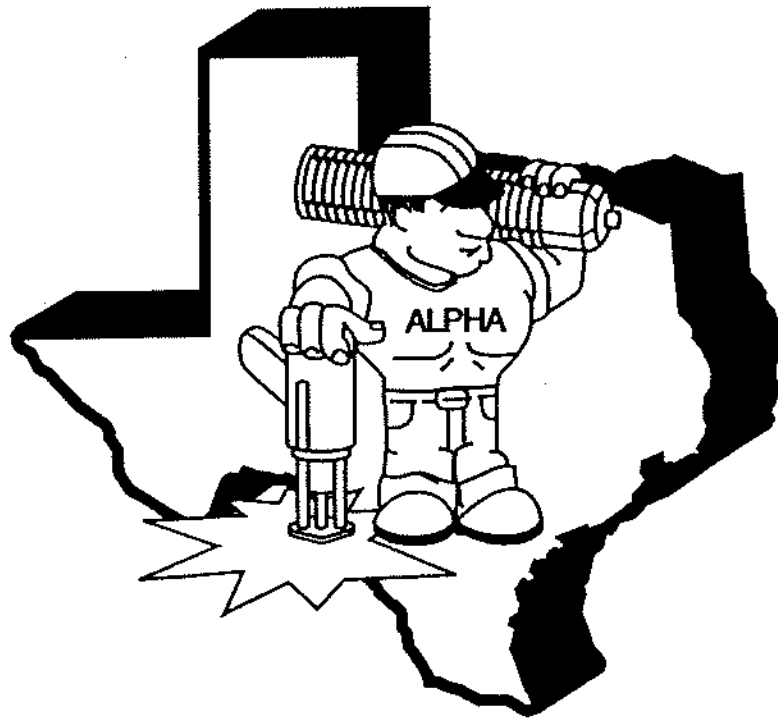


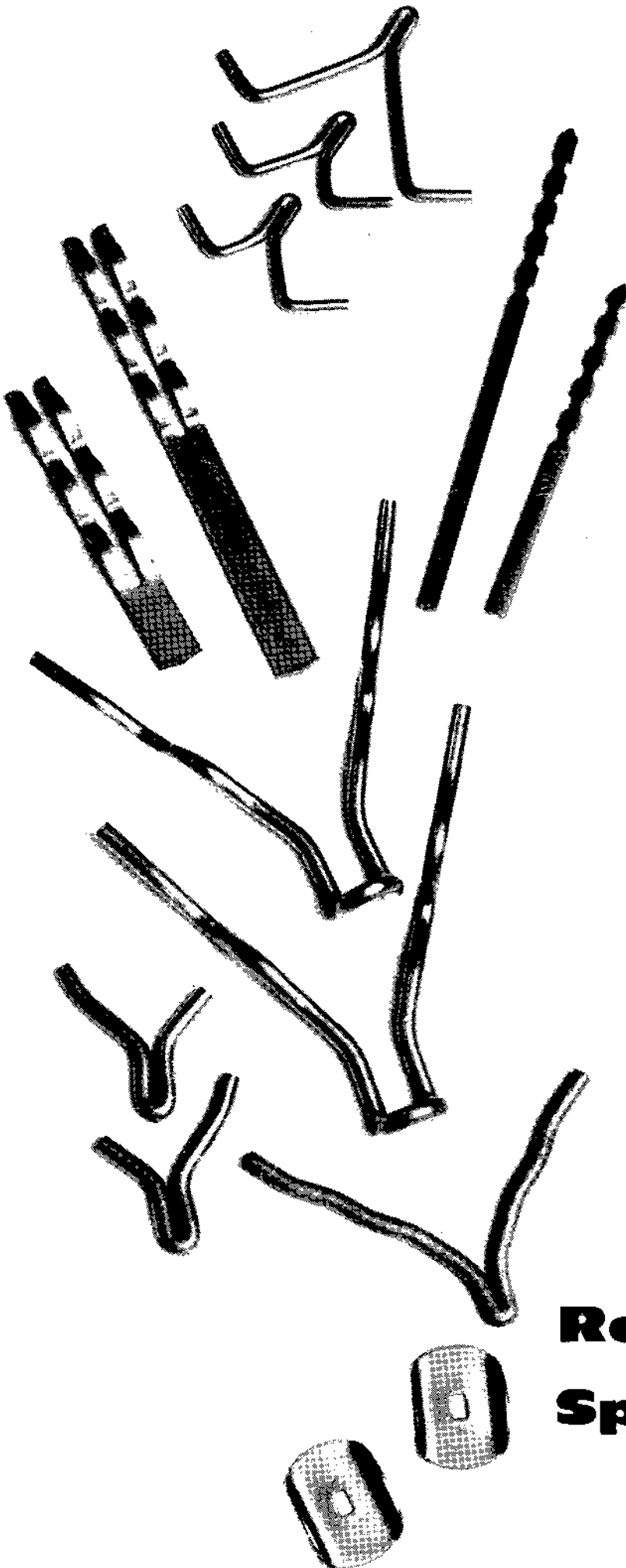
ALPHA STUD WELD



5121 STEADMONT
HOUSTON, TX. 77040

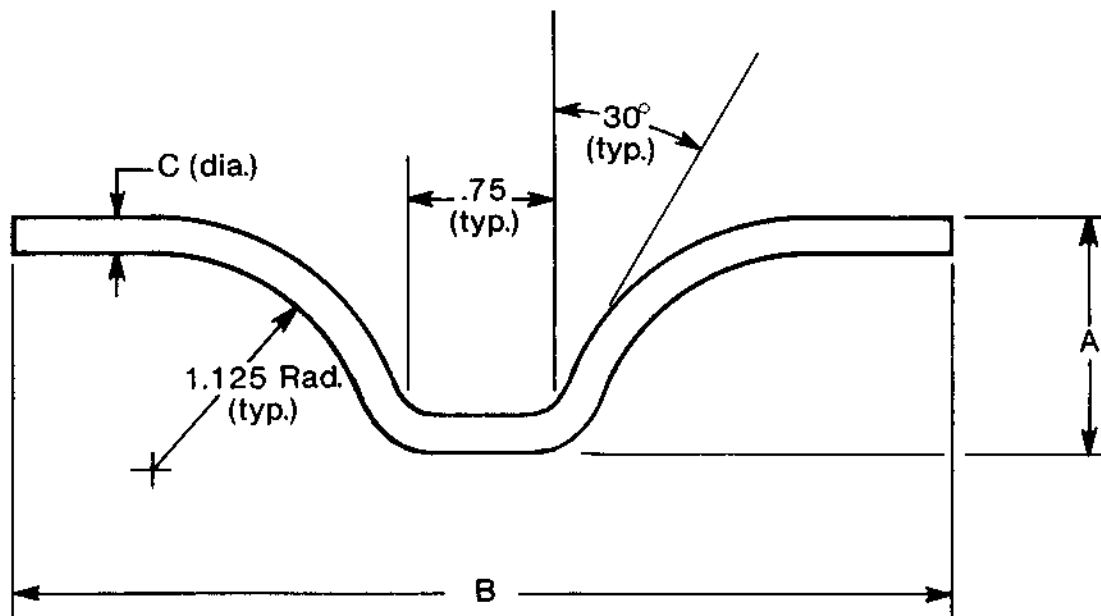
(713)460-5118 FAX: (713)460-8786
NATIONAL WATS (800)468-5118

ALPHA Refractory Anchoring Systems



Refractory Specifications

No.	A	B	C
1	1	4.73	3/16
2	1.5	5.30	3/16
3	2	5.88	3/16
4	2.5	6.45	3/16
5	3	7.03	3/16
6	3.5	7.61	3/16
7	4	8.18	3/16
8	4.5	8.76	3/16
9	5	9.33	3/16
10	5.5	9.91	3/16
11	6	10.4	3/16
12	1	4.73	1/4
13	1.5	5.30	1/4
14	2	5.88	1/4
15	2.5	6.45	1/4
16	3	7.03	1/4
17	3.5	7.61	1/4
18	4	8.18	1/4
19	4.5	8.76	1/4
20	5	9.33	1/4
21	5.5	9.91	1/4
22	6	10.4	1/4

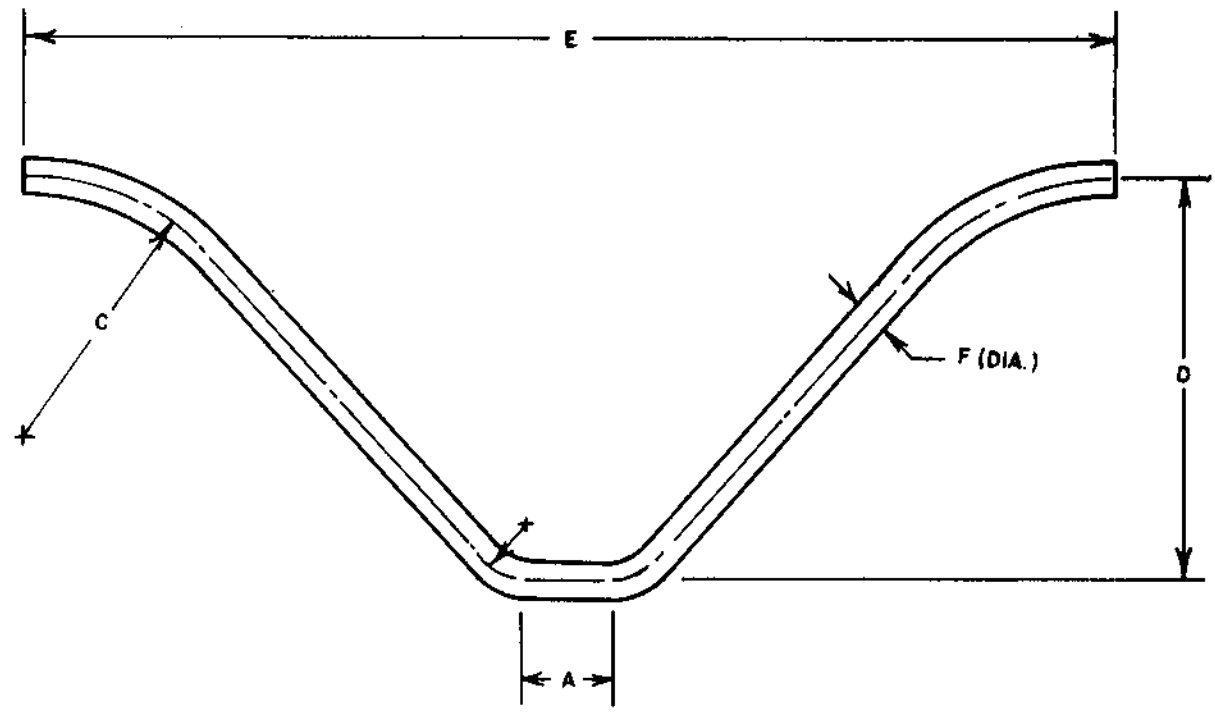


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AR-730

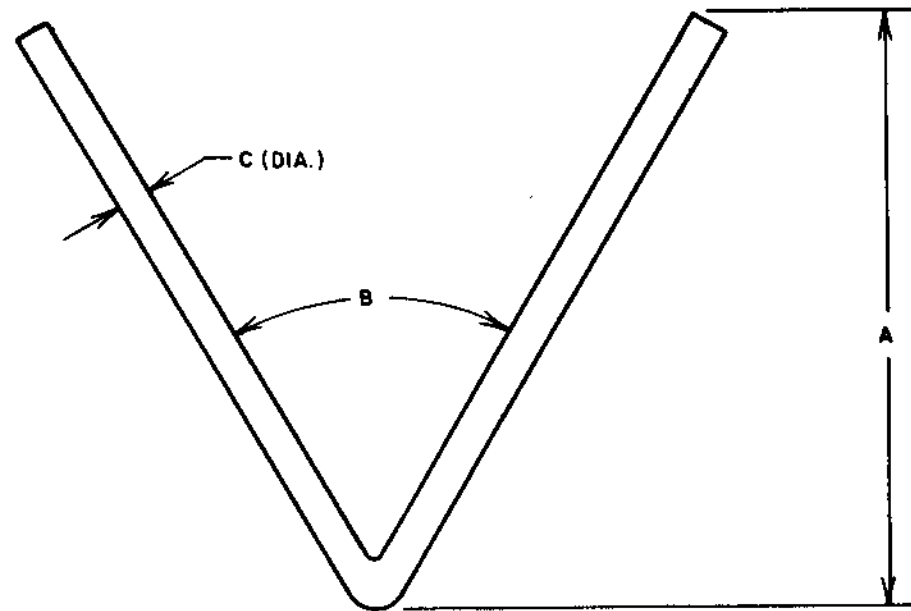
NO	A	B	C	D	E	F
-1	7/16	5/16	1-3/8	3/4	5-3/4	3/16
-2	7/16	5/16	1-3/8	1	5-3/4	3/16
-3	7/16	5/16	1-3/8	1-1/2	5-3/4	3/16
-4	7/16	5/16	1-3/8	2	5-3/4	3/16
-5	7/16	5/16	1-3/8	2-1/4	5-3/4	3/16
-6	1/2	1/2	1-1/2	2-1/2	6	3/16
-7	1/2	1/2	2-1/4	3	7	3/16
-8	1/2	1/2	1-1/2	3-1/2	6	3/16
-9	1/2	1/2	2-1/4	3-1/2	7-3/4	3/16
-10	3/4	3/4	2	3-3/4	8	3/16
-11	1/2	1/2	2-1/4	4-1/2	8	3/16
-12	3/4	3/4	2-1/4	5	9-15/16	3/16
-13	3/4	3/4	2	3-3/4	8	1/4
-14	3/4	3/4	2	4	8	1/4
-15	3/4	3/4	2-1/2	4-1/2	8-1/2	1/4
-16	3/4	3/4	4	6	11-1/2	5/16



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AR-731

NO	A	B	C
-1	1	60°	3/16
-2	1-1/2	60°	3/16
-3	2	60°	3/16
-4	3	60°	3/16
-5	4	60°	3/16
-6	5	60°	3/16
-7	6	60°	3/16



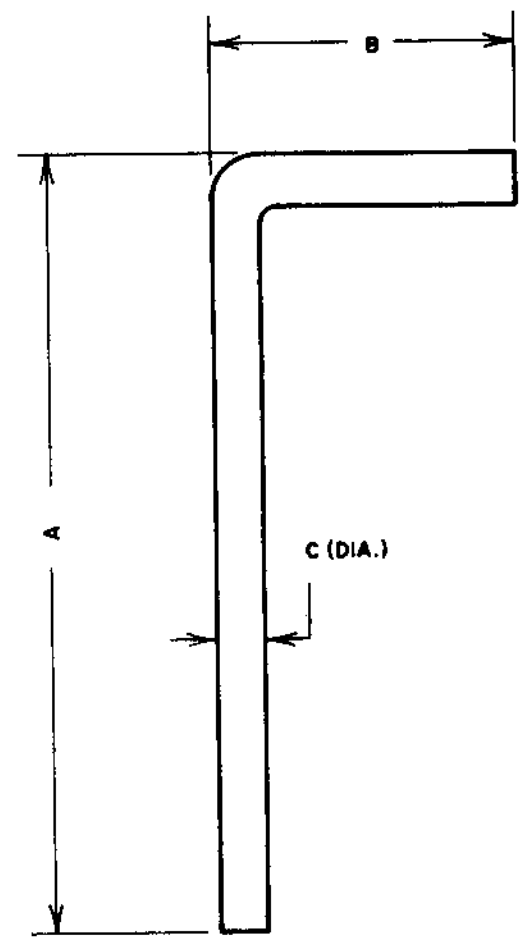
ALPHA STUD WELD INC.

HOUSTON, TX. 77040 713-460-5118 FAX 713-460-8786 800-468-5118

AR-732

NO.	A	B	C	NO.	A	B	C
-1	1	1-1/2	3/16	-16	8-1/2	1-1/2	3/16
-2	1-1/2	1-1/2	3/16	-17	9	1-1/2	3/16
-3	1-3/4	1-1/2	3/16	-18	9-1/2	1-1/2	3/16
-4	2	1-1/2	3/16	-19	1	1-1/2	1/4
-5	2-1/2	1-1/2	3/16	-20	1-1/2	1-1/2	1/4
-6	3	1-1/2	3/16	-21	1-3/4	1-1/2	1/4
-7	4	1-1/2	3/16	-22	2	1-1/2	1/4
-8	4-1/2	1-1/2	3/16	-23	2-1/2	1-1/2	1/4
-9	5	1-1/2	3/16	-24	3	1-1/2	1/4
-10	5-1/2	1-1/2	3/16	-25	4	1-1/2	1/4
-11	6	1-1/2	3/16	-26	4-1/2	1-1/2	1/4
-12	6-1/2	1-1/2	3/16	-27	5	1-1/2	1/4
-13	7	1-1/2	3/16	-28	5-1/2	1-1/2	1/4
-14	7-1/2	1-1/2	3/16	-29	6	1-1/2	1/4
-15	7-3/4	1-1/2	3/16	-30	6-1/2	1-1/2	1/4

NO.	A	B	C
-31	7	1-1/2	1/4
-32	7-1/2	1-1/2	1/4
-33	7-3/4	1-1/2	1/4
-34	8-1/2	1-1/2	1/4
-35	9	1-1/2	1/4
-36	9-1/2	1-1/2	1/4

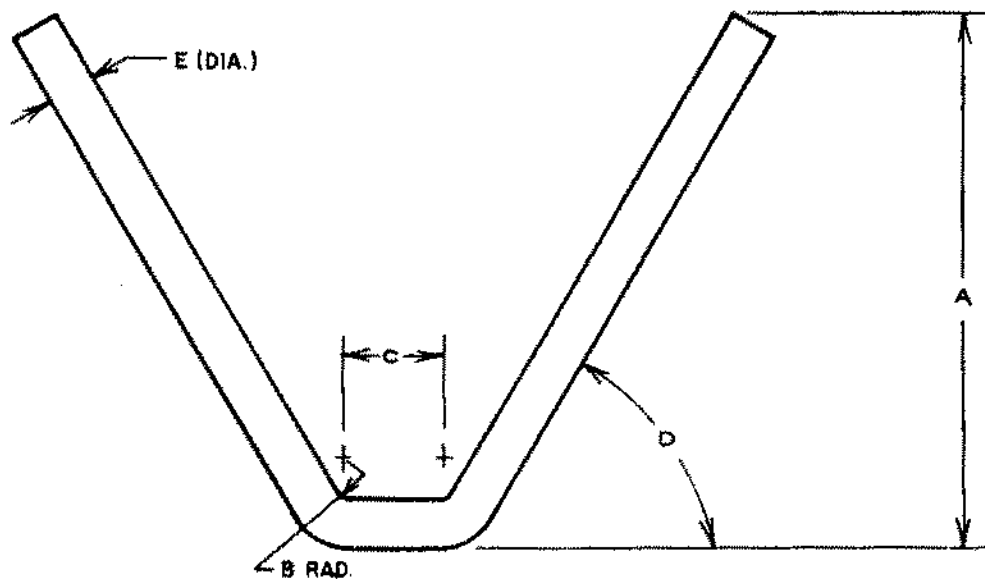


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AR-733

NO.	A	B	C	D	E
-1	2	3/4	3/4	60°	1/8
-2	3	3/4	3/4	60°	1/8
-3	6-1/2	3/4	3/4	60°	1/8
-4	1-1/2	3/4	3/4	60°	3/16
-5	2	3/4	3/4	60°	3/16
-6	2-1/4	3/4	3/4	60°	3/16
-7	2-3/4	3/4	3/4	60°	3/16
-8	3-3/4	3/4	3/4	60°	3/16
-9	4-1/2	3/4	3/4	60°	3/16
-10	5-1/2	3/4	3/4	60°	3/16
-11	6-1/2	3/4	3/4	60°	3/16
-12	1-1/2	3/4	3/4	60°	1/4
-13	2-1/4	3/4	3/4	60°	1/4
-14	2-3/4	3/4	3/4	60°	1/4
-15	3-3/4	3/4	3/4	60°	1/4

NO.	A	B	C	D	E
-16	4-1/2	3/4	3/4	60°	1/4
-17	5-1/2	3/4	3/4	60°	1/4
-18	6-1/2	3/4	3/4	60°	1/4

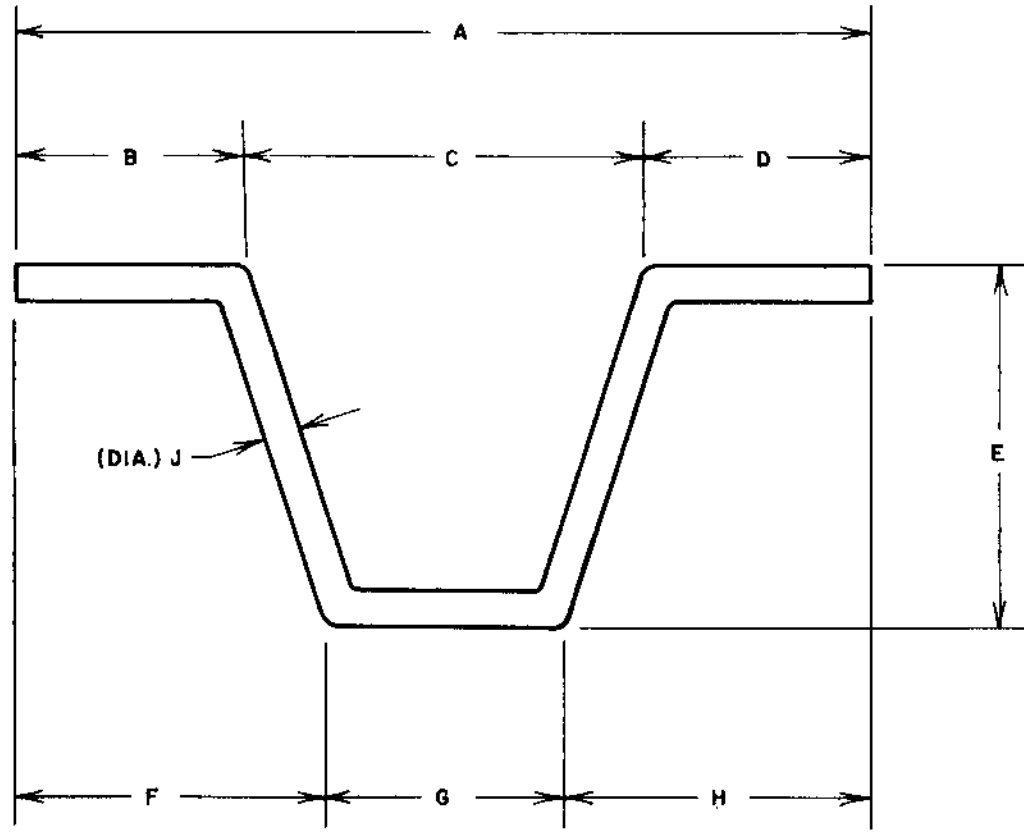


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AR-734

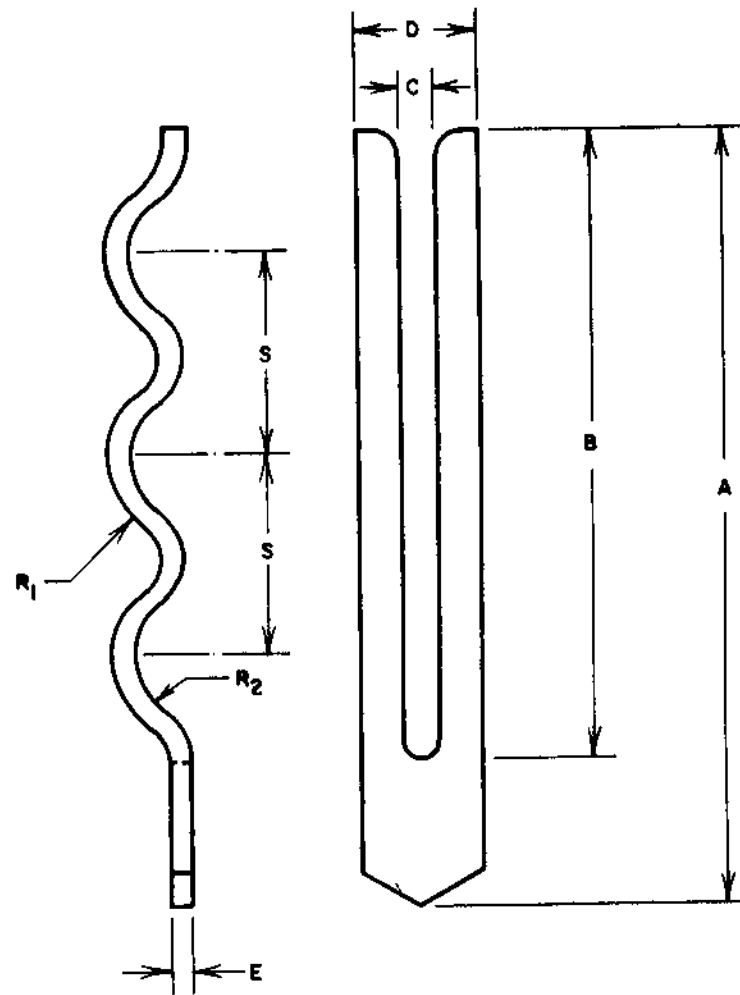
NO.	A	B	C	D	E	F	G	H	J
-1	6	1-1/2	3	1-1/2	2-1/4	2-1/4	1-1/2	2-1/4	3/16
-2	6	1-1/2	3	1-1/2	3-1/4	2-1/4	1-1/2	2-1/4	3/16
-3	6	1-1/2	3	1-1/2	3-1/2	2-1/4	1-1/2	2-1/4	3/16
-4	6	1-1/2	3	1-1/2	5	2-1/4	1-1/2	2-1/4	3/16
-5	6	1-1/2	3	1-1/2	6-1/4	2-1/4	1-1/2	2-1/4	3/16
-6	6	1-1/2	3	1-1/2	8-1/2	2-1/4	1-1/2	2-1/4	3/16
-7	7	1-3/4	3-1/2	1-3/4	3-1/2	2-3/4	1-1/2	2-3/4	3/16



ALPHA STUD WELD INC.
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AR-735

NO.	A	B	C	D	E	R ₁	R ₂	S
-1	4-1/8	3-1/4	5/32	5/8	1/8	3/16	9/32	1-1/32
-2	6-1/8	3-1/4	5/32	5/8	1/8	3/16	9/32	1-1/32
-3	7-1/8	3-1/4	5/32	5/8	1/8	3/16	9/32	1-1/32
-4	5-1/2	4-5/8	5/32	5/8	1/8	3/16	9/32	1-1/32
-5	7-1/2	4-5/8	5/32	5/8	1/8	3/16	9/32	1-1/32
-6	8-1/2	4-5/8	5/32	5/8	1/8	3/16	9/32	1-1/32
-7	6-7/8	6	5/32	5/8	1/8	3/16	9/32	1-1/32
-8	8-7/8	6	5/32	5/8	1/8	3/16	9/32	1-1/32
-9	9-7/8	6	5/32	5/8	1/8	3/16	9/32	1-1/32

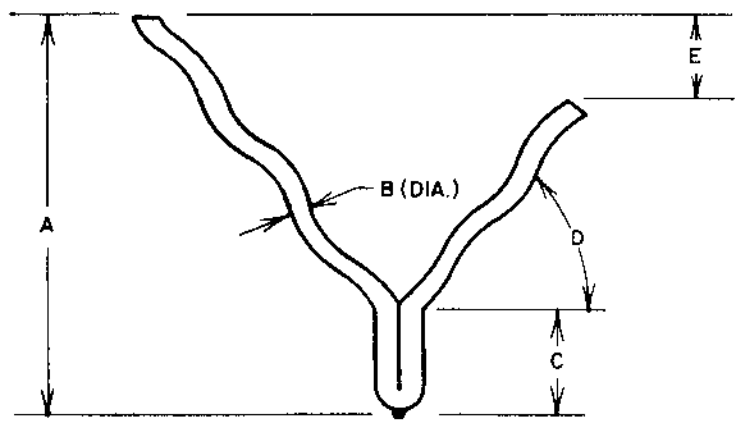


ALPHA STUD WELD INC.

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AR-736

NO.	A	B	C	D	E
-1	2	1/4	3/4	50°	1/2
-2	2-5/8	1/4	3/4	50°	1/2
-3	3-1/8	1/4	3/4	50°	1/2
-4	3-5/8	1/4	3/4	50°	1/2
-5	4-1/8	1/4	3/4	50°	1/2
-6	5	1/4	3/4	50°	1/2
-7	5-1/8	1/4	3/4	50°	1/2
-8	7-1/8	1/4	3/4	50°	1/2
-9	2-5/8	5/16	3/4	50°	1/2
-10	3-1/8	5/16	3/4	50°	1/2
-11	3-5/8	5/16	3/4	50°	1/2
-12	4-1/8	5/16	3/4	50°	1/2
-13	4-5/8	5/16	3/4	50°	1/2
-14	5-1/8	5/16	3/4	50°	1/2
-15	7-1/8	5/16	3/4	50°	1/2

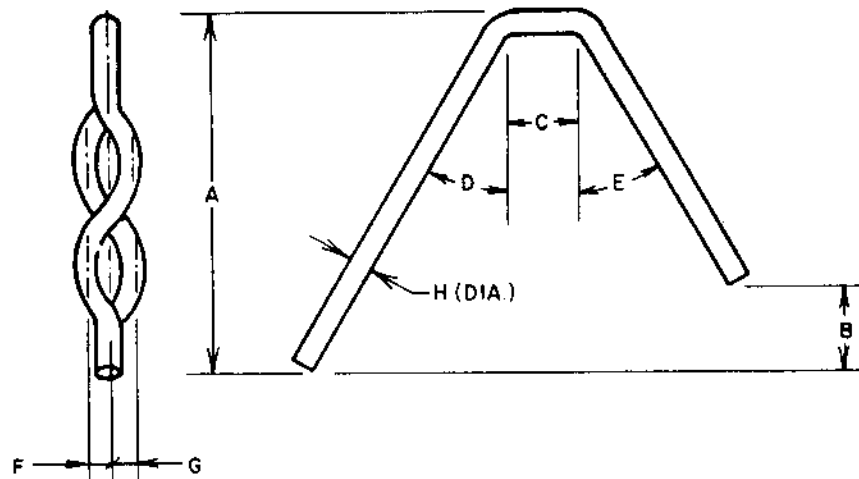


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AR-737

NO.	A	B	C	D	E	F	G	H
-1	1-1/4	1/2	3/4	30°	30°	3/16	3/16	3/16
-2	2-1/4	1/2	3/4	30°	30°	3/16	3/16	3/16
-3	2-3/4	1/2	3/4	30°	30°	3/16	3/16	3/16
-4	3-3/4	1/2	3/4	30°	30°	3/16	3/16	3/16
-5	4-3/4	1/2	3/4	30°	30°	3/16	3/16	3/16
-6	5-3/4	1/2	3/4	30°	30°	3/16	3/16	3/16
-7	6-3/4	1/2	3/4	30°	30°	3/16	3/16	3/16
-8	1-1/4	1/2	3/4	30°	30°	3/16	3/16	1/4
-9	2-1/4	1/2	3/4	30°	30°	3/16	3/16	1/4
-10	2-3/4	1/2	3/4	30°	30°	3/16	3/16	1/4
-11	3-3/4	1/2	3/4	30°	30°	3/16	3/16	1/4
-12	4-3/4	1/2	3/4	30°	30°	3/16	3/16	1/4
-13	5-3/4	1/2	3/4	30°	30°	3/16	3/16	1/4
-14	6-3/4	1/2	3/4	30°	30°	3/16	3/16	1/4

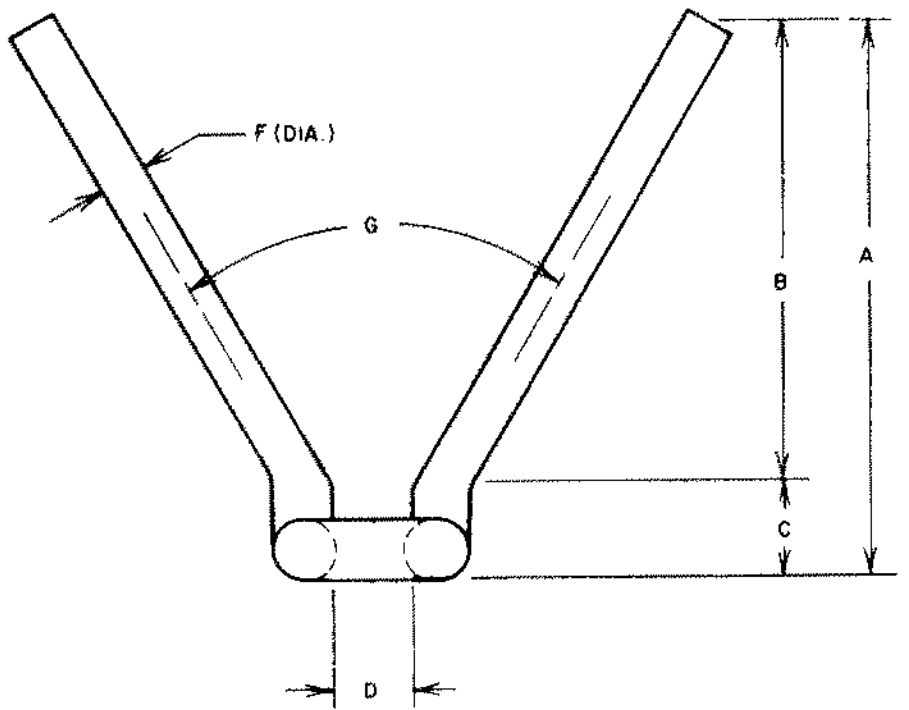
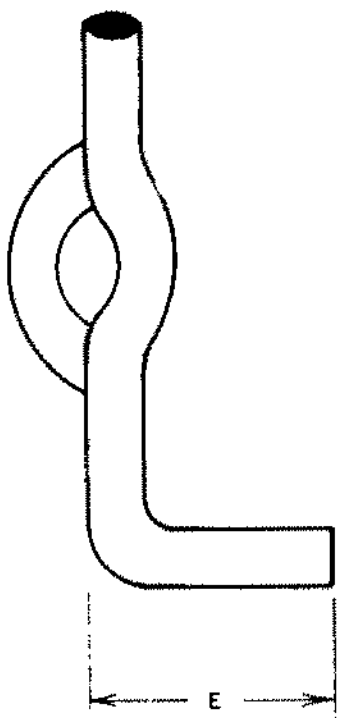


ALPHA STUD WELD INC.

HOUSTON, TX. 77040 713-460-5118 FAX 713-460-8786 800-468-5118

AR-738

NO.	A	B	C	D	E	F	G
-1	2 5/8	2 1/8	1/2	.406	1-1/4	1/4	60°
-2	3 1/8	2 5/8	1/2	.406	1-1/4	1/4	60°
-3	4 1/8	3 1/8	1	.406	1-1/4	1/4	60°
-4	5 1/8	4 1/8	1	.406	1-1/4	1/4	60°
-5	6 1/8	5 1/8	1	.406	1-1/4	1/4	60°
-6	2 1/8	2 1/8		.406	1-1/4	5/16	60°
-7	2 1/2	2	1/2	.406	1-1/4	5/16	60°
-8	2 5/8	2 5/8		.406	1-1/4	5/16	60°
-9	3 1/8	3 1/8		.406	1-1/4	5/16	60°
-10	3 5/8	3 5/8	1	.406	1-1/4	5/16	60°
-11	3	2 1/2	1/2	.406	1-1/4	5/16	60°
-12	3 1/2	2 1/2	1	.406	1-1/4	5/16	60°
-13	4	3	1	.406	1-1/4	5/16	60°
-14	5 1/8	4 1/8	1	.406	1-1/4	5/16	60°
-15	6 1/8	5 1/8	1	.406	1-1/4	5/16	60°

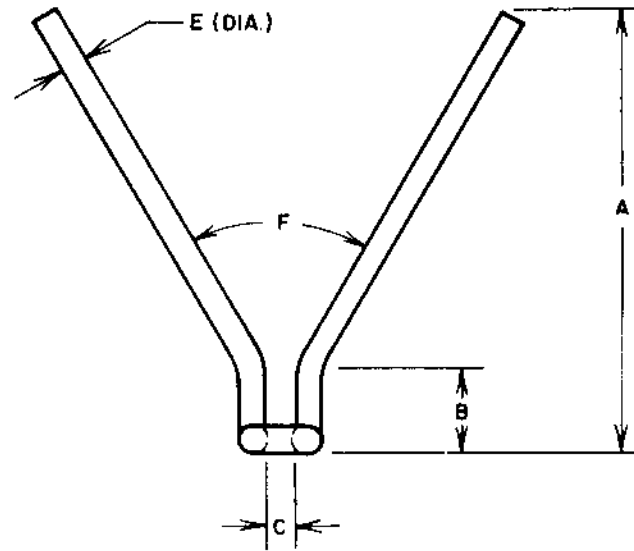
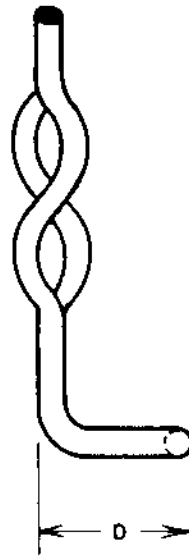


ALPHA STUD WELD INC.

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AR-739

NO.	A	B	C	D	E	F
-1	5-1/8	1	.406	1-1/4	1/4	60°
-2	7-1/8	3-1/8	.406	1-1/4	1/4	60°
-3	4-1/4	3/4	.406	1-1/4	5/16	60°
-4	5	1	.406	1-1/4	5/16	60°
-5	6	2	.406	1-1/4	5/16	60°
-6	6	1	.406	1-1/4	5/16	60°
-7	7	3	.406	1-1/4	5/16	60°
-8	8	3	.406	1-1/4	5/16	60°
-9	8	4	.406	1-1/4	5/16	60°
-10	9	4	.406	1-1/4	5/16	60°
-11	10	5	.406	1-1/4	5/16	60°
-12	10	6	.406	1-1/4	5/16	60°
-13	11	6	.406	1-1/4	5/16	60°
-14	12	7	.406	1-1/4	5/16	60°

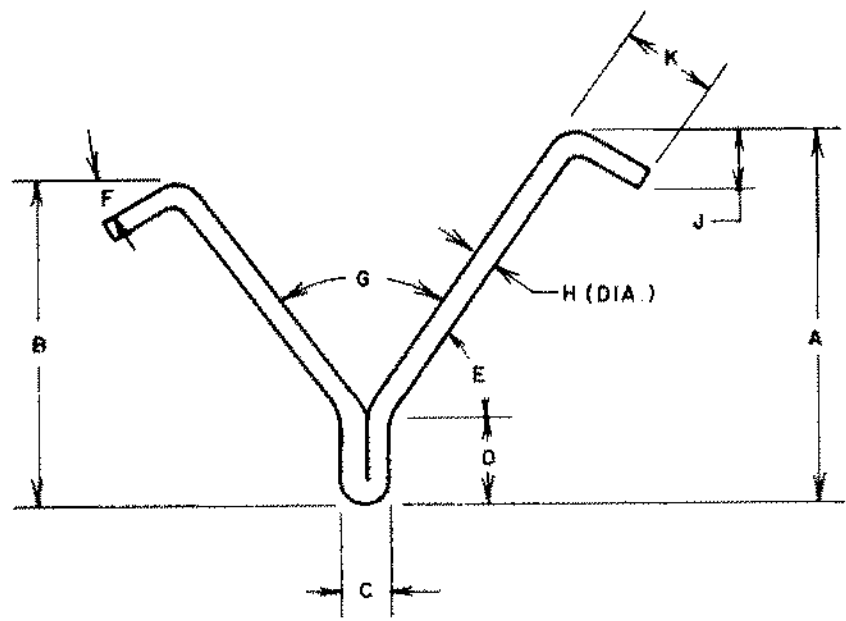


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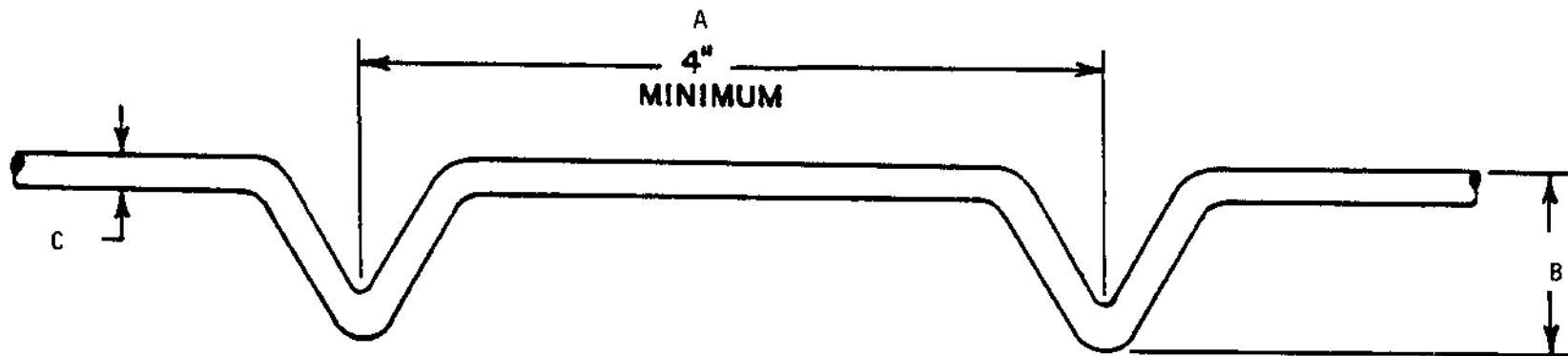
AR-740

NO.	A	B	C	D	E	F	G	H	J	K
-1	1 5/8	1 3/8	3/8	3/4	54°	30°	72°	3/16	9/16	15/16
-2	2 1/8	1 7/8	3/8	3/4	54°	30°	72°	3/16	9/16	15/16
-3	2 5/8	2 3/8	3/8	3/4	54°	30°	72°	3/16	9/16	15/16
-4	3 1/8	2 7/8	3/8	3/4	54°	30°	72°	3/16	9/16	15/16
-5	3 5/8	3 3/8	3/8	3/4	54°	30°	72°	3/16	9/16	15/16
-6	4 1/8	3 7/8	3/8	3/4	54°	30°	72°	3/16	9/16	15/16
-7	4 5/8	4 3/8	3/8	3/4	54°	30°	72°	3/16	9/16	15/16
-8	5 1/8	4 7/8	3/8	3/4	54°	30°	72°	3/16	9/16	15/16
-9	7 1/8	6 7/8	3/8	3/4	54°	30°	72°	3/16	9/16	15/16
-10	9 1/8	8 7/8	3/8	3/4	54°	30°	72°	3/16	9/16	15/16



ALPHA STUD WELD INC.
 HOUSTON, TX. 77040 713-460-5118 FAX 713-460-8786 800-468-5118

AR-741



B= 3/4", 1", 1 1/4" or 1 1/2" STANDARD

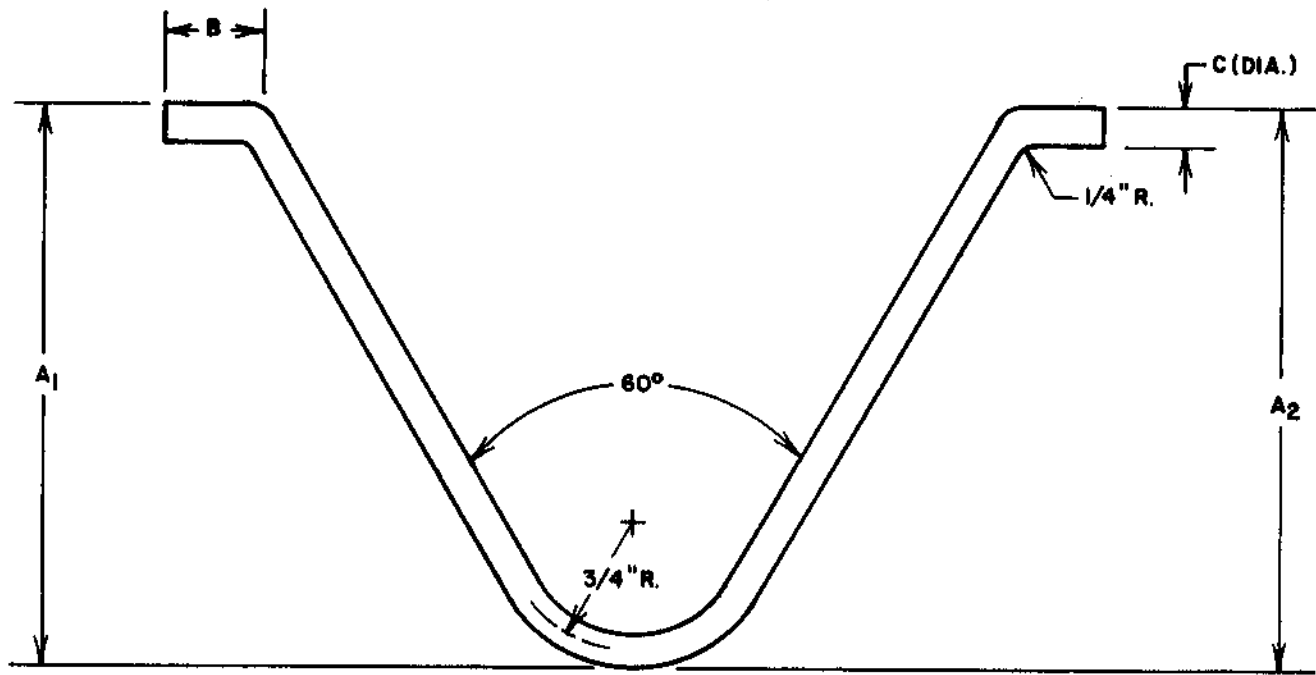
C= 3/16" or 1/4"

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AR-742

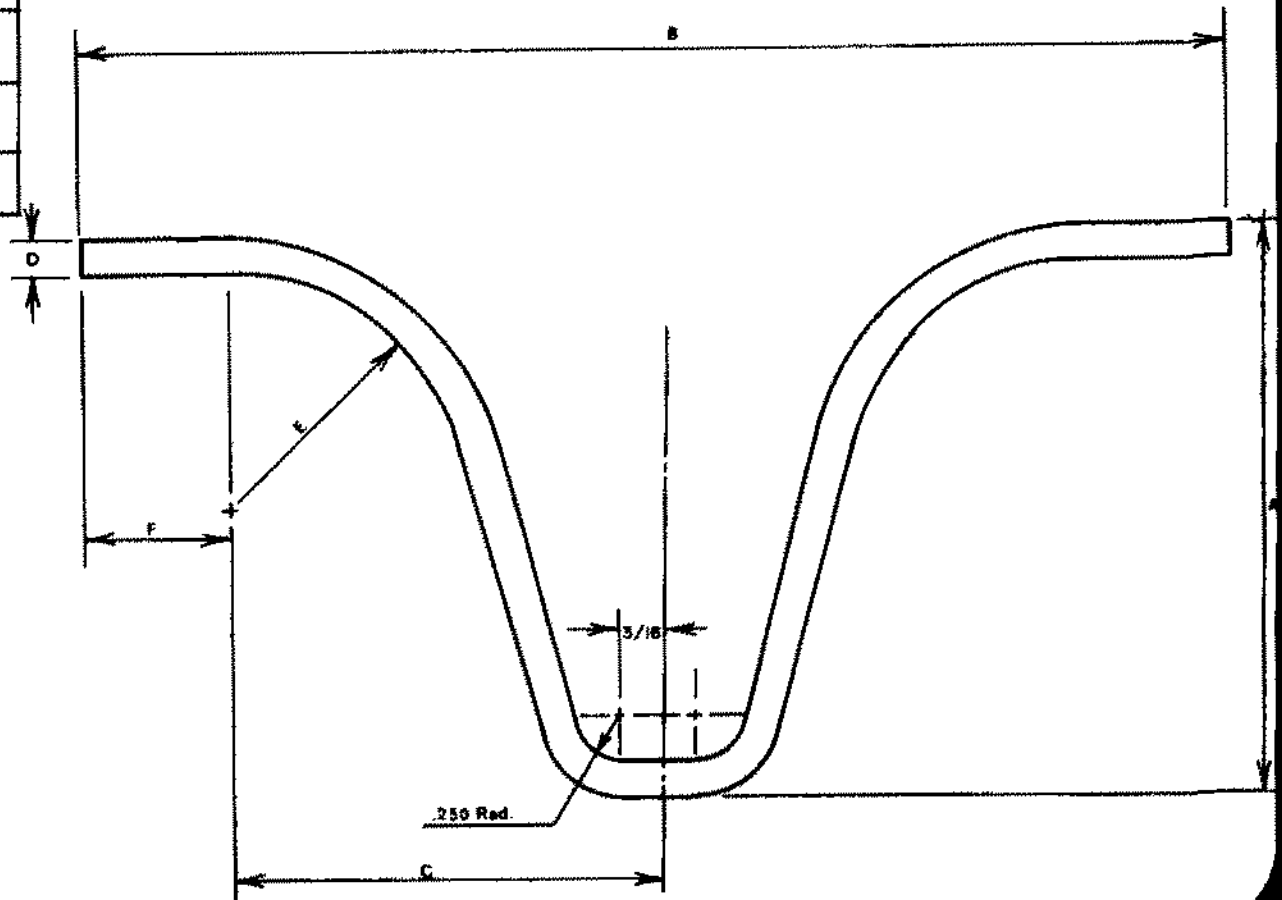
NO.	A ₁	A ₂	B	C
-1	2	2	1/2	3/16
-2	2	4	1	3/16
-3	3	3	1	3/16
-4	3	5	1	3/16
-5	4	4	1	3/16
-6	4	6	1	3/16
-7	5	5	1	3/16
-8	5	7	1	3/16
-9	6	6	1	3/16



ALPHA STUD WELD INC.
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AR-744

NO.	A	B	C	D	E	F
-1	3-1/2	6	2-1/4	3/16	1-1/4	3/4
-2	4	6	2-1/4	3/16	1-1/4	3/4
-3	4-1/2	6	2-1/4	3/16	1-1/4	3/4
-4	5	6	2-1/4	3/16	1-1/4	3/4
-5	5-1/2	6	2-1/4	3/16	1-1/4	3/4
-6	6	6	2-1/4	3/16	1-1/4	3/4

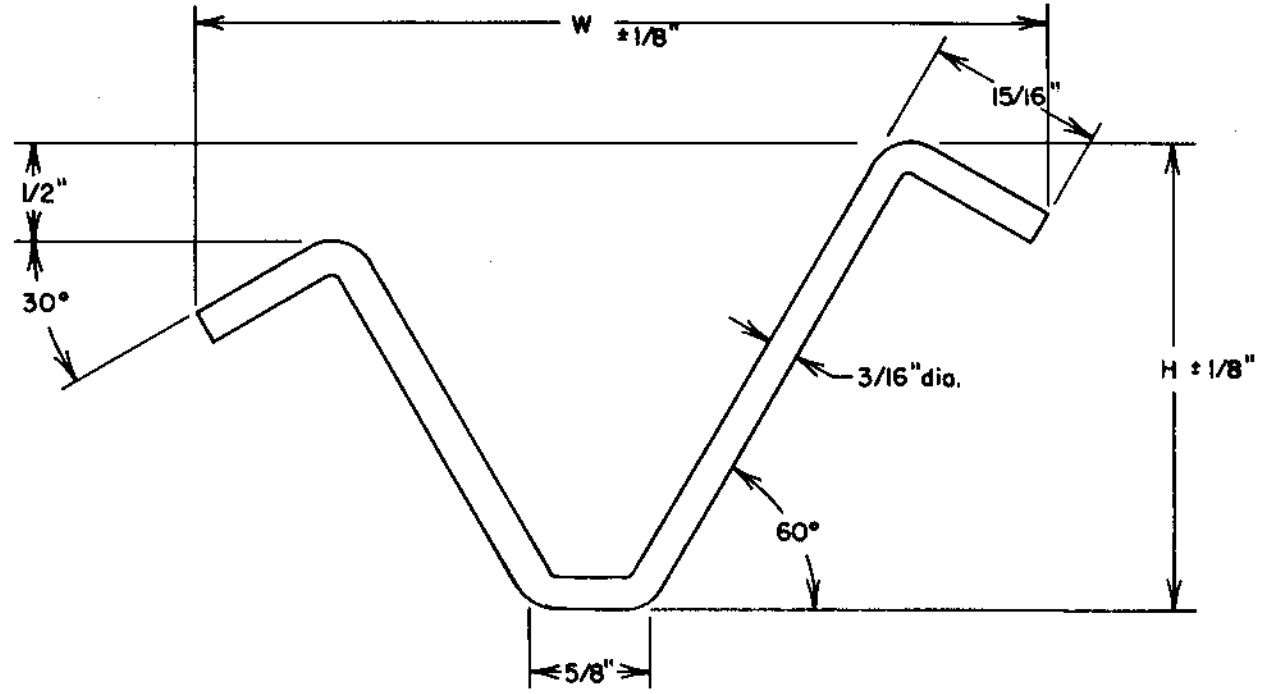


ALPHA STUD WELD INC.

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AR-745

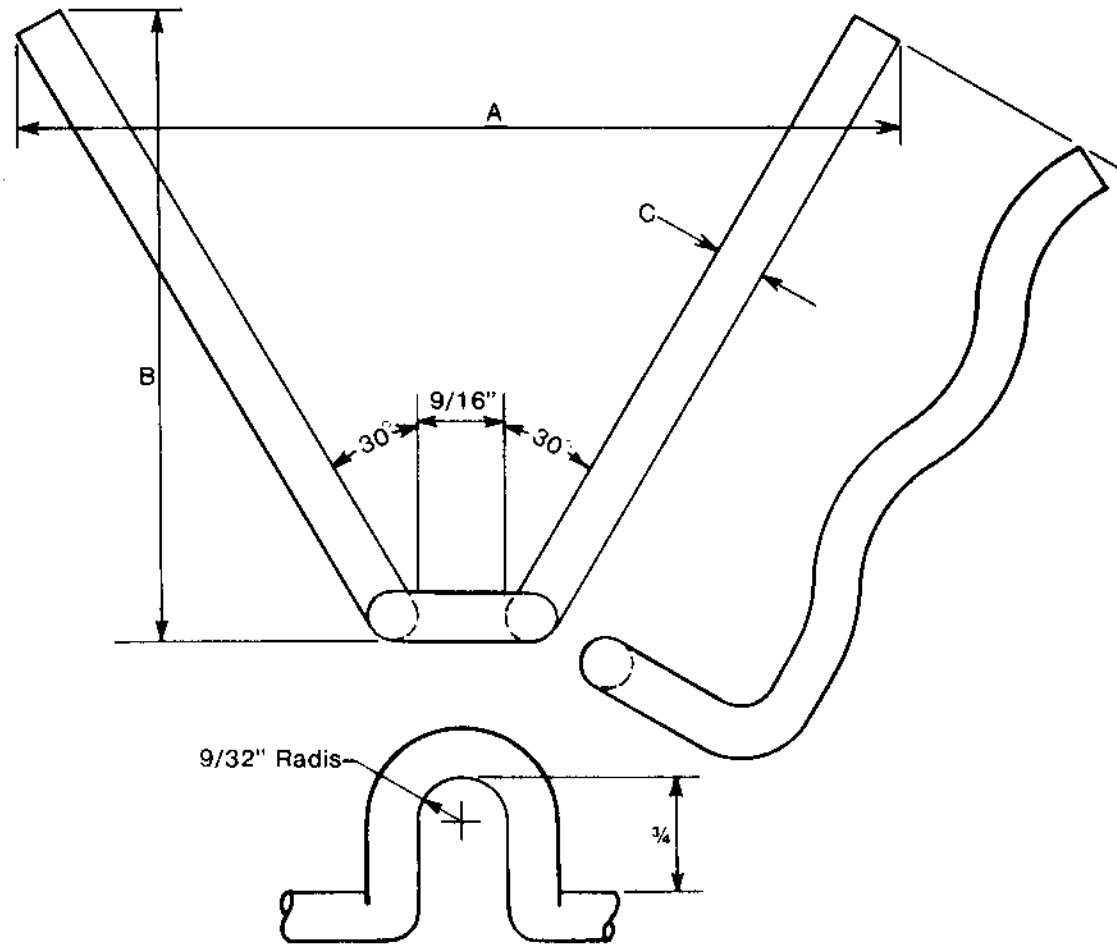
NO.	H	W
-1	2	3-1/2
-2	2-1/2	4-1/4
-3	3	5
-4	3-1/2	5-3/4
-5	4	6-1/2
-6	4-1/2	7-1/4
-7	5	8
-8	5-1/2	8-3/4
-9	6	9-1/2
-10	6-1/2	10-1/4
-11	7	11
-12	7-1/2	11-3/4
-13	8	12-1/2
-14	8-1/2	13-1/4
-15	9	14



ALPHA STUD WELD Inc.
 HOUSTON, TX. 77040 713-460-5118 FAX 713-460-8786 800-468-5118

AR-746

No.	A	B	C
-1	3 3/8	3	5/16
-2	4 1/2	4	5/16
-3	5 11/16	5	5/16
-4	6 13/16	6	5/16
-5	8	7	5/16

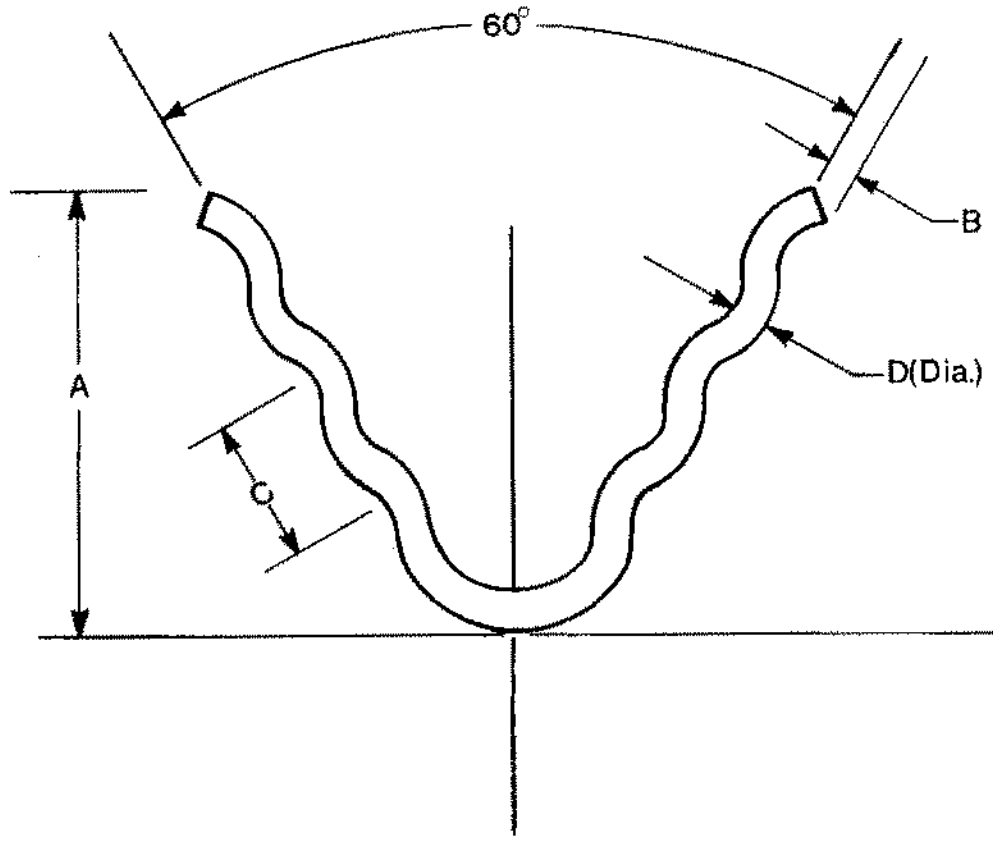


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AR-747

No.	A	B	C	D
-1	1 1/4	3/16	3/4	3/16
-2	1 1/4	3/16	3/4	3/16
-3	2 1/4	3/16	3/4	3/16
-4	2 1/4	3/16	3/4	3/16
-5	3 1/4	3/16	3/4	3/16

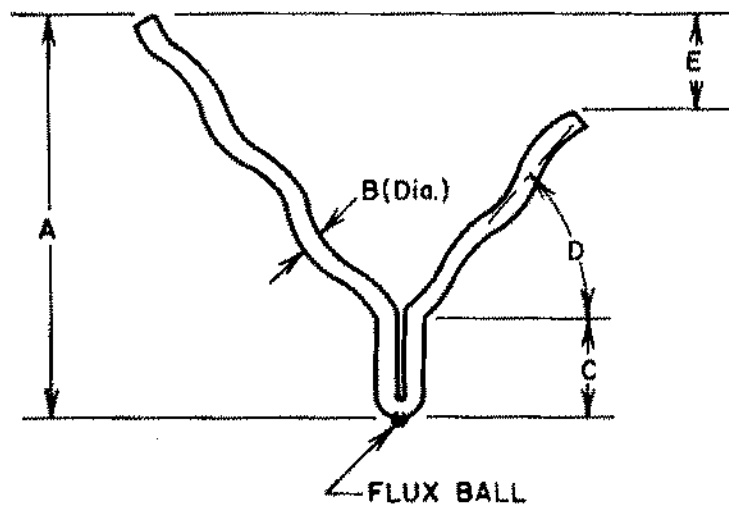


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AR-748

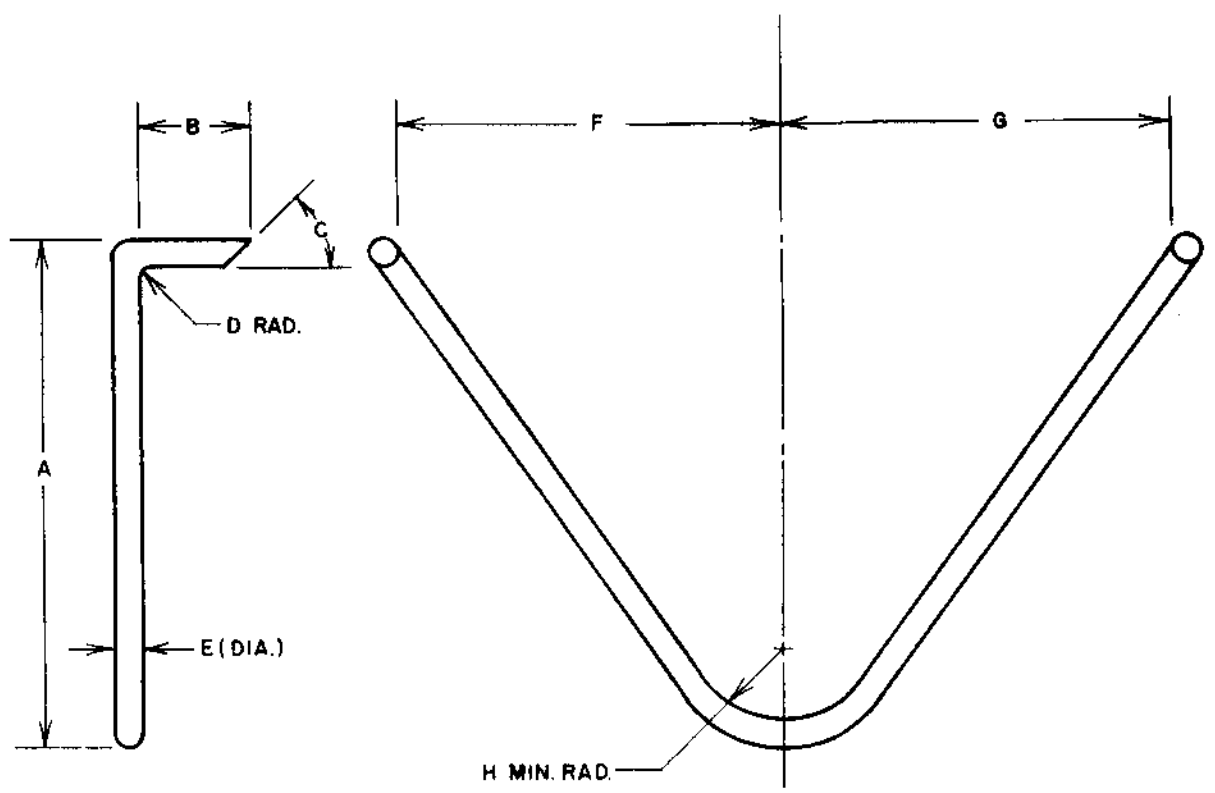
NO.	A	B	C	D	E
-1	2	1/4	3/4	50°	1/2
-2	2-5/8	1/4	3/4	50°	1/2
-3	3-1/8	1/4	3/4	50°	1/2
-4	3-5/8	1/4	3/4	50°	1/2
-5	4-1/8	1/4	3/4	50°	1/2
-6	5	1/4	3/4	50°	1/2
-7	5-1/8	1/4	3/4	50°	1/2
-8	7-1/8	1/4	3/4	50°	1/2
-9	2-5/8	5/16	3/4	50°	1/2
-10	3-1/8	5/16	3/4	50°	1/2
-11	3-5/8	5/16	3/4	50°	1/2
-12	4-1/8	5/16	3/4	50°	1/2
-13	4-5/8	5/16	3/4	50°	1/2
-14	5-1/8	5/16	3/4	50°	1/2
-15	7-1/8	5/16	3/4	50°	1/2



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AR-805-F

NO.	A	B	C	D	E	F	G	H
-1	1-1/2	3/4	45°	1/8	1/8	2-1/4	2-1/4	5/8
-2	2-1/4	3/4	45°	1/8	1/8	2-1/4	2-1/4	5/8
-3	3-1/4	3/4	45°	1/8	1/8	2-1/4	2-1/4	5/8
-4	4-1/4	3/4	45°	1/8	1/8	2-1/4	2-1/4	5/8
-5	5-1/4	3/4	45°	1/8	1/8	2-1/4	2-1/4	5/8
-6	3-5/16	7/8	45°	1/8	1/8	2-1/4	2-1/4	5/8
-7	4-11/16	7/8	45°	1/8	1/8	2-1/4	2-1/4	5/8

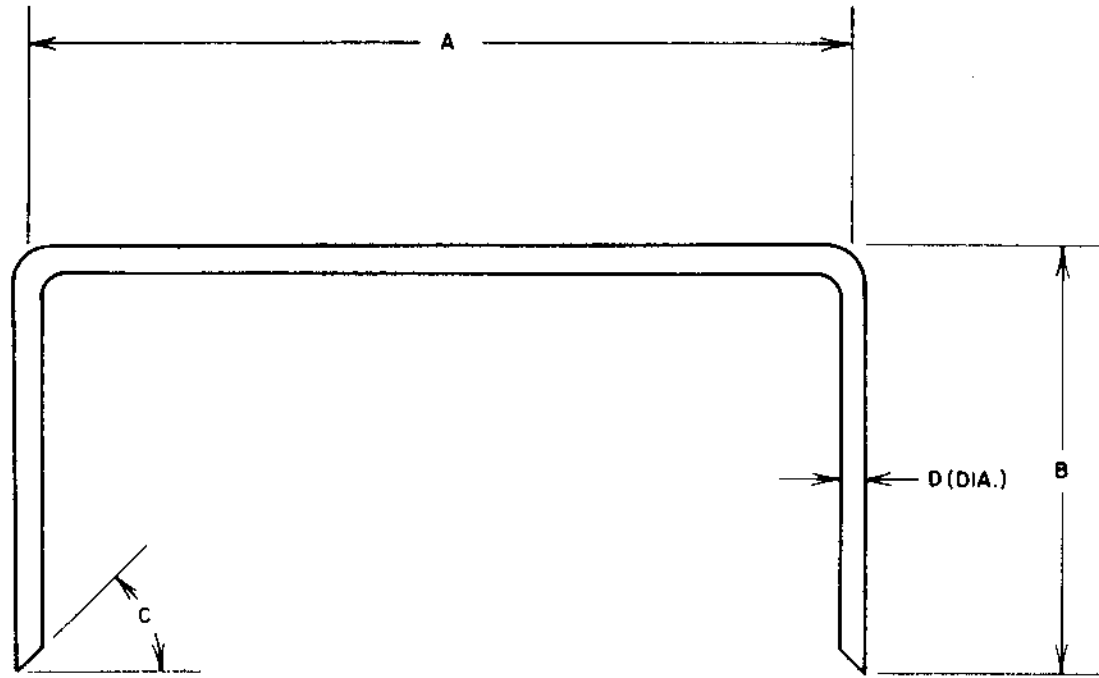


ALPHA STUD WELD INC.

HOUSTON, TX. 77040 713-460-5118 FAX 713-460-8786 800-468-5118

AR-611

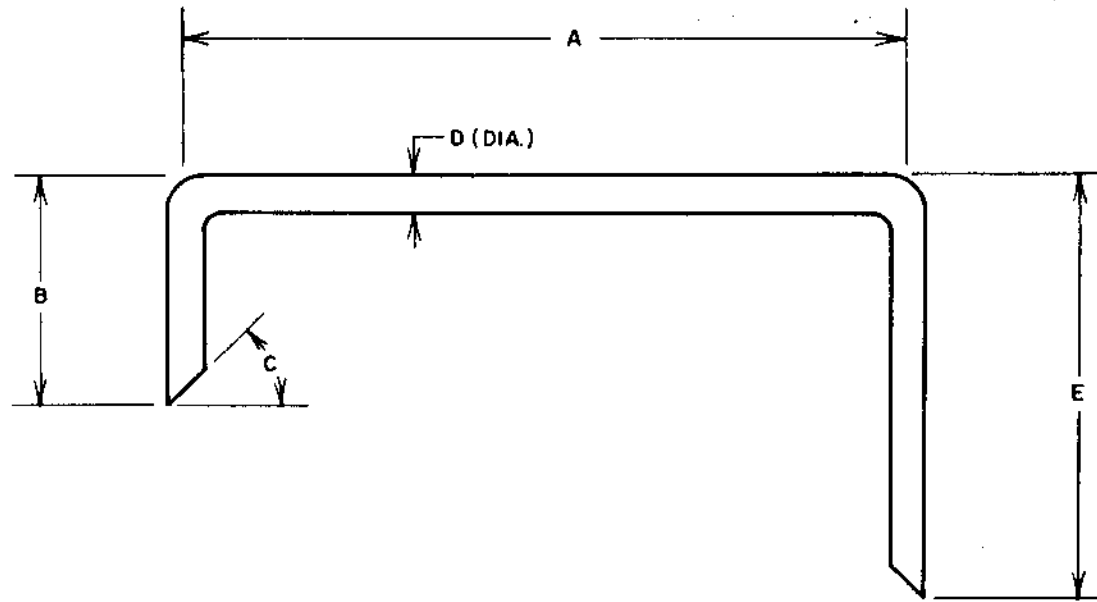
NO.	A	B	C	D
-1	2-1/2	2-1/4	45°	1/8
-2	4-1/2	2-1/4	45°	1/8



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AR-612

NO.	A	B	C	D	E
-1	3	1-1/4	45°	3/16	2-1/4
-2	4	1-1/4	45°	3/16	2-1/4
-3	5	1-1/4	45°	3/16	2-1/4
-4	5-1/2	1-1/4	45°	3/16	2-1/4

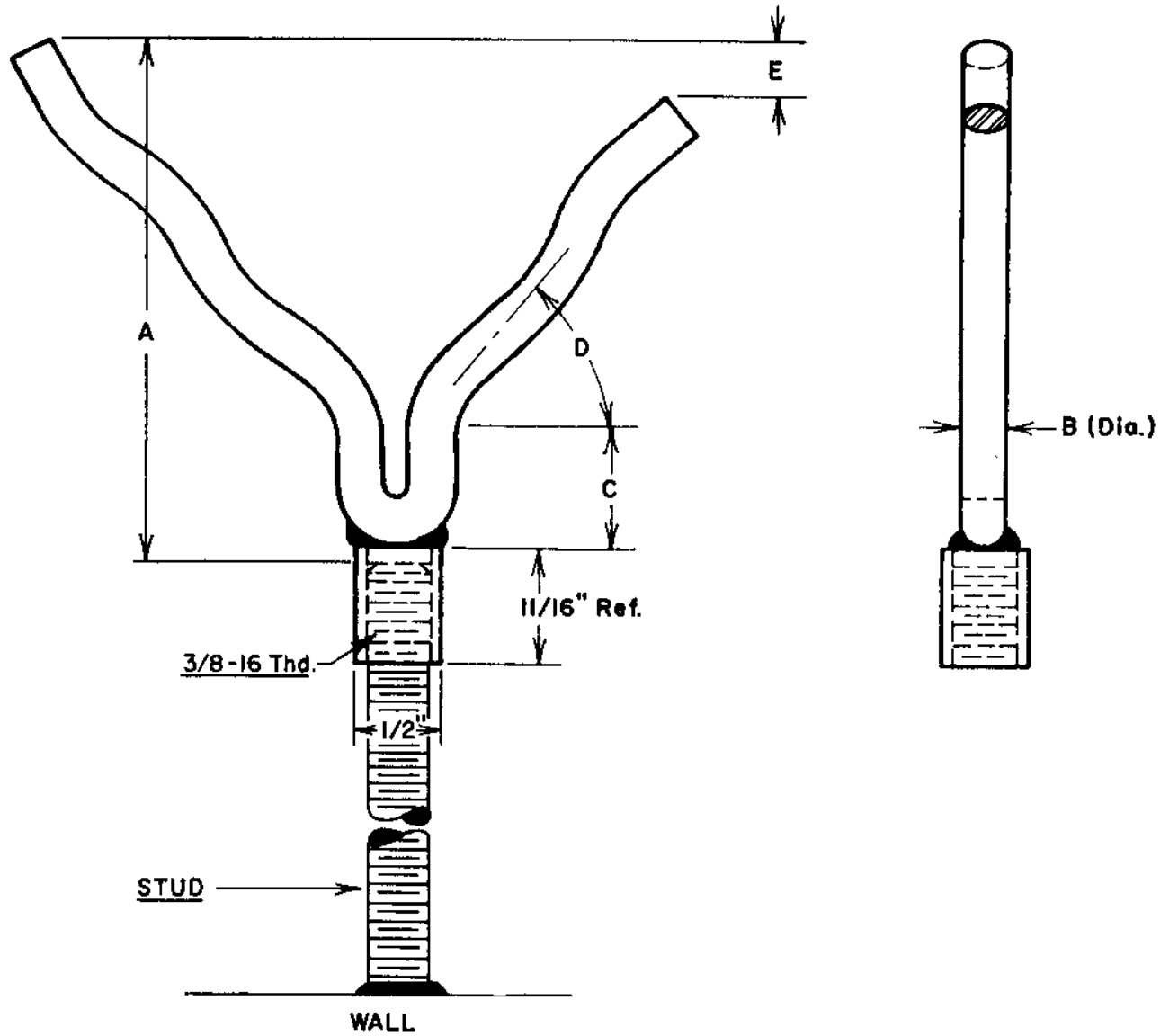


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AR-613

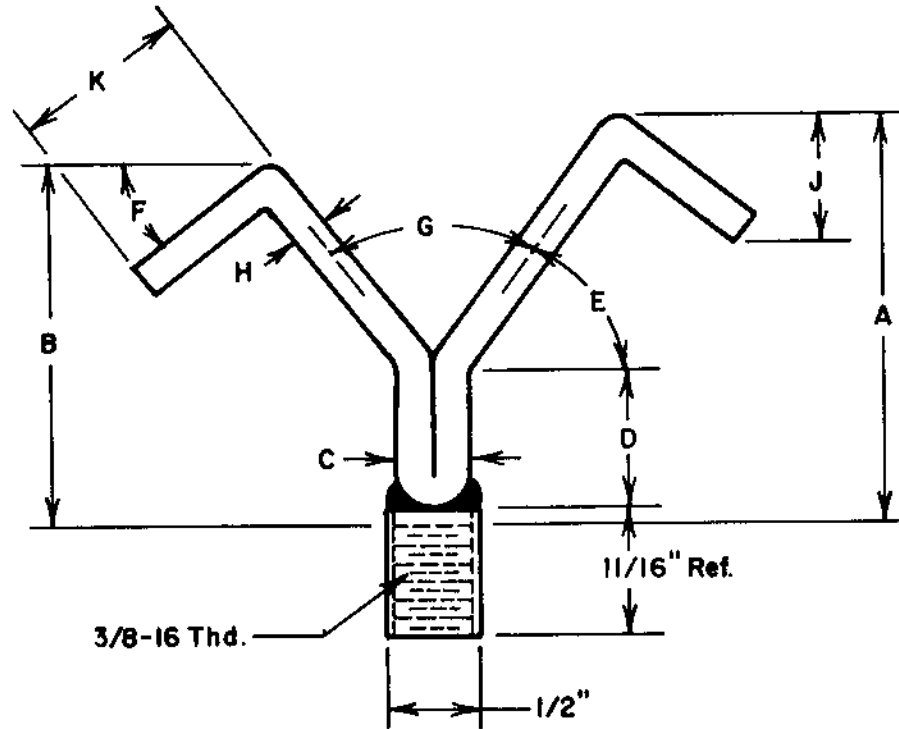
NO.	A	B	C	D	E
-1	2	1/4	3/4	50°	1/2
-2	2-5/8	1/4	3/4	50°	1/2
-3	3-1/8	1/4	3/4	50°	1/2
-4	3-5/8	1/4	3/4	50°	1/2
-5	4-1/8	1/4	3/4	50°	1/2
-6	5	1/4	3/4	50°	1/2
-7	5-1/8	1/4	3/4	50°	1/2
-8	7-1/8	1/4	3/4	50°	1/2
-9	2-5/8	5/16	3/4	50°	1/2
-10	3-1/8	5/16	3/4	50°	1/2
-11	3-5/8	5/16	3/4	50°	1/2
-12	4-1/8	5/16	3/4	50°	1/2
-13	4-5/8	5/16	3/4	50°	1/2
-14	5-1/8	5/16	3/4	50°	1/2
-15	7-1/8	5/16	3/4	50°	1/2



ALPHA STUD WELD INC.
 HOUSTON, TX. 77040 713-460-5118 FAX 713-460-8786 800-468-5118

AR-80I-TB

NO.	A	B	C	D	E	F	G	H	J	K
-1	1-5/8	1-3/8	3/8	3/4	54°	30°	72°	3/16	9/16	15/16
-2	2-1/8	1-7/8	3/8	3/4	54°	30°	72°	3/16	9/16	15/16
-3	2-5/8	2-3/8	3/8	3/4	54°	30°	72°	3/16	9/16	15/16
-4	3-1/8	2-7/8	3/8	3/4	54°	30°	72°	3/16	9/16	15/16
-5	3-5/8	3-3/8	3/8	3/4	54°	30°	72°	3/16	9/16	15/16
-6	4-1/8	3-7/8	3/8	3/4	54°	30°	72°	3/16	9/16	15/16
-7	4-5/8	4-3/8	3/8	3/4	54°	30°	72°	3/16	9/16	15/16
-8	5-1/8	4-7/8	3/8	3/4	54°	30°	72°	3/16	9/16	15/16
-9	7-1/8	6-7/8	3/8	3/4	54°	30°	72°	3/16	9/16	15/16
-10	9-1/8	8-7/8	3/8	3/4	54°	30°	72°	3/16	9/16	15/16

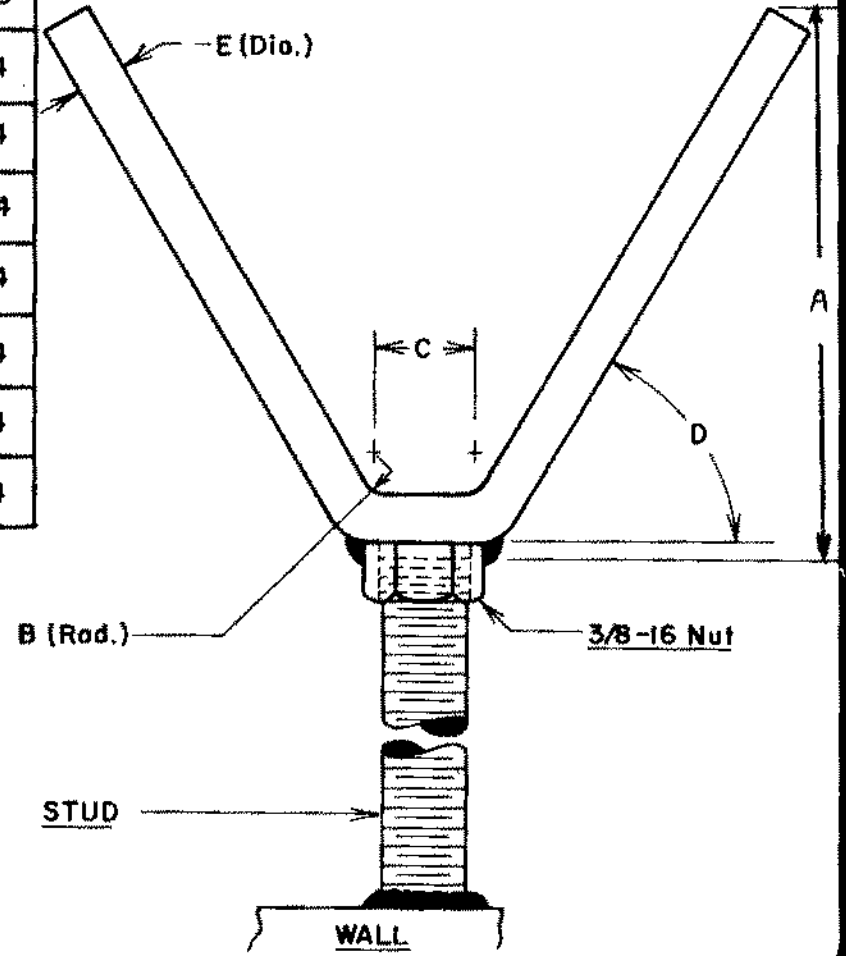


ALPHA STUD WELD INC.

HOUSTON, TX. 77040 713-460-5118 FAX 713-460-8786 800-468-5118

AR-802-TB

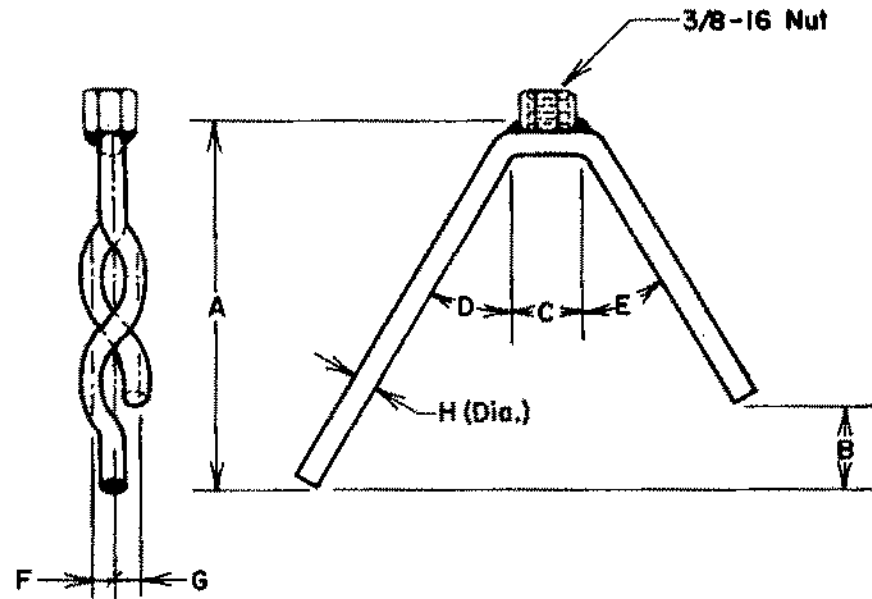
NO.	A	B	C	D	E	NO.	A	B	C	D	E
-1	2	3/4	3/4	60°	1/8	-10	5-1/2	3/4	3/4	60°	3/16
-2	3	3/4	3/4	60°	1/8	-11	6-1/2	3/4	3/4	60°	3/16
-3	6-1/2	3/4	3/4	60°	1/8	-12	1-1/2	3/4	3/4	60°	1/4
-4	1-1/2	3/4	3/4	60°	3/16	-13	2-1/4	3/4	3/4	60°	1/4
-5	2	3/4	3/4	60°	3/16	-14	2-3/4	3/4	3/4	60°	1/4
-6	2-1/4	3/4	3/4	60°	3/16	-15	3-3/4	3/4	3/4	60°	1/4
-7	2-3/4	3/4	3/4	60°	3/16	-16	4-1/2	3/4	3/4	60°	1/4
-8	3-3/4	3/4	3/4	60°	3/16	-17	3-1/2	3/4	3/4	60°	1/4
-9	4-1/2	3/4	3/4	60°	3/16	-18	6-1/2	3/4	3/4	60°	1/4



ALPHA STUD WELD INC.
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AR-803-TB

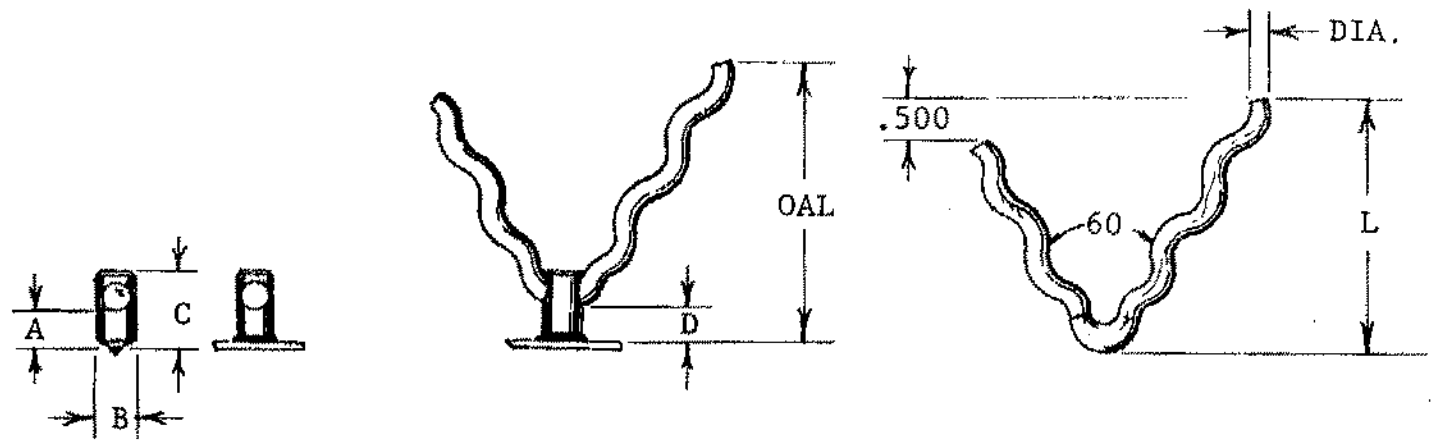
NO.	A	B	C	D	E	F	G	H
-1	1-1/4	1/2	3/4	30°	30°	3/16	3/16	3/16
-2	2-1/4	1/2	3/4	30°	30°	3/16	3/16	3/16
-3	2-3/4	1/2	3/4	30°	30°	3/16	3/16	3/16
-4	3-3/4	1/2	3/4	30°	30°	3/16	3/16	3/16
-5	4-3/4	1/2	3/4	30°	30°	3/16	3/16	3/16
-6	5-3/4	1/2	3/4	30°	30°	3/16	3/16	3/16
-7	6-3/4	1/2	3/4	30°	30°	3/16	3/16	3/16
-8	1-1/4	1/2	3/4	30°	30°	3/16	3/16	1/4
-9	2-1/4	1/2	3/4	30°	30°	3/16	3/16	1/4
-10	2-3/4	1/2	3/4	30°	30°	3/16	3/16	1/4
-11	3-3/4	1/2	3/4	30°	30°	3/16	3/16	1/4
-12	4-3/4	1/2	3/4	30°	30°	3/16	3/16	1/4
-13	5-3/4	1/2	3/4	30°	30°	3/16	3/16	1/4
-14	6-3/4	1/2	3/4	30°	30°	3/16	3/16	1/4



ALPHA STUD WELD INC.

HOUSTON, TX. 77040 713-460-5118 FAX 713-460-8786 800-468-5118

AR-804-TB



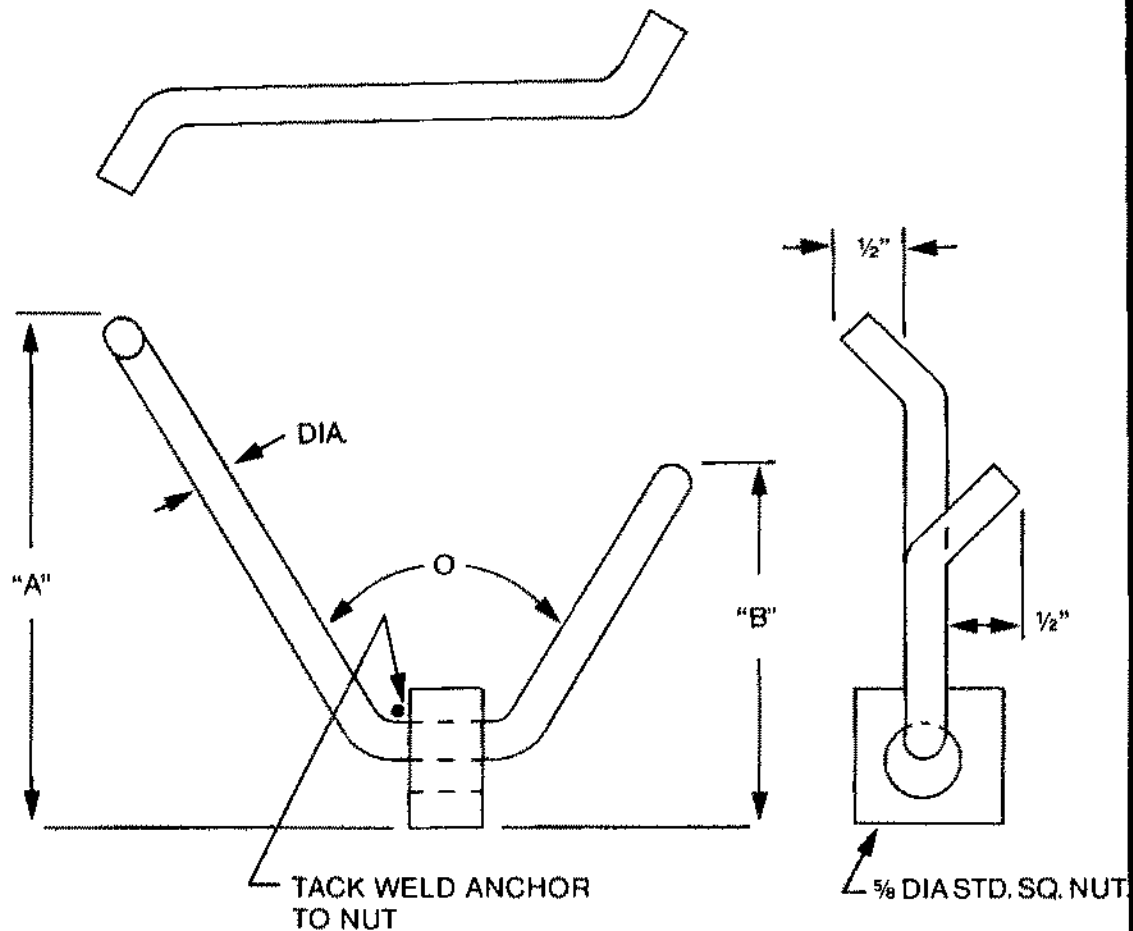
ASSEMBLY PART NO.	DESCRIPTION	A	B	C	D	DIA.
SWR-806-FB-5	SWR-806 5/16" x 4-1/2" anchor-(304 SS) plus a SWR-FB mild steel stud	5/8"	5/8"	1-1/8"	1/2"	5/16"
SWR-806-FB-7-1/2"	SWR-806 5/16" x 7" anchor-(304 SS) plus a SWR-FB mild steel stud	5/8"	5/8"	1-1/8"	1/2"	5/16"

ALPHA STUD WELD INC.

HOUSTON, TX. 77040 713-460-5118 FAX 713-460-8786 800-468-5118

AR-805-FB

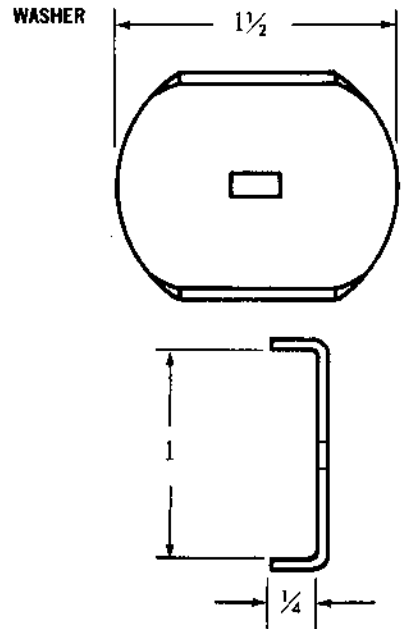
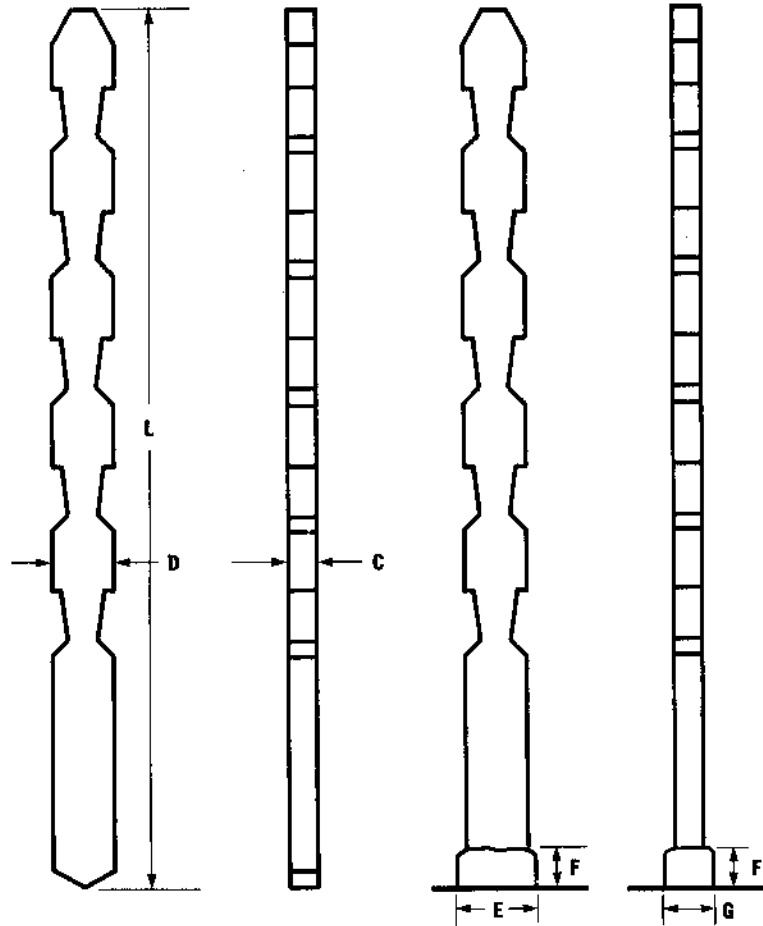
"A"	°	Dia.	"B"
2½	60°	1/4	2½
3½	60°	1/4	2½
4½	60°	1/4	3½
5½	60°	1/4	4½
6½	60°	1/4	5½
7½	45°	5/16	6½
8½	45°	5/16	7½
9½	45°	5/16	8½
10½	45°	5/16	9½



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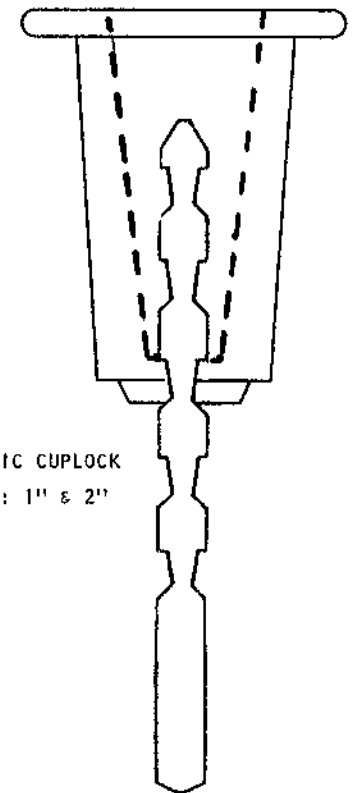
AR-806-S



SS-304
SS-310
SS-330
Inconel 601

MATERIAL: SS-304 Temperatures up to 1500° F
SS-310 Temperatures up to 1850° F
SS-330 Temperatures up to 2000° F
Inconel 601 Temperatures up to 2150° F

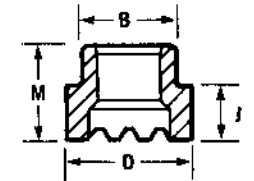
Stud and washer must be same alloy.



CERAMIC CUPLOCK
SIZES: 1" & 2"

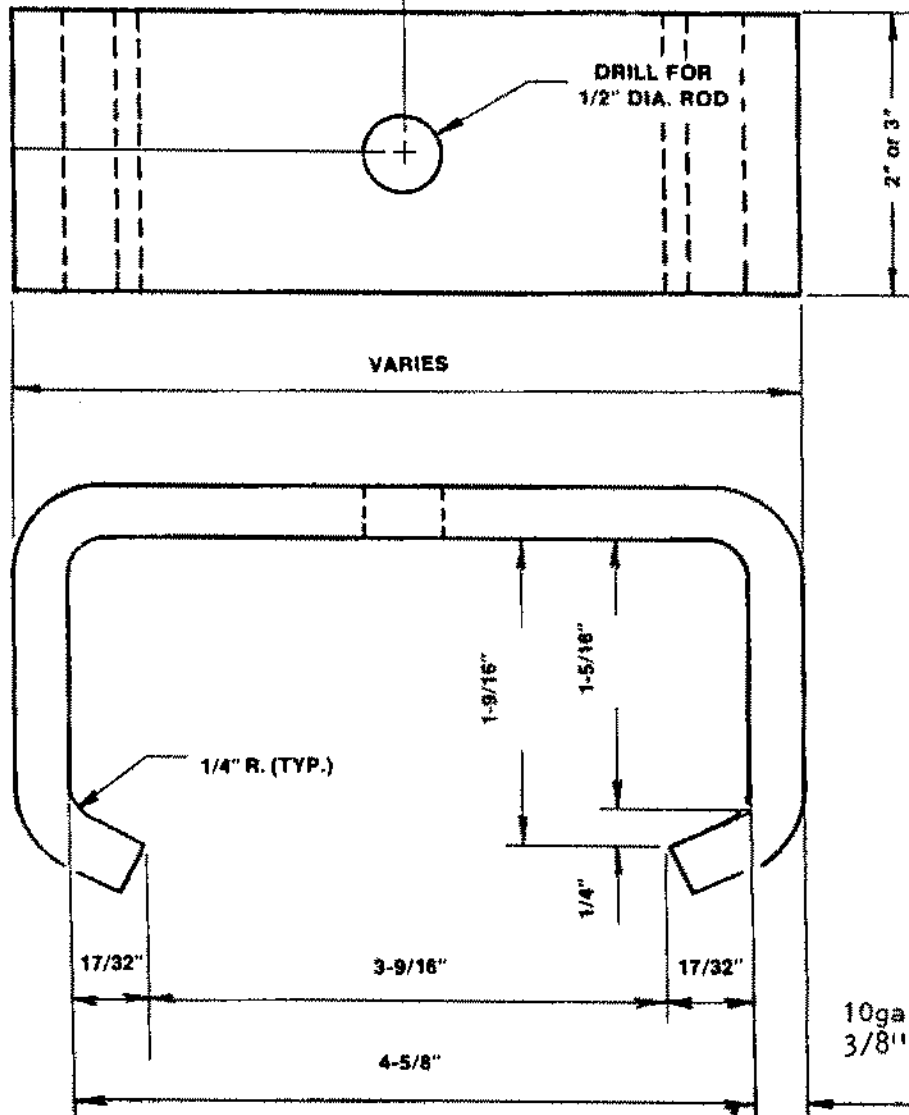
Materials: Ceramic.

STUD SPECIFICATIONS						FERRULE SPECIFICATIONS				
D	Min. L.	C	Fillet Dimension			No.	B	D	J	M
			E	F	G					
1/4	1 1/2	1/8	3/32	3/32	3/32	ZFR-CA	.505	.640	.234	.390



ALPHA STUD WELD Inc.
HOUSTON, TX. 77040 713-460-5118 FAX 713-460-8786 800-468-5118

AR-267



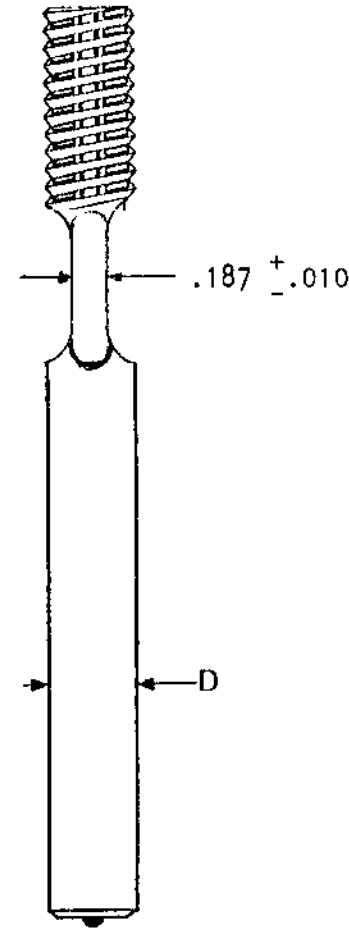
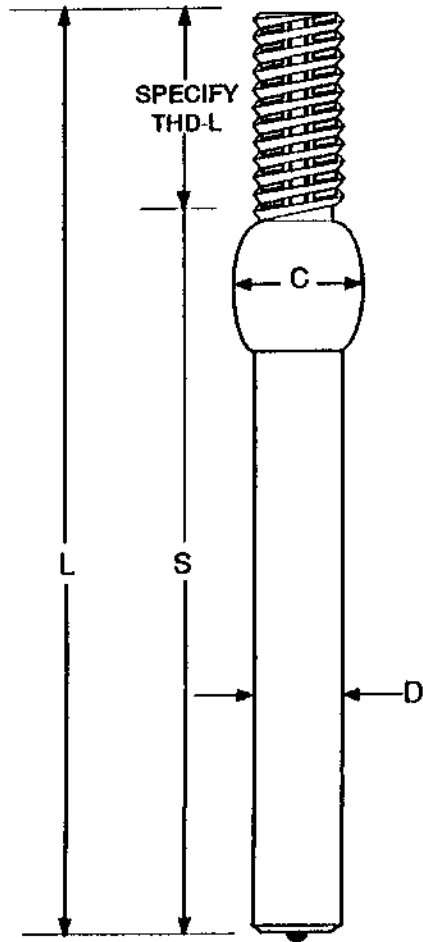
Alloys available; SS/304
SS/316
SS/310

10ga, 1/4" or
3/8" as required

ALPHA STUD WELD INC.

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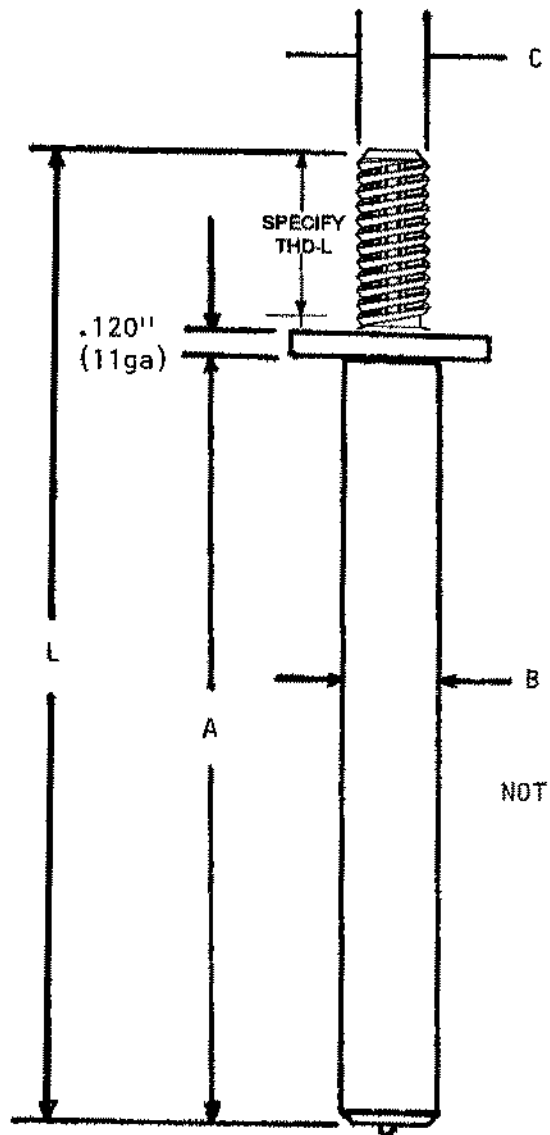
AR-273



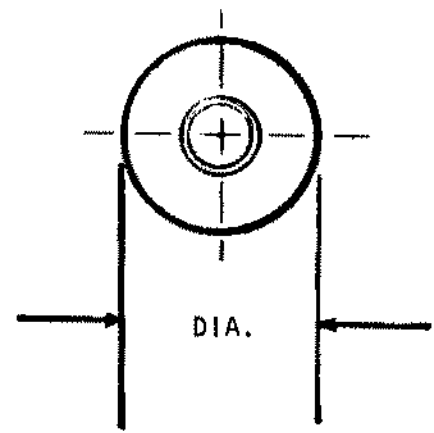
D	C	L	THD-L	S
3/8"	1/2"		CUSTOMER SPECIFY	
1/2"	5/8"	"	"	"

ALPHA STUD WELD INC.
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AR-274



L	A	B	C	DIAMETER (MIN.)
SPECIFY	SPECIFY	1/2"	3/8-16	1"
"	"	5/8"	1/2-13	1 1/4"



NOTE: WASHER IS INSTALLED BEFORE THREAD ROLLING PROCESS IN ORDER TO LOCK WASHER IN PLACE ON STUD. WASHER CANNOT BE REMOVED AFTER THREADS ARE FORMED.

ALPHA STUD WELD INC.
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AR-275