

CONCENTRIC REDUCER BUTT WELD

Specification: NAVSEA DWG 810-1385880

Pressure Rating: 200 PSIG (WOG)



**90/10 CUNI
(ALLOY C70600)**



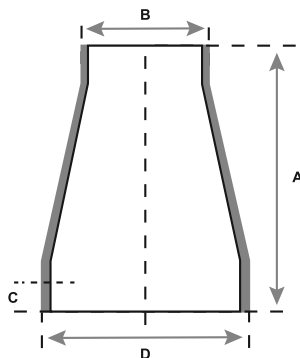
**70/30 CUNI
(ALLOY C71500)**

**Intended for use with Class 200
Copper Nickel Tube IAW MIL-T-16420**

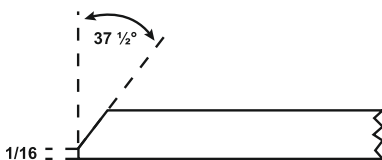
SERVICE RATING TABLE

Nominal Pipe Size (INCHES)	Maximum Working Pressure (LB/IN ²)	Maximum Temperature (°F)
1/4 through 12	200	150

AVAILABLE ALLOYS: CUNI 90/10 & CUNI 70/30



EDGE PREPARATION FOR WELDING



Square edge for 0.095 wall or lighter.
For heavier than 0.095 wall, beveled as shown.

NOMINAL PIPE SIZE	P/N (90/10)	P/N (70/30)	A	B	C MIN	D
5 x 3"	CR9BW700-500	CR7BW700-500	5	3.500	1.09	5.563
5 x 3 1/2"	CR9BW700-550	CR7BW700-550	5	4.000	1.09	5.563
5 x 4"	CR9BW700-600	CR7BW700-600	5	4.500	1.09	5.563
6 x 2"	CR9BW800-400	CR7BW800-400	5.50	2.375	1.17	6.625
6 x 2 1/2"	CR9BW800-450	CR7BW800-450	5.50	2.875	1.17	6.625
6 x 3"	CR9BW800-500	CR7BW800-500	5.50	3.500	1.17	6.625
6 x 3 1/2"	CR9BW800-550	CR7BW800-550	5.50	4.000	1.17	6.625
6 x 4"	CR9BW800-600	CR7BW800-600	5.50	4.500	1.17	6.625
6 x 5"	CR9BW800-700	CR7BW800-700	5.50	5.563	1.17	6.625
8 x 3"	CR9BW900-500	CR7BW900-500	6	3.500	1.38	8.625
8 x 3 1/2"	CR9BW900-550	CR7BW900-550	6	4.000	1.38	8.625
8 x 4"	CR9BW900-600	CR7BW900-600	6	4.500	1.38	8.625
8 x 5"	CR9BW900-700	CR7BW900-700	6	5.563	1.38	8.625
8 x 6"	CR9BW900-800	CR7BW900-800	6	6.625	1.38	8.625
10 x 4"	CR9BW1000-600	CR7BW1000-600	7	4.500	1.56	10.750
10 x 5"	CR9BW1000-700	CR7BW1000-700	7	5.563	1.56	10.750
10 x 6"	CR9BW1000-800	CR7BW1000-800	7	6.625	1.56	10.750
10 x 8"	CR9BW1000-900	CR7BW1000-900	7	8.625	1.56	10.750
12 x 5"	CR9BW1100-700	CR7BW1100-700	8	5.563	1.69	12.750
12 x 6"	CR9BW1100-800	CR7BW1100-800	8	6.625	1.69	12.750
12 x 8"	CR9BW1100-900	CR7BW1100-900	8	8.625	1.69	12.750
12 x 10"	CR9BW1100-1000	CR7BW1100-1000	8	10.750	1.69	12.750

NOTES: Fittings may be ordered with reduced ends. Sizes not shown may be available upon request.

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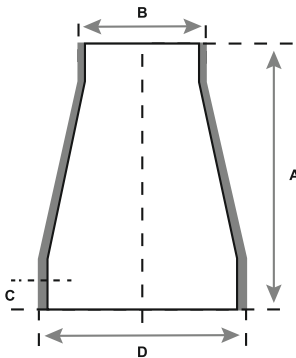


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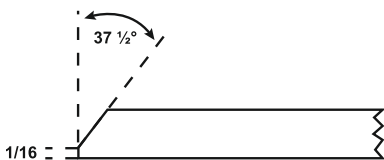
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EDGE PREPARATION FOR WELDING



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NOMINAL PIPE SIZE	P/N (90/10)	P/N (70/30)	A	B	C MIN	D
2 1/2 x 1"	CR9BW450-200	CR7BW450-200	3.500	1.315	0.88	2.875
2 1/2 x 1 1/4"	CR9BW450-250	CR7BW450-250	3.500	1.660	0.88	2.875
2 1/2 x 1 1/2"	CR9BW450-300	CR7BW450-300	3.500	1.900	0.88	2.875
2 1/2 x 2"	CR9BW450-400	CR7BW450-400	3.500	2.375	0.88	2.875
3 x 1"	CR9BW500-200	CR7BW500-200	3.500	1.315	0.91	3.500
3 x 1 1/4"	CR9BW500-250	CR7BW500-250	3.500	1.660	0.91	3.500
3 x 1 1/2"	CR9BW500-300	CR7BW500-300	3.500	1.900	0.91	3.500
3 x 2"	CR9BW500-400	CR7BW500-400	3.500	2.375	0.91	3.500
3 x 2 1/2"	CR9BW500-450	CR7BW500-450	3.500	2.875	0.91	3.500
3 1/2 x 1"	CR9BW550-200	CR7BW550-200	4	1.315	0.94	4.000
3 1/2 x 1 1/2"	CR9BW550-300	CR7BW550-300	4	1.990	0.94	4.000
3 1/2 x 2"	CR9BW550-400	CR7BW550-400	4	2.375	0.94	4.000
3 1/2 x 2 1/2"	CR9BW550-450	CR7BW550-450	4	2.875	0.94	4.000
3 1/2 x 3"	CR9BW550-500	CR7BW550-500	4	3.500	0.94	4.000
4 x 1"	CR9BW600-200	CR7BW600-200	4	1.315	0.97	4.500
4 x 1 1/4"	CR9BW600-250	CR7BW600-250	4	1.660	0.97	4.500
4 x 1 1/2"	CR9BW600-300	CR7BW600-300	4	1.900	0.97	4.500
4 x 2"	CR9BW600-400	CR7BW600-400	4	2.375	0.97	4.500
4 x 2 1/2"	CR9BW600-450	CR7BW600-450	4	2.875	0.97	4.500
4 x 3"	CR9BW600-500	CR7BW600-500	4	3.500	0.97	4.500
4 x 3 1/2"	CR9BW600-550	CR7BW600-550	4	4.000	0.97	4.500
5 x 2"	CR9BW700-400	CR7BW700-400	5	2.375	1.09	5.563
5 x 2 1/2"	CR9BW700-450	CR7BW700-450	5	2.875	1.09	5.563

NOTES: Fittings may be ordered with reduced ends. Sizes not shown may be available upon request.

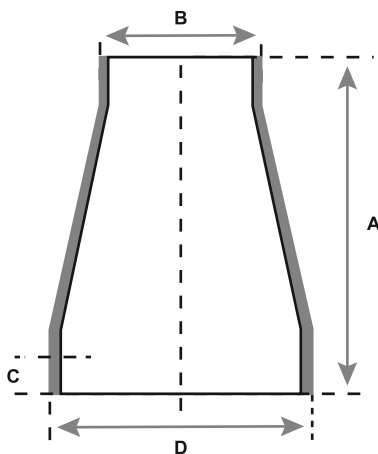
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(ALLOY C70600)**

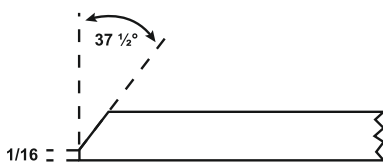


**70/30 CUNI
(ALLOY C71500)**

AVAILABLE ALLOYS: CUNI 90/10 & CUNI 70/30

NOMINAL PIPE SIZE	P/N (90/10)	P/N (70/30)	A	B	C MIN	D
1/2 x 1/4"	CR9BW100-040	CR7BW100-040	1.50	0.540	0.44	0.840
1/2 x 3/8"	CR9BW100-060	CR7BW100-060	1.50	0.675	0.44	0.840
3/4 x 1/2"	CR9BW150-100	CR7BW150-100	1.50	0.840	0.47	1.050
1 x 1/2"	CR9BW200-100	CR7BW200-100	2	0.840	0.50	1.315
1 x 3/4"	CR9BW200-150	CR7BW200-150	2	1.050	0.50	1.315
1 1/4 x 3/4"	CR9BW250-150	CR7BW250-150	2	1.050	0.56	1.660
1 1/4 x 1"	CR9BW250-200	CR7BW250-200	2	1.315	0.56	1.660
1 1/2 x 1/2"	CR9BW300-100	CR7BW300-100	2.50	0.840	0.69	1.900
1 1/2 x 3/4"	CR9BW300-150	CR7BW300-150	2.50	1.050	0.69	1.900
1 1/2 x 1"	CR9BW300-200	CR7BW300-200	2.50	1.315	0.69	1.900
1 1/2 x 1 1/4"	CR9BW300-250	CR7BW300-250	2.50	1.660	0.69	1.900
2 x 1/2"	CR9BW400-100	CR7BW400-100	3	0.840	0.72	2.375
2 x 3/4"	CR9BW400-150	CR7BW400-150	3	1.050	0.72	2.375
2 x 1"	CR9BW400-200	CR7BW400-200	3	1.315	0.72	2.375
2 x 1 1/4"	CR9BW400-250	CR7BW400-250	3	1.660	0.72	2.375
2 x 1 1/2"	CR9BW400-300	CR7BW400-300	3	1.900	0.72	2.375
2 1/2 x 3/4"	CR9BW450-150	CR7BW450-150	3.50	1.050	0.88	2.875

EDGE PREPARATION FOR WELDING



Square edge for 0.095 wall or lighter.
For heavier than 0.095 wall, beveled as shown.

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