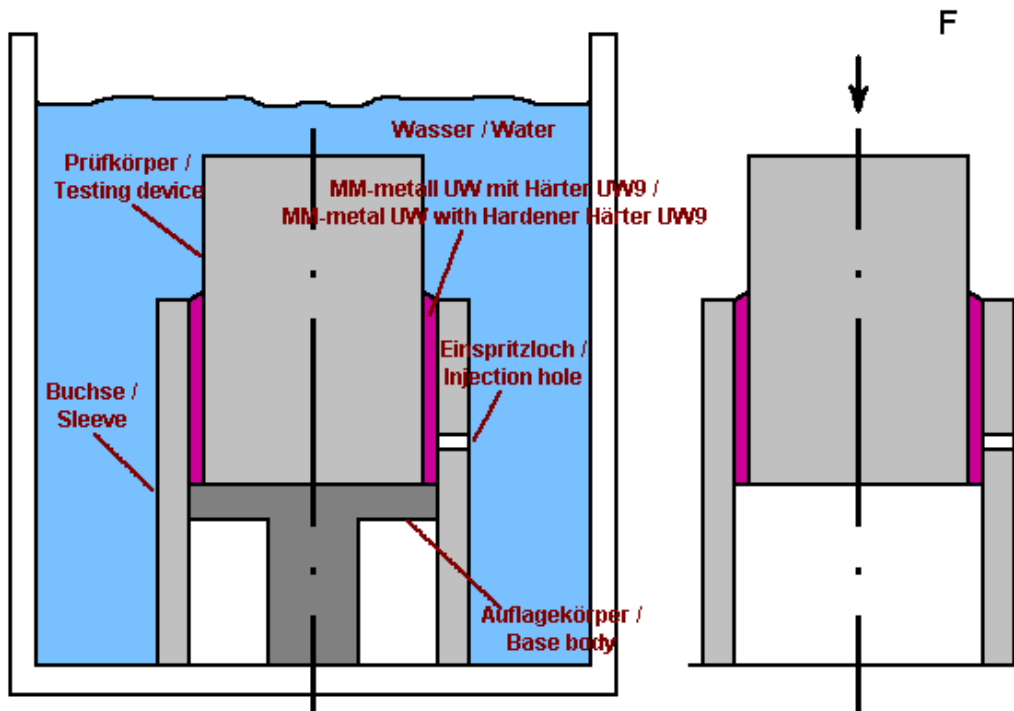


TEC-# 005

Test of the compression-shear-strength of MM-metal UW with Hardener UW9 after injection under water

Used products

MM-metal UW with Hardener UW9



Description

Normally MM-metal UW gets a pasty application consistency after mixing with Hardener. When a different mixing ratio (2 volumen parts MM-metal UW with 1,5 volumen parts Hardener UW) is chosen, you receive a liquid application consistency, so that the PolymerMetal can also be injected.

During the test the PolymerMetal was injected under water at a very low water temperature of 3 °C. From the changed mixing ratio and the low temperature results a pot life of appr. 65 min.

The test of the compression-shear-strength result in the following values

Time of measuring	Compression-shear-strength
6 h after injection	5,21 MPa
18 h after injection	7,80 MPa
48 h after injection	8,34 MPa

MultiMetall
the MetalExistenceCompany®

The product information and instructions provided in this leaflet were prepared to the best of our knowledge and serve information purposes only. We recommend that appropriate tests are carried out prior to application in order to ensure that the products and methods fulfil the purpose desired by the user. In this procedure, the given data may serve as a basis. Application and processing of the products lie outside our possible control and are therefore the sole responsibility of the user.