

Aluminum Manifolds

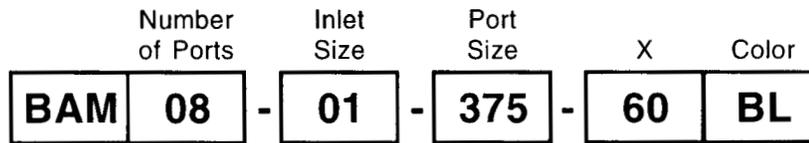


Features:

- Ready to use, no threading required
- No contaminant build-up
- Positive Seal
- Use with brass or steel fittings
- Hardcoat colored anodized finish
- No scale or scrap residue
- Automotive tested approval
- Tensile 38,000 psi yeild 35,000 psi
- Hardened to T6511
- Can withstand Ph 4.5
- Honed ID
- Dipped to remove blemishes and chips
- Manifolds can be manufactured to customers specifications
- Higher operating temperatures / pressure

Applications:

- Heating Induction
- Welding
- Injection Molding
- Machine Tool
- Chemical Plants
- Die Cast Machines
- Laundry Industries
- Robotics
- Car Wash



Burnham
Aluminum
Manifold

Number of Ports	
04 =	4
06 =	6
08 =	8
16 =	16

Inlet Size	
07 =	3-4"
01 =	1"
12 =	1 1/4"
15 =	1 1/2"

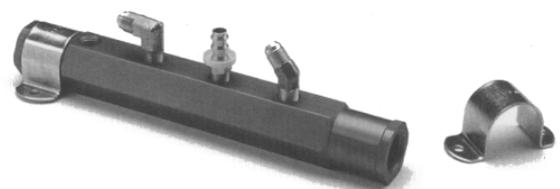
Port Size	
250 =	1/4"
375 =	3/8"
500 =	1/2"

Color	
AL	Aluminum
BK	Black
BL	Blue
BR	Brown *
CL	Clear
GL	Gold *
GR	Green
RD	Red *

*See page 9 for ordering and min.

Clamp #	Inlet Size
BAM-OC-20 =	3/4" (07)
BAM-OC-24 =	1" (01)
BAM-OC-32 =	1 1/4" (12)
BAM-OC-34 =	1 1/2" (15)

Use if offset is necessary.
If the offset is not needed, then skip and go to (#6).



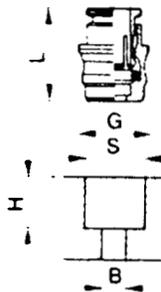
(See list below for available stock items)

BAM-04-01-250 color	BAM-08-01-250 color	BAM-08-15-375 color
BAM-04-01-375 color	BAM-08-01-250-60 color	BAM-08-15-375-60 color
BAM-04-07-250 color	BAM-08-01-375 color	BAM-08-15-500 color
BAM-04-07-375 color	BAM-08-01-375-60 color	BAM-08-15-500-60 color
BAM-04-12-375 color	BAM-08-07-250 color	BAM-16-01-250-60 color
BAM-04-12-500 color	BAM-08-07-250-60 color	BAM-16-01-375-60 color
BAM-04-15-375 color	BAM-08-07-375 color	BAM-16-07-250-60 color
BAM-04-15-500 color	BAM-08-07-375-60 color	BAM-16-07-375-60 color
BAM-06-07-250-60 color	BAM-08-12-375 color	BAM-16-12-375-60 color
BAM-06-07-375-60 color	BAM-08-12-375-60 color	BAM-16-12-500-60 color
BAM-06-12-375-60 color	BAM-08-12-500 color	BAM-16-15-375-60 color
BAM-06-12-500-60 color	BAM-08-12-500-60 color	BAM-16-15-500-60 color

* All non-stock items will be 4-6 weeks delivery (100 piece minimum)

Brown, Gold, Red, Orange, Gray, Blue Gray are non-stock and available only on request. Minimum anodizing charge may apply. Other thread and port configurations also available upon request.

CARTRIDGE-



Dash No.	OD						
	A	F	G	L	S	H	B
-02	1/8	.338	.354	.610	.342	.413	.098
-53	5/32	.338	.354	.571	.342	.413	.118
-04	1/4	.464	.480	.669	.468	.453	.157
-05	5/16	.543	.559	.708	.547	.531	.236
-06	3/8	.622	.637	.807	.625	.590	.315
-08	1/2	.740	.755	.846	.744	.629	.393

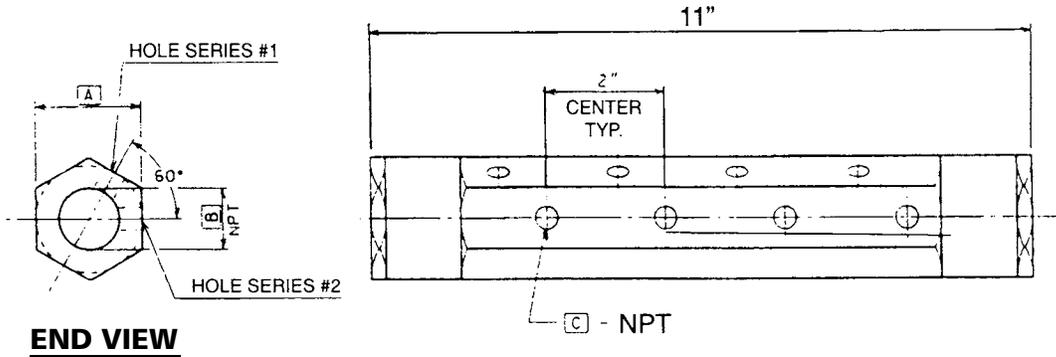
Cartridge fittings are useful for installations in various manifolds and/or distribution blocks when drilling and tapping are not desirable.

Hole tolerances: +/-0.001 (in.)

For plastic (non-metal) manifolds, reduce all hole dimensions "S" by 0.1 mm (0.004 in.)

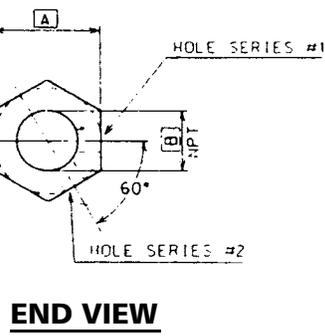
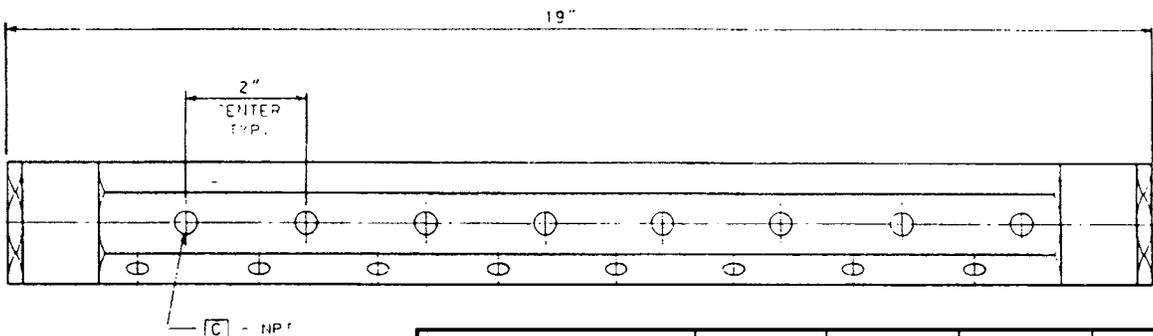
INSTALLATION: Drill or bore hole per specifications per size of cartridge. Simply press fit cartridge into hole with an evenly distributed force over the surface. Remove the collet ring is not necessary.

Manifolds



END VIEW

Part No.	A	B	C	PORT	HOLE SERIES
BAM-04-07-250	1.50"	.750"	.250"	4	1
BAM-04-07-375	1.50"	.750"	.375"	4	1
BAM-06-07-250-60°*	1.50"	.750"	.250"	6	1 & 2
BAM-06-07-375-60°*	1.50"	.750"	.375"	6	1 & 2
BAM-08-07-250-60°	1.50"	.750"	.250"	8	1 & 2
BAM-08-07-375-60°	1.50"	.750"	.375"	8	1 & 2
BAM-04-12-375	2.25"	1.250"	.375"	4	1
BAM-04-12-500	2.25"	1.250"	.500"	4	1
BAM-06-12-375-60°*	2.25"	1.250"	.375"	6	1 & 2
BAM-06-12-500-60°*	2.25"	1.250"	.500"	6	1 & 2
BAM-08-12-375-60°	2.25"	1.250"	.375"	8	1 & 2
BAM-08-12-500-60°	2.25"	1.250"	.500"	8	1 & 2

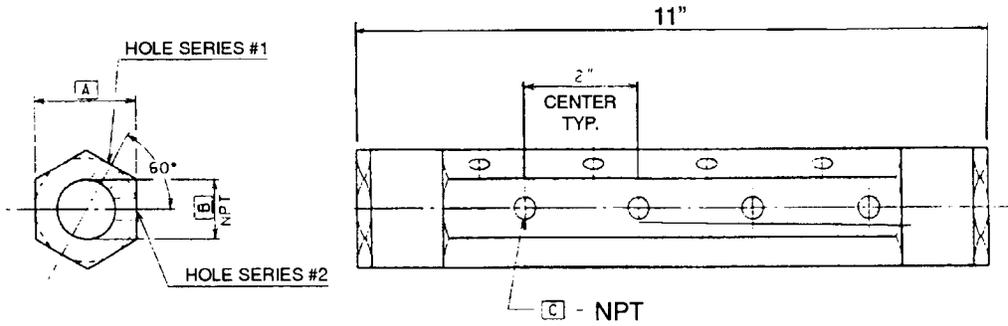


END VIEW

Part No.	A	B	C	PORT	HOLE SERIES
BAM-08-07-250	1.50"	.750"	.250"	8	1
BAM-08-07-375	1.50"	.750"	.375"	8	1
BAM-08-12-375	2.25"	1.250"	.375"	8	1
BAM-08-12-500	2.25"	1.250"	.500"	8	1
BAM-16-07-250-60°	1.50"	.750"	.250"	16	1 & 2
BAM-16-07-375-60°	1.50"	.750"	.375"	16	1 & 2
BAM-16-12-375-60°	2.25"	1.250"	.375"	16	1 & 2
BAM-16-12-500-60°	2.25"	1.250"	.500"	16	1 & 2

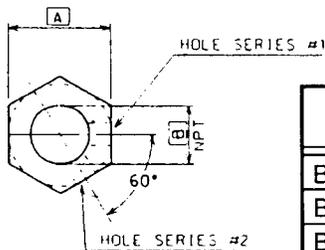
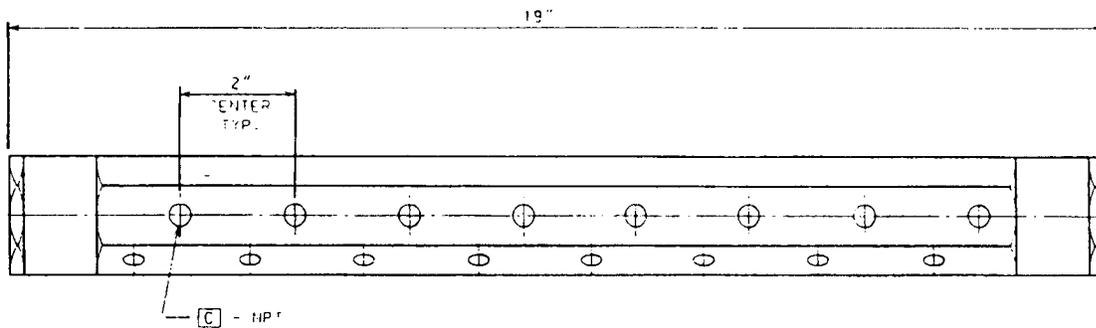
Manifolds





END VIEW

Part No.	A	B	C	PORT	HOLE SERIES
BAM-04-01-250	1.75"	1.0"	.250"	4	1
BAM-04-01-375	1.75"	1.0"	.375"	4	1
BAM-04-15-375	2.50"	1.5"	.375"	4	1
BAM-04-15-500	2.50"	1.5"	.500"	4	1
BAM-08-01-250-60°	1.75"	1.0"	.250"	8	1 & 2
BAM-08-01-375-60°	1.75"	1.0"	.375"	8	1 & 2
BAM-08-15-375-60°	2.50"	1.5"	.375"	8	1 & 2
BAM-08-15-500-60°	2.50"	1.5"	.500"	8	1 & 2



END VIEW

Part No.	A	B	C	PORT	HOLE SERIES
BAM-08-01-250	1.75"	1.0"	.250"	8	1
BAM-08-01-375	1.75"	1.0"	.375"	8	1
BAM-08-15-375	2.50"	1.5"	.375"	8	1
BAM-08-15-500	2.50"	1.5"	.500"	8	1
BAM-16-01-250-60°	1.75"	1.0"	.250"	16	1 & 2
BAM-16-01-375-60°	1.75"	1.0"	.375"	16	1 & 2
BAM-16-15-375-60°	2.50"	1.5"	.375"	16	1 & 2
BAM-16-15-500-60°	2.50"	1.5"	.500"	16	1 & 2

Manifolds