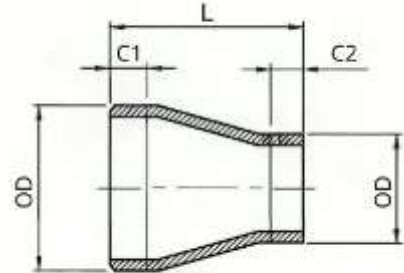


CONCENTRIC REDUCER NAVSEA DWG 810-1385880

Buttweld, Class 200

90/10 Copper Nickel (UNS C70600)

70/30 Copper Nickel (UNS C71500)



DIMENSIONS											
NOMINAL PIPE SIZE			OD			L	C1 (Min)	C2 (Min)	WEIGHT (lb)	TORK P/N	TORK P/N
1/2	x	1/4	0.84	x	0.54	1.5		0.281	0.07	M109989	M110835
1/2	x	3/8	0.84	x	0.675	1.5		0.375	0.07	M109990	M110836
3/4	x	1/2	1.05	x	0.84	1.5	0.469	0.438	0.09	M109993	M110839
1	x	1/2	1.315	x	0.84	2	0.5	0.438	0.15	M109996	M110842
1	x	3/4	1.315	x	1.05	2	1.2	0.469	0.15	M109997	M110843
1 1/4	x	3/4	1.66	x	1.05	2	0.563	0.469	0.2	M109999	M110845
1 1/4	x	1	1.66	x	1.315	2	0.563	0.5	0.2	M110000	M110846
1 1/2	x	1/2	1.9	x	0.84	2.5	0.688	0.438	0.3	M110001	M110847
1 1/2	x	3/4	1.9	x	1.05	2.5	0.688	0.469	0.3	M110002	M110848
1 1/2	x	1	1.9	x	1.315	2.5	0.688	0.5	0.3	M110003	M110849
1 1/2	x	1 1/4	1.9	x	1.66	2.5	0.688	0.563	0.3	M110004	M110850
2	x	1/2	2.375	x	0.84	3	0.719	0.438	0.7	M110005	M110851
2	x	3/4	2.375	x	1.05	3	0.719	0.469	0.7	M110006	M110852
2	x	1	2.375	x	1.315	3	0.719	0.5	0.7	M110007	M110853
2	x	1 1/4	2.375	x	1.66	3	0.719	0.563	0.7	M110008	M110854
2	x	1 1/2	2.375	x	1.9	3	0.719	0.688	0.7	M110009	M110855
2 1/2	x	3/4	2.875	x	1.05	3.5	0.875	0.469	0.9	Inquire	Inquire
2 1/2	x	1	2.875	x	1.315	3.5	0.875	0.5	0.9	M110010	M110856
2 1/2	x	1 1/4	2.875	x	1.66	3.5	0.875	0.563	0.9	M110011	M110857
2 1/2	x	1 1/2	2.875	x	1.9	3.5	0.875	0.688	0.9	M110012	M110858
2 1/2	x	2	2.875	x	2.375	3.5	0.875	0.719	1	M110013	M110859
3	x	1	3.5	x	1.315	3.5	0.906	12	1	M110014	M110860
3	x	1 1/4	3.5	x	1.66	3.5	0.906	0.563	1	M110015	M110861
3	x	1 1/2	3.5	x	1.9	3.5	0.906	0.688	1	M110016	M110862
3	x	2	3.5	x	2.375	3.5	0.906	0.719	1	M110017	M110863
3	x	2 1/2	3.5	x	2.875	3.5	0.906	0.875	2	M110018	M110864
3 1/2	x	1	4	x	1.315	4	0.938	0.5	2	Inquire	Inquire
3 1/2	x	1 1/2	4	x	1.9	4	0.938	0.688	2	Inquire	M110865
3 1/2	x	2	4	x	2.375	4	0.938	0.719	2	M110019	M110866
3 1/2	x	2 1/2	4	x	0.002	4	0.938	0.875	2	M110020	M110867
3 1/2	x	3	4	x	3.5	4	0.938	0.906	2	M110021	M110868

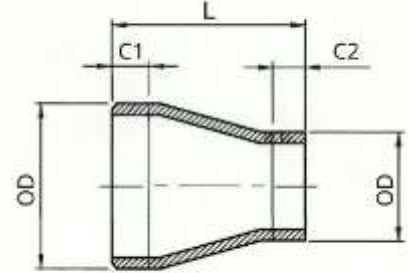
CONCENTRIC REDUCER

NAVSEA DWG 810-1385880

Buttweld, Class 200

90/10 Copper Nickel (UNS C70600)

70/30 Copper Nickel (UNS C71500)

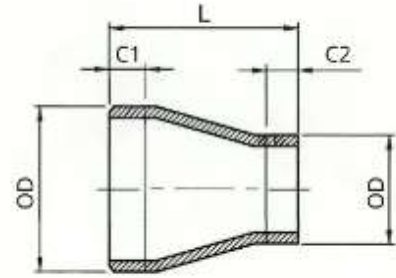


DIMENSIONS											
NOMINAL PIPE SIZE			OD		L	C1 (Min)	C2 (Min)	WEIGHT (lb)	TORK P/N	TORK P/N	
4	x	1	4.5	x	1.315	4	0.969	0.5	2	Inquire	Inquire
4	x	1 1/4	4.5	x	1.66	4	0.969	0.563	2	Inquire	Inquire
4	x	1 1/2	4.5	x	1.9	4	0.969	0.688	2	M110022	M110869
4	x	2	4.5	x	2.375	4	0.969	0.719	2	M110023	M110870
4	x	2 1/2	4.5	x	2.875	4	0.969	0.875	2	M110024	M110871
4	x	3	4.5	x	3.5	4	0.969	0.906	2	M110025	M110872
4	x	3 1/2	4.5	x	4	4	0.969	0.938	2	M110026	M110873
5	x	2	5.562	x	2.375	5	1.094	0.719	4	M110027	M110874
5	x	2 1/2	5.562	x	2.875	5	1.094	0.875	4	M110028	M110875
5	x	3	5.562	x	3.5	5	1.094	0.906	4	M110029	M110876
5	x	3 1/2	5.562	x	4	5	1.094	0.938	4	M110030	M110877
5	x	4	5.562	x	4.5	5	1.094	0.969	4	M110031	M110878
6	x	2	6.625	x	2.375	5.5	1.172	0.719	5	M110032	M110879
6	x	2 1/2	6.625	x	2.875	5.5	1.172	0.875	5	M110033	M110880
6	x	3	6.625	x	3.5	5.5	1.172	0.906	4	M110034	M110881
6	x	3 1/2	6.625	x	4	5.5	1.172	0.938	4	M110035	M110882
6	x	4	6.625	x	4.5	5.5	1.172	0.969	5	M110036	M110883
6	x	5	6.625	x	5.562	5.5	1.172	1.094	5	M110037	M110884
8	x	3	8.625	x	3.5	6	1.375	0.906	6	M110039	M110886
8	x	3 1/2	8.625	x	4	6	1.375	0.938	6.5	M110040	M110887
8	x	4	8.625	x	4.5	6	1.375	0.969	7	M110041	M110888
8	x	5	8.625	x	5.562	6	1.375	1.094	7	M110042	M110889
8	x	6	8.625	x	6.625	6	1.375	1.172	8	M110043	M110890
10	x	4	10.75	x	4.5	7	1.563	0.969	14	M110044	M110891
10	x	5	10.75	x	5.562	7	1.563	1.094	15	M110045	M110892
10	x	6	10.75	x	6.625	7	1.563	1.172	16	M110046	M110893
10	x	8	10.75	x	8.625	7	1.563	1.375	18	M110047	M110894
12	x	5	12.75	x	5.562	8	1.688	1.094	21	M110048	M110895
12	x	6	12.75	x	6.625	8	1.688	1.172	22	M110049	M110896
12	x	8	12.75	x	8.625	8	1.688	1.375	23.5	M110050	M110897
12	x	10	12.75	x	10.75	8	1.688	1.563	27	M110051	M110898

CONCENTRIC REDUCER NAVSEA DWG 810-1385880

Buttweld, Class 200

90/10 Copper Nickel (UNS C70600)
 70/30 Copper Nickel (UNS C71500)



NOMINAL PIPE SIZE		OD		DIMENSIONS			WEIGHT (lb)	TORK P/N	TORK P/N		
				L	C1 (Min)	C2 (Min)					
14	x	6	14	x	6.625	13	0.5	1.172	38	Inquire	Inquire
14	x	8	14	x	8.625	13	0.5	1.375	41	Inquire	Inquire
14	x	10	14	x	10.75	13	0.5	1.563	44	M110052	M110899
14	x	12	14	x	12.75	13	0.5	1.688	49	M110053	M110900
16	x	8	16	x	16.825	14	0.5	1.375	44	Inquire	Inquire
16	x	10	16	x	10.75	14	0.5	1.563	47	Inquire	M110901
16	x	12	16	x	12.75	14	0.5	1.688	51	M110054	M110902
16	x	14	16	x	14	14	0.5	0.5	53	M110055	M110903
18	x	10	18	x	10.75	15	0.5	1.563	55	M110056	M110904
18	x	12	18	x	12.75	15	0.5	1.688	58	Inquire	Inquire
18	x	14	18	x	14	15	0.5	0.5	61	M110057	M110905
18	x	16	18	x	16	15	0.5	0.5	65	Inquire	Inquire
20	x	12	20	x	12.75	20	0.5	1.688	89	Inquire	Inquire
20	x	14	20	x	14	20	0.5	0.5	95	Inquire	Inquire
20	x	16	20	x	16	20	0.5	0.5	101	M110058	M110906
20	x	18	20	x	18	20	0.5	0.5	106	M110059	M110907
24	x	14	24	x	14	20	0.5	0.5	106	Inquire	Inquire
24	x	16	24	x	16	20	0.5	0.5	112	Inquire	Inquire
24	x	18	24	x	18	20	0.5	0.5	118	Inquire	Inquire
24	x	20	24	x	20	20	0.5	0.5	123	M110060	M110908
30	x	18	30	x	18	24	0.5	0.5	161	Inquire	Inquire
30	x	20	30	x	20	24	0.5	0.5	168	Inquire	Inquire
30	x	24	30	x	24	24	0.5	0.5	181	Inquire	Inquire
36	x	30	36	x	30	24	0.5	0.5	222	Inquire	Inquire