

Quality	15NiCr13
According to Standard	EN 10084 : 1998
Number	1.5752



Comparable Standards	EN	W.N.	B.S.			
	15NiCr13	1.5752	(655M13)			
Chemical Analysis	C %	Si % max	Mn %	P% max	S%	Cr %
	0.14 to 0.20	0.40	0.40 to 0.70	0.035	≤ 0.035	0.60 to 0.90
	Mo %	Ni %	B			
	—	3.00 to 3.50	—			

Hot Work and Heat Treatment Temperatures

End quench test Quenching ²⁾ °C	Carburizing temperature ³⁾ °C	Core-hardening temperature ^{4), 5)} °C	Case-hardening temperature ^{4), 5)} °C	Tempering ⁶⁾ °C
880	880 to 980	840 to 880	780 to 820	150 to 200

Mechanical Properties at Room Temperature

Mechanical Properties for the ruling section with a diameter)d) or for flat products thickness (f) of				
Re min. MPa ^c	R _m	A min. %	Z min. %	KV ^b min. J
-	-	-	-	-

Hardness Requirements for Products Delivered in the Conditions 'treated to improve shearability' (+S), 'annealed to maximum hardness requirements' (+A), 'treated to hardness range' (+TH), or 'treated to ferrite - pearlite structure and hardness range' (+FP)

Brinell Hardness in the Condition					
+S max.	+A max.	+TH min.	+TH max.	+FP min.	+FP max.
255	229	179	229	166	217