



# NATIONAL BRONZE & METALS, INC.

LEADING USA MANUFACTURER & MASTER DISTRIBUTOR OF CONTINUOUS CAST, BRONZE, BRASS, AND COPPER ALLOYS

## WROUGHT BARS, TUBES, WIRE, SHEET & PLATE

<b>C10100</b>	Oxygen Free Electronic Copper	<b>C31400</b>	Leaded Commercial Bronze	<b>C63600</b>	Aluminum Bronze
<b>C10200</b>	Oxygen Free Copper	<b>C31600</b>	Nickel Leaded Commercial Bronze	<b>C64200</b>	Silicon Aluminum Bronze
<b>C11000</b>	Electrolytic Tough Pitch Copper	<b>C34500</b>	High Leaded Brass "64%"	<b>C64210</b>	Everdur 6421
<b>C12000</b>	Phosphorus - Deoxidized, Low Residual P	<b>C35200</b>	Dezincification Resistant Machine Brass (Arsenical)	<b>C64700</b>	Nickel Silicon Bronze
<b>C12200</b>	Phosphorus-Deoxidized, High Residual P	<b>C35300</b>	High Leaded Brass "62%"	<b>C65100</b>	Low Silicon Bronze "B"
<b>C14500</b>	Tellurium Copper	<b>C36000</b>	Free-Cutting Brass	<b>C65300</b>	Silicon Bronze
<b>C15000</b>	Zirconium Copper	<b>C37700</b>	Forging Brass	<b>C65500</b>	High Silicon Bronze "A"
<b>C16200</b>	Cadmium Copper	<b>C38000</b>	Architectural Bronze "Low Leaded"	<b>C65600</b>	Everdur 656
<b>C16500</b>	Cadmium Tin Copper	<b>C38500</b>	Architectural Bronze	<b>C65610</b>	Silicon Bronze
<b>C17200</b>	Beryllium Copper	<b>C44300</b>	Admiralty Brass	<b>C65620</b>	Silicon Bronze "AMS 4616"
<b>C17300</b>	Leaded Beryllium Copper	<b>C46200</b>	Naval Brass - Cold Heading (Wire)	<b>C66800</b>	Manganese Bronze
<b>C17510</b>	Beryllium Copper	<b>C46400</b>	Naval Brass "Lead Free"	<b>C67300</b>	Manganese Bronze
<b>C18000</b>	Copper Chromium Nickel Silicon	<b>C48200</b>	Naval Brass "Medium Lead"	<b>C67310</b>	Manganese Bronze
<b>C18150</b>	Copper Chromium Zirconium	<b>C48500</b>	Naval Brass "High Leaded"	<b>C67330</b>	Manganese Bronze
<b>C18200</b>	Chromium Copper	<b>C48600</b>	Dezincification Resistant Forging Brass (Arsenical)	<b>C67400</b>	Manganese Bronze
<b>C18700</b>	Leaded Copper	<b>C50700</b>	Tin Bronze / Signal Bronze	<b>C67410</b>	Manganese Bronze
<b>C19140</b>	Low Leaded Nickel Copper	<b>C51000</b>	Phosphor Bronze "5% A"	<b>C67420</b>	Manganese Bronze
<b>C19160</b>	Leaded Nickel Copper	<b>C52100</b>	Phosphor Bronze "8% C"	<b>C67500</b>	Manganese Bronze
<b>C21000</b>	Gilding Brass	<b>C52400</b>	Phosphor Bronze "10% D"	<b>C67600</b>	Manganese Bronze
<b>C22000</b>	Commercial Bronze	<b>C53400</b>	Phosphor Bronze "B-1"	<b>C68700</b>	Aluminum Brass "Arsenical"
<b>C22600</b>	Jewelry Bronze	<b>C54400</b>	Phosphor Bronze "B-2" "Free Cutting"	<b>C69430</b>	Silicon Red Brass
<b>C23000</b>	Red Brass	<b>C61000</b>	Aluminum Bronze	<b>C70600</b>	Copper Nickel "90/10"
<b>C23400</b>	Red Brass Welding Filler Metal	<b>C61300</b>	Aluminum Bronze	<b>C71500</b>	Copper Nickel "70/30"
<b>C24000</b>	Low Brass	<b>C61400</b>	Aluminum Bronze	<b>C75200</b>	Nickel Silver "65-18"
<b>C26000</b>	Cartridge Brass "70%"	<b>C61800</b>	Aluminum Bronze	<b>C79200</b>	Leaded Nickel Silver
<b>C27000</b>	Yellow Brass "65%"	<b>C62300</b>	Aluminum Bronze	<b>C79800</b>	Leaded Nickel Silver
<b>C27200</b>	Yellow Brass "63.5%"	<b>C62400</b>	Aluminum Bronze		
<b>C27400</b>	Yellow Brass "63%"	<b>C62500</b>	Aluminum Bronze		
<b>C28000</b>	Muntz Metal "60%"	<b>C63000</b>	Nickel Aluminum Bronze	<b>UZ19AL6</b>	Aircraft Bronze
		<b>C63020</b>	Nickel Aluminum Bronze	<b>SAE 841</b>	Sintered Bronze
		<b>C63200</b>	Nickel Aluminum Bronze		
		<b>C63400</b>	Aluminum Bronze		

\* Other USA and European Alloys not listed can be made to order

## CONTINUOUS & CENTRIFUGAL CAST BARS

<b>C83600</b>	Leaded Red Brass "SAE 40"	<b>C93700</b>	High Leaded Tin Bronze "SAE 64"
<b>C84400</b>	Leaded Semi-Red Brass	<b>C93800</b>	High Leaded Tin Bronze "SAE 67"
<b>C86200</b>	Manganese Bronze "SAE 430 A"	<b>C94100</b>	High Leaded Tin Bronze
<b>C86300</b>	Manganese Bronze "SAE 430 B"	<b>C94300</b>	High Leaded Tin Bronze
<b>C86400</b>	Manganese Bronze	<b>C94500</b>	Medium Bronze
<b>C86500</b>	Manganese Bronze "SAE 43"	<b>C94700</b>	Nickel Tin Bronze "Spinodal"
<b>C90200</b>	Tin Bronze	<b>C94800</b>	Leaded Nickel Tin Bronze
<b>C90300</b>	Tin Bronze "Navy G"	<b>C95200</b>	Aluminum Bronze
<b>C90500</b>	Tin Bronze "SAE 62"	<b>C95300</b>	Aluminum Bronze
<b>C90700</b>	Tin Bronze "SAE 65"	<b>C95400</b>	Aluminum Bronze "9C"
<b>C91000</b>	Tin Bronze	<b>C95500</b>	Nickel Aluminum Bronze "9D"
<b>C91100</b>	Tin Bronze	<b>C95510</b>	Nickel Aluminum Bronze (AMS4880)
<b>C91700</b>	Nickel Tin Bronze	<b>C95520</b>	Nickel Aluminum Bronze (AMS 4881)
<b>C92200</b>	Leaded Tin Bronze "Navy M"	<b>C95800</b>	Alpha Nickel Aluminum Bronze
<b>C92300</b>	Leaded Tin Bronze	<b>C95900</b>	Aluminum Bronze
<b>C92500</b>	Leaded Tin Bronze	<b>C96900</b>	Nickel Tin Bronze "Spinodal"
<b>C92600</b>	Commercial Leaded Tin Bronze	<b>C96970</b>	Nickel Tin Bronze "Spinodal"
<b>C92700</b>	Leaded Tin Bronze	<b>C97600</b>	Nickel Silver Bronze "Dairy Metal"
<b>C92800</b>	Leaded Tin Bronze	<b>C97800</b>	Nickel Silver Bronze "25%"
<b>C92900</b>	Leaded Nickel Tin Bronze	<b>C99350</b>	XX Minox Metal
<b>C93200</b>	High Leaded Tin Bronze "SAE 660"	<b>C99500</b>	NBM Stem Bronze (Lead Free Bronze)
<b>C93400</b>	High Leaded Tin Bronze	<b>NBM 37Rc</b>	Die Bronze For Stainless Steel
<b>C93600</b>	High Leaded Tin Bronze		

\* Other C80000 & C90000 Alloys not listed can be made to order

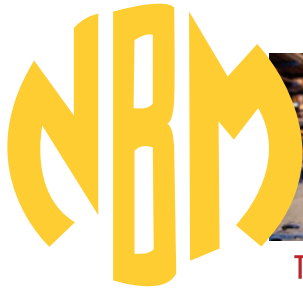
**U.S.A.**  
**TEL. 713-869-9600**  
**FAX. 713-869-9124**  
**FAX. 713-869-2897**  
**sales@nbmmetals.com**

**EUROPE**  
**TEL. + 33 494 109 386**  
**FAX. + 33 494 151 227**  
**info@nbmmetals.com**



**HOUSTON, TX • LORAIN, OH • TOULON, FRANCE**

**www.nbmmetals.com**



# NATIONAL BRONZE & METALS, INC.

TEL. 713-869-9600 FAX 713-869-9124 FAX 713-869-2897 sales@nbmmetals.com

	INCHES	MM		INCHES	MM
	$\frac{1}{64}$	.015625		$\frac{33}{64}$	.515625
	$\frac{1}{32}$	.03125		$\frac{35}{64}$	.546875
$\frac{1}{16}$	$\frac{3}{64}$	.046875	$\frac{9}{16}$	$\frac{37}{64}$	.578125
	$\frac{5}{64}$	.078125		$\frac{39}{64}$	.609375
	$\frac{7}{64}$	.109375	$\frac{5}{8}$	$\frac{41}{64}$	.640625
$\frac{1}{8}$	$\frac{9}{64}$	.140625		$\frac{43}{64}$	.671875
	$\frac{11}{64}$	.171875	$\frac{11}{16}$	$\frac{45}{64}$	.703125
	$\frac{13}{64}$	.203125		$\frac{47}{64}$	.734375
	$\frac{15}{64}$	.234375	$\frac{3}{4}$	$\frac{49}{64}$	.765625
$\frac{3}{16}$	$\frac{17}{64}$	.265625		$\frac{51}{64}$	.796875
	$\frac{19}{64}$	.296875	$\frac{13}{16}$	$\frac{53}{64}$	.828125
	$\frac{21}{64}$	.328125		$\frac{55}{64}$	.859375
	$\frac{23}{64}$	.359375	$\frac{7}{8}$	$\frac{57}{64}$	.890625
$\frac{1}{4}$	$\frac{25}{64}$	.390625		$\frac{59}{64}$	.921875
	$\frac{27}{64}$	.421875	$\frac{15}{16}$	$\frac{61}{64}$	.953125
	$\frac{29}{64}$	.453125		$\frac{63}{64}$	.984375
	$\frac{31}{64}$	.484375	$\frac{1}{2}$	1.000	25.40000
$\frac{5}{16}$		.3125			
		.79375			
		1.19063			
		1.58750			
		1.98438			
		2.38125			
		2.77813			
		3.17500			
		3.57188			
		3.96875			
		4.36563			
		4.76250			
		5.15938			
		5.55625			
		5.95313			
		6.35000			
		6.74688			
		7.14375			
		7.54063			
		7.93750			
		8.33438			
		8.73125			
		9.12813			
		9.52500			
		9.92188			
		10.31875			
		10.71563			
		11.11250			
		11.50938			
		11.90625			
		12.30313			
		12.70000			