



API 2Y 60

Overview

This grade is very similar to API 2H 50 in both it’s make up and it’s applications. API 2Y 60 is quenched and tempered and has a 60,000 minimum yield. It is used in offshore platforms and structures where additional strength is required to resist impact and fatigue concerns.

Specifications

Specification	API 2Y Grade 60 Q & T
Type of Steel	Carbon
Requirements for Delivery	A6, A20
Tensile Strength (ksi)	75
Yield Strength (min. ksi) (Yield Point if designated YP)	t 1 in. 60-90 t 60-85
Spec. Thickness (Max. in.) Chemical Composition (%)	—
Carbon (Max.)	0.16
Manganese	1.15/1.60
Phosphorus (Max.)	.03
Sulfur (Max.)	.010
Silicon	.05/.50
Nickel (Max.)	1.0
Chromium (Max.)	.25
Molybdenum (Max.)	.15
Copper (Max.)	.35
Other Elements	*
Heat Treatment Required	Q & T