



1 Building and Construction

Press Fitting System for Drinking Water Pipes

Grade 316 stainless steel is often selected for drinking water pipes. Costs are reduced considerably if the ferritic stainless grade 444 is used instead of the austenitic 316 grade. This strengthens the competitive position of stainless steel against the other materials that can be used in this application.



Location/environment | GERMANY AND SWITZERLAND/INDOOR

Product | COLD ROLLED STAINLESS STEEL STRIPS

Fabrication process | FORMING AND WELDING

Grade/surface | AISI 444/2B

Material thickness/diameter | 10 - 100 MM DIAMETER

Weight | 0.64 KG/M (AVG.)

Competing material | MLP/ALUMINIUM, COPPER, CARBON STEEL, PLASTIC

Date of completion | ONGOING

Manufacturer | FISCHER EDELSTAHLROHRE, SCHOELLER WERK, NIROSAN, ESTA ROHR

Material supplier | THYSSENKRUPP NIROSTA

Source of information | THYSSENKRUPP NIROSTA

Remarks