

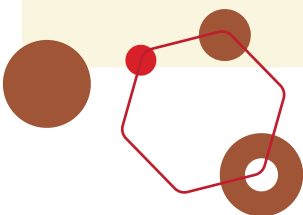


WROUGHT BRONZES RODS AND BARS

TRIP MATERIALS offers a wide range of wrought bronzes rods and bars, in various sizes and shapes. Bronze is a material with high corrosion resistance, having multiple uses, especially in the chemical and petrochemical industry.

We have over 80 years of experience in the production of brass, bronze and copper semi-finished products.

- Production to the highest quality standards
- Fast offer
- Manufacturer prices
- Fast delivery directly from stock or on order
- Transport assured at request
- Technical consultancy



www.tripmaterials.ch

We provide products and services at the highest quality standards to satisfy the most demanding customers requirements.

WROUGHT BRONZES RODS AND BARS



ALLOY STANDARDS AND SYMBOLS

Correspondent alloys		Standards	Applications
Alloys as per EN standards	Alloys as per ASTM standards		
CW302G (CuAl7Si2)	C64200 (CuAl7Si2)	EN 12163 EN 12165 EN 12167 ASTM B124/B124M ASTM B150/B150M ASTM B151/B151M	Bearings for high mechanical stress
CW306G (CuAl10Fe3Mn2)	—		
CW307G (CuAl10Ni5Fe4)	C63000 (CuAl10Ni5Fe3)		Parts for equipments in the chemical industry
—	C63200 (CuAl9Ni4.5Fe4Mn1.5)		Propellers and shafts, pumps, valves
CW352H (CuNi10Fe1Mn)	C70600 (CuNi10Fe1Mn)		Bearing housings, bushings and fasteners
			Valves, components for pumps, fittings and various other components for ships and petrochemistry

SHAPES AND DIMENSIONS

Shape	Manufacturing Process	Dimensions	Temper*
	Hot extruded	Diameter: 16-140 mm For CW307G alloy: 16-90 mm For CW352H alloy: 16-120 mm	As per EN standards: M – hot extruded MS – cold drawn and stress relieved <u>Annealed: R280 / H070</u> <u>Half hard:</u> H120; R680 / H170; R350 / H100 <u>Hard: R740 / H200</u> As per ASTM standards: M30 – hot extruded O30 – hot extruded and annealed O60 – annealed H50 – hot extruded and cold drawn HR50 – cold drawn and stress relieved H04 – hard <small>*Temper depends on alloy and standard.</small> Rods made of CW302G alloy are offered only hot extruded
	Cold drawn	Diameter: 16-60 mm (only for CW306G, CW307G and CW352H alloys)	
	Hot extruded	Side: 20-80 mm	
	Hot extruded	Across flat: 20-80 mm	
	Hot extruded	Width: 20-100 mm Thickness: 10-50 mm Section area: < 5000 mm² Width / thickness ratio: max.10	

By request, TRIP MATERIALS can offer rods and bars made of other wrought bronzes.