



Metal Alloys Corporation



NICKEL SILVER

EQUIVALENT SPECIFICATIONS

SPECIFICATIONS	DESIGNATION
ISO	CuZn28Sn1
European	CuZn28Sn1As
BS	CZ 111
JIS	C 4430
Russian	L62-1

Addition of nickel imparts a silvery-yellow color to these alloys when they are sanded or polished. They offer excellent strength and corrosion resistance. These alloys are difficult to extrude and are limited to relatively simple shapes with heavier walls. The "As Extruded" finish of C77600 is gray. Polishing of either alloy reveals the yellow tinted silvery color approaching stainless steel in appearance.

TYPICAL APPLICATIONS:

Industrial: Decorative Molding, Elevator Sills, Hardware, Architectural

CHEMICAL COMPOSITION

	Cu	Fe	Pb	Sn	Zn	Ni	Mn
Min./Max.	42-45	0-.20	0-.25	0-.15	Rem	12-14	0-.25

MECHANICAL PROPERTIES*

Form	Temper Code	Tensile Strength (ksi)	Elongation (%)	Rockwell B scale	YS-0.2% Offset
Extrusions	M30	91 Typ	30 Typ	83 Typ	47 Typ

* Measured at room temperature, 68 °F (20 °C).

SIZES AVAILABLE :

HOLLOW RODS	Min Bore Size 20 mm and Max OD 100 mm
ROUND RODS/BARS	6mm To 130 mm
HEX	5mm To 60mm
SQUARE	4mm To 60mm
FLAT	5mm Min Thickness and max Width 120mm
PROFILES / SECTIONS	AS per Customer Drawing
BILLETS	Up to 200 mm
INGOTS	AS per Specification

Regd. Office & Plant

Plot No. 6 & 7, Village: Lakhavaval, Post: Khodiyar Colony, Jamnagar - 361006.

Tel.: +91-288-2889251 / 52, Fax: +91-288-2889223, Cell: +91-9924443396

Email: info@metalalloyscorp.com • web: www.metalalloyscorp.com



ENGINEERS INDIA LIMITED
(A Govt. of India Undertaking)