

---

---

---

UNS Alloy No.C64800







Fig.3 Bend formability variation of NKC4419-H in case changing thickness of specimen

Stress relaxation resistance is highly important for maintaining the contact force for long period of time or at elevated temperatures. Fig.4 exhibits the stress relaxation resistance of NKC4419-H. It is noted that NKC4419-H maintains over 75% of the initial applied stress after 1000h at 150 .

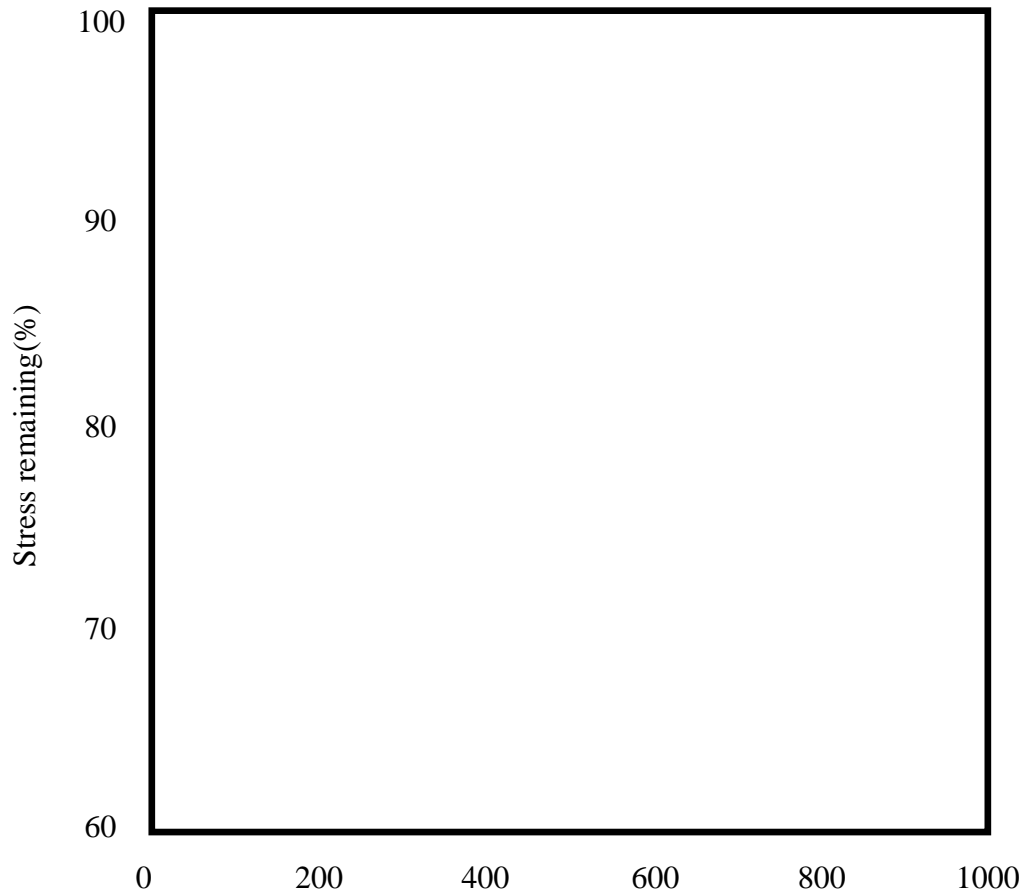
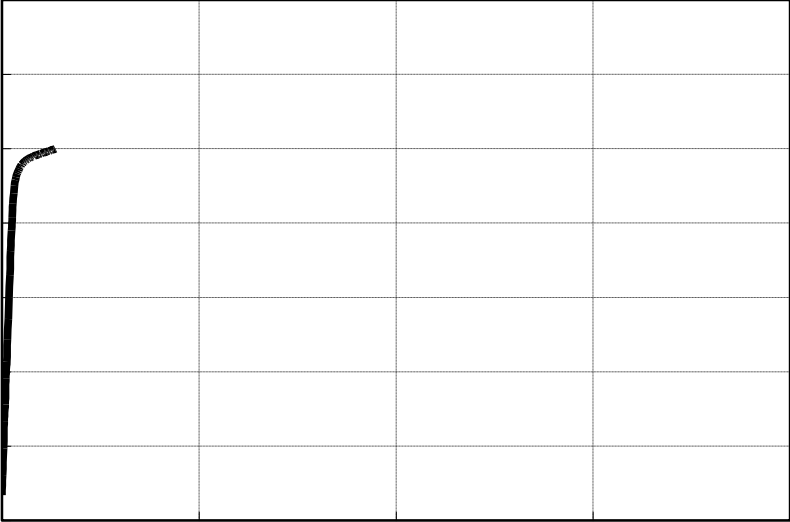


Fig.5 show the Stress-Strain curves for NKC4419-1/4H.



S-S curve (Longitudinal Direction)

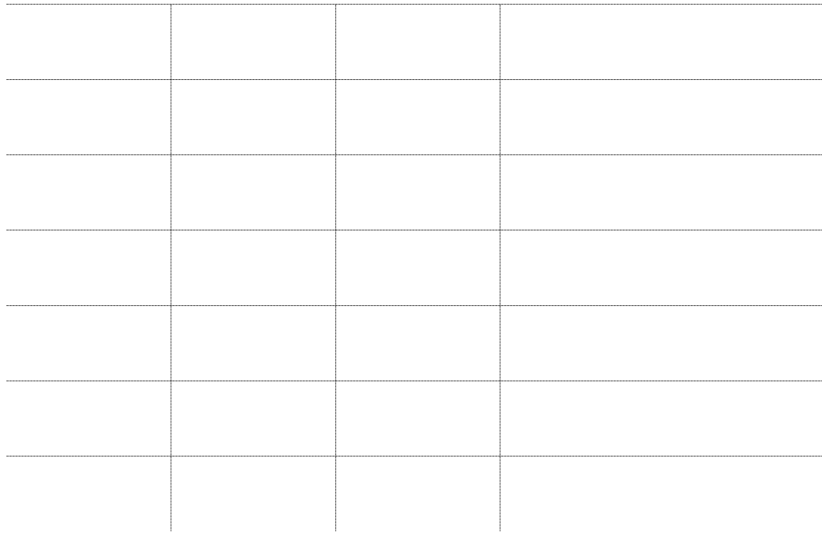
S-S curve (Transverse Direction)

Tensile test (according to JIS-Z-2241)

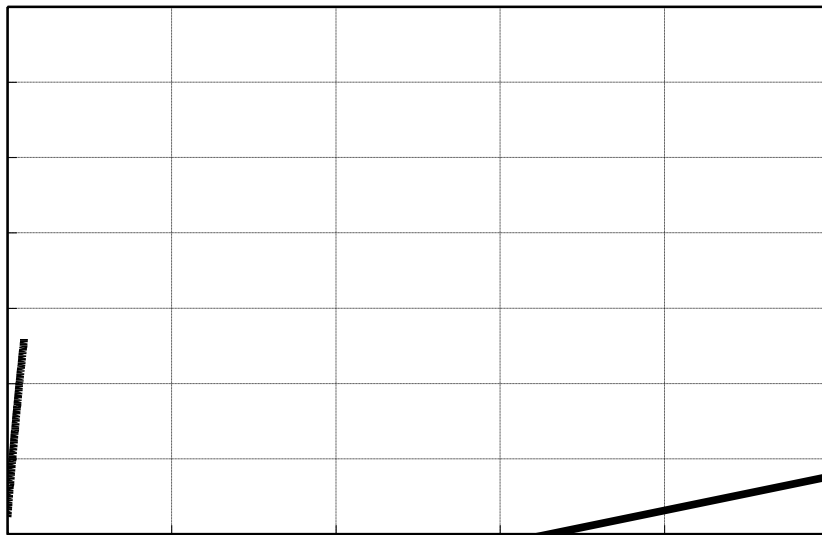
Specimen : JIS-Z-2201#13B tensile test specimen

Fig. 5 Stress-Strain Curves of NKC4419-1/4H

Fig.6 show the Stress-Strain curves for NKC4419-H.



S-S curve (Longitudinal Direction)



S-S curve (Transverse Direction)





