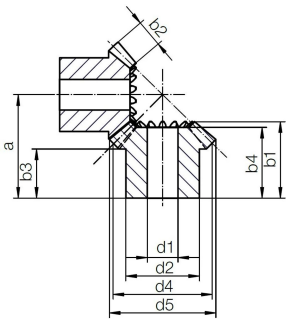


igutek P360 bevel gears - transmission 1:5
P360GM-BG-100-012-00-040-R-50



igutek P360 bevel gears - transmission 1:5

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

b3	10.1 mm
b1	20.2 mm
b2	9.9 mm
Ø d1 bore diameter	4 mm
d5	13.7 mm
a	40.6 mm
Module	1
Number of teeth	12
Number of teeth	12

Product description

Introducing the igutek P360 bevel gears, engineered for durability and efficiency with a transmission ratio of 1:5. These robust gears feature increased wear resistance and excellent tribological properties, making them perfect for demanding applications. Produced through economical injection molding, they require no maintenance, reducing overall costs. Available from stock with no minimum order quantity, these bevel gears are designed to work seamlessly together, ensuring reliable performance in your projects.

Thermal properties

Lower application temperature	-30 °C
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Mechanical properties

Transmission	1:5
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	4 mm
Module	1
b3	10.1 mm
b2	9.9 mm
a	40.6 mm
b1	20.2 mm
d5	13.7 mm

Requirements

Number of teeth	12
Module	1
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 °