

Material Grade: **1.0402**

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>	<u>Cr+Mo+Ni</u>
<b>Min</b>	0.17		0.40						
<b>Max</b>	0.24	0.40	0.70	0.045	0.045	0.40	0.10	0.40	0.63

**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	N/mm <sup>2</sup>	N/mm <sup>2</sup>	N/mm <sup>2</sup>	%	%	HB
<b>Annealed</b>		<b>Min</b>						
		<b>Max</b>						156
<b>Q+T</b>	<b>&gt; 17 ≤ 40mm</b>	<b>Min</b>	290		470	22	50	
		<b>Max</b>			620			