

WN 1.0060 or DIN St 60

1. Chemical Composition

C	N	P	S
≤ 0.5	≤ 0.009	≤ 0.045	≤0.045

2. Mechanical Properties

Yield stress (Mpa)	UTS (MPa)	Elongation (%)	A (%)	Impact E (J)	Hardness (HB)
Min 255	540- 770	Min 6	-	Min ۲۷	-

3. Heat Treatment

Row	Heat treatment type	Temp. Range °C
1	Normalizing	-
2	Annealing	-
3	Quenching	-
4	Tempering	-
5	Hot Work	-

4. Applicable Standards

EU EN	USA ASTM	Japan JIS	France AFNOR	England BS	Russia GOST
E335	A572 Grade 65	SM570	E335	55C	St6ps
Italy UNI	China GB	Sweden SS	Poland PN	Czechia CSN	Inter ISO
E335	-	1650	MSt6	11600	-