

Carbon Steel Flanges

ANSI / ASME B16.5

SPECIFICATION

Grade: ASTM A105N / ASME SA105N

Surface finish: Mill protective varnish

Mechanical Properties

Minimum Tensile Strength 485 MPa 70000 PSI

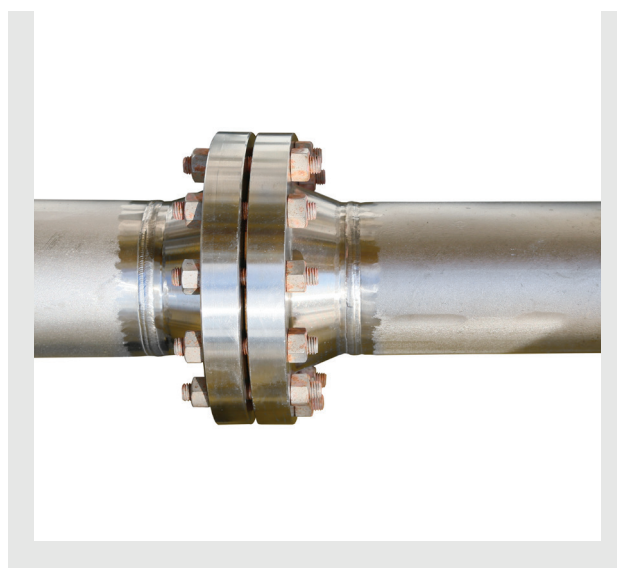
Minimum Yield Strength 250 MPa 36000 PSI

Chemical Composition % (max unless otherwise stated)

	Carbon	Manganese	Phosphorus	Sulphur	Silicon	Copper	Chromium	Molybdenum	Nickel	Vanadium
Min	0.35	0.60	0.035	0.040	0.10	0.40	0.40	0.12	0.40	0.08
Max	-	1.05	-	-	0.35	-	-	-	-	-

Typical Applications

High pressure flanges for oil, gas & petrochemicals at ambient / elevated temperatures.



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