



B550B - AUSTRIA

STANDARD: **ÖNORM B4707-2017**

PRODUCT TYPE: **BETONSTABSTHAL B550B ÖNORM B4707:2017**

DIMENSION: \varnothing mm **8 - 10 - 12 - 14 - 16 - 18 - 20 - 22 - 25 - 26 - 28 - 30 - 32 - 40**

CHEMICAL COMPOSITION (%)

	C	S	P	Cu	N	Ceq	It is permitted to exceed the maximum values for carbon by 0,03 % by mass, provided that the carbon equivalent value is decreased by 0,02 % by mass
Cast analysis	0,22	0,050	0,050	0,80	0,012	0,50	
Product analysis	0,24	0,055	0,055	0,85	0,014	0,52	

MECHANICAL PROPERTIES

	Characteristic values		Minimum
	Min	MAX	
UPPER YIELD STRENGTH R_{eH} (MPa)	550	715	533
R_m/R_{eH}	1,08		1,06
PERCENTAGE TOTAL ELONGATION AT MAXIMUM FORCE A_{gt} (%)	5,0		4,0

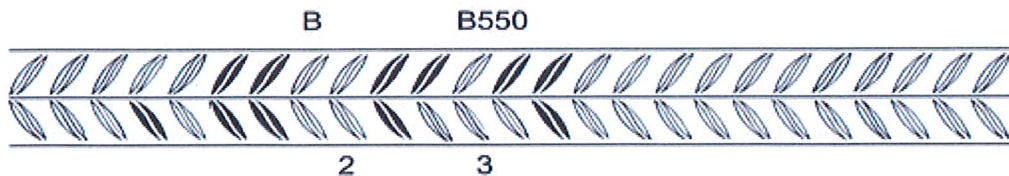
GEOMETRY

	DEVIATION FROM NOMINAL MASS (%)	$\varnothing \leq 8$
	$\varnothing > 8$	$\pm 4,5$
RELATIVE RIB AREA f_R	$\varnothing = 8 \div 10 \div 12$	$\geq 0,040$
	$\varnothing > 12$	$\geq 0,056$

BEND

Angle of bend	= 180°
Bend mandrel	
$\varnothing \leq 16$ mm	$\varnothing > 16$ mm
3 \varnothing	6 \varnothing

MARKING



QSE

Baruzzi Mario

QSM

Brunori Andrea