



...Your Solutions Provider

www.wingatealloys.com

In Stock for Immediate Shipment

ABRASION RESISTANT STEEL

Types AR 280 – 325 BHN
AR 360 – 425 BHN
AR 450 – 550 BHN

Avail. Plate, Bar, Wear-Strip,
HT Lug Plate, T-1

"High nickel content available upon request"

ALLOYS

Types 4130, 4140, 4150, 4340,
6150, 8620, 52100

Avail. Bar, Plate, Strips,
Hex, Tubing

Cond. Annealed, Heat Treated

Misc. High Nickel, Tungsten,
Chrome Plated Shafting

ALUMINUM

Types 1100, 2011, 2017, 2024
3003, 5052, 6061, 7075

Avail. Bar, Plate, Tubing,
Extrusions, *Structurals*

Cond. All Tempers

CHROME CARBIDE OVERLAY

Types Single Pass
Double Pass

Sizes Stk 48" x 96", 48" x 120",
60" x 120"

Avail. Cut to Size, Shapes, Pipe

Misc. Roll or Form to Prints

COPPER, BRASS, BRONZE

Avail. Bar, Flat, Sheet, Coil,
Tubing

Cond. All Grades, Tempers

Misc. Stock Ampco, Self-
Lubricating Bronze

ENGINEERED POLYMERS

Types UHMW, Urethane, Nylon
Teflon, Lexan, Plexiglas

Avail. Bar, Plate, Extrusions,
Tubing, Special Shapes

Misc. UHMW—Corrosion/Moisture
Resistant, UV Stabilized, FDA

HIGH MANGANESE (14%)

Avail. Plate, Bar, Wear-Strip

Applic. Wear Parts with High
Impact, Rock Crushers,
Shot Blast Equipment

Misc. Work hardens, 200 to
600 BHN

PLATE

Types

High Strength A572 Grade 50
A514

A516 Grade 70

Press. Vessel SA 387 Grade 11,22

Free Mach. 1144

Carbon Steel A36, 1045, Corten

Alloy Steel See Alloys

STAINLESS STEEL

Types 300 Series
400 Series
15-5, 17-4, 17-7 PH
Nitronic 30, 50, 60

Avail. Bar, Plate, Tubing, Coil,
Screens, Expanded Metal,
TGP Shafting, *Structurals*

SUPER ALLOYS

Types Duplex, Inconel, Monel,
Hastelloy, Nickel Alloys,
Waspaloy, Titanium

Avail. Bar, Plate, Tubing, Shapes,
Sheets

THREADED BAR

Types A193 – B7
A193 – B16
Low Carbon
Stainless Steel

Misc. HT Hex Nuts, Bolts,
Cap Screws

TOOL STEELS

Types A-2, A-6 D-2, D-3
O-1, O-6 W-1, W-2
S-1, S-5, S-7
M-1, M-2, M-42
H-11, H-13, H-21
T-1, T-2, T-15

Avail. Bar, Plate, Flats, Strips,
Hex, Octagon, Hollow
Bar, Precision Ground,
Drill Rod

TUBING — PIPE

Types Alloy, Carbon, Aluminum,
Stainless, Copper, Brass,
Bronze

Cond. Induction-Hardened,
Chrome Plated, Precision
Honed, Chrome Carbide
Overlay (OD & ID) and
Abrasion Resistant

TURNED, GROUND AND POLISHED SHAFTING

Types 1018, 1045, 1141, 1144
4140, 4150, 4340, 4620,
6150, 8620

Sizes ¼" — 20" Diameter

Avail. Stock, Random Length,
Cut to Length

Misc. Stressproof, Pre-Keyed,
Hard Chrome, *Metric*

PROCESSING SERVICES

- Blanking
- CNC Machining
- Drilling
- Fabricating
- Flame Cutting
- Forming
- Grinding
- Heat-Treating
- Honing
- Plasma Cutting
- Polishing
- Production Cutting
- Sawing
- Shearing
- Slitting
- Straightening
- Thermal Processing
- Turned, Ground & Polished
- Waterjet Cutting

CASTINGS — FORGINGS

Wingate Alloys has developed a reputation for consistently supplying high quality castings. Wingate specializes in **Abrasion, Impact and Wear Resistant** manganese, alloy and tool steels, as well as **Heat and Corrosion Resistant** stainless and alloys for equipment manufacturers and end users.

Whether your requirements call for a one-off facility prototype or a large production run, Wingate has the technology and expertise to complete the order to your **total** satisfaction.

Wingate will furnish **Rough Forged, As Forged Rough Turned** or **Complete Machined** parts and assemblies. All finished parts and assemblies will be properly heat-treated for maximum **“on-the-job”** performance and durability.

OEM REPLACEMENT PARTS

- Blast Furnace Parts
- Boiler Parts
- Breaker Plates
- Breaker Screens
- Burner Assemblies
- Bushings
- Chain Guides
- Coal Chutes/Bins
- Coil Guides
- Conveyor Parts
- Crusher Hammers
- Cutting Edges
- Cyclones
- Dozer Liners
- Exhauster Blades
- Feed Screws
- Flop Gates
- Gear Shafts
- Gears
- Kerf Cutters
- Pins
- Pump Shafts
- Pulverizer Parts
- Rail Car Liners
- Reclaimer Buckets
- Scrubber Parts
- Scraper Blades
- Shaker Screens
- Shear Guides
- Star Bits
- Tong Shoes
- Valves

Our fabrication department is prepared to reduce your maintenance costs by using better ideas and quality, long-life steel to replace OEM and worn parts.

MISCELLANEOUS PRODUCTS

- Beams, Angles and Channels
- Carbon Steel
- Ceramithane — Urethane/Ceramic Wear/Impact Plates
- Champaloy — Bonded Chrome Carbide Overlay
- Diamond Tread Plate
- Dyconite — Bonded Tungsten Carbide Overlay
- Expanded Metal and Grating
- Galvanized Coil and Sheet
- Hard to find Alloys and Stainless Steels
- Keystock
- Perforated Plate and Sheet
- Spring Steel
- Winco NS Non-Slip Safety Products
- Winco SLB Self Lubricated Bronze
- Winco XR Special Shafting
- Wire Mesh and Wire Cloth



**“Your Leading Source For Industrial Maintenance Steels
And Alloys For Over 20 Years”**

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