

Wellington Alloys Line Card

Shafting Products

Wellington Hot-Rolled

Wellington TG&P Shafting Material

Tough dependable high alloy shafting steel designed to resist fatigue, shock and abrasion.

Heat Treated to a 28-32 Rockwell "C"

Hot-Rolled sizes furnished in rounds 1/4"-20' diameter.

TG&P furnished from 1/4"-8' diameter in 1/16" increments.

Metric Sizes available.

Wellington 60 RC Case Hardened Shafting

High Strength Linear Bearing Shafting.

Available in Class "L", "S", and Metric.

Plate Products

Wellbraze 400 & Welbraze 500

Heat-treated, alloy steel, specifically developed to resist abrasion and shock. Its high hardness and shock resistance reduces wear.

Wellbraze wear plates provide you with not only a high manganese content for wear but also a good content of nickel for the depth of hardness through out the plate.

Size Range

Thickness; 1/8" to 6"

Widths; 48", 72", 96"

Lengths; 144", 240", 288"

Spec sizes are available.

Wellington CCO

Abrasion resistant, chromium-carbide wear surface for fan blades, and scrolls, blast cabinets, sintering machine parts, rock and ore chute, many other heavy wear applications.

Wellington CCO hardfacing is applied to a very ductile, easy-to-weld, low carbon steel selected to absorb much of the impact shock resulting from heavy service.

This mild steel plate is an American mill product of .12 maximum carbon rolled to our specifications. It can be rolled or otherwise formed by press-breaking. The mild steel backing and the arc-welded overlay bend readily when proper fabrication methods are applied.

Types: Single and Double Pass

Sizes: Available in full sheets and cut to size

Well-Mang High Impact Wear Plates

11-14% Manganese Nickel Plate, not harmed by heat, that has been designed for use where impact and wear are problems.

Pipe & Hollow Bar

Wellington 600 Brinell Wear Pipe

An I.D. Hardened tough abrasion resistant product manufactured from a special analysis steel. It is available in nominal pipe sizes from 3" to 40" and up to 50 foot lengths. Custom sweeps and bends are also available

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Flanges available on request

Wellington Hollow Bar

Available in two grades:

- 1) Alloy Hollow Bar
- 2) Tool Steel Tubing

Specialty Products

Wellblade

High strength cutting and shearing knives

Well-Blade is standard INLAID Carbon Alloy Tool Steel or High-Speed Tool Steel designed to give maximum life in any industrial knife application.

Wellglide Self Lubricating UHMW

A UHMW developed for those applications where its lubricity, water and chemical resistance weight advantage and noise dampening effect will help eliminate problems commonly encountered in industry today.

Stock Sizes:

Sheet: 1/8" to 3 1/2" thick 4ft x 10ft

Rounds: 1/2" Dia. thru 8" Dia.

Wellington Piston Rods

Drop Forge Hammer Piston Rods, machined complete per your drawing and specifications from Wellington shafting material.

SIZES

2 1/4" diameter through 6" diameter.

1500 lb - 7000lb hammers.

Larger size rods can also be furnished for steam hammers.

Wellington Tie Bars

Tie Bars are used in die-casting machines, hydraulic presses and other four column presses requiring rigid construction for rugged use. Acme and V threaded Tie Bars machined complete per your drawing.

SIZES: 2" Diameter to 10" diameter. Lengths up to 20'



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Miscellaneous

Wellington Keystock

A close tolerance cold finished steel designed to provide the high shear strength required in key applications.

Size Range: (Squares) Available from 1/8" to 2"

Metric sizes available – 60 ft minimum per size

Wellington Threaded Rod

Fully threaded. heat treated alloy bar, produced with an all rolled - thread in standard 12 foot lengths.

Available in National Course, National Fine, and Metric

Wellington Drill Rod

An oil-hardening tool steel drill rod offering extended service life when compared to commercial grades of carbon drill rod. Sizes from 1/16" to 2" round in 1/16 increments. Standard length is 3'. Some sizes available in 32nds of an inch.

Wellington Ground Flat Stock

Ground Flat Stock available in oil and air-hardening grades. Other grades available on application. Precision ground surface reduces machining time, saves tool and labor costs. Ground Flat Stock is VIP packaged and labeled at the mill to assure perfect ready-to-use stock on delivery. Furnished annealed.

Tool Steels

Wellington #1 (01)

Wellington AH (A-2)

Wellington DH (D-2)

Wellington Hot Work Steel (H-13)

Wellington Well Shock

Non-Ferrous Products

Aluminum

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

Available: Bar, Plate, Tubing, Extrusions, Structural

Copper

All types and grades available

Brass, Bronze

All types and grades available

Stainless Steel

Types: 300 and 400 series, 15-5, 17-4, 17-7PH, Pump Shaft Quality.

Available: Bar, Plate, Tubing, TG& Shafting.

Super Alloys

Types: Inconel, Monel, Hastalloy, Nickel Alloys, Titanium.

Available: Bar, Plate, Tubing, Shapes, Sheets.

Finished Products

Wellington Alloys is able to provide you with custom fabricating and machining services.

We are able to provide the following:

Forming

Machining

Drilling

Whether it is hard alloy plate, mild steel, alloy shafting or any other types of material, Wellington Alloys can do the job for you.

Please provide a sketch or print or send us a spare part.

We will do the job right, to your specifications, and will ship to you ready for installation.



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