

Material Grade: **1.6582**

Associated Standard: **Werkstoff**

1. STEELMAKING

	<u>C</u>	<u>Si</u>	<u>Mn</u>	<u>S</u>	<u>P</u>	<u>Cr</u>	<u>Mo</u>	<u>Ni</u>
Min	0.30		0.50			1.30	0.15	1.30
Max	0.38	0.40	0.80	0.035	0.035	1.70	0.30	1.70

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/mm2	N/mm2	N/mm2	%	%	HB	J
Annealed		Min							
		Max					248		
Q+T	> 101 ≤ 160mm	Min	700		900	12	40		45
		Max			1100				