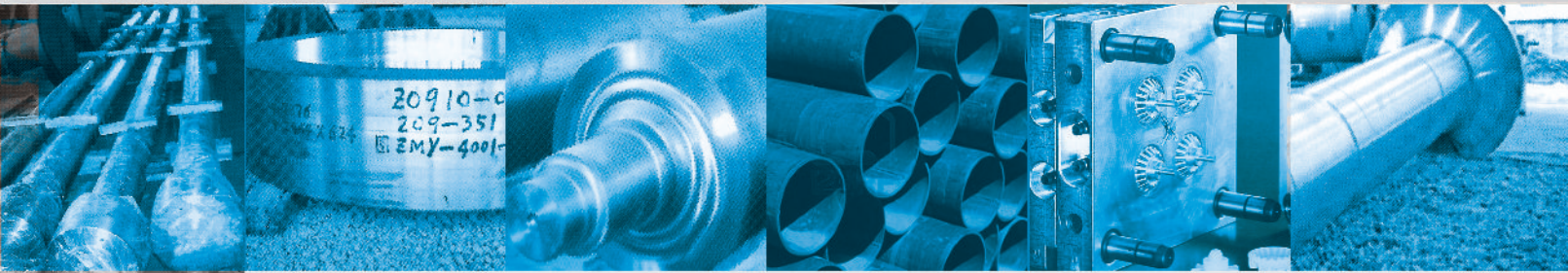




النافع للحديد
AL-NAFIE STEEL



Special Steels
Non-Ferrous Metals
Engineering Plastics



Special Steels

MILD STEELS & CARBON STEELS

Grade ASTM A **36**, S **275 JR**, ST **37-2**, ST **40**, ST **52-3**, S **355 JR**
 ASTM A **572 Gr.50**, ASTM A **572 Gr.55**, ST **60**,
 ASTM A **615 Gr.60**, C **22**, CK **45**, Gr.**8.8**, ASTM **F1554 Gr.55**

Available Sizes.

Hot Rolled or Hot Forged **Round Bar**
 From Diameter **6mm** up to Dia **850mm**

Cold Drawing Shafting **Round Bar**
 From Diameter **6mm** up to Dia **150mm**

Hot Rolled or Hot Forged **Flat Bar – Plates**
 From Thickness **10mm** up to Thick **650mm**

Hot Rolled or **Hollow Bar**
 From O. D. **30mm** up to O. D. **300mm**
 Different wall thicknesses from **10mm** up to **100mm**

Hot Rolled or Hot Forged **Hexagonal Bar**
 From **10mm** up to **80mm**

LOW ALLOY STEELS

Grade **42CrMo4 (4140)** **34CrNiMo6 (4340)**
(Q&T) **(Q&T)**

Round Bar
 From Diameter **16mm** up to Dia **800mm**

CAST IRONS

Grade **GG25, GG35 – GG500/7, FGS500**

Round Bar
 From Diameters **30mm** up to Dia **550mm**

WEAR RESISTANT STEELS

Grade **HARDOX 400, HARDOX 450, HARDOX 500**
HARDOX 550, HARDOX 600, HARDOX Hi Tuf

Plates
 From Thickness **3mm** up to **80mm**

HIGH STRENGTH STEELS

Grade **WELDOX 700 E**

Plate
 From Thickness **8mm** up to **12mm**

PLASTIC MOULD STEELS

Grade	1730 (CK45)
Hot Rolled or Hot Forged	Round Bar From Diameter 16mm up to Dia 850mm
Hot Rolled or Hot Forged	Flat Bar – Plates From Thickness 10mm up to Thick 650mm
Grade	2312 (P20) (Q&T)
Hot Rolled or Hot Forged	Round Bar From Diameter 30mm up to Dia 500mm
Hot Rolled or Hot Forged	Flat Bar – Plates From Thickness 20mm up to Thick 400mm
Grade	2738 (P20 + Ni) (Q&T)
Hot Rolled or Hot Forged	Round Bar From Diameter 30mm up to Dia 650mm
Hot Rolled or Hot Forged	Flat Bar – Plates From Thickness 20mm up to Thick 650mm
Grade	2083 (ESR) – Annealed
Hot Rolled or Hot Forged	Round Bar From Diameter 30mm up to Dia 120mm
Hot Rolled or Hot Forged	Flat Bar – Plates From Thickness 20mm up to Thick 400 mm
Grade	2316 (Q&T)
Hot Rolled or Hot Forged	Round Bar From Diameter 30mm up to Dia 400mm
Hot Rolled or Hot Forged	Flat Bar – Plates From Thickness 25mm up to Thick 200mm

COLD WORK TOOL STEELS

Grade	1.2080 (D3) / 1.2436 (D6) – Annealed
Hot Rolled or Hot Forged	Round Bar From Diameter 20mm up to Dia 400mm
Hot Rolled or Hot Forged	Flat Bar – Plates – Blocks From Thickness 10mm up to Thick 150mm
Grade	1.2379 (D2) – Annealed
Hot Rolled or Hot Forged	Round Bar From Diameter 16mm up to Dia 450mm
Hot Rolled or Hot Forged	Flat Bar – Plates From Thickness 10mm up to Thick 200mm
Grade	1.2363 (A2) – Annealed
Hot Rolled or Hot Forged	Round Bar From Diameter 20mm up to Dia 100mm
Hot Rolled or Hot Forged	Flat Bar – Plates From Thickness 10mm up to Thick 60mm
Grade	1.2767 (6F7) – Annealed
Hot Rolled or Hot Forged	Flat Bar – Plates From Thickness 20mm up to Thick 350mm
Grade	1.2510 (O1) – Annealed
Hot Rolled or Hot Forged	Round Bar From Diameter 20mm up to Dia 120mm
Hot Rolled or Hot Forged	Flat Bar – Plates From Thickness 10mm up to Thick 80mm
Grade	1.2550 (S1) – Annealed
Hot Rolled or Hot Forged	Round Bar From Diameter 16mm up to Dia 120mm
Grade	TOOLOX 33 (Q&T)
	Plates From Thickness 30mm up to 100mm
Grade	TOOLOX 44 (Q&T)
	Plates From Thickness 30mm up to 100mm

HOT WORK TOOL STEELS

Grade	1.2344 (H13) – Annealed – ESR
Hot Rolled or Hot Forged	Round Bar From Diameter 30mm up to Dia 450mm
Hot Rolled or Hot Forged	Flat Bar – Plates From Thickness 20mm up to Thick 300mm
Grade	1.2365 (H10) – Annealed – ESR
Hot Rolled or Hot Forged	Round Bar From Diameter 25mm up to Dia 100mm
Hot Rolled or Hot Forged	Flat Bar – Plates From Thickness 30mm up to Thick 100mm
Grade	1.2714 – Annealed
Hot Rolled or Hot Forged	Flat Bar – Plates From Thickness 20mm up to Thick 100mm
Grade	1.3343 (M2)
Hot Rolled or Hot Forged	Round Bar From Diameter 20mm up to Dia 200mm
Hot Rolled or Hot Forged	Flat Bar – Plates From Thickness 20mm up to Thick 50mm

Grade	304 / 304 L & 316 / 316 L
Sheets Finish 2B, BA No.4, No.8	From Thickness 0.3mm up to 3mm Sizes 1 meter x 2 meter or 1.25 meter x 2.5 meter
Tubes (Round) Finish 2B, No.4, No.8	From Dia ½" x up to 6" Wall Thickness from 0.8mm up to 3mm
Tubes (Square)	From 12 x 12mm up to 100 x 100mm x 6 meters
Tubes (Rectangular)	From 15 x 30mm up to 50 x 100mm x 6 meters
Welded Pipes	From Dia ½" x up to 6" SCH 10S SCH 40S .
Flat Bar	From Size 2 x 16mm up to 6 x 100mm x 6 meters
Angles	from 25 x 25mm up to 100 x 100mm x 6 meters
Plates	From thickness 3mm up to thick 30mm Size 1 meter x 2 meter up to 2 meters x 6 meters
Round Bar Rolled + Peeled	From Dia 6mm up to Dia 200mm
Grade	431
Round Bar Rolled + Peeled	From Dia 20mm up to Dia 160mm
Grade	310S
Round Bar	20mm up to Dia 100mm
Flat Bar	From Thickness 2mm up to Thick 120mm

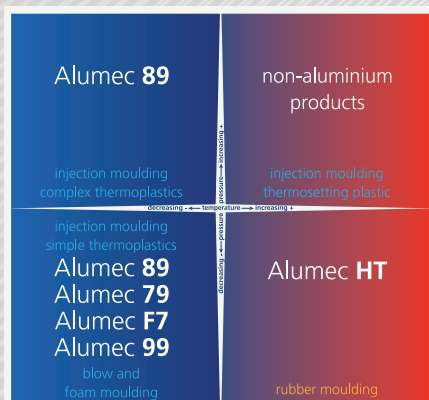


NON - FERROUS METALS

NON – FERROUS METALS

Aluminium

Grade	6061 Flat Bar – Plates From Thickness 10mm up to Thick 100mm
Grade	6082 Round Bar From Diameter 20mm up to Dia 450mm
Grade	7075 Round Bar From Diameter 50mm up to Dia 200mm
Grade	Alumec 89 Round Bar From Diameter 40mm up to Dia 200mm
	Flat Bar – Plates From Thickness 10mm up to Thick 300mm
Grade	Alumec 99 Plates From Thickness 30mm up to Thick 120mm
Grade	Alumec 79 Plates From Thickness 30mm up to Thick 100mm
Grade	1050 Sheets – Plates From Diameter 0.5mm up to Dia 30mm
	Coils From Thickness 0.5mm up to Thick 1.5mm
	Checkered Plates From Thickness 2mm up to Thick 6mm



BRASS

Free Cutting Brass

Round Bar

From Dia **6mm** up to Dia **150mm**

Hollow Bar

From O. D **30mm** up to O. D **308mm**

Hexagonal Bar

From **12mm** up to **60mm**

Sheets – Plates

From Thickness **0.5mm** up to Thick **10mm**

COPPER

Electrolytic Copper

Round Bar

From Dia **6mm** up to Dia **150mm**

Flat – Plates

From Thickness **1mm** up to Thick **50mm**

Beryllium Copper

Round Bar

From Dia **30mm** up to Dia **150mm**

Flat – Plates

From Thickness **20mm** up to Thick **100mm**

BRONZE

Tiger Bronze LG1 / LG2

Round Bar

From Dia **20mm** up to Dia **400mm**

Hollow Bar

From O. D. **30mm** up to O. D. **200mm**

Tiger Bronze(Phosphorus Bronze)

Round Bar

From Dia **30mm** up to Dia **300mm**

Aluminium Bronze

Round Bar

From Dia **30mm** up to Dia **280mm**

Nickel Aluminium Bronze

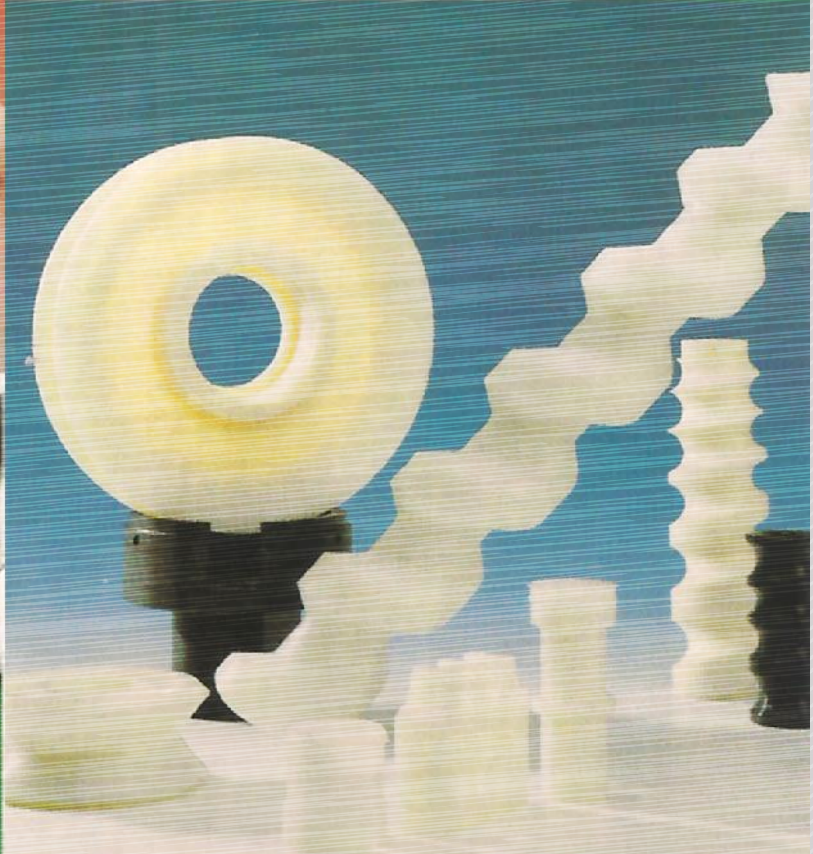
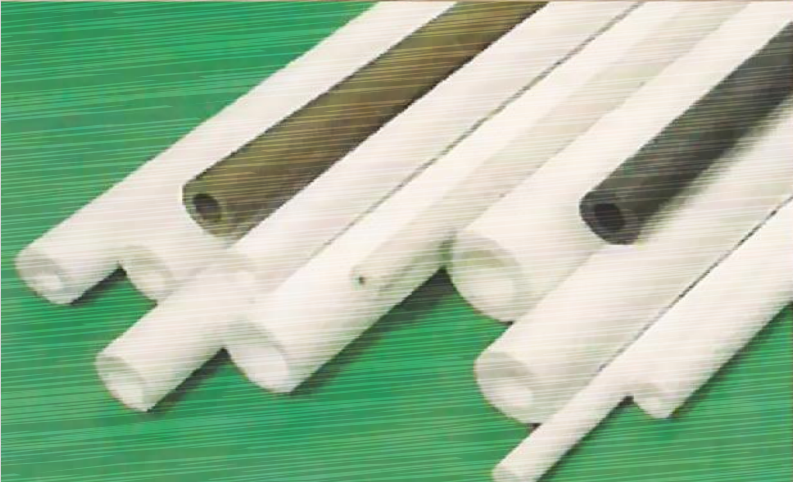
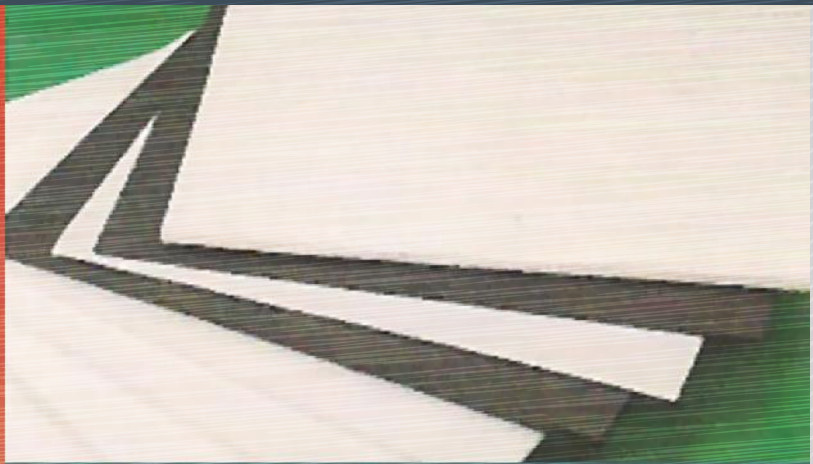
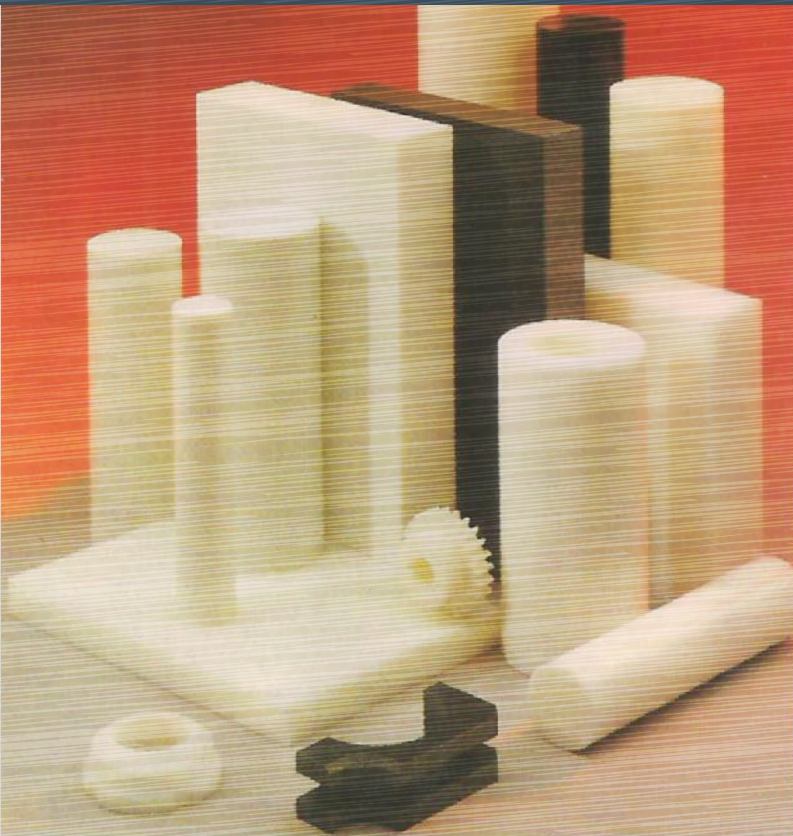
Round Bar

From Dia **30mm** up to Dia **300mm**

Manganese Bronze

Hollow Bar

From O. D. **30mm** up to O. D. **400mm**



ENGINEERING PLASTIC

Artylon (Nylon)

Grade **Polyamide (PA6)**

Round Bar

From Dia **20mm** up to Dia **300mm**

Grade **Polyacetal (POM)**

Round Bar

From Dia **20mm** up to Dia **350mm**

Plates

From Thickness **6mm** up to Thick **80mm**

Grade **Polyethylene (PEHD)**

Plates

From Thickness **5mm** up to Thick **80mm**

Grade Polytetrafluoroethylene Pure Teflon (PTFE)

Round Bar

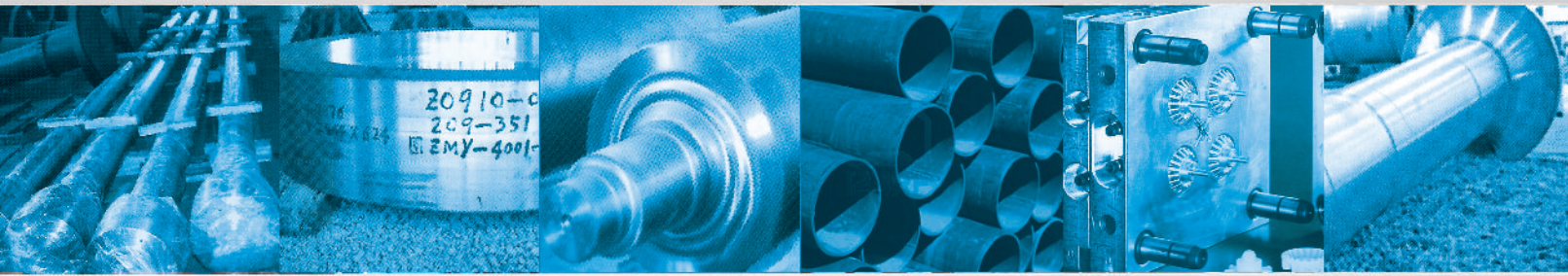
From Dia **8mm** up to Dia **255mm**

Plates

From Thickness **0.5mm** up to Thick **40mm**

Hollow Bar

From O. D. **9.5mm** up to O. D. **120mm**



شركة النافع للحديد المحدودة
Al-Nafie Steel Co. Ltd.

P.O.Box 520 Jeddah 21421 - Saudi Arabia

Jeddah: Head Office Tel. +966 2 6374444 Fax. +966 2 6375330

Riyadh: Structural Steel Branch Tel. +966 1 2428787 Fax +966 1 2428616

Riyadh: Special Steel Branch Tel. +966 1 2447752 Fax. +966 1 2448525

Dammam: Tel. +966 3 8450196 Fax. + 0966 3 84507050

Abu Dhabi-UAE: P.O. Box 129062 Tel. +971 25557811 Fax. +971 25557822



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