 6	2	M 4	11	16
30	25	K 8	2	M 6	19	25
40 / 50	33	K 12	4	M 6	23,5	31
60	40	K 14	5	M 6	28	39

Specification

- Steel
Hardened
- Teeth milled
- ISO Fundamental Tolerances → Page 2151
- RoHS

Information

Bevel gear wheels GN 297 are used for angular / T-gears in connection with linear actuators / transfer units GN 391 and housings GN 298.

The spiral bevel facilitates both setting the desired clearance and locating the correct position of the bevel gears. Also, gears set up this way run with extremely low noise levels.

Two bevel gears are needed for an angular gear, three bevel gears are needed for a T-gear. These are available as set in type W resp. type T.

Please note that only bevel gears with different pitches can be paired. The transmission ratio is always 1:1, because the bevel gears always have the same number of teeth.

see also...

- Linear Actuators GN 291, GN 292, GN 293 → Page 1950 ff.
- Housings GN 298 (for Angular Gears / T-Gears) → Page 1990
- Assembly and Application Examples → Page 1992 ff.

How to order	
¹	d_2
²	d_3
³	Type

GN 297-33-K12-T

