

Quality	4340
According to Standard	ASTM A 29/A 29M
Number	-



Comparable Standards	EN	W.N.	BS 970	DIN			
	-	1.6565	817M40	40NiCrMo6			

Chemical Analysis	C %	Mn %	Si %	Cr %	Ni %	Mo %	S%
	0.38 - 0.43	0.60 - 0.80	0.15 - 0.35	0.70 - 0.90	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				
-	-	-	-	-	-	-

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
	-	-	-	-	-	-	-