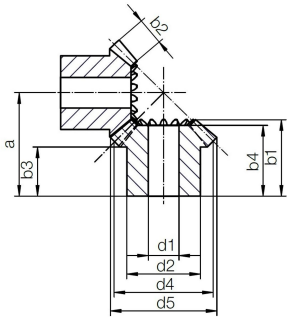


igutek P360 bevel gears - transmission 1:1.5
P360GM-BG-150-016-00-080-R-15



igutek P360 bevel gears - transmission 1:1.5

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

b3	10.8 mm
b1	18.8 mm
b2	8 mm
Ø d1 bore diameter	8 mm
d5	26 mm
a	30 mm
d2	20 mm
Module	1.5
Number of teeth	16
Number of teeth	16

Product description

Introducing the igutek P360 bevel gears, designed for efficient transmission with a 1:1.5 ratio. These robust gears feature increased wear resistance and excellent tribological properties, making them ideal for demanding applications. Crafted for economic high-volume production through injection molding, they are maintenance-free, reducing costs significantly. Available from stock with no minimum order quantity, these bevel gears ensure reliable performance and durability in every use. Perfect for your engineering needs!

Thermal properties

Lower application temperature	-30 °C
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Mechanical properties

Transmission	1:1,5
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	8 mm
Module	1.5
b3	10.8 mm
b2	8 mm
a	30 mm
b1	18.8 mm
d5	26 mm
d2	20 mm

Requirements

Number of teeth	16
Module	1.5
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 °