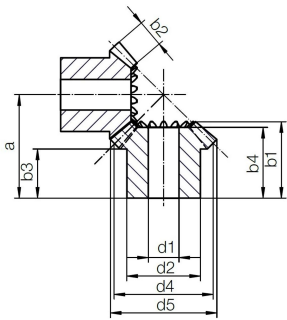


igutek P360 bevel gears - transmission 1:2
P360GM-BG-100-015-00-050-R-20



igutek P360 bevel gears - transmission 1:2

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

b3	10.5 mm
b1	17.1 mm
b2	6.4 mm
Ø d1 bore diameter	5 mm
d5	16.6 mm
a	26.3 mm
Module	1
Number of teeth	15
Number of teeth	15

Product description

Introducing the igutek P360 bevel gears, designed for efficient transmission with a 1:2 ratio. These robust gears feature increased wear resistance and excellent tribological properties, ensuring durability and reliability under shock loads. Crafted through economical injection moulding, they are maintenance-free, reducing long-term costs. Available from stock with no minimum order quantity, these bevel gears are perfect for high-volume production. Elevate your technology with igutek P360 today!

Thermal properties

Lower application temperature	-30 °C
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Mechanical properties

Transmission	1:2
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	5 mm
Module	1
b3	10.5 mm
b2	6.4 mm
a	26.3 mm
b1	17.1 mm
d5	16.6 mm

Requirements

Number of teeth	15
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 °