

# Hardened Steel Pressure Bar for Machine Tools

This pressure bar is made of high-quality alloy steel mold for durability. It is designed for even distribution of force during machine tool operations.



## Product Overview

### Precision Engineering for Industrial Applications

This hardened steel pressure bar is engineered for machine tools to ensure even force distribution and consistent performance. Crafted from high-quality alloy and tool steels, it features sharp, durable blades designed for clean, burr-free shearing operations. Its robust construction provides excellent heat dissipation and superior wear resistance, making it ideal for demanding industrial environments.

## Material Composition

### Available Steel Grades

H13K, 5 CrW2Si, 6 CrW2Si, LD, Cr12MoV, 65 Nb, HMB, 25 CrMo4, 35 CrMo, 42 CrMo, Cr5, Cr8

## Performance Features

### Key Performance Indicators

**8 x**

Service Life Improvement (vs standard)

**25 mm**

Effective Hard Layer Depth

## Technical Specifications

### Primary Applications

- Room temperature board shearing
- Wire shearing
- Slab caster billet support
- Cold mill work
- Thin plate straightening

### Quality Characteristics

Wear Resistant • Heat Dissipation Optimized • Burr-free Finishing • Repairable Surface