

Quality	4320
According to Standard	ASTM A 29/A 29M
Number	-



Comparable Standards	EN	W.N.	BS 970	DIN
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Chemical Analysis	C %	Mn %	Si %	Cr %	Ni %	Mo %	S%
	0.17 - 0.22	0.45 - 0.65	0.15 - 0.35	0.40 - 0.60	1.65 - 2.00	0.20 - 0.30	0.040 max.
	P %						
	0.035 max.						

Hot Work and Heat Treatment Temperatures

Preheat Treatment °F (°C)	Austenitizing Temperature, °F (°C)		Austenitizing Time (minutes)	Quench Medium	Tempering Temperature, °F (°C)	Minimum Hardness, RC
	Salt Bath	Controlled Atmosphere Furnaces				
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Mechanical Properties at Room Temperature

Condition	Ø mm.	Rp0,2 min. N/mm2	Rm N/mm2	A min. %	KV min. J	Max. Brinell Hardness	
						Annealed BHN	Cold Drawn BHN
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