

AEROCOM

AEROSPACE AND MOTORSPORT METALS

Suppliers of aerospace materials specific to the aircraft seating and interior industry

GENERAL & SALES ENQUIRIES

02476 645 551

sales@aerocommetals.co.uk

CA 104 / BSB23 / DTD 197A

The CA104 material is classed as a 10/5/5 Aluminium Bronze and is the most commonly used grade within the UK. It is mainly utilised for its high strength and its excellent resistance to erosion and corrosion in seawater and many other aggressive environments. In addition this alloy also offers very good wear and abrasion resistance, an ability to withstand shock loading and the retention of properties at cryogenic temperatures.



Purchased to conform to the aerospace standards BSB23 and DTD197A. This material is ordered to be triple released to ensure the customer has the exact specification they require.

Key Features

- » *Very high resistance to erosion & corrosion*
- » *High strength & toughness*
- » *Very high resistance to galling and wear*
- » *Non-sparking*
- » *Enhanced mechanical properties at sub-zero temperatures*

CA 104 / BSB23 / DTD 197A COMMON APPLICATIONS

Offshore & Marine

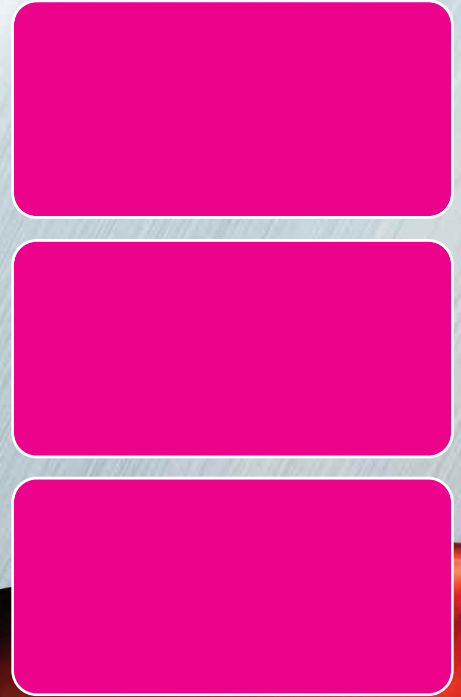
Valve and pump components, as well as marine hardware, high strength fasteners. Valve and pump components, as well as marine hardware, high strength fasteners.

Aerospace

High strength fasteners, springs, thrust washers and bearing bushes. High strength fasteners, springs, thrust washers and bearing bushes. High strength fasteners, springs, thrust

Other

Gears, bearing races, valve stems, valve seats, worm gears, bearings, bushes, cams, pump rods and safety tools. Gears, bearing races, valve stems, valve seats, worm gears, bearings, bushes, cams,



CHEMICAL COMPOSITION (WEIGHT%)

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MINIMUM / MAXIMUM

CU	AL	FE	NI	MN	MG	PB	SI	SN	ZN
BAL	8.00	4.00	4.00						
BAL	11.00	6.00	6.00	0.50	0.10	0.05	0.25	0.20	0.50

AEROCOM
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