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

ALOK INGOTS
steel re engineered
AN ISO 9001:2008 CERTIFIED COMPANY

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

R_e 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	**+A**	**+TH**		**+FP**	
max.	**max.**	**min.**	**max.**	**min.**	**max.**
255	229	179	229	166	217