



MARIENHÜTTE

Product Data Sheet

**S235JR**



DIAMETER [mm]	8	10	12	14	15	16	18
	20	22	24	25	26	28	30
<i>Special dimensions available on request.</i>							
BAR LENGTH [m]	6						
<i>Special lengths available on request.</i>							
CHEMICAL COMPONENTS & WELDABILITY [%]	<b>C</b>	<b>Mn</b>	<b>P</b>	<b>S</b>	<b>N</b>	<b>Cu</b>	<b>C<sub>eq</sub></b>
	≤ 0,17	≤ 1,40	≤ 0,035	≤ 0,035	≤ 0,012	≤ 0,55	≤ 0,35
<i>By respecting the above mentioned chemical components the producer guarantees the weldability for each batch.</i>							
BUNDLE WEIGHT	The bunch weight is appx. 2t.						
STANDARD	According to EN 10025 (Holds a CE-label)						
OVALITY	According to EN 10060:2004						
ZINC COATING	Possible for zinc coating according to class 2 & 3 acc. 10025-2:2004(D)						
MECHANICAL-TECHNOLOGICAL PROPERTIES	Yield strength R <sub>eh</sub>		Tensile strength R <sub>m</sub>		360–510 MPa		
	≤ 16 mm	235 MPa	Min. fracture elongation A5		26 %		
	> 16 mm	225 MPa					

