



Available with **FixedFlow** or **VariFlow** end nozzles

SwivelMax™

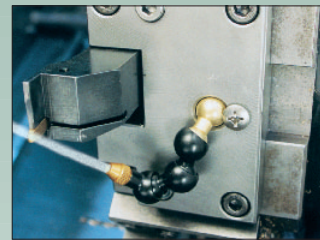
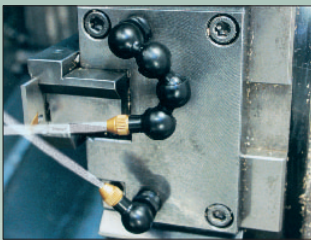
RATED TO 100 PSI
(6.7 BAR)

Each joint swivels an incredible 72° either side of centerline



MODULAR COOLANT NOZZLE SYSTEM FOR CNC AND MANUAL MACHINE TOOLS

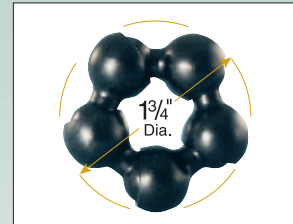
- Extremely versatile system with incredible range of motion in each joint
- Compact design is ideal for tight spaces
- Available with **FixedFlow** or **VariFlow** nozzles and interchangeable orifices
- Rated to 100 PSI (6.7 bar) maximum
- Available with threaded or spherical bases
- Vibration resistant joints provide superior reliability in CNC lathe turrets where inertial forces are high



SwivelMax system with **FixedFlow** end nozzles is ideal for CNC lathes due to its compactness and flexibility.



VariFlow end nozzles enable infinite flow control from full shutoff to full flow with fingertip control. They are ideal for manual and CNC mills.



SwivelMax links swivel 72° either side of centerline enabling it to come full circle within a 1 3/4" inscribed circle.

ORDERING INFORMATION

SwivelMax components can be ordered in packages using the Part No.'s below (pliers SM02910 are required for assembly and disassembly). They can also be ordered pre-assembled in a wide variety of configurations. To order pre-assembled nozzles, specify the type of base, the number of intermediate links, end nozzle and orifice diameter as per examples below.

Example 1

L - 3 - V 3



Base			
Type	Size "E"	Part No.	Configuration
G	10mm BALL	SM02505	 Material: Brass
A	12mm BALL	SM02510	
B	14mm BALL	SM02515	
C	15mm BALL	SM02520	
D	22mm BALL	SM02525	
E	1/2" BALL	SM02530	
F	5/8" BALL	SM02535	Material: Brass
K	1/8 NPT/BSPT	SM02540	 Material: Acetal
L	1/4 NPT/BSPT	SM02545	
M	M10 x 1.25	SM02550	
N	M10 x 1.5	SM02555	
P	M12 x 1.25	SM02560	
Q	M12 x 1.75	SM02565	
R	M14 x 1.0	SM02570	
S	M14 x 2.0	SM02575	

VariFlow End Nozzle

Type	Part No.	Configuration
V	SM02810	 Material: Acetal

Intermediate Links

Part No.	Configuration
SM02610	 Specify Number 0-9 Material: Acetal

FixedFlow End Nozzle

Type	Part No.	Configuration
F	SM02710	 Material: Acetal

VariFlow Spray Tips (for Type V Nozzles only)

Type	Part No.	Orifice Dia. d	Color	Configuration
1	SM02820	.086"	Blue	 Material: Aluminum
2	SM02830	.117"	Gold	
3	SM02840	.160"	Silver	
	SM02850	Variety Pack contains one each of above		

Maximum Pressure: 100 PSI (6.7 bar) max.

Maximum Operating Temperature: 110°F

Inside Diameter: .20 inches

FixedFlow Spray Tips (for Type F Nozzles only)

Type	Part No.	Orifice Dia. d	Color	Configuration
1	SM02720	.062"	Red	 Material: Aluminum
2	SM02730	.086"	Blue	
3	SM02740	.117"	Gold	
4	SM02750	.160"	Silver	
	SM02760	Variety Pack contains one each of above		

Example 2

D - 2 - F 3



Reversing Link

Part No.	Configuration
SM02620	 allows bases to be used on both ends.



Part No. SM02910

Assembly Pliers

These are a must to assemble or disassemble **SwivelMax** parts. High quality construction with lifetime warranty.



Build Your Own

You can order **SwivelMax** components separately and assemble them yourself with **SwivelMax** assembly pliers. This gives you maximum flexibility and economy.



Reversing Link

Allows bases to be used on both ends of assembled **SwivelMax** line; ideal for plumbing coolant to insert drills (not available pre-assembled).