

<b>Quality</b>	835M30
<b>According to</b>	PD 970:2005
<b>Number</b>	-



<b>Comparable Standards</b>	W.N.	AISI
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<b>Chemical Analysis</b>	<b>C %</b>	<b>Mn %</b>	<b>Si %</b>	<b>Cr %</b>	<b>Ni %</b>	<b>Mo %</b>
	0.26 to 0.34	0.45 to 0.70	—	1.10 to 1.40	3.90 to 4.30	0.20 to 0.35

<b>P%</b>	<b>S%</b>
0.025 max.	0.025 max.

**Hot Work and Heat Treatment Temperatures**

<b>Preheat Treatment °C</b>	<b>Austenitizing °C</b>	<b>Hardening °C</b>	<b>Tempering °C</b>
No Hardenability data		810 to 840	200 to 280

**Mechanical Properties at Room Temperature**

<b>Condition</b>	<b>Ø</b>	<b>Rp0,2 min.</b>	<b>Rm</b>	<b>A min. %</b>	<b>KV min. J</b>	<b>Max Hardness</b>
	mm.	N/mm2	N/mm2			HB
Z <sup>b</sup>	150	1125	1550 min.	7	16	444 min.