



MARIENHÜTTE



Product Data Sheet

**S235JR**

<b>Diameter</b>	<b>[mm]</b>	<b>8</b>	<b>10</b>	<b>12</b>	<b>14</b>	<b>16</b>	<b>18</b>
		<b>20</b>	<b>25</b>	<b>28</b>	<b>30</b>		

Special dimensions available on request.

<b>Bar Length</b>	<b>[m]</b>	<b>6</b>
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Special lengths available on request.

<b>Chemical Components &amp; Weldability</b>	<b>[%]</b>	<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

By respecting the above mentioned chemical components the producer guarantees the weldability for each batch.

**Bundle Weight** The bunch weight is appx. 2t.

**Standard** According to ÖNORM EN 10025 (Holds a CE-label)

**Ovality** According to ÖNORM EN 10060:2004

**Zinc coating** Possible for zinc coating according to class 2 & 3 acc. ÖNORM 10025-2:2004(D)

<b>Mechanical-technological properties</b>	<b>Yield strength R<sub>eh</sub></b>	<b>Tensile strength R<sub>m</sub></b>	<b>360-510 MPa</b>
	<b>≤ 16mm</b>	<b>235 MPa</b>	<b>Min. fracture elongation A5 26 %</b>
	<b>&gt; 16mm</b>	<b>225 MPa</b>	



# MARIENHÜTTE

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