concrefy

FRESH THINKING
FOR CONSTRUCTION

What testing splices with Concrefy feels like

Testing mechanical splices and headed bars

Concrefy is specialised in testing reinforcement couplers for mechanical splices of bars according to various international standards and for various types of projects. For mechanical splices for reinforcement steel and headed bars, many international standards are available, setting different requirements and prescribing very specific tests.

Our laboratory belongs to a selection of laboratories worldwide that are able to carry out these tests. With our team of experienced employees and a well-equipped laboratory, we ensure that our customers have their reports within a few days after delivery of the samples. We carry out these tests for manufacturers of these coupling systems, but also for contractors and also users of these products. Based on static, dynamic and cyclic loading tests, we assess whether the products meet all the requirements for use in bridges, viaducts, power plants, dams, high-rise buildings or stadiums.

Check out our website for more information.

Testing mechanical splices – slip, tension and low cycle loading tests; diameters ϕ16 – ϕ40 mm

Your benefits

+ Wide experience in international regulations and standards
+ High-tech testing machines with capacity up to 1200 kN for tension tests (rebar diameters up to 40 mm)
+ Fatigue tests are conducted with high frequency pulsator test machines (one fatigue test takes only eight hours while hydraulic machines need an entire week for this test)
+ Accreditation for most common tests
+ You receive your test reports a few days after delivery of the samples. We care about your deadlines

All Tests in accordance with international standards

- ISO 15835: slip, tension, fatigue and low cycle tension and compression tests
- ISO 15698-2: tensile, wedge tensile test, high cycle fatigue, low cycle tension tests
- ACI 359-01: tension, tension at -7°C, and cyclic tension tests (100 cycles)
- AC133: static tension, static compression and cyclic tension and compression tests
- TUC Rail 30.2: slip, tension, fatigue tests
- NSW - SF2013/184115: slip, tension, fatigue tests
- IS 16172: slip, tension, cyclic tensile test, high cycle fatigue tests
- BS 8597: slip, tension, high cycle fatigue tests
- Cares TA1-B: slip, tension tests
- Cares TA1-C: slip, tension, compression, cyclic tensiontests (100 cycles)
- Caltrans CT670: slip, tension, cyclic tension tests (100 cycles)
- NF A35-020-2-1: slip, tension, fatigue and low cycle tension and compression tests
- NF A35-020-2-2: slip, tension, fatigue and low cycle tension tests

“We always try to exceed customer expectations. We know our customers and understand their urgency for having test results available quickly. Our short lines of communication with the customer and our focus on getting the job done ensure that you, as a customer, can rely on us. Please contact me for more information”

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