



**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	
<b>UPPER YIELD STRENGTH <math>R_{eH}</math> (MPa)</b>	550	715	533
$R_m/R_{eH}$	1,08		1,06
<b>PERCENTAGE TOTAL ELONGATION AT MAXIMUM FORCE <math>A_{gt}</math> (%)</b>	5,0		4,0

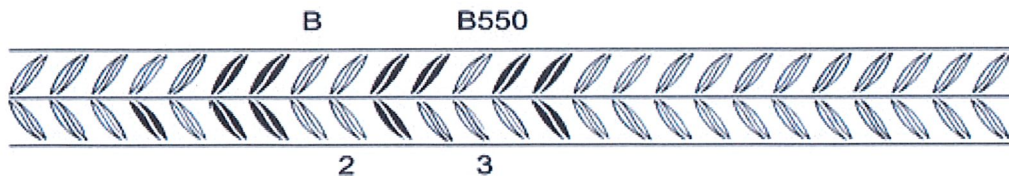
**GEOMETRY**

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

**BEND**

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

**MARKING**



QSE

Baruzzi Mario

QSM

Brunori Andrea