

Quality	805M22
According to Standard	PD 970:2005
Number	-



Comparable Standards	W.N.	AISI
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1.6543	8622
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Chemical Analysis	C %	Mn %	Si %	Cr %	Ni %	Mo %
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0.19 to 0.25	0.60 to 0.95	—	0.35 to 0.65	0.35 to 0.75	0.15 to 0.25
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P%	S%
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### Hot Work and Heat Treatment Temperatures

Max. Hardness HBW (When specified on the order) in the condition of delivery

Bars for machining

Hardening °C

Bars and billets for forging

Normalized

Sub-Critically annealed

Normalized and Tempered

820 to 840	217	217	-	-
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### Mechanical Properties at Room Temperature

Condition	Ø mm.	Rp0,2 min. N/mm2	Rm N/mm2	A min. %	KV min. J	Max Hardness HB
	19	—	930	10	11	—