



QT-PLUS – 1/4” - 4”

The properties of QT-PLUS are the result of a specific chemistry combined with a unique thermal heat treating process. This produces a premium quality steel unmatched in the industry with up to 10 times the wear life. Even at maximum hardness, parts manufactured from QT-PLUS remain amazingly ductile.

CHEMISTRY								
C	Mn	Ph	S	Si	Cr	Ni	Mo	B
.24/.26 max	1	.035 max	.005 max	.55 max	0.5	1	0.25	.003 max

PHYSICAL/MECHANICAL PROPERTIES			
HARDNESS	< 1"	461/537 bhn	
HARDNESS	> 1"	444/514 bhn	
TENSILE		225,000 psi	typical
ELONGATION	2"	11%	typical
CHARPY V	25 ft./lbs.	at 40 degrees F	typical
YIELD		165,000	typical

*(*All material provided is intended for informational purposes only and should not be used to replace official documents or the advice of a professional.)*

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