



LIST PRICES
 Effective May 1, 2011
 Subject to change
 upon notice
 Rev85/26/11

**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 | \$59.70 |
| BM-ASP03X2-02-1/Z | \$74.70 |
| BM-ASP03X2-03-1/Z | \$98.00 |
| BM-ASP03X2-04-1/Z | \$125.80 |
| BM-ASP03X2-05-1/Z | \$147.60 |
| BM-ASP03X2-06-1/Z | \$172.40 |
| BM-ASP03X2-07-1/Z | \$194.10 |
| BM-ASP03X2-08-1/Z | \$219.00 |
| BM-ASP03X2-09-1/Z | \$267.80 |
| BM-ASP03X2-10-1/Z | \$294.10 |

STEEL (2.00" Valve Spacing)

| Part Number | Price |
|-------------------|----------|
| BM-SSP03X2-01-1/Z | \$111.20 |
| BM-SSP03X2-02-1/Z | \$173.10 |
| BM-SSP03X2-03-1/Z | \$237.20 |
| BM-SSP03X2-04-1/Z | \$291.50 |
| BM-SSP03X2-05-1/Z | \$347.70 |
| BM-SSP03X2-06-1/Z | \$394.70 |
| BM-SSP03X2-07-1/Z | \$445.50 |
| BM-SSP03X2-08-1/Z | \$498.20 |
| BM-SSP03X2-09-1/Z | \$552.70 |
| BM-SSP03X2-10-1/Z | \$609.10 |

NOTE: X = Thread Type.
See Model Number Breakdown on Catalog page 40 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

- \$19.20 per cavity
- \$59.50 per manifold
- No Charge
- \$19.20 per cavity
- \$47.70 per plug
- \$33.40

STEEL

- \$27.90 per cavity
- \$67.10 per manifold
- No Charge
- \$27.90 per cavity
- \$56.50 per plug
- \$42.20

ACCESSORIES (Ordered Separately)

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

\$31.50 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 | \$86.50 |
| BM-ASS03X2-03-0/Z | \$121.60 |
| BM-ASS03X2-04-0/Z | \$154.20 |
| BM-ASS03X2-05-0/Z | \$186.80 |

STEEL (2.00" Valve Spacing)

| Part Number | Price |
|-------------------|----------|
| BM-SSS03X2-02-0/Z | \$182.40 |
| BM-SSS03X2-03-0/Z | \$247.50 |
| BM-SSS03X2-04-0/Z | \$289.90 |
| BM-SSS03X2-05-0/Z | \$318.20 |

NOTE: X = Thread Type.
See Model Number Breakdown on Catalog page 42 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

- \$19.20 per cavity
- \$59.50 per manifold
- No Charge
- \$47.70 per plug
- \$33.40

STEEL

- \$27.50 per cavity
- \$67.10 per manifold
- No Charge
- \$56.50 per plug
- \$42.20

ACCESSORIES (Ordered Separately)

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

\$31.50 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 | \$60.70 |
| BMR-ASP03X2-02-1/Z | \$80.50 |
| BMR-ASP03X2-03-1/Z | \$105.60 |
| BMR-ASP03X2-04-1/Z | \$132.10 |
| BMR-ASP03X2-05-1/Z | \$157.10 |
| BMR-ASP03X2-06-1/Z | \$182.20 |
| BMR-ASP03X2-07-1/Z | \$205.90 |
| BMR-ASP03X2-08-1/Z | \$228.40 |
| BMR-ASP03X2-09-1/Z | \$273.20 |
| BMR-ASP03X2-10-1/Z | \$301.00 |
| BMR-ASP03X2-11-1/Z | \$323.40 |
| BMR-ASP03X2-12-1/Z | \$351.10 |
| BMR-ASP03X2-13-1/Z | \$386.80 |
| BMR-ASP03X2-14-1/Z | \$415.80 |

STEEL (2.13" Valve Spacing)

| Part Number | Price |
|--------------------|------------|
| BMR-SSP03X2-01-1/Z | \$120.90 |
| BMR-SSP03X2-02-1/Z | \$182.90 |
| BMR-SSP03X2-03-1/Z | \$252.90 |
| BMR-SSP03X2-04-1/Z | \$299.40 |
| BMR-SSP03X2-05-1/Z | \$382.30 |
| BMR-SSP03X2-06-1/Z | \$438.10 |
| BMR-SSP03X2-07-1/Z | \$500.00 |
| BMR-SSP03X2-08-1/Z | \$601.80 |
| BMR-SSP03X2-09-1/Z | \$743.40 |
| BMR-SSP03X2-10-1/Z | \$836.30 |
| BMR-SSP03X2-11-1/Z | \$1,010.50 |
| BMR-SSP03X2-12-1/Z | \$1,100.30 |
| BMR-SSP03X2-13-1/Z | \$1,162.00 |
| BMR-SSP03X2-14-1/Z | \$1,250.80 |

ALUMINUM (4.00" Valve Spacing)

| Part Number | Price |
|--------------------|----------|
| BMR-ASP03X4-02-1/Z | \$92.40 |
| BMR-ASP03X4-03-1/Z | \$133.30 |
| BMR-ASP03X4-04-1/Z | \$171.60 |
| BMR-ASP03X4-05-1/Z | \$220.40 |
| BMR-ASP03X4-06-1/Z | \$269.30 |
| BMR-ASP03X4-07-1/Z | \$302.30 |
| BMR-ASP03X4-08-1/Z | \$376.20 |

STEEL (4.00" Valve Spacing)

| Part Number | Price |
|--------------------|----------|
| BMR-SSP03X4-02-1/Z | \$227.20 |
| BMR-SSP03X4-03-1/Z | \$346.60 |
| BMR-SSP03X4-04-1/Z | \$423.30 |
| BMR-SSP03X4-05-1/Z | \$541.30 |
| BMR-SSP03X4-06-1/Z | \$644.60 |
| BMR-SSP03X4-07-1/Z | \$823.00 |
| BMR-SSP03X4-08-1/Z | \$936.60 |

NOTE: X = Thread Type. See Model Number Breakdown on Catalog page 44 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

| | |
|---------|--------------|
| \$26.40 | per cavity |
| \$50.20 | per manifold |
| \$15.80 | |
| \$26.40 | per cavity |
| \$29.00 | per plug |
| \$35.20 | |

STEEL

| | |
|---------|--------------|
| \$38.40 | per cavity |
| \$67.80 | per manifold |
| \$23.60 | |
| \$38.40 | per cavity |
| \$41.30 | per plug |
| \$44.00 | |



D03 High Flow Retro Bar Manifolds

PARALLEL

ALUMINUM (2.13" Valve Spacing)

| Part Number | Price |
|--------------------|----------|
| BMR-AHP03X2-01-1/Z | \$150.50 |
| BMR-AHP03X2-02-1/Z | \$174.20 |
| BMR-AHP03X2-03-1/Z | \$217.80 |
| BMR-AHP03X2-04-1/Z | \$272.00 |
| BMR-AHP03X2-05-1/Z | \$314.20 |
| BMR-AHP03X2-06-1/Z | \$361.70 |
| BMR-AHP03X2-07-1/Z | \$409.20 |
| BMR-AHP03X2-08-1/Z | \$459.40 |
| BMR-AHP03X2-09-1/Z | \$529.30 |
| BMR-AHP03X2-10-1/Z | \$636.20 |
| BMR-AHP03X2-11-1/Z | \$685.10 |
| BMR-AHP03X2-12-1/Z | \$745.80 |

STEEL (2.13" Valve Spacing)

| Part Number | Price |
|--------------------|------------|
| BMR-SHP03X2-01-1/Z | \$253.70 |
| BMR-SHP03X2-02-1/Z | \$376.10 |
| BMR-SHP03X2-03-1/Z | \$476.40 |
| BMR-SHP03X2-04-1/Z | \$551.60 |
| BMR-SHP03X2-05-1/Z | \$690.30 |
| BMR-SHP03X2-06-1/Z | \$756.50 |
| BMR-SHP03X2-07-1/Z | \$896.80 |
| BMR-SHP03X2-08-1/Z | \$1,072.30 |
| BMR-SHP03X2-09-1/Z | \$1,323.10 |
| BMR-SHP03X2-10-1/Z | \$1,482.40 |
| BMR-SHP03X2-11-1/Z | \$1,601.90 |
| BMR-SHP03X2-12-1/Z | \$1,718.60 |

ALUMINUM (4.00" Valve Spacing)

| Part Number | Price |
|--------------------|----------|
| BMR-AHP03X4-02-1/Z | \$232.30 |
| BMR-AHP03X4-03-1/Z | \$318.10 |
| BMR-AHP03X4-04-1/Z | \$364.30 |
| BMR-AHP03X4-05-1/Z | \$438.20 |
| BMR-AHP03X4-06-1/Z | \$558.40 |
| BMR-AHP03X4-07-1/Z | \$567.60 |
| BMR-AHP03X4-08-1/Z | \$700.90 |

STEEL (4.00" Valve Spacing)

| Part Number | Price |
|--------------------|------------|
| BMR-SHP03X4-02-1/Z | \$414.50 |
| BMR-SHP03X4-03-1/Z | \$904.10 |
| BMR-SHP03X4-04-1/Z | \$715.40 |
| BMR-SHP03X4-05-1/Z | \$888.90 |
| BMR-SHP03X4-06-1/Z | \$1,060.50 |
| BMR-SHP03X4-07-1/Z | \$1,342.30 |
| BMR-SHP03X4-08-1/Z | \$1,519.20 |

NOTE: X = Thread Type. See Model Number Breakdown on Catalog page 46 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 |
|-------|----------------------|----------------------|
| | \$39.60 per cavity | \$57.50 per cavity |
| | \$50.20 per manifold | \$67.80 per manifold |
| | \$15.80 | \$23.60 |
| | \$39.60 per cavity | \$57.50 per cavity |
| | \$29.00 per plug | \$41.30 per plug |
| | \$35.20 | \$44.00 |

D05 Bar Manifolds - PARALLEL



PARALLEL

ALUMINUM (3.25" Valve Spacing)

| Part Number | Price |
|-------------------|----------|
| BM-ASP05X3-01-1/Z | \$74.60 |
| BM-ASP05X3-02-1/Z | \$116.50 |
| BM-ASP05X3-03-1/Z | \$158.30 |
| BM-ASP05X3-04-1/Z | \$202.00 |
| BM-ASP05X3-05-1/Z | \$243.80 |
| BM-ASP05X3-06-1/Z | \$285.20 |
| BM-ASP05X3-07-1/Z | \$327.10 |
| BM-ASP05X3-08-1/Z | \$413.70 |

STEEL (3.25" Valve Spacing)

| Part Number | Price |
|-------------------|----------|
| BM-SSP05X3-01-1/Z | \$187.20 |
| BM-SSP05X3-02-1/Z | \$265.00 |
| BM-SSP05X3-03-1/Z | \$326.70 |
| BM-SSP05X3-04-1/Z | \$404.80 |
| BM-SSP05X3-05-1/Z | \$493.10 |
| BM-SSP05X3-06-1/Z | \$605.90 |

NOTE: X = Thread Type. See Model Number Breakdown on Catalog page 48 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 | \$133.60 |
| BM-ASP05X5-03-1/Z | \$190.60 |
| BM-ASP05X5-04-1/Z | \$243.00 |
| BM-ASP05X5-05-1/Z | \$296.10 |
| BM-ASP05X5-06-1/Z | \$348.40 |

STEEL (5.00" Valve Spacing)

| Part Number | Price |
|-------------------|----------|
| BM-SSP05X5-02-1/Z | \$302.40 |
| BM-SSP05X5-03-1/Z | \$408.30 |
| BM-SSP05X5-04-1/Z | \$540.60 |
| BM-SSP05X5-05-1/Z | \$660.20 |
| BM-SSP05X5-06-1/Z | \$770.30 |

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 |
|-------|----------------------|----------------------|
| | \$19.20 per cavity | \$27.90 per cavity |
| | \$59.50 per manifold | \$67.10 per manifold |
| | No Charge | No Charge |
| | No Charge | No Charge |
| | \$19.20 per cavity | \$27.90 per cavity |
| | \$51.40 per plug | \$59.40 per plug |
| | \$57.70 per plug | \$67.90 per plug |
| | \$33.40 | \$42.20 |

ACCESSORIES (Ordered Separately)

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

\$33.10 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 | \$193.50 |
| BM-ASS05X3-03-1/Z | \$309.50 |
| BM-ASS05X3-04-1/Z | \$431.60 |

STEEL (3.25" Valve Spacing)

| Part Number | Price |
|-------------------|----------|
| BM-SSS05X3-02-1/Z | \$433.10 |
| BM-SSS05X3-03-1/Z | \$515.80 |
| BM-SSS05X3-04-1/Z | \$683.20 |

ALUMINUM (5.00" Valve Spacing)

| Part Number | Price |
|-------------------|----------|
| BM-ASS05X5-02-1/Z | \$204.70 |
| BM-ASS05X5-03-1/Z | \$329.00 |
| BM-ASS05X5-04-1/Z | \$446.20 |

STEEL (5.00" Valve Spacing)

| Part Number | Price |
|-------------------|----------|
| BM-SSS05X5-02-1/Z | \$559.30 |
| BM-SSS05X5-03-1/Z | \$691.30 |
| BM-SSS05X5-04-1/Z | \$826.40 |

D05E & D05H High Flow Bar Manifolds



D05E Alt. A

ALUMINUM (3.25" Valve Spacing)

| Part Number | Price |
|-------------------|----------|
| BM-AHP5EX3-01-1/Z | \$137.80 |
| BM-AHP5EX3-02-1/Z | \$213.80 |
| BM-AHP5EX3-03-1/Z | \$312.80 |
| BM-AHP5EX3-04-1/Z | \$393.90 |
| BM-AHP5EX3-05-1/Z | \$471.40 |
| BM-AHP5EX3-06-1/Z | \$553.90 |
| BM-AHP5EX3-07-1/Z | \$644.80 |

STEEL (3.25" Valve Spacing)

| Part Number | Price |
|-------------------|------------|
| BM-SHP5EX3-01-1/Z | \$282.90 |
| BM-SHP5EX3-02-1/Z | \$440.60 |
| BM-SHP5EX3-03-1/Z | \$650.60 |
| BM-SHP5EX3-04-1/Z | \$819.70 |
| BM-SHP5EX3-05-1/Z | \$980.80 |
| BM-SHP5EX3-06-1/Z | \$1,153.20 |
| BM-SHP5EX3-07-1/Z | \$1,344.80 |

ALUMINUM (5.00" Valve Spacing)

| Part Number | Price |
|-------------------|----------|
| BM-AHP5EX5-02-1/Z | \$246.10 |
| BM-AHP5EX5-03-1/Z | \$351.20 |
| BM-AHP5EX5-04-1/Z | \$472.60 |
| BM-AHP5EX5-05-1/Z | \$573.20 |
| BM-AHP5EX5-06-1/Z | \$697.60 |
| BM-AHP5EX5-07-1/Z | \$846.50 |

STEEL (3.25" Valve Spacing)

| Part Number | Price |
|-------------------|------------|
| BM-SHP5EX5-02-1/Z | \$513.90 |
| BM-SHP5EX5-03-1/Z | \$769.80 |
| BM-SHP5EX5-04-1/Z | \$998.60 |
| BM-SHP5EX5-05-1/Z | \$1,212.30 |
| BM-SHP5EX5-06-1/Z | \$1,479.90 |
| BM-SHP5EX5-07-1/Z | \$1,752.70 |

D05H Alt. B

ALUMINUM (3.25" Valve Spacing)

| Part Number | Price |
|-------------------|----------|
| BM-AHP5HX3-01-1/Z | \$137.80 |
| BM-AHP5HX3-02-1/Z | \$213.80 |
| BM-AHP5HX3-03-1/Z | \$312.80 |
| BM-AHP5HX3-04-1/Z | \$393.90 |
| BM-AHP5HX3-05-1/Z | \$471.40 |
| BM-AHP5HX3-06-1/Z | \$553.90 |
| BM-AHP5HX3-07-1/Z | \$644.80 |

STEEL (3.25" Valve Spacing)

| Part Number | Price |
|-------------------|------------|
| BM-SHP5HX3-01-1/Z | \$282.90 |
| BM-SHP5HX3-02-1/Z | \$440.60 |
| BM-SHP5HX3-03-1/Z | \$650.60 |
| BM-SHP5HX3-04-1/Z | \$819.70 |
| BM-SHP5HX3-05-1/Z | \$980.80 |
| BM-SHP5HX3-06-1/Z | \$1,153.20 |
| BM-SHP5HX3-07-1/Z | \$1,344.80 |

ALUMINUM (5.00" Valve Spacing)

| Part Number | Price |
|-------------------|----------|
| BM-AHP5HX5-02-1/Z | \$246.10 |
| BM-AHP5HX5-03-1/Z | \$351.20 |
| BM-AHP5HX5-04-1/Z | \$472.60 |
| BM-AHP5HX5-05-1/Z | \$573.20 |
| BM-AHP5HX5-06-1/Z | \$697.60 |
| BM-AHP5HX5-07-1/Z | \$846.50 |

STEEL (5.00" Valve Spacing)

| Part Number | Price |
|-------------------|------------|
| BM-SHP5HX5-02-1/Z | \$513.90 |
| BM-SHP5HX5-03-1/Z | \$769.80 |
| BM-SHP5HX5-04-1/Z | \$998.60 |
| BM-SHP5HX5-05-1/Z | \$1,212.30 |
| BM-SHP5HX5-06-1/Z | \$1,479.90 |
| BM-SHP5HX5-07-1/Z | \$1,752.70 |

NOTE: X = Thread Type. See Model Number Breakdown on Catalog page 54 or 56 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 | \$384.70 |
| BMR-AHP08X5-02-1/Z | \$596.30 |
| BMR-AHP08X5-03-1/Z | \$822.30 |
| BMR-AHP08X5-04-1/Z | \$1,124.00 |
| BMR-AHP08X5-05-1/Z | \$1,372.80 |
| BMR-AHP08X5-06-1/Z | \$1,600.20 |

STEEL (5.25" Valve Spacing)

| Part Number | Price |
|--------------------|------------|
| BMR-SHP08X5-01-1/Z | \$611.70 |
| BMR-SHP08X5-02-1/Z | \$1,031.50 |
| BMR-SHP08X5-03-1/Z | \$1,448.40 |
| BMR-SHP08X5-04-1/Z | \$1,863.60 |
| BMR-SHP08X5-05-1/Z | \$2,251.90 |
| BMR-SHP08X5-06-1/Z | \$2,641.70 |

NOTE: X = Thread Type.
See Model Number Breakdown on Catalog page 60 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 | \$689.30 |
| BMR-AHP08X7-03-1/Z | \$985.30 |
| BMR-AHP08X7-04-1/Z | \$1,362.80 |
| BMR-AHP08X7-05-1/Z | \$1,644.50 |

STEEL (7.00" Valve Spacing)

| Part Number | Price |
|--------------------|------------|
| BMR-SHP08X7-02-1/Z | \$1,240.90 |
| BMR-SHP08X7-03-1/Z | \$1,809.70 |
| BMR-SHP08X7-04-1/Z | \$2,340.60 |
| BMR-SHP08X7-05-1/Z | \$2,885.70 |

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 |
|-------|-----------------------|-----------------------|
| | \$58.70 per cavity | \$82.40 per cavity |
| | \$100.10 per manifold | \$139.40 per manifold |
| | \$32.90 | \$49.10 |
| | \$32.90 per station | \$49.10 per station |
| | \$58.60 per cavity | \$82.40 per cavity |
| | \$64.40 per plug | \$95.80 per plug |
| | \$38.20 | \$47.30 |

D08 Bar Manifolds - SERIES

PARALLEL

ALUMINUM (7.00" Valve Spacing)

| Part Number | Price |
|-------------------|------------|
| BM-ASS08X7-02-0/Z | \$657.30 |
| BM-ASS08X7-03-0/Z | \$967.90 |
| BM-ASS08X7-04-0/Z | \$1,252.50 |

STEEL (7.00" Valve Spacing)

| Part Number | Price |
|-------------------|------------|
| BM-SSS08X7-02-0/Z | \$1,330.60 |
| BM-SSS08X7-03-0/Z | \$1,941.90 |
| BM-SSS08X7-04-0/Z | \$2,589.20 |

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 |
| | \$9.50 per manifold | \$10.70 per manifold |
| | \$34.00 | \$43.00 |

ACCESSORIES (Ordered Separately)

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

\$33.60 each (mounting holes are standard)
No Charge when requested (mounting are standard)

NOTE: X = Thread Type. See Model Number Breakdown on Catalog page 62 for the appropriate code.
Manifolds with more stations than listed are available, Consult Magnaloy for price and availability.



Integrated Circuit Bar Manifolds

D05 TANK LINE FEED CONTROL MANIFOLD

| Part Number | Price |
|-------------|----------|
| IC-A05S11-0 | \$231.00 |
| IC-S05S11-0 | \$519.30 |
| IC-A05P11-0 | \$231.00 |
| IC-S05P11-0 | \$519.30 |

D05 SOLENOID ACTIVATED REGENERATION MODULE

| Part Number | Price |
|-------------|----------|
| IC-A05S31-0 | \$231.00 |
| IC-S05S31-0 | \$621.70 |
| IC-A05P31-0 | \$231.00 |
| IC-S05P31-0 | \$621.70 |

D05 FEED CONTROL - CYLINDER PORT METER OUT

| Part Number | Price |
|-------------|----------|
| IC-A05S41-0 | \$231.00 |
| IC-S05S41-0 | \$621.70 |
| IC-A05P41-0 | \$231.00 |
| IC-S05P41-0 | \$621.70 |

D05 FEED CONTROL - CYLINDER PORT METER IN

| Part Number | Price |
|-------------|----------|
| IC-A05S42-0 | \$231.00 |
| IC-S05S42-0 | \$621.70 |
| IC-A05P42-0 | \$231.00 |
| IC-S05P42-0 | \$621.70 |

D08 HI-LO PRESSURE OPERATED UNLOADING MANIFOLD

| Part Number | Price |
|-------------|------------|
| IC-A08S21-0 | \$1,108.80 |
| IC-S08S21-0 | \$2,194.20 |
| IC-A08P21-0 | \$1,108.80 |
| IC-S08P21-0 | \$2,194.20 |

OPTIONS
-B, T, or M

Thread Option

PRICE ALUMINUM
\$34.00

STEEL
\$43.00

MOUNTING BRACKET KIT FOR D08 IC UNLOADING MANIFOLD

| Part Number | Price |
|-------------|---------|
| BK-IC08 | \$34.80 |

D03 SUBPLATES SUPER SAVER SUBPLATE All 4 Sides Ported

| Part Number | Price |
|---------------|---------|
| SP-A03X4-1/PZ | \$33.80 |
| SP-A03X6-1/PZ | \$33.80 |
| SP-S03X4-1/PZ | \$50.30 |
| SP-S03X6-1/PZ | \$50.30 |

NOTE: X = Thread Type.
See Model Number Breakdown
on Catalog page 69 for the
appropriate code.

All 4 Ports on Bottom

| Part Number | Price |
|---------------|---------|
| SP-A03X4-1/DZ | \$30.70 |
| SP-A03X6-1/DZ | \$30.70 |
| SP-S03X4-1/DZ | \$45.80 |
| SP-S03X6-1/DZ | \$45.80 |

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

| Part Number | Price |
|--------------|---------|
| SP-A03X6-1/Z | \$51.60 |
| SP-A03X8-1/Z | \$51.60 |
| SP-S03X6-1/Z | \$66.60 |
| SP-S03X8-1/Z | \$66.60 |

NOTE: X = Thread Type.
See Model Number Breakdown
on Catalog page 73 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 | \$68.10 |
| SP-A03X8-1/C | \$68.10 |
| SP-S03X6-1/C | \$89.60 |
| SP-S03X8-1/C | \$89.60 |

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

| Part Number | Price |
|---------------|---------|
| SP-A03X6-1/BZ | \$55.40 |
| SP-A03X8-1/BZ | \$55.40 |
| SP-S03X6-1/BZ | \$73.80 |
| SP-S03X8-1/BZ | \$73.80 |

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 | \$72.00 |
| SP-A03X8-1/BC | \$72.00 |
| SP-S03X6-1/BC | \$96.80 |
| SP-S03X8-1/BC | \$96.80 |

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 | \$68.10 |
| SP-A03X8-1/S | \$68.10 |
| SP-S03X6-1/S | \$89.60 |
| SP-S03X8-1/S | \$89.60 |

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 | \$72.00 |
| SP-A03X8-1/BS | \$72.00 |
| SP-S03X6-1/BS | \$96.80 |
| SP-S03X8-1/BS | \$96.80 |

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 |
| | \$34.00 | \$43.00 |

D05 SUBPLATES SUPER SAVER SUBPLATE All 4 Sides Ported

| Part Number | Price |
|---------------|---------|
| SP-A05X6-1/PZ | \$51.20 |
| SP-A05X8-1/PZ | \$51.20 |
| SP-S05X6-1/PZ | \$79.40 |
| SP-S05X8-1/PZ | \$79.40 |

NOTE: X = Thread Type.
See Model Number Breakdown
on Catalog page 71 for the
appropriate code.

All 4 Ports on Bottom

| Part Number | Price |
|---------------|---------|
| SP-A05X6-1/DZ | \$47.70 |
| SP-A05X8-1/DZ | \$47.70 |
| SP-S05X6-1/DZ | \$67.10 |
| SP-S05X8-1/DZ | \$67.10 |

D05 SUBPLATES (Continued)

STANDARD SIDE PORTED SUBPLATE

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

| Part Number | Price |
|--------------|---------|
| SP-A05X6-1/Z | \$59.10 |
| SP-A05X8-1/Z | \$59.10 |
| SP-S05X6-1/Z | \$76.20 |
| SP-S05X8-1/Z | \$76.20 |

NOTE: X = Thread Type.
See Model Number Breakdown
on Catalog page 74 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 | \$78.20 |
| SP-A05X8-1/C | \$78.20 |
| SP-S05X6-1/C | \$104.70 |
| SP-S05X8-1/C | \$104.70 |

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

| Part Number | Price |
|---------------|---------|
| SP-A05X6-1/BZ | \$65.50 |
| SP-A05X8-1/BZ | \$65.50 |
| SP-S05X6-1/BZ | \$87.70 |
| SP-S05X8-1/BZ | \$87.70 |

*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 | \$84.60 |
| SP-A05X8-1/BC | \$84.60 |
| SP-S05X6-1/BC | \$116.20 |
| SP-S05X8-1/BC | \$116.20 |

*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 | \$78.20 |
| SP-A05X8-1/S | \$78.20 |
| SP-S05X6-1/S | \$104.70 |
| SP-S05X8-1/S | \$104.70 |

*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 | \$84.60 |
| SP-A05X8-1/BS | \$84.60 |
| SP-S05X6-1/BS | \$116.20 |
| SP-S05X8-1/BS | \$116.20 |

OPTIONS

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

| PRICE | ALUMINUM | STEEL |
|-------|-----------|-----------|
| | No Charge | No Charge |
| | \$34.00 | \$43.00 |

HIGH FLOW SIDE PORTED SUBPLATES

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

| Part Number | Price |
|----------------|----------|
| SP-AH05X12-1/Z | \$60.00 |
| SP-SH05X12-1/Z | \$100.70 |

NOTE: X = Thread Type.
See Model Number Breakdown
on Catalog page 75 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 | \$79.10 |
| SP-SH05X12-1/C | \$129.20 |

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

| Part Number | Price |
|-----------------|----------|
| SP-AH05X12-1/BZ | \$67.60 |
| SP-SH05X12-1/BZ | \$110.70 |

*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 | \$86.80 |
| SP-SH05X12-1/BC | \$139.20 |

*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 | \$79.10 |
| SP-SH05X12-1/S | \$129.20 |

*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 | \$86.80 |
| SP-SH05X12-1/BS | \$139.20 |

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 |
| | \$34.00 | \$43.00 |

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 | \$105.40 |
| SP-A08X16-1/Z | \$105.40 |
| SP-S08X12-1/Z | \$140.20 |
| SP-S08X16-1/Z | \$140.20 |

NOTE: X = Thread Type.
See Model Number Breakdown
on Catalog page 76 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 | \$133.50 |
| SP-A08X16-1/C | \$133.50 |
| SP-S08X12-1/C | \$183.40 |
| SP-S08X16-1/C | \$183.40 |

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

| Part Number | Price |
|----------------|----------|
| SP-A08X12-1/BZ | \$114.80 |
| SP-A08X16-1/BZ | \$114.80 |
| SP-S08X12-1/BZ | \$150.90 |
| SP-S08X16-1/BZ | \$150.90 |

*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 | \$142.90 |
| SP-A08X16-1/BC | \$142.90 |
| SP-S08X12-1/BC | \$194.10 |
| SP-S08X16-1/BC | \$194.10 |

*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 | \$133.50 |
| SP-A08X16-1/S | \$133.50 |
| SP-S08X12-1/S | \$183.40 |
| SP-S08X16-1/S | \$183.40 |

*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 | \$142.90 |
| SP-A08X16-1/BS | \$142.90 |
| SP-S08X12-1/BS | \$194.10 |
| SP-S08X16-1/BS | \$194.10 |

OPTIONS

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

| PRICE | ALUMINUM | STEEL |
|-------|-----------|-----------|
| | No Charge | No Charge |
| | \$34.00 | \$43.00 |

Cover Plates

D03 COVER PLATES

| Part Number | Price |
|---------------|---------|
| CP-ASP03E-1/Z | \$16.90 |
| CP-SSP03E-1/Z | \$22.00 |
| CP-ASP03E-1/G | \$18.10 |
| CP-SSP03E-1/G | \$25.10 |
| CP-ASS03E-1/Z | \$20.50 |
| CP-SSS03E-1/Z | \$27.80 |

D05 COVER PLATES

| Part Number | Price |
|---------------|---------|
| CP-ASP05E-1/Z | \$18.70 |
| CP-SSP05E-1/Z | \$23.80 |
| CP-ASP05E-1/G | \$21.40 |
| CP-SSP05E-1/G | \$28.60 |
| CP-ASS05E-1/Z | \$26.70 |
| CP-SSS05E-1/Z | \$34.50 |

D08 COVER PLATES

| Part Number | Price |
|---------------|----------|
| CP-ASP08E-1/Z | \$56.20 |
| CP-SSP08E-1/Z | \$79.00 |
| CP-ASP08E-1/G | \$66.90 |
| CP-SSP08E-1/G | \$91.10 |
| CP-ASS08E-1/Z | \$104.00 |
| CP-SSS08E-1/Z | \$140.60 |



Valve Adaptors / Isolation Plugs

DIRECTIONAL VALVE PATTERN ADAPTOR

| Part Number | Price |
|-----------------|----------|
| VA-A03/05-EBA-0 | \$54.60 |
| VA-S03/05-EBA-0 | \$105.70 |
| VA-A05/08-EAA-0 | \$125.30 |
| VA-S05/08-EAA-0 | \$205.80 |

FLOW CONTROL VALVE PATTERN ADAPTOR

| Part Number | Price |
|-----------------|----------|
| VA-AF6/F7-EAA-0 | \$85.40 |
| VA-SF6/F7-EAA-0 | \$165.20 |

DIRECTIONAL VALVE PATTERN ADAPTOR

| Part Number | Price |
|-----------------|----------|
| VA-AP8/P0-EAA-0 | \$95.90 |
| VA-SP8/P0-EAA-0 | \$160.20 |

Isolation Plugs

ISOLATION PLUGS ALUMINUM MANIFOLDS

| Part Number | Usage | Passage | Price |
|-------------|-------------------------------|-----------|---------|
| IP-AP03-0 | Old Style D03 | "P" & "T" | \$44.50 |
| IP-AP03-1 | D03 High Flow | "P" & "T" | \$44.50 |
| IP-AP03-1 | D03 Std. Flow Retro Design | "P" & "T" | \$44.50 |
| IP-AP05-1 | D03 High Flow Retro Design | "P" | \$48.00 |
| IP-SP08-1 | D03 High Flow Retro Design | "T" | \$62.00 |
| IP-AP05-0 | D05 Std. Flow | "P" | \$48.00 |
| IP-AT05-0 | D05 Std. Flow | "T" | \$48.00 |
| IP-AP08-0 | D05 High Flow & D08 Std. Flow | "P" | \$56.20 |
| IP-AT05-1 | D05 High Flow | "T" | \$58.50 |
| IP-AT08-0 | D08 Std. Flow | "T" | \$62.00 |
| IP-ST08-0 | D08 High Flow Retro Design | "P" | \$62.00 |
| N/A | D08 High Flow Retro Design | "T" | - - |

STEEL MANIFOLDS

| Part Number | Usage | Passage | Price |
|-------------|--|-----------|---------|
| IP-SP03-0 | Old Style D03 | "P" & "T" | \$44.50 |
| IP-SP03-1 | D03 High Flow & Std. Flow Retro Design | "P" & "T" | \$44.50 |
| IP-SP05-0 | D03 High Flow Retro Design & D05 Std. Flow | "P" | \$44.50 |
| IP-SP08-0 | D03 High Flow Retro Design | "T" | \$48.00 |
| IP-ST05-0 | D05 Std. Flow | "T" | \$62.00 |
| IP-SP08-0 | D05 High Flow & D08 Std. Flow | "P" | \$48.00 |
| IP-ST05-1 | D05 High Flow | "T" | \$48.00 |
| IP-ST08-0 | D08 Std. Flow | "T" | \$56.20 |
| IP-ST08-0 | D08 High Flow Retro Design | "P" | \$62.00 |
| N/A | D08 High Flow Retro Design | "T" | - - |

Accessories / Relief Valve Cartridges

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 | \$57.60 |
| MA-S05ZZ-PA-ZZ-0 | \$113.50 |

D03 TAPPING PLATE

| Part Number | Price |
|------------------|---------|
| MA-A03ZZ-TP-ZZ-1 | \$20.30 |
| MA-S03ZZ-TP-ZZ-1 | \$25.70 |
| MA-A034X-TP-PP-1 | \$33.30 |
| MA-S034X-TP-PP-1 | \$52.00 |
| MA-A034X-TP-PT-1 | \$26.80 |
| MA-S034X-TP-PT-1 | \$38.80 |
| MA-A034X-TP-AB-1 | \$26.80 |
| MA-S034X-TP-AB-1 | \$38.80 |

OPTIONS

-B, T, or M Thread Option

UNLOADING (VENTING) MODULES

| Part Number | Price |
|------------------|---------|
| MA-A05ZZ-UM-ZZ-0 | \$46.80 |
| MA-S05ZZ-UM-ZZ-0 | \$92.50 |

D05 TAPPING PLATE

| Part Number | Price |
|------------------|---------|
| MA-A05ZZ-TP-ZZ-1 | \$29.20 |
| MA-S05ZZ-TP-ZZ-1 | \$43.30 |
| MA-A054X-TP-PP-1 | \$42.20 |
| MA-S054X-TP-PP-1 | \$69.60 |
| MA-A054X-TP-PT-1 | \$35.70 |
| MA-S054X-TP-PT-1 | \$56.30 |
| MA-A054X-TP-AB-1 | \$35.70 |
| MA-S054X-TP-AB-1 | \$56.50 |

PRICE ALUMINUM STEEL
\$34.60 \$43.70

ORIFICE PLATE

| Part Number | Price |
|------------------|---------|
| MA-A05ZZ-OP-ZZ-0 | \$39.30 |
| MA-S05ZZ-OP-ZZ-0 | \$50.80 |

D08 TAPPING PLATE

| Part Number | Price |
|------------------|----------|
| MA-A08ZZ-TP-ZZ-1 | \$71.40 |
| MA-S08ZZ-TP-ZZ-1 | \$102.40 |
| MA-A084X-TP-PP-1 | \$90.90 |
| MA-S084X-TP-PP-1 | \$137.50 |
| MA-A084X-TP-PT-1 | \$90.50 |
| MA-S084X-TP-PT-1 | \$137.90 |
| MA-A084X-TP-AB-1 | \$90.90 |
| MA-S084X-TP-AB-1 | \$137.50 |
| MA-A084X-TP-PS-1 | \$90.90 |
| MA-S084X-TP-PS-1 | \$137.50 |

Relief Valve Cartridges

D03 HIGH FLOW MANIFOLDS & ALL SUBPLATES

| Part Number | PSI RANGE | Price |
|-------------|-------------|---------|
| RV-C10-2-02 | 50 - 200 | \$64.30 |
| RV-C10-2-15 | 50 - 1500 | \$64.30 |
| RV-C10-2-30 | 1500 - 3000 | \$64.30 |

| Part Number | PSI RANGE | Price |
|-------------|------------|---------|
| -- | -- | -- |
| RV-T10A-15 | 50 - 1500 | \$83.90 |
| RV-T10A-30 | 100 - 3000 | \$83.90 |

D05, D05 HIGH FLOW & D08 MANIFOLDS

| Part Number | PSI RANGE | Price |
|-------------|-------------|---------|
| RV-C10-2-02 | 50 - 200 | \$64.30 |
| RV-C10-2-15 | 50 - 1500 | \$64.30 |
| RV-C10-2-30 | 1500 - 3000 | \$64.30 |

| Part Number | PSI RANGE | Price |
|-------------|------------|---------|
| RV-T3A-08 | 25 - 800 | \$88.50 |
| RV-T3A-15 | 50 - 1500 | \$88.50 |
| RV-T3A-30 | 100 - 3000 | \$88.50 |

OLD STYLE D03 & D03 SERIES MANIFOLDS

| Part Number | PSI RANGE | Price |
|--------------|-------------|---------|
| RV-C10-2R-02 | 50 - 200 | \$64.30 |
| RV-C10-2R-15 | 50 - 1500 | \$64.30 |
| RV-C10-2R-30 | 1500 - 3000 | \$64.30 |



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 | \$44.90 | HS-0002P/01P-02-1/Z | \$69.30 |
| HA-0002P/01P-03-1/Z | \$51.50 | HS-0002P/01P-03-1/Z | \$79.70 |
| HA-0002P/01P-04-1/Z | \$34.30 | HS-0002P/01P-04-1/Z | \$67.80 |
| HA-0002P/01P-05-1/Z | \$64.70 | HS-0002P/01P-05-1/Z | \$98.80 |
| HA-0002P/01P-06-1/Z | \$46.20 | HS-0002P/01P-06-1/Z | \$92.90 |
| HA-0002P/01P-07-1/Z | \$79.20 | HS-0002P/01P-07-1/Z | \$118.00 |
| HA-0002P/01P-08-1/Z | \$58.10 | HS-0002P/01P-08-1/Z | \$118.00 |
| HA-0002P/01P-09-1/Z | \$91.10 | HS-0002P/01P-09-1/Z | \$137.20 |
| HA-0002P/01P-10-1/Z | \$85.80 | HS-0002P/01P-10-1/Z | \$141.50 |

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 | \$47.50 | HS-0006x/04x-02-1/Z | \$73.70 |
| HA-0006x/04x-03-1/Z | \$31.70 | HS-0006x/04x-03-1/Z | \$63.40 |
| HA-0006x/04x-04-1/Z | \$38.30 | HS-0006x/04x-04-1/Z | \$82.60 |
| HA-0006x/04x-05-1/Z | \$71.30 | HS-0006x/04x-05-1/Z | \$109.10 |
| HA-0006x/04x-06-1/Z | \$52.80 | HS-0006x/04x-06-1/Z | \$116.50 |
| HA-0006x/04x-07-1/Z | \$87.10 | HS-0006x/04x-07-1/Z | \$135.70 |
| HA-0006x/04x-08-1/Z | \$79.20 | HS-0006x/04x-08-1/Z | \$147.50 |
| HA-0006x/04x-09-1/Z | \$133.30 | HS-0006x/04x-09-1/Z | \$206.50 |
| HA-0006x/04x-10-1/Z | \$91.10 | HS-0006x/04x-10-1/Z | \$178.50 |

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 | \$51.50 | HS-0012x/08x-02-1/Z | \$132.70 |
| HA-0012x/08x-03-1/Z | \$71.30 | HS-0012x/08x-03-1/Z | \$182.90 |
| HA-0012x/08x-04-1/Z | \$99.00 | HS-0012x/08x-04-1/Z | \$255.20 |
| HA-0012x/08x-05-1/Z | \$108.20 | HS-0012x/08x-05-1/Z | \$314.20 |
| HA-0012x/08x-06-1/Z | \$129.40 | HS-0012x/08x-06-1/Z | \$339.20 |
| HA-0012x/08x-07-1/Z | \$165.00 | HS-0012x/08x-07-1/Z | \$399.70 |
| HA-0012x/08x-08-1/Z | \$161.00 | HS-0012x/08x-08-1/Z | \$426.30 |
| HA-0012x/08x-09-1/Z | \$191.40 | HS-0012x/08x-09-1/Z | \$457.30 |

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 | \$81.80 | HS-0020x/16x-02-1/Z | \$188.80 |
| HA-0020x/16x-03-1/Z | \$110.90 | HS-0020x/16x-03-1/Z | \$261.10 |
| HA-0020x/16x-04-1/Z | \$142.60 | HS-0020x/16x-04-1/Z | \$348.10 |
| HA-0020x/16x-05-1/Z | \$184.80 | HS-0020x/16x-05-1/Z | \$460.20 |
| HA-0020x/16x-06-1/Z | \$220.40 | HS-0020x/16x-06-1/Z | \$508.90 |

* 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 | \$46.20 | HS-0004P/02P-02-1/Z | \$70.80 |
| HA-0004P/02P-03-1/Z | \$29.00 | HS-0004P/02P-03-1/Z | \$59.00 |
| HA-0004P/02P-04-1/Z | \$35.60 | HS-0004P/02P-04-1/Z | \$73.70 |
| HA-0004P/02P-05-1/Z | \$66.00 | HS-0004P/02P-05-1/Z | \$98.80 |
| HA-0004P/02P-06-1/Z | \$47.50 | HS-0004P/02P-06-1/Z | \$100.30 |
| HA-0004P/02P-07-1/Z | \$79.20 | HS-0004P/02P-07-1/Z | \$119.50 |
| HA-0004P/02P-08-1/Z | \$59.40 | HS-0004P/02P-08-1/Z | \$119.50 |
| HA-0004P/02P-09-1/Z | \$109.60 | HS-0004P/02P-09-1/Z | \$165.20 |
| HA-0004P/02P-10-1/Z | \$87.10 | HS-0004P/02P-10-1/Z | \$149.00 |

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 | \$27.70 | HS-0008x/06x-02-1/Z | \$66.40 |
| HA-0008x/06x-03-1/Z | \$35.60 | HS-0008x/06x-03-1/Z | \$87.00 |
| HA-0008x/06x-04-1/Z | \$78.20 | HS-0008x/06x-04-1/Z | \$95.90 |
| HA-0008x/06x-05-1/Z | \$75.20 | HS-0008x/06x-05-1/Z | \$115.10 |
| HA-0008x/06x-06-1/Z | \$56.80 | HS-0008x/06x-06-1/Z | \$122.50 |
| HA-0008x/06x-07-1/Z | \$106.90 | HS-0008x/06x-07-1/Z | \$163.70 |
| HA-0008x/06x-08-1/Z | \$83.20 | HS-0008x/06x-08-1/Z | \$150.50 |
| HA-0008x/06x-09-1/Z | \$141.20 | HS-0008x/06x-09-1/Z | \$218.30 |
| HA-0008x/06x-10-1/Z | \$99.00 | HS-0008x/06x-10-1/Z | \$175.50 |

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 | \$73.90 | HS-0016x/12x-02-1/Z | \$174.10 |
| HA-0016x/12x-03-1/Z | \$106.90 | HS-0016x/12x-03-1/Z | \$262.60 |
| HA-0016x/12x-04-1/Z | \$141.20 | HS-0016x/12x-04-1/Z | \$348.50 |
| HA-0016x/12x-05-1/Z | \$161.00 | HS-0016x/12x-05-1/Z | \$423.30 |
| HA-0016x/12x-06-1/Z | \$184.80 | HS-0016x/12x-06-1/Z | \$455.70 |
| HA-0016x/12x-07-1/Z | \$204.60 | HS-0016x/12x-07-1/Z | \$491.20 |

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 | \$104.30 | HS-0024x/20x-02-1/Z | \$247.80 |
| HA-0024x/20x-03-1/Z | \$145.20 | HS-0024x/20x-03-1/Z | \$354.00 |
| HA-0024x/20x-04-1/Z | \$187.40 | HS-0024x/20x-04-1/Z | \$473.50 |
| HA-0024x/20x-05-1/Z | \$229.70 | HS-0024x/20x-05-1/Z | \$634.20 |

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 | \$158.40 | HS-0032x/24x-02-1/Z | \$386.50 |
| HA-0032x/24x-03-1/Z | \$227.00 | HS-0032x/24x-03-1/Z | \$553.20 |
| HA-0032x/24x-04-1/Z | \$322.10 | HS-0032x/24x-04-1/Z | \$733.10 |

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 | \$52.80 | HS-0906x/04x-02-1/Z | \$82.60 |
| HA-0906x/04x-03-1/Z | \$40.90 | HS-0906x/04x-03-1/Z | \$91.50 |
| HA-0906x/04x-04-1/Z | \$50.20 | HS-0906x/04x-04-1/Z | \$120.90 |
| HA-0906x/04x-05-1/Z | \$88.60 | HS-0906x/04x-05-1/Z | \$144.50 |
| HA-0906x/04x-06-1/Z | \$71.30 | HS-0906x/04x-06-1/Z | \$166.70 |
| HA-0906x/04x-07-1/Z | \$112.20 | HS-0906x/04x-07-1/Z | \$197.90 |
| HA-0906x/04x-08-1/Z | \$109.60 | HS-0906x/04x-08-1/Z | \$213.90 |
| HA-0906x/04x-09-1/Z | \$165.00 | HS-0906x/04x-09-1/Z | \$254.00 |
| HA-0906x/04x-10-1/Z | \$121.40 | HS-0906x/04x-10-1/Z | \$261.10 |

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 | \$33.00 | HS-0908x/06x-02-1/Z | \$75.20 |
| HA-0908x/06x-03-1/Z | \$43.60 | HS-0908x/06x-03-1/Z | \$107.70 |
| HA-0908x/06x-04-1/Z | \$52.80 | HS-0908x/06x-04-1/Z | \$135.70 |
| HA-0908x/06x-05-1/Z | \$88.40 | HS-0908x/06x-05-1/Z | \$169.60 |
| HA-0908x/06x-06-1/Z | \$72.60 | HS-0908x/06x-06-1/Z | \$187.30 |
| HA-0908x/06x-07-1/Z | \$129.40 | HS-0908x/06x-07-1/Z | \$216.80 |
| HA-0908x/06x-08-1/Z | \$113.50 | HS-0908x/06x-08-1/Z | \$239.00 |
| HA-0908x/06x-09-1/Z | \$176.90 | HS-0908x/06x-09-1/Z | \$274.40 |
| HA-0908x/06x-10-1/Z | \$132.00 | HS-0908x/06x-10-1/Z | \$290.60 |

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 | \$58.10 | HS-0912x/08x-02-1/Z | \$138.70 |
| HA-0912x/08x-03-1/Z | \$87.10 | HS-0912x/08x-03-1/Z | \$216.80 |
| HA-0912x/08x-04-1/Z | \$122.80 | HS-0912x/08x-04-1/Z | \$303.80 |
| HA-0912x/08x-05-1/Z | \$151.80 | HS-0912x/08x-05-1/Z | \$371.70 |
| HA-0912x/08x-06-1/Z | \$163.90 | HS-0912x/08x-06-1/Z | \$413.00 |
| HA-0912x/08x-07-1/Z | \$196.70 | HS-0912x/08x-07-1/Z | \$498.50 |
| HA-0912x/08x-08-1/Z | \$321.80 | HS-0912x/08x-08-1/Z | \$556.10 |
| HA-0912x/08x-09-1/Z | \$238.90 | HS-0912x/08x-09-1/Z | \$649.00 |

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 | \$77.90 | HS-0916x/12x-02-1/Z | \$190.30 |
| HA-0916x/12x-03-1/Z | \$117.50 | HS-0916x/12x-03-1/Z | \$286.20 |
| HA-0916x/12x-04-1/Z | \$165.00 | HS-0916x/12x-04-1/Z | \$405.70 |
| HA-0916x/12x-05-1/Z | \$187.40 | HS-0916x/12x-05-1/Z | \$504.40 |
| HA-0916x/12x-06-1/Z | \$229.70 | HS-0916x/12x-06-1/Z | \$570.80 |
| HA-0916x/12x-07-1/Z | \$248.20 | HS-0916x/12x-07-1/Z | \$663.70 |

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 | \$88.40 | HS-0920x/16x-02-1/Z | \$227.20 |
| HA-0920x/16x-03-1/Z | \$128.00 | HS-0920x/16x-03-1/Z | \$320.00 |
| HA-0920x/16x-04-1/Z | \$169.00 | HS-0920x/16x-04-1/Z | \$420.40 |
| HA-0920x/16x-05-1/Z | \$208.60 | HS-0920x/16x-05-1/Z | \$541.30 |
| HA-0920x/16x-06-1/Z | \$248.20 | HS-0920x/16x-06-1/Z | \$612.10 |

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 | \$122.80 | HS-0924x/20x-02-1/Z | \$302.40 |
| HA-0924x/20x-03-1/Z | \$184.80 | HS-0924x/20x-03-1/Z | \$424.80 |
| HA-0924x/20x-04-1/Z | \$238.90 | HS-0924x/20x-04-1/Z | \$548.70 |
| HA-0924x/20x-05-1/Z | \$261.60 | HS-0924x/20x-05-1/Z | \$715.40 |

* 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 | \$175.60 | HS-0932x/24x-02-1/Z | \$429.20 |
| HA-0932x/24x-03-1/Z | \$260.00 | HS-0932x/24x-03-1/Z | \$615.00 |
| HA-0932x/24x-04-1/Z | \$353.80 | HS-0932x/24x-04-1/Z | \$806.80 |

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 | \$54.10 | HS-1806x/04x-02-1/Z | \$84.10 |
| HA-1806x/04x-03-1/Z | \$40.90 | HS-1806x/04x-03-1/Z | \$84.10 |
| HA-1806x/04x-04-1/Z | \$50.20 | HS-1806x/04x-04-1/Z | \$113.60 |
| HA-1806x/04x-05-1/Z | \$88.40 | HS-1806x/04x-05-1/Z | \$144.50 |
| HA-1806x/04x-06-1/Z | \$71.30 | HS-1806x/04x-06-1/Z | \$166.70 |
| HA-1806x/04x-07-1/Z | \$112.20 | HS-1806x/04x-07-1/Z | \$200.60 |
| HA-1806x/04x-08-1/Z | \$109.60 | HS-1806x/04x-08-1/Z | \$213.90 |
| HA-1806x/04x-09-1/Z | \$165.00 | HS-1806x/04x-09-1/Z | \$259.60 |
| HA-1806x/04x-10-1/Z | \$121.40 | HS-1806x/04x-10-1/Z | \$259.60 |

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 | \$33.00 | HS-1808x/06x-02-1/Z | \$81.10 |
| HA-1808x/06x-03-1/Z | \$43.60 | HS-1808x/06x-03-1/Z | \$107.70 |
| HA-1808x/06x-04-1/Z | \$52.80 | HS-1808x/06x-04-1/Z | \$135.70 |
| HA-1808x/06x-05-1/Z | \$88.40 | HS-1808x/06x-05-1/Z | \$168.10 |
| HA-1808x/06x-06-1/Z | \$75.20 | HS-1808x/06x-06-1/Z | \$187.30 |
| HA-1808x/06x-07-1/Z | \$129.40 | HS-1808x/06x-07-1/Z | \$219.80 |
| HA-1808x/06x-08-1/Z | \$113.50 | HS-1808x/06x-08-1/Z | \$239.00 |
| HA-1808x/06x-09-1/Z | \$176.90 | HS-1808x/06x-09-1/Z | \$277.30 |
| HA-1808x/06x-10-1/Z | \$132.00 | HS-1808x/06x-10-1/Z | \$290.60 |

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 | \$58.10 | HS-1812x/08x-02-1/Z | \$138.70 |
| HA-1812x/08x-03-1/Z | \$87.10 | HS-1812x/08x-03-1/Z | \$217.60 |
| HA-1812x/08x-04-1/Z | \$122.80 | HS-1812x/08x-04-1/Z | \$303.80 |
| HA-1812x/08x-05-1/Z | \$146.50 | HS-1812x/08x-05-1/Z | \$398.30 |
| HA-1812x/08x-06-1/Z | \$175.60 | HS-1812x/08x-06-1/Z | \$439.50 |
| HA-1812x/08x-07-1/Z | \$199.30 | HS-1812x/08x-07-1/Z | \$514.80 |
| HA-1812x/08x-08-1/Z | \$221.60 | HS-1812x/08x-08-1/Z | \$556.20 |
| HA-1812x/08x-09-1/Z | \$237.60 | HS-1812x/08x-09-1/Z | \$657.80 |

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 | \$77.90 | HS-1816x/12x-02-1/Z | \$185.90 |
| HA-1816x/12x-03-1/Z | \$117.50 | HS-1816x/12x-03-1/Z | \$286.20 |
| HA-1816x/12x-04-1/Z | \$147.80 | HS-1816x/12x-04-1/Z | \$432.20 |
| HA-1816x/12x-05-1/Z | \$190.10 | HS-1816x/12x-05-1/Z | \$532.50 |
| HA-1816x/12x-06-1/Z | \$245.50 | HS-1816x/12x-06-1/Z | \$575.20 |
| HA-1816x/12x-07-1/Z | \$268.00 | HS-1816x/12x-07-1/Z | \$708.00 |

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 | \$96.40 | HS-1820x/16x-02-1/Z | \$209.50 |
| HA-1820x/16x-03-1/Z | \$134.60 | HS-1820x/16x-03-1/Z | \$308.20 |
| HA-1820x/16x-04-1/Z | \$172.90 | HS-1820x/16x-04-1/Z | \$420.40 |
| HA-1820x/16x-05-1/Z | \$211.20 | HS-1820x/16x-05-1/Z | \$554.60 |
| HA-1820x/16x-06-1/Z | \$248.20 | HS-1820x/16x-06-1/Z | \$612.10 |

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 | \$118.80 | HS-1824x/20x-02-1/Z | \$286.20 |
| HA-1824x/20x-03-1/Z | \$171.60 | HS-1824x/20x-03-1/Z | \$393.80 |
| HA-1824x/20x-04-1/Z | \$220.40 | HS-1824x/20x-04-1/Z | \$548.70 |
| HA-1824x/20x-05-1/Z | \$250.80 | HS-1824x/20x-05-1/Z | \$764.10 |

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 | \$171.60 | HS-1832x/24x-02-1/Z | \$407.10 |
| HA-1832x/24x-03-1/Z | \$252.10 | HS-1832x/24x-03-1/Z | \$584.10 |
| HA-1832x/24x-04-1/Z | \$353.80 | HS-1832x/24x-04-1/Z | \$806.80 |

* 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.

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

| Aluminum / 90 Degree | | Steel / 90 Degree | |
|----------------------|----------|---------------------|----------|
| JA-09000/04x-02-1/Z | \$51.50 | JS-09000/04x-02-1/Z | \$79.20 |
| JA-09000/04x-03-1/Z | \$34.30 | JS-09000/04x-03-1/Z | \$87.20 |
| JA-09000/04x-04-1/Z | \$41.50 | JS-09000/04x-04-1/Z | \$104.60 |
| JA-09000/04x-05-1/Z | \$71.50 | JS-09000/04x-05-1/Z | \$133.10 |
| JA-09000/04x-06-1/Z | \$58.60 | JS-09000/04x-06-1/Z | \$145.80 |
| JA-09000/04x-07-1/Z | \$87.20 | JS-09000/04x-07-1/Z | \$172.70 |
| JA-09000/04x-08-1/Z | \$98.70 | JS-09000/04x-08-1/Z | \$183.80 |
| JA-09000/04x-09-1/Z | \$145.90 | JS-09000/04x-09-1/Z | \$210.80 |
| JA-09000/04x-10-1/Z | \$105.80 | JS-09000/04x-10-1/Z | \$221.80 |

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

| Aluminum / 90 Degree | | Steel / 90 Degree | |
|----------------------|----------|---------------------|----------|
| JA-09000/08x-02-1/Z | \$35.80 | JS-09000/08x-02-1/Z | \$82.40 |
| JA-09000/08x-03-1/Z | \$47.20 | JS-09000/08x-03-1/Z | \$114.10 |
| JA-09000/08x-04-1/Z | \$57.20 | JS-09000/08x-04-1/Z | \$142.60 |
| JA-09000/08x-05-1/Z | \$113.00 | JS-09000/08x-05-1/Z | \$182.30 |
| JA-09000/08x-06-1/Z | \$94.40 | JS-09000/08x-06-1/Z | \$198.10 |
| JA-09000/08x-07-1/Z | \$128.70 | JS-09000/08x-07-1/Z | \$239.30 |
| JA-09000/08x-08-1/Z | \$127.30 | JS-09000/08x-08-1/Z | \$256.80 |
| JA-09000/08x-09-1/Z | \$154.40 | JS-09000/08x-09-1/Z | \$296.30 |

1" NPT (#16 SAE) Side Ports

| Aluminum / 90 Degree | | Steel / 90 Degree | |
|----------------------|----------|---------------------|----------|
| JA-09000/16x-02-1/Z | \$75.80 | JS-09000/16x-02-1/Z | \$171.10 |
| JA-09000/16x-03-1/Z | \$104.40 | JS-09000/16x-03-1/Z | \$237.70 |
| JA-09000/16x-04-1/Z | \$133.00 | JS-09000/16x-04-1/Z | \$309.00 |
| JA-09000/16x-05-1/Z | \$160.20 | JS-09000/16x-05-1/Z | \$399.40 |
| JA-09000/16x-06-1/Z | \$187.30 | JS-09000/16x-06-1/Z | \$438.90 |

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

| Aluminum / 90 Degree | | Steel / 90 Degree | |
|----------------------|----------|---------------------|----------|
| JA-09000/24x-02-1/Z | \$147.30 | JS-09000/24x-02-1/Z | \$320.10 |
| JA-09000/24x-03-1/Z | \$208.80 | JS-09000/24x-03-1/Z | \$461.20 |
| JA-09000/24x-04-1/Z | \$270.30 | JS-09000/24x-04-1/Z | \$597.40 |

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

| Aluminum / 90 Degree | | Aluminum / 90 Degree | |
|----------------------|----------|----------------------|----------|
| JA-09000/06x-02-1/Z | \$30.00 | JS-09000/06x-02-1/Z | \$72.90 |
| JA-09000/06x-03-1/Z | \$41.50 | JS-09000/06x-03-1/Z | \$93.50 |
| JA-09000/06x-04-1/Z | \$48.60 | JS-09000/06x-04-1/Z | \$114.10 |
| JA-09000/06x-05-1/Z | \$74.40 | JS-09000/06x-05-1/Z | \$144.20 |
| JA-09000/06x-06-1/Z | \$85.80 | JS-09000/06x-06-1/Z | \$156.90 |
| JA-09000/06x-07-1/Z | \$127.30 | JS-09000/06x-07-1/Z | \$187.00 |
| JA-09000/06x-08-1/Z | \$91.50 | JS-09000/06x-08-1/Z | \$199.70 |
| JA-09000/06x-09-1/Z | \$134.40 | JS-09000/06x-09-1/Z | \$228.20 |
| JA-09000/06x-10-1/Z | \$110.10 | JS-09000/06x-10-1/Z | \$240.90 |

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

| Aluminum / 90 Degree | | Aluminum / 90 Degree | |
|----------------------|----------|----------------------|----------|
| JA-09000/12x-02-1/Z | \$61.50 | JS-09000/12x-02-1/Z | \$140.90 |
| JA-09000/12x-03-1/Z | \$81.50 | JS-09000/12x-03-1/Z | \$191.80 |
| JA-09000/12x-04-1/Z | \$100.10 | JS-09000/12x-04-1/Z | \$242.50 |
| JA-09000/12x-05-1/Z | \$127.30 | JS-09000/12x-05-1/Z | \$310.60 |
| JA-09000/12x-06-1/Z | \$147.30 | JS-09000/12x-06-1/Z | \$340.70 |
| JA-09000/12x-07-1/Z | \$164.50 | JS-09000/12x-07-1/Z | \$402.50 |

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

| Aluminum / 90 Degree | | Aluminum / 90 Degree | |
|----------------------|----------|----------------------|----------|
| JA-09000/20x-02-1/Z | \$108.70 | JS-09000/20x-02-1/Z | \$236.10 |
| JA-09000/20x-03-1/Z | \$148.70 | JS-09000/20x-03-1/Z | \$320.10 |
| JA-09000/20x-04-1/Z | \$188.80 | JS-09000/20x-04-1/Z | \$420.00 |
| JA-09000/20x-05-1/Z | \$207.40 | JS-09000/20x-05-1/Z | \$515.10 |

* 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 | \$51.50 | JS-18000/04x-02-1/Z | \$79.20 |
| JA-18000/04x-03-1/Z | \$37.20 | JS-18000/04x-03-1/Z | \$87.20 |
| JA-18000/04x-04-1/Z | \$44.30 | JS-18000/04x-04-1/Z | \$104.60 |
| JA-18000/04x-05-1/Z | \$71.50 | JS-18000/04x-05-1/Z | \$133.10 |
| JA-18000/04x-06-1/Z | \$62.90 | JS-18000/04x-06-1/Z | \$145.80 |
| JA-18000/04x-07-1/Z | \$87.20 | JS-18000/04x-07-1/Z | \$172.70 |
| JA-18000/04x-08-1/Z | \$98.70 | JS-18000/04x-08-1/Z | \$183.80 |
| JA-18000/04x-09-1/Z | \$145.90 | JS-18000/04x-09-1/Z | \$210.80 |
| JA-18000/04x-10-1/Z | \$105.80 | JS-18000/04x-10-1/Z | \$221.80 |

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

| Aluminum / 180 Degree | | Steel / 180 Degree | |
|-----------------------|----------|---------------------|----------|
| JA-18000/08x-02-1/Z | \$38.60 | JS-18000/08x-02-1/Z | \$84.00 |
| JA-18000/08x-03-1/Z | \$48.60 | JS-18000/08x-03-1/Z | \$114.10 |
| JA-18000/08x-04-1/Z | \$62.90 | JS-18000/08x-04-1/Z | \$142.60 |
| JA-18000/08x-05-1/Z | \$133.00 | JS-18000/08x-05-1/Z | \$182.30 |
| JA-18000/08x-06-1/Z | \$94.40 | JS-18000/08x-06-1/Z | \$198.10 |
| JA-18000/08x-07-1/Z | \$128.70 | JS-18000/08x-07-1/Z | \$239.30 |
| JA-18000/08x-08-1/Z | \$127.30 | JS-18000/08x-08-1/Z | \$256.80 |
| JA-18000/08x-09-1/Z | \$154.40 | JS-18000/08x-09-1/Z | \$294.80 |

1" NPT (#16 SAE) Side Ports

| Aluminum / 180 Degree | | Steel / 180 Degree | |
|-----------------------|----------|---------------------|----------|
| JA-18000/16x-02-1/Z | \$75.80 | JS-18000/16x-02-1/Z | \$174.30 |
| JA-18000/16x-03-1/Z | \$110.10 | JS-18000/16x-03-1/Z | \$244.10 |
| JA-18000/16x-04-1/Z | \$140.10 | JS-18000/16x-04-1/Z | \$309.00 |
| JA-18000/16x-05-1/Z | \$160.20 | JS-18000/16x-05-1/Z | \$399.40 |
| JA-18000/16x-06-1/Z | \$197.30 | JS-18000/16x-06-1/Z | \$438.90 |

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

| Aluminum / 180 Degree | | Steel / 180 Degree | |
|-----------------------|----------|---------------------|----------|
| JA-18000/24x-02-1/Z | \$147.30 | JS-18000/24x-02-1/Z | \$320.10 |
| JA-18000/24x-03-1/Z | \$208.80 | JS-18000/24x-03-1/Z | \$461.20 |
| JA-18000/24x-04-1/Z | \$270.30 | JS-18000/24x-04-1/Z | \$597.40 |

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

| Aluminum / 180 Degree | | Steel / 180 Degree | |
|-----------------------|----------|---------------------|----------|
| JA-18000/06x-02-1/Z | \$31.50 | JS-18000/06x-02-1/Z | \$72.90 |
| JA-18000/06x-03-1/Z | \$41.50 | JS-18000/06x-03-1/Z | \$93.50 |
| JA-18000/06x-04-1/Z | \$50.10 | JS-18000/06x-04-1/Z | \$114.10 |
| JA-18000/06x-05-1/Z | \$74.40 | JS-18000/06x-05-1/Z | \$144.20 |
| JA-18000/06x-06-1/Z | \$81.50 | JS-18000/06x-06-1/Z | \$156.90 |
| JA-18000/06x-07-1/Z | \$127.30 | JS-18000/06x-07-1/Z | \$187.00 |
| JA-18000/06x-08-1/Z | \$91.50 | JS-18000/06x-08-1/Z | \$199.70 |
| JA-18000/06x-09-1/Z | \$134.40 | JS-18000/06x-09-1/Z | \$228.20 |
| JA-18000/06x-10-1/Z | \$110.10 | JS-18000/06x-10-1/Z | \$240.90 |

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

| Aluminum / 180 Degree | | Steel / 180 Degree | |
|-----------------------|----------|---------------------|----------|
| JA-18000/12x-02-1/Z | \$60.10 | JS-18000/12x-02-1/Z | \$139.40 |
| JA-18000/12x-03-1/Z | \$85.80 | JS-18000/12x-03-1/Z | \$191.80 |
| JA-18000/12x-04-1/Z | \$107.30 | JS-18000/12x-04-1/Z | \$242.50 |
| JA-18000/12x-05-1/Z | \$127.30 | JS-18000/12x-05-1/Z | \$315.40 |
| JA-18000/12x-06-1/Z | \$150.20 | JS-18000/12x-06-1/Z | \$347.00 |
| JA-18000/12x-07-1/Z | \$164.50 | JS-18000/12x-07-1/Z | \$412.00 |

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

| Aluminum / 180 Degree | | Steel / 180 Degree | |
|-----------------------|----------|---------------------|----------|
| JA-18000/20x-02-1/Z | \$108.70 | JS-18000/20x-02-1/Z | \$236.10 |
| JA-18000/20x-03-1/Z | \$148.70 | JS-18000/20x-03-1/Z | \$326.40 |
| JA-18000/20x-04-1/Z | \$188.80 | JS-18000/20x-04-1/Z | \$420.00 |
| JA-18000/20x-05-1/Z | \$207.40 | JS-18000/20x-05-1/Z | \$503.90 |

* 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.

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 | \$58.60 | JS-27000/04x-02-1/Z | \$90.40 |
| JA-27000/04x-03-1/Z | \$45.80 | JS-27000/04x-03-1/Z | \$104.60 |
| JA-27000/04x-04-1/Z | \$57.20 | JS-27000/04x-04-1/Z | \$128.40 |
| JA-27000/04x-05-1/Z | \$82.90 | JS-27000/04x-05-1/Z | \$166.40 |
| JA-27000/04x-06-1/Z | \$78.70 | JS-27000/04x-06-1/Z | \$182.30 |
| JA-27000/04x-07-1/Z | \$104.40 | JS-27000/04x-07-1/Z | \$217.10 |
| JA-27000/04x-08-1/Z | \$131.60 | JS-27000/04x-08-1/Z | \$233.00 |
| JA-27000/04x-09-1/Z | \$188.80 | JS-27000/04x-09-1/Z | \$266.20 |
| JA-27000/04x-10-1/Z | \$143.00 | JS-27000/04x-10-1/Z | \$280.50 |

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

| Aluminum / 270 Degree | | Steel / 270 Degree | |
|-----------------------|----------|---------------------|----------|
| JA-27000/06x-02-1/Z | \$38.60 | JS-27000/06x-02-1/Z | \$85.60 |
| JA-27000/06x-03-1/Z | \$50.10 | JS-27000/06x-03-1/Z | \$111.00 |
| JA-27000/06x-04-1/Z | \$60.10 | JS-27000/06x-04-1/Z | \$139.40 |
| JA-27000/06x-05-1/Z | \$85.80 | JS-27000/06x-05-1/Z | \$179.10 |
| JA-27000/06x-06-1/Z | \$105.80 | JS-27000/06x-06-1/Z | \$194.90 |
| JA-27000/06x-07-1/Z | \$157.30 | JS-27000/06x-07-1/Z | \$236.10 |
| JA-27000/06x-08-1/Z | \$120.10 | JS-27000/06x-08-1/Z | \$253.60 |
| JA-27000/06x-09-1/Z | \$170.20 | JS-27000/06x-09-1/Z | \$288.40 |
| JA-27000/06x-10-1/Z | \$147.30 | JS-27000/06x-10-1/Z | \$302.70 |

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

| Aluminum / 270 Degree | | Steel / 270 Degree | |
|-----------------------|----------|---------------------|----------|
| JA-27000/08x-02-1/Z | \$44.30 | JS-27000/08x-02-1/Z | \$99.80 |
| JA-27000/08x-03-1/Z | \$58.60 | JS-27000/08x-03-1/Z | \$125.20 |
| JA-27000/08x-04-1/Z | \$72.90 | JS-27000/08x-04-1/Z | \$171.10 |
| JA-27000/08x-05-1/Z | \$138.70 | JS-27000/08x-05-1/Z | \$218.70 |
| JA-27000/08x-06-1/Z | \$117.30 | JS-27000/08x-06-1/Z | \$239.30 |
| JA-27000/08x-07-1/Z | \$155.90 | JS-27000/08x-07-1/Z | \$286.80 |
| JA-27000/08x-08-1/Z | \$153.00 | JS-27000/08x-08-1/Z | \$307.40 |
| JA-27000/08x-09-1/Z | \$191.60 | JS-27000/08x-09-1/Z | \$356.60 |

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

| Aluminum / 270 Degree | | Steel / 270 Degree | |
|-----------------------|----------|---------------------|----------|
| JA-27000/12x-02-1/Z | \$71.50 | JS-27000/12x-02-1/Z | \$155.30 |
| JA-27000/12x-03-1/Z | \$97.20 | JS-27000/12x-03-1/Z | \$213.90 |
| JA-27000/12x-04-1/Z | \$124.40 | JS-27000/12x-04-1/Z | \$275.70 |
| JA-27000/12x-05-1/Z | \$153.00 | JS-27000/12x-05-1/Z | \$358.20 |
| JA-27000/12x-06-1/Z | \$175.90 | JS-27000/12x-06-1/Z | \$394.60 |
| JA-27000/12x-07-1/Z | \$197.30 | JS-27000/12x-07-1/Z | \$475.40 |

1" NPT (#16 SAE) Side Ports

| Aluminum / 270 Degree | | Steel / 270 Degree | |
|-----------------------|----------|---------------------|----------|
| JA-27000/16x-02-1/Z | \$84.40 | JS-27000/16x-02-1/Z | \$194.90 |
| JA-27000/16x-03-1/Z | \$123.00 | JS-27000/16x-03-1/Z | \$271.00 |
| JA-27000/16x-04-1/Z | \$154.10 | JS-27000/16x-04-1/Z | \$343.90 |
| JA-27000/16x-05-1/Z | \$185.90 | JS-27000/16x-05-1/Z | \$459.60 |
| JA-27000/16x-06-1/Z | \$224.50 | JS-27000/16x-06-1/Z | \$510.30 |

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

| Aluminum / 270 Degree | | Steel / 270 Degree | |
|-----------------------|----------|---------------------|----------|
| JA-27000/20x-02-1/Z | \$117.30 | JS-27000/20x-02-1/Z | \$258.30 |
| JA-27000/20x-03-1/Z | \$163.00 | JS-27000/20x-03-1/Z | \$358.40 |
| JA-27000/20x-04-1/Z | \$208.80 | JS-27000/20x-04-1/Z | \$459.60 |
| JA-27000/20x-05-1/Z | \$231.70 | JS-27000/20x-05-1/Z | \$554.60 |

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

| Aluminum / 270 Degree | | Steel / 270 Degree | |
|-----------------------|----------|---------------------|----------|
| JA-27000/24x-02-1/Z | \$161.60 | JS-27000/24x-02-1/Z | \$351.80 |
| JA-27000/24x-03-1/Z | \$225.70 | JS-27000/24x-03-1/Z | \$438.90 |
| JA-27000/24x-04-1/Z | \$291.70 | JS-27000/24x-04-1/Z | \$643.40 |

* 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.