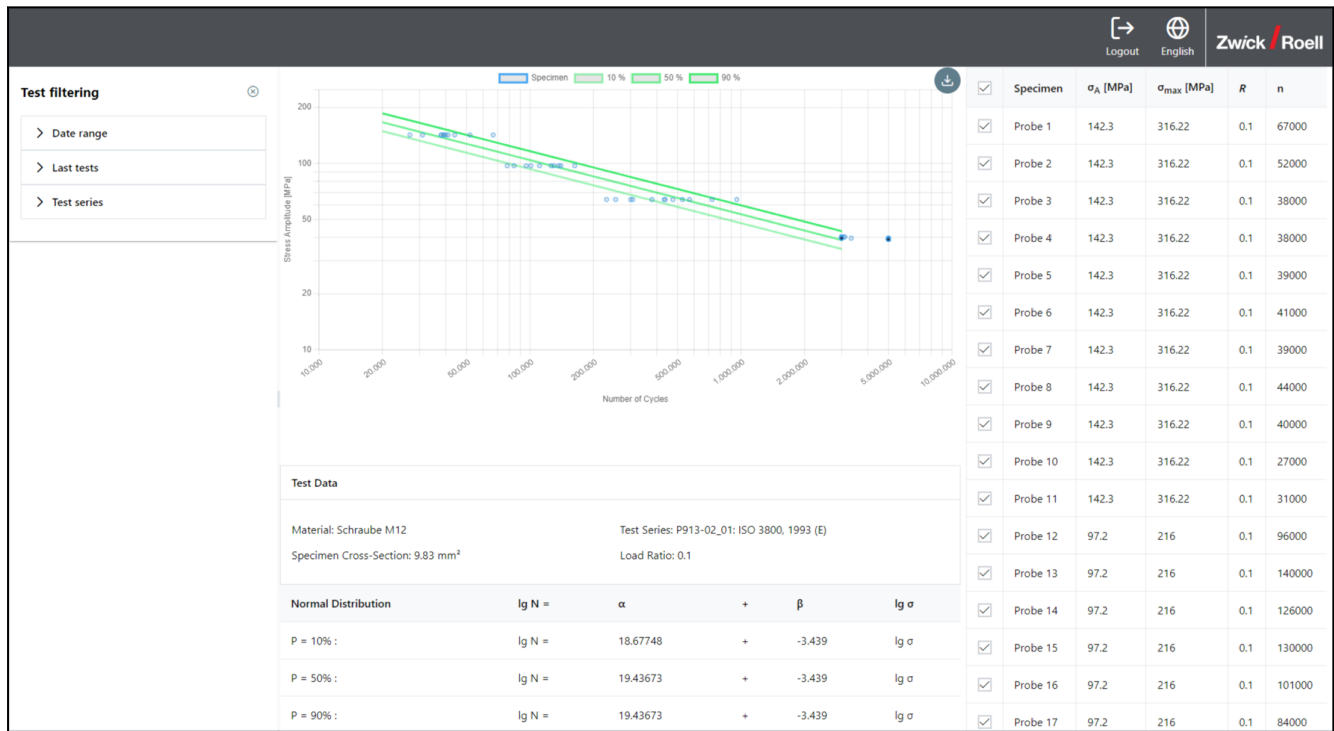


Product Information

Software for testing threaded fasteners and for S-N curves according to ISO 3800

CTA: 297324



testXpert Research and testXpert Analytics

testXpert R and testXpert Analytics software offer all the functions necessary to perform threaded fastener tests and evaluations to ISO 3800 quickly and easily.

The fatigue test on threaded fasteners is carried out with a constant mean load or a constant load ratio, until a specified number of cycles has been reached or until the specimen breaks.

In the subsequent evaluation of the test data, the S-N curve is shown according to ISO 3800 chapter 7.4.

testXpert Research standard test program for fatigue testing of threaded fasteners to ISO 3800

testXpert Research offers a standard test program to ISO 3800 that enables convenient test configuration.

The operator is selectively presented with only specific selection options to simplify the setup process with auxiliary graphics.

Fatigue Data Evaluation – the testXpert Analytics software tool for evaluating S-N curves to ISO 3800

testXpert Analytics grants access to all test data in testXpert Research. The data is simply made available via a web browser.

Thus, the data is seamlessly transferred to the Fatigue Data Evaluation and can be used to calculate the S-N curve, without any difficulty. This eliminates the need to create in-house calculation templates, use separate software tools, or outsource data evaluation.

The test results on which the calculation of the S-N curve is based are visible to the user in parallel to the curve and they can select them using the filter and selection functions.

The resulting S-N curve can be saved as a PNG via a download function

Description	Article-Number
testXpert R test program for fatigue tests on threaded fasteners to ISO 3800	1120569
testXpert Analytics – Fatigue Data Evaluation to ISO 3800	1120830