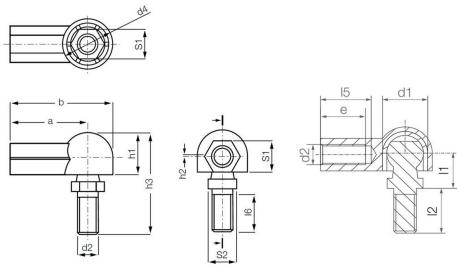


igubal® angle joint with ball stud, low cost

WGLM-05-LC



igubal® angle joint with ball stud, low cost

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

h1	10.8 mm
h3	24.9 mm
l1	9 mm
l2	10.2 mm
b	28.4 mm
e	11 mm
h2	0.65 mm
l5	14 mm
thread d2	M05
S2	SW07
S1	SW08
Ø d4	12.8 mm
l6	6.2 mm
a	22 mm
Part number	WGLM-05-LC
Ball diameter d1	8 mm

Product description

Introducing the igubal® angle joint with ball stud, designed for versatility and durability. Made from igumid G, a tough, long-fiber-reinforced polymer, this joint excels in harsh environments, resisting corrosion, weak acids, and dirt. Weighing very little, it allows for easy installation and provides reliable rotating and swiveling movements. With a temperature range of -30 °C to +80 °C, this low-cost solution is perfect for demanding applications. Experience hassle-free performance with the igubal® angle joint.

General properties

Thread direction	Left-hand thread
Housing material	igumid G
Material ball stud	polymer
Max. pivot angle (α)	25 °
Weight	2.463 g



Mechanical properties

Maximum static pressure load in pin axis, short-term	150 N
Maximum static pressure load in pin axis, long-term	75 N
Maximum static tensile stress in pin axis, short-term	100 N
Maximum static tensile stress in pin axis, long-term	50 N
Max. static radial tensile stress, short-term	140 N
Max. static radial tensile stress, long-term	70 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	14 mm
l6	6.2 mm
h1	10.8 mm
h2	0.65 mm
h3	24.9 mm
a	22 mm
b	28.4 mm
e	11 mm
S1	SW08
S2	SW07

Certificates and standards

