

416R (Barrel Quality) stainless bar low sulfur, pre-hardened variant of 416 stainless suitable for manufacturing high quality precision rifle and pistol barrels. With a 12% chromium content 416R provides improved general corrosion resistance over alloy steels commonly used for barrel applications.

Machinability



An optimized sulfur content ensures excellent machinability while avoiding inclusions detrimental to performance in the field.

All material is stocked in the hardened and stress relieved condition. Having stress relief as the final step minimizes residual stresses in the bar and improves dimensional stability during gun drilling and reaming.

Quality & Consistency



To maintain consistency in material, all Rolled Alloys stocked 416R round bar meets the following criteria:

- 100% Eddy Current inspected to detect surface defects
- 100% Ultrasonically inspected to ensure internal soundness
- Hardness range controlled to Rockwell C 26-32
- DFARs compliant, with 100% USA melt and manufactured bar also available
- Controlled lengths of 144 inches +2", -0"

Other Trade Names

- 416RQ
- 416BQ

Applications

- High Powered Small Caliber Rifles
- Bench Rest Rifles
- Tactical Rifles
- Sport Rifles
- Match Rifles
- Pistol Barrels
- Sleeve Restoration



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