

# C68600

# MANGANESE BRONZE

## DESCRIPTION

C68600 is a high tensile brass containing tin and manganese. Its principal characteristics are high strength, toughness and excellent resistance to corrosion. It is characterized by excellent forgeability combined with good soldering and brazing properties.

## CHEMICAL COMPOSITION

Elements	Min (%)	Max (%)
vCu	56.00	60.00
Pb	0.50	1.00
Sn	0.20	1.00
Fe	0.50	1.20
Mn	0.30	2.00
Zn	Remainder	

## MECHANICAL PROPERTIES ACCORDING TO UNS GRADE C68600

Mechanical property requirements, if any, are to be established by agreement between the manufacturer and the purchaser.

## PHYSICAL PROPERTIES

No physical properties for this alloy

8.19

## FABRICATION PROPERTIES

No fabrication properties for this alloy

## TYPICAL USES

- > Industrial
- > Clutch disks
- > Shafting
- > Pump rods
- > Fasteners
- > Valve stem
- > Valve bodies
- > Balls
- > Bushings
- > Aircraft part
- > Marine hardware

