



## GENERAL SUMMARY OF MATERIAL AVAILABLE WITH US

### STAINLESS STEEL, AUSTENITIC, FERITIC, MARTENSITIC

AISI- 301, 302, 303, 304, 304L, 304LN, 304N, 304H, 309, 310, 310S, 310H, 316, 316L, 316LN, 316N, 316L UREA GRADE, 316H, 316 Ti, 317L, 347, 347H, 321, 321H, 329, 330, 409, 409L, 409M, 410, 410S, 414, 416, 420, 430, 430F, 431, 431 'T', 440 A/B/C, 446F, 904L, 17.4 PH, ETC GRADES.

**HOLLOW BARS** :- As per your Required Size, Diameter, Bore & Required Length.

**SHAFT BARS** :- As per ASTM-a 276, 479 & 489 Round, Square, Hexagonal in sizes of 1/16" & above in As Rolled, Forged, Bright, peeling/Machined–Polished Shaft & Export Quality Round Bars . Rounds available in Coil forms. Wires in annealed, soft, quarter hard, half hard, & hardened & tempered Conditioning cut to length & in Coil form. Hollow Bars available.

**PIPES** :- Seamless, Semi-Welded, ERW Pipes, Tubes, Heat Exchanger Pipes & Tubes as per ASTM A 213, 312, 358, 270, 249 etc . in 1 / 8 " OD /NB & above, also huge diameters fabricated pipes in all wall Thk of 27 swg to 36 mm & in all Schedule Thk, in Solution Annealed, Half Hard & Hardened Condition . Tubes / Pipes available in Coil form & 'U' Bend. Injection Tubes & Dairy Polished Tubes / Pipes Available .

**SHEETS** :- As per ASTM A 240 Imported & Indian in HR & CR Condition in the Thk of 0.01mm up to 150mm in Width of 1mtr , 4ft, 5ft, 6ft , 2mtr, 8ft, 10ft & above width in st&ard length or your required length , also in coil form. Also can be made available in cut strips in coil form or in straight length as per your required size, width & length. Sheets / coils available in all finishes viz. No.1, 2B, 2D, 4 Mirror, BA, Hairline, Matt Finish, PVC Coated. We stock all types of Design sheets for Architectual & Interior Decorative Purposes . Sheets/Coils available in EDD . DD Quarter Hard, Half Hard & Spring Hardened & Tempered Condition in all Grades . Also available Perforated Sheet / Coil, Wire-Mesh, Wire Cloth, Filters Etc as per your Mesh Sizes .

**S.S. STRUCTURALS** :- Angle, Channel, Unequal angle/Channel, Beams, Flats ,fabricated Structures etc as per your Drawings & Specification. Profiles Done.

**NICKEL ALLOYS** :- Nickel –200, Monel-400, Inconel-600, 601, 625, Incoloy, Alloy-800, 825, DS, Nichrome, Titanium, Zirconium, Zirconium etc. else, in all Grades in form of Plates, Sheets, Coils, Shims, Flats, Pipes, Tubes, Structurals, Pipe Fittings, Rounds, Shafts, Forging, Wire, Wire Mesh, etc.

**COPPER & CUPPRO NICKEL** :- (90/10 & 70/30 ) & ALLOYS as per BS & IS St&ard, Seamless- Solid Drawn & Annealed Tubes & Pipes in 1/8" OD To 16" OD & Above & wall Thk of 27 Swg to 1 swg & Ditties & above Thk. Finned Tubes in all Sizes, Refrigeration Quality Super Annealed Copper Tubes & Capillary Tubes of all Sizes in length of 15, 30, 50, 100, 200, 1000 mtrs Coil Form & also in your cut to length Sizes, PVC Coated Copper, Cuppro Nickel Tubes/Coils & Multicore PVC Coated Pipes are also available.

**RODS, SHEETS** :-Cold Rolled & Hot Rolled High Conductivity Electrolytic Grade Copper & Copper Alloys viz. Cuppro-Nickel, Teelurium Copper, Cadmium Copper, Chromium Copper, Berryllium Copper, else all qualities in forms of Coils, Sheets, Plates (in all sizes 8' X 4' & ABOVE) in all Thk & cut to your sizes.

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# Kamal Metal Corporation



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**BRASS ( 70:30 & 63:37 ) PHOSPHOR BRONZE & ALLOY'S** :- Round bars, Square, Hexagonal, Strips, Bus Bars, Wires, Plates, Coils, Sheets, Shims, ( 8' x 4' & above ) in all Thk in cut to your sizes in Brass & Naval Brass. Brass Tubes, Pipes, Admiralty Brass Tubes, Aluminium Brass Tubes of all Sizes as per BS & IS Standards. Gun Metal, Phosphor Bronze, Aluminium Bronze (Extruded, Rolled, & Casting ) in forms of Rounds, Bushes, Flats etc in all Sizes & all Grades.

**ALUMINIUM & ALUMINIUM ALLOYS** :- AEROSPACE, DEFENCE & MARINE GRADES, As per IS, BS, Canada & Equivalent Specification in forms of Sheet, Coil, Shims, Rolls, Plates, Flats, Round Bars, Square, Hexagonal, Pipes, Square, & Rectangular Tube, Ingots, Pipe Fittings, & Plate Cuts & Sections PVC Coated Sheet & Coils available in all Finishes 1S, 2S, etc. Sheet, Coils, Plates, in various Tempers Conditions.

**CARBON STEEL & MILD STEEL & ALLOY STEEL**

**M.S. & C.S. TUBES** :- For Hydraulic Pressure Seamless Carbon Steel/Pipes of ASTM-A-106 Gr. A/B, ASTM A-53 in all Series, B.S. 3059 Part I & II, SA 179 & Other Grades IBR approved Pipes & Heat Exchanges Tubes. IS 1239 MS & Galvanised Pipes, Casing Pipes, ERW, Spiral Welded M.S. Rectangular, Oval & Square Tubes (CRCA & HR) in all Sizes, Thk & SCH & all grades.

**PLATES & STRUCTURALS** :- M.S.-HR/CR, G.I., Sheets, Coils in all Thk M.S. Plates Coils as per IS 2062 from 3mm to 150mm in width of 4', 5', 2mtr, 2.5mtr, 3mtr in length of 8', 10', 6mtr up to 12 meter Profiles Cutting available.

**CARBON STEEL BOILER QUALITY** :- Plates as per IS 2002, ASTM A 516 Gr 60 & 70, SA 537 CLASS 1, SA 285 Gr 'C' in all Thk. Profiles Cuttings Done.

**ALLOY STEEL** :- Pipes & Tubes as per ASTM A 333, 335 in all Grades & Sizes in all Sch Thk. Plates available as per ASTM A 387, SA 204 Gr. 'A', 'B', 15MO3 in all Grades & Sizes & Thk. Profiles done. Round Bars as per ASTM A 182 F11, F22, 3, 5, 9, & LF2.

**TOOL & DIE STEEL** :- All Grades of Imported & Indigenous, Maraging Steel, En-Series, Tool Steel, Silver, P-20, Hot Die Steel H-13, H-11 etc. HCHCR, WPS etc in forms of Rounds, Flats, Plates, Square, Hexagonal & Forged Block

**PIPES FITTINGS** :- S.S., C.S., A.S., Wrought Nickel & Nickel Alloys, Monel, Inconel, Alloy 20, Hastalloy, Titanium, Aluminium, Cuppro-Nickel etc. Pipe Fittings as per National & International Coded & Standards. ASTM, ASNE I-IIA-VIII-IX, BS, DIN, GOST, IS, ANSI-B-31.1, 31.3, 31.4, 31.8, ANSI B 16.9, 16.28, B16.11, B16.5, MSS-SP75, MSS-SP 43-IS in forms of 90°, 450, 1800, LR/SR. Elbows, Equal Tees, Reducer, Stubend, Cap, Cross, Mitter Bends, Cladded Pipe Fittings, Jacketed Fittings 1D, 1.5D, 2D, 3D, 5D, 10D LR Bends. Flanges Blind, Slipon (SORF), WNRF, Tan & Groove, Ring joint etc as per your Drawings & Standard Sizes.

**FOUNDRY & PLATING VIRGIN MATERIALS** :- Zinc Ingots (Special High Grade, prime Western Grade/GOB), Zinc Anodes, Nickel Plates/Briquettes (Inco/Russian/Falcon Breach etc make), Chromium Metals, Managanese Metals, Magnesium, Tin, Cobalt, Cadmium, Lead, Antimony, Silicon, Copper, Arsenic, all Ferro-Alloys, Low Carbon Ferro Chrome etc.

**LEAD METAL** :- Electrolytic, Commercial & Alloys, else all grade in form of Sheets, Coils, Plates, Flats, Pipes, Tubes, Rods, Ingots etc. in all Sizes.