



# Alloy Pipe & Metal

## ALLOY PIPE & METAL - PRODUCTS RANGE

### CARBON STEEL - WELDED PIPES

| PROCESS   | NOTE  | OD         | THICKNESS   | SOURCE             |
|-----------|---|------------|-------------|--------------------|
| ERW/HFI   |   | 1/2" - 24" | 25,4mm      | PRODUCTION / STOCK |
| SAW L     | JCO / PRESS BENDING   | 10"-66"    | max 100     | PRODUCTION / STOCK |
|           | 3-ROLL BENDING  | 16"-200"   | max 220     | PRODUCTION / STOCK |
|           | UOE   | 20"-56"    | max 50      | PRODUCTION / STOCK |
| SAW H     |   | 16"-158"   | max 25,4 mm | PRODUCTION / STOCK |
| MATERIALS | API 5L GRB - X100 / ASTM A671-672 / ASTM A691 (GR 1 TO GR 92) / STRUCTURAL GRADES / SOUR SERVICE / CLAD |            |             |                    |

### CARBON STEEL - SEAMLESS PIPES

| APPLICATION     | NOTE  | OD          | THICKNESS   | SOURCE             |
|-----------------|---|-------------|-------------|--------------------|
| OCTG            |   | 60-114 mm   | max 12,7 mm | PRODUCTION         |
| POWER / BOILER  | HOT / COLD FINISHED   | 1/2" - 34"  | 45mm        | PRODUCTION / STOCK |
| LINE PIPE       | HOT FINISHED  | 1/2" - 34"  | 45mm        | PRODUCTION / STOCK |
| MECHANICAL TUBE | HOT / COLD FINISHED   | 25,4-304 mm | max 30 mm   | PRODUCTION         |
| MATERIALS       | 106 GR B/ A333 GR 6 / API 5L from gr B to X80 / P GRADES from P1 to P92 / mechanical grades / OCTG grades |             |             |                    |

### STAINLESS, DUPLEX / SUPERDUPLEX, NICKEL, TITANIUM - WELDED PIPES

| PROCESS       | NOTE   | OD        | THICKNESS | SOURCE             |
|---------------|--|-----------|-----------|--------------------|
| TUBE MILL     |  | max 14"   | 15 mm     | PRODUCTION / STOCK |
| ROLL BENDING  |  | up to 80" | 25,4 mm   | PRODUCTION / STOCK |
| PRESS BENDING |  | up to 60" | 70 mm     | PRODUCTION / STOCK |
| MATERIALS     | 304 / 316 / 321 / 310 / 317 / 347<br>S31803 / S 32205 / s 32750 / s 32760 (Duplex / Superduplex),<br>INCONEL 625, INCOLOY 825, HASTELLOY, TITANIUM GR 1, 2, 5, 7, 12 |           |           |                    |

### STAINLESS, DUPLEX / SUPERDUPLEX, NICKEL, TITANIUM - SEAMLESS PIPES

| PROCESS        | NOTE   | OD        | THICKNESS | SOURCE             |
|----------------|--|-----------|-----------|--------------------|
| COLD FINISHING |  | up to 8"  | 14mm      | PRODUCTION / STOCK |
| HOT FINISHING  |  | up to 10" | 25 mm     | PRODUCTION / STOCK |
| HOT EXPANSION  |  | up to 34" | 45 mm     | PRODUCTION / STOCK |
| FORGED         |  | up to 60" | 50 mm     | PRODUCTION         |
| MATERIALS      | 304 / 316 / 321 / 310 / 317 / 347<br>S31803 / S 32205 / s 32750 / s 32760 (Duplex / Superduplex),<br>INCONEL 625, INCOLOY 825, HASTELLOY, TITANIUM GR 1, 2, 5, 7, 12 |           |           |                    |

### PLATES

| NORMS            | GRADES                      | SIZES                      | SOURCE             |
|------------------|-----------------------------|----------------------------|--------------------|
| API 5L           | Up to X80                   | max 4,7 wide               | PRODUCTION / STOCK |
| ASTM             | A516 / A387                 | max 3,5 wide               | PRODUCTION / STOCK |
| EN 10028-4       | X7Ni, X8 Ni, ...            | max 3,5 wide               | PRODUCTION / STOCK |
| EN 10025 / 10225 | S 275 / S355 / S 420 / S460 | to be checked case by case | PRODUCTION / STOCK |
| STAINLESS        | 304 / 316                   | to be checked case by case | PRODUCTION / STOCK |
| NICKEL           | 625, 825, 400, ETC          | to be checked case by case | PRODUCTION / STOCK |