



What are Barrel shafted rolls?

Barrel structure with a highly alloyed outer working layer (black) and soft metal inner layer (white) for better grip of the barrel manufactured with Spincast technique. The Shaft (red) is mild steel (MS) i.e. shrink fitted into the Barrel to provide the adequate grip.

Composition of the Shell (working layer)

Carbon	Nickel	Chrome	Manganese	Moly
3.4 – 3.9	0.6 – 0.9 %	1.8 – 2.5 %	0.5 max	0.2% max

Properties

- High strength and vibration damping to absorb temporary shocks
- Good wear resistance to ensure good productivity per campaign
- Higher biting quality to provide better surface finish

Hardness: 70 – 75HS

Applications: Suitable for heavier passes and severe stress in the roughing and intermediate stands

OUR PRODUCTS

- DPIC Rolls
- ICCI Rolls
- SG Iron Rolls
- Adamite Rolls
- Forged Iron Rolls
- Barrel Shafted Rolls

OTHER PRODUCTS

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

OUR EDGE

- 50 + Year of service
- CNC machining
- High Quality product
- Consultancy services

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