



### R3520

BALL & SOCKET JOINTS

#### Material

Housing: Black plastic (Igumid G).  
Stud: Steel, silver zinc plated.

#### Technical Notes

Low weight.  
Maintenance free.

#### Tips

Thread. Stud: Right Hand. Housing: .L for left hand, .R for right hand

#### Important Notes

Plastic stud available on request, (add -PS to part number). Thread is not full

length. There is a min 1.5mm unthreaded shank. If using part without the supplied nut, then please consider a counterbore to accommodate the unthreaded shank.

Order No.	Thread (housing)	d <sub>1</sub> ±0.1	l <sub>1</sub> ±0.3	d <sub>2</sub>	d <sub>3</sub> ±0.5	h <sub>1</sub> ±0.2	h <sub>2</sub> ±0.3	h <sub>3</sub> min.	h <sub>4</sub> ±0.5	h <sub>5</sub> ±0.4	Weight g
R3520.R005	Right	8.0	22.0	M 5	12.8	9.0	10.2	8.2	25.6	10.8	2.6
R3520.R006	Right	10.0	25.0	M 6	14.8	11.0	12.5	10.5	30.9	12.3	4.0
R3520.R008	Right	13.0	30.0	M 8	19.3	13.0	16.5	13.5	38.8	16.2	8.2
R3520.R010	Right	16.0	35.0	M10	24.0	16.0	20.0	16.0	47.0	20.0	13.8
R3520.L005	Left	8.0	22.0	M 5	12.8	9.0	10.2	8.2	25.6	10.8	2.6
R3520.L006	Left	10.0	25.0	M 6	14.8	11.0	12.5	10.5	30.9	12.3	4.0
R3520.L008	Left	13.0	30.0	M 8	19.3	13.0	16.5	13.5	38.8	16.2	8.2
R3520.L010	Left	16.0	35.0	M10	24.0	16.0	20.0	16.0	47.0	20.0	13.8

Order No.	h <sub>6</sub> ±0.5	l <sub>2</sub> ±0.5	l <sub>3</sub>	l <sub>4</sub> ±0.5	A/F	Recommended pivot angle	Pivot angle max.
R3520.R005	0.65	28.4	14.0	11.0	8	18°	25°
R3520.R006	0.70	32.4	16.0	13.0	9	18°	25°
R3520.R008	1.15	39.7	18.0	16.0	12	18°	25°
R3520.R010	1.15	47.0	20.0	18.0	14	18°	25°
R3520.L005	0.65	28.4	14.0	11.0	8	18°	25°
R3520.L006	0.70	32.4	16.0	13.0	9	18°	25°
R3520.L008	1.15	39.7	18.0	16.0	12	18°	25°
R3520.L010	1.15	47.0	20.0	18.0	14	18°	25°