



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 ∅ Linear actuator / Transfer unit	² d ₁	d ₂ H7 Bore with keyway K	b	d ₃	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

Specification

- Steel hardened
- Teeth milled
- ISO-Fundamental tolerances → Page 1479
- RoHS

Information

Bevel gear wheels GN 297 are used for angular / T-gears in connection with linear actuators / transfer units 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 → Page 1326
- Housings GN 298 (for angular gears / T-gears) → Page 1354
- Assembly and application examples → Page 1356 ff.

How to order GN 297-33-K12-T	¹ d ₁
	² d ₂
	³ Type

3.1
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