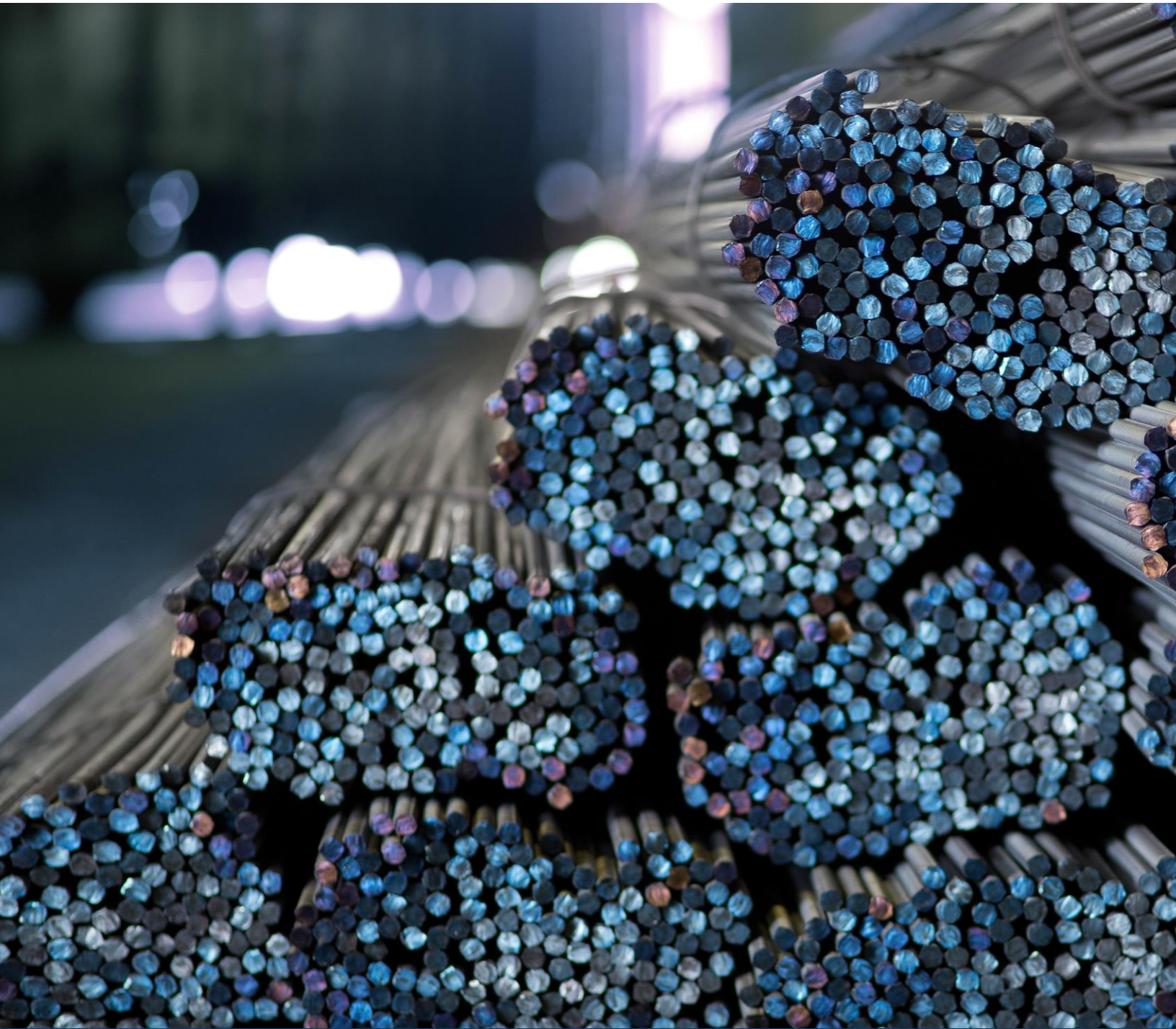




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Product Data Sheet for reinforcing steel in bars

B550B

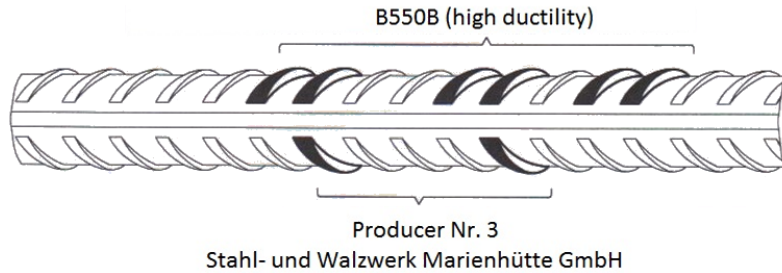
Diameter	[mm]	8	10	12	14	16
		20	26	30	36	40

Bar Length	[m]	6-30
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Special lengths available on request.

Chemical Components & Weldability	[%]	C ≤ 0,24	S ≤ 0,055	P ≤ 0,055	N ≤ 0,014	Cu ≤ 0,85	C_{eq} ≤ 0,52
		By respecting the above mentioned chemical components the producer guarantees the weldability for each batch.					

Labelling



Certificates

Austria: Nr.: Z-2.1.1-16-0066 (ÖNORM EN 10080 and ÖNORM B4707)
Croatia: Certifikat o stalnosti svojstava 1/05-ZGP-2095
Slovenia: STS-07/058
Hungary : 20-CPR-14-(C-4/2008)
Slovakia: Certifikat SK04-ZSV-1948
Czech Republic: Certifikát výroby č. 204/C5/2014/070-036991

Standards

Production according to ÖNORM 4707 and ÖNORM EN 10080

Mechanical-technological properties

Yield strength Re	≥ 550 MPa	Rib area fR	
		∅ 8mm ≤ d ≤ ∅ 12mm	≥ 0,040
		∅ 14mm ≤ d ≤ ∅ 40mm	≥ 0,056
Yield strength R _{max}	≤ 715 MPa	Fatigue:	
Ratio (R _m /R _e)	≥ 1,08	High tension	300 MPa
Uniform strain A _{gt}	≥ 5%	Working stroke	2 σ _a für 2*10 ⁶
		Load change	150 MPa



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