



Quick Facts

- Aluminium Bronze
- Also known as CW307G or CuAl10Ni5Fe4
- Excellent corrosion resistance
- High temperature mechanical figures
- Non-sparking

Typical Applications

Marine Valves, fasteners, pumps and rigging equipment

Stock Range

We stock a comprehensive range of round bar sizes between 20 – 203.2mm dia. We can also supply flat bar, rings, blocks and slabs.

Primarily manufactured in Europe

Industry Specifications

- BS B23 (1991)
- DTD 197A
- BS EN12163 (2016)
- BS EN12167 (2016)

Material may also be supplied to Customer specifications, subject to enquiry

Chemical Analysis

Typical analysis:

	Al	Mn	Ni	Fe	Cu	-
Min	8.5	-	4.0	4.0	-	%
Max	11.0	0.5	5.5	5.5	BAL	%



Mechanical Properties

Typical properties:

Tensile PSI (MPA) min	Yield (0.2% offset), PSI (MPA) Min	Elongation in 2" or 4D min%	Hardness (Brinell)
101,000 (650)	53,000 (370)	12	179-255

All material we supply has full traceability with inspection certification in accordance with BS EN 10402 3.1. We can supply material with intent of BS EN 10402 3.2 inspection certification on request.

We have onsite PCN and SNT Level II inspectors who can test material to your requirements.

All information included in this sheet is intended as a guide only and is correct to the best of our knowledge.