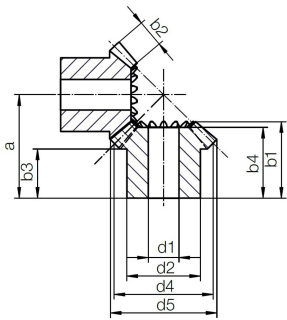


igutek P360 bevel gears - ratio 1:1

P360GM-BG-050-016-00-030-R-10



igutek P360 bevel gears - ratio 1:1

- Increased wear resistance
- Good tribological specifications
- Robust
- Resistant to shock loads

b3	6 mm
b1	8.1 mm
b2	2 mm
Ø d1 bore diameter	3 mm
d5	8.7 mm
a	10.5 mm
d2	7 mm
Module	0.5
Number of teeth	16
Number of teeth	16

Product description

Introducing the igutek P360 bevel gears with a 1:1 ratio, designed for superior performance and durability. These robust gears feature increased wear resistance and excellent tribological properties, making them resistant to shock loads. Crafted for economic high-volume production, they are maintenance-free, reducing costs associated with lubrication. Available from stock with no minimum order quantity, these bevel gears are perfect for your needs. Elevate your technology with igutek P360.

Thermal properties

Lower application temperature	-30 °C
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Mechanical properties

Transmission	1:1
Modulus of elasticity	1300 MPa
Modulus of elasticity test method	Test method ASTM D790
Flexural strength (at 20°C/68°F)	50 MPa
Flexural strength (at 20°C/68°F) test method	Test method ASTM D790



Dimensions

Ø d1 bore diameter	3 mm
Module	0.5
b3	6 mm
b2	2 mm
a	10.5 mm
b1	8.1 mm
d5	8.7 mm
d2	7 mm

Requirements

Number of teeth	16
Module	0.5
Material	igutek P360
Colour	light beige
Density	1.24 g/cm ³
Max. moisture absorption	0.5 Wt.-%
Max. moisture absorption test method	Test method ASTM D570
Max. total moisture absorption	2.1 Wt.-%
Max. water absorption test method	Test method ASTM D570
Helix angle	0 °