

A-S Manufacturing, Inc.

**Manufacturers of TeK-Spray™,
POLARAS™ and EconMizer™
“Airless Spray” Lubricant Application Systems**

**Spray
Assemblies**



**P.O. Box 31388
Independence, OH 44131-0388
800 659-1540 -Toll Free
216 476-0654 - Local
customerservice@asmfg.net -E-mail
www.asmfg.net -Website**

Basic Spray Assembly



The **Basic Spray Assembly** allows the user to design their own mount that meets their requirements.

Each assembly includes:

Spray Nozzle (specify tip)
Female Connector
10' Spray Line Tubing
Quick Disconnect Plug, Male

#BSA01 with 110° Fan Tip

#BSA04 with 25° Fan Tip

#BSA07 with TG1 Cone Tip

#BSA10 with TG0.3 Cone Tip

#BSA02 with 80° Fan Tip

#BSA05 with 15° Fan Tip

#BSA08 with TG0.7 Cone Tip

#BSA11 with .0003 Pinpoint Tip

#BSA03 with 50° Fan Tip

#BSA06 with TG2 Cone Tip

#BSA09 with TG0.5 Cone Tip

#BSA12 with .0001 Pinpoint Tip

To Order Call 1-800-659-1540

A-S MANUFACTURING INC.

Fixed Based Swivel Nozzle Bracket Spray Assembly



The **Fixed Based Swivel Nozzle Bracket Spray Assembly** mounts to a surface near or on the die and provides for ease of set up and quick adjustment.

Each assembly includes:

Swivel Nozzle Bracket with 1/4-20x1-1/2" Stainless Steel Socket Head Screw, 1/4-20x 1/2" Hex Bolt and 1/4" Lock Washer
Spray Nozzle (specify tip)
1/8" NPT Quick Disconnect Plug, Male
Quick Disconnect Coupling with Tube Compression
10' Spray Line Tubing
Quick Disconnect Plug, Male

#FBSNBR01 with 110° Fan Tip

#FBSNBR02 with 80° Fan Tip

#FBSNBR03 with 50° Fan Tip

#FBSNBR04 with 25° Fan Tip

#FBSNBR05 with 15° Fan Tip

#FBSNBR06 with TG2 Cone Tip

#FBSNBR07 with TG1 Cone Tip

#FBSNBR08 with TG0.7 Cone Tip

#FBSNBR09 with TG0.5 Cone Tip

#FBSNBR10 with TG0.3 Cone Tip

#FBSNBR11 with .0003 Pinpoint Tip

#FBSNBR12 with .0001 Pinpoint Tip

To Order Call 1-800-659-1540

A-S MANUFACTURING INC.

QuickChange™ Fixed Based Spray Assembly



The **QuickChange™ Fixed Based Spray Assembly** was designed to be mounted to the die or a surface near the die. Quick connect fittings promote ease of set up.

Each assembly includes:

L Shaped Mounting Bracket
Spray Nozzle (specify tip)
45° 1/8" NPT Elbow
1/8" NPT Female Quick Disconnect Plug
Quick Disconnect Coupling to Tube Compression
10' Spray Line Tubing
Quick Disconnect Plug, Male

#QCFB01 with 110° Fan Tip

#QCFB02 with 80° Fan Tip

#QCFB03 with 50° Fan Tip

#QCFB04 with 25° Fan Tip

#QCFB05 with 15° Fan Tip

#QCFB06 with TG2 Cone Tip

#QCFB07 with TG1 Cone Tip

#QCFB08 with TG0.7 Cone Tip

#QCFB09 with TG0.5 Cone Tip

#QCFB10 with TG0.3 Cone Tip

#QCFB11 with .0003 Pinpoint Tip

#QCFB12 with .0001 Pinpoint Tip

To Order Call 1-800-659-1540

A-S MANUFACTURING INC.

Fixed Based Swivel Nozzle Block Spray Assembly



The **Fixed Based Spray Nozzle Block Spray Assembly** mounts to the die or a surface near the die. It promotes lubricant application at a precise location.

Each assembly includes:

Nozzle Block with 1/4-20x7/8" Stainless Steel Threaded Stud
L Shaped Mounting Bracket with 1/4-20 Hex Nut, 1/4" Flat & 1/4" Lock Washer
Spray Nozzle (specify tip)
1/8" NPT Quick Disconnect Plug, Male
Quick Disconnect Coupling with 1/4" Tube Compression
10' Spray Line Tubing
Quick Disconnect Plug, Male

#FBNB01 with 110° Fan Tip

#FBNB02 with 80° Fan Tip

#FBNB03 with 50° Fan Tip

#FBNB04 with 25° Fan Tip

#FBNB05 with 15° Fan Tip

#FBNB06 with TG2 Cone Tip

#FBNB07 with TG1 Cone Tip

#FBNB08 with TG0.7 Cone Tip

#FBNB09 with TG0.5 Cone Tip

#FBNB10 with TG0.3 Cone Tip

#FBNB11 with .0003 Pinpoint Tip

#FBNB12 with .0001 Pinpoint Tip

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A-S MANUFACTURING INC.

Magnetic Based Spray Assembly



The **Magnetic Based Spray Assembly** mounts to a surface near the die for ease of set up. The red Flexible Arm mounts onto the Disk Magnet vertically or horizontally promoting quick and easy adjustment.

Each assembly includes:

Spray Nozzle (Specify Tip), Female Connector, Compression Nozzle Adapter, Flexible Arm in 6", 12", 18" and 24" Lengths, Anti-Crimp Spring, Disk Type Magnetic Base, 10' Spray Line Tubing and Quick Disconnect Plug, Male.

To Order Call 1-800-659-1540

A-S MANUFACTURING INC.

Magnetic Based Spray Assembly

#MBSA0601 with 110° Fan Tip

#MBSA0604 with 25° Fan Tip

#MBSA0607 with TG1 Cone Tip

#MBSA0610 with TG0.3 Cone Tip

#MBSA0602 with 80° Fan Tip

#MBSA0605 with 15° Fan Tip

#MBSA0608 with TG0.7 Cone Tip

#MBSA0611 with .0003 Pinpoint Tip

#MBSA0603 with 50° Fan Tip

#MBSA0606 with TG2 Cone Tip

#MBSA0609 with TG0.5 Cone Tip

#MBSA0612 with .0001 Pinpoint Tip

#MBSA1201 with 110° Fan Tip

#MBSA1204 with 25° Fan Tip

#MBSA1207 with TG1 Cone Tip

#MBSA1210 with TG0.3 Cone Tip

#MBSA1202 with 80° Fan Tip

#MBSA1205 with 15° Fan Tip

#MBSA1208 with TG0.7 Cone Tip

#MBSA1211 with .0003 Pinpoint Tip

#MBSA1203 with 50° Fan Tip

#MBSA1206 with TG2 Cone Tip

#MBSA1209 with TG0.5 Cone Tip

#MBSA1212 with .0001 Pinpoint Tip

#MBSA1801 with 110° Fan Tip

#MBSA1804 with 25° Fan Tip

#MBSA1807 with TG1 Cone Tip

#MBSA1810 with TG0.3 Cone Tip

#MBSA1802 with 80° Fan Tip

#MBSA1805 with 15° Fan Tip

#MBSA1808 with TG0.7 Cone Tip

#MBSA1811 with .0003 Pinpoint Tip

#MBSA1803 with 50° Fan Tip

#MBSA1806 with TG2 Cone Tip

#MBSA1809 with TG0.5 Cone Tip

#MBSA1812 with .0001 Pinpoint Tip

#MBSA2401 with 110° Fan Tip

#MBSA2404 with 25° Fan Tip

#MBSA2407 with TG1 Cone Tip

#MBSA2410 with TG0.3 Cone Tip

#MBSA2402 with 80° Fan Tip

#MBSA2405 with 15° Fan Tip

#MBSA2408 with TG0.7 Cone Tip

#MBSA2411 with .0003 Pinpoint Tip

#MBSA2403 with 50° Fan Tip

#MBSA2406 with TG2 Cone Tip

#MBSA2409 with TG0.5 Cone Tip

#MBSA2412 with .0001 Pinpoint Tip

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A-S MANUFACTURING INC.

Heavy Duty Magnetic Based Spray Assembly



The **Heavy Duty Magnetic Based Spray Assembly** attaches to a surface near the die and promotes quick set up and ease of adjustment. The Heavy Duty Magnet resists movement from vibration generated in drawing/stamping operation.

Each assembly includes:

Spray Nozzle (Specify Tip), Female Connector, Compression Nozzle Adapter, Flexible Arm in 6", 12" , 18" and 24" Lengths, Anti-Crimp Spring, Heavy-Duty Magnetic Base with Release Lever, 10' Spray Line Tubing and Quick Disconnect Plug, Male.

To Order Call 1-800-659-1540

A-S MANUFACTURING INC.

Heavy Duty Magnetic Based Spray Assembly

#MBHDSA0601 with 110° Fan Tip

#MBHDSA0604 with 25° Fan Tip

#MBHDSA0607 with TG1 Cone Tip

#MBHDSA0610 with TG0.3 Cone Tip

#MBHDSA0602 with 80° Fan Tip

#MBHDSA0605 with 15° Fan Tip

#MBHDSA0608 with TG0.7 Cone Tip

#MBHDSA0611 with .0003 Pinpoint Tip

#MBHDSA0603 with 50° Fan Tip

#MBHDSA0606 with TG2 Cone Tip

#MBHDSA0609 with TG0.5 Cone Tip

#MBHDSA0612 with .0001Pinpoint Tip

#MBHDSA1201 with 110° Fan Tip

#MBHDSA1204 with 25° Fan Tip

#MBHDSA1207 with TG1 Cone Tip

#MBHDSA1210 with TG0.3 Cone Tip

#MBHDSA1202 with 80° Fan Tip

#MBHDSA1205 with 15° Fan Tip

#MBHDSA1208 with TG0.7 Cone Tip

#MBHDSA1211 with .0003 Pinpoint Tip

#MBHDSA1203 with 50° Fan Tip

#MBHDSA1206 with TG2 Cone Tip

#MBHDSA1209 with TG0.5 Cone Tip

#MBHDSA1212 with .0001Pinpoint Tip

#MBHDSA1801 with 110° Fan Tip

#MBHDSA1804 with 25° Fan Tip

#MBHDSA1807 with TG1 Cone Tip

#MBHDSA1810 with TG0.3 Cone Tip

#MBHDSA1802 with 80° Fan Tip

#MBHDSA1805 with 15° Fan Tip

#MBHDSA1808 with TG0.7 Cone Tip

#MBHDSA1811 with .0003 Pinpoint Tip

#MBHDSA1803 with 50° Fan Tip

#MBHDSA1806 with TG2 Cone Tip

#MBHDSA1809 with TG0.5 Cone Tip

#MBHDSA1812 with .0001Pinpoint Tip

#MBHDSA2401 with 110° Fan Tip

#MBHDSA2404 with 25° Fan Tip

#MBHDSA2407 with TG1 Cone Tip

#MBHDSA2410 with TG0.3 Cone Tip

#MBHDSA2402 with 80° Fan Tip

#MBHDSA2405 with 15° Fan Tip

#MBHDSA2408 with TG0.7 Cone Tip

#MBHDSA2411 with .0003 Pinpoint Tip

#MBHDSA2403 with 50° Fan Tip

#MBHDSA2406 with TG2 Cone Tip

#MBHDSA2409 with TG0.5 Cone Tip

#MBHDSA2412 with .0001Pinpoint Tip

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A-S MANUFACTURING INC.

Heavy Duty Fixed Based Rod/Clamp Spray Assembly



The **Heavy Duty Fixed Based Rod/Clamp Spray Assembly** was designed for quick and easy adjustment.

Each assembly includes:

Female Spray Nozzle (Specify Tip)
Stainless Steel Oil Tube with 1/8" NPT Ends
1/8" NPT Quick Disconnect Plug, Male
Swivel Clamp Assembly
Stainless Steel Vertical Post
Fixed Mounting Base
Quick Disconnect Coupling with Tube Compression
10' Spray Line Tubing
Quick Disconnect Plug, Male

#FBHDRM01 with 110° Fan Tip

#FBHDRM02 with 80° Fan Tip

#FBHDRM03 with 50° Fan Tip

#FBHDRM04 with 25° Fan Tip

#FBHDRM05 with 15° Fan Tip

#FBHDRM06 with TG2 Cone Tip

#FBHDRM07 with TG1 Cone Tip

#FBHDRM08 with TG0.7 Cone Tip

#FBHDRM09 with TG0.5 Cone Tip

#FBHDRM10 with TG0.3 Cone Tip

#FBHDRM11 with .0003 Pinpoint Tip

#FBHDRM12 with .0001 Pinpoint Tip

To Order Call 1-800-659-1540

A-S MANUFACTURING INC.

Heavy Duty Magnetic Based Rod/Clamp Spray Assembly



The **Heavy Duty Magnetic Based Rod/Clamp Spray Assembly** Mounts to a surface near the die and provides for quick and easy adjustment of the Spray Tube up and down the post and angle change.

Each assembly includes:

Female Spray Nozzle (Specify Tip)
Oil Tube with 1/8" NPT Ends
1/8" NPT Quick Disconnect Plug, Male
Swivel Clamp Assembly
Stainless Steel Vertical Post
Heavy Duty Magnetic Base
Quick Disconnect Coupling with Tube Compression
10' Spray Line Tubing
Quick Disconnect Plug, Male

#MBHDRM01 with 110° Fan Tip

#MBHDRM02 with 80° Fan Tip

#MBHDRM03 with 50° Fan Tip

#MBHDRM04 with 25° Fan Tip

#MBHDRM05 with 15° Fan Tip

#MBHDRM06 with TG2 Cone Tip

#MBHDRM07 with TG1 Cone Tip

#MBHDRM08 with TG0.7 Cone Tip

#MBHDRM09 with TG0.5 Cone Tip

#MBHDRM10 with TG0.3 Cone Tip

#MBHDRM11 with .0003 Pinpoint Tip

#MBHDRM12 with .0001 Pinpoint Tip

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A-S MANUFACTURING INC.

Magnetic Based Swivel Nozzle Bracket



The **Magnetic Based Swivel Nozzle Bracket Spray Assembly** was designed for ease of set up and quick adjustment.

Each assembly includes:

Swivel Nozzle Bracket Assembly with 1/4-20x1-1/2" Stainless Steel Socket Head Cap Screw, 1/4-20 x 1/2 Hex Bolt and 1/4" Lock Washer

Z Bracket with 1/4-20x1/2 Hex Bolt , 1/4" Lock Washer and 1/4" Hex Nut

Spray Nozzle (specify tip)

1/8" NPT Quick Disconnect Plug, Male

Disk Type Magnetic Base

Quick Disconnect Coupling with Tube Compression

10' Spray Line Tubing

Quick Disconnect Plug, Male

#MBSNBR01 with 110° Fan Tip

#MBSNBR02 with 80° Fan Tip

#MBSNBR03 with 50° Fan Tip

#MBSNBR04 with 25° Fan Tip

#MBSNBR05 with 15° Fan Tip

#MBSNBR06 with TG2 Cone Tip

#MBSNBR07 with TG1 Cone Tip

#MBSNBR08 with TG0.7 Cone Tip

#MBSNBR09 with TG0.5 Cone Tip

#MBSNBR10 with TG0.3 Cone Tip

#MBSNBR11 with .0003 Pinpoint Tip

#MBSNBR12 with .0001 Pinpoint Tip

To Order Call 1-800-659-1540

A-S MANUFACTURING INC.

Magnetic Based Swivel Nozzle Block



The **Magnetic Based Swivel Nozzle Block Spray Assembly** mounts to a surface near the die and provides quick set up and easy adjustment.

Each assembly includes:

Swivel Nozzle Block with 1/4-20x7/8" Stainless Steel Threaded Stud, Lock Washer and Nut
L Bracket with 1/4 -20 x1/2" Hex Bolt, 1/4" Lock Washer and 1/4" Hex Nut
Spray Nozzle (Specify Tip)
1/8" NPT Quick Disconnect Plug, Male
Disk Type Magnetic Base
Quick Disconnect Coupling with Tube Compression
10' Spray Line Tubing
Quick Disconnect Plug, Male

#MBSNBL01 with 110° Fan Tip

#MBSNBL02 with 80° Fan Tip

#MBSNBL03 with 50° Fan Tip

#MBSNBL04 with 25° Fan Tip

#MBSNBL05 with 15° Fan Tip

#MBSNBL06 with TG2 Cone Tip

#MBSNBL07 with TG1 Cone Tip

#MBSNBL08 with TG0.7 Cone Tip

#MBSNBL09 with TG0.5 Cone Tip

#MBSNBL10 with TG0.3 Cone Tip

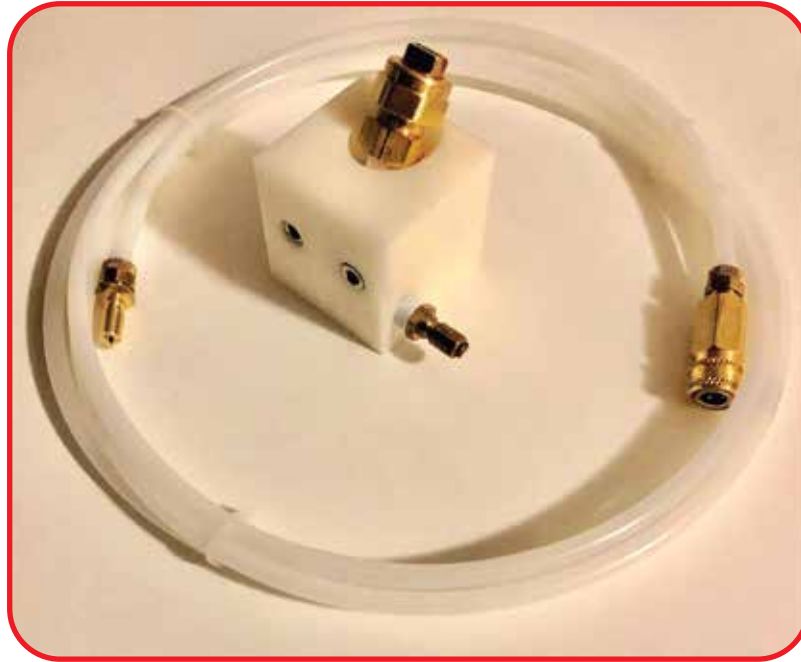
#MBSNBL11 with .0003 Pinpoint Tip

#MBSNBL12 with .0001 Pinpoint Tip

To Order Call 1-800-659-1540

A-S MANUFACTURING INC.

Delrin® Nozzle Cube Spray Assembly



The **Delrin® Nozzle Cube Spray Assembly** promotes lubricant application to a precise location of the die by attaching the Delrin® Cube on or near the die. The spray line has a quick connect/disconnect fitting that plugs into the Delrin® Cube . The other end attaches to a lubrication system's pump for quick set up and tear down.

Part #DNCSA01 through DNCSA12 (Specify Tip)

Each assembly includes:

Delrin® 45° 2-1/2" x 2-1/2" Nozzle Cube
1/8" Pipe Plug
Spray Nozzle (specify tip)
1/8" NPT Quick Disconnect Plug , Male
Quick Disconnect Coupling with Tube Compression
10' Spray Line Tubing
Quick Disconnect Plug, Male

To Order Call 1-800-659-1540

A-S MANUFACTURING INC.

Quick Disconnect Coupling Spray Assembly



The **Quick Disconnect Coupling Spray Assembly** provides quick set up and tear down. It is typically used where one end attaches to a lubrication system's pump and the other to a specialty spray nozzle assembly or a manifold.

Part #QDCSA01

Each assembly includes:

Quick Coupling with Tube Compression
10' Spray Line Tubing
Quick Disconnect Plug, Male

To Order Call 1-800-659-1540

A-S MANUFACTURING INC.

Quick Disconnect Plug Spray Assembly



The **Quick Disconnect Plug Spray Assembly** promotes quick set up and tear down. It is typically used where one end attaches to a lubrication system's pump and the other to a specialty spray nozzle assembly or a manifold.

Part #QDPSA01

Each assembly includes:

Quick Disconnect Plug , Male at each end
10' Spray Line Tubing

To Order Call 1-800-659-1540

A-S MANUFACTURING INC.

Spray Tip Coverage

SPRAY TIP

PATTERN

110° Flat Fan	15" x 2" Used for Large Area Coverage
80° Flat Fan	11" x 2" Used for Medium to Large Area Coverage
50° Flat Fan	8" x 1 - 3/4" Used for Medium Area Coverage
25° Flat Fan	4" x 1" Used for Small Area Coverage
15° Flat Fan	2" x 1" Used for Minimal Area Coverage
TG2 Full Cone	5" Round Used for Larger Curved Areas and Large Lubricant Volume
TG1 Full Cone	4" Round Used for Medium Curved Areas and Medium Lubricant Volume
TG0.7 Full Cone	2" Round Used for Small to Medium Curved Areas and Low Lubricant Volume
TG0.5 Full Cone	1" Round Used for Small Curved Areas and Low Lubricant Volume
TG0.3 Full Cone	1/2" Round Used for Small Curved Areas and Minimal Lubricant Volume
.0003 Pinpoint	Stream, Medium Volume. Used for Isolated Areas
.0001 Pinpoint	Stream, Low Volume. Used for Small Isolated Areas

All spray pattern testing was performed with soluble oil, diluted with water, at a 4:1 ratio. Any increase in viscosity will alter the spray coverage. The air pressure was set at 80 P.S.I. during the testing. These coverage dimensions are based on the spray tips mounted at a 90° angle, 6 inches away from the material being sprayed. The above chart is to be used as a point of reference for gauging lubricant coverage. Coverages may vary.

Please Note: Due to their design, Full Cone Tips cannot be used when applying straight oil products.

To Order Call 1-800-659-1540

A-S MANUFACTURING INC.

Splitter Block Assembly



The **Splitter Block Assembly** is used to divert the fluid of one spray line into two areas. Part #SBA01

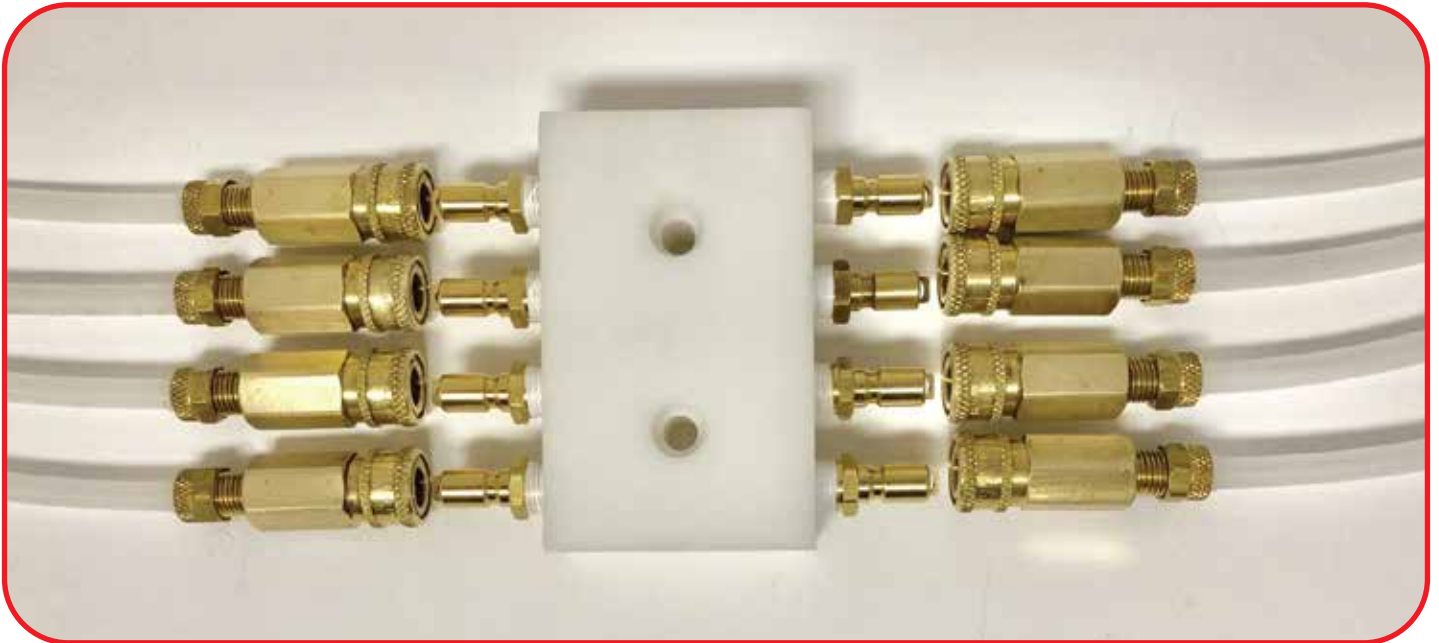
Each assembly includes:

- (1) One In/Two Out 1/8" NPT Threaded Delrin Splitter Block
- (3) 1/8" NPT Quick Disconnect Plug, Male
- (3) Quick Disconnect Coupling with Tube Compression
- (3) 10' Spray Line Tubing
- (3) Quick Disconnect Plug, Male

To Order Call 1-800-659-1540

A-S MANUFACTURING INC.

Delrin 6 Inlet/Outlet Manifold Block Assembly



The **Delrin 6 Inlet/Outlet Manifold Block Assembly** (also available in 2, 3, and 4 through hole) is used to reduce set up time of Spray Assemblies when changing from one die to another. **Part #MBADEL06**

Each assembly includes:

- (1) Delrin 6 Inlet/Outlet 1/8" NPT Threaded Manifold Block
- (6) 1/8" NPT Quick Disconnect Plug, Male
- (6) Quick Disconnect Coupling with Tube Compression
- (12) 10' Spray Line Tubing
- (12) Quick Disconnect Plug, Male

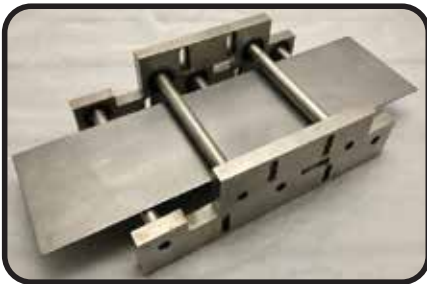
Please Note: Quantities vary depending upon which Manifold Block is ordered.

To Order Call 1-800-659-1540

A-S MANUFACTURING INC.

LubriStrip™

For the application and recirculation of die lubricants



- Reduce lubricant waste and cost
- Improve housekeeping around the pressroom
- Available in various widths from 6" up to 72"
- Custom fabricated to fit virtually any application
- Rugged stainless steel construction

The **LubriStrip™ Spray Cabinet Enclosures** are designed to mount directly to a feed cabinet or in the press window. The user is assured of top and bottom application while minimizing lubricant waste.

Spray nozzles are located inside the enclosure, top and bottom for edge to edge coverage. Quick connect fittings are utilized for easy set up at the enclosure and at the pump.

The cover is hinged for easy access to the inside of the enclosure and mounting tab locations will vary depend upon the application. Wiper brushes at the entry and exit ends ensure that lubricant will be applied smoothly, while acting as a shield to keep any excess fluids inside the enclosure. Any excess fluids are re-circulated back to the **TeK-Spray™, POLARAS™, or EconoMizer™ Lubrication System** for reuse.

Stock Roller Guides

Optional Stock Roller Guides located within the **LubriStrip™ Spray Cabinet Enclosure** support the strip or coil on center line of the feeder while the metal passes through.



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