sales@mozaicprecision.com
847-637-8379

C67300 Manganese Bronze

673 bronze | UNS C67300 | Wrought copper-zinc alloy

C67300, commonly sold as 673 manganese bronze, is a wrought copper-zinc alloy selected for wear components, bushings, bearings, pins and machined fasteners. Despite the name “bronze,” it is not an aluminum-bronze grade.

GRADE & REFERENCE DATA

Property / designation	Reference specification or typical value
Alloy designation	UNS C67300 | 673 manganese bronze
Alloy family	Wrought copper-zinc alloy commonly marketed as manganese bronze
Copper, Cu	58.0–63.0 wt%
Lead, Pb	0.40–3.0 wt%
Manganese, Mn	2.0–3.5 wt%
Silicon, Si	0.50–1.5 wt%
Zinc, Zn	Balance
Density	Approx. 8.3 g/cm³ (reference value)
Illustrative strength, specific condition	H02 bar up to 1 in dia.: min. tensile 65 ksi, min. yield 40 ksi

TYPICAL APPLICATIONS

- Wear components and bearings
- Pins, lead-screw nuts and machined fasteners
- General-purpose machined bronze components

WHAT TO SPECIFY IN AN RFQ

Specify temper, starting and finished diameter, length, quantity, tolerance, surface finish, and documentation requirements. Mechanical properties vary by size, temper and specification.

MATERIAL SELECTION NOTE

If the application specifically requires aluminum bronze, compare C954 rather than assuming all “bronze” grades are interchangeable.

MOZAIC ROUND-BAR PROCESSING

Reference data only. Not a mill test report, certificate of conformity or inventory guarantee.

sales@mozaicprecision.com
847-637-8379

Round-bar sourcing review • centerless grinding • straightening • cutting • protective packaging

Material page: https://mozaicprecision.com/material/673-bronze/

Source: Wieland Concast UNS C67300 reference data

Reference data only. Not a mill test report, certificate of conformity or inventory guarantee.