



SHREE EXTRUSIONS LIMITED



C77600 NICKEL SILVER

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

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NABL / ISO : 15189
Accreditation Number M - 0000



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