



# C67410

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# MANGANESE BRONZE

LEADING MANUFACTURER & MASTER DISTRIBUTOR OF BRASS, BRONZE, & COPPER ALLOYS

**NEW UT TESTED**



## Offered in solid bars.

The C67410 alloy aids in lubrication, better heat transfer and tighter machined tolerances and long life. This material is generally more economical than traditional nickel aluminum bronze with increased performance.

## Sizes Available From NBM

SOLID BAR . . . . . 1/4" - 4" diameter

## Spec Equivalents

SAE J463  
DIN 17660 - Chemical  
DIN 17672 - Mechanical



## Chemical Composition\*

	Cu	Pb	Fe	Sn	Ni	Mn	Al	Sl	Zn
min-max	57.0-59.5%	.80% max	.70% max	.50% max	2% max	1.5-2.5	.5-2.0	.45-1.0	bal

\*We can modify the Chemical Composition to meet your in house requirements.

## Room Temp Tensile & Hardness Data

FORM	TEMPER	TENSILE STRENGTH (KSI) MIN	YIELD STRENGTH (KSI) MIN	ELONGATION IN HD MIN	BRINELL (3000 KG)
ROD	H04	90	60	14%	160

## Typical Uses

### Automotive

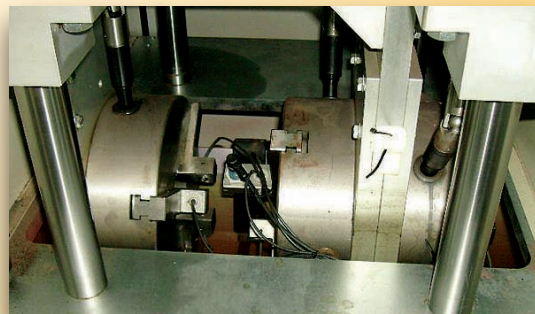
High Performance Automotive and Motorcycle Valve Guides, Bushings, Gear rings, Syncromesh Gears, Shafts, Cams, Wear Plates & Chain Guides

### Other

Connecting Rods, Bushings, Hydraulic Piston Shoes, Cylinder Liners, Linear Shaft Bearings

## Advantages

The higher iron content increases hardness over traditional nickel aluminum bronzes, allowing for tighter bore tolerance and longer valve life.



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