



There Is Power in the Right Choice

Which supplier of **AMS 4880-C95510 Nickel Aluminum Bronze** is the right choice?

At Concast, we provide a high-quality, reliable inventory of AMS 4880-C95510. This gives our customers an on-demand inventory of finished goods as well as the industry's best customer service.

Make Concast the right choice for your AMS 4880-C95510 requirements.

AMS 4880-C95510 Alloy
✓ **Standard-Stocked Product**



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 @ sales@concast.com

14315 State Route 113
Wakeman, OH 44889
800.626.7071 phone
724.538.3956 fax
sales@concast.com

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.

www.concast.com

■ All Concast plants are ISO 9001 certified

AMS 4880-C95510 Overview

Similar or Equivalent Specification

CDA	ASTM	Asarcon	SAE	AMS	Federal	Military	Other
C63020	B150 B150M		J461 J462	4880			

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 .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 I.D. x O.D.	Weight Per Inch	Weight Per Foot	Nom. Size I.D. x O.D.	Weight Per Inch	Weight Per Foot	Nom. Size I.D. x O.D.	Weight Per Inch	Weight Per Foot
1.000 x 2.000	0.7393	8.8716	2.250	1.5120	18.1440	3.750 x 5.000	3.0117	36.1404
1.250 x 2.250	0.8672	10.4064	1.500 x 3.500	2.4760	29.7120	3.500 x 5.500	4.3964	52.7568
1.500	0.7070	8.4840	2.500	1.6388	19.6656	4.250 x 5.750	3.9786	47.7432
1.000 x 2.500	1.2419	14.9028	2.800	1.2215	14.6580	3.000 x 6.000	6.4689	77.6268
1.500	1.0015	12.0180	2.000 x 3.750	2.4370	29.2440	3.750	5.5562	66.6744
1.750	0.8214	9.8568	2.500	1.9430	23.3160	4.500	4.4333	53.1996
1.500 x 2.750	1.2541	15.0492	2.750	1.7638	21.1656	5.375	2.3968	28.7616
1.750	1.0084	12.1008	2.000 x 4.000	2.8596	34.3152	4.000 x 6.500	6.6077	79.2924
1.875 x 2.875	1.1491	13.7892	2.500	2.5054	30.0648	5.000	4.7038	56.4456
1.500 x 3.000	1.5152	18.1824	3.125 x 4.125	1.9227	23.0724	4.000 x 7.000	8.0000	96.0000
2.000	1.2097	14.5164	3.000 x 4.250	2.3113	27.7356	6.000 x 8.000	7.3472	88.1664
2.125 x 3.125	1.3779	16.5348	2.500 x 4.500	3.3269	39.9228	6.000 x 8.500	8.8656	106.3872
2.000 x 3.250	1.6568	19.8816	3.000	2.7917	33.5004	6.500	7.5680	90.8160

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