



SHREE EXTRUSIONS LIMITED

C65620

SILICON BRONZE (AMS 4616)

ASTM 4616

C65620 is a special high strength silicon bronze; the additional iron content provides added strength in conjunction with the self lubricity of the silicon for excellent bearing and load properties. C65620 / AMS 4616 is easily machined into ball bearing cage assemblies!

Typical Uses for C65620 Silicon Bronze:

AUTOMOTIVE: Automotive Rectifiers **ELECTRICAL:** Transistor Component Bases, High Resistance-Ratio Cryogenic Shunts, Bus Conductors, Wave Guides, Hollow Conductors, Anodes for Vacuum Tubes, Coaxial Cable, Coaxial Tube, Klystrons, Microwave Tubes, Bus Bars, Lead-in Wire, Vacuum Seals, Conductors, Glass-to-Metal Seals

CHEMICAL COMPOSITION

	Cu	Fe	Mn	Si	Zn
Min/Max	90	1.0-2.0	1.0	2.4-4.0	1.5-4.0
Nominals	-	-	-	-	-

SIZES AVAILABLE :

ROUND RODS

8mm To 100 mm

HEX

10mm To 60mm

SQUARE

10mm To 60mm

FLAT

10mm Min Thickness and max Width 120mm

BILLETS

Up to 200 mm

INGOTS

As per Specification

Regd. Office & Works:

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NABL / ISO : 15189
Accreditation Number M - 0000



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