

MOST MODERN & SPECIALIZED HEAT TREATMENT SOLUTIONS



MODERN METALS INDIA

METALS INDIA Group Co.

PLASMA/GAS NITRIDING OF SCREWS & BARRELS For INJECTION MOULDING MACHINES



MAX. LENGTH: 2200 mm

MATERIAL GRADE: En 41, 1.8550 / 34 CrAlNi7, En 41 B, 1.8509 / 41 CrAlMo7

HARDNESS: 65 Hrc, Depth 0.7mm

ADVANTAGES

- Processed in single chamber in the controlled atmosphere
- Uniform distribution of gasses and heat inside the chamber
- Less Distortion of components compared to liquid/salt bath nitriding
- Clean process, clean surface of products
- Low porosity of compound layer
- Uniform penetration in deep holes
- High wear resistance and improves fatigue life

PROCESS

- Plasma Nitriding
- Plasma Nitrocarburizing
- Pre & Post Oxidation
- Pulsplasma®
- Oxynitrocarburizing
- Plasma Assisted Nitrocarburizing
- Vacuum Nitriding
- Gas Nitriding
- Gas Nitrocarburizing
- Pre & Post Oxidation



Scan the QR code to experience the revolution in heat treatment

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