

Steel Grade: WTSt37-3(S235J2W) | Material No: 1.8961

CHEMICAL COMPOSITION

| C(%) ≤ | Si(%) ≤ | Mn(%) ≤ | P(%) ≤ | S(%) ≤ | Cr(%) | Ni(%) | N(%) | Cu(%) | Other(%) |
|--------|---------|-----------|--------|--------|-----------|-------|------|-----------|-------------------|
| ≤0.13 | ≤0.40 | 0.20~0.60 | 0.04 | 0.035 | 0.50~0.80 | ≤0.65 | - | 0.25~0.55 | Al ≥ 0.020; Mo |

MECHANICAL PROPERTIES

| Tensile Strength σ _b /Mpa | Yield Strength σ _s ≥ Mpa | | Yield Strength σ _s ≥ Mpa | Extensibility δ ₅ ≥ % (≤ 150mm) | Flexural Center Dia Cold-bend Test | |
|---|---------------------------------------|---------|--|---|------------------------------------|---------|
| | 16-40mm | 40-60mm | | | 180°C/L | 180°C/T |
| 360~440 | 225 | 215 | (≤ 16mm)235 | 25 | 1a | 1a |

From: Jiangyou Hacer Technology Co., Limited
 Factory Add: Jiangzhang Road, Jiangyou City, SC, China
 Website: <http://www.jhacer.com/>
 Email: sales@jhacer.com
 Phone: +86-(0)816-3260757
 Call: +86-13658128897
 Fax: +86-(0)816-3260757