

Steel Grade: AISI — | ASTM — | UNS S30815 | Type: Austenitic

**CHEMICAL COMPOSITION**

C(%)	Si(%)	Mn(%)	P(%) ≤	S(%) ≤	Cr(%)	Ni(%)	Mo(%)	Other(%)
0.05~0.10	1.40~2.00	≤0.80	0.04	0.03	20.0~22.0	10.0~12.0	—	N0.14~0.20,Ce0.03~0.08

**HARDNESS AND HEAT TREATMENT**

Variety②	Condition③	Tensile Strength   $\sigma_b$ /MPa	Yield Strength   $\sigma_{0.2}$ /MPa	Extensibility   $\delta$ (%)	Reduction of Area   $\psi$ (%)	Hardness HRB	Standard ASTM
B,Sp	A	600	310	40	50	—	A276
P,Sh,St	A	600	310	40	—	A167,A240	A167,A240

Remark:

- ②, B—Bar; F—forging; P—Thick plate; Sh—Sheet; St—Strip; Pi,T—Pipe steel; S-Pi,T—Seamless Pipe steel; W-T—Welded Pipe; Sp—Shape; W—wire.
- ③, A—Annealing; HF—Hot Forging; CF—Cold Drawing.
- ④, The thickness or diameter is more than 13mm.
- ⑤, The thickness or diameter is more than 13mm.
- ⑥, The diameter is more than 4mm.
- ⑦, When the diameter of wire is under 3.96mm, the  $\delta$  is 25%, and  $\psi$  is 40%.
- ⑧, The cross section of forging is above 127mm, then the  $\sigma_b$  is 485Pa.

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