



LIST PRICES
 Effective January 1, 2009
 Subject to change
 upon notice
 Rev 1/06/10

**Flexible Drive Couplings PM 90 Couplings Pump/Motor Mounts
 Hydraulic Manifolds & Manifold Accessories
 Reservoirs Reservoir Accessories Rod End Alignment Couplers Price List**



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D03 Standard Flow Bar Manifolds - PARALLEL

PARALLEL

ALUMINUM (2.00" Valve Spacing)

Part Number	Price
BM-ASP03X2-01-1/Z	\$52.35
BM-ASP03X2-02-1/Z	\$65.55
BM-ASP03X2-03-1/Z	\$85.95
BM-ASP03X2-04-1/Z	\$110.35
BM-ASP03X2-05-1/Z	\$129.45
BM-ASP03X2-06-1/Z	\$151.25
BM-ASP03X2-07-1/Z	\$170.30
BM-ASP03X2-08-1/Z	\$192.10
BM-ASP03X2-09-1/Z	\$234.95
BM-ASP03X2-10-1/Z	\$257.95

STEEL (2.00" Valve Spacing)

Part Number	Price
BM-SSP03X2-01-1/Z	\$95.90
BM-SSP03X2-02-1/Z	\$149.25
BM-SSP03X2-03-1/Z	\$204.50
BM-SSP03X2-04-1/Z	\$251.30
BM-SSP03X2-05-1/Z	\$299.70
BM-SSP03X2-06-1/Z	\$340.30
BM-SSP03X2-07-1/Z	\$384.05
BM-SSP03X2-08-1/Z	\$429.45
BM-SSP03X2-09-1/Z	\$476.45
BM-SSP03X2-10-1/Z	\$525.05

NOTE: X = Thread Type.
See Model Number Breakdown on Catalog page 1-1 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 Gauge Ports
- S Relief Valve Cavity Sun T-10A
- I Isolation Plug
- B, T, or M Thread Option

PRICE ALUMINUM

- \$16.80 per cavity
- \$52.20 per manifold
- No Charge
- \$16.80 per cavity
- \$41.80 per plug
- \$29.30

STEEL

- \$24.05 per cavity
- \$57.85 per manifold
- No Charge
- \$24.05 per cavity
- \$48.75 per plug
- \$36.40

ACCESSORIES (Ordered Separately)

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

\$27.60 each (mounting holes are standard)

No Charge when requested (mounting are standard)

D03 Bar Manifolds - SERIES

SERIES

ALUMINUM (2.00" Valve Spacing)

Part Number	Price
BM-ASS03X2-02-0/Z	\$75.90
BM-ASS03X2-03-0/Z	\$106.70
BM-ASS03X2-04-0/Z	\$135.30
BM-ASS03X2-05-0/Z	\$163.90

STEEL (2.00" Valve Spacing)

Part Number	Price
BM-SSS03X2-02-0/Z	\$157.25
BM-SSS03X2-03-0/Z	\$213.35
BM-SSS03X2-04-0/Z	\$249.90
BM-SSS03X2-05-0/Z	\$274.30

NOTE: X = Thread Type.
See Model Number Breakdown on Catalog page 1-2 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 Isolation Plug
- B, T, or M Thread Option

PRICE ALUMINUM

- \$16.80 per cavity
- \$52.20 per manifold
- No Charge
- \$41.80 per plug
- \$29.30

STEEL

- \$24.05 per cavity
- \$57.85 per manifold
- No Charge
- \$48.75 per plug
- \$36.40

ACCESSORIES (Ordered Separately)

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

\$27.60 each (mounting holes are standard)

No Charge when requested (mounting are standard)

D03 Retro Bar Manifolds - PARALLEL



PARALLEL

ALUMINUM (2.13" Valve Spacing)

Part Number	Price
BMR-ASP03X2-01-1/Z	\$50.60
BMR-ASP03X2-02-1/Z	\$67.10
BMR-ASP03X2-03-1/Z	\$88.00
BMR-ASP03X2-04-1/Z	\$110.10
BMR-ASP03X2-05-1/Z	\$130.90
BMR-ASP03X2-06-1/Z	\$151.80
BMR-ASP03X2-07-1/Z	\$171.60
BMR-ASP03X2-08-1/Z	\$190.30
BMR-ASP03X2-09-1/Z	\$227.70
BMR-ASP03X2-10-1/Z	\$250.80
BMR-ASP03X2-11-1/Z	\$269.50
BMR-ASP03X2-12-1/Z	\$292.60
BMR-ASP03X2-13-1/Z	\$322.30
BMR-ASP03X2-14-1/Z	\$346.50

STEEL (2.13" Valve Spacing)

Part Number	Price
BMR-SSP03X2-01-1/Z	\$99.95
BMR-SSP03X2-02-1/Z	\$151.15
BMR-SSP03X2-03-1/Z	\$208.45
BMR-SSP03X2-04-1/Z	\$247.45
BMR-SSP03X2-05-1/Z	\$315.95
BMR-SSP03X2-06-1/Z	\$362.05
BMR-SSP03X2-07-1/Z	\$413.25
BMR-SSP03X2-08-1/Z	\$497.35
BMR-SSP03X2-09-1/Z	\$614.40
BMR-SSP03X2-10-1/Z	\$691.15
BMR-SSP03X2-11-1/Z	\$835.10
BMR-SSP03X2-12-1/Z	\$909.35
BMR-SSP03X2-13-1/Z	\$960.35
BMR-SSP03X2-14-1/Z	\$1,033.70

ALUMINUM (4.00" Valve Spacing)

Part Number	Price
BMR-ASP03X4-02-1/Z	\$77.00
BMR-ASP03X4-03-1/Z	\$111.10
BMR-ASP03X4-04-1/Z	\$143.00
BMR-ASP03X4-05-1/Z	\$183.70
BMR-ASP03X4-06-1/Z	\$224.40
BMR-ASP03X4-07-1/Z	\$251.90
BMR-ASP03X4-08-1/Z	\$313.50

STEEL (4.00" Valve Spacing)

Part Number	Price
BMR-SSP03X4-02-1/Z	\$187.75
BMR-SSP03X4-03-1/Z	\$286.45
BMR-SSP03X4-04-1/Z	\$349.85
BMR-SSP03X4-05-1/Z	\$447.35
BMR-SSP03X4-06-1/Z	\$532.70
BMR-SSP03X4-07-1/Z	\$680.20
BMR-SSP03X4-08-1/Z	\$774.05

NOTE: X = Thread Type. See Model Number Breakdown on Catalog page 1-3 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
-G4	#4 SAE Gauge Ports
-S	Relief Valve Cavity Sun T-10A
-I	Isolation Plug
-B, T, or M	Thread Option

PRICE

ALUMINUM

\$22.00	per cavity
\$41.80	per manifold
\$13.20	
\$22.00	per cavity
\$24.20	per plug
\$29.30	

STEEL

\$31.70	per cavity
\$56.05	per manifold
\$19.50	
\$31.70	per cavity
\$34.15	per plug
\$36.40	



D03 High Flow Retro Bar Manifolds

PARALLEL

ALUMINUM (2.13" Valve Spacing)

Part Number	Price
BMR-AHP03X2-01-1/Z	\$125.40
BMR-AHP03X2-02-1/Z	\$145.20
BMR-AHP03X2-03-1/Z	\$181.50
BMR-AHP03X2-04-1/Z	\$226.65
BMR-AHP03X2-05-1/Z	\$261.80
BMR-AHP03X2-06-1/Z	\$301.40
BMR-AHP03X2-07-1/Z	\$341.00
BMR-AHP03X2-08-1/Z	\$382.80
BMR-AHP03X2-09-1/Z	\$441.10
BMR-AHP03X2-10-1/Z	\$530.20
BMR-AHP03X2-11-1/Z	\$570.90
BMR-AHP03X2-12-1/Z	\$621.50

STEEL (2.13" Valve Spacing)

Part Number	Price
BMR-SHP03X2-01-1/Z	\$209.65
BMR-SHP03X2-02-1/Z	\$310.85
BMR-SHP03X2-03-1/Z	\$393.75
BMR-SHP03X2-04-1/Z	\$455.90
BMR-SHP03X2-05-1/Z	\$570.50
BMR-SHP03X2-06-1/Z	\$658.25
BMR-SHP03X2-07-1/Z	\$741.15
BMR-SHP03X2-08-1/Z	\$886.20
BMR-SHP03X2-09-1/Z	\$1,093.45
BMR-SHP03X2-10-1/Z	\$1,225.10
BMR-SHP03X2-11-1/Z	\$1,323.85
BMR-SHP03X2-12-1/Z	\$1,421.35

ALUMINUM (4.00" Valve Spacing)

Part Number	Price
BMR-AHP03X4-02-1/Z	\$193.60
BMR-AHP03X4-03-1/Z	\$265.10
BMR-AHP03X4-04-1/Z	\$303.60
BMR-AHP03X4-05-1/Z	\$365.20
BMR-AHP03X4-06-1/Z	\$465.30
BMR-AHP03X4-07-1/Z	\$473.00
BMR-AHP03X4-08-1/Z	\$584.10

STEEL (4.00" Valve Spacing)

Part Number	Price
BMR-SHP03X4-02-1/Z	\$342.55
BMR-SHP03X4-03-1/Z	\$474.20
BMR-SHP03X4-04-1/Z	\$591.20
BMR-SHP03X4-05-1/Z	\$743.60
BMR-SHP03X4-06-1/Z	\$876.45
BMR-SHP03X4-07-1/Z	\$1,109.30
BMR-SHP03X4-08-1/Z	\$1,255.55

NOTE: X = Thread Type. See Model Number Breakdown on Catalog page 1-4 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
-G4	#4 SAE Gauge Ports
-S	Relief Valve Cavity Sun T-3A
-I	Isolation Plug
-B, T, or M	Thread Option

PRICE	ALUMINUM	STEEL
	\$33.00 per cavity	\$47.55 per cavity
	\$41.80 per manifold	\$56.05 per manifold
	\$13.20	\$19.50
	\$33.00 per cavity	\$47.55 per cavity
	\$24.20 per plug	\$34.15 per plug
	\$29.30	\$36.40

D05 Bar Manifolds - PARALLEL



PARALLEL

ALUMINUM (3.25" Valve Spacing)

Part Number	Price
BM-ASP05X3-01-1/Z	\$65.40
BM-ASP05X3-02-1/Z	\$102.20
BM-ASP05X3-03-1/Z	\$138.90
BM-ASP05X3-04-1/Z	\$177.15
BM-ASP05X3-05-1/Z	\$213.85
BM-ASP05X3-06-1/Z	\$250.20
BM-ASP05X3-07-1/Z	\$286.90
BM-ASP05X3-08-1/Z	\$362.90

STEEL (3.25" Valve Spacing)

Part Number	Price
BM-SSP05X3-01-1/Z	\$161.40
BM-SSP05X3-02-1/Z	\$228.45
BM-SSP05X3-03-1/Z	\$281.60
BM-SSP05X3-04-1/Z	\$349.00
BM-SSP05X3-05-1/Z	\$425.05
BM-SSP05X3-06-1/Z	\$522.35

NOTE: X = Thread Type. See Model Number Breakdown on Catalog page 1-5 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	\$117.15
BM-ASP05X5-03-1/Z	\$167.20
BM-ASP05X5-04-1/Z	\$213.15
BM-ASP05X5-05-1/Z	\$259.75
BM-ASP05X5-06-1/Z	\$305.60

STEEL (5.00" Valve Spacing)

Part Number	Price
BM-SSP05X5-02-1/Z	\$260.70
BM-SSP05X5-03-1/Z	\$352.00
BM-SSP05X5-04-1/Z	\$466.05
BM-SSP05X5-05-1/Z	\$569.15
BM-SSP05X5-06-1/Z	\$664.05

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 Isolation Plug P - Pressure Passage
T - Tank Passage
- B, T, or M Thread Option

PRICE	ALUMINUM	STEEL
	\$16.80 per cavity	\$24.05 per cavity
	\$52.20 per manifold	\$57.85 per manifold
	No Charge	No Charge
	No Charge	No Charge
	\$16.80 per cavity	\$24.05 per cavity
	\$45.10 per plug	\$51.20 per plug
	\$50.60 per plug	\$58.50 per plug
	\$29.30	\$36.40

ACCESSORIES (Ordered Separately)

- FK-A05 Flange Mounting Kit (S-12-9)
- BK-A05 "L" Bracket Kit (S-12-10)

\$29.00 each (mounting holes are standard)

No Charge when requested (mounting are standard)

D05 Bar Manifolds - SERIES

SERIES - ALUMINUM (3.25" Valve Spacing)

Part Number	Price
BM-ASS05X3-02-1/Z	\$163.95
BM-ASS05X3-03-1/Z	\$262.25
BM-ASS05X3-04-1/Z	\$365.80

STEEL (3.25" Valve Spacing)

Part Number	Price
BM-SSS05X3-02-1/Z	\$360.90
BM-SSS05X3-03-1/Z	\$429.80
BM-SSS05X3-04-1/Z	\$569.35

ALUMINUM (5.00" Valve Spacing)

Part Number	Price
BM-ASS05X5-02-1/Z	\$173.45
BM-ASS05X5-03-1/Z	\$278.85
BM-ASS05X5-04-1/Z	\$378.15

STEEL (5.00" Valve Spacing)

Part Number	Price
BM-SSS05X5-02-1/Z	\$466.10
BM-SSS05X5-03-1/Z	\$576.10
BM-SSS05X5-04-1/Z	\$688.65

D05E & D05H High Flow Bar Manifolds



D05E Alt. A

ALUMINUM (3.25" Valve Spacing)

Part Number	Price
BM-AHP5EX3-01-1/Z	\$120.90
BM-AHP5EX3-02-1/Z	\$187.55
BM-AHP5EX3-03-1/Z	\$274.40
BM-AHP5EX3-04-1/Z	\$345.50
BM-AHP5EX3-05-1/Z	\$413.50
BM-AHP5EX3-06-1/Z	\$485.85
BM-AHP5EX3-07-1/Z	\$565.60

STEEL (3.25" Valve Spacing)

Part Number	Price
BM-SHP5EX3-01-1/Z	\$243.85
BM-SHP5EX3-02-1/Z	\$379.82
BM-SHP5EX3-03-1/Z	\$560.90
BM-SHP5EX3-04-1/Z	\$706.60
BM-SHP5EX3-05-1/Z	\$845.50
BM-SHP5EX3-06-1/Z	\$994.15
BM-SHP5EX3-07-1/Z	\$1,159.35

ALUMINUM (5.00" Valve Spacing)

Part Number	Price
BM-AHP5EX5-02-1/Z	\$215.90
BM-AHP5EX5-03-1/Z	\$308.10
BM-AHP5EX5-04-1/Z	\$414.60
BM-AHP5EX5-05-1/Z	\$502.85
BM-AHP5EX5-06-1/Z	\$611.95
BM-AHP5EX5-07-1/Z	\$742.50

STEEL (3.25" Valve Spacing)

Part Number	Price
BM-SHP5EX5-02-1/Z	\$443.00
BM-SHP5EX5-03-1/Z	\$663.60
BM-SHP5EX5-04-1/Z	\$860.90
BM-SHP5EX5-05-1/Z	\$1,045.05
BM-SHP5EX5-06-1/Z	\$1,275.75
BM-SHP5EX5-07-1/Z	\$1,510.95

D05H Alt. B

ALUMINUM (3.25" Valve Spacing)

Part Number	Price
BM-AHP5HX3-01-1/Z	\$120.90
BM-AHP5HX3-02-1/Z	\$187.55
BM-AHP5HX3-03-1/Z	\$274.40
BM-AHP5HX3-04-1/Z	\$345.50
BM-AHP5HX3-05-1/Z	\$413.50
BM-AHP5HX3-06-1/Z	\$485.85
BM-AHP5HX3-07-1/Z	\$565.60

STEEL (3.25" Valve Spacing)

Part Number	Price
BM-SHP5HX3-01-1/Z	\$243.85
BM-SHP5HX3-02-1/Z	\$379.82
BM-SHP5HX3-03-1/Z	\$560.90
BM-SHP5HX3-04-1/Z	\$706.60
BM-SHP5HX3-05-1/Z	\$845.50
BM-SHP5HX3-06-1/Z	\$994.15
BM-SHP5HX3-07-1/Z	\$1,159.35

ALUMINUM (5.00" Valve Spacing)

Part Number	Price
BM-AHP5HX5-02-1/Z	\$215.90
BM-AHP5HX5-03-1/Z	\$308.10
BM-AHP5HX5-04-1/Z	\$414.60
BM-AHP5HX5-05-1/Z	\$502.85
BM-AHP5HX5-06-1/Z	\$611.95
BM-AHP5HX5-07-1/Z	\$742.50

STEEL (5.00" Valve Spacing)

Part Number	Price
BM-SHP5HX5-02-1/Z	\$443.00
BM-SHP5HX5-03-1/Z	\$663.60
BM-SHP5HX5-04-1/Z	\$860.90
BM-SHP5HX5-05-1/Z	\$1,045.05
BM-SHP5HX5-06-1/Z	\$1,275.75
BM-SHP5HX5-07-1/Z	\$1,510.95

NOTE: X = Thread Type. See Model Number Breakdown on Catalog page 1-8 or 1-9 for the appropriate code.

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

D08 High Flow Retro Bar Manifolds



PARALLEL

ALUMINUM (5.25" Valve Spacing)

Part Number	Price
BMR-AHP08X5-01-1/Z	\$295.90
BMR-AHP08X5-02-1/Z	\$458.70
BMR-AHP08X5-03-1/Z	\$632.50
BMR-AHP08X5-04-1/Z	\$864.60
BMR-AHP08X5-05-1/Z	\$1,056.00
BMR-AHP08X5-06-1/Z	\$1,230.90

STEEL (5.25" Valve Spacing)

Part Number	Price
BMR-SHP08X5-01-1/Z	\$470.55
BMR-SHP08X5-02-1/Z	\$793.50
BMR-SHP08X5-03-1/Z	\$1,114.15
BMR-SHP08X5-04-1/Z	\$1,433.55
BMR-SHP08X5-05-1/Z	\$1,732.20
BMR-SHP08X5-06-1/Z	\$2,032.10

NOTE: X = Thread Type.
See Model Number Breakdown on Catalog page 1-11 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	\$530.20
BMR-AHP08X7-03-1/Z	\$757.90
BMR-AHP08X7-04-1/Z	\$1,048.30
BMR-AHP08X7-05-1/Z	\$1,265.00

STEEL (7.00" Valve Spacing)

Part Number	Price
BMR-SHP08X7-02-1/Z	\$954.50
BMR-SHP08X7-03-1/Z	\$1,392.10
BMR-SHP08X7-04-1/Z	\$1,800.45
BMR-SHP08X7-05-1/Z	\$2,219.80

OPTIONS

- C Relief Valve Cavity C-10-2
- 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 Isolation Plug P - Pressure Passage
- B, T, or M Thread Option

PRICE	ALUMINUM	STEEL
	\$45.15 per cavity	\$63.40 per cavity
	\$77.00 per manifold	\$107.25 per manifold
	\$25.30	\$37.80
	\$25.30 per station	\$37.80 per station
	\$45.10 per cavity	\$63.40 per cavity
	\$49.50 per plug	\$73.70 per plug
	\$29.30	\$36.40

D08 Bar Manifolds - SERIES

PARALLEL

ALUMINUM (5.25" Valve Spacing)

Part Number	Price
BM-ASS08X7-02-0/Z	\$566.60
BM-ASS08X7-03-0/Z	\$834.40
BM-ASS08X7-04-0/Z	\$1,079.75

STEEL (5.25" Valve Spacing)

Part Number	Price
BM-SSS08X7-02-0/Z	\$1,127.60
BM-SSS08X7-03-0/Z	\$1,645.65
BM-SSS08X7-04-0/Z	\$2,194.20

OPTIONS

- G #4 SAE or 1/4" NPTF Gauge Ports
- G6 #6 SAE Gauge Ports
- P Pilot Pressure (Individual per station)
- B, T, or M Thread Option

PRICE	ALUMINUM	STEEL
	No Charge	No Charge
	No Charge	No Charge
	\$8.20 per manifold	\$9.10 per manifold
	\$29.30	\$36.40

ACCESSORIES (Ordered Separately)

- FK-A05 Flange Mounting Kit (S-12-9)
- BK-A05 "L" Bracket Kit (S-12-10)

\$29.00 each (mounting holes are standard)
No Charge when requested (mounting are standard)



Integrated Circuit Bar Manifolds

D05 TANK LINE FEED CONTROL MANIFOLD

Part Number	Price
IC-A05S11-0	\$192.50
IC-S05S11-0	\$432.75
IC-A05P11-0	\$192.50
IC-S05P11-0	\$432.75

D05 SOLENOID ACTIVATED REGENERATION MODULE

Part Number	Price
IC-A05S31-0	\$192.50
IC-S05S31-0	\$518.10
IC-A05P31-0	\$192.50
IC-S05P31-0	\$518.10

D05 FEED CONTROL - CYLINDER PORT METER OUT

Part Number	Price
IC-A05S41-0	\$192.50
IC-S05S41-0	\$518.10
IC-A05P41-0	\$192.50
IC-S05P41-0	\$518.10

D05 FEED CONTROL - CYLINDER PORT METER IN

Part Number	Price
IC-A05S42-0	\$192.50
IC-S05S42-0	\$518.10
IC-A05P42-0	\$192.50
IC-S05P42-0	\$518.10

D08 HI-LO PRESSURE OPERATED UNLOADING MANIFOLD

Part Number	Price
IC-A08S21-0	\$924.00
IC-S08S21-0	\$1,828.50
IC-A08P21-0	\$924.00
IC-S08P21-0	\$1,828.50

MOUNTING BRACKET KIT FOR D08 IC UNLOADING MANIFOLD

Part Number	Price
BK-IC08	\$29.00

D03 SUBPLATES SUPER SAVER SUBPLATE All 4 Sides Ported

Part Number	Price
SP-A03X4-1/PZ	\$29.15
SP-A03X6-1/PZ	\$29.15
SP-S03X4-1/PZ	\$42.65
SP-S03X6-1/PZ	\$42.65

NOTE: X = Thread Type.
See Model Number Breakdown
on Catalog page 3 for the
appropriate code.

All 4 Ports on Bottom

Part Number	Price
SP-A03X4-1/DZ	\$26.45
SP-A03X6-1/DZ	\$26.45
SP-S03X4-1/DZ	\$38.85
SP-S03X6-1/DZ	\$38.85

STANDARD SIDE PORTED SUBPLATES A & B Ports on opposite side of P & T Ports

Part Number	Price
SP-A03X6-1/Z	\$44.45
SP-A03X8-1/Z	\$44.45
SP-S03X6-1/Z	\$56.45
SP-S03X8-1/Z	\$56.45

NOTE: X = Thread Type.
See Model Number Breakdown
on Catalog page 3 for the
appropriate code.

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

Part Number	Price
SP-A03X6-1/C	\$58.75
SP-A03X8-1/C	\$58.75
SP-S03X6-1/C	\$75.95
SP-S03X8-1/C	\$75.95

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

Part Number	Price
SP-A03X6-1/BZ	\$47.75
SP-A03X8-1/BZ	\$47.75
SP-S03X6-1/BZ	\$62.55
SP-S03X8-1/BZ	\$62.55

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	\$62.05
SP-A03X8-1/BC	\$62.05
SP-S03X6-1/BC	\$82.05
SP-S03X8-1/BC	\$82.05

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	\$58.75
SP-A03X8-1/S	\$58.75
SP-S03X6-1/S	\$75.95
SP-S03X8-1/S	\$75.95

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	\$62.05
SP-A03X8-1/BS	\$62.05
SP-S03X6-1/BS	\$82.05
SP-S03X8-1/BS	\$82.05

OPTIONS

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

PRICE	<u>ALUMINUM</u>	<u>STEEL</u>
	No Charge	No Charge
	\$29.30	\$36.40

D05 SUBPLATES SUPER SAVER SUBPLATE All 4 Sides Ported

Part Number	Price
SP-A05X6-1/PZ	\$44.15
SP-A05X8-1/PZ	\$44.15
SP-S05X6-1/PZ	\$67.25
SP-S05X8-1/PZ	\$67.25

NOTE: X = Thread Type.
See Model Number Breakdown
on Catalog page 3 for the
appropriate code.

All 4 Ports on Bottom

Part Number	Price
SP-A05X6-1/DZ	\$41.10
SP-A05X8-1/DZ	\$41.10
SP-S05X6-1/DZ	\$56.85
SP-S05X8-1/DZ	\$56.85

D05 SUBPLATES (Continued)

STANDARD SIDE PORTED SUBPLATE

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

Part Number	Price
SP-A05X6-1/Z	\$50.95
SP-A05X8-1/Z	\$50.95
SP-S05X6-1/Z	\$64.55
SP-S05X8-1/Z	\$64.55

NOTE: X = Thread Type.
See Model Number Breakdown
on Catalog page 3 for the
appropriate code.

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

Part Number	Price
SP-A05X6-1/C	\$67.45
SP-A05X8-1/C	\$67.45
SP-S05X6-1/C	\$88.70
SP-S05X8-1/C	\$88.70

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

Part Number	Price
SP-A05X6-1/BZ	\$56.45
SP-A05X8-1/BZ	\$56.45
SP-S05X6-1/BZ	\$74.30
SP-S05X8-1/BZ	\$74.30

*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	\$72.95
SP-A05X8-1/BC	\$72.95
SP-S05X6-1/BC	\$98.45
SP-S05X8-1/BC	\$98.45

*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	\$67.45
SP-A05X8-1/S	\$67.45
SP-S05X6-1/S	\$88.70
SP-S03X8-1/S	\$88.70

*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	\$72.95
SP-A05X8-1/BS	\$72.95
SP-S05X6-1/BS	\$98.45
SP-S05X8-1/BS	\$98.45

OPTIONS

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

PRICE	ALUMINUM	STEEL
	No Charge	No Charge
	\$29.30	\$36.40

HIGH FLOW SIDE PORTED SUBPLATES

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

Part Number	Price
SP-AH05X12-1/Z	\$51.70
SP-SH05X12-1/Z	\$85.35

NOTE: X = Thread Type.
See Model Number Breakdown
on Catalog page 3 for the
appropriate code.

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

Part Number	Price
SP-AH05X12-1/C	\$68.20
SP-SH05X12-1/C	\$109.45

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

Part Number	Price
SP-AH05X12-1/BZ	\$58.30
SP-SH05X12-1/BZ	\$93.85

*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	\$74.80
SP-SH05X12-1/BC	\$118.00

*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	\$68.20
SP-SH05X12-1/S	\$109.45

*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/BC	\$74.80
SP-SH05X12-1/BC	\$118.00

OPTIONS

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

PRICE	ALUMINUM	STEEL
	No Charge	No Charge
	No Charge	No Charge
	\$29.30	\$36.40

Subplates / Cover Plates



D08 SUBPLATES

STANDARD SIDE PORTED SUBPLATE

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

Part Number	Price
SP-A08X12-1/Z	\$90.85
SP-A08X16-1/Z	\$90.85
SP-S08X12-1/Z	\$118.85
SP-S08X16-1/Z	\$118.85

NOTE: X = Thread Type.
See Model Number Breakdown
on Catalog page 3 for the
appropriate code.

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

Part Number	Price
SP-A08X12-1/C	\$115.05
SP-A08X16-1/C	\$115.05
SP-S08X12-1/C	\$155.45
SP-S08X16-1/C	\$155.45

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

Part Number	Price
SP-A08X12-1/BZ	\$90.00
SP-A08X16-1/BZ	\$90.00
SP-S08X12-1/BZ	\$127.85
SP-S08X16-1/BZ	\$127.85

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	\$123.20
SP-A08X16-1/BC	\$123.20
SP-S08X12-1/BC	\$164.45
SP-S08X16-1/BC	\$164.45

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	\$115.05
SP-A08X16-1/S	\$115.05
SP-S08X12-1/S	\$155.45
SP-S08X16-1/S	\$155.45

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	\$123.20
SP-A08X16-1/BS	\$123.20
SP-S08X12-1/BS	\$164.45
SP-S08X16-1/BS	\$164.45

OPTIONS

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

PRICE	ALUMINUM	STEEL
	No Charge	No Charge
	\$29.30	\$36.40

Cover Plates

D03 COVER PLATES

Part Number	Price
CP-ASP03E-1/Z	\$14.30
CP-SSP03E-1/Z	\$18.30
CP-ASP03E-1/G	\$15.30
CP-SSP03E-1/G	\$20.95
CP-ASS03E-1/Z	\$17.35
CP-SSS03E-1/Z	\$23.20

D05 COVER PLATES

Part Number	Price
CP-ASP05E-1/Z	\$15.85
CP-SSP05E-1/Z	\$19.80
CP-ASP05E-1/G	\$18.15
CP-SSP05E-1/G	\$23.85
CP-ASS05E-1/Z	\$22.60
CP-SSS05E-1/Z	\$28.75

D08 COVER PLATES

Part Number	Price
CP-ASP08E-1/Z	\$47.60
CP-SSP08E-1/Z	\$65.85
CP-ASP08E-1/G	\$56.70
CP-SSP08E-1/G	\$75.95
CP-ASS08E-1/Z	\$88.10
CP-SSS08E-1/Z	\$117.15

OPTIONS

- B, T, or M Thread Option

PRICE	ALUMINUM	STEEL
	\$29.30	\$36.40



Valve Adaptors / Isolation Plugs

DIRECTIONAL VALVE PATTERN ADAPTOR

Part Number	Price
VA-A03/05-EBA-0	\$45.50
VA-S03/05-EBA-0	\$87.35
VA-A05/08-EAA-0	\$104.45
VA-S05/08-EAA-0	\$170.05

FLOW CONTROL VALVE PATTERN ADAPTOR

Part Number	Price
VA-AF6/F7-EAA-0	\$71.15
VA-SF6/F7-EAA-0	\$136.55

DIRECTIONAL VALVE PATTERN ADAPTOR

Part Number	Price
VA-AP8/P0-EAA-0	\$79.90
VA-SP8/P0-EAA-0	\$132.40

Isolation Plugs

ISOLATION PLUGS ALUMINUM MANIFOLDS

Part Number	Usage	Passage	Price
IP-AP03-0	Old Style D03	"P" & "T"	\$38.00
IP-AP03-1	D03 High Flow	"P" & "T"	\$38.00
IP-AP03-1	D03 Std. Flow Retro Design	"P" & "T"	\$38.00
IP-AP05-1	D03 High Flow Retro Design	"P"	\$41.00
IP-SP08-1	D03 High Flow Retro Design	"T"	\$53.00
IP-AP05-0	D05 Std. Flow	"P"	\$41.00
IP-AT05-0	D05 Std. Flow	"T"	\$41.00
IP-AP08-0	D05 High Flow & D08 Std. Flow	"P"	\$48.00
IP-AT05-1	D05 High Flow	"T"	\$50.00
IP-AT08-0	D08 Std. Flow	"T"	\$50.00
IP-ST08-0	D08 High Flow Retro Design	"P"	\$53.00
N/A	D08 High Flow Retro Design	"T"	- -

STEEL MANIFOLDS

Part Number	Usage	Passage	Price
IP-SP03-0	Old Style D03	"P" & "T"	\$38.00
IP-SP03-1	D03 High Flow & Std. Flow Retro Design	"P" & "T"	\$38.00
IP-SP05-0	D03 High Flow Retro Design & D05 Std. Flow	"P"	\$38.00
IP-SP08-0	D03 High Flow Retro Design	"T"	\$41.00
IP-ST05-0	D05 Std. Flow	"T"	\$53.00
IP-SP08-0	D05 High Flow & D08 Std. Flow	"P"	\$41.00
IP-ST05-1	D05 High Flow	"T"	\$41.00
IP-ST08-0	D08 Std. Flow	"T"	\$48.00
IP-ST08-0	D08 High Flow Retro Design	"P"	\$53.00
N/A	D08 High Flow Retro Design	"T"	- -

Manifold Accessories

**PILOT ADAPTOR
MODULE DRAIN OR
AIR PILOT SUPPLY**
(For Vickers DG 18 Air Piloted
Directional Control Valve)

Part Number	Price
MA-A05ZZ-PA-ZZ-0	\$48.70
MA-S05ZZ-PA-ZZ-0	\$94.60

D03 TAPPING PLATE

Part Number	Price
MA-A03ZZ-TP-ZZ-1	\$17.20
MA-S03ZZ-TP-ZZ-1	\$21.40
MA-A034X-TP-PP-1	\$28.20
MA-S034X-TP-PP-1	\$43.35
MA-A034X-TP-PT-1	\$22.70
MA-S034X-TP-PT-1	\$32.35
MA-A034X-TP-AB-1	\$22.70
MA-S034X-TP-AB-1	\$32.35

OPTIONS
-B, T, or M Thread Option

**UNLOADING
(VENTING)
MODULES**

Part Number	Price
MA-A05ZZ-UM-ZZ-0	\$39.70
MA-S05ZZ-UM-ZZ-0	\$77.05

D05 TAPPING PLATE

Part Number	Price
MA-A05ZZ-TP-ZZ-1	\$24.75
MA-S05ZZ-TP-ZZ-1	\$36.10
MA-A054X-TP-PP-1	\$35.75
MA-S054X-TP-PP-1	\$58.00
MA-A054X-TP-PT-1	\$30.25
MA-S054X-TP-PT-1	\$46.95
MA-A054X-TP-AB-1	\$30.25
MA-S054X-TP-AB-1	\$47.05

PRICE ALUMINUM STEEL
\$29.30 \$36.40

ORIFICE PLATE

Part Number	Price
MA-A05ZZ-OP-ZZ-0	\$33.30
MA-S05ZZ-OP-ZZ-0	\$42.35

D08 TAPPING PLATE

Part Number	Price
MA-A08ZZ-TP-ZZ-1	\$60.50
MA-S08ZZ-TP-ZZ-1	\$85.35
MA-A084X-TP-PP-1	\$77.00
MA-S084X-TP-PP-1	\$114.60
MA-A084X-TP-PT-1	\$77.00
MA-S084X-TP-PT-1	\$114.90
MA-A084X-TP-AB-1	\$77.00
MA-S084X-TP-AB-1	\$114.60
MA-A084X-TP-PS-1	\$77.00
MA-S084X-TP-PS-1	\$114.60

Relief Valve Cartridges

**D03 HIGH FLOW MANIFOLDS
& ALL SUBPLATES**

Part Number	PSI RANGE	Price
RV-C10-2-02	50 - 200	\$54.50
RV-C10-2-15	50 - 1500	\$54.50
RV-C10-2-30	1500 - 3000	\$54.50

Part Number	PSI RANGE	Price
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RV-T10A-15	50 - 1500	\$54.50
RV-T10A-30	1500 - 3000	\$54.50

**D05, D05 HIGH FLOW
& D08 MANIFOLDS**

Part Number	PSI RANGE	Price
RV-C10-2-02	50 - 200	\$54.50
RV-C10-2-15	50 - 1500	\$54.50
RV-C10-2-30	1500 - 3000	\$54.50

Part Number	PSI RANGE	Price
RV-T3A-08	25 - 800	\$75.00
RV-T3A-15	50 - 1500	\$75.00
RV-T3A-30	100 - 3000	\$75.00

**OLD STYLE D03 &
D03 SERIES MANIFOLDS**

Part Number	PSI RANGE	Price
RV-C10-2R-02	50 - 200	\$54.50
RV-C10-2R-15	50 - 1500	\$54.50
RV-C10-2R-30	1500 - 3000	\$54.50



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	\$ 37.40	HS-0002P/01P-02-1/Z	\$ 57.30
HA-0002P/01P-03-1/Z	\$ 42.90	HS-0002P/01P-03-1/Z	\$ 65.85
HA-0002P/01P-04-1/Z	\$ 28.60	HS-0002P/01P-04-1/Z	\$ 56.05
HA-0002P/01P-05-1/Z	\$ 53.90	HS-0002P/01P-05-1/Z	\$ 81.65
HA-0002P/01P-06-1/Z	\$ 38.50	HS-0002P/01P-06-1/Z	\$ 76.80
HA-0002P/01P-07-1/Z	\$ 66.00	HS-0002P/01P-07-1/Z	\$ 97.50
HA-0002P/01P-08-1/Z	\$ 48.40	HS-0002P/01P-08-1/Z	\$ 97.50
HA-0002P/01P-09-1/Z	\$ 75.90	HS-0002P/01P-09-1/Z	\$113.35
HA-0002P/01P-10-1/Z	\$ 71.50	HS-0002P/01P-10-1/Z	\$117.00

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	\$ 39.60	HS-0006x/04x-02-1/Z	\$ 60.95
HA-0006x/04x-03-1/Z	\$ 26.40	HS-0006x/04x-03-1/Z	\$ 52.40
HA-0006x/04x-04-1/Z	\$ 31.90	HS-0006x/04x-04-1/Z	\$ 68.25
HA-0006x/04x-05-1/Z	\$ 59.40	HS-0006x/04x-05-1/Z	\$ 90.20
HA-0006x/04x-06-1/Z	\$ 44.00	HS-0006x/04x-06-1/Z	\$ 96.30
HA-0006x/04x-07-1/Z	\$ 72.60	HS-0006x/04x-07-1/Z	\$112.15
HA-0006x/04x-08-1/Z	\$ 66.00	HS-0006x/04x-08-1/Z	\$121.90
HA-0006x/04x-09-1/Z	\$111.10	HS-0006x/04x-09-1/Z	\$170.65
HA-0006x/04x-10-1/Z	\$ 75.90	HS-0006x/04x-10-1/Z	\$147.50

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	\$ 42.90	HS-0012x/08x-02-1/Z	\$109.70
HA-0012x/08x-03-1/Z	\$ 59.40	HS-0012x/08x-03-1/Z	\$151.15
HA-0012x/08x-04-1/Z	\$ 82.50	HS-0012x/08x-04-1/Z	\$210.90
HA-0012x/08x-05-1/Z	\$ 90.20	HS-0012x/08x-05-1/Z	\$259.65
HA-0012x/08x-06-1/Z	\$107.80	HS-0012x/08x-06-1/Z	\$280.35
HA-0012x/08x-07-1/Z	\$137.50	HS-0012x/08x-07-1/Z	\$330.35
HA-0012x/08x-08-1/Z	\$134.20	HS-0012x/08x-08-1/Z	\$352.30
HA-0012x/08x-09-1/Z	\$159.50	HS-0012x/08x-09-1/Z	\$377.90

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	\$ 68.20	HS-0020x/16x-02-1/Z	\$156.05
HA-0020x/16x-03-1/Z	\$ 92.40	HS-0020x/16x-03-1/Z	\$215.75
HA-0020x/16x-04-1/Z	\$118.80	HS-0020x/16x-04-1/Z	\$287.70
HA-0020x/16x-05-1/Z	\$154.00	HS-0020x/16x-05-1/Z	\$380.35
HA-0020x/16x-06-1/Z	\$183.70	HS-0020x/16x-06-1/Z	\$420.55

* 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.

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

Aluminum / 0 Degree		Steel / 0 Degree	
HA-0004P/02P-02-1/Z	\$ 38.50	HS-0004P/02P-02-1/Z	\$ 58.50
HA-0004P/02P-03-1/Z	\$ 24.20	HS-0004P/02P-03-1/Z	\$ 48.75
HA-0004P/02P-04-1/Z	\$ 29.70	HS-0004P/02P-04-1/Z	\$ 60.95
HA-0004P/02P-05-1/Z	\$ 55.00	HS-0004P/02P-05-1/Z	\$ 81.65
HA-0004P/02P-06-1/Z	\$ 39.60	HS-0004P/02P-06-1/Z	\$ 82.90
HA-0004P/02P-07-1/Z	\$ 66.00	HS-0004P/02P-07-1/Z	\$ 98.75
HA-0004P/02P-08-1/Z	\$ 49.50	HS-0004P/02P-08-1/Z	\$ 98.75
HA-0004P/02P-09-1/Z	\$ 91.30	HS-0004P/02P-09-1/Z	\$136.55
HA-0004P/02P-10-1/Z	\$ 72.60	HS-0004P/02P-10-1/Z	\$123.10

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	\$ 23.10	HS-0008x/06x-02-1/Z	\$ 54.85
HA-0008x/06x-03-1/Z	\$ 29.70	HS-0008x/06x-03-1/Z	\$ 71.90
HA-0008x/06x-04-1/Z	\$ 35.20	HS-0008x/06x-04-1/Z	\$ 79.25
HA-0008x/06x-05-1/Z	\$ 62.70	HS-0008x/06x-05-1/Z	\$ 95.10
HA-0008x/06x-06-1/Z	\$ 47.30	HS-0008x/06x-06-1/Z	\$101.20
HA-0008x/06x-07-1/Z	\$ 89.10	HS-0008x/06x-07-1/Z	\$135.30
HA-0008x/06x-08-1/Z	\$ 69.30	HS-0008x/06x-08-1/Z	\$124.35
HA-0008x/06x-09-1/Z	\$117.70	HS-0008x/06x-09-1/Z	\$180.40
HA-0008x/06x-10-1/Z	\$ 82.50	HS-0008x/06x-10-1/Z	\$145.05

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	\$ 61.60	HS-0016x/12x-02-1/Z	\$143.85
HA-0016x/12x-03-1/Z	\$ 89.10	HS-0016x/12x-03-1/Z	\$217.00
HA-0016x/12x-04-1/Z	\$117.70	HS-0016x/12x-04-1/Z	\$288.00
HA-0016x/12x-05-1/Z	\$134.20	HS-0016x/12x-05-1/Z	\$349.85
HA-0016x/12x-06-1/Z	\$154.00	HS-0016x/12x-06-1/Z	\$376.65
HA-0016x/12x-07-1/Z	\$170.50	HS-0016x/12x-07-1/Z	\$405.95

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	\$ 86.90	HS-0024x/20x-02-1/Z	\$204.80
HA-0024x/20x-03-1/Z	\$121.00	HS-0024x/20x-03-1/Z	\$292.55
HA-0024x/20x-04-1/Z	\$156.20	HS-0024x/20x-04-1/Z	\$391.30
HA-0024x/20x-05-1/Z	\$191.40	HS-0024x/20x-05-1/Z	\$524.15

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

Aluminum / 0 Degree		Steel / 0 Degree	
HA-0032x/24x-02-1/Z	\$132.00	HS-0032x/24x-02-1/Z	\$319.40
HA-0032x/24x-03-1/Z	\$189.20	HS-0032x/24x-03-1/Z	\$457.15
HA-0032x/24x-04-1/Z	\$268.40	HS-0032x/24x-04-1/Z	\$605.85

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

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	\$ 44.00	HS-0906x/04x-02-1/Z	\$ 68.25
HA-0906x/04x-03-1/Z	\$ 34.10	HS-0906x/04x-03-1/Z	\$ 75.60
HA-0906x/04x-04-1/Z	\$ 41.80	HS-0906x/04x-04-1/Z	\$ 99.95
HA-0906x/04x-05-1/Z	\$ 73.80	HS-0906x/04x-05-1/Z	\$119.45
HA-0906x/04x-06-1/Z	\$ 59.40	HS-0906x/04x-06-1/Z	\$137.75
HA-0906x/04x-07-1/Z	\$ 93.50	HS-0906x/04x-07-1/Z	\$164.55
HA-0906x/04x-08-1/Z	\$ 91.30	HS-0906x/04x-08-1/Z	\$176.75
HA-0906x/04x-09-1/Z	\$137.50	HS-0906x/04x-09-1/Z	\$209.95
HA-0906x/04x-10-1/Z	\$101.20	HS-0906x/04x-10-1/Z	\$215.75

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	\$ 27.50	HS-0908x/06x-02-1/Z	\$ 62.15
HA-0908x/06x-03-1/Z	\$ 36.30	HS-0908x/06x-03-1/Z	\$ 89.00
HA-0908x/06x-04-1/Z	\$ 44.00	HS-0908x/06x-04-1/Z	\$112.15
HA-0908x/06x-05-1/Z	\$ 73.70	HS-0908x/06x-05-1/Z	\$140.20
HA-0908x/06x-06-1/Z	\$ 60.50	HS-0908x/06x-06-1/Z	\$154.80
HA-0908x/06x-07-1/Z	\$107.80	HS-0908x/06x-07-1/Z	\$179.20
HA-0908x/06x-08-1/Z	\$ 94.60	HS-0908x/06x-08-1/Z	\$197.50
HA-0908x/06x-09-1/Z	\$147.40	HS-0908x/06x-09-1/Z	\$226.75
HA-0908x/06x-10-1/Z	\$110.00	HS-0908x/06x-10-1/Z	\$240.15

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	\$ 48.40	HS-0912x/08x-02-1/Z	\$114.60
HA-0912x/08x-03-1/Z	\$ 72.60	HS-0912x/08x-03-1/Z	\$179.20
HA-0912x/08x-04-1/Z	\$102.30	HS-0912x/08x-04-1/Z	\$251.10
HA-0912x/08x-05-1/Z	\$126.50	HS-0912x/08x-05-1/Z	\$307.20
HA-0912x/08x-06-1/Z	\$136.60	HS-0912x/08x-06-1/Z	\$341.30
HA-0912x/08x-07-1/Z	\$163.90	HS-0912x/08x-07-1/Z	\$412.00
HA-0912x/08x-08-1/Z	\$184.80	HS-0912x/08x-08-1/Z	\$459.55
HA-0912x/08x-09-1/Z	\$199.10	HS-0912x/08x-09-1/Z	\$536.35

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	\$ 64.90	HS-0916x/12x-02-1/Z	\$157.25
HA-0916x/12x-03-1/Z	\$ 97.90	HS-0916x/12x-03-1/Z	\$236.50
HA-0916x/12x-04-1/Z	\$137.50	HS-0916x/12x-04-1/Z	\$335.25
HA-0916x/12x-05-1/Z	\$156.20	HS-0916x/12x-05-1/Z	\$416.90
HA-0916x/12x-06-1/Z	\$191.40	HS-0916x/12x-06-1/Z	\$471.75
HA-0916x/12x-07-1/Z	\$206.80	HS-0916x/12x-07-1/Z	\$548.55

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	\$ 73.70	HS-0920x/16x-02-1/Z	\$187.75
HA-0920x/16x-03-1/Z	\$106.70	HS-0920x/16x-03-1/Z	\$264.50
HA-0920x/16x-04-1/Z	\$140.80	HS-0920x/16x-04-1/Z	\$347.40
HA-0920x/16x-05-1/Z	\$173.80	HS-0920x/16x-05-1/Z	\$447.35
HA-0920x/16x-06-1/Z	\$206.80	HS-0920x/16x-06-1/Z	\$505.90

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	\$102.30	HS-0924x/20x-02-1/Z	\$249.90
HA-0924x/20x-03-1/Z	\$154.00	HS-0924x/20x-03-1/Z	\$351.05
HA-0924x/20x-04-1/Z	\$199.10	HS-0924x/20x-04-1/Z	\$453.45
HA-0924x/20x-05-1/Z	\$218.00	HS-0924x/20x-05-1/Z	\$591.20

* Please Note: Header Bar Manifolds are Non-Returnable

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

Aluminum / 90 Degree		Steel / 90 Degree	
HA-0932x/24x-02-1/Z	\$146.30	HS-0932x/24x-02-1/Z	\$354.75
HA-0932x/24x-03-1/Z	\$216.70	HS-0932x/24x-03-1/Z	\$508.30
HA-0932x/24x-04-1/Z	\$294.80	HS-0932x/24x-04-1/Z	\$666.80

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.



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

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	\$ 45.10	HS-1806x/04x-02-1/Z	\$ 69.50
HA-1806x/04x-03-1/Z	\$ 34.10	HS-1806x/04x-03-1/Z	\$ 69.50
HA-1806x/04x-04-1/Z	\$ 41.80	HS-1806x/04x-04-1/Z	\$ 93.85
HA-1806x/04x-05-1/Z	\$ 73.70	HS-1806x/04x-05-1/Z	\$119.45
HA-1806x/04x-06-1/Z	\$ 59.40	HS-1806x/04x-06-1/Z	\$137.75
HA-1806x/04x-07-1/Z	\$ 93.50	HS-1806x/04x-07-1/Z	\$165.80
HA-1806x/04x-08-1/Z	\$ 91.30	HS-1806x/04x-08-1/Z	\$176.75
HA-1806x/04x-09-1/Z	\$137.50	HS-1806x/04x-09-1/Z	\$214.55
HA-1806x/04x-10-1/Z	\$101.20	HS-1806x/04x-10-1/Z	\$214.55

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	\$ 27.50	HS-1808x/06x-02-1/Z	\$ 67.05
HA-1808x/06x-03-1/Z	\$ 36.30	HS-1808x/06x-03-1/Z	\$ 89.00
HA-1808x/06x-04-1/Z	\$ 44.00	HS-1808x/06x-04-1/Z	\$112.15
HA-1808x/06x-05-1/Z	\$ 73.70	HS-1808x/06x-05-1/Z	\$138.95
HA-1808x/06x-06-1/Z	\$ 62.70	HS-1808x/06x-06-1/Z	\$154.80
HA-1808x/06x-07-1/Z	\$107.80	HS-1808x/06x-07-1/Z	\$181.65
HA-1808x/06x-08-1/Z	\$ 94.60	HS-1808x/06x-08-1/Z	\$197.50
HA-1808x/06x-09-1/Z	\$147.40	HS-1808x/06x-09-1/Z	\$229.15
HA-1808x/06x-10-1/Z	\$110.00	HS-1808x/06x-10-1/Z	\$240.15

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	\$ 48.40	HS-1812x/08x-02-1/Z	\$114.60
HA-1812x/08x-03-1/Z	\$ 72.60	HS-1812x/08x-03-1/Z	\$179.80
HA-1812x/08x-04-1/Z	\$102.30	HS-1812x/08x-04-1/Z	\$251.10
HA-1812x/08x-05-1/Z	\$122.10	HS-1812x/08x-05-1/Z	\$329.15
HA-1812x/08x-06-1/Z	\$146.30	HS-1812x/08x-06-1/Z	\$363.25
HA-1812x/08x-07-1/Z	\$166.10	HS-1812x/08x-07-1/Z	\$425.45
HA-1812x/08x-08-1/Z	\$184.80	HS-1812x/08x-08-1/Z	\$459.65
HA-1812x/08x-09-1/Z	\$198.00	HS-1812x/08x-09-1/Z	\$543.65

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	\$ 64.90	HS-1816x/12x-02-1/Z	\$153.60
HA-1816x/12x-03-1/Z	\$ 97.90	HS-1816x/12x-03-1/Z	\$236.50
HA-1816x/12x-04-1/Z	\$123.20	HS-1816x/12x-04-1/Z	\$357.15
HA-1816x/12x-05-1/Z	\$158.40	HS-1816x/12x-05-1/Z	\$440.05
HA-1816x/12x-06-1/Z	\$204.60	HS-1816x/12x-06-1/Z	\$475.40
HA-1816x/12x-07-1/Z	\$223.30	HS-1816x/12x-07-1/Z	\$585.10

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	\$ 80.30	HS-1820x/16x-02-1/Z	\$173.10
HA-1820x/16x-03-1/Z	\$112.20	HS-1820x/16x-03-1/Z	\$254.75
HA-1820x/16x-04-1/Z	\$144.10	HS-1820x/16x-04-1/Z	\$347.40
HA-1820x/16x-05-1/Z	\$176.00	HS-1820x/16x-05-1/Z	\$458.35
HA-1820x/16x-06-1/Z	\$206.80	HS-1820x/16x-06-1/Z	\$505.90

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	\$ 99.00	HS-1824x/20x-02-1/Z	\$236.50
HA-1824x/20x-03-1/Z	\$143.00	HS-1824x/20x-03-1/Z	\$325.45
HA-1824x/20x-04-1/Z	\$183.70	HS-1824x/20x-04-1/Z	\$453.45
HA-1824x/20x-05-1/Z	\$209.00	HS-1824x/20x-05-1/Z	\$631.45

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

Aluminum / 180 Degree		Steel / 180 Degree	
HA-1832x/24x-02-1/Z	\$143.00	HS-1832x/24x-02-1/Z	\$336.45
HA-1832x/24x-03-1/Z	\$210.10	HS-1832x/24x-03-1/Z	\$482.70
HA-1832x/24x-04-1/Z	\$294.80	HS-1832x/24x-04-1/Z	\$666.80

* 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.

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

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

Aluminum / 90 Degree		Steel / 90 Degree	
JA-09000/04x-02-1/Z	\$ 39.60	JS-09000/04x-02-1/Z	\$ 60.95
JA-09000/04x-03-1/Z	\$ 26.40	JS-09000/04x-03-1/Z	\$ 67.05
JA-09000/04x-04-1/Z	\$ 31.90	JS-09000/04x-04-1/Z	\$ 80.45
JA-09000/04x-05-1/Z	\$ 55.00	JS-09000/04x-05-1/Z	\$102.40
JA-09000/04x-06-1/Z	\$ 45.10	JS-09000/04x-06-1/Z	\$112.15
JA-09000/04x-07-1/Z	\$ 67.10	JS-09000/04x-07-1/Z	\$132.85
JA-09000/04x-08-1/Z	\$ 75.90	JS-09000/04x-08-1/Z	\$141.40
JA-09000/04x-09-1/Z	\$112.20	JS-09000/04x-09-1/Z	\$162.15
JA-09000/04x-10-1/Z	\$ 81.40	JS-09000/04x-10-1/Z	\$170.65

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

Aluminum / 90 Degree		Aluminum / 90 Degree	
JA-09000/06x-02-1/Z	\$ 23.10	JS-09000/06x-02-1/Z	\$ 56.05
JA-09000/06x-03-1/Z	\$ 31.90	JS-09000/06x-03-1/Z	\$ 71.90
JA-09000/06x-04-1/Z	\$ 37.40	JS-09000/06x-04-1/Z	\$ 87.75
JA-09000/06x-05-1/Z	\$ 57.20	JS-09000/06x-05-1/Z	\$110.95
JA-09000/06x-06-1/Z	\$ 66.00	JS-09000/06x-06-1/Z	\$120.70
JA-09000/06x-07-1/Z	\$ 97.90	JS-09000/06x-07-1/Z	\$143.85
JA-09000/06x-08-1/Z	\$ 70.40	JS-09000/06x-08-1/Z	\$153.60
JA-09000/06x-09-1/Z	\$103.40	JS-09000/06x-09-1/Z	\$175.55
JA-09000/06x-10-1/Z	\$ 84.70	JS-09000/06x-10-1/Z	\$185.30

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

Aluminum / 90 Degree		Steel / 90 Degree	
JA-09000/08x-02-1/Z	\$ 27.50	JS-09000/08x-02-1/Z	\$ 63.40
JA-09000/08x-03-1/Z	\$ 36.30	JS-09000/08x-03-1/Z	\$ 87.75
JA-09000/08x-04-1/Z	\$ 44.00	JS-09000/08x-04-1/Z	\$109.70
JA-09000/08x-05-1/Z	\$ 86.90	JS-09000/08x-05-1/Z	\$140.20
JA-09000/08x-06-1/Z	\$ 72.60	JS-09000/08x-06-1/Z	\$152.40
JA-09000/08x-07-1/Z	\$ 99.00	JS-09000/08x-07-1/Z	\$184.05
JA-09000/08x-08-1/Z	\$ 97.90	JS-09000/08x-08-1/Z	\$197.50
JA-09000/08x-09-1/Z	\$118.80	JS-09000/08x-09-1/Z	\$227.95

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

Aluminum / 90 Degree		Aluminum / 90 Degree	
JA-09000/12x-02-1/Z	\$ 47.30	JS-09000/12x-02-1/Z	\$108.35
JA-09000/12x-03-1/Z	\$ 62.70	JS-09000/12x-03-1/Z	\$147.50
JA-09000/12x-04-1/Z	\$ 77.00	JS-09000/12x-04-1/Z	\$186.50
JA-09000/12x-05-1/Z	\$ 97.90	JS-09000/12x-05-1/Z	\$238.90
JA-09000/12x-06-1/Z	\$113.30	JS-09000/12x-06-1/Z	\$262.10
JA-09000/12x-07-1/Z	\$126.50	JS-09000/12x-07-1/Z	\$309.65

1" NPT (#16 SAE) Side Ports

Aluminum / 90 Degree		Steel / 90 Degree	
JA-09000/16x-02-1/Z	\$ 58.30	JS-09000/16x-02-1/Z	\$131.65
JA-09000/16x-03-1/Z	\$ 80.30	JS-09000/16x-03-1/Z	\$182.85
JA-09000/16x-04-1/Z	\$102.30	JS-09000/16x-04-1/Z	\$237.70
JA-09000/16x-05-1/Z	\$123.20	JS-09000/16x-05-1/Z	\$307.20
JA-09000/16x-06-1/Z	\$144.10	JS-09000/16x-06-1/Z	\$337.65

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

Aluminum / 90 Degree		Aluminum / 90 Degree	
JA-09000/20x-02-1/Z	\$ 83.60	JS-09000/20x-02-1/Z	\$181.65
JA-09000/20x-03-1/Z	\$114.40	JS-09000/20x-03-1/Z	\$246.25
JA-09000/20x-04-1/Z	\$145.20	JS-09000/20x-04-1/Z	\$323.05
JA-09000/20x-05-1/Z	\$159.50	JS-09000/20x-05-1/Z	\$396.20

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

Aluminum / 90 Degree		Steel / 90 Degree	
JA-09000/24x-02-1/Z	\$113.30	JS-09000/24x-02-1/Z	\$246.25
JA-09000/24x-03-1/Z	\$160.60	JS-09000/24x-03-1/Z	\$354.75
JA-09000/24x-04-1/Z	\$207.90	JS-09000/24x-04-1/Z	\$459.55

* 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.



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

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

Aluminum / 180 Degree		Steel / 180 Degree	
JA-18000/04x-02-1/Z	\$ 39.60	JS-18000/04x-02-1/Z	\$ 60.95
JA-18000/04x-03-1/Z	\$ 28.60	JS-18000/04x-03-1/Z	\$ 67.05
JA-18000/04x-04-1/Z	\$ 34.10	JS-18000/04x-04-1/Z	\$ 80.45
JA-18000/04x-05-1/Z	\$ 55.00	JS-18000/04x-05-1/Z	\$102.40
JA-18000/04x-06-1/Z	\$ 48.40	JS-18000/04x-06-1/Z	\$112.15
JA-18000/04x-07-1/Z	\$ 67.10	JS-18000/04x-07-1/Z	\$132.85
JA-18000/04x-08-1/Z	\$ 75.90	JS-18000/04x-08-1/Z	\$141.40
JA-18000/04x-09-1/Z	\$112.20	JS-18000/04x-09-1/Z	\$ 162.15
JA-18000/04x-10-1/Z	\$ 81.40	JS-18000/04x-10-1/Z	\$170.65

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

Aluminum / 180 Degree		Steel / 180 Degree	
JA-18000/06x-02-1/Z	\$ 24.20	JS-18000/06x-02-1/Z	\$ 56.05
JA-18000/06x-03-1/Z	\$ 31.90	JS-18000/06x-03-1/Z	\$ 71.90
JA-18000/06x-04-1/Z	\$ 38.50	JS-18000/06x-04-1/Z	\$ 87.75
JA-18000/06x-05-1/Z	\$ 57.20	JS-18000/06x-05-1/Z	\$110.95
JA-18000/06x-06-1/Z	\$ 62.70	JS-18000/06x-06-1/Z	\$120.70
JA-18000/06x-07-1/Z	\$ 97.90	JS-18000/06x-07-1/Z	\$143.85
JA-18000/06x-08-1/Z	\$ 70.40	JS-18000/06x-08-1/Z	\$153.60
JA-18000/06x-09-1/Z	\$103.40	JS-18000/06x-09-1/Z	\$175.55
JA-18000/06x-10-1/Z	\$ 84.70	JS-18000/06x-10-1/Z	\$185.30

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

Aluminum / 180 Degree		Steel / 180 Degree	
JA-18000/08x-02-1/Z	\$ 29.70	JS-18000/08x-02-1/Z	\$ 64.60
JA-18000/08x-03-1/Z	\$ 37.40	JS-18000/08x-03-1/Z	\$ 87.75
JA-18000/08x-04-1/Z	\$ 48.40	JS-18000/08x-04-1/Z	\$109.70
JA-18000/08x-05-1/Z	\$102.30	JS-18000/08x-05-1/Z	\$140.20
JA-18000/08x-06-1/Z	\$ 72.60	JS-18000/08x-06-1/Z	\$152.40
JA-18000/08x-07-1/Z	\$ 99.00	JS-18000/08x-07-1/Z	\$184.05
JA-18000/08x-08-1/Z	\$ 97.90	JS-18000/08x-08-1/Z	\$197.50
JA-18000/08x-09-1/Z	\$118.80	JS-18000/08x-09-1/Z	\$226.75

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

Aluminum / 180 Degree		Steel / 180 Degree	
JA-18000/12x-02-1/Z	\$ 46.20	JS-18000/12x-02-1/Z	\$107.25
JA-18000/12x-03-1/Z	\$ 66.00	JS-18000/12x-03-1/Z	\$147.50
JA-18000/12x-04-1/Z	\$ 82.50	JS-18000/12x-04-1/Z	\$186.50
JA-18000/12x-05-1/Z	\$ 97.90	JS-18000/12x-05-1/Z	\$242.60
JA-18000/12x-06-1/Z	\$115.50	JS-18000/12x-06-1/Z	\$266.95
JA-18000/12x-07-1/Z	\$126.50	JS-18000/12x-07-1/Z	\$316.95

1" NPT (#16 SAE) Side Ports

Aluminum / 180 Degree		Steel / 180 Degree	
JA-18000/16x-02-1/Z	\$ 58.30	JS-18000/16x-02-1/Z	\$134.10
JA-18000/16x-03-1/Z	\$ 84.70	JS-18000/16x-03-1/Z	\$187.75
JA-18000/16x-04-1/Z	\$107.80	JS-18000/16x-04-1/Z	\$237.70
JA-18000/16x-05-1/Z	\$123.20	JS-18000/16x-05-1/Z	\$307.20
JA-18000/16x-06-1/Z	\$151.80	JS-18000/16x-06-1/Z	\$337.65

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

Aluminum / 180 Degree		Steel / 180 Degree	
JA-18000/20x-02-1/Z	\$ 83.60	JS-18000/20x-02-1/Z	\$181.65
JA-18000/20x-03-1/Z	\$114.40	JS-18000/20x-03-1/Z	\$251.10
JA-18000/20x-04-1/Z	\$145.20	JS-18000/20x-04-1/Z	\$323.05
JA-18000/20x-05-1/Z	\$159.50	JS-18000/20x-05-1/Z	\$387.65

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

Aluminum / 180 Degree		Steel / 180 Degree	
JA-18000/24x-02-1/Z	\$113.30	JS-18000/24x-02-1/Z	\$246.25
JA-18000/24x-03-1/Z	\$160.60	JS-18000/24x-03-1/Z	\$354.75
JA-18000/24x-04-1/Z	\$207.90	JS-18000/24x-04-1/Z	\$459.55

* 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.

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

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

Aluminum / 270 Degree		Steel / 270 Degree	
JA-27000/04x-02-1/Z	\$ 45.10	JS-27000/04x-02-1/Z	\$ 69.50
JA-27000/04x-03-1/Z	\$ 35.20	JS-27000/04x-03-1/Z	\$ 80.45
JA-27000/04x-04-1/Z	\$ 44.00	JS-27000/04x-04-1/Z	\$ 98.75
JA-27000/04x-05-1/Z	\$ 63.80	JS-27000/04x-05-1/Z	\$128.00
JA-27000/04x-06-1/Z	\$ 60.50	JS-27000/04x-06-1/Z	\$140.20
JA-27000/04x-07-1/Z	\$ 80.30	JS-27000/04x-07-1/Z	\$167.00
JA-27000/04x-08-1/Z	\$101.20	JS-27000/04x-08-1/Z	\$179.20
JA-27000/04x-09-1/Z	\$145.20	JS-27000/04x-09-1/Z	\$204.80
JA-27000/04x-10-1/Z	\$110.00	JS-27000/04x-10-1/Z	\$215.75

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

Aluminum / 270 Degree		Steel / 270 Degree	
JA-27000/06x-02-1/Z	\$ 29.70	JS-27000/06x-02-1/Z	\$ 65.85
JA-27000/06x-03-1/Z	\$ 38.50	JS-27000/06x-03-1/Z	\$ 85.35
JA-27000/06x-04-1/Z	\$ 46.20	JS-27000/06x-04-1/Z	\$107.25
JA-27000/06x-05-1/Z	\$ 66.00	JS-27000/06x-05-1/Z	\$137.75
JA-27000/06x-06-1/Z	\$ 81.40	JS-27000/06x-06-1/Z	\$149.95
JA-27000/06x-07-1/Z	\$121.00	JS-27000/06x-07-1/Z	\$181.65
JA-27000/06x-08-1/Z	\$ 92.40	JS-27000/06x-08-1/Z	\$195.05
JA-27000/06x-09-1/Z	\$130.90	JS-27000/06x-09-1/Z	\$221.85
JA-27000/06x-10-1/Z	\$113.30	JS-27000/06x-10-1/Z	\$232.85

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

Aluminum / 270 Degree		Steel / 270 Degree	
JA-27000/08x-02-1/Z	\$ 34.10	JS-27000/08x-02-1/Z	\$ 76.80
JA-27000/08x-03-1/Z	\$ 45.10	JS-27000/08x-03-1/Z	\$ 96.30
JA-27000/08x-04-1/Z	\$ 56.10	JS-27000/08x-04-1/Z	\$131.65
JA-27000/08x-05-1/Z	\$106.70	JS-27000/08x-05-1/Z	\$168.20
JA-27000/08x-06-1/Z	\$ 90.20	JS-27000/08x-06-1/Z	\$184.05
JA-27000/08x-07-1/Z	\$119.90	JS-27000/08x-07-1/Z	\$220.65
JA-27000/08x-08-1/Z	\$117.70	JS-27000/08x-08-1/Z	\$236.50
JA-27000/08x-09-1/Z	\$147.40	JS-27000/08x-09-1/Z	\$274.30

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

Aluminum / 270 Degree		Steel / 270 Degree	
JA-27000/12x-02-1/Z	\$ 55.00	JS-27000/12x-02-1/Z	\$119.45
JA-27000/12x-03-1/Z	\$ 74.80	JS-27000/12x-03-1/Z	\$164.55
JA-27000/12x-04-1/Z	\$ 95.70	JS-27000/12x-04-1/Z	\$212.10
JA-27000/12x-05-1/Z	\$117.70	JS-27000/12x-05-1/Z	\$275.50
JA-27000/12x-06-1/Z	\$135.30	JS-27000/12x-06-1/Z	\$303.55
JA-27000/12x-07-1/Z	\$151.80	JS-27000/12x-07-1/Z	\$365.70

1" NPT (#16 SAE) Side Ports

Aluminum / 270 Degree		Steel / 270 Degree	
JA-27000/16x-02-1/Z	\$ 64.90	JS-27000/16x-02-1/Z	\$149.95
JA-27000/16x-03-1/Z	\$ 94.60	JS-27000/16x-03-1/Z	\$208.45
JA-27000/16x-04-1/Z	\$118.50	JS-27000/16x-04-1/Z	\$264.50
JA-27000/16x-05-1/Z	\$143.00	JS-27000/16x-05-1/Z	\$353.50
JA-27000/16x-06-1/Z	\$172.70	JS-27000/16x-06-1/Z	\$392.50

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

Aluminum / 270 Degree		Steel / 270 Degree	
JA-27000/20x-02-1/Z	\$ 90.20	JS-27000/20x-02-1/Z	\$198.70
JA-27000/20x-03-1/Z	\$125.40	JS-27000/20x-03-1/Z	\$275.70
JA-27000/20x-04-1/Z	\$160.60	JS-27000/20x-04-1/Z	\$353.50
JA-27000/20x-05-1/Z	\$178.20	JS-27000/20x-05-1/Z	\$426.65

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

Aluminum / 270 Degree		Steel / 270 Degree	
JA-27000/24x-02-1/Z	\$124.30	JS-27000/24x-02-1/Z	\$270.60
JA-27000/24x-03-1/Z	\$173.80	JS-27000/24x-03-1/Z	\$337.65
JA-27000/24x-04-1/Z	\$224.40	JS-27000/24x-04-1/Z	\$494.90

* 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.

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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.



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Complete line of In-line 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.

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

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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.



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



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Pressure Sensing switch capable of sensing up to three (3) separate pressures. Each sensor is externally independently adjustable from 200 to 4000 psi. Viton seals provide wide fluid compatibility range.