

A) Brass Ball Coolant Nozzles: Tapped on the ID and held in the Part with a Set Screw. Three ID's available: Straight, Tapped & Angled.



Part Number	OD	ID	Style
BB1011	10mm	.11	Drilled Straight ID
BB1016	10mm	.16	Drilled Straight ID
BB1111	11mm	.11	Drilled Straight ID
BB1116	11mm	.16	Drilled Straight ID
BB1216	12mm	.16	Drilled Straight ID
BB1222	12mm	.22	Drilled Straight ID
BB1416	14mm	.16	Drilled Straight ID
BB1422	14mm	.22	Drilled Straight ID
BB1516	15mm	.16	Drilled Straight ID
BB1522	15mm	.22	Drilled Straight ID
BB2216	22mm	.16	Drilled Straight ID
BB2222	22mm	.22	Drilled Straight ID
BB1/216	1/2"	.16	Drilled Straight ID
BB1/222	1/2"	.22	Drilled Straight ID
BB5/816	5/8"	.16	Drilled Straight ID
BB5/822	5/8"	.22	Drilled Straight ID
BB10M6	10mm	M6x1.0	Tapped ID
BB11M5	11mm	M5x.8	Tapped ID
BB12M5	12mm	M5x.8	Tapped ID
BB14M6	14mm	M6x1.0	Tapped ID
BB15M6	15mm	M6x1.0	Tapped ID
BB22M6	22mm	M6x1.0	Tapped ID
BB1/2M5	1/2"	M5x.8	Tapped ID
BB5/8M6	5/8"	M6x1.0	Tapped ID
BB1011A	10mm	.11	Angled ID
BB1116A	11mm	.16	Angled ID
BB1216A	12mm	.16	Angled ID
BB1416A	14mm	.16	Angled ID
BB1516A	15mm	.16	Angled ID
BB2216A	22mm	.16	Angled ID
BB1/216A	1/2"	.16	Angled ID
BB5/816A	5/8"	.16	Angled ID

B) Black Eye Coolant Nozzles: Easy to Aim. Tapped on the ID and held in the Part with a Set Screw. Two ID's available: Straight & Tapped. Body made of Acetal & Ball of Stainless Steel.



Part Number	OD	ID	Style
BE1011	10mm	.11	Drilled Straight ID
BE1216	12mm	.16	Drilled Straight ID
BE1416	14mm	.16	Drilled Straight ID
BE1516	15mm	.16	Drilled Straight ID
BE1816	18mm	.16	Drilled Straight ID
BE2222	22mm	.22	Drilled Straight ID
BE3/811	3/8"	.11	Drilled Straight ID
BE1/216	1/2"	.16	Drilled Straight ID
BE5/816	5/8"	.16	Drilled Straight ID
BE10M3	10mm	M3.5X.6	Tapped ID
BE12M4	12mm	M4X.7	Tapped ID
BE14M4	14mm	M4X.7	Tapped ID
BE15M4	15mm	M4X.7	Tapped ID
BE18M5	18mm	M5x.8	Tapped ID
BE22M6	22mm	M6x1.0	Tapped ID
BE3/8M3	3/8"	M3.5X.6	Tapped ID
BE1/2M4	1/2"	M4X.7	Tapped ID
BE5/8M4	5/8"	M4x.7	Tapped ID

C) **Bug Eye Coolant Nozzles:** Extended Style. Tapped on the ID and held in the Part with a Set Screw. Two ID's available: Straight & Tapped. Body made of Acetal & Ball of Stainless Steel.

Part Number	OD	ID	Style
BUG1211	12mm	.11	Drilled Straight ID
BUG1216	12mm	.16	Drilled Straight ID
BUG1411	14mm	.11	Drilled Straight ID
BUG1416	14mm	.16	Drilled Straight ID
BUG1511	15mm	.11	Drilled Straight ID
BUG1516	15mm	.16	Drilled Straight ID
BUG2211	22mm	.11	Drilled Straight ID
BUG2216	22mm	.16	Drilled Straight ID
BUG1/211	1/2"	.11	Drilled Straight ID
BUG1/216	1/2"	.16	Drilled Straight ID
BUG5/811	5/8"	.11	Drilled Straight ID
BUG5/816	5/8"	.16	Drilled Straight ID
BUG12M6	12mm	M6X1.0	Tapped ID
BUG14M6	14mm	M6X1.0	Tapped ID
BUG15M6	15mm	M6X1.0	Tapped ID



BUG22M6	22mm	M6x1.0	Tapped ID
BUG1/2M6	1/2"	M6X1.0	Tapped ID
BUG5/8M6	5/8"	M6X1.0	Tapped ID

Press-In Coolant Nozzles

A) **Screw Ball Press-In Coolant Nozzles:** Threaded on the ID and held in the Part when Pressed-In. Body made of Acetal & Ball of Stainless Steel.

Part Number	OD	ID	Style
SB08M3	8mm	M3.5X.6	Tapped ID
SB10M4	10mm	M4X.7	Tapped ID
SB12M5	12mm	M5X.8	Tapped ID
SB14M6	14mm	M6X1.0	Tapped ID
SB15M6	15mm	M6X1.0	Tapped ID



High Pressure Screw-In Coolant Nozzles

A) **Pressure Max Coolant Nozzles: High Velocity Coolant Stream.** Threaded on the Base and Screwed into place. Body made of Brass or Stainless Steel. Straight ID Spray Tip With Length or Extension of .25".

Part Number	Thread	ID	Material
PMB312040	5/16-24 UNF	.040	Brass
PMB312062	5/16-24 UNF	.062	Brass
PMS312040	5/16-24 UNF	.040	Stainless Steel
PMS312062	5/16-24 UNF	.062	Stainless Steel



Part Number	Thread	ID	Material
PMB125040	1/8NPT-BSPT	.040	Brass
PMB125062	1/8NPT-BSPT	.062	Brass
PMB125086	1/8NPT-BSPT	.086	Brass
PMB125117	1/8NPT-BSPT	.117	Brass
PMS125040	1/8NPT-BSPT	.040	Stainless Steel
PMS125062	1/8NPT-BSPT	.062	Stainless Steel
PMS125086	1/8NPT-	.086	Stainless Steel

	BSPT		
PMS125117	1/8NPT-BSPT	.117	Stainless Steel

Please Note: The Extension on these Nozzles are 1.25".

Part Number	Thread	ID	Material
PMB375062	3/8NPT-BSPT	.062	Brass
PMB375086	3/8NPT-BSPT	.086	Brass
PMB375117	3/8NPT-BSPT	.117	Brass
PMB375160	3/8NPT-BSPT	.160	Brass
PMB375220	3/8NPT-BSPT	.220	Brass
PMS375062	3/8NPT-BSPT	.062	Stainless Steel
PMS375086	3/8NPT-BSPT	.086	Stainless Steel
PMS375117	3/8NPT-BSPT	.117	Stainless Steel
PMS375160	3/8NPT-BSPT	.160	Stainless Steel
PMS375220	3/8NPT-BSPT	.220	Stainless Steel

B) **Turret Jet Coolant Nozzles: Universal Coolant Nozzle.** Threaded on the Base and Screwed into place. Body made of Acetal & Ball of Stainless Steel. Straight ID Spray Tip With Length or Extension in 4 Sizes: 0", .25", .50" & 1.25".

Part Number	Thread	ID	Tip Extension Length
TJ12511-0	1/8NPT-BSPT	.11	0
TJ12511-25	1/8NPT-BSPT	.11	.25
TJ12511-50	1/8NPT-BSPT	.11	.50
TJ12511-125	1/8NPT-BSPT	.11	1.25
TJ12516-0	1/8NPT-BSPT	.16	0
TJ12516-50	1/8NPT-BSPT	.16	.50
TJ12516-125	1/8NPT-BSPT	.16	1.25
TJ125M5-0	1/8NPT-BSPT	M5X.8	0



TJ25011-0	1/4NPT-BSPT	.11	0
TJ25011-25	1/4NPT-BSPT	.11	.25
TJ25011-50	1/4NPT-BSPT	.11	.50
TJ25011-125	1/4NPT-BSPT	.11	1.25
TJ25016-0	1/4NPT-BSPT	.16	0
TJ25016-50	1/4NPT-BSPT	.16	.50
TJ25016-125	1/4NPT-BSPT	.16	1.25
TJ250M5-0	1/4NPT-BSPT	M5X.8	0
TJ37511-0	3/8NPT-BSPT	.11	0
TJ37516-25	3/8NPT-BSPT	.16	.25
TJ37516-50	3/8NPT-BSPT	.16	.50
TJ37516-125	3/8NPT-BSPT	.16	1.25
TJ37522-0	3/8NPT-BSPT	.22	0
TJ37522-50	3/8NPT-BSPT	.22	.50
TJ37522-125	3/8NPT-BSPT	.22	1.25
TJ375M6-0	3/8NPT-BSPT	M6X1.0	0

Screw-Lock Coolant Nozzle with Integral Extension Tube

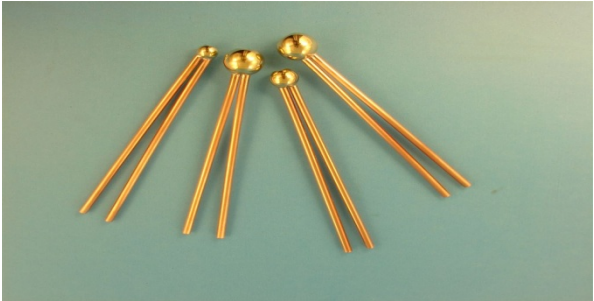
A) **Lolli-Pop Nozzle-Tube Combination Coolant Nozzles:** Screw-Lock Ball with welded Copper Tube - Bendable. Brass Ball with Copper Tube. Straight ID Spray Tip. Copper Tube measures 6" Long.

Part Number	Ball OD	Tubing Size	Tubing ID
LP 9187	9mm	3/16"	.12
LP 10187	10mm	3/16"	.12
LP 11187	11mm	3/16"	.12
LP 12187	12mm	3/16"	.12
LP 12250	12mm	1/4"	.18
LP 14187	14mm	3/16"	.12
LP 14250	14mm	1/4"	.18
LP 15187	15mm	3/16"	.12
LP 15250	15mm	1/4"	.18
LP 18187	18mm	3/16"	.12
LP 18250	18mm	1/4"	.18
LP 22187	22mm	3/16"	.12
LP 22250	22mm	1/4"	.18
LP 3/8187	3/8"	3/16"	.12
LP 1/2187	1/2"	3/16"	.12
LP 1/2250	1/2"	1/4"	.18
LP 5/8187	5/8"	3/16"	.12
LP 5/8250	5/8"	1/4"	.18



B) Twin Pop Nozzle-Tube Combination Coolant

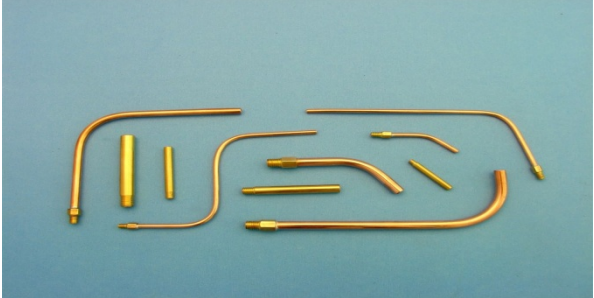
Nozzles: Screw-Lock Ball with 2 welded Copper Tubes - Bendable. Brass Ball with two Copper Tubes. Straight ID Spray Tip. Copper Tube is 6" Long.



Part Number	Ball OD	Tubing Size	Tubing ID
TP 1/2187	1/2"	3/16"	.12
TP 5/8187	5/8"	3/16"	.12
TP 12187	12mm	3/16"	.12
TP 14187	14mm	3/16"	.12
TP 15187	15mm	3/16"	.12
TP 18187	18mm	3/16"	.12
TP 22187	22mm	3/16"	.12

Extension Tubes

A) Extension Tubes: Easy to Install - Aim where you Need! Rigid Brass or Bendable Copper. Brass in varying Lengths & Copper in 6-1/8" Length. Straight ID.



Part Number	Thread	Length	ID	Material
ETM3	M3.5x.6	30mm	2mm	Brass
ETM4	M4x.7	30mm	2mm	Brass
ETM5	M5x.8	40mm	3mm	Brass
ETM6	M6x1.0	50mm	4mm	Brass
ETM7	M7x1.0	55mm	5mm	Brass
ETM8	M8x1.25	55mm	5.5mm	Brass
ET		3/16"		Copper