

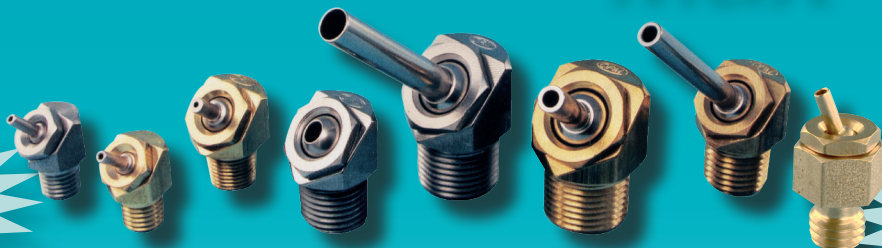
**Pipe
Sizes fit
NPT & BSPT
THREADS**



**RATED
TO
1500 PSI
(100 BAR)**

PressureMax™

**Available in
Brass or
Stainless Steel**



**Available with
extended spray tips
to shoot farther**

HIGH PRESSURE COOLANT NOZZLE FOR CNC MACHINES

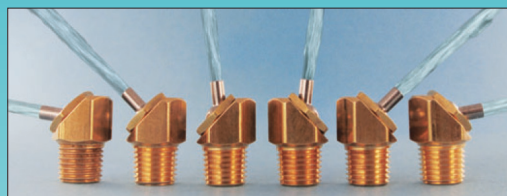
- High velocity coolant stream increases productivity and tool life in machining and grinding operations
- Also ideal for low pressure applications where abrasive swarf is a problem
- Hits any target above mounting plane ■ Interchangeable spray tips available! ■ Easy to aim
- Choose short extensions for tight spaces like CNC Turning Centers and Screw Machines
- Choose stainless steel bodies when using cutting oils not compatible with brass (i.e. oils containing active sulphur)
- Choose brass bodies for economy ■ Pipe sizes fit NPT and BSPT threads ■ 1500 PSI Max (100 bar)
- Longer extensions are a breeze to aim and shoot farther, great for Machining Centers and CNC Multi-Axis Grinders



Short extensions aim easily with aiming tool (included).



Long extensions aim easily by hand.

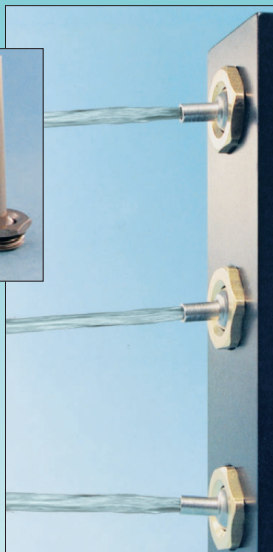


Angled outlet versions can hit just about any target above the mounting plane.



Interchangeable spray tips allow you to easily change orifice size and extension length to suit your application.

PressureMax Spray Tips can be mounted directly to toolholders or manifolds when space is limited, as in screw machine applications. See tables on following pages for port preparation detail.



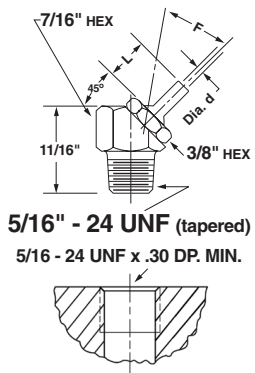
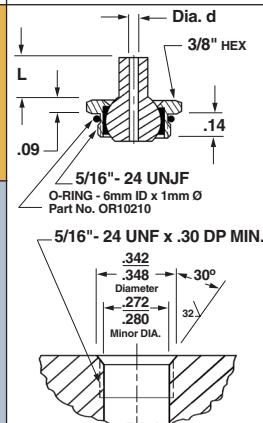
PressureMax nozzle shown in use on CNC turning center. High velocity coolant stream prolongs tool life and aids chip control.



Pressure Max™

Ordering Information: 1. Determine the port thread size required for your machine tool. 2. Choose nozzle body material (brass for general purpose, stainless steel when using cutting oils not compatible with cuprous alloys). 3. Determine orifice diameter required to match your pump's capacity at the desired pressure (refer to table on page 2). 4. Choose the extension length "L" to suit your application (longer extensions give more laminar flow, aim easily and shoot farther, while short extensions are ideal for tight spaces or where stringy swarf is a problem).

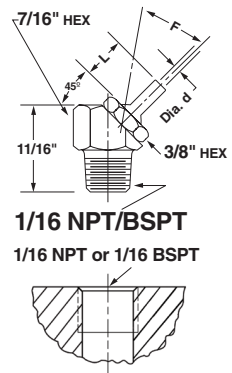
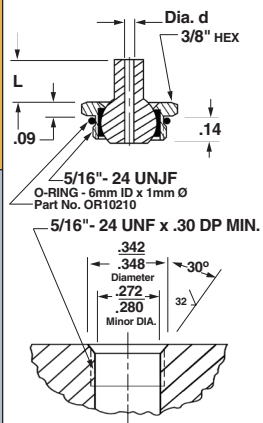
DIMENSIONS IN INCHES (except as noted)

Nominal Size: 5/16" - 24 UNF									
Nozzle & Port Detail	Mtl.	Part No. Complete Nozzle*	Pkg. Qty.	Orifice Dia. "d"	Extension "L"	"F" max (degrees)	Part No. Spray Tip Only	Pkg. Qty.	Spray Tip and Mating Port Detail
 5/16" - 24 UNF (tapered) 5/16 - 24 UNF x .30 DP. MIN.	BRASS	PM07310	5	.040	.25	34°	PMT08410	5	 5/16" - 24 UNJF O-RING - 6mm ID x 1mm Ø Part No. OR10210 5/16" - 24 UNF x .30 DP MIN.
		PM07315	5	.062	0	40°	PMT08415	5	
		PM07320	5	.062	.25	34°	PMT08420	5	
		PM07330	5	.086	0	36°	PMT08430	5	
	STAINLESS	PM07312-SS	5	.040	.25	34°	PMT08412-SS	5	
		PM07316-SS	5	.062	0	40°	PMT08416-SS	5	
		PM07322-SS	5	.062	.25	34°	PMT08422-SS	5	
		PM07332-SS	5	.086	0	36°	PMT08432-SS	5	

*Complete nozzle part no. includes body and spray tip.

Maximum Operating Temperature: 160°F (70°C)
Maximum Pressure: 1500 PSI (100 bar)

DIMENSIONS IN INCHES (except as noted)

Nominal Size: 1/16" NPT/BSPT									
Nozzle & Port Detail	Mtl.	Part No. Complete Nozzle*	Pkg. Qty.	Orifice Dia. "d"	Extension "L"	"F" max (degrees)	Part No. Spray Tip Only	Pkg. Qty.	Spray Tip and Mating Port Detail
 1/16" NPT/BSPT 1/16 NPT or 1/16 BSPT	BRASS	PM11610	5	.040	.25	34°	PMT08410	5	 5/16" - 24 UNJF O-RING - 6mm ID x 1mm Ø Part No. OR10210 5/16" - 24 UNF x .30 DP MIN.
		PM11615	5	.062	0	40°	PMT08415	5	
		PM11620	5	.062	.25	34°	PMT08420	5	
		PM11630	5	.086	0	36°	PMT08430	5	
	STAINLESS	PM11612-SS	5	.040	.25	34°	PMT08412-SS	5	
		PM11616-SS	5	.062	0	40°	PMT08416-SS	5	
		PM11622-SS	5	.062	.25	34°	PMT08422-SS	5	
		PM11632-SS	5	.086	0	36°	PMT08432-SS	5	

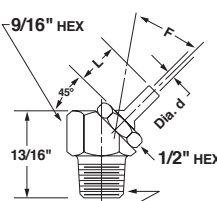
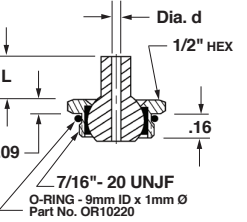
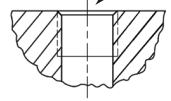
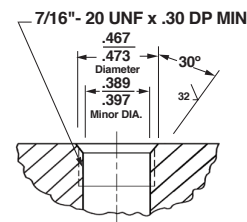
*Complete nozzle part no. includes body and spray tip.

Maximum Operating Temperature: 160°F (70°C)
Maximum Pressure: 1500 PSI (100 bar)



Pressure Max™

DIMENSIONS IN INCHES (except as noted)

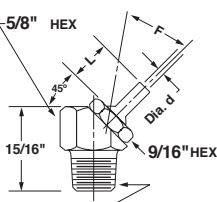
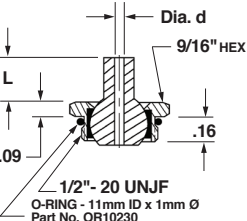
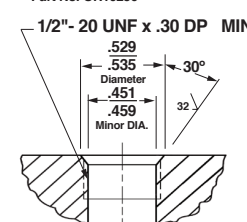
Nominal Size: 1/8 NPT/BSPT									
Nozzle & Port Detail	Mtl.	Part No. Complete Nozzle *	Pkg. Qty.	Orifice Dia. "d"	Extension "L"	"F" max (degrees)	Part No. Spray Tip Only	Pkg. Qty.	Spray Tip and Mating Port Detail
 1/8 NPT/BSPT 1/8 NPT or 1/8 BSPT	BRASS	PM04010	5	.040	.25	37°	PMT05020	5	
		PM05010	5	.062	.25	37°	PMT04510	5	
		PM04022	5	.062	1.25	26°	PMT04514	5	
		PM06010	5	.086	.25	37°	PMT04520	5	
		PM04032	5	.086	1.25	26°	PMT04523	5	
		PM07001	5	.117	0	41°	PMT04525	5	
		PM04038	5	.117	.25	30°	PMT04526	5	
		PM04042	5	.117	1.25	26°	PMT04528	5	
		PM04046	5	.160	0	30°	PMT04534	5	
		PM04012-SS	5	.040	.25	37°	PMT04505-SS	5	
		PM04020-SS	5	.062	.25	37°	PMT04512-SS	5	
		PM04024-SS	5	.062	1.25	26°	PMT04516-SS	5	
		PM04030-SS	5	.086	.25	37°	PMT04522-SS	5	
		PM04034-SS	5	.086	1.25	26°	PMT04524-SS	5	
	STAINLESS	PM04039-SS	5	.117	0	41°	PMT04532-SS	5	
		PM04040-SS	5	.117	.25	30°	PMT04527-SS	5	
		PM04044-SS	5	.117	1.25	26°	PMT04529-SS	5	
		PM04048-SS	5	.160	0	30°	PMT04536-SS	5	

*Complete nozzle part no. includes body and spray tip.

Maximum Operating Temperature: 160°F (70°C)

Maximum Pressure: 1500 PSI (100 bar)

DIMENSIONS IN INCHES (except as noted)

Nominal Size: 1/4 NPT/BSPT									
Nozzle & Port Detail	Mtl.	Part No. Complete Nozzle *	Pkg. Qty.	Orifice Dia. "d"	Extension "L"	"F" max (degrees)	Part No. Spray Tip Only	Pkg. Qty.	Spray Tip and Mating Port Detail
 1/4 NPT/BSPT 1/4 NPT or 1/4 BSPT	BRASS	PM07100	5	.040	.25	36°	PMT07020	5	
		PM07110	5	.062	.25	36°	PMT08010	5	
		PM04122	5	.062	1.25	32°	PMT08014	5	
		PM07120	5	.086	.25	36°	PMT08020	5	
		PM04132	5	.086	1.25	32°	PMT08024	5	
		PM07130	5	.117	0	44°	PMT08030	5	
		PM04139	5	.117	.25	36°	PMT08029	5	
		PM04158	5	.117	.50	36°	PMT08050	5	
		PM04142	5	.117	1.25	32°	PMT08034	5	
		PM07140	5	.160	0	36°	PMT08040	5	
		PM04148	5	.160	.50	32°	PMT08042	5	
		PM04152	5	.160	1.25	32°	PMT08044	5	
		PM04110-SS	5	.040	.25	36°	PMT08005-SS	5	
	STAINLESS	PM04120-SS	5	.062	.25	36°	PMT08012-SS	5	
		PM04124-SS	5	.062	1.25	32°	PMT08016-SS	5	
		PM04130-SS	5	.086	.25	36°	PMT08022-SS	5	
		PM04134-SS	5	.086	1.25	32°	PMT08026-SS	5	
		PM04138-SS	5	.117	0	44°	PMT08028-SS	5	
		PM04140-SS	5	.117	.25	36°	PMT08032-SS	5	
		PM04159-SS	5	.117	.50	36°	PMT08051-SS	5	
		PM04144-SS	5	.117	1.25	32°	PMT08036-SS	5	
		PM04146-SS	5	.160	0	36°	PMT08041-SS	5	
		PM04150-SS	5	.160	.50	32°	PMT08043-SS	5	
		PM04154-SS	5	.160	1.25	32°	PMT08046-SS	5	

*Complete nozzle part no. includes body and spray tip.

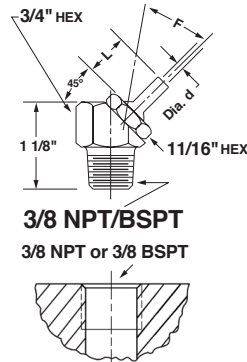
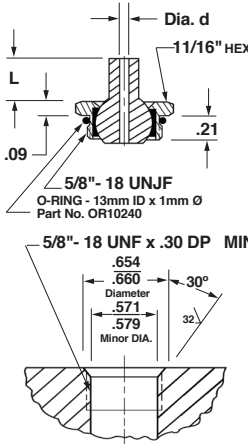
Maximum Operating Temperature: 160°F (70°C)

Maximum Pressure: 1500 PSI (100 bar)



PressureMax™

DIMENSIONS IN INCHES (except as noted)

Nominal Size: 3/8 NPT/BSPT									
Nozzle & Port Detail	Mtl.	Part No. Complete Nozzle*	Pkg. Qty.	Orifice Dia. "d"	Extension "L"	"F" max (degrees)	Part No. Spray Tip Only	Pkg. Qty.	Spray Tip and Mating Port Detail
 3/8 NPT/BSPT 3/8 NPT or 3/8 BSPT	BRASS	PM08210	5	.062	.38	40°	PMT08110	5	
		PM08214	5	.062	1.25	40°	PMT08114	5	
		PM08220	5	.086	.38	40°	PMT08120	5	
		PM08224	5	.086	1.25	40°	PMT08124	5	
		PM08230	5	.117	.50	40°	PMT08130	5	
		PM08234	5	.117	1.25	40°	PMT08134	5	
		PM08238	5	.160	0	42°	PMT08138	5	
		PM08240	5	.160	.50	40°	PMT08140	5	
		PM08244	5	.160	1.25	40°	PMT08144	5	
		PM08258	5	.197	.50	34°	PMT08158	5	
		PM08248	5	.220	0	34°	PMT08148	5	
		PM08250	5	.220	.50	34°	PMT08150	5	
		PM08254	5	.220	1.25	34°	PMT08154	5	
	STAINLESS	PM08212-SS	5	.062	.38	40°	PMT08112-SS	5	
		PM08216-SS	5	.062	1.25	40°	PMT08116-SS	5	
		PM08222-SS	5	.086	.38	40°	PMT08122-SS	5	
		PM08226-SS	5	.086	1.25	40°	PMT08126-SS	5	
		PM08232-SS	5	.117	.50	40°	PMT08132-SS	5	
		PM08236-SS	5	.117	1.25	40°	PMT08136-SS	5	
		PM08239-SS	5	.160	0	42°	PMT08139-SS	5	
		PM08242-SS	5	.160	.50	40°	PMT08142-SS	5	
		PM08246-SS	5	.160	1.25	40°	PMT08146-SS	5	
		PM08260-SS	5	.197	.50	34°	PMT08160-SS	5	
		PM08249-SS	5	.220	0	34°	PMT08149-SS	5	
		PM08252-SS	5	.220	.50	34°	PMT08152-SS	5	
		PM08256-SS	5	.220	1.25	34°	PMT08156-SS	5	

*Complete nozzle part no. includes body and spray tip.

Maximum Operating Temperature: 160°F (70°C)

Maximum Pressure: 1500 PSI (100 bar)

DIMENSIONS IN INCHES (except as noted)

Nominal Size: M6, M8, M10											
Nozzle & Port Detail	Mtl.	Size "E"	Part No. Complete Nozzle*	Pkg. Qty.	Orifice Dia. "d"	Extension "L"	A	"F" max (degrees)	Part No. Spray Tip Only	Pkg. Qty.	Spray Tip and Mating Port Detail
	STAINLESS	M6x1	PM22012-SS	5	.040	.25	.30	34°	PMT08412-SS	5	
			PM22016-SS	5	.062	0	.30	40°	PMT08416-SS	5	
			PM22022-SS	5	.062	.25	.30	34°	PMT08422-SS	5	
			PM22032-SS	5	.086	0	.30	36°	PMT08432-SS	5	
		M8x1.25	PM22112-SS	5	.040	.25	.33	34°	PMT08412-SS	5	
			PM22116-SS	5	.062	0	.33	40°	PMT08416-SS	5	
			PM22122-SS	5	.062	.25	.33	34°	PMT08422-SS	5	
			PM22132-SS	5	.086	0	.33	36°	PMT08432-SS	5	
		M10x1.25	PM22212-SS	5	.040	.25	.36	34°	PMT08412-SS	5	
			PM22216-SS	5	.062	0	.36	40°	PMT08416-SS	5	
			PM22222-SS	5	.062	.25	.36	34°	PMT08422-SS	5	
			PM22232-SS	5	.086	0	.36	36°	PMT08432-SS	5	
		M10x1.5	PM22312-SS	5	.040	.25	.36	34°	PMT08412-SS	5	
			PM22316-SS	5	.062	0	.36	40°	PMT08416-SS	5	
			PM22322-SS	5	.062	.25	.36	34°	PMT08422-SS	5	
			PM22332-SS	5	.086	0	.36	36°	PMT08432-SS	5	

*Complete nozzle part no. includes body and spray tip.

Maximum Operating Temperature: 160°F (70°C)

Maximum Pressure: 1500 PSI (100 bar)

WE RESERVE THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE OR OBLIGATION.