

**Karvina - fact sheet**

Longitudinal Welded			
Type/standard	Size		Grades/quality
	Outside Diameter	Wall Thickness	
<b>1. Tubes for engineering and automotive (e.g. radiators, furniture, cars, bicycles)</b>			
<b>EN 10305-2</b>	10 - 120 mm	1.0 - 6.0 mm	E155, E195, E235, E275, E355
DIN 2393			St 34-2, RSt 37-2, St 44-2, St 52-3
<b>EN 10305-3</b>	10 - 70 mm	0.5 - 3.2 mm	E155, E195, E235, E275, E355
DIN 2394			St 34-2, RSt 37-2, St 44-2, St 52-3
<b>EN 10305-5</b>	H = 10 - 150 mm	0.5 - 4.0 mm	E155, E195, E235, E275, E355
DIN 2395			RSt 37-2, St 44-2, St 52-3
DIN 1626 / DIN 2458	17.2 - 114.3 mm	1.8 - 5.6 mm	St 37.0, St 44.0, St 52.0
<b>2. Tubes for construction (e.g. scaffolding, building, engineering)</b>			
<b>EN 39</b>	48.3 mm	Type 3 and 4	S235GT
<b>EN 10210-1 / EN 10210-2</b>	OD = 17.2 - 114.3 mm H=50, 60, 80 mm	1.8 - 5.0 mm	S235JRH, S275JRH, S355JRH
<b>EN 10219-1 / EN 10219-2</b>	OD = 10.0 - 150.0 mm H = 10.0 - 150.0 mm	0.5 - 4.0 mm	S235JRH, S275JRH, S355JRH
<b>3. Tubes for piping &amp; pressure (e.g. media distribution)</b>			
<b>EN 10217-1 / EN 10220</b>	17.2 - 114.3 mm	1.8 - 5.0 mm	P195TR1, P235TR1, P265TR1, P195TR2, P235TR2, P265TR2
DIN 1626 / DIN 2458	17.2 - 114.3 mm	1.8 - 5.0 mm	St 37.0, St 44.0, St 52.0
<b>4. Tubes for gas transportation (e.g. gas and flammable media distribution)</b>			
<b>EN 10208-1 / EN 10220</b>	17.2 - 114.3 mm	1.8 - 5.0 mm	L210GA, L235GA, L245GA L290GA, L360GA
DIN 1626 / DIN 2458	17.2 - 114.3 mm	1.8 - 5.0 mm	St 37.0, St 44.0, St 52.0
<b>5. Tubes for general purposes (e.g. water distribution)</b>			
<b>EN 10255</b>	3/8 - 4" 17.2 - 114.3 mm	H, M, L, L1, L2	S195T
DIN 2440	3/8 - 4" 17.2 - 114.3 mm	M	RSt 37-2, S235JR
DIN 2441	3/8 - 4" 17.2 - 114.3 mm	H	RSt 37-2, S235JR
ISO 65	3/8 - 4" 17.2 - 114.3 mm	H, M, L1, L2	TW.0.RSt 37-2, S235JR
<b>6. Cold rolled steel sections (e.g. building, engineering)</b>			
<b>EN 10162</b>	H = 6 - 150 mm Unfold with max. 500 mm	0.5 - 6.0 mm	S235JR, S275JR, S355J0

Special Coating And Protection
<ul style="list-style-type: none"> <li>Hot dip galvanising</li> </ul> EN 10240 (coating A-quality used for water for human consumption)
<ul style="list-style-type: none"> <li>Varnishing (water-based)</li> </ul> Denacor HG (transparent, blue, green, red-brown)
<ul style="list-style-type: none"> <li>Temporary protection</li> </ul> Oil (Konzervol, Konkor)
<ul style="list-style-type: none"> <li>Bonderising</li> </ul> Fe-Zn phosphate - granodraf

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