

Material Grade: **1.0715**

Associated Standard: **Werkstoff**

1. STEELMAKING

	<u>C</u>	<u>Si</u>	<u>Mn</u>	<u>S</u>	<u>P</u>
Min			0.90	0.27	
Max	0.14	0.05	1.30	0.33	0.11

2. TYPICAL MECHANICAL PROPERTIES

Test type			<u>Tensile and hardness test (at room temperature)</u>					
			Yield (Re)	0.2 % proof	UTS (Rm)	Elong (A)	R of A (Z)	Hardness
Variation	Sample dia	Unit	<i>N/mm2</i>	<i>N/mm2</i>	<i>N/mm2</i>	<i>%</i>	<i>%</i>	<i>HB</i>
Untreated	> 64 ≤ 100mm	Min						
		Max						156
Cold drawn	> 64 ≤ 100mm	Min	245		380	10		
		Max			630			