



## C49260 – Lead Free Bismuth Brass (GEM Brass)

### EQUIVALENT SPECIFICATION

Grade: C49260 Lead Free Bismuth Brass (Gem Brass)  
Standard: B-974

### CHEMICAL SPECIFICATION

Cu	Pb	Fe	Zn	Imp.	Sn	Si	P	Cd	Bi
58 - 63	0.09	0.5	Rem	0.5	0.5	0.1	0.05 - 0.1	0.001	0.5 - 1.8

### DESCRIPTION:

Free-cutting bismuth brass rod, bar and wire of UNS Alloy No. C49260 is suitable for high-speed screw machine work, or for general applications. As it has low % of Lead it is used as a replacement for Free Cutting Leaded Brass and at those places where ROHS is applicable. Achieved the closest machinability to the traditional material with lead in all aspects including machining resistance, shape of chips and tool life etc. No requirement of special care for the fact of no use of lead from high to low temperature range and no need of setting changes throughout the forging process.

### TYPICAL APPLICATIONS:

Electrical Components, inserts & Other machining components.

### 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



### CONTACT US AT



sales@jalarammetalalloys.com



Plot No. 457, G.I.D.C. Shankar Tekri  
Udyognagar, Jamnagar-361004,  
Gujarat, INDIA

### NIKET SHAH

+91 9879 234 953  
+91 9825 124 243