

# Special Steels

## for Defence, Nuclear and Aerospace

Star Wire has developed systematic & scientific approach towards quality resulting in product reliability and proven record for stringent quality. Our strength in very good control in metallurgy due to melting facilities like EAF coupled Ladle Refining Furnace followed by Vacuum Degassing thereby producing very clean steel with respect to nonmetallic inclusions, dissolved gases & very low level S & P and tramp elements. Material are further refined in our most modern ESR furnace which in turn helps in achieving better quality of final products. Strict control is exercised on other critical parameters like temperature during forging, rolling and heat treatment and the tight quality systems & procedures help in meeting quality requirements in all respect.



ESR Furnace with Inert atmosphere



Hot Tensile Testing machine



2000MT Forging Press

**Leading & Proven  
Manufacturer of  
Critical materials for**

- ▶ Defence
- ▶ Nuclear Power
- ▶ Aerospace

**NABL Accredited Lab**



Product Developed & Supplied to **Defence, Nuclear and Aerospace**

- ▶ PINAKA Pre-forms
- ▶ End Fitting Billets
- ▶ Critical Forging for Nuclear Power Projects
- ▶ Weld Consumables
- ▶ Forging for Fuel Handling Machines
- ▶ Plates & Sheets
- ▶ Bulb Bars for Navy

## Product Range

## Defence

4130  
STA-59  
H-13  
17-4PH  
15-5PH  
VP30  
15CDV6  
8CD12  
NCM-221  
NCM-223

## Nuclear

403  
17-4PH  
316L  
316LN  
321  
316Ti (D9)  
410  
304L

## Aerospace

304L  
316L  
316Ti  
321  
301  
302  
201  
202  
17-4PH  
15-5PH  
14-5PH  
15-5WPH  
15CDV6  
410  
420

- Round Bars: Dia: 10-450mm, Length- As per requirement
- Forged Block: Size 200-400mm Square , Length- As per requirement
- Disc ,Rings and Hollow Forgings: Up to 8 MT
- Plates & Sheets: Up to 1200mm wide
- Weld Consumables: Up to Dia. 5mm



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