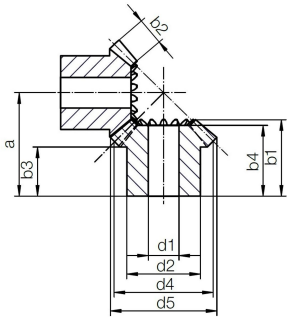


iguform S270 bevel gears - transmission 1:5
S270GM-BG-100-012-00-040-R-50



iguform S270 bevel gears - transmission 1:5

- Low coefficient of friction
- Low humidity absorption
- Quiet

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
d2	9.5 mm
Module	1
Number of teeth	12
Number of teeth	12

Product description

Introducing the iguform S270 bevel gears with a 1:5 transmission ratio, designed for enhanced performance. These gears feature a low coefficient of friction and low humidity absorption, ensuring quiet operation and durability. Crafted for economic high-volume production through injection moulding, they are maintenance-free, reducing lubrication costs. With no minimum order quantity and availability from stock, these bevel gears are the perfect choice for your projects. Achieve reliable performance with iguform S270 today.

Thermal properties

Lower application temperature	-40 °C
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Mechanical properties

Transmission	1:5
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	4 mm
Module	1
b3	10.1 mm
b2	9.9 mm
a	40.6 mm
b1	20.2 mm
d5	13.7 mm
d2	9.5 mm

Requirements

Number of teeth	12
Module	1
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 °