

STREET CONCENTRIC REDUCER

PLAIN X BELLED END

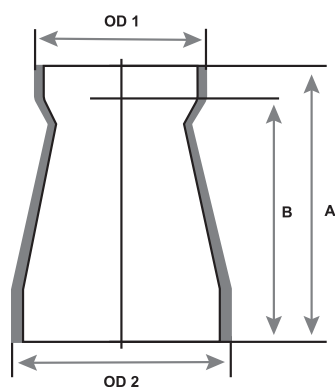
Specification: DWG 802-5959353 / MSS-SP-119

Pressure Rating: 200 PSIG (WOG)

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



90/10 CUNI
(ALLOY C70600)



70/30 CUNI
(ALLOY C71500)

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

NOMINAL PIPE SIZE	SMI P/N (90/10)	SMI P/N (70/30)	OD 1 (FEMALE)	OD 2 (MALE)	A	B
3/8 x 1/4"	STCR9BE060-040	STCR7BE060-040	0.540	0.675	1.84	1.52
1/2 x 1/4"	STCR9BE100-040	STCR7BE100-040	0.540	0.840	1.9	1.58
1/2 x 3/8"	STCR9BE100-060	STCR7BE100-060	0.675	0.840	1.9	1.58
3/4 x 1/4"	STCR9BE150-040	STCR7BE150-040	0.540	1.050	1.9	1.58
3/4 x 3/8"	STCR9BE150-060	STCR7BE150-060	0.675	1.050	1.9	1.58
3/4 x 1/2"	STCR9BE150-100	STCR7BE150-060	0.840	1.050	1.9	1.58
1 x 1/4"	STCR9BE200-040	STCR7BE200-040	0.540	1.315	2.6	2.28
1 x 3/8"	STCR9BE200-060	STCR7BE200-060	0.675	1.315	2.6	2.28
1 x 1/2"	STCR9BE200-100	STCR7BE200-100	0.840	1.315	2.6	2.28
1 x 3/4"	STCR9BE200-150	STCR7BE200-150	1.050	1.315	2.6	2.28
1 1/4 x 1/4"	STCR9BE250-040	STCR7BE250-040	0.540	1.660	2.75	2.43
1 1/4 x 3/8"	STCR9BE250-060	STCR7BE250-060	0.675	1.660	2.75	2.43
1 1/4 x 1/2"	STCR9BE250-100	STCR7BE250-100	0.840	1.660	2.75	2.43
1 1/4 x 3/4"	STCR9BE250-150	STCR7BE250-150	1.050	1.660	2.75	2.43
1 1/4 x 1"	STCR9BE250-200	STCR7BE250-200	1.315	1.660	2.75	2.37
1 1/2 x 1/4"	STCR9BE300-040	STCR7BE300-040	0.540	1.900	3.37	3.05
1 1/2 x 3/8"	STCR9BE300-060	STCR7BE300-060	0.675	1.900	3.37	3.05

NOTES: Fittings may be ordered with reduced ends. Sizes not shown may be available upon request.
Dimension shown reflect NAVSEA DWG 802-5959353, App. B

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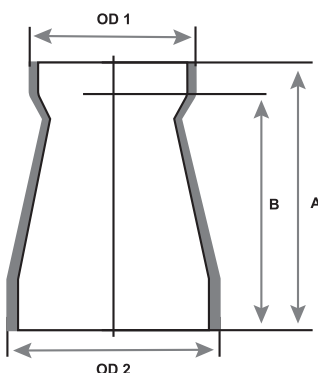
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AVAILABLE ALLOYS: CUNI 90/10 & CUNI 70/30



90/10 CUNI
(ALLOY C70600)



70/30 CUNI
(ALLOY C71500)

NOMINAL PIPE SIZE	SMI P/N (90/10)	SMI P/N (70/30)	OD 1 (FEMALE)	OD 2 (MALE)	A	B
1 1/2 x 1/2"	STCR9BE300-100	STCR7BE300-100	0.840	1.900	3.37	3.05
1 1/2 x 3/4"	STCR9BE300-150	STCR7BE300-150	1.050	1.900	3.37	3.05
1 1/2 x 1"	STCR9BE300-200	STCR7BE300-200	1.315	1.900	3.37	3
1 1/2 x 1 1/4"	STCR9BE300-250	STCR7BE300-250	1.660	1.900	3.37	2.93
2 x 1/2"	STCR9BE400-100	STCR7BE400-100	0.840	2.375	3.84	3.52
2 x 3/4"	STCR9BE400-150	STCR7BE400-150	1.050	2.375	3.84	3.52
2 x 1"	STCR9BE400-200	STCR7BE400-200	1.315	2.375	3.84	3.46
2 x 1 1/4"	STCR9BE400-250	STCR7BE400-250	1.660	2.375	3.84	3.4
2 x 1 1/2"	STCR9BE400-300	STCR7BE400-300	1.900	2.375	3.84	3.28
2 1/2 x 1"	STCR9BE450-200	STCR7BE450-200	1.315	2.375	4.53	4.15
2 1/2 x 1 1/4"	STCR9BE450-250	STCR7BE450-250	1.660	2.875	4.53	4.09
2 1/2 x 1 1/2"	STCR9BE450-300	STCR7BE450-300	1.90	2.875	4.53	3.97
2 1/2 x 2"	STCR9BE450-400	STCR7BE450-400	2.375	2.875	4.53	3.97
3 x 1"	STCR9BE500-200	STCR7BE500-200	1.315	3.500	4.72	4.34
3 x 1 1/4"	STCR9BE500-250	STCR7BE500-250	1.660	3.500	4.72	4.28
3 x 1 1/2"	STCR9BE500-300	STCR7BE500-300	1.900	3.500	4.72	4.16
3 x 2"	STCR9BE500-400	STCR7BE500-400	2.375	3.500	4.72	4.16
3 x 2 1/2"	STCR9BE500-450	STCR7BE500-450	2.875	3.500	4.72	3.97
3 1/2 x 1 1/2"	STCR9BE550-300	STCR7BE550-300	1.900	4.000	5.25	4.69
3 1/2 x 2"	STCR9BE550-400	STCR7BE550-400	2.375	4.000	5.25	4.69
3 1/2 x 2 1/2"	STCR9BE550-450	STCR7BE550-450	2.875	4.000	5.25	4.5
3 1/2 x 3"	STCR9BE550-500	STCR7BE550-500	3.500	4.000	5.25	4.57
4 x 2"	STCR9BE600-400	STCR7BE600-400	2.375	4.500	5.25	4.69

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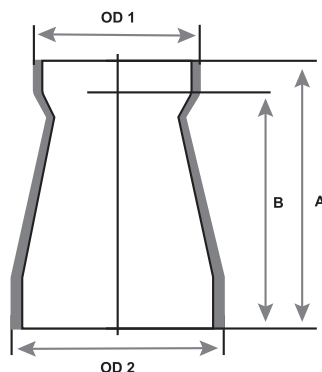
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(ALLOY C70600)**



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

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

NOMINAL PIPE SIZE	SMI P/N (90/10)	SMI P/N (70/30)	OD 1 (FEMALE)	OD 2 (MALE)	A	B
4 x 2 1/2"	STCR9BE600-450	STCR7BE600-450	2.875	4.500	5.25	4.5
4 x 3"	STCR9BE600-500	STCR7BE600-500	3.500	4.500	5.25	4.5
4 x 3 1/2"	STCR9BE600-550	STCR7BE600-550	4.000	4.500	5.25	4.5
5 x 2 1/2"	STCR9BE700-450	STCR7BE700-450	2.875	5.563	6.32	5.57
5 x 3"	STCR9BE700-500	STCR7BE700-500	3.500	5.563	6.32	5.57
5 x 3 1/2"	STCR9BE700-550	STCR7BE700-550	4.000	5.563	6.32	5.53
5 x 4"	STCR9BE700-600	STCR7BE700-600	4.500	5.563	6.32	5.5
6 x 2 1/2"	STCR9BE800-450	STCR7BE800-450	2.875	6.625	6.8	6.05
6 x 3"	STCR9BE800-500	STCR7BE800-500	3.500	6.625	6.8	6.05
6 x 3 1/2"	STCR9BE800-550	STCR7BE800-550	4.000	6.625	6.8	6.01
6 x 4"	STCR9BE800-600	STCR7BE800-600	4.500	6.625	6.8	5.98
6 x 5"	STCR9BE800-700	STCR7BE800-700	5.563	6.625	6.8	5.86
8 x 4"	STCR9BE900-600	STCR7BE900-600	4.500	8.625	7.45	6.63
8 x 5"	STCR9BE900-700	STCR7BE900-700	5.563	8.625	7.45	6.51
8 x 6"	STCR9BE900-800	STCR7BE900-800	6.625	8.625	7.45	6.45
10 x 5"	STCR9BE1000-700	STCR7BE1000-700	10.750	10.750	8.75	7.81
10 x 6"	STCR9BE1000-800	STCR7BE1000-800	6.625	10.750	8.75	7.75
10 x 8"	STCR9BE1000-900	STCR7BE1000-900	8.625	10.750	8.75	7.5
12 x 6"	STCR9BE1100-800	STCR7BE1100-800	6.625	12.750	9.87	8.87
12 x 8"	STCR9BE1100-900	STCR7BE1100-900	8.625	12.750	9.87	8.62
12 x 10"	STCR9BE1100-1000	STCR7BE1100-1000	10.750	12.750	9.87	8.43

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