

Material Grade: **1.5714**

Associated Standard: **Werkstoff**

1. STEELMAKING

	<u>C</u>	<u>Si</u>	<u>Mn</u>	<u>S</u>	<u>P</u>	<u>Cr</u>	<u>Ni</u>
Min	0.13		0.70			0.60	0.80
Max	0.19	0.40	1.00	0.035	0.035	1.00	1.10

2. TYPICAL MECHANICAL PROPERTIES

Test type			Tensile and hardness test (at room temperature)						Impact test (KV)
			Yield (Re)	0.2 % proof	UTS (Rm)	Elong (A)	R of A (Z)	Hardness	Room Temp
Variation	Sample dia	Unit	N/mm ²	N/mm ²	N/mm ²	%	%	HB	J
Annealed		Min							
		Max					217		
Quench + tempered 200°C	16-40mm	Min		900					
		Max							