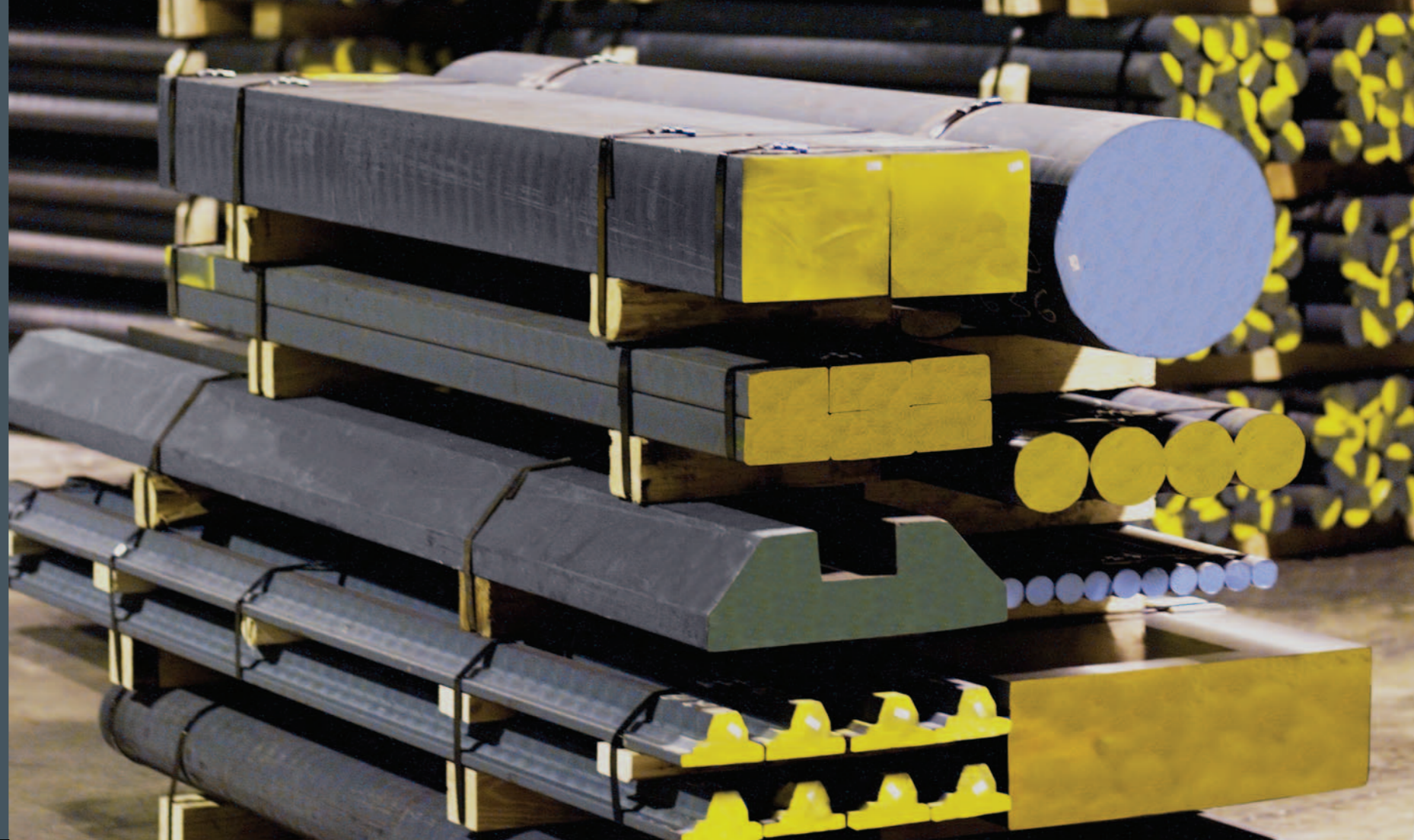




# What is Dura-Bar?



## Dura-Bar is Continuous Cast Iron Bar Stock.

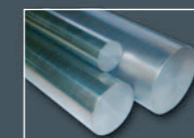
Imagine a steel-like material of superior quality, backed by a Zero Defect Guarantee. Dura-Bar is the world leader in the technology, production and application of continuous cast iron bar stock. Dura-Bar's continuous cast process assures that every pound of product is defect free. In fact, Dura-Bar is the only product of its type that is unconditionally guaranteed to be free of imperfections or defects. Dura-Bar is a practical alternative to steel and castings due to its superior machinability, its dense fine-grained microstructure and no pattern costs. Dura-Bar is available in a wide variety of sizes, shapes and grades.

### The Dura-Bar Advantage:

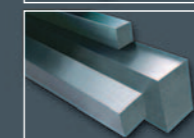
- Faster machining speeds & feeds.
- Consistently outperforms alternative materials.
- Lowers the total cost of machined component parts.
- Longer tool life & less wear.
- Significantly reduces scrap.

## Dura-Bar Options

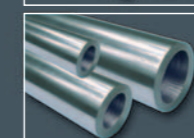
### Shapes and Sizes:



**Rounds:**  
As-Cast or Cold-Finished



**Squares / Rectangles:**  
As-Cast or Cold-Finished



**Tubes:**  
As-Cast or Cold-Finished



**Custom Shapes:**  
As-Cast

### Various Grades:

#### Ductile Iron

- Alternative to Low & Medium Carbon Steel
- Superb Free-Machining Properties
- Lower Heat Treat Costs
- Comparable Strength

#### Gray Iron

- Excellent Wear Resistance
- Improved Vibration Damping
- Superior Machining Finish
- Responds Well to Conventional Heat Treat Methods

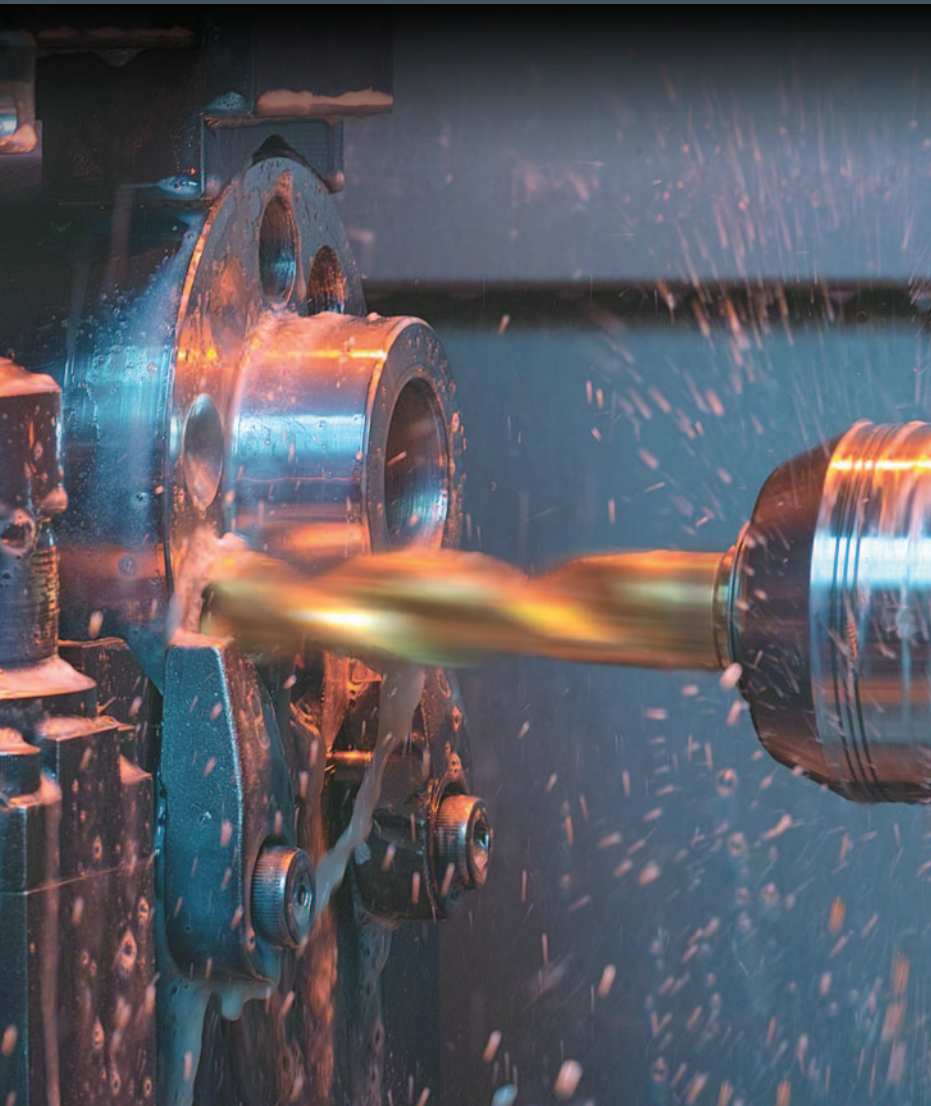
#### Ni-Resist

- Excellent Wear Resistance
- Ideal For Corrosive Environments

Standard bar length - 72" & 144"



# What Are Its Uses?



## Dura-Bar Continuous Cast Iron Bar Stock Has Many Uses.



Renewable Energy



Agriculture



Automotive



Construction



Military



Hydraulics



Industrial



Oil & Gas



Primary Metals

Dura-Bar is the preferred choice over steel, castings and other materials for a large number of applications in many industries.

**There are many ways to save with Dura-Bar.**

**Customers who have made the switch typically profit most by:**

- Significant total part cost reduction.
- Extends tool life up to 2 to 3 times.
- Machines at higher speeds and feeds.
- Lowers heat treat cost.

**For More Information, visit [www.dura-bar.com](http://www.dura-bar.com)**

**sales@dura-bar.com Call: 800.227.6455 or 815.338.7800**

There is a wide selection of parts previously made from steel and other materials that have been converted to Dura-Bar. Obviously the most critical variable is the performance of the part in its application; but material cost, manufacturing cost, machine tools used, tooling consumption and shop floor practices all play a part.

### Typical Applications:

- Accessory Drive Gear
- Balance Shaft
- Balance Shaft Gear
- Battery Grid Mold
- Bearing Cap
- Bearing Housing
- Belt Pulley
- Black Powder Bullet Mold
- Brake Pin
- Cam Gear
- Camshaft
- Camshaft Gear
- Cement Plug
- Cement Roller
- Chain Drive Sprocket
- Chain Link Roller
- Compressor Core Boxes
- Compressor Pattern Plates
- Compressor Rotor
- Compressor Roller
- Crankshaft Gear
- Cylinder Bushing
- Cylinder Liner
- Cylinder Piston
- Cylinder Rod Guide
- Diesel Engine Valve Guide
- Disk Brake Rotor
- Distributor Gear
- Eccentric Weighted Roller
- Feeder Screw
- Fire Hydrant Water Valve
- Flexible Shaft Coupling
- Fork Lift Power Steering Sleeve
- Glass Molds & Plungers
- Gyrotor & Gyrotor Ring
- Hydraulic Hose Coupling
- Hydraulic Manifold
- Hydraulic Pump Plate
- Hydraulic Swing Clamp
- Hydrostatic Axial Cylinder
- Machine Tool Chuck
- Motorcycle Disk Brake Rotor
- Oil Pump Gear
- Planetary Gear
- Poppet
- Port Plate
- Power Steering Pump Gear
- Printing Press Gear
- Pulley
- Pump Housing
- Pump Screw
- Radial Piston Pump Body
- Rigid Coupling
- Rocket Shell Casing
- Scroll Compressor Bushing
- Sealing Block
- Sealing Ring
- Shaft Bushing
- Spool
- Steel Mill Roll
- Swivel
- Textile Rail
- Valve
- Valve Guide
- Vane Pump Rotor
- Waste Oil Pump
- Waste Pump Gear
- Water Pump Bushing



**Dura-Bar®**  
Continuous Cast Iron Bar Stock

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