Quality	**S2**
According to Standard	**ASTM A 681**
Number	**-**

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

Comparable Standards	**EN**	**W.N.**	**AISI**	**DIN**	**UNS**
	-	1.2510	-	100MnCrW4	T41902

Chemical Analysis	**C %**	**Mn %**	**Si %**	**Cr %**	**V %**	**Mo %**	**S%**
	0.40 to 0.55	0.30 to 0.50	0.90 to 1.20	-	0.50 max.	0.30 to 0.60	0.030 max.

P %	**W %**
0.030 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**				
1250 (677)	1625 (885)	1650 (899)	5 - 15	Brine	400 (204)	58

Mechanical Properties at Room Temperature

Condition	**Ø mm.**	**Rp0,2 min. N/mm2**	**Rm N/mm2**	**A min. %**	**KV min. J**	**Max. Brinell Hardness Annealed BHN**	**Cold Drawn BHN**
	-	-	-	-	-	217	241