

# AISI 4130, API Spec. 6A - PSL 3-4, H<sub>2</sub>S Service

Hot rolled or forged, solid or bored round bars, square bars, disks and rings, H<sub>2</sub>S Service, quenched and tempered to API Spec.6A, 75K, K, EE and ISO 15156 (NACE MR 0175).

## DEFINITIONS

**75K:** Standard tensile property requirement (Mini Yield Strength 75 000 psi)

**K:** Temperature operating range: - 60 / + 82 °C (- 75 / + 180 °F)  
Impact test at - 60°C (- 75°F)

**EE:** Sour Service (H<sub>2</sub>S Service) as defined in ISO 15156 (NACE MR 0175)

**PS:** Product specification level

## CHEMICAL ANALYSIS (WEIGHT %)

	C	Si	Mn	P	S	Cr	Mo	Ni	Cu
Min.	0.28	0.15	0.40	-	-	0.80	0.15	-	-
Max.	0.33	0.35	0.60	0.025	0.025	1.10	0.25	0.25	0.35

## MECHANICAL PROPERTIES

Tensile and impact properties are determined by specimen tests conforming to ASTM A370 requirements. Specimens are taken from QTC (Qualified Test Coupon) according to API Spec. 6A.