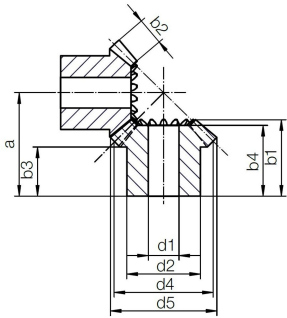


iguform S270 bevel gears - ratio 1:1
S270GM-BG-050-016-00-030-R-10



iguform S270 bevel gears - ratio 1:1

- Low coefficient of friction
- Low humidity absorption
- Quiet

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 iguform S270 bevel gears with a 1:1 ratio, designed for seamless technology integration. These gears feature a low coefficient of friction and low humidity absorption, ensuring quiet operation. Crafted for economic high-volume production through injection molding, they are maintenance-free, minimizing lubrication costs. Available from stock with no minimum order quantity, these versatile bevel gears can be easily combined for optimal performance. Perfect for your engineering needs.

Thermal properties

Lower application temperature	-40 °C
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Mechanical properties

Transmission	1:1
Modulus of elasticity	2400 MPa
Modulus of elasticity test method	Test method DIN 53457
Flexural strength (at 20°C/68°F)	65 MPa
Flexural strength (at 20°C/68°F) test method	Test method DIN 53452



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	iguform S270
Colour	White
Density	1.41 g/cm ³
Max. moisture absorption	0.2 Wt.-%
Max. moisture absorption test method	Test method ISO 62
Max. total moisture absorption	0.65 Wt.-%
Max. water absorption test method	Test method ISO 62
Helix angle	0 °