

Steel Grade: X7Ni9 | Material No: 1.5663
CHEMICAL COMPOSITION

C(%)≤	Si(%)≤	Mn(%)≤	P(%)≤	S(%)≤	Cr(%)	Ni(%)	V(%)	Other(%)
≤0.10	≤0.35	0.30 ~ 0.80	0.015	0.005	—	8.50 ~ 10.0	≤0.01	Mo≤0.10②

HEAT TREATMENT

Hot Working°C	Normalizing/°C	Quench/°C	Temper°C
1050 ~ 850	880 ~ 930 770 ~ 830	770 ~ 830 Water or Oil	540 ~ 600

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
-120°C	—	—	—	—	120
-170°C	—	—	—	—	110
-195°C	—	—	—	—	100
-20°C	—	—	—	—	120

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