



HPAlloys MATERIAL Capabilities

High Strength
NITRONIC 60

Issued

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Strain Hardened Levels

High Strength NITRONIC 60

Minimum specification levels for bar

Strength Condition	UTS (KSI) Min.	YS (0.2% OS) (KSI) Min.	Elongation in 4xD (%) Min.	Reduction of Area (%) Min.	Hardness Max	Maximum Size
Level 1	110	90	35	55	---	4" Dia
Level 2	135	105	20	50	330 BHN	4" Dia
Level 3	160	130	15	45	---	2.5" Dia
Level 4	180	145	12	45	---	2" Dia
Level 5	200	180	10	45	---	1.5" Dia

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