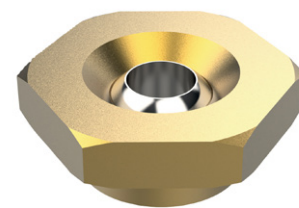
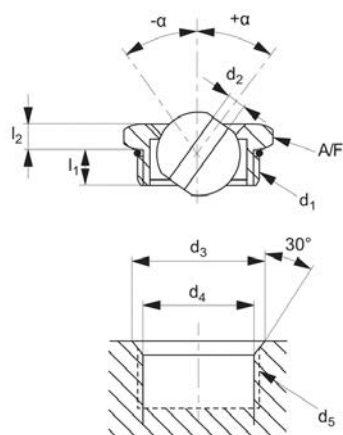




Pressure Max - Spray Tips

max. 100 bar

Coolant Nozzles



20104

COOLANT NOZZLES

Material

Body: brass or stainless steel.
Ball and tube: stainless steel.

Technical Notes

Max. temperature: 70°C.
Max. pressure: 100 bar.
symbol α /symbol is an angle of adjustment
either side of centre line.
Choose the stainless steel body version

when using cutting oils not compatible
with brass (such as oils containing active
sulphur).
Choose the brass versions for lower cost.

Tips

Interchangeable spray tips available allo-
wing the orifice diameter and extension

length to be easily changed to suit the
application.
A high velocity coolant stream increases
productivity and tool life.
Also useful for low pressure applications
where abrasive swarf can be a problem.

Order No.	Body material	d ₁	d ₂	d ₃ max.	d ₄ max.	d ₅	l ₁	l ₂	A/F	α
20104.W2310-B	Brass	5/16"-24 UNF	1.6	8.8	7.1	5/16"-24	3.5	2.3	3/8"	±40°
20104.W2311-B	Brass	5/16"-24 UNF	2.2	8.8	7.1	5/16"-24	3.5	2.3	3/8"	±36°
20104.W2440-B	Brass	7/16"-20 UNF	3.0	12.0	10.0	7/16"-20	4.0	2.3	1/2"	±41°
20104.W2441-B	Brass	7/16"-20 UNF	4.0	12.0	10.1	7/16"-20	4.0	2.3	1/2"	±30°
20104.W2500-B	Brass	1/2"-20 UNF	3.0	13.6	11.6	1/2"-20	4.0	2.3	9/16"	±44°
20104.W2501-B	Brass	1/2"-20 UNF	4.0	13.6	11.7	1/2"-20	4.0	2.3	9/16"	±36°
20104.W2630-B	Brass	5/8"-18 UNF	4.0	16.8	14.7	5/8"-18	5.3	2.3	11/16"	±42°
20104.W2631-B	Brass	5/8"-18 UNF	5.6	16.8	14.7	5/8"-18	5.3	2.3	11/16"	±34°
20104.W2310-S	Stainless Steel	5/16"-24 UNF	1.6	8.8	7.1	5/16"-24	3.5	2.3	3/8"	±40°
20104.W2311-S	Stainless Steel	5/16"-24 UNF	2.2	8.8	7.1	5/16"-24	3.5	2.3	3/8"	±36°
20104.W2440-S	Stainless Steel	7/16"-20 UNF	3.0	12.0	10.1	7/16"-20	4.0	2.3	1/2"	±41°
20104.W2441-S	Stainless Steel	7/16"-20 UNF	4.0	12.0	10.1	7/16"-20	4.0	2.3	1/2"	±30°
20104.W2500-S	Stainless Steel	1/2"-20 UNF	3.0	13.6	11.7	1/2"-20	4.0	2.3	9/16"	±44°
20104.W2501-S	Stainless Steel	1/2"-20 UNF	4.0	13.6	11.7	1/2"-20	4.0	2.3	9/16"	±36°
20104.W2630-S	Stainless Steel	5/8"-18 UNF	4.0	16.8	14.7	5/8"-18	5.3	2.3	11/16"	±42°
20104.W2631-S	Stainless Steel	5/8"-18 UNF	5.6	16.8	14.7	5/8"-18	5.3	2.3	11/16"	±34°

