

Quality	9840
According to Standard	ASTM A 29/A 29M
Number	-



Comparable Standards	EN	W.N.	BS 970	DIN			
	36CrNiMo4	1.6511	816M40	36CrNiMo4			

Chemical Analysis	C % max	Mn %	Si %	Cr %	Ni %	Mo %	S%
	0.38 - 0.43	0.70 - 0.90	0.20 - 0.35	0.70 - 0.90	0.85 - 1.15	0.20 - 0.30	0.040 max.
	P %						
0.040 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				
-	-	-	-	-	-	-

Mechanical Properties at Room Temperature

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