

MATERIALS FOR HEADS AND PRESSED PARTS OF CARBON STEELS

We offer our customers a comprehensive range of products for various applications:

- Structural steels and fine-grain structural steels
- Pressure vessel steels
- **voestalpine** special grades

STRUCTURAL STEELS AND FINE-GRAIN STRUCTURAL STEELS

| EN standards | |
|-----------------------------|---|
| EN 10025 - 2 (EN 10025) | unalloyed structural steels |
| EN 10025 - 3 (EN 10013 - 2) | normalized and/or normalized rolled weldable fine-grain structural steels |

Delivery in accordance with AD 2000 specifications, TRD rules (Technical Rules for Steam Boilers) and BN 91802 upon request.
Delivery of structural steel in accordance with ASTM and/or ASME SA 6.

PRESSURE VESSEL STEELS

| voestalpine special grades | |
|----------------------------|---|
| ALDUR* N | normalized or normalized rolled fine-grain steels ALDUR 355N, NH, NL1, NL2 • ALDUR 420N, NH, NL1, NL2 • ALDUR 460N, NH, NL1, NL2 |
| ALDUR* Q | high-strength water-quenched fine-grain steels ALDUR 500Q, QL, QL1 • ALDUR 700Q, QL, QL1 |

Delivery in accordance with PED (Pressure Equipment Directive of the European Union), AD 2000 specifications and TRD rules.

| EN standards | |
|--------------|--|
| EN 10028 - 2 | unalloyed and alloyed high temperature steels P235GH, P265GH, P295GH, P355GH, 16MO3, 13CRMO4-5, 10CRMO9-10 |
| EN 10028 - 3 | weldable fine-grain structural steels, normalized P275N, NH, NL1, NL2 • P355N, NH, NL1, NL2 • P460N, NH, NL1, NL2, NL2 mod. (460/630) |
| EN 10028 - 4 | nickel-alloyed cryogenic steels 13MnNi6-3 • 11MnNi6-4 • 12Ni14 |

| ASTM and/or ASME standards | | | |
|----------------------------|--------------------|--------------------|--------------------|
| | A 203M / SA - 203M | A 204M / SA - 204M | A 285M / SA - 285M |
| | A 299M / SA - 299M | A 302M / SA - 302M | A 387M / SA - 387M |
| | A 516M / SA - 516M | A 533M / SA - 533M | A 537M / SA - 537M |

Delivery in accordance with ASTM A 20M and/or ASME SA 20M.
Delivery of steel grades in accordance with different standards or rules upon request.