	Chemical Properties						
	С	Mn	Р	S	Si	Cr	Mo
	0.37-0.49	0.65-1.10	0.035 Max	0.04 Max	0.15-0.35	0.75-1.20	0.15-0.25
Properties	÷	Minimum	Tensile	Yield	Elongation in	Reduction of	Hardness
	Dia	Tempering Temperature	Strength	Strength. min,	4D	Area	max
		(°F)	min, ksi (MPa)	0.2% offset, Ksi (MPa)	min %	min %	
	21/2" and under	1,100 (593 ° C)	125(860)	105(720)	16	50	321HB or 35 HRc
	over 21/2" to 4"	1,100 (593 ° C)	115(795)	95(655)	16	5 <mark>0</mark>	302HB or 35 HRc
	over 4" to 7"	1,100 (593 ° C)	100(690)	75(515)	18	50	277HB or 29 HRc