



LIST PRICES

Effective October 1, 2026

Subject to change
without notice

Hydraulic Manifolds & Manifold Accessories
Price List



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Magnaloy coupling company 170 N Industrial Hwy., Alpena, MI 49707 989-356-2186

A Division of Douville Johnston Corporation

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C



D03 Standard Flow Bar Manifolds - Parallel

Parallel

ALUMINUM (2.00" Valve Spacing)

Part Number	Price
BM-ASP03X2-01-1/Z	\$104.00
BM-ASP03X2-02-1/Z	\$129.00
BM-ASP03X2-03-1/Z	\$170.00
BM-ASP03X2-04-1/Z	\$216.00
BM-ASP03X2-05-1/Z	\$257.00
BM-ASP03X2-06-1/Z	\$295.00
BM-ASP03X2-07-1/Z	\$338.00
BM-ASP03X2-08-1/Z	\$393.00
BM-ASP03X2-09-1/Z	\$445.00
BM-ASP03X2-10-1/Z	\$474.00

STEEL (2.00" Valve Spacing)

Part Number	Price
BM-SSP03X2-01-1/Z	\$187.00
BM-SSP03X2-02-1/Z	\$266.00
BM-SSP03X2-03-1/Z	\$364.00
BM-SSP03X2-04-1/Z	\$436.00
BM-SSP03X2-05-1/Z	\$550.00
BM-SSP03X2-06-1/Z	\$629.00
BM-SSP03X2-07-1/Z	\$691.00
BM-SSP03X2-08-1/Z	\$828.00
BM-SSP03X2-09-1/Z	\$1,023.00
BM-SSP03X2-10-1/Z	\$1,153.00

NOTE: X = Thread Type. See Model Number Breakdown in our Product Catalog, page 48 for the appropriate code.

Manifolds with more stations than listed are available, Consult Magnaloy for price and availability.

ALUMINUM (4.00" Valve Spacing)

Part Number	Price
BM-ASP03X4-02-1/Z	\$151.00
BM-ASP03X4-03-1/Z	\$215.00
BM-ASP03X4-04-1/Z	\$276.00
BM-ASP03X4-05-1/Z	\$361.00
BM-ASP03X4-06-1/Z	\$418.00
BM-ASP03X4-07-1/Z	\$466.00
BM-ASP03X4-08-1/Z	\$581.00
BM-ASP03X4-09-1/Z	\$693.00
BM-ASP03X4-10-1/Z	\$866.00

STEEL (4.00" Valve Spacing)

Part Number	Price
BM-SSP03X4-02-1/Z	\$330.00
BM-SSP03X4-03-1/Z	\$502.00
BM-SSP03X4-04-1/Z	\$611.00
BM-SSP03X4-05-1/Z	\$780.00
BM-SSP03X4-06-1/Z	\$1,021.00
BM-SSP03X4-07-1/Z	\$1,184.00
BM-SSP03X4-08-1/Z	\$1,347.00
BM-SSP03X4-09-1/Z	\$1,510.00
BM-SSP03X4-10-1/Z	\$1,673.00

OPTIONS

- C Relief Valve Cavity C-10-2
- B Bottom PR - TK Ports
- G Gauge Ports
- S Relief Valve Cavity Sun T-10A
- I Station Isolation
- B, T, or M Thread Option

ACCESSORIES (Ordered Separately)

- FK-A03 Flange Mounting Kit (S-12-7)
- BK-A03 "L" Bracket Kit (S-12-8)

PRICE

ALUMINUM

\$60.00 per cavity
 \$60.00 per manifold
\$35.00
 \$60.00 per cavity
Quote
\$75.00

STEEL

\$60.00 per cavity
 \$60.00 per manifold
\$35.00
 \$60.00 per cavity
Quote
\$100.00

\$40.00 each (mounting holes are standard)

\$8.00 when requested (mounting are standard)

D03 Standard Flow Bar Manifolds - Series



Series

ALUMINUM (2.00" Valve Spacing)

Part Number	Price
BM-ASS03X2-02-0/Z	\$158.00
BM-ASS03X2-03-0/Z	\$203.00
BM-ASS03X2-04-0/Z	\$239.00
BM-ASS03X2-05-0/Z	\$281.00

STEEL (2.00" Valve Spacing)

Part Number	Price
BM-SSS03X2-02-0/Z	\$344.00
BM-SSS03X2-03-0/Z	\$561.00
BM-SSS03X2-04-0/Z	\$678.00
BM-SSS03X2-05-0/Z	\$801.00

NOTE: X = Thread Type. See Model Number Breakdown in our Product Catalog, page 50 for the appropriate code.

Manifolds with more stations than listed are available, Consult Magnaloy for price and availability.

OPTIONS

- C Relief Valve Cavity C-10-2
- B Bottom PR - TK Ports
- G #4 SAE or 1/4 NPTF Gauge Ports
- I Station Isolation
- B, T, or M Thread Option

ACCESSORIES (Ordered Separately)

- FK-A03 Flange Mounting Kit (S-12-7)
- BK-A03 "L" Bracket Kit (S-12-8)

PRICE

ALUMINUM

- \$60.00 per cavity
- \$60.00 per manifold
- \$35.00
- Quote
- \$75.00

STEEL

- \$60.00 per cavity
- \$60.00 per manifold
- \$35.00
- Quote
- \$100.00

\$40.00 each (mounting holes are standard)

\$8.00 when requested (mounting are standard)



D03 Standard Flow Retro Bar Manifolds

Parallel

ALUMINUM (2.13" Valve Spacing)

Part Number	Price
BMR-ASP03X2-01-1/Z	\$108.00
BMR-ASP03X2-02-1/Z	\$138.00
BMR-ASP03X2-03-1/Z	\$181.00
BMR-ASP03X2-04-1/Z	\$228.00
BMR-ASP03X2-05-1/Z	\$269.00
BMR-ASP03X2-06-1/Z	\$314.00
BMR-ASP03X2-07-1/Z	\$351.00
BMR-ASP03X2-08-1/Z	\$391.00
BMR-ASP03X2-09-1/Z	\$469.00
BMR-ASP03X2-10-1/Z	\$512.00
BMR-ASP03X2-11-1/Z	\$555.00
BMR-ASP03X2-12-1/Z	\$605.00
BMR-ASP03X2-13-1/Z	\$665.00
BMR-ASP03X2-14-1/Z	\$713.00

STEEL (2.13" Valve Spacing)

Part Number	Price
BMR-SSP03X2-01-1/Z	\$185.00
BMR-SSP03X2-02-1/Z	\$281.00
BMR-SSP03X2-03-1/Z	\$387.00
BMR-SSP03X2-04-1/Z	\$461.00
BMR-SSP03X2-05-1/Z	\$586.00
BMR-SSP03X2-06-1/Z	\$675.00
BMR-SSP03X2-07-1/Z	\$768.00
BMR-SSP03X2-08-1/Z	\$920.00
BMR-SSP03X2-09-1/Z	\$1,137.00
BMR-SSP03X2-10-1/Z	\$1,282.00
BMR-SSP03X2-11-1/Z	\$1,550.00
BMR-SSP03X2-12-1/Z	\$1,689.00
BMR-SSP03X2-13-1/Z	\$1,782.00
BMR-SSP03X2-14-1/Z	\$1,913.00

NOTE: X = Thread Type. See Model Number Breakdown in our Product Catalog, page 52 for the appropriate code.

Manifolds with more stations than listed are available. Consult Magnaloy for price and availability.

ALUMINUM (4.00" Valve Spacing)

Part Number	Price
BMR-ASP03X4-02-1/Z	\$159.00
BMR-ASP03X4-03-1/Z	\$228.00
BMR-ASP03X4-04-1/Z	\$294.00
BMR-ASP03X4-05-1/Z	\$380.00
BMR-ASP03X4-06-1/Z	\$464.00
BMR-ASP03X4-07-1/Z	\$518.00
BMR-ASP03X4-08-1/Z	\$646.00

STEEL (4.00" Valve Spacing)

Part Number	Price
BMR-SSP03X4-02-1/Z	\$349.00
BMR-SSP03X4-03-1/Z	\$536.00
BMR-SSP03X4-04-1/Z	\$648.00
BMR-SSP03X4-05-1/Z	\$830.00
BMR-SSP03X4-06-1/Z	\$1,087.00
BMR-SSP03X4-07-1/Z	\$1,260.00
BMR-SSP03X4-08-1/Z	\$1,434.00

OPTIONS

- C** Relief Valve Cavity C-10-2
- B** Bottom PR - TK Ports
- G4** #4 SAE Gauge Ports
- S** Relief Valve Cavity Sun T-10A
- I** Station Isolation
- B, T, or M** Thread Option

PRICE

ALUMINUM

\$60.00 per cavity
\$60.00 per manifold
\$35.00
\$60.00 per cavity
Quote
\$75.00

STEEL

\$60.00 per cavity
\$60.00 per manifold
\$35.00
\$60.00 per cavity
Quote
\$100.00

D03 High Flow Retro Bar Manifolds



Parallel

ALUMINUM (2.13" Valve Spacing)

Part Number	Price
BMR-AHP03X2-01-1/Z	\$262.00
BMR-AHP03X2-02-1/Z	\$296.00
BMR-AHP03X2-03-1/Z	\$373.00
BMR-AHP03X2-04-1/Z	\$468.00
BMR-AHP03X2-05-1/Z	\$539.00
BMR-AHP03X2-06-1/Z	\$620.00
BMR-AHP03X2-07-1/Z	\$702.00
BMR-AHP03X2-08-1/Z	\$786.00
BMR-AHP03X2-09-1/Z	\$907.00
BMR-AHP03X2-10-1/Z	\$1,093.00
BMR-AHP03X2-11-1/Z	\$1,195.00
BMR-AHP03X2-12-1/Z	\$1,292.00

STEEL (2.13" Valve Spacing)

Part Number	Price
BMR-SHP03X2-01-1/Z	\$388.00
BMR-SHP03X2-02-1/Z	\$577.00
BMR-SHP03X2-03-1/Z	\$730.00
BMR-SHP03X2-04-1/Z	\$847.00
BMR-SHP03X2-05-1/Z	\$1,058.00
BMR-SHP03X2-06-1/Z	\$1,220.00
BMR-SHP03X2-07-1/Z	\$1,376.00
BMR-SHP03X2-08-1/Z	\$1,638.00
BMR-SHP03X2-09-1/Z	\$2,025.00
BMR-SHP03X2-10-1/Z	\$2,271.00
BMR-SHP03X2-11-1/Z	\$2,515.00
BMR-SHP03X2-12-1/Z	\$2,759.00

NOTE: X = Thread Type. See Model Number Breakdown in our Product Catalog, page 54 for the appropriate code.

Manifolds with more stations than listed are available. Consult Magnaloy for price and availability.

ALUMINUM (4.00" Valve Spacing)

Part Number	Price
BMR-AHP03X4-02-1/Z	\$399.00
BMR-AHP03X4-03-1/Z	\$546.00
BMR-AHP03X4-04-1/Z	\$622.00
BMR-AHP03X4-05-1/Z	\$751.00
BMR-AHP03X4-06-1/Z	\$957.00
BMR-AHP03X4-07-1/Z	\$1,073.00
BMR-AHP03X4-08-1/Z	\$1,199.00

STEEL (4.00" Valve Spacing)

Part Number	Price
BMR-SHP03X4-02-1/Z	\$638.00
BMR-SHP03X4-03-1/Z	\$879.00
BMR-SHP03X4-04-1/Z	\$1,099.00
BMR-SHP03X4-05-1/Z	\$1,379.00
BMR-SHP03X4-06-1/Z	\$1,625.00
BMR-SHP03X4-07-1/Z	\$2,057.00
BMR-SHP03X4-08-1/Z	\$2,327.00

OPTIONS

- C** Relief Valve Cavity C-16-2
- B** Bottom PR - TK Ports
- G4** #4 SAE Gauge Ports
- S** Relief Valve Cavity Sun T-3A
- I** Station Isolation
- B, T, or M** Thread Option

PRICE

ALUMINUM

\$60.00 per cavity
\$60.00 per manifold
\$35.00
\$60.00 per cavity
Quote
\$75.00

STEEL

\$60.00 per cavity
\$60.00 per manifold
\$35.00
\$60.00 per cavity
Quote
\$100.00

Parallel

ALUMINUM (3.25" Valve Spacing)

Part Number	Price
BM-ASP05X3-01-1/Z	\$145.00
BM-ASP05X3-02-1/Z	\$205.00
BM-ASP05X3-03-1/Z	\$276.00
BM-ASP05X3-04-1/Z	\$346.00
BM-ASP05X3-05-1/Z	\$414.00
BM-ASP05X3-06-1/Z	\$484.00
BM-ASP05X3-07-1/Z	\$551.00
BM-ASP05X3-08-1/Z	\$618.00

STEEL (3.25" Valve Spacing)

Part Number	Price
BM-SSP05X3-01-1/Z	\$280.00
BM-SSP05X3-02-1/Z	\$406.00
BM-SSP05X3-03-1/Z	\$502.00
BM-SSP05X3-04-1/Z	\$617.00
BM-SSP05X3-05-1/Z	\$752.00
BM-SSP05X3-06-1/Z	\$923.00

NOTE: X = Thread Type. See Model Number Breakdown in our Product Catalog, page 56 for the appropriate code.

Manifolds with more stations than listed are available. Consult Magnaloy for price and availability.

ALUMINUM (5.00" Valve Spacing)

Part Number	Price
BM-ASP05X5-02-1/Z	\$229.00
BM-ASP05X5-03-1/Z	\$338.00
BM-ASP05X5-04-1/Z	\$431.00
BM-ASP05X5-05-1/Z	\$502.00
BM-ASP05X5-06-1/Z	\$573.00

STEEL (5.00" Valve Spacing)

Part Number	Price
BM-SSP05X5-02-1/Z	\$480.00
BM-SSP05X5-03-1/Z	\$622.00
BM-SSP05X5-04-1/Z	\$825.00
BM-SSP05X5-05-1/Z	\$927.00
BM-SSP05X5-06-1/Z	\$1,078.00

OPTIONS

- C Relief Valve Cavity C-10-2
- B Bottom PR - TK Ports
- G #4 SAE or 1/4" NPTF Gauge Ports
- G6 #6 SAE Gauge Ports
- S Relief Valve Cavity Sun T-3A
- I Station Isolation
- B, T, or M Thread Option

ACCESSORIES (Ordered Separately)

FK-A05 Flange Mounting Kit (S-12-9)

BK-A05 "L" Bracket Kit (S-12-10)

PRICE

ALUMINUM

\$60.00 per cavity
 \$60.00 per manifold
\$35.00
\$35.00
 \$60.00 per cavity
Quote
\$75.00

STEEL

\$60.00 per cavity
 \$60.00 per manifold
\$35.00
\$35.00
 \$60.00 per cavity
Quote
\$100.00

\$38.00 each (mounting holes are standard)

No Charge when requested (mounting are standard)

D05 Std Flow Retro Bar Manifolds - Series

SERIES - ALUMINUM (3.25" Valve Spacing)

Part Number	Price
BMR-ASS05X3-02-1/Z	\$318.00
BMR-ASS05X3-03-1/Z	\$408.00
BMR-ASS05X3-04-1/Z	\$556.00

STEEL (3.25" Valve Spacing)

Part Number	Price
BMR-SSS05X3-02-1/Z	\$811.00
BMR-SSS05X3-03-1/Z	\$964.00
BMR-SSS05X3-04-1/Z	\$1,409.00

ALUMINUM (5.00" Valve Spacing)

Part Number	Price
BMR-ASS05X5-02-1/Z	\$399.00
BMR-ASS05X5-03-1/Z	\$556.00
BMR-ASS05X5-04-1/Z	\$762.00

STEEL (5.00" Valve Spacing)

Part Number	Price
BMR-SSS05X5-02-1/Z	\$1,046.00
BMR-SSS05X5-03-1/Z	\$1,295.00
BMR-SSS05X5-04-1/Z	\$1,698.00

D05 Std Flow Retro Bar Manifolds - Series...



OPTIONS

- C Relief Valve Cavity C-10-2, "P" IN NOSE
- G4 #4 SAE or 1/4" NPTF Gauge Ports
- S Relief Valve Cavity Sun T-3A, "P" IN THE NOSE
- T, or M Thread Option (BSPT OR METRIC THREAD)
- B Thread Option (BSPP THREAD)

ACCESSORIES (Ordered Separately)

BKR-A05 "L" Bracket Kit

PRICE

ALUMINUM

\$60.00 per cavity
\$35.00
\$60.00 per cavity
\$75.00
\$75.00

STEEL

\$60.00 per cavity
\$35.00
\$60.00 per cavity
\$100.00
\$100.00

No Charge when requested (mounting are standard)

D05 High Flow Bar Manifolds - Parallel

Parallel

ALUMINUM (3.25" Valve Spacing)

Part Number	Price
BM-AHP05X3-01-1/Z	\$206.00
BM-AHP05X3-02-1/Z	\$316.00
BM-AHP05X3-03-1/Z	\$461.00
BM-AHP05X3-04-1/Z	\$579.00
BM-AHP05X3-05-1/Z	\$681.00
BM-AHP05X3-06-1/Z	\$799.00
BM-AHP05X3-07-1/Z	\$917.00

STEEL (3.25" Valve Spacing)

Part Number	Price
BM-SHP05X3-01-1/Z	\$404.00
BM-SHP05X3-02-1/Z	\$600.00
BM-SHP05X3-03-1/Z	\$852.00
BM-SHP05X3-04-1/Z	\$1,074.00
BM-SHP05X3-05-1/Z	\$1,283.00
BM-SHP05X3-06-1/Z	\$1,626.00
BM-SHP05X3-07-1/Z	\$2,121.00

NOTE: X = Thread Type. See Model Number Breakdown in our Product Catalog, page 60 for the appropriate code.

Manifolds with more stations than listed are available. Consult Magnaloy for price and availability.

ALUMINUM (5.00" Valve Spacing)

Part Number	Price
BM-AHP05X5-02-1/Z	\$373.00
BM-AHP05X5-03-1/Z	\$519.00
BM-AHP05X5-04-1/Z	\$698.00
BM-AHP05X5-05-1/Z	\$831.00
BM-AHP05X5-06-1/Z	\$1,024.00
BM-AHP05X5-07-1/Z	\$1,260.00

STEEL (5.00" Valve Spacing)

Part Number	Price
BM-SHP05X5-02-1/Z	\$752.00
BM-SHP05X5-03-1/Z	\$1,030.00
BM-SHP05X5-04-1/Z	\$1,344.00
BM-SHP05X5-05-1/Z	\$1,783.00
BM-SHP05X5-06-1/Z	\$2,187.00
BM-SHP05X5-07-1/Z	\$2,574.00

OPTIONS

- C Relief Valve Cavity C-10-2
- B Bottom PR - TK Ports
- L L Ports
- G #4 SAE or 1/4" NPTF Gauge Ports
- G6 #6 SAE Gauge Ports
- O Oversized A and B Ports (N/A Alt. A)
- S Relief Valve Cavity Sun T-3A
- I Station Isolation
- B, T, or M Thread Option

ACCESSORIES (Ordered Separately)

BK-A05 "L" Bracket Kit (S-12-10)

PRICE

ALUMINUM

\$60.00 per cavity
\$60.00 per manifold
\$35.00 per station
\$35.00
\$35.00
\$60.00 per manifold
\$60.00 per cavity
Quote
\$75.00

STEEL

\$60.00 per cavity
\$60.00 per manifold
\$35.00 per station
\$35.00
\$35.00
\$60.00 per manifold
\$60.00 per cavity
Quote
\$100.00

No Charge when requested (mounting are standard)

Magnaflow coupling company 170 N Industrial Hwy., Alpena, MI 49707 989-356-2186

A Division of Douville Johnston Corporation

Fax: 989-354-4190 www.magnaflow.com



D05E & D05H High Flow Bar Manifolds

D05E Alt. A

ALUMINUM (3.25" Valve Spacing)

Part Number	Price
BM-AHP5EX3-01-1/Z	\$257.00
BM-AHP5EX3-02-1/Z	\$460.00
BM-AHP5EX3-03-1/Z	\$675.00
BM-AHP5EX3-04-1/Z	\$860.00
BM-AHP5EX3-05-1/Z	\$1,026.00
BM-AHP5EX3-06-1/Z	\$1,216.00
BM-AHP5EX3-07-1/Z	\$1,399.00

STEEL (3.25" Valve Spacing)

Part Number	Price
BM-SHP5EX3-01-1/Z	\$539.00
BM-SHP5EX3-02-1/Z	\$852.00
BM-SHP5EX3-03-1/Z	\$1,227.00
BM-SHP5EX3-04-1/Z	\$1,569.00
BM-SHP5EX3-05-1/Z	\$1,898.00
BM-SHP5EX3-06-1/Z	\$2,369.00
BM-SHP5EX3-07-1/Z	\$2,801.00

NOTE: X = Thread Type. See Model Number Breakdown in our Product Catalog, page 62 or 64 for the appropriate code.

Manifolds with more stations than listed are available. Consult Magnaloy for price and availability.

ALUMINUM (5.00" Valve Spacing)

Part Number	Price
BM-AHP5EX5-02-1/Z	\$519.00
BM-AHP5EX5-03-1/Z	\$739.00
BM-AHP5EX5-04-1/Z	\$840.00
BM-AHP5EX5-05-1/Z	\$1,191.00
BM-AHP5EX5-06-1/Z	\$1,457.00
BM-AHP5EX5-07-1/Z	\$1,776.00

STEEL (5.00" Valve Spacing)

Part Number	Price
BM-SHP5EX5-02-1/Z	\$1,025.00
BM-SHP5EX5-03-1/Z	\$1,424.00
BM-SHP5EX5-04-1/Z	\$1,865.00
BM-SHP5EX5-05-1/Z	\$2,445.00
BM-SHP5EX5-06-1/Z	\$3,025.00
BM-SHP5EX5-07-1/Z	\$3,605.00

D05H Alt. B

ALUMINUM (3.25" Valve Spacing)

Part Number	Price
BM-AHP5HX3-01-1/Z	\$257.00
BM-AHP5HX3-02-1/Z	\$414.00
BM-AHP5HX3-03-1/Z	\$675.00
BM-AHP5HX3-04-1/Z	\$860.00
BM-AHP5HX3-05-1/Z	\$1,026.00
BM-AHP5HX3-06-1/Z	\$1,216.00
BM-AHP5HX3-07-1/Z	\$1,399.00

STEEL (3.25" Valve Spacing)

Part Number	Price
BM-SHP5HX3-01-1/Z	\$539.00
BM-SHP5HX3-02-1/Z	\$852.00
BM-SHP5HX3-03-1/Z	\$1,227.00
BM-SHP5HX3-04-1/Z	\$1,569.00
BM-SHP5HX3-05-1/Z	\$1,898.00
BM-SHP5HX3-06-1/Z	\$2,369.00
BM-SHP5HX3-07-1/Z	\$2,801.00

ALUMINUM (5.00" Valve Spacing)

Part Number	Price
BM-AHP5HX5-02-1/Z	\$519.00
BM-AHP5HX5-03-1/Z	\$739.00
BM-AHP5HX5-04-1/Z	\$990.00
BM-AHP5HX5-05-1/Z	\$1,191.00
BM-AHP5HX5-06-1/Z	\$1,457.00
BM-AHP5HX5-07-1/Z	\$1,776.00

STEEL (5.00" Valve Spacing)

Part Number	Price
BM-SHP5HX5-02-1/Z	\$1,025.00
BM-SHP5HX5-03-1/Z	\$1,424.00
BM-SHP5HX5-04-1/Z	\$1,865.00
BM-SHP5HX5-05-1/Z	\$2,445.00
BM-SHP5HX5-06-1/Z	\$3,025.00
BM-SHP5HX5-07-1/Z	\$3,605.00

D05E & D05H High Flow Bar Manifolds...



OPTIONS

- C Relief Valve Cavity C-10-2
- B Bottom PR - TK Ports
- G #4 SAE or 1/4" NPTF Gauge Ports
- G6 #6 SAE Gauge Ports
- O Oversized A and B Ports (N/A Alt. A)
- S Relief Valve Cavity Sun T-3A
- I Station Isolation
- B, T, or M Thread Option

ACCESSORIES (Ordered Separately)

BK-A05 "L" Bracket Kit (S-12-10)

PRICE

ALUMINUM

\$60.00 per cavity
 \$60.00 per manifold
 \$35.00
 \$35.00
 \$60.00 per manifold
 \$60.00 per cavity
 Quote
 \$75.00

STEEL

\$60.00 per cavity
 \$60.00 per manifold
 \$35.00
 \$35.00
 \$60.00 per manifold
 \$60.00 per cavity
 Quote
 \$100.00

\$10.00 when requested (mounting are standard)

D08 Bar Manifolds - Parallel

Parallel

ALUMINUM (5.25" Valve Spacing)

Part Number	Price
BM-ASP08X5-01-0/Z	\$408.00
BM-ASP08X5-02-0/Z	\$686.00
BM-ASP08X5-03-0/Z	\$972.00
BM-ASP08X5-04-0/Z	\$1,230.00
BM-ASP08X5-05-0/Z	\$1,487.00
BM-ASP08X5-06-0/Z	\$1,758.00

STEEL (5.25" Valve Spacing)

Part Number	Price
BM-SSP08X5-01-0/Z	\$741.00
BM-SSP08X5-02-0/Z	\$1,242.00
BM-SSP08X5-03-0/Z	\$1,744.00
BM-SSP08X5-04-0/Z	\$2,168.00
BM-SSP08X5-05-0/Z	\$2,732.00
BM-SSP08X5-06-0/Z	\$3,098.00

NOTE: X = Thread Type. See Model Number Breakdown in our Product Catalog, page 66 for the appropriate code.

ALUMINUM (7.00" Valve Spacing)

Part Number	Price
BM-ASP08X7-02-0/Z	\$731.00
BM-ASP08X7-03-0/Z	\$1,065.00
BM-ASP08X7-04-0/Z	\$1,383.00

STEEL (7.00" Valve Spacing)

Part Number	Price
BM-SSP08X7-02-0/Z	\$1,432.00
BM-SSP08X7-03-0/Z	\$1,955.00
BM-SSP08X7-04-0/Z	\$2,468.00

Manifolds with more stations than listed are available. Consult Magnaloy for price and availability.

OPTIONS

- C Relief Valve Cavity C-10-2
- B Bottom PR - TK Ports
- G #4 SAE or 1/4" NPTF Gauge Ports
- G6 #6 SAE Gauge Ports
- P Pilot Pressure
- S Relief Valve Cavity Sun T-3A
- I Station Isolation
- B, T, or M Thread Option

ACCESSORIES (Ordered Separately)

BK-A08 "L" Bracket Kit (S-12-10)

PRICE

ALUMINUM

\$60.00 per cavity
 \$60.00 per manifold
 \$35.00
 \$35.00
 \$35.00 per manifold
 \$60.00 per cavity
 Quote
 \$75.00

STEEL

\$60.00 per cavity
 \$60.00 per manifold
 \$35.00
 \$35.00
 \$35.00 per manifold
 \$60.00 per cavity
 Quote
 \$100.00

\$14.00 when requested (mounting are standard)



D08 High Flow Retro Bar Manifolds

Parallel

ALUMINUM (5.25" Valve Spacing)

Part Number	Price
BMR-AHP08X5-01-1/Z	\$589.00
BMR-AHP08X5-02-1/Z	\$990.00
BMR-AHP08X5-03-1/Z	\$1,303.00
BMR-AHP08X5-04-1/Z	\$1,583.00
BMR-AHP08X5-05-1/Z	\$1,947.00
BMR-AHP08X5-06-1/Z	\$2,463.00

STEEL (5.25" Valve Spacing)

Part Number	Price
BMR-SHP08X5-01-1/Z	\$879.00
BMR-SHP08X5-02-1/Z	\$1,473.00
BMR-SHP08X5-03-1/Z	\$2,065.00
BMR-SHP08X5-04-1/Z	\$2,657.00
BMR-SHP08X5-05-1/Z	\$3,248.00
BMR-SHP08X5-06-1/Z	\$3,843.00

NOTE: X = Thread Type. See Model Number Breakdown in our Product Catalog, page 68 for the appropriate code.

Manifolds with more stations than listed are available. Consult Magnaloy for price and availability.

ALUMINUM (7.00" Valve Spacing)

Part Number	Price
BMR-AHP08X7-02-1/Z	\$1,055.00
BMR-AHP08X7-03-1/Z	\$1,556.00
BMR-AHP08X7-04-1/Z	\$2,215.00
BMR-AHP08X7-05-1/Z	\$2,766.00

STEEL (7.00" Valve Spacing)

Part Number	Price
BMR-SHP08X7-02-1/Z	\$1,773.00
BMR-SHP08X7-03-1/Z	\$2,579.00
BMR-SHP08X7-04-1/Z	\$3,400.00
BMR-SHP08X7-05-1/Z	\$4,214.00

OPTIONS

- C Relief Valve Cavity C-16-2
- B Bottom PR - TK Ports
- G4 #4 SAE or 1/4" NPTF Gauge Ports
- P Pilot Pressure (Individual per station)
- S Relief Valve Cavity Sun T-16A
- I Station Isolation
- B, T, or M Thread Option

PRICE

ALUMINUM

\$60.00 per cavity
 \$60.00 per manifold
 \$35.00
 \$40.00 per station
 \$60.00 per cavity
 Quote
 \$75.00

STEEL

\$60.00 per cavity
 \$60.00 per manifold
 \$35.00
 \$60.00 per station
 \$60.00 per cavity
 Quote
 \$100.00

D08 Retro Bar Manifolds - Series

Series

ALUMINUM (5.25" Valve Spacing)

Part Number	Price
BMR-ASS08X5-02-1/Z	\$1,136.00
BMR-ASS08X5-03-1/Z	\$1,894.00

STEEL (5.25" Valve Spacing)

Part Number	Price
BMR-SSS08X5-02-1/Z	\$2,526.00
BMR-SSS08X5-03-1/Z	\$3,813.00

NOTE: X = Thread Type. See Model Number Breakdown in our Product Catalog, page 70 for the appropriate code.

OPTIONS

- G4 #4 SAE or 1/4" NPTF Gauge Ports
- B, T, or M Thread Option

ACCESSORIES (Ordered Separately)

BKR-A08 "L" Bracket Kit

PRICE

ALUMINUM

\$35.00
 \$75.00

STEEL

\$35.00
 \$100.00

No Charge when requested (mntg holes are standard)

D08 Retro Bar Manifolds - Series...



Series

ALUMINUM (7.00" Valve Spacing)

Part Number	Price
BMR-ASS08X7-02-1/Z	\$1,409.00
BMR-ASS08X7-03-1/Z	\$2,063.00

STEEL (7.00" Valve Spacing)

Part Number	Price
BMR-SSS08X7-02-1/Z	\$2,776.00
BMR-SSS08X7-03-1/Z	\$4,064.00

OPTIONS

-G4 #4 SAE or 1/4" NPTF Gauge Ports

-B, T, or M Thread Option

ACCESSORIES (Ordered Separately)

BKR-A08 "L" Bracket Kit

PRICE

ALUMINUM

STEEL

\$35.00

\$35.00

\$75.00

\$100.00

No Charge when requested (mntg holes are standard)

NOTE: X = Thread Type. See Model Number Breakdown in our Product Catalog, page 70 for the appropriate code.

Manifolds with more stations than listed are available. Consult Magnaloy for price and availability.



Integrated Circuit Bar Manifolds

Discontinued

D03 Subplates - SUPER SAVER SUBPLATE

All 4 Sides Ported

Part Number	Price
SP-A03X4-1/PZ	\$72.00
SP-A03X6-1/PZ	\$72.00
SP-S03X4-1/PZ	\$119.00
SP-S03X6-1/PZ	\$119.00

All 4 Ports on Bottom

Part Number	Price
SP-A03X4-1/DZ	\$65.00
SP-A03X6-1/DZ	\$65.00
SP-S03X4-1/DZ	\$107.00
SP-S03X6-1/DZ	\$107.00

NOTE: X = Thread Type. See Model Number Breakdown in our Product Catalog, page 77 for the appropriate code.

D03 Subplates - Standard Side Ported Subplates

A & B Ports on opposite side of P & T Ports

Part Number	Price
SP-A03X6-1/Z	\$81.00
SP-A03X8-1/Z	\$81.00
SP-S03X6-1/Z	\$135.00
SP-S03X8-1/Z	\$135.00

A & B Ports on opposite sides, P & T Ports w/ Common C-10-2 Relief Cavity

Part Number	Price
SP-A03X6-1/C	\$141.00
SP-A03X8-1/C	\$141.00
SP-S03X6-1/C	\$195.00
SP-S03X8-1/C	\$195.00

NOTE: X = Thread Type. See Model Number Breakdown in our Product Catalog, page 81 for the appropriate code.

A & B Ports on one side, P & T Ports on opposite side & bottom

Part Number	Price
SP-A03X6-1/BZ	\$141.00
SP-A03X8-1/BZ	\$141.00
SP-S03X6-1/BZ	\$195.00
SP-S03X8-1/BZ	\$195.00

A & B Ports on one side, P & T Ports on opposite side & bottom with C-10-2 relief cavity

Part Number	Price
SP-A03X6-1/BC	\$201.00
SP-A03X8-1/BC	\$201.00
SP-S03X6-1/BC	\$255.00
SP-S03X8-1/BC	\$255.00

A & B Ports on one side, P & T Ports on opposite side with Sun T-10A relief cavity

Part Number	Price
SP-A03X6-1/S	\$141.00
SP-A03X8-1/S	\$141.00
SP-S03X6-1/S	\$195.00
SP-S03X8-1/S	\$195.00

A & B Ports on one side, P & T Ports on opposite side & bottom with Sun T-10A relief cavity

Part Number	Price
SP-A03X6-1/BS	\$201.00
SP-A03X8-1/BS	\$201.00
SP-S03X6-1/BS	\$255.00
SP-S03X8-1/BS	\$255.00

OPTIONS

-G #4 SAE or 1/4" NPTF Gauge Ports

-B, T, or M Thread Option

PRICE ALUMINUM STEEL

\$35.00 \$35.00

\$75.00 \$100.00

D05 Subplates - SUPER SAVER SUBPLATE

All 4 Sides Ported

Part Number	Price
SP-A05X6-1/PZ	\$101.00
SP-A05X8-1/PZ	\$101.00
SP-S05X6-1/PZ	\$144.00
SP-S05X8-1/PZ	\$144.00

All 4 Ports on Bottom

Part Number	Price
SP-A05X6-1/DZ	\$101.00
SP-A05X8-1/DZ	\$101.00
SP-S05X6-1/DZ	\$150.00
SP-S05X8-1/DZ	\$150.00

NOTE: X = Thread Type. See Model Number Breakdown in our Product Catalog, page 79 for the appropriate code.

D05 Subplates (Continued) - Standard Side Ported

A & B Ports on opposite side of P & T Ports

Part Number	Price
SP-A05X6-1/Z	\$95.00
SP-A05X8-1/Z	\$95.00
SP-S05X6-1/Z	\$175.00
SP-S05X8-1/Z	\$175.00

A & B Ports on one side, P & T Ports on opposite side & bottom

Part Number	Price
SP-A05X6-1/BZ	\$141.00
SP-A05X8-1/BZ	\$160.00
SP-S05X6-1/BZ	\$275.00
SP-S05X8-1/BZ	\$275.00

A & B Ports on one side, P & T Ports on opposite side with Sun T-10A relief cavity

Part Number	Price
SP-A05X6-1/S	\$160.00
SP-A05X8-1/S	\$160.00
SP-S05X6-1/S	\$275.00
SP-S05X8-1/S	\$275.00

A & B Ports on opposite sides, P & T Ports w/Common C-10-2 Relief Cavity

Part Number	Price
SP-A05X6-1/C	\$141.00
SP-A05X8-1/C	\$160.00
SP-S05X6-1/C	\$275.00
SP-S05X8-1/C	\$275.00

NOTE: X = Thread Type. See Model Number Breakdown in our Product Catalog, page 82 for the appropriate code.

A & B Ports on one side, P & T Ports on opposite side & bottom with C-10-2 relief cavity

Part Number	Price
SP-A05X6-1/BC	\$201.00
SP-A05X8-1/BC	\$175.00
SP-S05X6-1/BC	\$315.00
SP-S05X8-1/BC	\$315.00

A & B Ports on one side, P & T Ports on opposite side & bottom with Sun T-10A relief cavity

Part Number	Price
SP-A05X6-1/BS	\$201.00
SP-A05X8-1/BS	\$175.00
SP-S05X6-1/BS	\$315.00
SP-S05X8-1/BS	\$315.00

OPTIONS

- G #4 SAE or 1/4" NPTF Gauge Ports
- B, T, or M Thread Option

PRICE	ALUMINUM	STEEL
	\$25.00	\$35.00
	\$40.00	\$50.00

D05 Subplates - High Flow Ported Subplates

A & B Ports on opposite side of P & T Ports

Part Number	Price
SP-AH05X12-1/Z	\$119.00
SP-SH05X12-1/Z	\$181.00

A & B Ports on one side, P & T Ports on opposite side & bottom

Part Number	Price
SP-AH05X12-1/BZ	\$159.00
SP-SH05X12-1/BZ	\$221.00

A & B Ports on one side, P & T Ports on opposite side with Sun T-10A relief cavity

Part Number	Price
SP-AH05X12-1/S	\$179.00
SP-SH05X12-1/S	\$241.00

A & B Ports on opposite sides, P & T Ports w/Common C-10-2 Relief Cavity

Part Number	Price
SP-AH05X12-1/C	\$179.00
SP-SH05X12-1/C	\$241.00

A & B Ports on one side, P & T Ports on opposite side & bottom with C-10-2 relief cavity

Part Number	Price
SP-AH05X12-1/BC	\$219.00
SP-SH05X12-1/BC	\$281.00

NOTE: X = Thread Type. See Model Number Breakdown in our Product Catalog, page 83 for the appropriate code.

A & B Ports on one side, P & T Ports on opposite side & bottom with Sun T-10A relief cavity

Part Number	Price
SP-AH05X12-1/BS	\$219.00
SP-SH05X12-1/BS	\$281.00

OPTIONS

- G4 #4 SAE or 1/4" NPTF Gauge Ports
- G6 #6 SAE Gauge Ports
- B, T, or M Thread Option

PRICE	ALUMINUM	STEEL
	\$35.00	\$35.00
	\$35.00	\$35.00
	\$75.00	\$100.00

Subplates / Cover Plates



D08 Subplates - Standard Side Ported

A & B Ports on opposite side of P & T Ports

Part Number	Price
SP-A08X12-1/Z	\$207.00
SP-A08X16-1/Z	\$207.00
SP-S08X12-1/Z	\$299.00
SP-S08X16-1/Z	\$299.00

A & B Ports on opposite sides, P & T Ports w/Common C-10-2 Relief Cavity

Part Number	Price
SP-A08X12-1/C	\$267.00
SP-A08X16-1/C	\$267.00
SP-S08X12-1/C	\$359.00
SP-S08X16-1/C	\$359.00

NOTE: X = Thread Type. See Model Number Breakdown in our Product Catalog, page 84 for the appropriate code.

A & B Ports on one side, P & T Ports on opposite side & bottom

Part Number	Price
SP-A08X12-1/BZ	\$247.00
SP-A08X16-1/BZ	\$247.00
SP-S08X12-1/BZ	\$339.00
SP-S08X16-1/BZ	\$339.00

A & B Ports on one side, P & T Ports on opposite side & bottom with C-10-2 relief cavity

Part Number	Price
SP-A08X12-1/BC	\$307.00
SP-A08X16-1/BC	\$307.00
SP-S08X12-1/BC	\$399.00
SP-S08X16-1/BC	\$399.00

A & B Ports on one side, P & T Ports on opposite side with Sun T-10A relief cavity

Part Number	Price
SP-A08X12-1/S	\$267.00
SP-A08X16-1/S	\$267.00
SP-S08X12-1/S	\$359.00
SP-S08X16-1/S	\$359.00

A & B Ports on one side, P & T Ports on opposite side & bottom with Sun T-10A relief cavity

Part Number	Price
SP-A08X12-1/BS	\$307.00
SP-A08X16-1/BS	\$307.00
SP-S08X12-1/BS	\$399.00
SP-S08X16-1/BS	\$399.00

OPTIONS

- G #4 SAE or 1/4" NPTF Gauge Ports
- G6 #6 SAE or Gauge Ports
- B, T, or M Thread Option

PRICE

ALUMINUM

STEEL

\$35.00	\$35.00
\$35.00	\$35.00
\$75.00	\$100.00

Cover Plates

D03 Cover Plates

Part Number	Price
CP-ASP03E-1/Z	\$31.00
CP-ASP03M-1/Z	\$31.00
CP-SSP03E-1/Z	\$35.00
CP-SSP03M-1/Z	\$35.00
CP-ASP03E-1/G	\$40.00
CP-ASP03M-1/G	\$40.00
CP-SSP03E-1/G	\$49.00
CP-SSP03M-1/G	\$49.00
CP-ASS03E-1/Z	\$35.00
CP-ASS03M-1/Z	\$35.00
CP-SSS03E-1/Z	\$84.00
CP-SSS03M-1/Z	\$84.00

D05 Cover Plates

Part Number	Price
CP-ASP05E-1/Z	\$33.00
CP-ASP05M-1/Z	\$33.00
CP-SSP05E-1/Z	\$63.00
CP-SSP05M-1/Z	\$63.00
CP-ASP05E-1/G	\$45.00
CP-ASP05M-1/G	\$45.00
CP-SSP05E-1/G	\$75.00
CP-SSP05M-1/G	\$75.00
CP-ASS05E-1/Z	\$63.00
CP-ASS05M-1/Z	\$63.00
CP-SSS05E-1/Z	\$115.00
CP-SSS05M-1/Z	\$115.00

D08 Cover Plates

Part Number	Price
CP-ASP08E-1/Z	\$117.00
CP-ASP08M-1/Z	\$117.00
CP-SSP08E-1/Z	\$173.00
CP-SSP08M-1/Z	\$173.00
CP-ASP08E-1/G	\$130.00
CP-ASP08M-1/G	\$130.00
CP-SSP08E-1/G	\$198.00
CP-SSP08M-1/G	\$198.00
CP-ASS08E-1/Z	\$221.00
CP-ASS08M-1/Z	\$221.00
CP-SSS08E-1/Z	\$311.00
CP-SSS08M-1/Z	\$311.00



Valve Adaptors / Isolation Plugs

D08 Subplates - Standard Side Ported

FLOW CONTROL VALVE PATTERN ADAPTOR

Part Number	Price
VA-A03/05-EBA-0	\$98.00
VA-S03/05-EBA-0	\$156.00
VA-A05/08-EAA-0	\$252.00
VA-S05/08-EAA-0	\$316.00
VA-A03/05-EAA-0	\$198.00
VA-S03/05-EAA-0	\$156.00

OPTIONS

-M Thread Option

PRICE

ALUMINUM

\$75.00

STEEL

\$100.00

Isolation Plugs

ISOLATION PLUGS (DISCONTINUED - CALL FOR QUOTE & AVAILABILITY)

ALUMINUM MANIFOLDS

Part Number	Usage	Passage	Price
IP-AP03-0	Old Style D03	"P" & "T"	Consult Factory
IP-AP03-1	D03 High Flow	"P" & "T"	Consult Factory
IP-AP03-1	D03 Std. Flow Retro Design	"P" & "T"	Consult Factory
IP-AP05-1	D03 High Flow Retro Design	"P"	Consult Factory
IP-SP08-1	D03 High Flow Retro Design	"T"	Consult Factory
IP-AP05-0	D05 Std. Flow	"P"	Consult Factory
IP-AT05-0	D05 Std. Flow	"T"	Consult Factory
IP-AP08-0	D05 High Flow & D08 Std. Flow	"P"	Consult Factory
IP-AT05-1	D05 High Flow	"T"	Consult Factory
IP-AT08-0	D08 Std. Flow	"T"	Consult Factory
IP-ST08-0	D08 High Flow Retro Design	"P"	Consult Factory
N/A	D08 High Flow Retro Design	"T"	--

STEEL MANIFOLDS

Part Number	Usage	Passage	Price
IP-SP03-0	Old Style D03	"P" & "T"	Consult Factory
IP-SP03-1	D03 High Flow & Std. Flow Retro Design	"P" & "T"	Consult Factory
IP-SP05-0	D03 High Flow Retro Design & D05 Std. Flow	"P"	Consult Factory
IP-SP08-0	D03 High Flow Retro Design	"T"	Consult Factory
IP-ST05-0	D05 Std. Flow	"T"	Consult Factory
IP-SP08-0	D05 High Flow & D08 Std. Flow	"P"	Consult Factory
IP-ST05-1	D05 High Flow	"T"	Consult Factory
IP-ST08-0	D08 Std. Flow	"T"	Consult Factory
IP-ST08-0	D08 High Flow Retro Design	"P"	Consult Factory
N/A	D08 High Flow Retro Design	"T"	--

Manifold Accessories

D03 TAPPING PLATE

Part Number	Price
MA-A03ZZ-TP-ZZ-1	\$42.00
MA-S03ZZ-TP-ZZ-1	\$72.00
MA-A034X-TP-PP-1	\$85.00
MA-S034X-TP-PP-1	\$105.00
MA-A034X-TP-PT-1	\$70.00
MA-S034X-TP-PT-1	\$100.00
MA-A034X-TP-AB-1	\$53.00
MA-S034X-TP-AB-1	\$97.00

D05 TAPPING PLATE

Part Number	Price
MA-A05ZZ-TP-ZZ-1	\$51.00
MA-S05ZZ-TP-ZZ-1	\$100.00
MA-A054X-TP-PP-1	\$103.00
MA-S054X-TP-PP-1	\$159.00
MA-A054X-TP-PT-1	\$69.00
MA-S054X-TP-PT-1	\$129.00
MA-A054X-TP-AB-1	\$63.00
MA-S054X-TP-AB-1	\$105.00

D08 TAPPING PLATE

Part Number	Price
MA-A08ZZ-TP-ZZ-1	\$125.00
MA-S08ZZ-TP-ZZ-1	\$199.00
MA-A084X-TP-PP-1	\$225.00
MA-S084X-TP-PP-1	\$262.00
MA-A084X-TP-PT-1	\$158.00
MA-S084X-TP-PT-1	\$234.00
MA-A084X-TP-AB-1	\$158.00
MA-S084X-TP-AB-1	\$234.00
MA-A084X-TP-PS-1	\$225.00
MA-S084X-TP-PS-1	\$262.00

OPTIONS

-B, T, or M Thread Option

PRICE

ALUMINUM

\$75.00

STEEL

\$100.00

Relief Valve Cartridges

D03 HIGH FLOW MANIFOLDS & ALL SUBPLATES

Part Number	PSI Range	Price
RV-C10-2-15	50 - 1500	\$76.00
RV-C10-2-30	1500 - 3000	\$87.00

Part Number	PSI Range	Price
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RV-T10A-15	50 - 1500	\$99.00
RV-T10A-30	100 - 3000	\$99.00

D05, D05 HIGH FLOW & D08 MANIFOLDS

Part Number	PSI Range	Price
RV-C10-2-15	50 - 1500	\$76.00
RV-C10-2-30	1500 - 3000	\$87.00

Part Number	PSI Range	Price
RV-T3A-08	25 - 800	\$105.00
RV-T3A-15	50 - 1500	\$105.00
RV-T3A-30	100 - 3000	\$105.00

OLD STYLE D03 & D03 SERIES MANIFOLDS

Part Number	PSI Range	Price
RV-C10-2R-02	50 - 200	\$76.00
RV-C10-2R-15	50 - 1500	\$76.00
RV-C10-2R-30	1500 - 3000	\$90.00



Header Bar Manifolds* with NPT & SAE Ports - 0 Degree

1/8" NPT End Ports w/ 1/16" NPT Side Ports

Aluminum / 0 Degree		Steel / 0 Degree	
HA-0002P/01P-02-1/Z	\$53.00	HS-0002P/01P-02-1/Z	\$150.00
HA-0002P/01P-03-1/Z	\$59.00	HS-0002P/01P-03-1/Z	\$181.00
HA-0002P/01P-04-1/Z	\$73.00	HS-0002P/01P-04-1/Z	\$201.00
HA-0002P/01P-05-1/Z	\$94.00	HS-0002P/01P-05-1/Z	\$275.00
HA-0002P/01P-06-1/Z	\$101.00	HS-0002P/01P-06-1/Z	\$322.00
HA-0002P/01P-07-1/Z	\$118.00	HS-0002P/01P-07-1/Z	\$387.00
HA-0002P/01P-08-1/Z	\$139.00	HS-0002P/01P-08-1/Z	\$433.00
HA-0002P/01P-09-1/Z	\$150.00	HS-0002P/01P-09-1/Z	\$468.00
HA-0002P/01P-10-1/Z	\$165.00	HS-0002P/01P-10-1/Z	\$524.00

1/4" NPT End Ports w/ 1/8" NPT Side Ports

Aluminum / 0 Degree		Steel / 0 Degree	
HA-0004P/02P-02-1/Z	\$53.00	HS-0004P/02P-02-1/Z	\$165.00
HA-0004P/02P-03-1/Z	\$58.00	HS-0004P/02P-03-1/Z	\$201.00
HA-0004P/02P-04-1/Z	\$72.00	HS-0004P/02P-04-1/Z	\$237.00
HA-0004P/02P-05-1/Z	\$98.00	HS-0004P/02P-05-1/Z	\$299.00
HA-0004P/02P-06-1/Z	\$101.00	HS-0004P/02P-06-1/Z	\$362.00
HA-0004P/02P-07-1/Z	\$120.00	HS-0004P/02P-07-1/Z	\$375.00
HA-0004P/02P-08-1/Z	\$133.00	HS-0004P/02P-08-1/Z	\$387.00
HA-0004P/02P-09-1/Z	\$160.00	HS-0004P/02P-09-1/Z	\$443.00
HA-0004P/02P-10-1/Z	\$187.00	HS-0004P/02P-10-1/Z	\$565.00

3/8" NPT (#6 SAE) End Ports w/ 1/8" NPT Side Ports

Aluminum / 0 Degree		Steel / 0 Degree	
HA-0006x/02P-02-1/Z	\$61	HS-0006x/02x-02-1/Z	\$169
HA-0006x/02P-03-1/Z	\$72	HS-0006x/02x-03-1/Z	\$235
HA-0006x/02P-04-1/Z	\$94	HS-0006x/02x-04-1/Z	\$303
HA-0006x/02P-05-1/Z	\$120	HS-0006x/02x-05-1/Z	\$397
HA-0006x/02P-06-1/Z	\$130	HS-0006x/02x-06-1/Z	\$465
HA-0006x/02P-07-1/Z	\$151	HS-0006x/02x-07-1/Z	\$529
HA-0006x/02P-08-1/Z	\$178	HS-0006x/02x-08-1/Z	\$593
HA-0006x/02P-09-1/Z	\$193	HS-0006x/02x-09-1/Z	\$675
HA-0006x/02P-10-1/Z	\$212	HS-0006x/02x-10-1/Z	\$756

1/8" NPT End Ports w/ 1/8" NPT Side Ports

Aluminum / 0 Degree		Steel / 0 Degree	
HA-0002P/02P-02-1/Z	\$58	HS-0002P/02P-02-1/Z	\$150
HA-0002P/02P-03-1/Z	\$65	HS-0002P/02P-03-1/Z	\$181
HA-0002P/02P-04-1/Z	\$80	HS-0002P/02P-04-1/Z	\$201
HA-0002P/02P-05-1/Z	\$103	HS-0002P/02P-05-1/Z	\$275
HA-0002P/02P-06-1/Z	\$111	HS-0002P/02P-06-1/Z	\$322
HA-0002P/02P-07-1/Z	\$130	HS-0002P/02P-07-1/Z	\$387
HA-0002P/02P-08-1/Z	\$152	HS-0002P/02P-08-1/Z	\$433
HA-0002P/02P-09-1/Z	\$165	HS-0002P/02P-09-1/Z	\$468
HA-0002P/02P-10-1/Z	\$181	HS-0002P/02P-10-1/Z	\$524

1/4" NPT (#4 SAE) End Ports w/ 1/4" NPT (#4 SAE) Side Ports

Aluminum / 0 Degree		Steel / 0 Degree	
HA-0004x/04x-02-1/Z	\$58	HS-0004x/04x-02-1/Z	\$182
HA-0004x/04x-03-1/Z	\$64	HS-0004x/04x-03-1/Z	\$221
HA-0004x/04x-04-1/Z	\$79	HS-0004x/04x-04-1/Z	\$260
HA-0004x/04x-05-1/Z	\$108	HS-0004x/04x-05-1/Z	\$329
HA-0004x/04x-06-1/Z	\$111	HS-0004x/04x-06-1/Z	\$398
HA-0004x/04x-07-1/Z	\$132	HS-0004x/04x-07-1/Z	\$412
HA-0004x/04x-08-1/Z	\$159	HS-0004x/04x-08-1/Z	\$425
HA-0004x/04x-09-1/Z	\$176	HS-0004x/04x-09-1/Z	\$487
HA-0004x/04x-10-1/Z	\$205	HS-0004x/04x-10-1/Z	\$621

3/8" NPT (#6 SAE) End Ports w/ 1/4" NPT (#4 SAE) Side Ports

Aluminum / 0 Degree		Steel / 0 Degree	
HA-0006x/04x-02-1/Z	\$55.00	HS-0006x/04x-02-1/Z	\$161.00
HA-0006x/04x-03-1/Z	\$65.00	HS-0006x/04x-03-1/Z	\$224.00
HA-0006x/04x-04-1/Z	\$85.00	HS-0006x/04x-04-1/Z	\$289.00
HA-0006x/04x-05-1/Z	\$109.00	HS-0006x/04x-05-1/Z	\$378.00
HA-0006x/04x-06-1/Z	\$118.00	HS-0006x/04x-06-1/Z	\$443.00
HA-0006x/04x-07-1/Z	\$137.00	HS-0006x/04x-07-1/Z	\$504.00
HA-0006x/04x-08-1/Z	\$162.00	HS-0006x/04x-08-1/Z	\$565.00
HA-0006x/04x-09-1/Z	\$175.00	HS-0006x/04x-09-1/Z	\$643.00
HA-0006x/04x-10-1/Z	\$193.00	HS-0006x/04x-10-1/Z	\$720.00

3/8" NPT (#6 SAE) End Ports w/ 3/8" NPT (#6 SAE) Side Ports

Aluminum / 0 Degree		Steel / 0 Degree	
HA-0006x/06x-02-1/Z	\$66	HS-0006x/06x-02-1/Z	\$179
HA-0006x/06x-03-1/Z	\$89	HS-0006x/06x-03-1/Z	\$260
HA-0006x/06x-04-1/Z	\$110	HS-0006x/06x-04-1/Z	\$327
HA-0006x/06x-05-1/Z	\$134	HS-0006x/06x-05-1/Z	\$433
HA-0006x/06x-06-1/Z	\$137	HS-0006x/06x-06-1/Z	\$492
HA-0006x/06x-07-1/Z	\$154	HS-0006x/06x-07-1/Z	\$569
HA-0006x/06x-08-1/Z	\$171	HS-0006x/06x-08-1/Z	\$624
HA-0006x/06x-09-1/Z	\$197	HS-0006x/06x-09-1/Z	\$718
HA-0006x/06x-10-1/Z	\$222	HS-0006x/06x-10-1/Z	\$811

* Please Note: Header Bar Manifolds are Non-Returnable

Note: x - End & Side Port Thread Code

P - NPT Threads S - SAE Threads

BSPP, BSPT and Metric threads are also available,
consult factory for price.

"Standard" Port Sizes and combinations are shown. Header Manifolds with "Non-Standard" Port Sizes or combinations are available - Request Quote.

Header Bar Manifolds* with NPT & SAE Ports - 0 Degree



1/2" NPT (#8 SAE) End Ports w / 1/4" NPT (#4 SAE) Side Ports

Aluminum / 0 Degree		Steel / 0 Degree	
HA-0008x/04x-02-1/Z	\$66	HS-0008x/04x-02-1/Z	\$179
HA-0008x/04x-03-1/Z	\$89	HS-0008x/04x-03-1/Z	\$260
HA-0008x/04x-04-1/Z	\$110	HS-0008x/04x-04-1/Z	\$327
HA-0008x/04x-05-1/Z	\$134	HS-0008x/04x-05-1/Z	\$433
HA-0008x/04x-06-1/Z	\$138	HS-0008x/04x-06-1/Z	\$492
HA-0008x/04x-07-1/Z	\$154	HS-0008x/04x-07-1/Z	\$569
HA-0008x/04x-08-1/Z	\$171	HS-0008x/04x-08-1/Z	\$624
HA-0008x/04x-09-1/Z	\$197	HS-0008x/04x-09-1/Z	\$718
HA-0008x/04x-10-1/Z	\$222	HS-0008x/04x-10-1/Z	\$811

1/2" NPT (#8 SAE) End Ports w / 1/2" NPT (#8 SAE) Side Ports

Aluminum / 0 Degree		Steel / 0 Degree	
HA-0008x/08x-02-1/Z	\$73	HS-0008x/08x-02-1/Z	\$197
HA-0008x/08x-03-1/Z	\$98	HS-0008x/08x-03-1/Z	\$286
HA-0008x/08x-04-1/Z	\$121	HS-0008x/08x-04-1/Z	\$359
HA-0008x/08x-05-1/Z	\$147	HS-0008x/08x-05-1/Z	\$476
HA-0008x/08x-06-1/Z	\$162	HS-0008x/08x-06-1/Z	\$541
HA-0008x/08x-07-1/Z	\$169	HS-0008x/08x-07-1/Z	\$625
HA-0008x/08x-08-1/Z	\$188	HS-0008x/08x-08-1/Z	\$686
HA-0008x/08x-09-1/Z	\$216	HS-0008x/08x-09-1/Z	\$789
HA-0008x/08x-10-1/Z	\$246	HS-0008x/08x-10-1/Z	\$892

3/4" NPT (#12 SAE) End Ports w / 1/2" NPT (#8 SAE) Side Ports

Aluminum / 0 Degree		Steel / 0 Degree	
HA-0012x/08x-02-1/Z	\$102.00	HS-0012x/08x-02-1/Z	\$227.00
HA-0012x/08x-03-1/Z	\$137.00	HS-0012x/08x-03-1/Z	\$312.00
HA-0012x/08x-04-1/Z	\$188.00	HS-0012x/08x-04-1/Z	\$434.00
HA-0012x/08x-05-1/Z	\$219.00	HS-0012x/08x-05-1/Z	\$559.00
HA-0012x/08x-06-1/Z	\$249.00	HS-0012x/08x-06-1/Z	\$635.00
HA-0012x/08x-07-1/Z	\$283.00	HS-0012x/08x-07-1/Z	\$717.00
HA-0012x/08x-08-1/Z	\$309.00	HS-0012x/08x-08-1/Z	\$796.00
HA-0012x/08x-09-1/Z	\$340.00	HS-0012x/08x-09-1/Z	\$875.00

1" NPT (#16 SAE) End Ports w / 1/2" NPT (#8 SAE) Side Ports

Aluminum / 0 Degree		Steel / 0 Degree	
HA-0016x/08x-02-1/Z	\$154	HS-0016x/08x-02-1/Z	\$310
HA-0016x/08x-03-1/Z	\$225	HS-0016x/08x-03-1/Z	\$471
HA-0016x/08x-04-1/Z	\$293	HS-0016x/08x-04-1/Z	\$628
HA-0016x/08x-05-1/Z	\$350	HS-0016x/08x-05-1/Z	\$723
HA-0016x/08x-06-1/Z	\$388	HS-0016x/08x-06-1/Z	\$816
HA-0016x/08x-07-1/Z	\$469	HS-0016x/08x-07-1/Z	\$924

1/2" NPT (#8 SAE) End Ports w / 3/8" NPT (#6 SAE) Side Ports

Aluminum / 0 Degree		Steel / 0 Degree	
HA-0008x/06x-02-1/Z	\$60.00	HS-0008x/06x-02-1/Z	\$170.00
HA-0008x/06x-03-1/Z	\$81.00	HS-0008x/06x-03-1/Z	\$248.00
HA-0008x/06x-04-1/Z	\$100.00	HS-0008x/06x-04-1/Z	\$312.00
HA-0008x/06x-05-1/Z	\$122.00	HS-0008x/06x-05-1/Z	\$413.00
HA-0008x/06x-06-1/Z	\$125.00	HS-0008x/06x-06-1/Z	\$469.00
HA-0008x/06x-07-1/Z	\$140.00	HS-0008x/06x-07-1/Z	\$542.00
HA-0008x/06x-08-1/Z	\$155.00	HS-0008x/06x-08-1/Z	\$595.00
HA-0008x/06x-09-1/Z	\$179.00	HS-0008x/06x-09-1/Z	\$684.00
HA-0008x/06x-10-1/Z	\$202.00	HS-0008x/06x-10-1/Z	\$773.00

3/4" NPT (#12 SAE) End Ports w / 3/8" NPT (#6 SAE) Side Ports

Aluminum / 0 Degree		Steel / 0 Degree	
HA-0012x/06x-02-1/Z	\$112	HS-0012x/06x-02-1/Z	\$238
HA-0012x/06x-03-1/Z	\$151	HS-0012x/06x-03-1/Z	\$327
HA-0012x/06x-04-1/Z	\$207	HS-0012x/06x-04-1/Z	\$456
HA-0012x/06x-05-1/Z	\$241	HS-0012x/06x-05-1/Z	\$586
HA-0012x/06x-06-1/Z	\$274	HS-0012x/06x-06-1/Z	\$667
HA-0012x/06x-07-1/Z	\$311	HS-0012x/06x-07-1/Z	\$752
HA-0012x/06x-08-1/Z	\$340	HS-0012x/06x-08-1/Z	\$835
HA-0012x/06x-09-1/Z	\$374	HS-0012x/06x-09-1/Z	\$918

3/4" NPT (#12 SAE) End Ports w / 3/4" NPT (#12 SAE) Side Ports

Aluminum / 0 Degree		Steel / 0 Degree	
HA-0012x/12x-02-1/Z	\$154	HS-0012x/12x-02-1/Z	\$310
HA-0012x/12x-03-1/Z	\$225	HS-0012x/12x-03-1/Z	\$471
HA-0012x/12x-04-1/Z	\$293	HS-0012x/12x-04-1/Z	\$628
HA-0012x/12x-05-1/Z	\$350	HS-0012x/12x-05-1/Z	\$723
HA-0012x/12x-06-1/Z	\$388	HS-0012x/12x-06-1/Z	\$816
HA-0012x/12x-07-1/Z	\$469	HS-0012x/12x-07-1/Z	\$924

1" NPT (#16 SAE) End Ports w / 3/4" NPT (#12 SAE) Side Ports

Aluminum / 0 Degree		Steel / 0 Degree	
HA-0016x/12x-02-1/Z	\$140.00	HS-0016x/12x-02-1/Z	\$296.00
HA-0016x/12x-03-1/Z	\$205.00	HS-0016x/12x-03-1/Z	\$449.00
HA-0016x/12x-04-1/Z	\$267.00	HS-0016x/12x-04-1/Z	\$598.00
HA-0016x/12x-05-1/Z	\$319.00	HS-0016x/12x-05-1/Z	\$689.00
HA-0016x/12x-06-1/Z	\$353.00	HS-0016x/12x-06-1/Z	\$778.00
HA-0016x/12x-07-1/Z	\$427.00	HS-0016x/12x-07-1/Z	\$880.00

* Please Note: Header Bar Manifolds are Non-Returnable

Note: x - End & Side Port Thread Code
P - NPT Threads S - SAE Threads
BSP, BSPT and Metric threads are also available,
consult factory for price.

"Standard" Port Sizes and combinations are shown. Header Manifolds with "Non-Standard" Port Sizes or combinations are available - Request Quote.

MagnaLoy coupling company 170 N Industrial Hwy., Alpena, MI 49707 989-356-2186

A Division of Douville Johnston Corporation

Fax: 989-354-4190 www.magnaloy.com



Header Bar Manifolds* with NPT & SAE Ports - 0 Degree

1" NPT (#16 SAE) End Ports w / 1" NPT (#16 SAE) Side Ports

Aluminum / 0 Degree		Steel / 0 Degree	
HA-0016x/16x-02-1/Z	\$154	HS-0016x/16x-02-1/Z	\$310
HA-0016x/16x-03-1/Z	\$225	HS-0016x/16x-03-1/Z	\$471
HA-0016x/16x-04-1/Z	\$293	HS-0016x/16x-04-1/Z	\$628
HA-0016x/16x-05-1/Z	\$350	HS-0016x/16x-05-1/Z	\$723
HA-0016x/16x-06-1/Z	\$388	HS-0016x/16x-06-1/Z	\$816
HA-0016x/16x-07-1/Z	\$469	HS-0016x/16x-07-1/Z	\$924

1 1/4" NPT (#20 SAE) End Ports w / 1" NPT (#16 SAE) Side Ports

Aluminum / 0 Degree		Steel / 0 Degree	
HA-0020x/16x-02-1/Z	\$157.00	HS-0020x/16x-02-1/Z	\$323.00
HA-0020x/16x-03-1/Z	\$213.00	HS-0020x/16x-03-1/Z	\$539.00
HA-0020x/16x-04-1/Z	\$273.00	HS-0020x/16x-04-1/Z	\$656.00
HA-0020x/16x-05-1/Z	\$340.00	HS-0020x/16x-05-1/Z	\$735.00
HA-0020x/16x-06-1/Z	\$392.00	HS-0020x/16x-06-1/Z	\$865.00

1 1/2" NPT (#24 SAE) End Ports w / 1" NPT (#16 SAE) Side Ports

Aluminum / 0 Degree		Steel / 0 Degree	
HA-0024x/16x-02-1/Z	\$235	HS-0024x/16x-02-1/Z	\$488
HA-0024x/16x-03-1/Z	\$327	HS-0024x/16x-03-1/Z	\$683
HA-0024x/16x-04-1/Z	\$391	HS-0024x/16x-04-1/Z	\$846
HA-0024x/16x-05-1/Z	\$510	HS-0024x/16x-05-1/Z	\$1,058
HA-0024x/16x-06-1/Z	\$570	HS-0024x/16x-06-1/Z	\$1,159

1 1/2" NPT (#24 SAE) End Ports w / 1 1/2" NPT (#24 SAE) Side Ports

Aluminum / 0 Degree		Steel / 0 Degree	
HA-0024x/24x-02-1/Z	\$236	HS-0024x/24x-02-1/Z	\$511
HA-0024x/24x-03-1/Z	\$327	HS-0024x/24x-03-1/Z	\$663
HA-0024x/24x-04-1/Z	\$392	HS-0024x/24x-04-1/Z	\$886

#32 SAE End Ports w / 1 1/2" NPT (#24 SAE) Side Ports

Aluminum / 0 Degree		Steel / 0 Degree	
HA-0032S/24x-02-1/Z	\$246	HS-0032S/24x-02-1/Z	\$720
HA-0032S/24x-03-1/Z	\$353	HS-0032S/24x-03-1/Z	\$942
HA-0032S/24x-04-1/Z	\$451	HS-0032S/24x-04-1/Z	\$1,249

1 1/4" NPT (#20 SAE) End Ports w / 3/4" NPT (#12 SAE) Side Ports

Aluminum / 0 Degree		Steel / 0 Degree	
HA-0020x/12x-02-1/Z	\$173	HS-0020x/12x-02-1/Z	\$339
HA-0020x/12x-03-1/Z	\$234	HS-0020x/12x-03-1/Z	\$565
HA-0020x/12x-04-1/Z	\$300	HS-0020x/12x-04-1/Z	\$688
HA-0020x/12x-05-1/Z	\$374	HS-0020x/12x-05-1/Z	\$771
HA-0020x/12x-06-1/Z	\$431	HS-0020x/12x-06-1/Z	\$908
HA-0020x/12x-07-1/Z	\$488	HS-0020x/12x-07-1/Z	\$986

1 1/4" NPT (#20 SAE) End Ports w / 1 1/4" NPT (#20 SAE) Side Ports

Aluminum / 0 Degree		Steel / 0 Degree	
HA-0020x/20x-02-1/Z	\$173	HS-0020x/20x-02-1/Z	\$339
HA-0020x/20x-03-1/Z	\$234	HS-0020x/20x-03-1/Z	\$565
HA-0020x/20x-04-1/Z	\$300	HS-0020x/20x-04-1/Z	\$688
HA-0020x/20x-05-1/Z	\$374	HS-0020x/20x-05-1/Z	\$771

1 1/2" NPT (#24 SAE) End Ports w / 1 1/4" NPT (#20 SAE) Side Ports

Aluminum / 0 Degree		Steel / 0 Degree	
HA-0024x/20x-02-1/Z	\$209.00	HS-0024x/20x-02-1/Z	\$465.00
HA-0024x/20x-03-1/Z	\$297.00	HS-0024x/20x-03-1/Z	\$603.00
HA-0024x/20x-04-1/Z	\$356.00	HS-0024x/20x-04-1/Z	\$804.00
HA-0024x/20x-05-1/Z	\$464.00	HS-0024x/20x-05-1/Z	\$1,008.00

2" NPT End Ports w / 1 1/2" NPT (#24 SAE) Side Ports

Aluminum / 0 Degree		Steel / 0 Degree	
HA-0032P/24x-02-1/Z	\$327	HS-0032P/24x-02-1/Z	\$720
HA-0032P/24x-03-1/Z	\$443	HS-0032P/24x-03-1/Z	\$942
HA-0032P/24x-04-1/Z	\$614	HS-0032P/24x-04-1/Z	\$1,249

* Please Note: Header Bar Manifolds are Non-Returnable

Note: x - End & Side Port Thread Code

P - NPT Threads S - SAE Threads

BSPP, BSPT and Metric threads are also available,
consult factory for price.

"Standard" Port Sizes and combinations are shown. Header Manifolds with "Non-Standard" Port Sizes or combinations are available - Request Quote.

Header Bar Manifolds* with NPT & SAE Ports - 90 Degree



1/8" NPT End Ports w/ 1/16" NPT Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
HA-0902P/01P-02-1/Z	\$87	HS-0902P/01P-02-1/Z	\$207
HA-0902P/01P-03-1/Z	\$97	HS-0902P/01P-03-1/Z	\$300
HA-0902P/01P-04-1/Z	\$131	HS-0902P/01P-04-1/Z	\$380
HA-0902P/01P-05-1/Z	\$146	HS-0902P/01P-05-1/Z	\$433
HA-0902P/01P-06-1/Z	\$158	HS-0902P/01P-06-1/Z	\$487
HA-0902P/01P-07-1/Z	\$206	HS-0902P/01P-07-1/Z	\$516
HA-0902P/01P-08-1/Z	\$246	HS-0902P/01P-08-1/Z	\$593
HA-0902P/01P-09-1/Z	\$285	HS-0902P/01P-09-1/Z	\$678
HA-0902P/01P-10-1/Z	\$322	HS-0902P/01P-10-1/Z	\$756

1/8" NPT End Ports w/ 1/8" NPT Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
HA-0902P/02P-02-1/Z	\$87	HS-0902P/02P-02-1/Z	\$207
HA-0902P/02P-03-1/Z	\$97	HS-0902P/02P-03-1/Z	\$300
HA-0902P/02P-04-1/Z	\$131	HS-0902P/02P-04-1/Z	\$380
HA-0902P/02P-05-1/Z	\$146	HS-0902P/02P-05-1/Z	\$433
HA-0902P/02P-06-1/Z	\$158	HS-0902P/02P-06-1/Z	\$487
HA-0902P/02P-07-1/Z	\$206	HS-0902P/02P-07-1/Z	\$516
HA-0902P/02P-08-1/Z	\$246	HS-0902P/02P-08-1/Z	\$593
HA-0902P/02P-09-1/Z	\$285	HS-0902P/02P-09-1/Z	\$678
HA-0902P/02P-10-1/Z	\$322	HS-0902P/02P-10-1/Z	\$756

1/4" NPT End Ports w/ 1/8" NPT Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
HA-0904P/02P-02-1/Z	\$96	HS-0904P/02P-02-1/Z	\$217
HA-0904P/02P-03-1/Z	\$107	HS-0904P/02P-03-1/Z	\$315
HA-0904P/02P-04-1/Z	\$144	HS-0904P/02P-04-1/Z	\$399
HA-0904P/02P-05-1/Z	\$161	HS-0904P/02P-05-1/Z	\$454
HA-0904P/02P-06-1/Z	\$173	HS-0904P/02P-06-1/Z	\$511
HA-0904P/02P-07-1/Z	\$226	HS-0904P/02P-07-1/Z	\$541
HA-0904P/02P-08-1/Z	\$270	HS-0904P/02P-08-1/Z	\$622
HA-0904P/02P-09-1/Z	\$313	HS-0904P/02P-09-1/Z	\$711
HA-0904P/02P-10-1/Z	\$354	HS-0904P/02P-10-1/Z	\$793

1/4" NPT (#4 SAE) End Ports w/ 1/4" NPT (#4 SAE) Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
HA-0904x/04x-02-1/Z	\$96	HS-0904x/04x-02-1/Z	\$217
HA-0904x/04x-03-1/Z	\$107	HS-0904x/04x-03-1/Z	\$315
HA-0904x/04x-04-1/Z	\$144	HS-0904x/04x-04-1/Z	\$399
HA-0904x/04x-05-1/Z	\$161	HS-0904x/04x-05-1/Z	\$454
HA-0904x/04x-06-1/Z	\$173	HS-0904x/04x-06-1/Z	\$511
HA-0904x/04x-07-1/Z	\$226	HS-0904x/04x-07-1/Z	\$541
HA-0904x/04x-08-1/Z	\$270	HS-0904x/04x-08-1/Z	\$622
HA-0904x/04x-09-1/Z	\$313	HS-0904x/04x-09-1/Z	\$711
HA-0904x/04x-10-1/Z	\$354	HS-0904x/04x-10-1/Z	\$793

3/8" NPT (#6 SAE) End Ports w/ 1/8" NPT Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
HA-0906x/02P-02-1/Z	\$87	HS-0906x/02x-02-1/Z	\$207
HA-0906x/02P-03-1/Z	\$97	HS-0906x/02x-03-1/Z	\$300
HA-0906x/02P-04-1/Z	\$131	HS-0906x/02x-04-1/Z	\$380
HA-0906x/02P-05-1/Z	\$146	HS-0906x/02x-05-1/Z	\$433
HA-0906x/02P-06-1/Z	\$158	HS-0906x/02x-06-1/Z	\$487
HA-0906x/02P-07-1/Z	\$206	HS-0906x/02x-07-1/Z	\$516
HA-0906x/02P-08-1/Z	\$246	HS-0906x/02x-08-1/Z	\$593
HA-0906x/02P-09-1/Z	\$285	HS-0906x/02x-09-1/Z	\$678
HA-0906x/02P-10-1/Z	\$322	HS-0906x/02x-10-1/Z	\$756

3/8" NPT (#6 SAE) End Ports w/ 1/4" NPT (#4 SAE) Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
HA-0906x/04x-02-1/Z	\$79.00	HS-0906x/04x-02-1/Z	\$197.00
HA-0906x/04x-03-1/Z	\$88.00	HS-0906x/04x-03-1/Z	\$286.00
HA-0906x/04x-04-1/Z	\$119.00	HS-0906x/04x-04-1/Z	\$362.00
HA-0906x/04x-05-1/Z	\$133.00	HS-0906x/04x-05-1/Z	\$413.00
HA-0906x/04x-06-1/Z	\$144.00	HS-0906x/04x-06-1/Z	\$464.00
HA-0906x/04x-07-1/Z	\$187.00	HS-0906x/04x-07-1/Z	\$492.00
HA-0906x/04x-08-1/Z	\$224.00	HS-0906x/04x-08-1/Z	\$565.00
HA-0906x/04x-09-1/Z	\$259.00	HS-0906x/04x-09-1/Z	\$646.00
HA-0906x/04x-10-1/Z	\$293.00	HS-0906x/04x-10-1/Z	\$720.00

* Please Note: Header Bar Manifolds are Non-Returnable

Note: x - End & Side Port Thread Code

P - NPT Threads

S - SAE Threads

BSPP, BSPT and Metric threads are also available,
consult factory for price.

"Standard" Port Sizes and combinations are shown. Header Manifolds with "Non-Standard" Port Sizes or combinations are available - Request Quote.

MagnaLox coupling company 170 N Industrial Hwy., Alpena, MI 49707 989-356-2186

A Division of Douville Johnston Corporation

Fax: 989-354-4190 www.magnaLox.com



Header Bar Manifolds* with NPT & SAE Ports - 90 Degree

3/8" NPT (#6 SAE) End Ports w / 3/8" NPT (#6 SAE) Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
HA-0906x/06x-02-1/Z	\$84	HS-0906x/06x-02-1/Z	\$211
HA-0906x/06x-03-1/Z	\$111	HS-0906x/06x-03-1/Z	\$309
HA-0906x/06x-04-1/Z	\$136	HS-0906x/06x-04-1/Z	\$411
HA-0906x/06x-05-1/Z	\$158	HS-0906x/06x-05-1/Z	\$471
HA-0906x/06x-06-1/Z	\$184	HS-0906x/06x-06-1/Z	\$514
HA-0906x/06x-07-1/Z	\$225	HS-0906x/06x-07-1/Z	\$543
HA-0906x/06x-08-1/Z	\$260	HS-0906x/06x-08-1/Z	\$624
HA-0906x/06x-09-1/Z	\$277	HS-0906x/06x-09-1/Z	\$716
HA-0906x/06x-10-1/Z	\$332	HS-0906x/06x-10-1/Z	\$811

1/2" NPT (#8 SAE) End Ports w / 1/4" NPT (#4 SAE) Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
HA-0908x/04x-02-1/Z	\$84	HS-0908x/04x-02-1/Z	\$211
HA-0908x/04x-03-1/Z	\$111	HS-0908x/04x-03-1/Z	\$309
HA-0908x/04x-04-1/Z	\$136	HS-0908x/04x-04-1/Z	\$411
HA-0908x/04x-05-1/Z	\$158	HS-0908x/04x-05-1/Z	\$471
HA-0908x/04x-06-1/Z	\$184	HS-0908x/04x-06-1/Z	\$514
HA-0908x/04x-07-1/Z	\$225	HS-0908x/04x-07-1/Z	\$543
HA-0908x/04x-08-1/Z	\$260	HS-0908x/04x-08-1/Z	\$624
HA-0908x/04x-09-1/Z	\$277	HS-0908x/04x-09-1/Z	\$716
HA-0908x/04x-10-1/Z	\$332	HS-0908x/04x-10-1/Z	\$811

1/2" NPT (#8 SAE) End Ports w / 3/8" NPT (#6 SAE) Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
HA-0908x/06x-02-1/Z	\$76.00	HS-0908x/06x-02-1/Z	\$201.00
HA-0908x/06x-03-1/Z	\$101.00	HS-0908x/06x-03-1/Z	\$295.00
HA-0908x/06x-04-1/Z	\$124.00	HS-0908x/06x-04-1/Z	\$392.00
HA-0908x/06x-05-1/Z	\$144.00	HS-0908x/06x-05-1/Z	\$449.00
HA-0908x/06x-06-1/Z	\$167.00	HS-0908x/06x-06-1/Z	\$490.00
HA-0908x/06x-07-1/Z	\$205.00	HS-0908x/06x-07-1/Z	\$517.00
HA-0908x/06x-08-1/Z	\$237.00	HS-0908x/06x-08-1/Z	\$595.00
HA-0908x/06x-09-1/Z	\$252.00	HS-0908x/06x-09-1/Z	\$682.00
HA-0908x/06x-10-1/Z	\$302.00	HS-0908x/06x-10-1/Z	\$773.00

1/2" NPT (#8 SAE) End Ports w / 1/2" NPT (#8 SAE) Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
HA-0908x/08x-02-1/Z	\$84	HS-0908x/08x-02-1/Z	\$211
HA-0908x/08x-03-1/Z	\$111	HS-0908x/08x-03-1/Z	\$309
HA-0908x/08x-04-1/Z	\$136	HS-0908x/08x-04-1/Z	\$411
HA-0908x/08x-05-1/Z	\$158	HS-0908x/08x-05-1/Z	\$471
HA-0908x/08x-06-1/Z	\$184	HS-0908x/08x-06-1/Z	\$514
HA-0908x/08x-07-1/Z	\$225	HS-0908x/08x-07-1/Z	\$543
HA-0908x/08x-08-1/Z	\$260	HS-0908x/08x-08-1/Z	\$624
HA-0908x/08x-09-1/Z	\$277	HS-0908x/08x-09-1/Z	\$716
HA-0908x/08x-10-1/Z	\$332	HS-0908x/08x-10-1/Z	\$811

3/4" NPT (#12 SAE) End Ports w / 3/8" NPT (#6 SAE) Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
HA-0912x/06x-02-1/Z	\$132	HS-0912x/06x-02-1/Z	\$273
HA-0912x/06x-03-1/Z	\$186	HS-0912x/06x-03-1/Z	\$387
HA-0912x/06x-04-1/Z	\$261	HS-0912x/06x-04-1/Z	\$546
HA-0912x/06x-05-1/Z	\$321	HS-0912x/06x-05-1/Z	\$642
HA-0912x/06x-06-1/Z	\$346	HS-0912x/06x-06-1/Z	\$738
HA-0912x/06x-07-1/Z	\$418	HS-0912x/06x-07-1/Z	\$829
HA-0912x/06x-08-1/Z	\$465	HS-0912x/06x-08-1/Z	\$996
HA-0912x/06x-09-1/Z	\$530	HS-0912x/06x-09-1/Z	\$1,050

3/4" NPT (#12 SAE) End Ports w / 1/2" NPT (#8 SAE) Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
HA-0912x/08x-02-1/Z	\$120.00	HS-0912x/08x-02-1/Z	\$260.00
HA-0912x/08x-03-1/Z	\$169.00	HS-0912x/08x-03-1/Z	\$369.00
HA-0912x/08x-04-1/Z	\$237.00	HS-0912x/08x-04-1/Z	\$520.00
HA-0912x/08x-05-1/Z	\$292.00	HS-0912x/08x-05-1/Z	\$612.00
HA-0912x/08x-06-1/Z	\$315.00	HS-0912x/08x-06-1/Z	\$703.00
HA-0912x/08x-07-1/Z	\$380.00	HS-0912x/08x-07-1/Z	\$790.00
HA-0912x/08x-08-1/Z	\$423.00	HS-0912x/08x-08-1/Z	\$949.00
HA-0912x/08x-09-1/Z	\$482.00	HS-0912x/08x-09-1/Z	\$1,000.00

* Please Note: Header Bar Manifolds are Non-Returnable

Note: x - End & Side Port Thread Code

P - NPT Threads

S - SAE Threads

BSPP, BSPT and Metric threads are also available,
consult factory for price.

"Standard" Port Sizes and combinations are shown. Header Manifolds with "Non-Standard" Port Sizes or combinations are available - Request Quote.

Header Bar Manifolds* with NPT & SAE Ports - 90 Degree



3/4" NPT (#12 SAE) End Ports w / 3/4" NPT (#12 SAE) Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
HA-0912x/12x-02-1/Z	\$148	HS-0912x/12x-02-1/Z	\$315
HA-0912x/12x-03-1/Z	\$227	HS-0912x/12x-03-1/Z	\$488
HA-0912x/12x-04-1/Z	\$314	HS-0912x/12x-04-1/Z	\$690
HA-0912x/12x-05-1/Z	\$380	HS-0912x/12x-05-1/Z	\$816
HA-0912x/12x-06-1/Z	\$439	HS-0912x/12x-06-1/Z	\$973
HA-0912x/12x-07-1/Z	\$509	HS-0912x/12x-07-1/Z	\$1,049

1" NPT (#16 SAE) End Ports w / 1/2" NPT (#8 SAE) Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
HA-0916x/08x-02-1/Z	\$162	HS-0916x/08x-02-1/Z	\$330
HA-0916x/08x-03-1/Z	\$249	HS-0916x/08x-03-1/Z	\$512
HA-0916x/08x-04-1/Z	\$345	HS-0916x/08x-04-1/Z	\$724
HA-0916x/08x-05-1/Z	\$418	HS-0916x/08x-05-1/Z	\$856
HA-0916x/08x-06-1/Z	\$482	HS-0916x/08x-06-1/Z	\$1,021
HA-0916x/08x-07-1/Z	\$560	HS-0916x/08x-07-1/Z	\$1,101

1" NPT (#16 SAE) End Ports w / 3/4" NPT (#12 SAE) Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
HA-0916x/12x-02-1/Z	\$148.00	HS-0916x/12x-02-1/Z	\$315.00
HA-0916x/12x-03-1/Z	\$227.00	HS-0916x/12x-03-1/Z	\$488.00
HA-0916x/12x-04-1/Z	\$314.00	HS-0916x/12x-04-1/Z	\$690.00
HA-0916x/12x-05-1/Z	\$380.00	HS-0916x/12x-05-1/Z	\$816.00
HA-0916x/12x-06-1/Z	\$439.00	HS-0916x/12x-06-1/Z	\$973.00
HA-0916x/12x-07-1/Z	\$509.00	HS-0916x/12x-07-1/Z	\$1,049.00

1" NPT (#16 SAE) End Ports w / 1" NPT (#16 SAE) Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
HA-0916x/16x-02-1/Z	\$162	HS-0916x/16x-02-1/Z	\$330
HA-0916x/16x-03-1/Z	\$249	HS-0916x/16x-03-1/Z	\$512
HA-0916x/16x-04-1/Z	\$345	HS-0916x/16x-04-1/Z	\$724
HA-0916x/16x-05-1/Z	\$418	HS-0916x/16x-05-1/Z	\$856
HA-0916x/16x-06-1/Z	\$482	HS-0916x/16x-06-1/Z	\$1,021
HA-0916x/16x-07-1/Z	\$560	HS-0916x/16x-07-1/Z	\$1,101

1 1/4" NPT (#20 SAE) End Ports w / 3/4" NPT (#12 SAE) Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
HA-0920x/12x-02-1/Z	\$188	HS-0920x/12x-02-1/Z	\$406
HA-0920x/12x-03-1/Z	\$271	HS-0920x/12x-03-1/Z	\$517
HA-0920x/12x-04-1/Z	\$359	HS-0920x/12x-04-1/Z	\$752
HA-0920x/12x-05-1/Z	\$440	HS-0920x/12x-05-1/Z	\$921
HA-0920x/12x-06-1/Z	\$511	HS-0920x/12x-06-1/Z	\$1,094
HA-0920x/12x-07-1/Z	\$530	HS-0920x/12x-07-1/Z	\$1,267

1 1/4" NPT (#20 SAE) End Ports w / 1" NPT (#16 SAE) Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
HA-0920x/16x-02-1/Z	\$171.00	HS-0920x/16x-02-1/Z	\$387.00
HA-0920x/16x-03-1/Z	\$247.00	HS-0920x/16x-03-1/Z	\$493.00
HA-0920x/16x-04-1/Z	\$327.00	HS-0920x/16x-04-1/Z	\$717.00
HA-0920x/16x-05-1/Z	\$400.00	HS-0920x/16x-05-1/Z	\$878.00
HA-0920x/16x-06-1/Z	\$465.00	HS-0920x/16x-06-1/Z	\$1,042.00

1 1/4" NPT (#20 SAE) End Ports w / 1 1/4" NPT (#20 SAE) Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
HA-0920x/20x-02-1/Z	\$188	HS-0920x/20x-02-1/Z	\$406
HA-0920x/20x-03-1/Z	\$271	HS-0920x/20x-03-1/Z	\$517
HA-0920x/20x-04-1/Z	\$359	HS-0920x/20x-04-1/Z	\$752
HA-0920x/20x-05-1/Z	\$440	HS-0920x/20x-05-1/Z	\$921

1 1/2" NPT (#24 SAE) End Ports w / 1" NPT (#16 SAE) Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
HA-0924x/16x-02-1/Z	\$248	HS-0924x/16x-02-1/Z	\$518
HA-0924x/16x-03-1/Z	\$365	HS-0924x/16x-03-1/Z	\$721
HA-0924x/16x-04-1/Z	\$456	HS-0924x/16x-04-1/Z	\$933
HA-0924x/16x-05-1/Z	\$556	HS-0924x/16x-05-1/Z	\$1,145
HA-0924x/16x-06-1/Z	\$656	HS-0924x/16x-06-1/Z	\$1,357

* Please Note: Header Bar Manifolds are Non-Returnable

Note: x - End & Side Port Thread Code

P - NPT Threads

S - SAE Threads

BSPP, BSPT and Metric threads are also available,
consult factory for price.

"Standard" Port Sizes and combinations are shown. Header Manifolds with "Non-Standard" Port Sizes or combinations are available - Request Quote.

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Header Bar Manifolds* with NPT & SAE Ports - 90 Degree

1 1/2" NPT (#24 SAE) End Ports w / 1 1/4" NPT (#20 SAE) Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
HA-0924x/20x-02-1/Z	\$248.00	HS-0924x/20x-02-1/Z	\$518.00
HA-0924x/20x-03-1/Z	\$365.00	HS-0924x/20x-03-1/Z	\$721.00
HA-0924x/20x-04-1/Z	\$456.00	HS-0924x/20x-04-1/Z	\$933.00
HA-0924x/20x-05-1/Z	\$556.00	HS-0924x/20x-05-1/Z	\$1,145.00

1 1/2" NPT (#24 SAE) End Ports w / 1 1/2" NPT (#24 SAE) Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
HA-0924x/24x-02-1/Z	\$272	HS-0924x/24x-02-1/Z	\$544
HA-0924x/24x-03-1/Z	\$402	HS-0924x/24x-03-1/Z	\$757
HA-0924x/24x-04-1/Z	\$501	HS-0924x/24x-04-1/Z	\$979

2" NPT End Ports w / 1 1/2" NPT (#24 SAE) Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
HA-0932P/24x-02-1/Z	\$382	HS-0932P/24x-02-1/Z	\$729
HA-0932P/24x-03-1/Z	\$546	HS-0932P/24x-03-1/Z	\$1,046
HA-0932P/24x-04-1/Z	\$743	HS-0932P/24x-04-1/Z	\$1,371

#32 SAE End Ports w / 1 1/2" NPT (#24 SAE) Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
HA-0932S/24x-02-1/Z	\$367	HS-0932S/24x-02-1/Z	\$729
HA-0932S/24x-03-1/Z	\$546	HS-0932S/24x-03-1/Z	\$1,046
HA-0932S/24x-04-1/Z	\$743	HS-0932S/24x-04-1/Z	\$1,371

* Please Note: Header Bar Manifolds are Non-Returnable

Note: x - End & Side Port Thread Code

P - NPT Threads

S - SAE Threads

BSPP, BSPT and Metric threads are also available,
consult factory for price.

"Standard" Port Sizes and combinations are shown. Header Manifolds with "Non-Standard" Port Sizes or combinations are available - Request Quote.

Header Bar Manifolds* with NPT & SAE Ports - 180 Degree



1/8" NPT End Ports w/ 1/16" NPT Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
HA-1802P/01P-02-1/Z	\$87	HS-1802P/01P-02-1/Z	\$207
HA-1802P/01P-03-1/Z	\$97	HS-1802P/01P-03-1/Z	\$300
HA-1802P/01P-04-1/Z	\$131	HS-1802P/01P-04-1/Z	\$380
HA-1802P/01P-05-1/Z	\$146	HS-1802P/01P-05-1/Z	\$483
HA-1802P/01P-06-1/Z	\$158	HS-1802P/01P-06-1/Z	\$487
HA-1802P/01P-07-1/Z	\$206	HS-1802P/01P-07-1/Z	\$516
HA-1802P/01P-08-1/Z	\$246	HS-1802P/01P-08-1/Z	\$593
HA-1802P/01P-09-1/Z	\$285	HS-1802P/01P-09-1/Z	\$678
HA-1802P/01P-10-1/Z	\$322	HS-1802P/01P-10-1/Z	\$756

1/8" NPT End Ports w/ 1/8" NPT Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
HA-1802P/02P-02-1/Z	\$87	HS-1802P/02P-02-1/Z	\$207
HA-1802P/02P-03-1/Z	\$97	HS-1802P/02P-03-1/Z	\$300
HA-1802P/02P-04-1/Z	\$131	HS-1802P/02P-04-1/Z	\$380
HA-1802P/02P-05-1/Z	\$146	HS-1802P/02P-05-1/Z	\$433
HA-1802P/02P-06-1/Z	\$158	HS-1802P/02P-06-1/Z	\$487
HA-1802P/02P-07-1/Z	\$206	HS-1802P/02P-07-1/Z	\$516
HA-1802P/02P-08-1/Z	\$246	HS-1802P/02P-08-1/Z	\$593
HA-1802P/02P-09-1/Z	\$285	HS-1802P/02P-09-1/Z	\$678
HA-1802P/02P-10-1/Z	\$322	HS-1802P/02P-10-1/Z	\$756

1/4" NPT End Ports w/ 1/8" NPT Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
HA-1804P/02P-02-1/Z	\$96	HS-1804P/02P-02-1/Z	\$217
HA-1804P/02P-03-1/Z	\$107	HS-1804P/02P-03-1/Z	\$315
HA-1804P/02P-04-1/Z	\$144	HS-1804P/02P-04-1/Z	\$399
HA-1804P/02P-05-1/Z	\$161	HS-1804P/02P-05-1/Z	\$454
HA-1804P/02P-06-1/Z	\$173	HS-1804P/02P-06-1/Z	\$511
HA-1804P/02P-07-1/Z	\$226	HS-1804P/02P-07-1/Z	\$541
HA-1804P/02P-08-1/Z	\$270	HS-1804P/02P-08-1/Z	\$622
HA-1804P/02P-09-1/Z	\$313	HS-1804P/02P-09-1/Z	\$711
HA-1804P/02P-10-1/Z	\$354	HS-1804P/02P-10-1/Z	\$793

1/4" NPT (#4 SAE) End Ports w/ 1/4" NPT (#4 SAE) Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
HA-1804x/04x-02-1/Z	\$96	HS-1804x/04x-02-1/Z	\$217
HA-1804x/04x-03-1/Z	\$107	HS-1804x/04x-03-1/Z	\$315
HA-1804x/04x-04-1/Z	\$144	HS-1804x/04x-04-1/Z	\$399
HA-1804x/04x-05-1/Z	\$161	HS-1804x/04x-05-1/Z	\$454
HA-1804x/04x-06-1/Z	\$173	HS-1804x/04x-06-1/Z	\$511
HA-1804x/04x-07-1/Z	\$226	HS-1804x/04x-07-1/Z	\$541
HA-1804x/04x-08-1/Z	\$270	HS-1804x/04x-08-1/Z	\$622
HA-1804x/04x-09-1/Z	\$313	HS-1804x/04x-09-1/Z	\$711
HA-1804x/04x-10-1/Z	\$354	HS-1804x/04x-10-1/Z	\$793

3/8" NPT (#6 SAE) End Ports w/ 1/8" NPT Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
HA-1806x/02P-02-1/Z	\$87	HS-1806x/02x-02-1/Z	\$207
HA-1806x/02P-03-1/Z	\$97	HS-1806x/02x-03-1/Z	\$300
HA-1806x/02P-04-1/Z	\$131	HS-1806x/02x-04-1/Z	\$380
HA-1806x/02P-05-1/Z	\$146	HS-1806x/02x-05-1/Z	\$433
HA-1806x/02P-06-1/Z	\$158	HS-1806x/02x-06-1/Z	\$487
HA-1806x/02P-07-1/Z	\$206	HS-1806x/02x-07-1/Z	\$516
HA-1806x/02P-08-1/Z	\$246	HS-1806x/02x-08-1/Z	\$593
HA-1806x/02P-09-1/Z	\$285	HS-1806x/02x-09-1/Z	\$678
HA-1806x/02P-10-1/Z	\$322	HS-1806x/02x-10-1/Z	\$756

3/8" NPT (#6 SAE) End Ports w/ 1/4" NPT (#4 SAE) Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
HA-1806x/04x-02-1/Z	\$79.00	HS-1806x/04x-02-1/Z	\$197.00
HA-1806x/04x-03-1/Z	\$88.00	HS-1806x/04x-03-1/Z	\$286.00
HA-1806x/04x-04-1/Z	\$119.00	HS-1806x/04x-04-1/Z	\$362.00
HA-1806x/04x-05-1/Z	\$133.00	HS-1806x/04x-05-1/Z	\$413.00
HA-1806x/04x-06-1/Z	\$144.00	HS-1806x/04x-06-1/Z	\$464.00
HA-1806x/04x-07-1/Z	\$187.00	HS-1806x/04x-07-1/Z	\$492.00
HA-1806x/04x-08-1/Z	\$224.00	HS-1806x/04x-08-1/Z	\$565.00
HA-1806x/04x-09-1/Z	\$259.00	HS-1806x/04x-09-1/Z	\$646.00
HA-1806x/04x-10-1/Z	\$293.00	HS-1806x/04x-10-1/Z	\$720.00

* Please Note: Header Bar Manifolds are Non-Returnable

Note: x - End & Side Port Thread Code

P - NPT Threads

S - SAE Threads

BSPP, BSPT and Metric threads are also available,
consult factory for price.

"Standard" Port Sizes and combinations are shown. Header Manifolds with "Non-Standard" Port Sizes or combinations are available - Request Quote.

MagnaLoY coupling company 170 N Industrial Hwy., Alpena, MI 49707 989-356-2186

A Division of Douville Johnston Corporation

Fax: 989-354-4190 www.magnaLoY.com



Header Bar Manifolds* with NPT & SAE Ports - 180 Degree

3/8" NPT (#6 SAE) End Ports w / 3/8" NPT (#6 SAE) Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
HA-1806x/06x-02-1/Z	\$84	HS-1806x/06x-02-1/Z	\$211
HA-1806x/06x-03-1/Z	\$111	HS-1806x/06x-03-1/Z	\$309
HA-1806x/06x-04-1/Z	\$136	HS-1806x/06x-04-1/Z	\$411
HA-1806x/06x-05-1/Z	\$158	HS-1806x/06x-05-1/Z	\$471
HA-1806x/06x-06-1/Z	\$184	HS-1806x/06x-06-1/Z	\$514
HA-1806x/06x-07-1/Z	\$225	HS-1806x/06x-07-1/Z	\$543
HA-1806x/06x-08-1/Z	\$260	HS-1806x/06x-08-1/Z	\$624
HA-1806x/06x-09-1/Z	\$277	HS-1806x/06x-09-1/Z	\$716
HA-1806x/06x-10-1/Z	\$332	HS-1806x/06x-10-1/Z	\$811

1/2" NPT (#8 SAE) End Ports w / 1/4" NPT (#4 SAE) Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
HA-1808x/04x-02-1/Z	\$84	HS-1808x/04x-02-1/Z	\$211
HA-1808x/04x-03-1/Z	\$111	HS-1808x/04x-03-1/Z	\$309
HA-1808x/04x-04-1/Z	\$136	HS-1808x/04x-04-1/Z	\$411
HA-1808x/04x-05-1/Z	\$158	HS-1808x/04x-05-1/Z	\$471
HA-1808x/04x-06-1/Z	\$184	HS-1808x/04x-06-1/Z	\$514
HA-1808x/04x-07-1/Z	\$225	HS-1808x/04x-07-1/Z	\$543
HA-1808x/04x-08-1/Z	\$260	HS-1808x/04x-08-1/Z	\$624
HA-1808x/04x-09-1/Z	\$277	HS-1808x/04x-09-1/Z	\$716
HA-1808x/04x-10-1/Z	\$332	HS-1808x/04x-10-1/Z	\$811

1/2" NPT (#8 SAE) End Ports w / 3/8" NPT (#6 SAE) Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
HA-1808x/06x-02-1/Z	\$76.00	HS-1808x/06x-02-1/Z	\$201.00
HA-1808x/06x-03-1/Z	\$101.00	HS-1808x/06x-03-1/Z	\$295.00
HA-1808x/06x-04-1/Z	\$124.00	HS-1808x/06x-04-1/Z	\$392.00
HA-1808x/06x-05-1/Z	\$144.00	HS-1808x/06x-05-1/Z	\$449.00
HA-1808x/06x-06-1/Z	\$167.00	HS-1808x/06x-06-1/Z	\$490.00
HA-1808x/06x-07-1/Z	\$205.00	HS-1808x/06x-07-1/Z	\$517.00
HA-1808x/06x-08-1/Z	\$237.00	HS-1808x/06x-08-1/Z	\$595.00
HA-1808x/06x-09-1/Z	\$252.00	HS-1808x/06x-09-1/Z	\$682.00
HA-1808x/06x-10-1/Z	\$302.00	HS-1808x/06x-10-1/Z	\$773.00

1/2" NPT (#8 SAE) End Ports w / 1/2" NPT (#8 SAE) Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
HA-1808x/08x-02-1/Z	\$84	HS-1808x/08x-02-1/Z	\$271
HA-1808x/08x-03-1/Z	\$111	HS-1808x/08x-03-1/Z	\$309
HA-1808x/08x-04-1/Z	\$136	HS-1808x/08x-04-1/Z	\$411
HA-1808x/08x-05-1/Z	\$158	HS-1808x/08x-05-1/Z	\$471
HA-1808x/08x-06-1/Z	\$184	HS-1808x/08x-06-1/Z	\$514
HA-1808x/08x-07-1/Z	\$225	HS-1808x/08x-07-1/Z	\$543
HA-1808x/08x-08-1/Z	\$260	HS-1808x/08x-08-1/Z	\$624
HA-1808x/08x-09-1/Z	\$277	HS-1808x/08x-09-1/Z	\$716
HA-1808x/08x-10-1/Z	\$332	HS-1808x/08x-10-1/Z	\$811

3/4" NPT (#12 SAE) End Ports w / 3/8" NPT (#6 SAE) Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
HA-1812x/06x-02-1/Z	\$132	HS-1812x/06x-02-1/Z	\$273
HA-1812x/06x-03-1/Z	\$186	HS-1812x/06x-03-1/Z	\$387
HA-1812x/06x-04-1/Z	\$261	HS-1812x/06x-04-1/Z	\$546
HA-1812x/06x-05-1/Z	\$321	HS-1812x/06x-05-1/Z	\$642
HA-1812x/06x-06-1/Z	\$346	HS-1812x/06x-06-1/Z	\$738
HA-1812x/06x-07-1/Z	\$418	HS-1812x/06x-07-1/Z	\$829
HA-1812x/06x-08-1/Z	\$465	HS-1812x/06x-08-1/Z	\$996
HA-1812x/06x-09-1/Z	\$530	HS-1812x/06x-09-1/Z	\$1,050

3/4" NPT (#12 SAE) End Ports w / 1/2" NPT (#8 SAE) Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
HA-1812x/08x-02-1/Z	\$120.00	HS-1812x/08x-02-1/Z	\$260.00
HA-1812x/08x-03-1/Z	\$169.00	HS-1812x/08x-03-1/Z	\$369.00
HA-1812x/08x-04-1/Z	\$237.00	HS-1812x/08x-04-1/Z	\$520.00
HA-1812x/08x-05-1/Z	\$292.00	HS-1812x/08x-05-1/Z	\$612.00
HA-1812x/08x-06-1/Z	\$315.00	HS-1812x/08x-06-1/Z	\$703.00
HA-1812x/08x-07-1/Z	\$380.00	HS-1812x/08x-07-1/Z	\$790.00
HA-1812x/08x-08-1/Z	\$423.00	HS-1812x/08x-08-1/Z	\$949.00
HA-1812x/08x-09-1/Z	\$482.00	HS-1812x/08x-09-1/Z	\$1,000.00

* Please Note: Header Bar Manifolds are Non-Returnable

Note: x - End & Side Port Thread Code

P - NPT Threads

S - SAE Threads

BSPP, BSPT and Metric threads are also available,
consult factory for price.

"Standard" Port Sizes and combinations are shown. Header Manifolds with "Non-Standard" Port Sizes or combinations are available - Request Quote.

Header Bar Manifolds* with NPT & SAE Ports - 180 Degree



3/4" NPT (#12 SAE) End Ports w / 3/4" NPT (#12 SAE) Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
HA-1812x/12x-02-1/Z	\$148	HS-1812x/12x-02-1/Z	\$315
HA-1812x/12x-03-1/Z	\$227	HS-1812x/12x-03-1/Z	\$488
HA-1812x/12x-04-1/Z	\$314	HS-1812x/12x-04-1/Z	\$690
HA-1812x/12x-05-1/Z	\$380	HS-1812x/12x-05-1/Z	\$816
HA-1812x/12x-06-1/Z	\$439	HS-1812x/12x-06-1/Z	\$973
HA-1812x/12x-07-1/Z	\$509	HS-1812x/12x-07-1/Z	\$1,049

1" NPT (#16 SAE) End Ports w / 1/2" NPT (#8 SAE) Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
HA-1816x/08x-02-1/Z	\$162	HS-1816x/08x-02-1/Z	\$330
HA-1816x/08x-03-1/Z	\$249	HS-1816x/08x-03-1/Z	\$512
HA-1816x/08x-04-1/Z	\$345	HS-1816x/08x-04-1/Z	\$724
HA-1816x/08x-05-1/Z	\$418	HS-1816x/08x-05-1/Z	\$856
HA-1816x/08x-06-1/Z	\$482	HS-1816x/08x-06-1/Z	\$1,021
HA-1816x/08x-07-1/Z	\$560	HS-1816x/08x-07-1/Z	\$1,101

1" NPT (#16 SAE) End Ports w / 3/4" NPT (#12 SAE) Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
HA-1816x/12x-02-1/Z	\$148.00	HS-1816x/12x-02-1/Z	\$315.00
HA-1816x/12x-03-1/Z	\$227.00	HS-1816x/12x-03-1/Z	\$488.00
HA-1816x/12x-04-1/Z	\$314.00	HS-1816x/12x-04-1/Z	\$690.00
HA-1816x/12x-05-1/Z	\$380.00	HS-1816x/12x-05-1/Z	\$816.00
HA-1816x/12x-06-1/Z	\$439.00	HS-1816x/12x-06-1/Z	\$973.00
HA-1816x/12x-07-1/Z	\$509.00	HS-1816x/12x-07-1/Z	\$1,049.00

1" NPT (#16 SAE) End Ports w / 1" NPT (#16 SAE) Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
HA-1816x/16x-02-1/Z	\$162	HS-1816x/16x-02-1/Z	\$330
HA-1816x/16x-03-1/Z	\$249	HS-1816x/16x-03-1/Z	\$512
HA-1816x/16x-04-1/Z	\$345	HS-1816x/16x-04-1/Z	\$724
HA-1816x/16x-05-1/Z	\$418	HS-1816x/16x-05-1/Z	\$856
HA-1816x/16x-06-1/Z	\$482	HS-1816x/16x-06-1/Z	\$1,021
HA-1816x/16x-07-1/Z	\$560	HS-1816x/16x-07-1/Z	\$1,101

1 1/4" NPT (#20 SAE) End Ports w / 3/4" NPT (#12 SAE) Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
HA-1820x/12x-02-1/Z	\$188	HS-1820x/12x-02-1/Z	\$406
HA-1820x/12x-03-1/Z	\$271	HS-1820x/12x-03-1/Z	\$517
HA-1820x/12x-04-1/Z	\$359	HS-1820x/12x-04-1/Z	\$752
HA-1820x/12x-05-1/Z	\$440	HS-1820x/12x-05-1/Z	\$921
HA-1820x/12x-06-1/Z	\$511	HS-1820x/12x-06-1/Z	\$1,094
HA-1820x/12x-07-1/Z	\$530	HS-1820x/12x-07-1/Z	\$1,267

1 1/4" NPT (#20 SAE) End Ports w / 1" NPT (#16 SAE) Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
HA-1820x/16x-02-1/Z	\$171.00	HS-1820x/16x-02-1/Z	\$387.00
HA-1820x/16x-03-1/Z	\$247.00	HS-1820x/16x-03-1/Z	\$493.00
HA-1820x/16x-04-1/Z	\$327.00	HS-1820x/16x-04-1/Z	\$717.00
HA-1820x/16x-05-1/Z	\$400.00	HS-1820x/16x-05-1/Z	\$878.00
HA-1820x/16x-06-1/Z	\$465.00	HS-1820x/16x-06-1/Z	\$1,042.00

1 1/4" NPT (#20 SAE) End Ports w / 1 1/4" NPT (#20 SAE) Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
HA-1820x/20x-02-1/Z	\$188	HS-1820x/20x-02-1/Z	\$406
HA-1820x/20x-03-1/Z	\$271	HS-1820x/20x-03-1/Z	\$517
HA-1820x/20x-04-1/Z	\$359	HS-1820x/20x-04-1/Z	\$752
HA-1820x/20x-05-1/Z	\$440	HS-1820x/20x-05-1/Z	\$921

1 1/2" NPT (#24 SAE) End Ports w / 1" NPT (#16 SAE) Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
HA-1824x/16x-02-1/Z	\$248	HS-1824x/16x-02-1/Z	\$518
HA-1824x/16x-03-1/Z	\$365	HS-1824x/16x-03-1/Z	\$721
HA-1824x/16x-04-1/Z	\$456	HS-1824x/16x-04-1/Z	\$933
HA-1824x/16x-05-1/Z	\$556	HS-1824x/16x-05-1/Z	\$1,145
HA-1824x/16x-06-1/Z	\$656	HS-1824x/16x-06-1/Z	\$1,357

* Please Note: Header Bar Manifolds are Non-Returnable

Note: x - End & Side Port Thread Code

P - NPT Threads

S - SAE Threads

BSPP, BSPT and Metric threads are also available,
consult factory for price.

"Standard" Port Sizes and combinations are shown. Header Manifolds with "Non-Standard" Port Sizes or combinations are available - Request Quote.

MagnaLox coupling company 170 N Industrial Hwy., Alpena, MI 49707 989-356-2186

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Header Bar Manifolds* with NPT & SAE Ports - 180 Degree

1 1/2" NPT (#24 SAE) End Ports w / 1 1/4" NPT (#20 SAE) Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
HA-1824x/20x-02-1/Z	\$248.00	HS-1824x/20x-02-1/Z	\$518.00
HA-1824x/20x-03-1/Z	\$365.00	HS-1824x/20x-03-1/Z	\$721.00
HA-1824x/20x-04-1/Z	\$456.00	HS-1824x/20x-04-1/Z	\$933.00
HA-1824x/20x-05-1/Z	\$556.00	HS-1824x/20x-05-1/Z	\$1,145.00

1 1/2" NPT (#24 SAE) End Ports w / 1 1/2" NPT (#24 SAE) Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
HA-1824x/24x-02-1/Z	\$272	HS-1824x/24x-02-1/Z	\$544
HA-1824x/24x-03-1/Z	\$402	HS-1824x/24x-03-1/Z	\$757
HA-1824x/24x-04-1/Z	\$501	HS-1824x/24x-04-1/Z	\$979

2" NPT End Ports w / 1 1/2" NPT (#24 SAE) Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
HA-1832P/24x-02-1/Z	\$382	HS-1832P/24x-02-1/Z	\$729
HA-1832P/24x-03-1/Z	\$546	HS-1832P/24x-03-1/Z	\$1,046
HA-1832P/24x-04-1/Z	\$743	HS-1832P/24x-04-1/Z	\$1,371

#32 SAE End Ports w / 1 1/2" NPT (#24 SAE) Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
HA-1832S/24x-02-1/Z	\$367	HS-1832S/24x-02-1/Z	\$729
HA-1832S/24x-03-1/Z	\$546	HS-1832S/24x-03-1/Z	\$1,046
HA-1832S/24x-04-1/Z	\$743	HS-1832S/24x-04-1/Z	\$1,371

* Please Note: Header Bar Manifolds are Non-Returnable

Note: x - End & Side Port Thread Code

P - NPT Threads

S - SAE Threads

BSPP, BSPT and Metric threads are also available,
consult factory for price.

"Standard" Port Sizes and combinations are shown. Header Manifolds with "Non-Standard" Port Sizes or combinations are available - Request Quote.

Header Bar Manifolds* with NPT & SAE Ports - 270 Degree



1/8" NPT End Ports w/ 1/16" NPT Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
HA-2702P/01P-02-1/Z	\$104	HS-2702P/01P-02-1/Z	\$248
HA-2702P/01P-03-1/Z	\$116	HS-2702P/01P-03-1/Z	\$360
HA-2702P/01P-04-1/Z	\$157	HS-2702P/01P-04-1/Z	\$456
HA-2702P/01P-05-1/Z	\$175	HS-2702P/01P-05-1/Z	\$519
HA-2702P/01P-06-1/Z	\$189	HS-2702P/01P-06-1/Z	\$584
HA-2702P/01P-07-1/Z	\$247	HS-2702P/01P-07-1/Z	\$619
HA-2702P/01P-08-1/Z	\$295	HS-2702P/01P-08-1/Z	\$711
HA-2702P/01P-09-1/Z	\$342	HS-2702P/01P-09-1/Z	\$813
HA-2702P/01P-10-1/Z	\$386	HS-2702P/01P-10-1/Z	\$907

1/8" NPT End Ports w/ 1/8" NPT Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
HA-2702P/02P-02-1/Z	\$104	HS-2702P/02P-02-1/Z	\$248
HA-2702P/02P-03-1/Z	\$116	HS-2702P/02P-03-1/Z	\$360
HA-2702P/02P-04-1/Z	\$157	HS-2702P/02P-04-1/Z	\$456
HA-2702P/02P-05-1/Z	\$175	HS-2702P/02P-05-1/Z	\$519
HA-2702P/02P-06-1/Z	\$189	HS-2702P/02P-06-1/Z	\$584
HA-2702P/02P-07-1/Z	\$247	HS-2702P/02P-07-1/Z	\$619
HA-2702P/02P-08-1/Z	\$295	HS-2702P/02P-08-1/Z	\$711
HA-2702P/02P-09-1/Z	\$342	HS-2702P/02P-09-1/Z	\$813
HA-2702P/02P-10-1/Z	\$386	HS-2702P/02P-10-1/Z	\$907

1/4" NPT End Ports w/ 1/8" NPT Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
HA-2704P/02P-02-1/Z	\$115	HS-2704P/02P-02-1/Z	\$260
HA-2704P/02P-03-1/Z	\$128	HS-2704P/02P-03-1/Z	\$378
HA-2704P/02P-04-1/Z	\$173	HS-2704P/02P-04-1/Z	\$478
HA-2704P/02P-05-1/Z	\$193	HS-2704P/02P-05-1/Z	\$544
HA-2704P/02P-06-1/Z	\$207	HS-2704P/02P-06-1/Z	\$613
HA-2704P/02P-07-1/Z	\$271	HS-2704P/02P-07-1/Z	\$649
HA-2704P/02P-08-1/Z	\$324	HS-2704P/02P-08-1/Z	\$746
HA-2704P/02P-09-1/Z	\$375	HS-2704P/02P-09-1/Z	\$853
HA-2704P/02P-10-1/Z	\$425	HS-2704P/02P-10-1/Z	\$951

1/4" NPT (#4 SAE) End Ports w/ 1/4" NPT (#4 SAE) Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
HA-2704x/04x-02-1/Z	\$115	HS-2704x/04x-02-1/Z	\$260
HA-2704x/04x-03-1/Z	\$128	HS-2704x/04x-03-1/Z	\$378
HA-2704x/04x-04-1/Z	\$173	HS-2704x/04x-04-1/Z	\$478
HA-2704x/04x-05-1/Z	\$193	HS-2704x/04x-05-1/Z	\$544
HA-2704x/04x-06-1/Z	\$207	HS-2704x/04x-06-1/Z	\$613
HA-2704x/04x-07-1/Z	\$271	HS-2704x/04x-07-1/Z	\$649
HA-2704x/04x-08-1/Z	\$324	HS-2704x/04x-08-1/Z	\$746
HA-2704x/04x-09-1/Z	\$375	HS-2704x/04x-09-1/Z	\$853
HA-2704x/04x-10-1/Z	\$425	HS-2704x/04x-10-1/Z	\$951

3/8" NPT (#6 SAE) End Ports w/ 1/8" NPT Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
HA-2706x/02P-02-1/Z	\$104	HS-2706x/02x-02-1/Z	\$248
HA-2706x/02P-03-1/Z	\$116	HS-2706x/02x-03-1/Z	\$360
HA-2706x/02P-04-1/Z	\$157	HS-2706x/02x-04-1/Z	\$456
HA-2706x/02P-05-1/Z	\$175	HS-2706x/02x-05-1/Z	\$519
HA-2706x/02P-06-1/Z	\$189	HS-2706x/02x-06-1/Z	\$584
HA-2706x/02P-07-1/Z	\$247	HS-2706x/02x-07-1/Z	\$619
HA-2706x/02P-08-1/Z	\$295	HS-2706x/02x-08-1/Z	\$711
HA-2706x/02P-09-1/Z	\$342	HS-2706x/02x-09-1/Z	\$813
HA-2706x/02P-10-1/Z	\$386	HS-2706x/02x-10-1/Z	\$907

3/8" NPT (#6 SAE) End Ports w/ 1/4" NPT (#4 SAE) Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
HA-2706x/04x-02-1/Z	\$95	HS-2706x/04x-02-1/Z	\$236
HA-2706x/04x-03-1/Z	\$106	HS-2706x/04x-03-1/Z	\$343
HA-2706x/04x-04-1/Z	\$143	HS-2706x/04x-04-1/Z	\$434
HA-2706x/04x-05-1/Z	\$160	HS-2706x/04x-05-1/Z	\$495
HA-2706x/04x-06-1/Z	\$173	HS-2706x/04x-06-1/Z	\$556
HA-2706x/04x-07-1/Z	\$224	HS-2706x/04x-07-1/Z	\$590
HA-2706x/04x-08-1/Z	\$269	HS-2706x/04x-08-1/Z	\$678
HA-2706x/04x-09-1/Z	\$310	HS-2706x/04x-09-1/Z	\$775
HA-2706x/04x-10-1/Z	\$351	HS-2706x/04x-10-1/Z	\$864

* Please Note: Header Bar Manifolds are Non-Returnable

Note: x - End & Side Port Thread Code

P - NPT Threads

S - SAE Threads

BSPP, BSPT and Metric threads are also available,
consult factory for price.

"Standard" Port Sizes and combinations are shown. Header Manifolds with "Non-Standard" Port Sizes or combinations are available - Request Quote.

MagnaLoY coupling company 170 N Industrial Hwy., Alpena, MI 49707 989-356-2186

A Division of Douville Johnston Corporation

Fax: 989-354-4190 www.magnaLoY.com



Header Bar Manifolds* with NPT & SAE Ports - 270 Degree

3/8" NPT (#6 SAE) End Ports w / 3/8" NPT (#6 SAE) Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
HA-2706x/06x-02-1/Z	\$101	HS-2706x/06x-02-1/Z	\$253
HA-2706x/06x-03-1/Z	\$133	HS-2706x/06x-03-1/Z	\$371
HA-2706x/06x-04-1/Z	\$163	HS-2706x/06x-04-1/Z	\$493
HA-2706x/06x-05-1/Z	\$189	HS-2706x/06x-05-1/Z	\$500
HA-2706x/06x-06-1/Z	\$220	HS-2706x/06x-06-1/Z	\$616
HA-2706x/06x-07-1/Z	\$270	HS-2706x/06x-07-1/Z	\$651
HA-2706x/06x-08-1/Z	\$312	HS-2706x/06x-08-1/Z	\$748
HA-2706x/06x-09-1/Z	\$332	HS-2706x/06x-09-1/Z	\$859
HA-2706x/06x-10-1/Z	\$398	HS-2706x/06x-10-1/Z	\$973

1/2" NPT (#8 SAE) End Ports w / 1/4" NPT (#4 SAE) Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
HA-2708x/04x-02-1/Z	\$101	HS-2708x/04x-02-1/Z	\$253
HA-2708x/04x-03-1/Z	\$133	HS-2708x/04x-03-1/Z	\$371
HA-2708x/04x-04-1/Z	\$163	HS-2708x/04x-04-1/Z	\$493
HA-2708x/04x-05-1/Z	\$189	HS-2708x/04x-05-1/Z	\$500
HA-2708x/04x-06-1/Z	\$220	HS-2708x/04x-06-1/Z	\$616
HA-2708x/04x-07-1/Z	\$270	HS-2708x/04x-07-1/Z	\$651
HA-2708x/04x-08-1/Z	\$312	HS-2708x/04x-08-1/Z	\$748
HA-2708x/04x-09-1/Z	\$332	HS-2708x/04x-09-1/Z	\$859
HA-2708x/04x-10-1/Z	\$398	HS-2708x/04x-10-1/Z	\$973

1/2" NPT (#8 SAE) End Ports w / 3/8" NPT (#6 SAE) Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
HA-2708x/06x-02-1/Z	\$109	HS-2708x/06x-02-1/Z	\$241
HA-2708x/06x-03-1/Z	\$121	HS-2708x/06x-03-1/Z	\$354
HA-2708x/06x-04-1/Z	\$149	HS-2708x/06x-04-1/Z	\$470
HA-2708x/06x-05-1/Z	\$172	HS-2708x/06x-05-1/Z	\$538
HA-2708x/06x-06-1/Z	\$200	HS-2708x/06x-06-1/Z	\$588
HA-2708x/06x-07-1/Z	\$246	HS-2708x/06x-07-1/Z	\$620
HA-2708x/06x-08-1/Z	\$284	HS-2708x/06x-08-1/Z	\$714
HA-2708x/06x-09-1/Z	\$302	HS-2708x/06x-09-1/Z	\$818
HA-2708x/06x-10-1/Z	\$362	HS-2708x/06x-10-1/Z	\$927

1/2" NPT (#8 SAE) End Ports w / 1/2" NPT (#8 SAE) Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
HA-2708x/08x-02-1/Z	\$101	HS-2708x/08x-02-1/Z	\$253
HA-2708x/08x-03-1/Z	\$133	HS-2708x/08x-03-1/Z	\$371
HA-2708x/08x-04-1/Z	\$163	HS-2708x/08x-04-1/Z	\$493
HA-2708x/08x-05-1/Z	\$189	HS-2708x/08x-05-1/Z	\$500
HA-2708x/08x-06-1/Z	\$220	HS-2708x/08x-06-1/Z	\$616
HA-2708x/08x-07-1/Z	\$270	HS-2708x/08x-07-1/Z	\$651
HA-2708x/08x-08-1/Z	\$312	HS-2708x/08x-08-1/Z	\$748
HA-2708x/08x-09-1/Z	\$332	HS-2708x/08x-09-1/Z	\$859
HA-2708x/08x-10-1/Z	\$398	HS-2708x/08x-10-1/Z	\$973

3/4" NPT (#12 SAE) End Ports w / 3/8" NPT (#6 SAE) Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
HA-2712x/06x-02-1/Z	\$159	HS-2712x/06x-02-1/Z	\$327
HA-2712x/06x-03-1/Z	\$223	HS-2712x/06x-03-1/Z	\$464
HA-2712x/06x-04-1/Z	\$313	HS-2712x/06x-04-1/Z	\$655
HA-2712x/06x-05-1/Z	\$385	HS-2712x/06x-05-1/Z	\$770
HA-2712x/06x-06-1/Z	\$415	HS-2712x/06x-06-1/Z	\$885
HA-2712x/06x-07-1/Z	\$501	HS-2712x/06x-07-1/Z	\$994
HA-2712x/06x-08-1/Z	\$558	HS-2712x/06x-08-1/Z	\$1,195
HA-2712x/06x-09-1/Z	\$636	HS-2712x/06x-09-1/Z	\$1,260

3/4" NPT (#12 SAE) End Ports w / 1/2" NPT (#8 SAE) Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
HA-2712x/08x-02-1/Z	\$144	HS-2712x/08x-02-1/Z	\$312
HA-2712x/08x-03-1/Z	\$203	HS-2712x/08x-03-1/Z	\$442
HA-2712x/08x-04-1/Z	\$284	HS-2712x/08x-04-1/Z	\$624
HA-2712x/08x-05-1/Z	\$350	HS-2712x/08x-05-1/Z	\$734
HA-2712x/08x-06-1/Z	\$378	HS-2712x/08x-06-1/Z	\$843
HA-2712x/08x-07-1/Z	\$456	HS-2712x/08x-07-1/Z	\$948
HA-2712x/08x-08-1/Z	\$507	HS-2712x/08x-08-1/Z	\$1,138
HA-2712x/08x-09-1/Z	\$578	HS-2712x/08x-09-1/Z	\$1,200

* Please Note: Header Bar Manifolds are Non-Returnable

Note: x - End & Side Port Thread Code

P - NPT Threads

S - SAE Threads

BSPP, BSPT and Metric threads are also available,
consult factory for price.

"Standard" Port Sizes and combinations are shown. Header Manifolds with "Non-Standard" Port Sizes or combinations are available - Request Quote.

Header Bar Manifolds* with NPT & SAE Ports - 270 Degree



3/4" NPT (#12 SAE) End Ports w / 3/4" NPT (#12 SAE) Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
HA-2712x/12x-02-1/Z	\$178	HS-2712x/12x-02-1/Z	\$378
HA-2712x/12x-03-1/Z	\$272	HS-2712x/12x-03-1/Z	\$585
HA-2712x/12x-04-1/Z	\$376	HS-2712x/12x-04-1/Z	\$828
HA-2712x/12x-05-1/Z	\$456	HS-2712x/12x-05-1/Z	\$979
HA-2712x/12x-06-1/Z	\$526	HS-2712x/12x-06-1/Z	\$1,167
HA-2712x/12x-07-1/Z	\$610	HS-2712x/12x-07-1/Z	\$1,258

1" NPT (#16 SAE) End Ports w / 3/4" NPT (#12 SAE) Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
HA-2716x/12x-02-1/Z	\$178	HS-2716x/12x-02-1/Z	\$378
HA-2716x/12x-03-1/Z	\$272	HS-2716x/12x-03-1/Z	\$585
HA-2716x/12x-04-1/Z	\$376	HS-2716x/12x-04-1/Z	\$828
HA-2716x/12x-05-1/Z	\$456	HS-2716x/12x-05-1/Z	\$979
HA-2716x/12x-06-1/Z	\$526	HS-2716x/12x-06-1/Z	\$1,167
HA-2716x/12x-07-1/Z	\$610	HS-2716x/12x-07-1/Z	\$1,258

1 1/4" NPT (#20 SAE) End Ports w / 3/4" NPT (#12 SAE) Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
HA-2720x/12x-02-1/Z	\$225	HS-2720x/12x-02-1/Z	\$487
HA-2720x/12x-03-1/Z	\$325	HS-2720x/12x-03-1/Z	\$620
HA-2720x/12x-04-1/Z	\$430	HS-2720x/12x-04-1/Z	\$902
HA-2720x/12x-05-1/Z	\$528	HS-2720x/12x-05-1/Z	\$1,105
HA-2720x/12x-06-1/Z	\$613	HS-2720x/12x-06-1/Z	\$1,312
HA-2720x/12x-07-1/Z	\$636	HS-2720x/12x-07-1/Z	\$1,520

1 1/4" NPT (#20 SAE) End Ports w / 1 1/4" NPT (#20 SAE) Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
HA-2720x/20x-02-1/Z	\$225	HS-2720x/20x-02-1/Z	\$487
HA-2720x/20x-03-1/Z	\$325	HS-2720x/20x-03-1/Z	\$620
HA-2720x/20x-04-1/Z	\$430	HS-2720x/20x-04-1/Z	\$902
HA-2720x/20x-05-1/Z	\$528	HS-2720x/20x-05-1/Z	\$1,105

1" NPT (#16 SAE) End Ports w / 1/2" NPT (#8 SAE) Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
HA-2716x/08x-02-1/Z	\$194	HS-2716x/08x-02-1/Z	\$396
HA-2716x/08x-03-1/Z	\$299	HS-2716x/08x-03-1/Z	\$614
HA-2716x/08x-04-1/Z	\$414	HS-2716x/08x-04-1/Z	\$868
HA-2716x/08x-05-1/Z	\$501	HS-2716x/08x-05-1/Z	\$1,027
HA-2716x/08x-06-1/Z	\$678	HS-2716x/08x-06-1/Z	\$1,225
HA-2716x/08x-07-1/Z	\$672	HS-2716x/08x-07-1/Z	\$1,321

1" NPT (#16 SAE) End Ports w / 1" NPT (#16 SAE) Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
HA-2716x/16x-02-1/Z	\$194	HS-2716x/16x-02-1/Z	\$396
HA-2716x/16x-03-1/Z	\$299	HS-2716x/16x-03-1/Z	\$614
HA-2716x/16x-04-1/Z	\$414	HS-2716x/16x-04-1/Z	\$868
HA-2716x/16x-05-1/Z	\$501	HS-2716x/16x-05-1/Z	\$1,027
HA-2716x/16x-06-1/Z	\$578	HS-2716x/16x-06-1/Z	\$1,225
HA-2716x/16x-07-1/Z	\$672	HS-2716x/16x-07-1/Z	\$1,321

1 1/4" NPT (#20 SAE) End Ports w / 1" NPT (#16 SAE) Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
HA-2720x/16x-02-1/Z	\$205	HS-2720x/16x-02-1/Z	\$464
HA-2720x/16x-03-1/Z	\$296	HS-2720x/16x-03-1/Z	\$591
HA-2720x/16x-04-1/Z	\$392	HS-2720x/16x-04-1/Z	\$860
HA-2720x/16x-05-1/Z	\$480	HS-2720x/16x-05-1/Z	\$1,053
HA-2720x/16x-06-1/Z	\$558	HS-2720x/16x-06-1/Z	\$1,250

1 1/2" NPT (#24 SAE) End Ports w / 1" NPT (#16 SAE) Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
HA-2724x/16x-02-1/Z	\$297	HS-2724x/16x-02-1/Z	\$621
HA-2724x/16x-03-1/Z	\$438	HS-2724x/16x-03-1/Z	\$865
HA-2724x/16x-04-1/Z	\$547	HS-2724x/16x-04-1/Z	\$1,119
HA-2724x/16x-05-1/Z	\$667	HS-2724x/16x-05-1/Z	\$1,374
HA-2724x/16x-06-1/Z	\$787	HS-2724x/16x-06-1/Z	\$1,628

* Please Note: Header Bar Manifolds are Non-Returnable

Note: x - End & Side Port Thread Code

P - NPT Threads

S - SAE Threads

BSPP, BSPT and Metric threads are also available,
consult factory for price.

"Standard" Port Sizes and combinations are shown. Header Manifolds with "Non-Standard" Port Sizes or combinations are available - Request Quote.

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Header Bar Manifolds* with NPT & SAE Ports - 270 Degree

1 1/2" NPT (#24 SAE) End Ports w / 1 1/4" NPT (#20 SAE) Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
HA-2724x/20x-02-1/Z	\$297	HS-2724x/20x-02-1/Z	\$621
HA-2724x/20x-03-1/Z	\$438	HS-2724x/20x-03-1/Z	\$865
HA-2724x/20x-04-1/Z	\$547	HS-2724x/20x-04-1/Z	\$1,119
HA-2724x/20x-05-1/Z	\$667	HS-2724x/20x-05-1/Z	\$1,374

1 1/2" NPT (#24 SAE) End Ports w / 1 1/2" NPT (#24 SAE) Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
HA-2724x/24x-02-1/Z	\$326	HS-2724x/24x-02-1/Z	\$652
HA-2724x/24x-03-1/Z	\$482	HS-2724x/24x-03-1/Z	\$908
HA-2724x/24x-04-1/Z	\$601	HS-2724x/24x-04-1/Z	\$1,174

#32 SAE End Ports w / 1 1/2" NPT (#24 SAE) Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
HA-2732S/24x-02-1/Z	\$458	HS-2732S/24x-02-1/Z	\$874
HA-2732S/24x-03-1/Z	\$655	HS-2732S/24x-03-1/Z	\$1,255
HA-2732S/24x-04-1/Z	\$891	HS-2732S/24x-04-1/Z	\$1,645

2" NPT End Ports w / 1 1/2" NPT (#24 SAE) Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
HA-2732P/24x-02-1/Z	\$440	HS-2732P/24x-02-1/Z	\$874
HA-2732P/24x-03-1/Z	\$655	HS-2732P/24x-03-1/Z	\$1,255
HA-2732P/24x-04-1/Z	\$891	HS-2732P/24x-04-1/Z	\$1,645

* Please Note: Header Bar Manifolds are Non-Returnable

Note: x - End & Side Port Thread Code

P - NPT Threads

S - SAE Threads

BSPP, BSPT and Metric threads are also available,
consult factory for price.

"Standard" Port Sizes and combinations are shown. Header Manifolds with "Non-Standard" Port Sizes or combinations are available - Request Quote.

Junction Bar Manifolds* with NPT & SAE Ports - 90 Degree



1/16" NPT Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
JA-09000/01P-02-1/Z	\$62.00	JS-09000/01P-02-1/Z	\$185.00
JA-09000/01P-03-1/Z	\$79.00	JS-09000/01P-03-1/Z	\$227.00
JA-09000/01P-04-1/Z	\$100.00	JS-09000/01P-04-1/Z	\$267.00
JA-09000/01P-05-1/Z	\$111.00	JS-09000/01P-05-1/Z	\$305.00
JA-09000/01P-06-1/Z	\$124.00	JS-09000/01P-06-1/Z	\$340.00
JA-09000/01P-07-1/Z	\$157.00	JS-09000/01P-07-1/Z	\$384.00
JA-09000/01P-08-1/Z	\$169.00	JS-09000/01P-08-1/Z	\$429.00
JA-09000/01P-09-1/Z	\$199.00	JS-09000/01P-09-1/Z	\$485.00
JA-09000/01P-10-1/Z	\$230.00	JS-09000/01P-10-1/Z	\$542.00

1/8" NPT Side Ports

Aluminum / 90 Degree		Aluminum / 90 Degree	
JA-09000/02P-02-1/Z	\$62.00	JS-09000/02P-02-1/Z	\$185.00
JA-09000/02P-03-1/Z	\$79.00	JS-09000/02P-03-1/Z	\$227.00
JA-09000/02P-04-1/Z	\$100.00	JS-09000/02P-04-1/Z	\$267.00
JA-09000/02P-05-1/Z	\$111.00	JS-09000/02P-05-1/Z	\$305.00
JA-09000/02P-06-1/Z	\$124.00	JS-09000/02P-06-1/Z	\$340.00
JA-09000/02P-07-1/Z	\$157.00	JS-09000/02P-07-1/Z	\$384.00
JA-09000/02P-08-1/Z	\$169.00	JS-09000/02P-08-1/Z	\$429.00
JA-09000/02P-09-1/Z	\$199.00	JS-09000/02P-09-1/Z	\$485.00
JA-09000/02P-10-1/Z	\$230.00	JS-09000/02P-10-1/Z	\$542.00

1/4" NPT (#4 SAE) Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
JA-09000/04x-02-1/Z	\$62.00	JS-09000/04x-02-1/Z	\$185.00
JA-09000/04x-03-1/Z	\$79.00	JS-09000/04x-03-1/Z	\$227.00
JA-09000/04x-04-1/Z	\$100.00	JS-09000/04x-04-1/Z	\$267.00
JA-09000/04x-05-1/Z	\$111.00	JS-09000/04x-05-1/Z	\$305.00
JA-09000/04x-06-1/Z	\$124.00	JS-09000/04x-06-1/Z	\$340.00
JA-09000/04x-07-1/Z	\$157.00	JS-09000/04x-07-1/Z	\$384.00
JA-09000/04x-08-1/Z	\$169.00	JS-09000/04x-08-1/Z	\$429.00
JA-09000/04x-09-1/Z	\$199.00	JS-09000/04x-09-1/Z	\$485.00
JA-09000/04x-10-1/Z	\$230.00	JS-09000/04x-10-1/Z	\$542.00

3/8" NPT (#6 SAE) Side Ports

Aluminum / 90 Degree		Aluminum / 90 Degree	
JA-09000/06x-02-1/Z	\$68.00	JS-09000/06x-02-1/Z	\$202.00
JA-09000/06x-03-1/Z	\$104.00	JS-09000/06x-03-1/Z	\$249.00
JA-09000/06x-04-1/Z	\$122.00	JS-09000/06x-04-1/Z	\$293.00
JA-09000/06x-05-1/Z	\$181.00	JS-09000/06x-05-1/Z	\$328.00
JA-09000/06x-06-1/Z	\$157.00	JS-09000/06x-06-1/Z	\$364.00
JA-09000/06x-07-1/Z	\$166.00	JS-09000/06x-07-1/Z	\$409.00
JA-09000/06x-08-1/Z	\$201.00	JS-09000/06x-08-1/Z	\$451.00
JA-09000/06x-09-1/Z	\$226.00	JS-09000/06x-09-1/Z	\$507.00
JA-09000/06x-10-1/Z	\$257.00	JS-09000/06x-10-1/Z	\$564.00

1/2" NPT (#8 SAE) Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
JA-09000/08x-02-1/Z	\$79.00	JS-09000/08x-02-1/Z	\$217.00
JA-09000/08x-03-1/Z	\$119.00	JS-09000/08x-03-1/Z	\$267.00
JA-09000/08x-04-1/Z	\$130.00	JS-09000/08x-04-1/Z	\$314.00
JA-09000/08x-05-1/Z	\$159.00	JS-09000/08x-05-1/Z	\$364.00
JA-09000/08x-06-1/Z	\$180.00	JS-09000/08x-06-1/Z	\$409.00
JA-09000/08x-07-1/Z	\$206.00	JS-09000/08x-07-1/Z	\$496.00
JA-09000/08x-08-1/Z	\$249.00	JS-09000/08x-08-1/Z	\$525.00
JA-09000/08x-09-1/Z	\$258.00	JS-09000/08x-09-1/Z	\$555.00

3/4" NPT (#12 SAE) Side Ports

Aluminum / 90 Degree		Aluminum / 90 Degree	
JA-09000/12x-02-1/Z	\$111.00	JS-09000/12x-02-1/Z	\$234.00
JA-09000/12x-03-1/Z	\$183.00	JS-09000/12x-03-1/Z	\$305.00
JA-09000/12x-04-1/Z	\$196.00	JS-09000/12x-04-1/Z	\$386.00
JA-09000/12x-05-1/Z	\$245.00	JS-09000/12x-05-1/Z	\$464.00
JA-09000/12x-06-1/Z	\$257.00	JS-09000/12x-06-1/Z	\$539.00
JA-09000/12x-07-1/Z	\$322.00	JS-09000/12x-07-1/Z	\$618.00

1" NPT (#16 SAE) Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
JA-09000/16x-02-1/Z	\$136.00	JS-09000/16x-02-1/Z	\$267.00
JA-09000/16x-03-1/Z	\$231.00	JS-09000/16x-03-1/Z	\$380.00
JA-09000/16x-04-1/Z	\$284.00	JS-09000/16x-04-1/Z	\$490.00
JA-09000/16x-05-1/Z	\$309.00	JS-09000/16x-05-1/Z	\$595.00
JA-09000/16x-06-1/Z	\$364.00	JS-09000/16x-06-1/Z	\$695.00

* Please Note: Junction Bar Manifolds are Non-Returnable

Note: x - End & Side Port Thread Code

P - NPT Threads

S - SAE Threads

BSPP, BSPT and Metric threads are also available, consult factory for price.

"Standard" Port Sizes and combinations are shown. Junction Manifolds with "Non-Standard" Port Sizes or combinations are available - Request Quote.

MagnaLoy coupling company 170 N Industrial Hwy., Alpena, MI 49707 989-356-2186

A Division of Douville Johnston Corporation

Fax: 989-354-4190 www.magnaloy.com



Junction Bar Manifolds* with NPT & SAE Ports - 90 Degree

1 1/2" NPT (#24 SAE) Side Ports

Aluminum / 90 Degree	
JA-09000/24x-02-1/Z	\$309.00
JA-09000/24x-03-1/Z	\$443.00
JA-09000/24x-04-1/Z	\$523.00

Steel / 90 Degree	
JS-09000/24x-02-1/Z	\$508.00
JS-09000/24x-03-1/Z	\$729.00
JS-09000/24x-04-1/Z	\$949.00

1 1/4" NPT (#20 SAE) Side Ports

Aluminum / 90 Degree	
JA-09000/20x-02-1/Z	\$228.00
JA-09000/20x-03-1/Z	\$310.00
JA-09000/20x-04-1/Z	\$397.00
JA-09000/20x-05-1/Z	\$449.00

Aluminum / 90 Degree	
JS-09000/20x-02-1/Z	\$378.00
JS-09000/20x-03-1/Z	\$508.00
JS-09000/20x-04-1/Z	\$669.00
JS-09000/20x-05-1/Z	\$805.00

* Please Note: Junction Bar Manifolds are Non-Returnable

Note: x - End & Side Port Thread Code

P - NPT Threads

S - SAE Threads

BSPP, BSPT and Metric threads are also available,
consult factory for price.

"Standard" Port Sizes and combinations are shown. Junction Manifolds with "Non-Standard" Port Sizes or combinations are available - Request Quote.

Junction Bar Manifolds* with NPT & SAE Ports - 180 Degree



1/16" NPT Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
JA-18000/01P-02-1/Z	\$72.00	JS-18000/01P-02-1/Z	\$217.00
JA-18000/01P-03-1/Z	\$76.00	JS-18000/01P-03-1/Z	\$249.00
JA-18000/01P-04-1/Z	\$85.00	JS-18000/01P-04-1/Z	\$293.00
JA-18000/01P-05-1/Z	\$111.00	JS-18000/01P-05-1/Z	\$327.00
JA-18000/01P-06-1/Z	\$124.00	JS-18000/01P-06-1/Z	\$364.00
JA-18000/01P-07-1/Z	\$140.00	JS-18000/01P-07-1/Z	\$429.00
JA-18000/01P-08-1/Z	\$162.00	JS-18000/01P-08-1/Z	\$496.00
JA-18000/01P-09-1/Z	\$176.00	JS-18000/01P-09-1/Z	\$541.00
JA-18000/01P-10-1/Z	\$208.00	JS-18000/01P-10-1/Z	\$587.00

1/8" NPT Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
JA-18000/02P-02-1/Z	\$72.00	JS-18000/02P-02-1/Z	\$217.00
JA-18000/02P-03-1/Z	\$76.00	JS-18000/02P-03-1/Z	\$249.00
JA-18000/02P-04-1/Z	\$85.00	JS-18000/02P-04-1/Z	\$293.00
JA-18000/02P-05-1/Z	\$111.00	JS-18000/02P-05-1/Z	\$327.00
JA-18000/02P-06-1/Z	\$124.00	JS-18000/02P-06-1/Z	\$364.00
JA-18000/02P-07-1/Z	\$140.00	JS-18000/02P-07-1/Z	\$429.00
JA-18000/02P-08-1/Z	\$162.00	JS-18000/02P-08-1/Z	\$496.00
JA-18000/02P-09-1/Z	\$176.00	JS-18000/02P-09-1/Z	\$541.00
JA-18000/02P-10-1/Z	\$208.00	JS-18000/02P-10-1/Z	\$587.00

1/4" NPT (#4 SAE) Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
JA-18000/04x-02-1/Z	\$72.00	JS-18000/04x-02-1/Z	\$217.00
JA-18000/04x-03-1/Z	\$76.00	JS-18000/04x-03-1/Z	\$249.00
JA-18000/04x-04-1/Z	\$85.00	JS-18000/04x-04-1/Z	\$293.00
JA-18000/04x-05-1/Z	\$111.00	JS-18000/04x-05-1/Z	\$327.00
JA-18000/04x-06-1/Z	\$124.00	JS-18000/04x-06-1/Z	\$364.00
JA-18000/04x-07-1/Z	\$140.00	JS-18000/04x-07-1/Z	\$429.00
JA-18000/04x-08-1/Z	\$162.00	JS-18000/04x-08-1/Z	\$496.00
JA-18000/04x-09-1/Z	\$176.00	JS-18000/04x-09-1/Z	\$541.00
JA-18000/04x-10-1/Z	\$208.00	JS-18000/04x-10-1/Z	\$587.00

3/8" NPT (#6 SAE) Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
JA-18000/06x-02-1/Z	\$72.00	JS-18000/06x-02-1/Z	\$217.00
JA-18000/06x-03-1/Z	\$81.00	JS-18000/06x-03-1/Z	\$267.00
JA-18000/06x-04-1/Z	\$97.00	JS-18000/06x-04-1/Z	\$314.00
JA-18000/06x-05-1/Z	\$122.00	JS-18000/06x-05-1/Z	\$349.00
JA-18000/06x-06-1/Z	\$133.00	JS-18000/06x-06-1/Z	\$384.00
JA-18000/06x-07-1/Z	\$159.00	JS-18000/06x-07-1/Z	\$451.00
JA-18000/06x-08-1/Z	\$185.00	JS-18000/06x-08-1/Z	\$518.00
JA-18000/06x-09-1/Z	\$205.00	JS-18000/06x-09-1/Z	\$564.00
JA-18000/06x-10-1/Z	\$227.00	JS-18000/06x-10-1/Z	\$611.00

1/2" NPT (#8 SAE) Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
JA-18000/08x-02-1/Z	\$75.00	JS-18000/08x-02-1/Z	\$237.00
JA-18000/08x-03-1/Z	\$98.00	JS-18000/08x-03-1/Z	\$289.00
JA-18000/08x-04-1/Z	\$123.00	JS-18000/08x-04-1/Z	\$327.00
JA-18000/08x-05-1/Z	\$157.00	JS-18000/08x-05-1/Z	\$362.00
JA-18000/08x-06-1/Z	\$171.00	JS-18000/08x-06-1/Z	\$426.00
JA-18000/08x-07-1/Z	\$204.00	JS-18000/08x-07-1/Z	\$482.00
JA-18000/08x-08-1/Z	\$237.00	JS-18000/08x-08-1/Z	\$539.00
JA-18000/08x-09-1/Z	\$260.00	JS-18000/08x-09-1/Z	\$597.00

3/4" NPT (#12 SAE) Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
JA-18000/12x-02-1/Z	\$109.00	JS-18000/12x-02-1/Z	\$257.00
JA-18000/12x-03-1/Z	\$167.00	JS-18000/12x-03-1/Z	\$335.00
JA-18000/12x-04-1/Z	\$188.00	JS-18000/12x-04-1/Z	\$426.00
JA-18000/12x-05-1/Z	\$234.00	JS-18000/12x-05-1/Z	\$495.00
JA-18000/12x-06-1/Z	\$273.00	JS-18000/12x-06-1/Z	\$553.00
JA-18000/12x-07-1/Z	\$313.00	JS-18000/12x-07-1/Z	\$631.00

1" NPT (#16 SAE) Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
JA-18000/16x-02-1/Z	\$133.00	JS-18000/16x-02-1/Z	\$292.00
JA-18000/16x-03-1/Z	\$209.00	JS-18000/16x-03-1/Z	\$387.00
JA-18000/16x-04-1/Z	\$271.00	JS-18000/16x-04-1/Z	\$490.00
JA-18000/16x-05-1/Z	\$327.00	JS-18000/16x-05-1/Z	\$595.00
JA-18000/16x-06-1/Z	\$383.00	JS-18000/16x-06-1/Z	\$695.00

* Please Note: Junction Bar Manifolds are Non-Returnable

Note: x - End & Side Port Thread Code

P - NPT Threads

S - SAE Threads

BSPP, BSPT and Metric threads are also available, consult factory for price.

"Standard" Port Sizes and combinations are shown. Junction Manifolds with "Non-Standard" Port Sizes or combinations are available - Request Quote.

MagnaLox coupling company 170 N Industrial Hwy., Alpena, MI 49707 989-356-2186

A Division of Douville Johnston Corporation

Fax: 989-354-4190 www.magnaLox.com



Junction Bar Manifolds* with NPT & SAE Ports - 180 Degree

1 1/2" NPT (#24 SAE) Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
JA-18000/24x-02-1/Z	\$309.00	JS-18000/24x-02-1/Z	\$534.00
JA-18000/24x-03-1/Z	\$369.00	JS-18000/24x-03-1/Z	\$650.00
JA-18000/24x-04-1/Z	\$477.00	JS-18000/24x-04-1/Z	\$949.00

1 1/4" NPT (#20 SAE) Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
JA-18000/20x-02-1/Z	\$228.00	JS-18000/20x-02-1/Z	\$393.00
JA-18000/20x-03-1/Z	\$288.00	JS-18000/20x-03-1/Z	\$520.00
JA-18000/20x-04-1/Z	\$366.00	JS-18000/20x-04-1/Z	\$669.00
JA-18000/20x-05-1/Z	\$410.00	JS-18000/20x-05-1/Z	\$815.00

* Please Note: Junction Bar Manifolds are Non-Returnable

Note: x - End & Side Port Thread Code

P - NPT Threads

S - SAE Threads

BSPP, BSPT and Metric threads are also available,
consult factory for price.

"Standard" Port Sizes and combinations are shown. Junction Manifolds with "Non-Standard" Port Sizes or combinations are available - Request Quote.

Junction Bar Manifolds* with NPT & SAE Ports - 270 Degree



1/16" NPT Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
JA-27000/01P-02-1/Z	\$83.00	JS-27000/01P-02-1/Z	\$228.00
JA-27000/01P-03-1/Z	\$98.00	JS-27000/01P-03-1/Z	\$314.00
JA-27000/01P-04-1/Z	\$118.00	JS-27000/01P-04-1/Z	\$364.00
JA-27000/01P-05-1/Z	\$137.00	JS-27000/01P-05-1/Z	\$384.00
JA-27000/01P-06-1/Z	\$159.00	JS-27000/01P-06-1/Z	\$409.00
JA-27000/01P-07-1/Z	\$182.00	JS-27000/01P-07-1/Z	\$465.00
JA-27000/01P-08-1/Z	\$201.00	JS-27000/01P-08-1/Z	\$518.00
JA-27000/01P-09-1/Z	\$221.00	JS-27000/01P-09-1/Z	\$575.00
JA-27000/01P-10-1/Z	\$239.00	JS-27000/01P-10-1/Z	\$631.00

1/8" NPT Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
JA-27000/02P-02-1/Z	\$83.00	JS-27000/02P-02-1/Z	\$228.00
JA-27000/02P-03-1/Z	\$98.00	JS-27000/02P-03-1/Z	\$314.00
JA-27000/02P-04-1/Z	\$118.00	JS-27000/02P-04-1/Z	\$364.00
JA-27000/02P-05-1/Z	\$137.00	JS-27000/02P-05-1/Z	\$384.00
JA-27000/02P-06-1/Z	\$159.00	JS-27000/02P-06-1/Z	\$409.00
JA-27000/02P-07-1/Z	\$182.00	JS-27000/02P-07-1/Z	\$465.00
JA-27000/02P-08-1/Z	\$201.00	JS-27000/02P-08-1/Z	\$518.00
JA-27000/02P-09-1/Z	\$221.00	JS-27000/02P-09-1/Z	\$575.00
JA-27000/02P-10-1/Z	\$239.00	JS-27000/02P-10-1/Z	\$631.00

1/4" NPT (#4 SAE) Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
JA-27000/04x-02-1/Z	\$83.00	JS-27000/04x-02-1/Z	\$228.00
JA-27000/04x-03-1/Z	\$98.00	JS-27000/04x-03-1/Z	\$314.00
JA-27000/04x-04-1/Z	\$118.00	JS-27000/04x-04-1/Z	\$364.00
JA-27000/04x-05-1/Z	\$137.00	JS-27000/04x-05-1/Z	\$384.00
JA-27000/04x-06-1/Z	\$159.00	JS-27000/04x-06-1/Z	\$409.00
JA-27000/04x-07-1/Z	\$182.00	JS-27000/04x-07-1/Z	\$465.00
JA-27000/04x-08-1/Z	\$201.00	JS-27000/04x-08-1/Z	\$518.00
JA-27000/04x-09-1/Z	\$221.00	JS-27000/04x-09-1/Z	\$575.00
JA-27000/04x-10-1/Z	\$239.00	JS-27000/04x-10-1/Z	\$631.00

3/8" NPT (#6 SAE) Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
JA-27000/06x-02-1/Z	\$85.00	JS-27000/06x-02-1/Z	\$249.00
JA-27000/06x-03-1/Z	\$117.00	JS-27000/06x-03-1/Z	\$340.00
JA-27000/06x-04-1/Z	\$122.00	JS-27000/06x-04-1/Z	\$384.00
JA-27000/06x-05-1/Z	\$141.00	JS-27000/06x-05-1/Z	\$409.00
JA-27000/06x-06-1/Z	\$167.00	JS-27000/06x-06-1/Z	\$429.00
JA-27000/06x-07-1/Z	\$192.00	JS-27000/06x-07-1/Z	\$487.00
JA-27000/06x-08-1/Z	\$219.00	JS-27000/06x-08-1/Z	\$542.00
JA-27000/06x-09-1/Z	\$240.00	JS-27000/06x-09-1/Z	\$599.00
JA-27000/06x-10-1/Z	\$260.00	JS-27000/06x-10-1/Z	\$656.00

1/2" NPT (#8 SAE) Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
JA-27000/08x-02-1/Z	\$96.00	JS-27000/08x-02-1/Z	\$267.00
JA-27000/08x-03-1/Z	\$128.00	JS-27000/08x-03-1/Z	\$364.00
JA-27000/08x-04-1/Z	\$141.00	JS-27000/08x-04-1/Z	\$409.00
JA-27000/08x-05-1/Z	\$176.00	JS-27000/08x-05-1/Z	\$442.00
JA-27000/08x-06-1/Z	\$206.00	JS-27000/08x-06-1/Z	\$475.00
JA-27000/08x-07-1/Z	\$234.00	JS-27000/08x-07-1/Z	\$543.00
JA-27000/08x-08-1/Z	\$262.00	JS-27000/08x-08-1/Z	\$611.00
JA-27000/08x-09-1/Z	\$283.00	JS-27000/08x-09-1/Z	\$677.00

3/4" NPT (#12 SAE) Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
JA-27000/12x-02-1/Z	\$127.00	JS-27000/12x-02-1/Z	\$301.00
JA-27000/12x-03-1/Z	\$171.00	JS-27000/12x-03-1/Z	\$409.00
JA-27000/12x-04-1/Z	\$219.00	JS-27000/12x-04-1/Z	\$483.00
JA-27000/12x-05-1/Z	\$264.00	JS-27000/12x-05-1/Z	\$587.00
JA-27000/12x-06-1/Z	\$310.00	JS-27000/12x-06-1/Z	\$691.00
JA-27000/12x-07-1/Z	\$353.00	JS-27000/12x-07-1/Z	\$788.00

1" NPT (#16 SAE) Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
JA-27000/16x-02-1/Z	\$189.00	JS-27000/16x-02-1/Z	\$343.00
JA-27000/16x-03-1/Z	\$217.00	JS-27000/16x-03-1/Z	\$475.00
JA-27000/16x-04-1/Z	\$302.00	JS-27000/16x-04-1/Z	\$547.00
JA-27000/16x-05-1/Z	\$347.00	JS-27000/16x-05-1/Z	\$677.00
JA-27000/16x-06-1/Z	\$392.00	JS-27000/16x-06-1/Z	\$807.00

* Please Note: Junction Bar Manifolds are Non-Returnable

Note: x - End & Side Port Thread Code

P - NPT Threads

S - SAE Threads

BSPP, BSPT and Metric threads are also available, consult factory for price.

"Standard" Port Sizes and combinations are shown. Junction Manifolds with "Non-Standard" Port Sizes or combinations are available - Request Quote.

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Fax: 989-354-4190 www.magnaloy.com



Junction Bar Manifolds* with NPT & SAE Ports - 270 Degree

1 1/2" NPT (#24 SAE) Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
JA-27000/24x-02-1/Z	\$288.00	JS-27000/24x-02-1/Z	\$559.00
JA-27000/24x-03-1/Z	\$395.00	JS-27000/24x-03-1/Z	\$695.00
JA-27000/24x-04-1/Z	\$516.00	JS-27000/24x-04-1/Z	\$1,019.00

1 1/4" NPT (#20 SAE) Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
JA-27000/20x-02-1/Z	\$208.00	JS-27000/20x-02-1/Z	\$412.00
JA-27000/20x-03-1/Z	\$291.00	JS-27000/20x-03-1/Z	\$566.00
JA-27000/20x-04-1/Z	\$408.00	JS-27000/20x-04-1/Z	\$726.00
JA-27000/20x-05-1/Z	\$466.00	JS-27000/20x-05-1/Z	\$888.00

* Please Note: Junction Bar Manifolds are Non-Returnable

Note: x - End & Side Port Thread Code

P - NPT Threads

S - SAE Threads

BSPP, BSPT and Metric threads are also available,
consult factory for price.

"Standard" Port Sizes and combinations are shown. Junction Manifolds with "Non-Standard" Port Sizes or combinations are available - Request Quote.

Make the Connection with **magnaloy**

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Flexible Drive Couplings

Top-of-the-line magnesium couplings are lighter, yet stronger than either cast iron or aluminum. They also offer better corrosion resistance and easier handling.

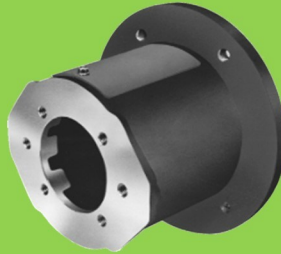


Magnaloy Hydraulic Bar Manifolds & Accessories

Complete line of Inline Bar Manifolds, Subplates, Cover Plates, Valve Adaptors, Integrated Circuit Manifolds, and Accessories to make the design and fabrication of Hydraulic Circuitry simple and easy. Wide range of sizes include: D03, D05, D05H & D08 in aluminum and steel with ports available in SAE, NPTF, BSPP, and BSPT styles. Custom design and fabrication also available, consult factory.

Accessories

Filler Breather Adaptors, Filler Breathers, Reservoir Flanges, Suction Strainers, Gauge Isolators, Liquid Level Gauges, Modular O-Ring Kits.



Pump/Motor Mounts

Precision machined aluminum & custom steel pump/motor mounts directly connect the motor and pump while ensuring accurate shaft alignment and enclosing the coupling. Vertical and horizontal models readily available from stock.



Rod End Couplers

Two models of accurately machined high tensile cylinder rod end alignment couplers offer 7° or 10° spherical and 1/8" parallel misalignment capabilities.



PM 90 Couplings

Economical PM-90 Iron Powder Couplings have long lasting nitrile, hytrel or urethane inserts. Double set screws give excellent gripping power.



Magnaloy Reservoirs & Reservoir Accessories

Pressure Magnaloy offers a complete line of standard reservoirs and reservoir accessories. In addition, we offer custom reservoir fabrication to meet our customer specific needs. Reservoir accessories such as Clean Out Covers and SAE Couplings are available for the "do-it-yourself" reservoir manufacturer.



Magnaloy Pressure Switch

Pressure Sensing switch capable of sensing up to two (2) separate pressures. Each sensor is externally independently adjustable from 200 to 4000 psi. Viton seals provide wide fluid compatibility range.

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