



Ordering and Application Instructions Concerning the Danger of Hydrogen-Induced Brittle Fractures of Connecting Elements Made From Metal

The danger of hydrogen embrittlement of mechanical connecting elements that are made from metal using conventional manufacturing methods (including aftertreatment) cannot be entirely avoided despite exercising extreme caution.

This can cause problems with hydrogen-induced brittle fractures, especially in conjunction with electroplated, pickled, high-strength or hardened products as described in DIN EN ISO 4042.

If special attention should be paid to minimising the danger of hydrogen embrittlement in the application range of the product we are to provide (e.g. for design or safety reasons), we recommend that you consult with us before choosing the base material and machining process.

Since hydrogen-induced brittle fractures cannot be entirely ruled out, we assume limited liability only. Please refer to our general terms and conditions and payment and delivery terms.

Otto Roth GmbH & Co KG