

Steel Grade: X2CrNiMoN17-11-2 | Material No: 1.4406
CHEMICAL COMPOSITION

C(%)≤	Si(%)≤	Mn(%)≤	P(%)≤	S(%)≤	Cr(%)	Ni(%)	V(%)	Other(%)
≤0.03	≤1.00	≤2.00	0.045	0.03	16.5 ~ 18.5	10.0 ~ 12.0		Mo2.00 ~ 2.50N≤0.12 ~ 0.22

HEAT TREATMENT

Hot Working°C	Normalizing/°C	Quench/°C	Temper°C
1150 ~ 750	—	1050 ~ 1100Water	—

MECHANICAL PROPERTIES IN NORMAL OR LOW TEMP

Condition	Tensile Strength σ _b /Mpa	Yield Strength σ _s ≥/Mpa	Extensibility δ ₅ (%)≥	Reduction of Area ψ(%)≥	Ballistic α _k (DVM)/J
-195°C	1130	—	25	—	60
-80°C	780	—	35	—	96
Room Temperature	580 ~ 780	—	40	50	100
0	0	0	0	0	0

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