

## High-Quality Steel Products

**Specializing** In Plastic Mold Steel, Ground Finish Plates, Cold Work Tool Steel, And A Wide Range Of Industrial Steel Plates.

www.trilokprofile.com



## **ABOUT US**

"Trilok Profile is a leading supplier of high-quality steel products, specializing in Plastic Mold Steel, Ground Finish Plates, Cold Work Tool Steel, and a wide range of Industrial Steel Plates. With a commitment to excellence and precision, we cater to diverse industrial needs by providing premium materials, including P20 Steel Plates, C50 Carbon Steel Plates, and C45 Carbon Steel Plates. Our advanced Vertical Saw for cutting metal ensures accurate and efficient processing of steel products, allowing us to deliver custom solutions that meet the specific requirements of our clients."



To provide top-tier products through innovation, quality, and customer satisfaction for lasting partnerships.

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To be a global leader in metalworking, delivering innovative, high-quality press brake tools.





## MILD STEEL

#### **Key Features**

- High ductility and weldability
- Affordable and widely available
- Moderate tensile strength
- Suitable for general-purpose applications

## C45 PLATES

#### **Key Features**

- Higher carbon content for increased strength and hardness •
- Good machinability and weldability when properly heat treated
  - Heat-treatable for enhanced wear resistance •
- Commonly used in automotive, mechanical, and heavy-duty applications •



## 220 PLASTIC MOULD STEEL

#### **Key Features**

- Good hardness and wear resistance
- Excellent machinability and polishability
- High stability during heat treatment
- Good weldability and uniformity

## D2 HIGH CHROMIUM TOOL STEEL

#### **Key Features**

- High wear and abrasion resistance •
- Excellent hardness and edge retention •
- Good dimensional stability during heat treatment •
- Resistant to softening at elevated temperatures •







#### OUR PRODUCTS



## ENGINEERING STEEL 080M40 (EN8)

#### **Key Features**

- Medium carbon content for moderate strength and hardness
- Good machinability and weldability with appropriate heat treatment
  - Heat-treatable for enhanced wear resistance
  - Suitable for automotive, construction, and general engineering applications

## ENGINEERING STEEL EN 19 (42CRMO4)

#### **Key Features**

- High tensile strength and toughness •
- Good wear resistance and durability •
- Excellent heat treatment response for enhanced properties
  - Ideal for high-stress applications





## **ENGINEERING STEEL EN 31**

#### **Key Features**

- High carbon content for excellent hardness and wear resistance
- Good tensile strength and dimensional stability
- Heat treatable for enhanced surface hardness
- Ideal for applications with high stress and heavy loads

## **GRINDING MACHINE**

#### **Key Features**

- Precision machining for smooth finishes and accurate dimensions •
- Versatile applications: surface, cylindrical, centerless, and internal grinding •
- Compatible with a wide range of materials including metals and composites
  - Essential for tool sharpening and component manufacturing •





## OIL HARDENED NON-SHRINKAGE STEEL (OHNS)

#### **Key Features**

- High wear resistance and durability
- Minimized shrinkage during the hardening process
- Excellent dimensional stability after heat treatment
- Ideal for high-performance tool manufacturing

#### HIGH CARBON HIGH CHROMIUM STEEL (HCHCR)

#### Key Features

- High hardness and wear resistance •
- Superior resistance to abrasion and impact •
- Good toughness and strength at elevated temperatures
  - Excellent dimensional stability after heat treatment •



