Ball joint, now removable: WGRM-DE and WGLM-DE

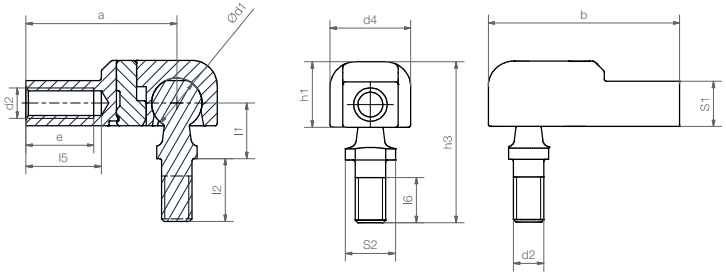
- Cost-effective
- Very low weight
- Absolute corrosion-resistance
- Easy assembly (75 N) and disassembly
- High holding forces in the assembled condition (260 N)
- Ball stud made of plastic on request

Order key

Type			Size	Version	Options
WG	...	M	- 05	DE	
Angled ball and socket joint	Thread	Metric	Inner-Ø [mm]	Disassembly	

Thread
L = left-hand thread
R = right-hand thread

Material:
Housing: **igumid G** ▶ **Page 1235**
Ball stud: **galvanised steel**[20]



Technical data and dimensions [mm]

Part No.		Assembly force	Disassembly force	d1	d2	d4	l1	l2	l5	Weight
Right-hand thread	Left-hand thread			+0.1 –0.1		+0.5 –0.5	+0.2 –0.2	+0.5 –0.5		
		[N]	[N]						Min.	[g]
WGRM-05-DE	WGLM-05-DE	35	200	8.0	M5	12.8	9.0	10.2	13.0	3.4
WGRM-06-DE	WGLM-06-DE	50	275	10.0	M6	16.0	11.0	12.5	14.5	5.5

[20] only available with right-hand thread

Dimensions [mm]

Part No.		l6	h1	h3	S1	S2	a	b	e	Pivot angle	
Right-hand thread	Left-hand thread		+0.4 –0.4	+0.5 –0.5			+0.3 –0.3	+0.5 –0.5	+0.5 –0.5		
		Min.								Recom.	Max.
WGRM-05-DE	WGLM-05-DE	8.2	10.8	25.6	SW9	SW7	25.0	31.4	11.0	18°	25°
WGRM-06-DE	WGLM-06-DE	10.5	13.0	32.0	SW11	SW8	30.0	38.0	12.0	18°	25°

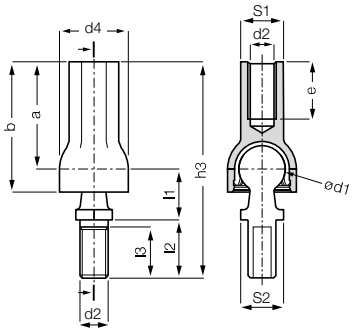
In-line ball and socket joint: AGRM and AGLM

Order key

Type			Size	Options
AG	...	M	- 08	
In-line ball and socket joint	Thread	Metric	Inner-Ø [mm]	

Thread
L = left-hand thread
R = right-hand thread

Material:
Housing: **igumid G** ▶ **Page 1235**
Spherical cap: **iglidur® W300** ▶ **Page 121**



- For all mechanical combinations
- Very easy hand assembly
- Maintenance free operation
- Corrosion-and chemical-resistant
- Good vibration-dampening qualities
- Ball stud made of plastic or metal[19]

Technical data

Part No.		Max. static axial tensile force		Max. static axial compressive force		Max. assembling force	Weight
Right-hand thread	Left-hand thread	Short term	Long term	Short term	Long term		
		[N]	[N]	[N]	[N]	[N]	[g]
AGRM-08	AGLM-08	250	125	1,000	500	110	7.8

[19] Metal stud option: MS = metal stud, only available with right-hand thread. Example: AGRM-08 MS

Dimensions [mm]

Part No.		d1	d2	d4	l1	l2	l3	h3	S1	S2	a	b	e	Pivot angle	
Right-hand thread	Left-hand thread	+0.1 –0.1		+0.5 –0.5	+0.2 –0.2	+0.3 –0.3		+0.5 –0.5			+0.3 –0.3	+0.5 –0.5			
							Min.							Recom.	Max.
AGRM-08	AGLM-08	13.0	M8	19.3	13.0	16.5	13.5	59.0	SW12	SW11	29.5	36.5	16.0	18°	25°