

Wilfley's MAXALLOY<sup>®</sup> 5 offers high material hardness and toughness for excellent wear in the most difficult abrasive applications. Through special proprietary processing, chromium carbides are interspersed in a hardened martensitic matrix to enhance wear performance.

## Classification and Mechanical Properties

Specification	Average Hardness
ASTM A532 Class III, Type A	550 - 675 HBN

## Chemical Composition

C	Mn	Si	P	S	Cr	Ni	Mo	Cu	Fe
Carbon	Manganese	Silicon	Phosphorus	Sulfur	Chromium	Nickel	Molybdenum	Copper	Iron
2.0 - 3.3	2.0 max.	1.5 max.	0.1 max.	0.06 max.	23.0 - 30.0	2.5 max.	3.0 max.	1.2 max.	Balance

## Average Hardness

