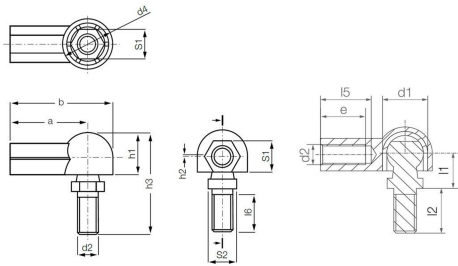


igubal® angle joint with ball cap and ball stud
WGLM-05-MS



igubal® angle joint with ball cap and ball stud

- Thread direction: right/left
- Housing material: igumid G
- Ball stud made of galvanized steel or plastic
- Ball cap material: iglidur® W300
- Connection for rotating and swiveling movements
- Low weight
- Very easy to install
- Vibration-damping
- 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-MS
Ball diameter d1	8 mm

Product description

Discover the igubal® angle joint with ball cap and ball stud, designed for versatile rotating and swiveling movements. Made from igumid G, this lightweight joint is impact-resistant and perfect for long-term use in temperatures from -30 °C to +80 °C. Its ball cap, crafted from iglidur® W300, ensures low friction and minimal stick-slip for smooth operation. Easy to install and insensitive to dirt and dust, this joint also provides effective vibration damping, making it an ideal choice for various applications.

General properties

Thread direction	Left-hand thread
Housing material	igumid G
Material ball stud	galvanised steel
Material spherical cap	igidur® W300
Max. pivot angle (α)	25 °
Weight	6.06 g



Mechanical properties

Maximum static pressure load in pin axis, short-term	200 N
Maximum static pressure load in pin axis, long-term	100 N
Maximum static tensile stress in pin axis, short-term	30 N
Maximum static tensile stress in pin axis, long-term	15 N
Max. static radial tensile stress, short-term	600 N
Max. static radial tensile stress, long-term	300 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