



CZ115 / CW722R

EQUIVALENT SPECIFICATION

Grade: CZ115 / CW722R

Standard: BS 2874

CHEMICAL SPECIFICATION

Cu	Pb	Fe	Zn	imp	Sn	Al	Mn		
56.5 - 58.5	0.5 - 1.5	0.3 - 1	Rem	0.5	0.2 - 0.8	0.1	0.5 - 2.0		

DESCRIPTION:

CZ115 / CW722R consists of a duplex structure and is a high tensile brass with a restricted Aluminium content, enabling it to be soldered and brazed. Similar in composition to the CW721/CZ114 (Aluminium content aside) this grade it was developed to allow high strength brass components to be joined. Sometimes referred to as a Manganese Bronze the CW722R / CZ115 has additions of Iron Tin & Manganese that benefit the physical and mechanical attributes of the alloy.

The tin and Iron additions impart higher strength levels, while the tin also improves the corrosion resistance. The CW722R / CW115 also offers good fabrication properties with a very good machinability rating, ease of hot forging and the ability to lend itself to finish plating.

TYPICAL APPLICATIONS:

gas valves and fittings, fasteners, pump trim, gears, locks, heavy-duty electrical connectors, transmission components, marine hardware, safety tools and decorative metalwork.

PRODUCT

Rods & Bars
Hollow
Sections & Profiles
Ingots
Billets

SIZE RANGE

Dia. 8.00 mm to 101.00 mm

OTHER ALLOYS

Free Cutting Brass
Forging Brass
Naval Brass
Leaded Brass

Lead Free Brass
Silicon Brass
Eco Brass
DZR Brass

Low Leaded Brass
High tensile Brass
Bismuth Bronze
Copper & Copper Alloys



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