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# REINFORCING STEEL BAR

**B500B | B500C | B550B**



## PRODUCT SPECIFICATION

<b>Grade</b>	» B500B, B500C, B550B
<b>Ductility</b>	» High
<b>Surface</b>	» Ribbed
<b>Diameter</b>	» 6 to 40 mm
<b>Fabricated</b>	» According to national standard
<b>Availability</b>	» From stock or from production
<b>Certified for following countries</b>	» A   B   CH   CZ   D   DK   F   GB   HU   N   NL   PL   S   SK

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# REINFORCEMENT STEEL BAR

**B500B | B500C | B550B**

<b>Bar lengths</b>	12 m, 14 m and 15 m (other lengths available on request)
<b>Bar length tolerance</b>	± 100 mm
<b>Bundling</b>	Bundle tied with steel strapping or wire rod. Stackable; allow the use of magnet traverses for safe lifting and transportation
<b>Bundle weight</b>	2.500 kg + 100 kg / - 300 kg



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## B500B FOR GERMANY

According to DIN 488.

### Physical values according to DIN 488 (quantile values)

Yield strength $R_e$	Min. 500 MPa
Ratio tensile strength/yield strength $R_m/R_e$	Min. 1.08
Elongation at max. load $A_{gt}$	Min. 5 %
Fatigue strength	According to DIN 488
Weldable	( $C \leq 0.22$ %)

### Re-bendability

Suitable; observe the regulation of the DBV data sheet February 1991 about the re-bending of reinforcement steel.