



Proven Integrity. Delivering Value.

AMS 4880-C95510 Alloy
✓ Standard-Stocked Product



There Is Power in the Right Choice

Concast today means value for the future. By selecting Concast Metal Products Co. as your supplier of **AMS 4880-C95510 Nickel-Aluminum Bronze**, you are creating immediate value for your business—value that you can pass on to your customers.

Concast will provide you the **C95510** quality, service, and value you need to make your business a success.

AMS 4880-C95510 Typical Uses

CATEGORY	PRODUCT
Aircraft and Aerospace	landing gear bushings and bearings
Oil and Gas	bushings, hydraulic seal components

- Concast produces **AMS 4880-C95510 alloy as a standard-stocked product**
- Size range: 1.00" x 2.00" to 10.00" x 13.00"
- Shape: tubes
- Lengths: 24"
- Over 40 of the most popular sizes in stock
- Consult mill for additional size requirements

Reach out to us today to find out how we can improve the reliability and profitability of your cast alloy supply chain.



800.626.7071



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Concast Metal Products Co. is a manufacturer of specialty continuous-cast copper alloys. Concast has achieved a strong and stable market position through a sharp focus on evolving technologies, quality control, and a high level of customer service. Our inventory of over 1,000 standard sizes is the largest inventory of standard-stocked, continuous-cast alloys in North America.

■ Concast Metal Products Co. is certified to ISO 9001 and AS9100

AMS 4880-C95510 Overview

Chemical Composition

Cu%	Sn%	Zn%	Fe%	Ni% ¹	Al%	Mn%
78.00 min	0.20	0.30	2.00- 3.50	4.50- 5.50	9.70- 10.90	1.50

¹Ni value includes Co. Note: Single values, unless otherwise noted, represent maximums.

Mechanical Properties

Tensile Strength, min		Yield Strength, at 0.2% Offset, min		Elongation, in 4D, min	Brinell Hardness	Remarks
ksi	MPa	ksi	MPa	%	min to max BHN	
105.0	724	62.5	431	9	192 to 248	Castings <4.0, Heat Treated
95.0	655	56.0	386	9	192 to 248	Castings 4.0+, Heat Treated

Stocked Size Schedule

Nom. Size O.D. x I.D.	Weight Per Inch	Weight Per Foot	Nom. Size O.D. x I.D.	Weight Per Inch	Weight Per Foot	Nom. Size O.D. x I.D.	Weight Per Inch	Weight Per Foot	
2.000 x 1.000	0.739	8.868	3.500 x 1.500	2.476	29.712	5.750 x 4.250	3.979	47.748	
2.250 x 1.250	0.867	10.404	2.500	1.639	19.668	6.000 x 3.000	6.469	77.628	
	1.500	0.707	8.484	3.750 x 2.000	2.437	29.244	3.750	5.556	66.672
2.500 x 1.000	1.242	14.904	2.500	1.943	23.316	4.500	4.433	53.196	
	1.500	1.002	12.024	2.750	1.764	21.168	5.375	2.397	28.764
	1.750	0.821	9.852	4.000 x 2.000	2.860	34.320	6.500 x 4.000	6.608	79.296
2.750 x 1.500	1.254	15.048	2.500	2.505	30.060	5.000	4.704	56.448	
	1.750	1.008	12.096	4.125 x 3.125	1.923	23.076	7.000 x 4.000	8.000	96.000
2.875 x 1.875	1.149	13.788	4.250 x 3.000	2.311	27.732	8.000 x 6.000	7.347	88.164	
3.000 x 1.500	1.515	18.180	4.500 x 2.500	3.327	39.924	8.500 x 6.000	8.866	106.392	
	2.000	1.210	14.520	3.000	2.792	33.504	6.500	7.568	90.816
3.125 x 2.125	1.378	16.536	5.000 x 3.000	4.207	50.484	11.000 x 9.000	9.867	118.404	
3.250 x 2.000	1.657	19.884	3.750	3.012	36.144	12.000 x 10.250	9.794	117.528	
	2.250	1.512	18.144	5.500 x 3.500	4.396	52.752	13.000 x 10.000	16.564	198.768



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