
Type	Process	Key Properties
Drawn	Cold drawing after descaling	Improved shape, finish, and dimensional accuracy
Turned	Lathe or centreless turning	Free from rolling defects, improved surface
Turned and Reeled	Turned followed by reeling	Better straightness and finish
Ground	Ground and polished	Superior finish and tight tolerances

Applicable Industries

- Automotive components
- Machinery parts
- Construction and structural uses
- Tooling and precision equipment

Manufacturing Conditions

IS:9550 permits the steel to be supplied as *rimmed*, *semi-killed*, or *fully killed*, based on mutual agreement between buyer and manufacturer.

Supply Conditions and Sizes

Bars are typically delivered in sizes up to 45 mm with sheared ends. Lengths range from **2.5 m to 4.5 m**, unless otherwise agreed.

Surface, Tolerance, and Testing

While this post is an overview, detailed information on surface conditions, tolerances (h10, h11, etc.), and mechanical testing is available in upcoming parts of this series.

Why Steelmet Industries?

We at Steelmet Industries ensure:

- Compliance with IS:9550 and other relevant Indian/International standards
- Bright bars suitable for CNC machining, forging, threading, etc.
- Traceability and full documentation

Need IS 9550-compliant bright bars?

[Contact Steelmet Industries](#) for pricing, availability, and technical support.

FAQs about IS:9550 Bright Steel Bars

