

igubal® Rod Ends | Product Range

Ball and socket joint (low-cost): WGRM LC and WGLM LC



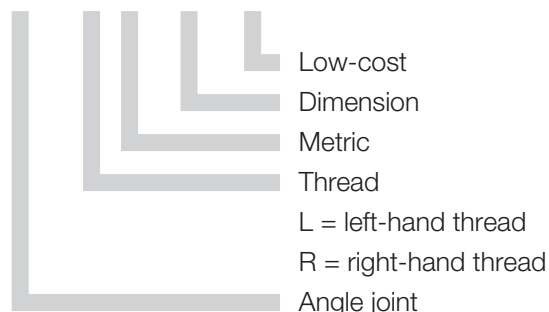
Dimensions as WGRM

- LC (low-cost) version is a two piece assembly with either a plastic or metal stud
- Low weight
- Maintenance-free
- Plastic stud for lowest price, metal stud for highest load



Order key

WG...M-05 LC



Material:

Housing: igumid G ► page 983

Technical Data

Part number		Max. axial tensile force (Ball stud axis*)		Max. axial compressive force (Ball stud axis)		Max. axial tensile force (Housing axis)		Max. axial tensile force in housing axis, with metal ball stud		Weight
Right-h. thread	Left-h. thread	Short time	Long term	Short term	Long term	Short term	Long term	Short term	Long term	[g]
		[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	
WGRM-05 LC	WGLM-05 LC	30	15	200	100	100	50	600	300	2.6
WGRM-06 LC	WGLM-06 LC	35	17.5	300	150	140	70	800	400	4
WGRM-08 LC	WGLM-08 LC	250	125	500	250	200	100	1,500	750	8.2
WGRM-10 LC	WGLM-10 LC	250	125	900	450	400	200	1,900	950	13.8

* MS = metal stud; e.g.: WGRM-05 LC MS

Dimensions [mm] – technical drawing ► page 596

Part number		d1	d2	d4	l1	l2	l5	l6	h1	h2	h3	S1	a	b	e	Piv. angle	
Right-h. thread	Left-h. thread	+0.1	+0.5	+0.2	+0.3				+0.4	+0.5	+0.5		+0.3	+0.5	+0.5	Recom.	Max.
		-0.1	-0.5	-0.2	-0.3	Min.			-0.4	-0.5	-0.5		-0.3	-0.5	-0.5		
WGRM-05 LC	WGLM-05 LC	8.0	M5	12.8	9.0	10.2	14.0	8.2	10.8	0.65	25.6	SW8	22.0	28.4	11.0	18°	25°
WGRM-06 LC	WGLM-06 LC	10.0	M6	14.8	11.0	12.5	16.0	10.5	12.3	0.70	30.9	SW9	25.0	32.4	13.0	18°	25°
WGRM-08 LC	WGLM-08 LC	13.0	M8	19.3	13.0	16.5	18.0	13.5	16.2	1.15	38.8	SW12	30.0	39.7	16.0	18°	25°
WGRM-10 LC	WGLM-10 LC	16.0	M10	24.0	16.0	20.0	20.0	16.0	20.0	1.15	47.0	SW14	35.0	47.0	18.0	18°	25°



delivery available
time from stock



prices price list online
www.igus.eu/eu/wgrm-lc



order Part number
example WGRM-05 LC