



# Jin Ming Jian De Steel

## 1.4550

| Werkstoff-Nr | AISI   | DIN / DIN EN  | UNS     | SS   | AFNOR          | BS       |
|--------------|--------|---------------|---------|------|----------------|----------|
| 1.4550       | TP 347 | X6CrNiNb18-10 | S 34700 | 2338 | Z 6 CNNb 18.10 | 347 S 31 |

### Chemische Analyse nahtloser rohre

| C≤%  | Si≤% | Mn≤% | P≤%  | S≤%   | N% | Cr%       | NI%      | Nb%          |
|------|------|------|------|-------|----|-----------|----------|--------------|
| 0,08 | 1,0  | 2,0  | 0,04 | 0,015 | -  | 17,0-19,0 | 9,0-12,0 | 10 x C - 1,0 |

### Mechanische Eigenschaften von Stäben bei Raumtemperatur

| Dicke<br>mm <sub>max</sub> | Dehngrenze<br>N/mm <sup>2</sup><br>R <sub>p0,2</sub> R <sub>p1,0</sub> |      | Zugfestigkeit<br>N/mm <sup>2</sup><br>R <sub>m</sub> | Bruchdehnung<br>A <sup>1)</sup> A <sup>1)</sup> |                 | Kerbschlagarbeit<br>(ISO-V)<br>Raumtemperatur<br>≥ 10mm<br>Dicke |                            |
|----------------------------|--|------|--|---|-----------------|--|----------------------------|
|                            | 0,2%   | 1,0% |  | % min<br>(längs)                                | % min<br>(quer) | J <sub>min</sub><br>(längs)                                      | J <sub>min</sub><br>(quer) |
| 60                         | 205  | 240  | 510-740  | 35  | 30              | 100  | 60                         |

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