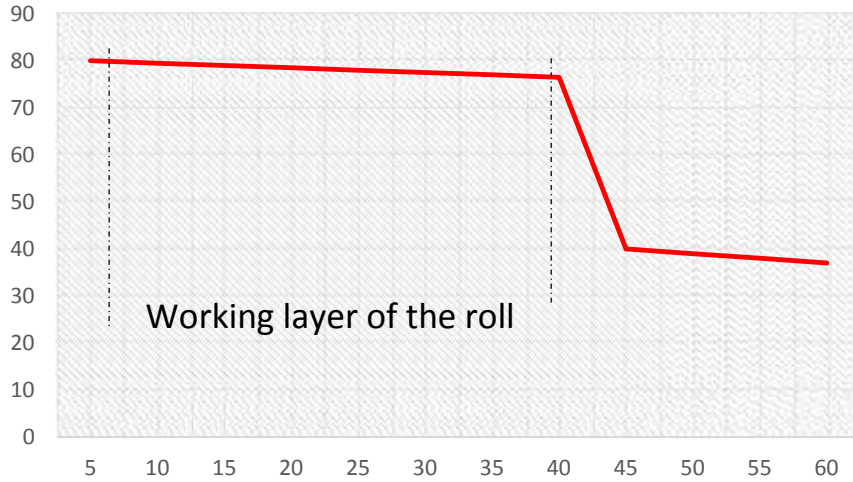


# ENHANCED CARBIDE DPIC ROLLS

HARDNESS DROP (SH) / DISTANCE FROM SURFACE (mm)



## What are Enhanced carbide rolls?

The spun cast enhanced carbide rolls have a working layer with excess carbides which increase the wear resistance and overall hardness of the roll surface. The hardness drop is consistent with subsequent dressings and thus improves the tonnage per roll. The core material is lamellar grey iron which imparts strength to the journals.

### Composition of the Shell (working layer)

Carbon	Nickel	Chrome	Moly	others
3.3 – 3.9	1.8 – 2.5%	0.8 – 1.2%	0.2 – 0.5%	0.2 – 0.5%
3.3 – 3.9	2.5 – 4.0%	0.8 – 1.2%	0.2 – 0.5%	0.2 – 0.5%

### Properties

- A superior wear resistance and pass life
- Very high hardness to provide a good surface finish
- Soft journals are able to absorb any jerks and avoid mill incidents

**Hardness:** 75 – 85 sH

**Applications:** generally used in the last two to three stands (F4, F5 and F6 Stands) in the Finishing Stands of Hot Strip Mills, Wire Rod & Narrow Strip Mills

## OUR PRODUCTS

- Adamite Rolls
- Barrel Shafted Rolls
- DPIC Rolls (Spun cast)
- Enhanced Carbide DPIC
- Forged Iron Rolls
- ICCI Rolls
- SG Acicular Rolls
- SG Iron Rolls

## OTHER PRODUCTS

- Bearing chokes
- Fly wheel
- Gear couplings
- Pinion gears
- Pulley
- Spindle
- Universal couplings
- Other mill accessories

## OUR EDGE

- 50 + years of service
- CNC machining
- CNC grinding
- Consultancy services

Send in an enquiry for the quotes & metallic composition for our products or to receive the product catalogue.

## SARJIT INDUSTRIES

A-5, INDUSTRIAL ESTATE,  
MALERKOTLA, PB – 148023  
Email: [sarjitind@gmail.com](mailto:sarjitind@gmail.com)  
Mob: +91-9814653145  
[www.sarjitrolls.com](http://www.sarjitrolls.com)