

Quality	9840																						
According to Standard	ASTM A 29/A 29M																						
Number	-																						
 KRANTI INDUSTRIAL METAL SUPPLIER LLP																							
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																							
<table><tr><th rowspan="2">Preheat Treatment °F (°C)</th><th colspan="2">Austenitizing Temperature, °F (°C)</th><th rowspan="2">Austenitizing Time (minutes)</th><th rowspan="2">Quench Medium</th><th rowspan="2">Tempering Temperature, °F (°C)</th><th rowspan="2">Minimum Hardness, RC</th></tr><tr><th>Salt Bath</th><th>Controlled Atmosphere Furnaces</th></tr><tr><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></table>								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	Rp0,2 min.	Rm	A min. %	KV min. J	Max. Brinell Hardness																	
	mm.	N/mm2	N/mm2			Annealed BHN	Cold Drawn BHN																
	-	-	-	-	-	-	-																