

4340 (chromoly) Normalized Alloy Steel

Minimum Properties	Ultimate Tensile Strength, psi	186,000
	Yield Strength, psi	125,000
	Elongation	12.2%
	Rockwell Hardness	B100
Chemistry	Iron (Fe)	96%
	Carbon (C)	0.37 - 0.43%
	Chromium (Cr)	0.7 - 0.9%
	Manganese (Mn)	0.7% max
	Molybdenum (Mo)	0.2 - 0.3% max
	Nickel (Ni)	1.83%
	Phosphorus (P)	0.035% max
	Sulphur (S)	0.04% max
	Silicon (Si)	0.23%