

Seamless Steel Pipes and Tubes Dimensions, Conventional Masses per Unit Length		DIN 2448														
<p>Nahtlose Stahlrohre; Masse, längenbezogene Massen</p> <p><i>As it is current practice in standards published by the International Organization for Standardization (ISO), the comma has been used throughout as a decimal marker.</i></p>																
<p>1 Scope</p> <p>This Standard applies to the dimensions and the conventional masses per unit length of seamless steel pipes according to the technical conditions of delivery as stipulated in DIN 1629 Part 1 to Part 4, DIN 17 172 and DIN 17 175.</p> <p>It also applies to other technical conditions of delivery in which reference to this Standard is made.</p> <p>It defines that sector, selected from DIN ISO 4200, within which seamless steel pipes are standardized.</p> <p>It does not apply to precision steel tubes according to DIN 2391.</p>																
<p>2 Other relevant standards</p> <table border="0"> <tr> <td style="vertical-align: top;">DIN ISO 4200</td> <td>Seamless and welded steel tubes; general table of dimensions and conventional masses per unit length</td> </tr> <tr> <td style="vertical-align: top;">DIN 1629 Part 1</td> <td>Seamless tubes in unalloyed steels for supply purposes, process plant and tanks; survey, technical conditions of delivery, general data</td> </tr> <tr> <td style="vertical-align: top;">DIN 1629 Part 2</td> <td>Seamless tubes in unalloyed steel for supply purposes, process plant and tanks; tubes of commercial quality; technical conditions of delivery</td> </tr> <tr> <td style="vertical-align: top;">DIN 1629 Part 3</td> <td>Seamless tubes in unalloyed steels for supply purposes, process plant and tanks; tubes with quality specifications, technical conditions of delivery</td> </tr> <tr> <td style="vertical-align: top;">DIN 1629 Part 4</td> <td>Seamless tubes in unalloyed steels for supply purposes, process plant and tanks; tubes with special quality specifications, technical conditions of delivery</td> </tr> <tr> <td style="vertical-align: top;">DIN 17 172</td> <td>Steel pipes for long-distance pipelines for combustible liquids and gases; technical conditions of delivery</td> </tr> <tr> <td style="vertical-align: top;">DIN 17 175</td> <td>Seamless tubes of heat-resistant steels; technical conditions of delivery</td> </tr> </table>			DIN ISO 4200	Seamless and welded steel tubes; general table of dimensions and conventional masses per unit length	DIN 1629 Part 1	Seamless tubes in unalloyed steels for supply purposes, process plant and tanks; survey, technical conditions of delivery, general data	DIN 1629 Part 2	Seamless tubes in unalloyed steel for supply purposes, process plant and tanks; tubes of commercial quality; technical conditions of delivery	DIN 1629 Part 3	Seamless tubes in unalloyed steels for supply purposes, process plant and tanks; tubes with quality specifications, technical conditions of delivery	DIN 1629 Part 4	Seamless tubes in unalloyed steels for supply purposes, process plant and tanks; tubes with special quality specifications, technical conditions of delivery	DIN 17 172	Steel pipes for long-distance pipelines for combustible liquids and gases; technical conditions of delivery	DIN 17 175	Seamless tubes of heat-resistant steels; technical conditions of delivery
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<p>3 Designation, order code</p> <p>Designation of a seamless steel pipe made of St 35, having an outside diameter of pipe of 273 mm and a wall thickness of 6,3 mm:</p> <p style="text-align: center;">Pipe DIN 2448 – St 35 – 273 x 6,3</p>																
<p>When ordering pipes according to this Standard, the corresponding elements of an order code must be extracted from the particular technical condition of delivery, e.g.:</p> <ul style="list-style-type: none"> – quantity ordered, – standard designation, – technical condition of delivery, – material test certificate, – internal and/or external protection, etc. <p>The order code for 1000 m of seamless steel pipes according to this Standard made of St 35, having an outside diameter of pipe of 273 mm and a wall thickness of 6,3 mm and according to the technical condition of delivery as specified in DIN 1629 Part 3, to be supplied with acceptance test certificate 3.1 B according to DIN 50 049, is:</p> <p style="text-align: center;">1000 m of pipe DIN 2448 – St 35 – 273 x 6,3 – DIN 1629 Part 3 – 3.1 B</p>																
<p>4 Dimensions</p> <p>In the table of dimensions and conventional masses (weights) per unit length, the outside diameters of pipes are arranged in three series in accordance with DIN ISO 4200, these being defined as follows:</p> <p>Series 1: Pipes with outside diameters in respect of which all the accessories required for the construction of a pipeline e.g., mouldings for welding, flanges, flange mouldings, are standardized or shall be standardized.</p> <p>Series 2: Pipes with outside diameters in respect of which a major proportion of the accessories are standardized, but not all.</p> <p>Series 3: Pipes with outside diameters for special fields of application, in respect of which there are generally no standardized accessories; in the course of time, one or another of these diameters may be proposed for deletion.</p> <p>The conventional masses (weights) per unit length which are printed in bold type, indicate pipes having outside diameters in series 1, with preferred wall thicknesses according to DIN ISO 4200.</p>																
<p>5 Conventional masses (weights) per unit length</p> <p>The values of the conventional masses (weights) per unit length have been taken from DIN ISO 4200.</p>																
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