

## MATERIAL ORDERING DATA

IDN: N4523A 6008-0076

ICN: 38VW159602 KO: F24 KOI: 030

Paragraph 4 Ordering Data

### **ASTM-B-150, STANDARD SPECIFICATION FOR ALUMINUM BRONZE ROD, BAR, AND SHAPES, DATED 15 APRIL 2008**

Copper alloy UNS No. designation: C63200

Temper required: TQ50-quench hardened temper annealed

When Alloy UNS No. C63000 is specified, specify standard strength or high strength temper:  
N/A

Product cross-section: 227 in<sup>2</sup>

Dimensions (diameter or distance between parallel surfaces) and permissible variations, as specified in ASTM B 249:

Tolerances for Copper Alloy UNS No. C63020:

Diameter: 9-1/2"

Thickness: N/A

Width: N/A

Length: 12"

Shapes: Round Bar

Quantity required: 1

Product is being purchased for agency of the United States Government.

Copper alloy C61300 is intended for subsequent welding operations: yes

Certification, Chemical and Mechanical test reports are required. If chemical and mechanical test reports are ordered, elements unnamed in spec Table 1 shall be analyzed: yes . See Additional Requirements for any required limits on these elements.

Mill test report is not required.

Residual stress test is not required.

Ammonia vapor or mercurous nitrate test: N/A

For ammonia vapor test, PH value other than 10: N/A

If piston finish or shafting is required: N/A

Tensile test is not required for alloys with hardness requirements in Table 3.

Hexagons and octagons shall be furnished with corners rounded to a radius of 11% of the distance between parallel faces and tolerances of ASTM B249 Table 18.

Bar to be furnished with commercial square corners per ASTM B249 para 6.5.4.

Supplementary requirements:

S1. Referenced Documents

S2. Quality Assurance

S3. Identification Marking

S4. Preparation for Delivery

S4.1 Preservation, Packaging, Packing. Preservation & packaging to be Level N/A.  
Packing to be N/A

S4.2 Marking:

Additional Data Requirements:

TQ55 quenched hardened, tempered is acceptable.

MAX WT per piece not to exceed 1590 lbs for handling

Ultrasonic Test in accordance with T9074-AS-GIB-010/271 is required.

Any material which produces indications equal to or larger than the response from the referenced hole of which produces a complete loss of back reflection shall be rejected.

Prepared By: **M. Hickerson**

Code: **127.2**

SELECTION: INTXT  
01/12/16 11:46:33

ITEM:

OPTION:

DATE: 011216

TEXT INQUIRY

TYPE: 1  
KEY 2:

RELATION: ED

KEY 1: 211079800-UT  
KEY 3:

TITLE:

5 TO 6 FT LGTHS	L
MAX WT PER PIECE NOT TO EXCEED 1590 LBS-FOR HANDLING	L
ULTRASONICALLY TESTED FOR SOUNDNESS IAW THE FOLLOWING:	L
ULTRASONIC TESTING SHALL BE PERFORMED IN ACCORDANCE WITH MIL-STD-271.	L
ANY MATERIAL WHICH PRODUCES INDICATIONS EQUAL TO OR LARGER THAN THE	L
RESPONSE FROM THE REFERENCED HOLE OR WHICH PRODUCES A COMPLTETE LOSS	L
OF BACK REFLECTION SHALL BE REJECTED.	L
EITHER TQ50 OR TQ55 TEMPER IS ACCEPTABLE	L
\$CFE A579314-1 & CFE A552472-2 (FOR U.T.) \$CFE A560814-0(TO ADD	L
SPECIAL U.T. REQMNTS FR PREVIOUS CFES) 1/19/94	L

NO MORE TEXT EXISTS