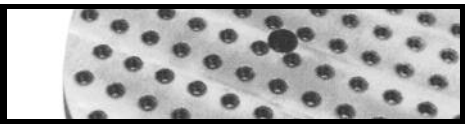
Precision Grid Bases



This is a list of some commonly requested grid base sizes. They are only a small sample of the sizes and shapes of grid plates and uprights that can be made. Sizes and shapes not listed can be readily made to your exact specifications. **See our AMROK® Tombstone Catalog for other shapes and sizes.**

All grid bases are available in four styles:

- Type “NH” with no holes.
- Type “TH” with tapped holes.
- Type “BT” with bored and tapped holes.
- Type “S.A.F.E.” with precision hardened bushings and hardened-steel threaded inserts.

Type “NH”, “TH”, and “BT” grid bases are described on the next page.

Type “S.A.F.E.” Grid Bases are described on all subsequent pages of this section.

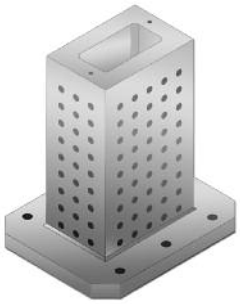
Please specify type of grid base when ordering.

We also offer design and build services to assist you in meeting your requirements. Whether it is producing a 4” x 6” x 8” console, an 84” x 144” machine tool plate, or a hydraulic or manual dedicated fixture, we have your solution.

Pallet riser blocks in excess of 12” high can also be furnished.

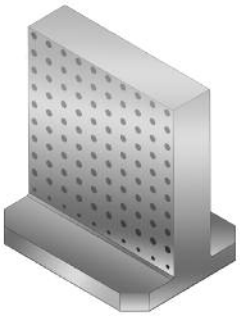
All grid bases are inspected on one of our two DEA Coordinate Measuring Machines: 200” x 80” x 54”, and 72” x 38” x 24”.

Any hardened precision bushing, hardened threaded insert, and any of our four styles available upon request.



Cubes

Double Angles



Window Frames

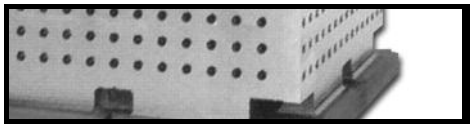
Fixture Plates

Single Angles

Grid Plates

Risers

Consoles



Precision Grid Bases

Type NH - No Holes

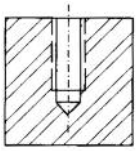
This style is commonly used for dedicated fixturing. The holes are machined by the end user. Advanced Machine will machine the holes per specification. If desired, our S.A.F.E. Lock system or Jergens' "Ball Lock" alignment system are options for mounting dedicated plates on tombstones.

Type NH

Type TH - Tapped Holes

Inch and metric threads are offered. Any size and configuration in addition to "grid patterns" are available. 1" and 2" grid patterns are offered as well as 3/4", 1 1/2" and "offset" grids.

Tolerances: Hole to hole non-accumulative = +/- .005" (for Precision) and+/- .008" (for Standard).



Type TH

Type BT - Bored and Tapped Holes

An economical alternative to the S.A.F.E. bases. For those applications that do not require the ultimate in precision and wear resistance. Available in either "shoulder bolt" or "threaded dowel pin" configurations. Shoulder bolt holes are available in all common sizes:

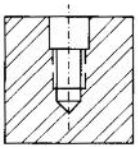
1/4" bore x #10 thread, 5/16" bore x 1/4" thread, 3/8" bore x 5/16" thread
1/2" bore x 3/8" thread, 5/8" bore x 1/2" thread, 3/4" bore x 5/8" thread
1" bore x 3/4" thread, course or fine threads to be specified. Metric sizes also available.

Precision threaded dowel pin holes are available in the following sizes:

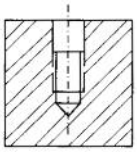
5/16" x 5/16", 1/2" x 1/2", 5/8" x 5/8", 3/4" x 3/4", and 1" x 1" (metric sizes also available). Due to the close size relationship of the precision threaded dowel pin diameter to the major diameter of the tap, slight spiraling on the bore of the hole may be noticeable. This will not affect the accuracy or precision fit of the bore.

Type BT

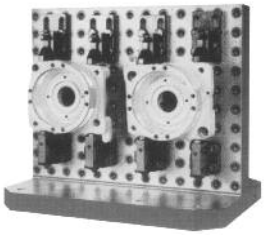
Tolerances:	**Precision**	**Standard**
Bore Size:	H_7 -0"	H_8 -0"
	+ .0007"	+ .0010"
Location from Datum:	+/- .0010"	+/- .0020"
Hole to Hole:	+/- .0005"	+/- .0007"



"BT" Shoulder Bolt



"BT" Threaded Dowel Pin



Type S.A.F.E.

Bored hole spacing (non-accumulative):

Precision			**Standard**		
0 - 20"	=	± .0005	0 - 20"	=	± .0015
20 - 30"	=	± .0008	20 - 30"	=	± .0020
30 - 40"	=	± .0010	30 - 40"	=	± .0025

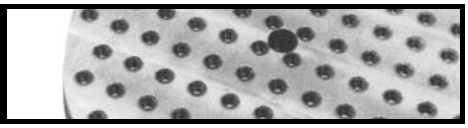
Type S.A.F.E. Precision Modular Workholding Systems

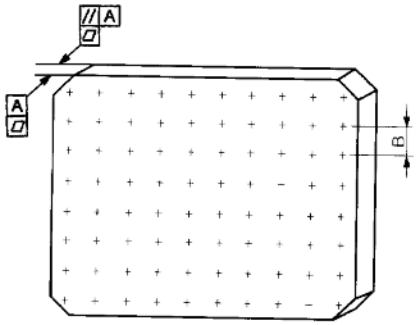
These stones are made to the exact standards demanded by the AMFLEX® Modular Fixturing System Components. They include our standard precision hardened bushings (H_6 -0, + .0004) and hardened inserts. See the following page for tolerances.

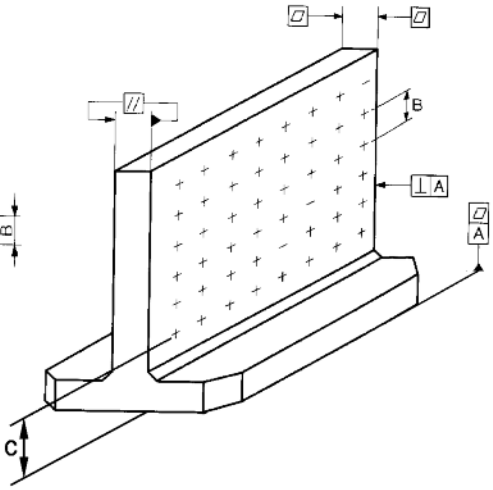
See pages 16 - 26 for detailed description.

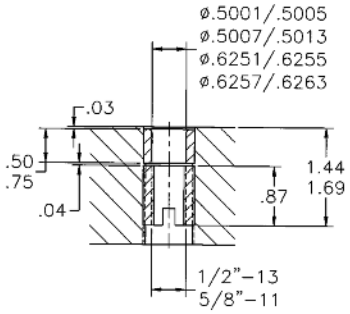
Note: Precision surface tolerances for Type TH and BT are the same as the Type NH. Alignment method and mounting styles are held to machine tool specifications.

Precision Grid Bases









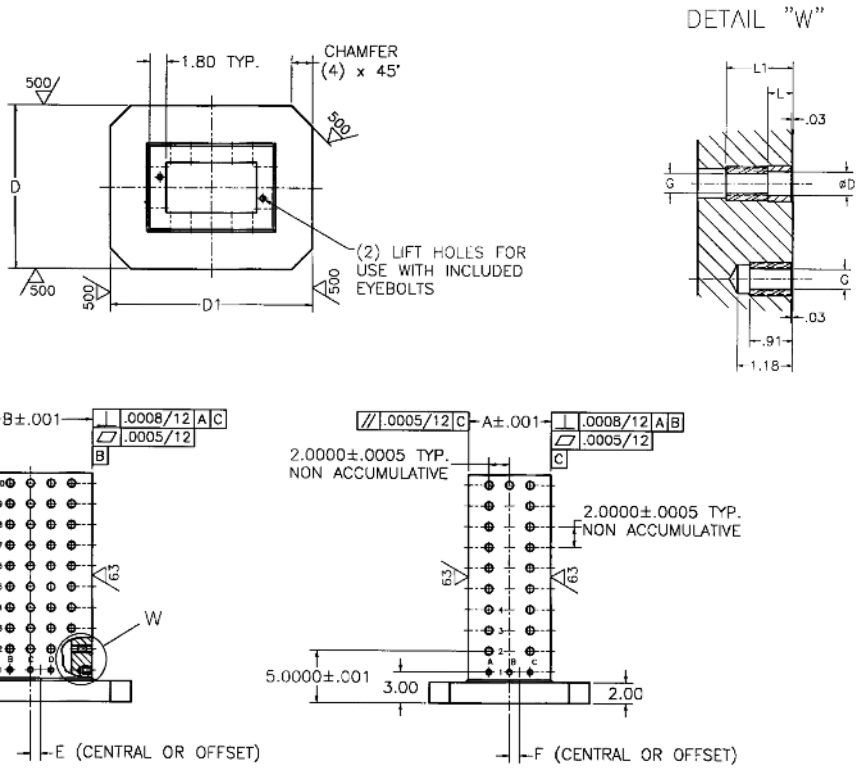
Machined workpiece quality is directly proportional to the individual tolerances involved.

S.A.F.E. Grid Bases are manufactured to the highest precision and quality standards, with our Precision tolerances.

NOTE: Please specify Standard or Precision and Cast Iron or Aluminum.

Tolerances	Standard	Precision
Flatness (Tombstones & Plates)	.0005/12x12	.0005/12x12
Parallelism (Tombstones)	.001/12	.0005/12 Min. .001, Max. .002/48
Parallelism (Plates)	.0005/12 Max. .002 Total	.0005/12 Max. .002 Total
Perpendicularity	.001/12	.0008/12 Min. .001, Max. .002/48
Surface Finish	63 RMS	63 RMS
Face Thickness	"≤30"" = ±.002, >30"" = ±.003"	"≤18"" = ±.001, >18"" = ±.002"
Tapped Holes (non accumulative)	±.005	±.005
Bore Diameter	-0 H8 +.001	-0 H7 +.0007
Precision Bushing I.D.	- 0 H6 + .0004	- 0 H6 +.0004
Precision Bushing Concentricity	0.0001	0.0001
Bored or Precision Bushing Hole to Adjacent Hole	±.0005	±.0005
First Row Bushing Hole Location from Datums	±.002	±.001
Bored or Precision Bushing Hole Spacing (non accumulative)	0-20 ±.0015 20-30 ±.002 30-40 ±.0025	0-20 ±.0005 20-30 ±.0008 30-40 ±.001

Co-axial positioned bushings and inserts allow both positioning and clamping in every hole. The use of hardened precision bushings assures high wear resistance and replaceability. Glued-in bushings allow replacement without damage to the grid base or hole. If the insert is damaged, it too can usually be replaced without redrilling and tapping. Replacement bushings and insert kits with extraction tool are offered if needed.

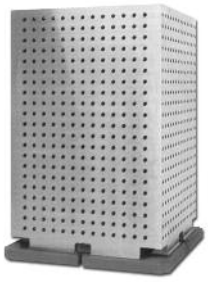


DETAILS:

G (UNC)	dia. D	L	L_1
1/2 - 13	.5001/.5005	.53	1.44
1/2 - 13	.5007/.5013	.53	1.44
5/8 - 11	.6251/.6255	.78	1.69
5/8 - 11	.6257/.6263	.78	1.69

Custom grid bases are available upon request.

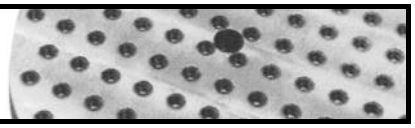
✱ *Specify bushing I.D. used for system.*



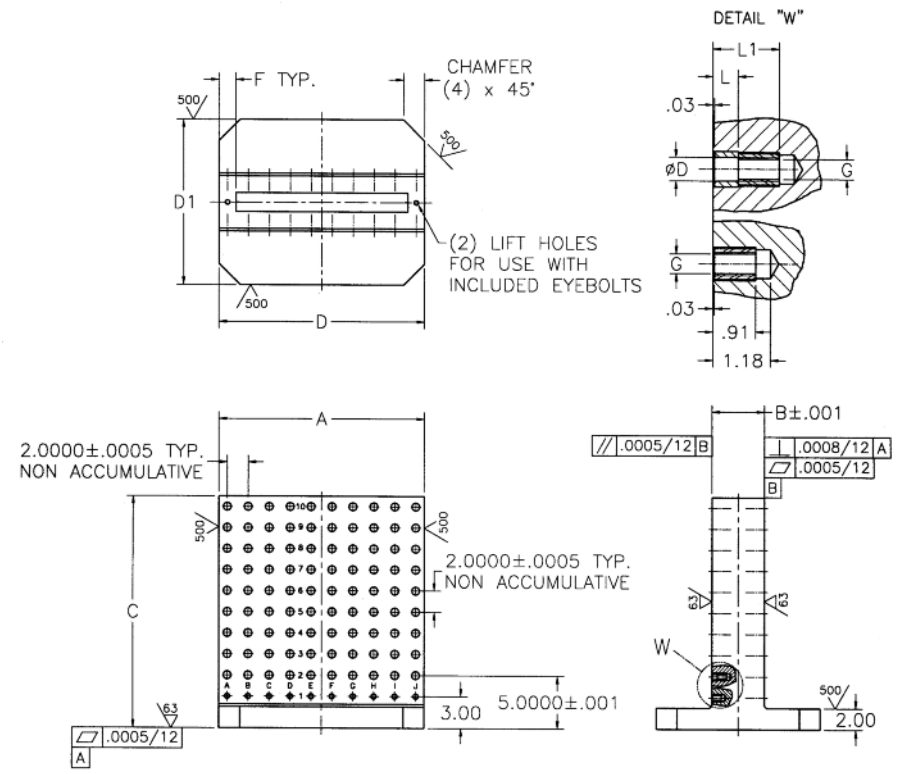
Note: Geometric tolerances shown are Precision. Please specify Standard or Precision and Cast Iron or Aluminum. Refer to Page 16.

Dimensions (in)							Chamfer (4) x 45°	System ✱	Number of Grid Holes		Cast Iron Weight (lbs)	Alum. Weight (lbs)	Part Number AMF-
A	B	C	D	D1	E	F			D + G	G			
8.0	8.0	21.65	15.70	15.70	0	0	2.00	1/2	108	12	348	131	C080822-16-1
8.0	8.0	21.65	15.70	15.70	0	0	2.00	5/8	108	12	348	131	C080822-16-2
8.0	12.0	21.65	15.70	19.6	0	0	2.00	1/2	144	16	433	166	C081222-20-1
8.0	12.0	21.65	15.70	19.6	0	0	2.00	5/8	144	16	433	166	C081222-20-2
10.0	10.0	21.65	15.70	15.70	0	0	2.00	1/2	144	16	437	165	C101022-16-1
10.0	10.0	21.65	15.70	15.70	0	0	2.00	5/8	144	16	437	165	C101022-16-2
12.0	12.0	21.65	19.60	19.6	0	0	2.35	1/2	200	20	538	206	C121222-20-1
12.0	12.0	21.65	19.60	19.6	0	0	2.35	5/8	200	20	538	206	C121222-20-2
12.0	18.0	29.50	19.60	24.8	1.00	0	2.35	1/2	338	26	929	358	C121830-25-1
12.0	18.0	29.50	19.60	24.8	1.00	0	2.35	5/8	338	26	929	358	C121830-25-2
18.0	18.0	29.50	24.80	24.8	1.00	1.00	2.75	1/2	416	32	1150	442	C181830-25-1
18.0	18.0	29.50	24.80	24.8	1.00	1.00	2.75	5/8	416	32	1150	442	C181830-25-2

Precision Grid Bases



Double Angles



DETAILS:

G (UNC)	dia. D	L	L_1
1/2 - 13	.5001/.5005	.53	1.44
1/2 - 13	.5007/.5013	.53	1.44
5/8 - 11	.6251/.6255	.78	1.69
5/8 - 11	.6257/.6263	.78	1.69

Custom grid bases are available upon request.

✱ *Specify bushing I.D. used for system.*

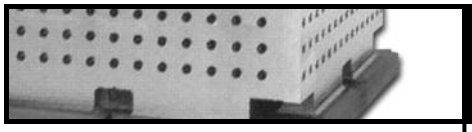
Note: Geometric tolerances shown are Precision. Please specify Standard or Precision and Cast Iron or Aluminum. Refer to Page 16.

Dimensions (in)						Chamfer (4) x 45°	System ✱	Number of Grid Holes		Cast Iron Weight (lbs)	Alum. Weight (lbs)	Part Number AMF-
A	B	C	D	D1	F			D + G	G			
19.6	5.0	21.65	19.6	15.70	N/A	2.00	1/2	180	20	663	254	D200522-20-1
19.6	5.0	21.65	19.6	15.70	N/A	2.00	5/8	180	20	663	254	D200522-20-2
24.8	8.0	29.50	24.8	19.60	N/A	2.35	1/2	312	24	1671	643	D250830-25-1
24.8	8.0	29.50	24.8	19.60	N/A	2.35	5/8	312	24	1671	643	D250830-25-2
31.5	8.0	31.50	31.5	24.80	N/A	2.75	1/2	448	32	2339	901	D320832-32-1
31.5	8.0	31.50	31.5	24.80	N/A	2.75	5/8	448	32	2339	901	D320832-32-2
24.8	8.0	29.50	24.8	19.60	2	2.35	1/2	312	24	1004	387	D250830-25-3
24.8	8.0	29.50	24.8	19.60	2	2.35	5/8	312	24	1004	387	D250830-25-4
31.5	8.0	31.50	31.5	24.80	2	2.75	1/2	448	32	1397	538	D320832-32-3
31.5	8.0	31.50	31.5	24.80	2	2.75	5/8	448	32	1397	538	D320832-32-4

See AMROK® Tombstone catalog for more sizes.

CAD MODELS AVAILABLE BY CLICKING THE MODEL NUMBER

Requires Internet access. CAD Models not available for part numbers shown in black.

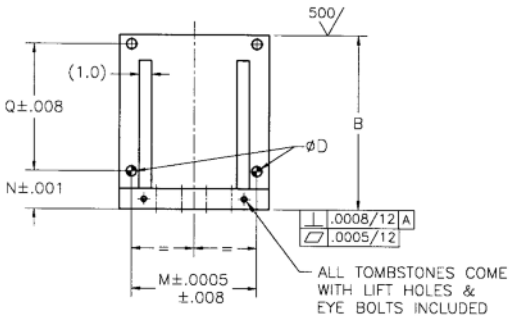


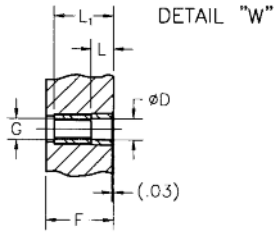
Single Angles

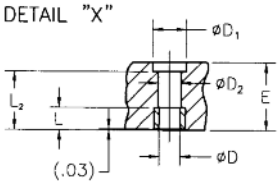
Single Angles are available in two versions:

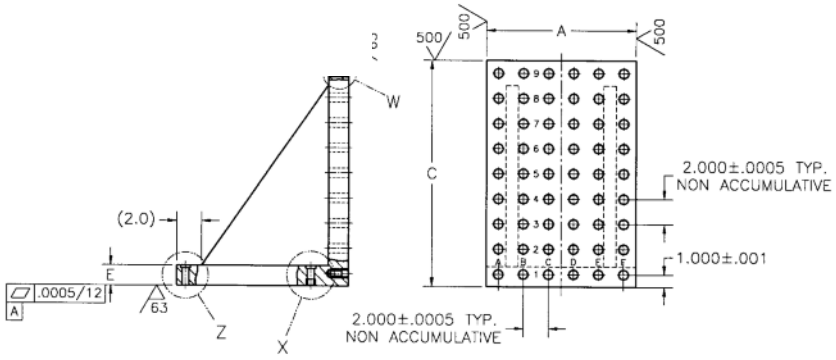
Version I:
Diagonal hole positioning

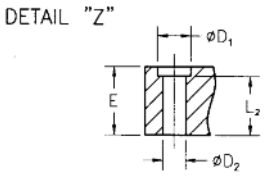
Version II:
Co-axial hole positioning
(Grid angles with two webs are only available in Version 2.)









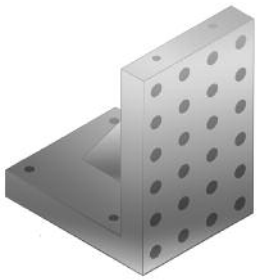


DETAILS:

G (UNC)	dia. D	dia. D_1	dia. D_2	L	L_1
1/2 - 13	.5001/.5005	.81	.56	.53	1.44
1/2 - 13	.5007/.5013	.81	.56	.53	1.44
5/8 - 11	.6251/.6255	1.00	.69	.78	1.69
5/8 - 11	.6257/.6263	1.00	.69	.78	1.69

Custom grid bases are available upon request.

✱ - *Specify bushing I.D. used for system.*

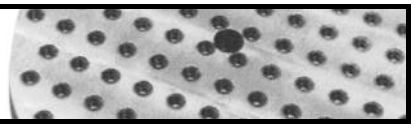


Note: Geometric tolerances shown are Precision. Please specify Standard or Precision and Cast Iron or Aluminum. Refer to Page 16.

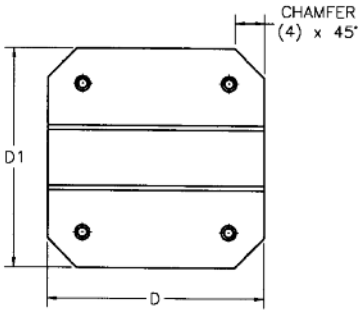
Version	Dimensions (in)					Positioning Hole			System ✱	Number of Grid Holes	Cast Iron Weight (lbs)	Alum. Weight (lbs)	Part Number AMF-
	A	B	C	E/F	L_2	M	N	Q					
I	2.95	8.98	12.00	1.60	1.38	2.00	3.00	4.00	1/2	12	36	14	S0312-09-1
	3.95	9.80	12.00	1.60	1.38	2.00	3.00	6.00	5/8	12	40	15	S0412-10-1
	2.95	8.98	16.00	1.60	1.38	2.00	3.00	4.00	1/2	16	37	14	S0316-09-1
	3.95	9.80	16.00	1.60	1.38	2.00	3.00	6.00	5/8	16	50	19	S0416-10-1
	7.80	9.80	12.00	1.60	1.38	6.00	3.00	6.00	1/2	24	72	28	S0812-10-1
	7.80	9.80	12.00	1.60	1.38	6.00	3.00	6.00	5/8	24	72	28	S0812-10-2
II	11.95	13.70	18.00	1.60	1.38	10.00	3.00	10.00	1/2	54	187	72	S1218-14-1
	11.95	13.70	18.00	1.60	1.38	10.00	3.00	10.00	5/8	54	187	72	S1218-14-2
	15.95	17.70	24.00	2.00	1.77	14.00	3.00	14.00	1/2	96	401	154	S1624-18-1
	15.95	17.70	24.00	2.00	1.77	14.00	3.00	14.00	5/8	96	401	154	S1624-18-2
	11.95	17.70	40.00	2.40	2.16	10.00	5.00	12.00	1/2	120	535	206	S1240-18-1
	11.95	17.70	40.00	2.40	2.16	10.00	5.00	12.00	5/8	120	535	206	S1240-18-2

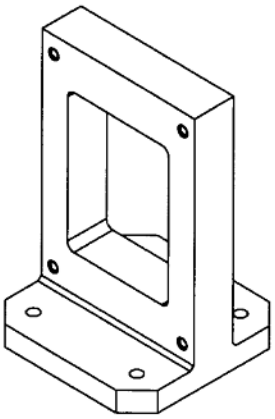
See AMROK® Tombstone catalog for more sizes.

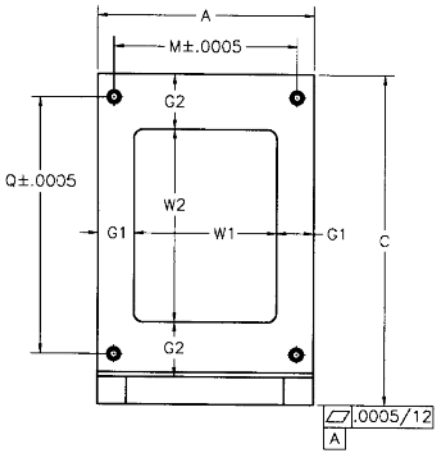
Precision Grid Bases

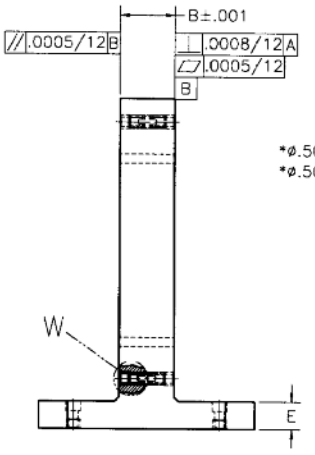


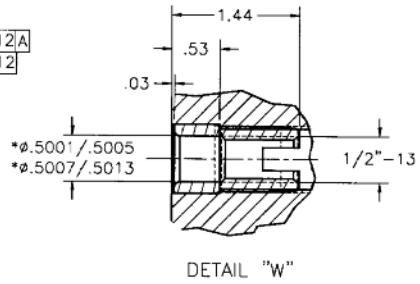
Window Frames









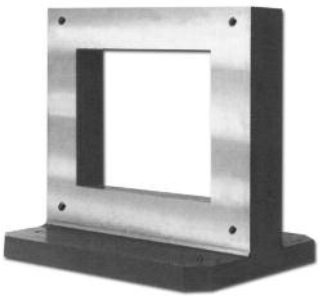


DETAILS:

G (UNC)	dia. D *	L	L_1
1/2 - 13	5001/.5005	.53	1.44
1/2 - 13	.5007/.5013	.53	1.44

Custom grid bases are available upon request.

* *Specify bushing I.D. used for system.*



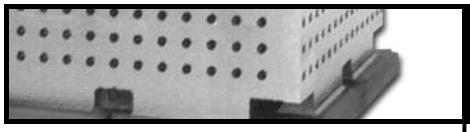
Note: Geometric tolerances shown are Precision. Please specify Standard or Precision and Cast Iron or Aluminum. Refer to Page 16.

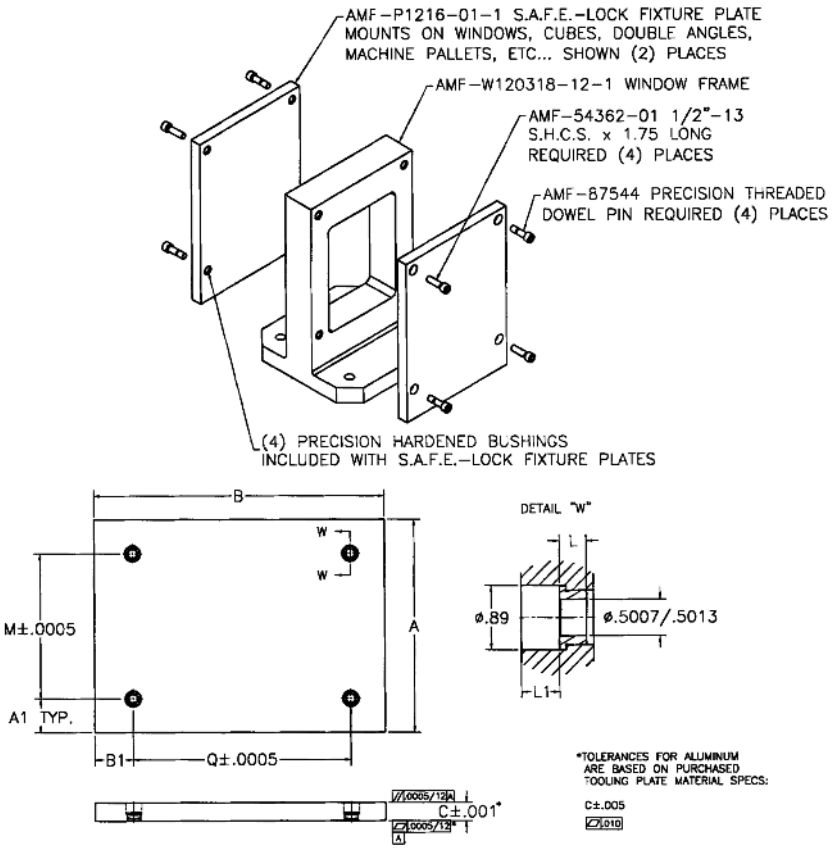
Dimensions (in)											Chamfer (4) x 45°	Cast Iron Weight (lbs)	Alum. Weight (lbs)	Window Part Number AMF-	Mating Plate Part Number AMF-
A	B	C	D SQ. or D x D1	E	M	Q	W1	W2	G1	G2					
11.81	3	18	300 mm	1.5	10	12	7.8	10.5	2	3	1.6	143	55	W120318-12-1	P1216-01-1
15.75	3	24	400 mm	1.5	12	18	9.75	14.5	3	4	2	267	103	W160324-16-1	P1622-01-1
15.75	4	24	400 mm	1.5	12	18	9.75	14.5	3	4	2	323	124	W160424-16-1	P1622-01-1
19.68	4	28	500 mm	2	14	20	11.68	16	4	5	2.35	540	208	W200428-20-1	P2025-01-1
19.68	5	28	500 mm	2	14	20	11.68	16	4	5	2.35	624	240	W200528-20-1	P2025-01-1
24.8	5	32	630 mm	2	18	24	14.8	18	5	6	2.75	941	362	W250532-25-1	P2529-01-1
24.8	6	32	630 mm	2	18	24	14.8	18	5	6	2.75	1065	410	W250632-25-1	P2529-01-1
31.5	8	40	800 mm	2	26	32	15.5	22	8	8	3	2100	809	W320840-32-1	P3137-01-1

See AMROK® Tombstone catalog for more sizes.

CAD MODELS AVAILABLE BY CLICKING THE MODEL NUMBER

Requires Internet access. CAD Models not available for part numbers shown in black.





Fixture Plates with S.A.F.E.-LOCK System

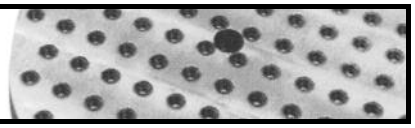
These precision fixture plates will mount on any of our grid bases and are not limited to use with the example mating tombstones shown below (cubes, double angles, single angles, etc.). Mounting horizontally or vertically for quick-change dedicated machining, they locate accurately by using any Two of the Four precision hardened bushing holes with our precision dowel screws (AMF-87544). **Please specify material when ordering (steel, aluminum, or cast iron).**

Custom sizes are available upon request.

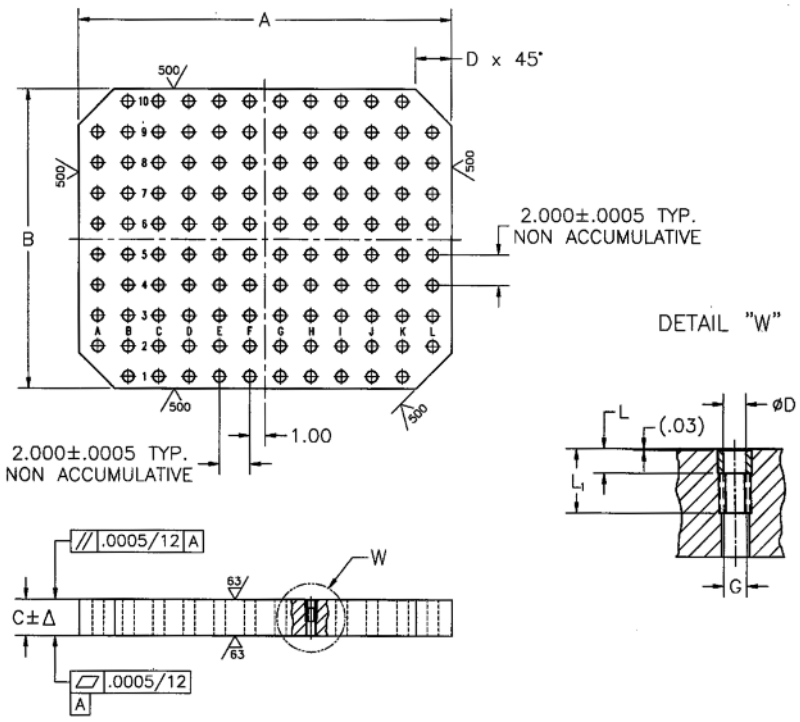
Dimensions (in)										Aluminum Weight (lbs)	Cast Iron Weight (lbs)	Steel Weight (lbs)	Plate Part# AMF-	Example Mating Tombstone Part# AMF-
Nominal Size	A	M	A1 Typ.	B	Q	B1	C	L	L1					
12 x 16	11.75	10.0000	0.88	15.90	12.0000	1.95	1	0.38	0.53	18	48	52	P1216-01-1	W120318-12-1
16 x 22	15.70	12.0000	1.85	21.90	18.0000	1.95	1	0.38	0.53	34	90	97	P1622-01-1	W160324-16-1
20 x 25	19.60	14.0000	2.80	25.00	20.0000	2.50	1	0.38	0.53	49	128	138	P2025-01-1	W200428-20-1
25 x 29	24.50	18.0000	3.25	29.00	24.0000	2.50	1.25	0.5	0.69	89	231	250	P2529-01-1	W250532-25-1
31 x 37	31.00	26.0000	2.50	37.00	32.0000	2.50	1.25	0.5	0.69	143	373	403	P3137-01-1	W320840-32-1
6 x 18	5.90	4.0000	0.95	17.90	14.0000	1.95	1	0.38	0.53	11	28	30	P0618-01-1	C060620-12-1
8 x 8	7.90	6.0000	0.95	7.90	6.0000	2.95	1	0.38	0.53	6	17	18	P0808-01-1	C101018-16-1
8 x 20	7.90	4.0000	1.95	19.50	16.0000	1.75	1	0.38	0.53	16	41	44	P0820-01-1	C080822-16-1
10 x 10	9.90	8.0000	0.95	9.90	8.0000	0.95	1	0.38	0.53	10	26	28	P1010-01-1	C121213-20-1
10 x 20	9.90	6.0000	1.95	19.90	14.0000	2.95	1	0.38	0.53	20	51	55	P1020-01-1	C101024-16-1
12 x 12	11.90	8.0000	1.95	11.90	8.0000	1.95	1	0.38	0.53	14	37	40	P1212-01-1	C121218-16-1
12 x 24	11.90	8.0000	1.95	23.90	20.0000	1.95	1	0.38	0.53	28	74	80	P1224-01-1	C121228-20-1
14 x 26	13.90	10.0000	1.95	25.90	22.0000	1.95	1	0.38	0.53	36	93	101	P1426-01-1	C141428-20-1
16 x 16	15.90	12.0000	1.95	15.90	12.0000	1.95	1	0.38	0.53	25	66	71	P1616-01-1	C161624-25-1
16 x 26	15.90	12.0000	1.95	25.90	22.0000	1.95	1	0.38	0.53	41	107	116	P1626-01-1	S1630-18-1
18 x 18	17.90	14.0000	1.95	17.90	12.0000	2.95	1	0.38	0.53	32	83	90	P1818-01-1	D180424-16-1
20 x 20	19.90	16.0000	1.95	19.90	14.0000	2.95	1	0.38	0.53	39	103	111	P2020-01-1	C202024-25-1
20 x 22	19.50	16.0000	1.75	21.50	14.0000	3.75	1	0.38	0.53	43	113	122	P2022-01-1	D200624-20-1
25 x 26	24.50	20.0000	2.25	25.90	22.0000	1.95	1.25	0.50	0.69	65	168	182	P2526-01-1	D250629-25-1

See AMROK® Tombstone catalog for more sizes.

Precision Grid Bases



Plates



DETAILS:

G (UNC)	dia. D	L	L_1
1/2 - 13	.5001/.5005	.53	1.44
1/2 - 13	.5007/.5013	.53	1.44
5/8 - 11	.6251/.6255	.78	1.69
5/8 - 11	.6257/.6263	.78	1.69

Custom grid bases are available upon request.

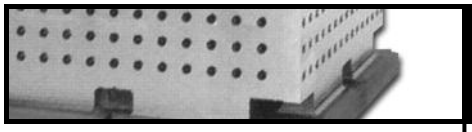
✱ - *Specify bushing I.D. used for system.*

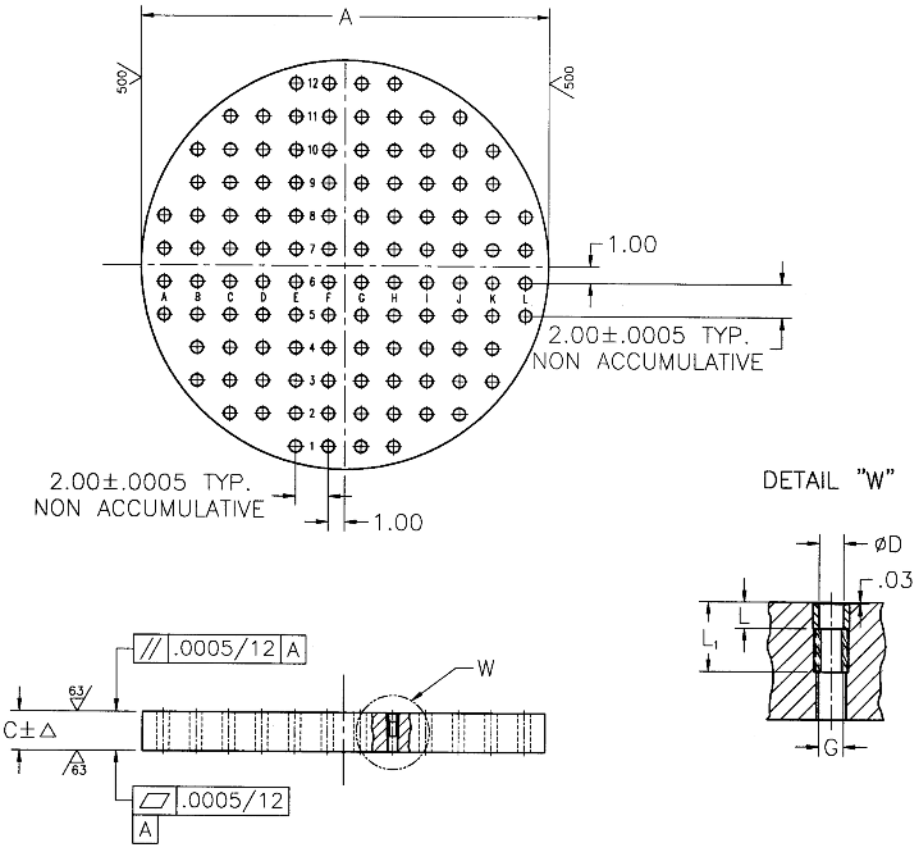
Note: Geometric tolerances shown are Precision. Please specify Standard or Precision and Cast Iron or Aluminum. Refer to Page 16.

Dimensions (in)				Chamfer (4) x 45°	System ✱	Number of Grid Holes	Cast Iron Weight (lbs)	Alum. Weight (lbs)	Part Number AMF-
A	B	C	± △						
15.70	15.70	1.60	.001	2.00	1/2	60	99	38	P1616-02-1
19.60	15.70	2.00	.001	2.00	1/2	76	156	60	P2016-02-1
19.60	15.70	2.00	.001	2.00	5/8	76	156	60	P2016-02-2
19.60	19.60	2.00	.001	2.35	1/2	96	194	75	P2020-02-1
19.60	19.60	2.00	001	2.35	5/8	96	194	75	P2020-02-2
24.80	19.60	2.00	.001	2.35	1/2	116	247	95	P2520-02-1
24.80	19.60	2.00	.001	2.35	5/8	116	247	95	P2520-02-2
24.80	24.80	2.00	.001	2.75	1/2	140	312	120	P2525-02-1
24.80	24.80	2.00	.001	2.75	5/8	140	312	120	P2525-02-2
31.50	24.80	2.36	.0015	2.75	1/2	188	470	181	P3225-02-1
31.50	24.80	2.36	.0015	2.75	5/8	188	470	181	P3225-02-2
31.50	31.50	2.36	.0015	3.90	1/2	244	590	227	P3232-02-1
31.50	31.50	2.36	.0015	3.90	5/8	244	590	227	P3232-02-2
39.29	19.60	2.36	.0015	3.90	1/2	188	454	175	P3920-02-1
39.29	19.60	2.36	.0015	3.90	5/8	188	454	175	P3920-02-2
39.29	29.50	2.36	.0015	3.90	1/2	268	566	218	P3930-02-1
39.29	29.50	2.36	.0015	3.90	5/8	268	566	218	P3930-02-2

CAD MODELS AVAILABLE BY CLICKING THE MODEL NUMBER

Requires Internet access. CAD Models not available for part numbers shown in black.





DETAILS:

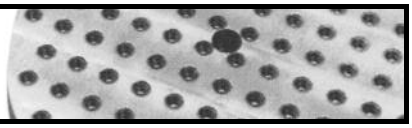
G (UNC)	dia. D	L	L_1
1/2 - 13	.5001/.5005	.52	1.40
1/2 - 13	.5007/.5013	.52	1.40
5/8 - 11	.6251/.6255	.77	1.65
5/8 - 11	.6257/.6263	.77	1.65

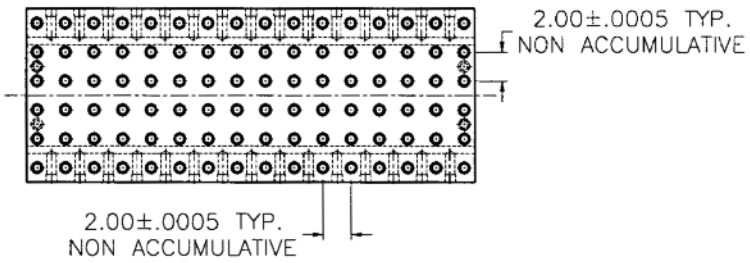
Custom grid bases are available upon request.

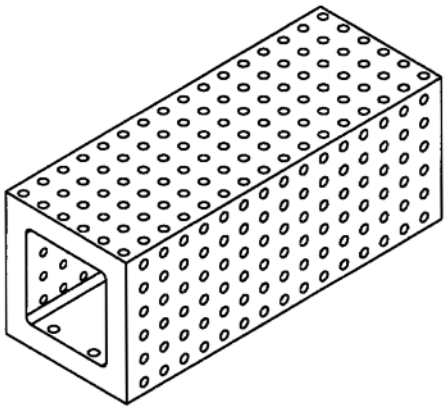
✱ - *Specify bushing I.D. used for system.*

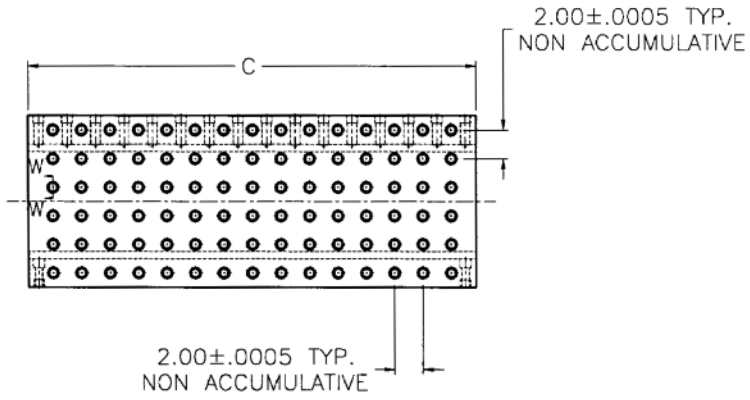
Note: Geometric tolerances shown are Precision. Please specify Standard or Precision and Cast Iron or Aluminum. Refer to Page 16.

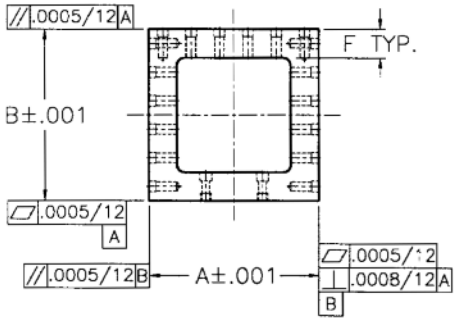
Dimensions (in)			System ✱	Number of Grid Holes	Cast Iron Weight (lbs)	Alum. Weight (lbs)	Part Number AMF-
∅ A	C	± △					
13.0	1.6	.001	1/2	32	55	21	P13D-02-1
15.7	1.6	.001	1/2	44	82	31	P16D-02-1
19.6	2.0	.001	1/2	68	157	60	P20D-02-1
19.6	2.0	.001	5/8	68	157	60	P20D-02-2
24.8	2.36	.001	1/2	112	296	114	P25D-02-1
24.8	2.36	.001	5/8	112	296	114	P25D-02-2
31.5	2.36	.0015	1/2	180	478	184	P32D-02-1
31.5	2.36	.0015	5/8	180	478	184	P32D-02-2

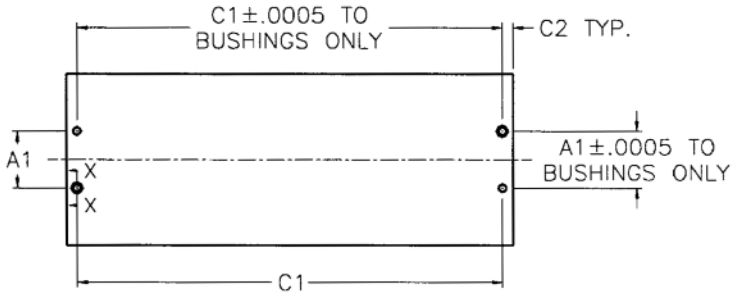


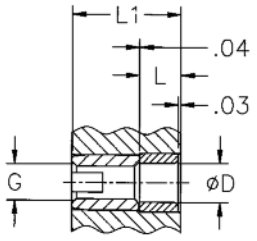












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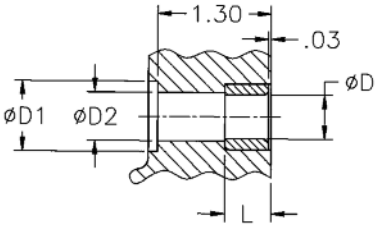
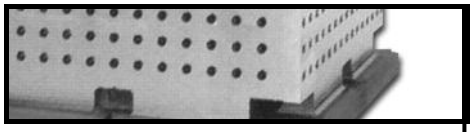


SECTION "X–X"



DETAILS:

G (UNC)	dia. D	dia. D_1	dia. D_2	L	L_1
1/2 - 13	.5001/.5005	.81	.56	.53	1.44
1/2 - 13	.5007/.5013	.81	.56	.53	1.44
5/8 - 11	.6251/.6255	1.00	.69	.78	1.69
5/8 - 11	.6257/.6263	1.00	.69	.78	1.69

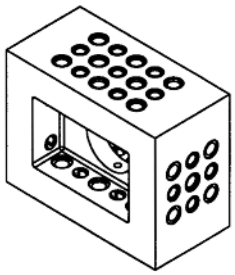
Custom grid bases are available upon request.

✱ - *Specify bushing I.D. used for system.*

Note: Geometric tolerances shown are Precision. Please specify Standard or Precision and Cast Iron or Aluminum. Refer to Page 16.

Dimensions (in)							System ✱	Number of Grid Holes	Aluminum Weight (lbs)	Cast Iron Weight (lbs)	Part Number AMF-
A	A1	B	C	C1	C2	F					
6	0	6	400 mm	14.000	0.88	1.875	1/2	66	45	117	R0606-16-1
6	0	6	400 mm	14.000	0.88	1.875	5/8	66	45	117	R0606-16-2
6	0	6	500 mm	18.000	0.84	1.875	1/2	84	56	146	R0606-20-1
6	0	6	500 mm	18.000	0.84	1.875	5/8	84	56	146	R0606-20-2
6	0	6	630 mm	22.000	1.40	1.875	1/2	102	71	184	R0606-25-1
6	0	6	630 mm	22.000	1.40	1.875	5/8	102	71	184	R0606-25-2
6	0	6	800 mm	30.000	0.75	1.875	1/2	138	89	233	R0606-32-1
6	0	6	800 mm	30.000	0.75	1.875	5/8	138	89	233	R0606-32-2
8	2	8	400 mm	14.000	0.88	2	1/2	88	75	197	R0808-16-1
8	2	8	400 mm	14.000	0.88	2	5/8	88	75	197	R0808-16-2
8	2	8	500 mm	18.000	0.84	2	1/2	112	94	246	R0808-20-1
8	2	8	500 mm	18.000	0.84	2	5/8	112	94	246	R0808-20-2
8	2	8	630 mm	22.000	1.40	2	1/2	136	119	310	R0808-25-1
8	2	8	630 mm	22.000	1.40	2	5/8	136	119	310	R0808-25-2
8	2	8	800 mm	30.000	0.75	2	1/2	184	151	393	R0808-32-1
8	2	8	800 mm	30.000	0.75	2	5/8	184	151	393	R0808-32-2
10	4	10	400 mm	14.000	0.88	2	1/2	110	100	262	R1010-16-1
10	4	10	400 mm	14.000	0.88	2	5/8	110	100	262	R1010-16-2
10	4	10	500 mm	18.000	0.84	2	1/2	140	126	328	R1010-20-1
10	4	10	500 mm	18.000	0.84	2	5/8	140	126	328	R1010-20-2
10	4	10	630 mm	22.000	1.40	2	1/2	170	158	413	R1010-25-1
10	4	10	630 mm	22.000	1.40	2	5/8	170	158	413	R1010-25-2
10	4	10	800 mm	30.000	0.75	2	1/2	230	201	524	R1010-32-1
10	4	10	800 mm	30.000	0.75	2	5/8	230	201	524	R1010-32-2
12	6	12	400 mm	14.000	0.88	2	1/2	132	126	328	R1212-16-1
12	6	12	400 mm	14.000	0.88	2	5/8	132	126	328	R1212-16-2
12	6	12	500 mm	18.000	0.84	2	1/2	168	157	410	R1212-20-1
12	6	12	500 mm	18.000	0.84	2	5/8	168	157	410	R1212-20-2
12	6	12	630 mm	22.000	1.40	2	1/2	204	198	516	R1212-25-1
12	6	12	630 mm	22.000	1.40	2	5/8	204	198	516	R1212-25-2
12	6	12	800 mm	30.000	0.75	2	1/2	276	251	655	R1212-32-1
12	6	12	800 mm	30.000	0.75	2	5/8	276	251	655	R1212-32-2

See AMROK® Tombstone catalog for more sizes.



DETAILS:

G (UNC)	dia. D	dia. D_1	dia. D_2	L	L_1
1/2 - 13	.5001/.5005	.81	.56	.52	1.40
1/2 - 13	.5007/.5013	.81	.56	.52	1.40
5/8 - 11	.6251/.6255	1.00	.69	.77	1.65
5/8 - 11	.6257/.6263	1.00	.69	.77	1.65

Custom grid bases are available upon request.

✻ - *Specify bushing I.D. used for system.*

Note: Geometric tolerances shown are Precision. Please specify Standard or Precision and Cast Iron or Aluminum. Refer to Page 16.

Dimensions (in)			System ✻	Number of Grid Holes	Aluminum Weight (lbs)	Cast Iron Weight (lbs)	Part Number AMF-
A	B	F					
6	6	1.5	1/2	20	11	29	F0606-04-1
6	6	1.5	5/8	20	11	29	F0606-04-2
6	8	1.5	1/2	26	14	36	F0608-04-1
6	8	1.5	5/8	26	14	36	F0608-04-2
8	8	1.5	1/2	32	17	45	F0808-04-1
8	8	1.5	5/8	32	17	45	F0808-04-2
10	10	2	1/2	44	28	73	F1010-04-1
10	10	2	5/8	44	28	73	F1010-04-2
12	12	2	1/2	56	37	96	F1212-04-1
12	12	2	5/8	56	37	96	F1212-04-2

See AMROK® Tombstone catalog for more sizes.

CAD MODELS AVAILABLE BY CLICKING THE MODEL NUMBER

Requires Internet access. CAD Models not available for part numbers shown in black.

Customer Order Form

ADVANCED MACHINE & ENGINEERING CO.

Customer Name:_____ Today's Date:_____

Address:_____

City, State, Zip Code:_____

Phone Number / Fax Number:_____

Contact:_____

How did you hear about AME:_____

Description of Part	Quantity	Part Number

Comments:_____

_____

X Signature: _____ Date Required By: _____

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