

### Tobin Bronze S221

AWS A5.8 RBCuZn-A / EN 14640: CuZn40 / GB9460: SCu6810A

A copper-zinc brazing filler metal containing small amounts of tin to improve strength and corrosion resistance in the weld deposit. It is a good choice when the high strength properties of low fuming bronze are not required.

Cu	Zn	Sn	Pb	Al	Other
59.5	Rem	0.52	0.03	0.008	0.50

### Manganese Bronze S222

AWS A5.8 RBCuZn-C / EN 14640: CuZn40SnSi/GB9460: SCu6810

Low fuming self fluxing manganese bronze filler rod, Ideal for braze welding of malleable iron, steel & cast iron. Also used as a maintenance rod. Its high bond strength makes it suitable for use in a wide range of self-fluxing applications. \*\*Available in Mig wires & flux coated rods available.

Cu	Zn	Sn	Fe	Mn	Ni	Pb	Al	Si	Other
58	Rem	0.92	0.45	0.28	0.001	0.045	0.004	0.08	0.50

### Nickle Bronze S225

AWS A5.8 RBCuZn-D/ EN 14640: CuZn40Ni10 / GB9460: SCu7730

A premium quality bronze rod for maximum bond strength in braze welds on steel & cast iron & has excellent hardness & wear resisting properties. It is also excellent for fusion welding of copper-zinc alloys of similar composition & for brazing of nickel & nickel based alloys where high temperature is acceptable.

\*\*Available in Mig wires & flux coated rods available.

Cu	Zn	Sn	Fe	Mn	Ni	Pb	Al	Si	Other
49	Rem	0.92	0.05	0.04	10.5	0.01	0.002	0.10	0.50

### Silicon Bronze S211

AWS A5.8 ERCuSi-A/ EN 14640: CuSi3Mn/ GB9460: SCu6560

Premium silicon bronze filler rod gives excellent joints on copper to silicon & copper to zinc base metals & to steel. Also used in the hot water and marine industries due to its tensile strength and superior resistance to corrosion.

\*\*Available in Mig wires & flux coated rods available.

### Typical Chemical Compositon:

Cu	Zn	Sn	Fe	Mn	Ni	Pb	Al	Si	Other
Rem	1.0	1.0	0.5	1.5	0	0.02	0.01	3.4	0.50