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 EDELSTAHLRÖHRE, SCHOELLER WERK, NIROSAN, ESTA ROHR
Material supplier  THYSSENKRUPP NIROSTA
Source of information  THYSSENKRUPP NIROSTA
Remarks