

# CD4MCuN

# WILFLEY® HEAVY DUTY CENTRIFUGAL PUMPS

Wilfley's CD4MCuN offers superior mechanical properties to 300 series stainless steels with similar corrosion properties.

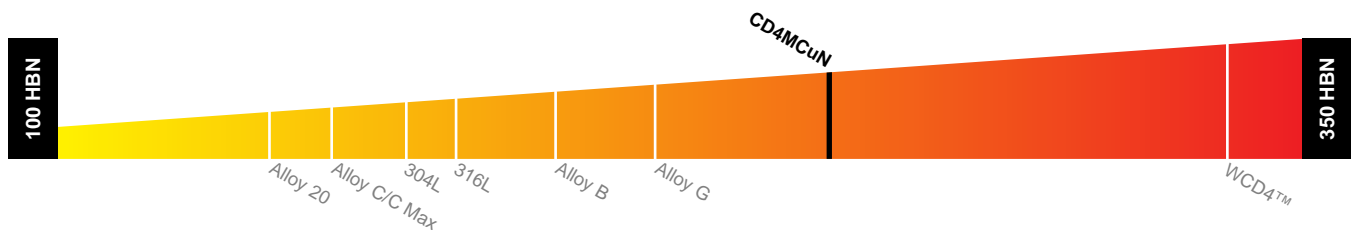
## Classification and Mechanical Properties

Specification	Average Hardness	Minimum Tensile Strength	Minimum Yield Strength	Minimum Elongation
ASTM A890 Grade 1B	245 - 265 HBN	100,000 psi (689 MPa)	70,000 psi (483 MPa)	16%

## Chemical Composition

C Carbon	Mn Manganese	Si Silicon	P Phosphorus	S Sulfur	Cr Chromium	Ni Nickel	Mo Molybdenum	Cu Copper	N Nitrogen	Fe Iron
0.04 max.	1.0 max.	1.0 max.	0.04 max.	0.04 max.	24.5 - 26.5	4.75 - 6.0	1.75 - 2.25	2.75 - 3.25	0.1 - 0.25	Balance

## Average Hardness



## Minimum Tensile Strength

