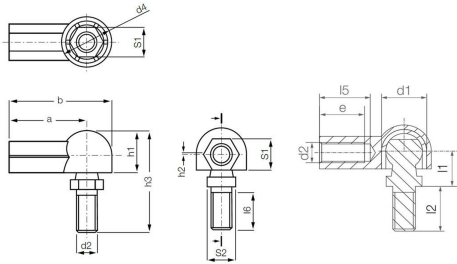


igubal® angle joint with ball stud, removable
WGLM-05-DE



igubal® angle joint with ball stud, removable

- Thread direction: right/left
- Housing material: igumid G
- Ball stud made of plastic or galvanized steel
- Connection for rotating and swiveling movements
- Very low weight
- Simple assembly and disassembly
- Insensitive to dirt and dust

Ball diameter d1	8 mm
h1	10.8 mm
h3	25.6 mm
l1	9 mm
l2	10.2 mm
b	31.4 mm
e	11 mm
l5	13 mm
thread d2	M05
S2	SW07
S1	SW09
Ø d4	12.8 mm
l6	6.2 mm
a	25 mm
Part number	WGLM-05-DE

Product description

Discover the igubal® angle joint with ball stud, removable, designed for durability in harsh environments. Made from igumid G, this lightweight joint is corrosion-resistant and can withstand temperatures from -30 °C to +80 °C. Its innovative design allows for easy assembly and disassembly, making it perfect for rotating and swiveling movements. With exceptional resistance to dirt and dust, this angle joint ensures reliable performance in any setting. Choose igubal® for a cost-effective solution that lasts.

General properties

Thread direction	Left-hand thread
Design	removable
Housing material	igumid G
Material ball stud	polymer
Max. pivot angle (α)	23 °
Weight	3.48 g



Mechanical properties

Maximum static pressure load in pin axis, short-term	360 N
Maximum static pressure load in pin axis, long-term	180 N
Maximum static tensile stress in pin axis, short-term	120 N
Maximum static tensile stress in pin axis, long-term	60 N
Max. static radial tensile stress, short-term	120 N
Max. static radial tensile stress, long-term	180 N
Assembly force	40 N

Manufacturing and installation tolerances

h1	10.8 mm
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Dimensions

Ball diameter d1	8 mm
thread d2	M05
Ø d4	12.8 mm
l1	9 mm
l2	10.2 mm
l5	13 mm
l6	6.2 mm
h1	10.8 mm
h3	25.6 mm
a	25 mm
b	31.4 mm
e	11 mm
S1	SW09
S2	SW07

Certificates and standards

