### **DESCRIPTION**

Manganese bronze contains small additions of manganese, iron, plus lead for lubricity, anti-seizing, and bonding. Like the aluminium bronzes, they combine high strength with excellent corrosion resistance.

# **CHEMICAL COMPOSITION**

Elements			Min (%)				Max (%)			
60	Cu	, SMETH	a litterile	56.00		5	MEIR	60.00	Political	
(E/P	Pb	BUHATA	40	- NS	15/11/	C. Seller		0.05	. 15	c Mi
· IANE MI	Sn	-	all the	0.75	RAJHAN*	7		1.10	SME	C. B. HARRY
Bury	Al	METAL	.uns M	HUIPII -	c	5	TALS	0.01		4.
, als	Fe	THUR.	Bay	0.25	of the same	·HINE	FIFT	1.30	C-	NEI PLES
NE ME	Mn	by.	, N.S	0.01	NHW.	bl.		0.50	[RIL	.HANE MI
ed illa	SI		US ME	0.04	62.	5		0.15		Fro.
	Total Others	ATTE PART PART	Hiller	-	THE	NE MET	QR.JHAIN'S	0.50		, NS
WEIRIN	<sub>III</sub> IIII Zn 🕬	70	C.	WEIN'S	THE MILE	Remain	nder	(ALS		S ME I

### **MECHANICAL PROPERTIES ACCORDING TO UNS C68100**

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

#### PHYSICAL PROPERTIES

Density g/cm² at 68°F	Sep.	all S	8.19
Specific Gravity	TALS	NE ME	8.19

# **FABRICATION PROPERTIES**

No Fabrication properties for this alloy.	
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#### TYPICAL USES

Industrial