Copper Bars and Rods

Product Name	Copper Bars and Rods
Description	Copper bars and rods are widely used for electrical purposes due to their high conductivity and shaping ability. They are manufactured on the basis of EN 13601 provisions. Rods intended for treatment by forging are manufactured as per EN 12165 standard.

DATI TECNICI
TECHNICAL DATA

Assortment			
MATERIAL	**SEMI-PRODUCT**	**SIZES mm**	**DELIVERY FORM**
COPPER: Cu-ETP Cu-HCP Cu-DHP	Bars	Thickness: 2 - 25 Width: 5 - 120*	Round rods of up to 18 mm dias and hexagons of up to 16 mm width across flats can be delivered in coils or straight lengths, (max. coilweight 100 kgs). Lengths: fabricating (2-4 m) & fixed (1-4m).
	Round rods	3,0 - 80	
	Square rods	4,0 - 50	
	Hexagonal rods	4,0 - 65	
LOW-ALLOYED COPPER CuNi1,5Si CuNi2Si	Round rods	9 - 60	Fabricating (2-4 m) & fixed (1-4 m) lengths
	Hexagonal rods	20 - 40	Fabricating (2-4 m) & fixed (1-4 m) lengths

*depending on thickness

APPLICATION

Copper bars and rods are designed for a variety of industrial applications and for different installations and structure elements in construction sector.

STANDARD

Rods from copper and low-alloyed copper alloys for general purpose are manufactured according to EN 12163, and for deformation by forging according to EN 12165. Bars from the same alloys, intended also for general purposes, are made according to EN 12167.

Copper bars and rods are manufactured according to EN, DIN, GOST, BS or other world standards and special customers' requests as well. Such requests may be related to tighter tolerances, fulfillment of specific engineering characteristics, narrower range of mechanical properties, particular surface finish and other characteristics specified to satisfy a targeted application.