

Alloy 20

Wilfley's Alloy 20 is an iron base nickel chromium molybdenum alloy commonly used in highly corrosive services.

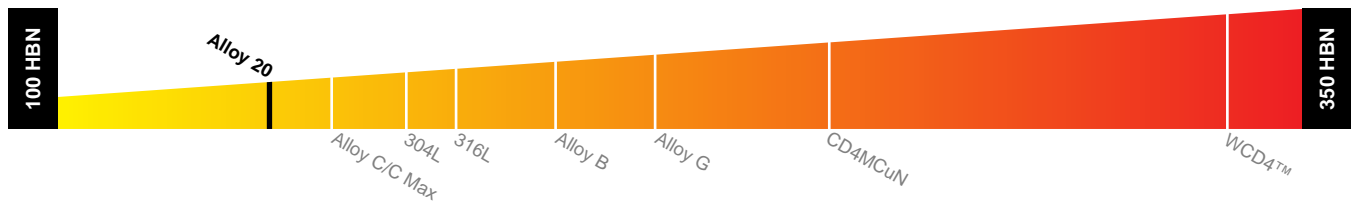
Classification and Mechanical Properties

Specification	Average Hardness	Minimum Tensile Strength	Minimum Yield Strength	Minimum Elongation
ASTM A743 Grade CN7M	125 - 160 HBN	62,000 psi (427 MPa)	25,000 psi (172 MPa)	35%

Chemical Composition

C Carbon	Mn Manganese	Si Silicon	P Phosphorus	S Sulfur	Cr Chromium	Ni Nickel	Mo Molybdenum	Cu Copper	Fe Iron
0.07	1.5 max.	1.5 max.	0.04 max.	0.04 max.	19.0 - 22.0	27.5 - 30.5	2.0 - 3.0 max.	3.0 - 4.0	Balance

Average Hardness



Minimum Tensile Strength

