

Nuclear Construction Splicing Systems



OKILUOTO 3, Finland © AREVA / Päivi Bourdon

Experience Makes the Difference



The nVent LENTON Cadweld Metal-Filled Splicing Systems and nVent LENTON Taper-Threaded Splicing Systems are the preferred choice for rebar connections in the nuclear industry. They have been used in hundreds of nuclear projects worldwide, demonstrating their reliability and quality. Paired with certifications by ISO 9001:2015, NQA-1, and ASME®-QSC, our experience in handling multiple large-scale projects simultaneously make it even easier to choose nVent LENTON for quality systems and protocols that immediately support your needs.

TESTED OVER TIME

nVent LENTON Rebar Splices are rigorously tested and meet the codes of most national and international regulatory organizations.

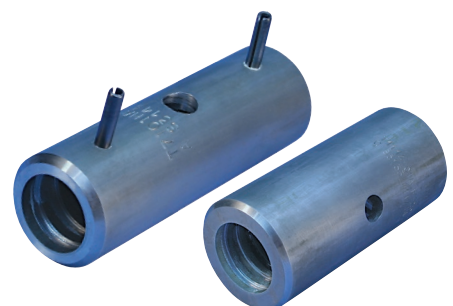
With over 25,000 tensile field tests performed, you can be assured our products are designed to meet your required performance. Our library of test data includes programs such as high-impact testing (blast), cryogenic testing, misalignment testing, fatigue testing (cyclic/seismic), ACI 359/ASME-III Div 2, ACI 349, and many more.

ENGINEERING SOLUTIONS AND SUPPORT

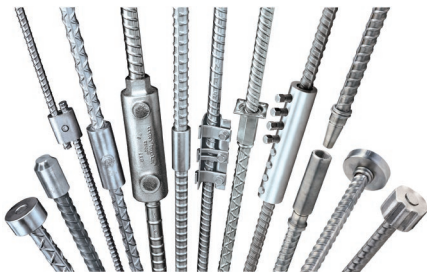
At nVent, we can provide a solution to meet your most demanding application. With our staff of qualified, experienced engineers and equipment capable of testing 57 (#18) mm rebar to ultimate tensile strength, we have the ability to produce custom products that will meet your design needs.

INTERNATIONAL CODES AND STANDARDS

nVent LENTON Mechanical Splices meet the requirements of ISO 9001:2015, see nVent.com/LENTON for a full list of major international codes and standards.



A Look at nVent LENTON Concrete Reinforcement Products



WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at nVent.com/LENTON and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and/or death, and void your warranty.



ACI is a registered trademark of the American Concrete Institute.

ASTM is a registered trademark of ASTM International.

IAPMO is a registered trademark of the International Association of Plumbing & Mechanical Officials.

IBC and ICC are registered trademarks of the International Code Council.

UBC (Uniform Building Code) is a registered trademark of the International Conference of Building Officials.

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nVent LENTON is a world leader in advanced mechanical rebar splicing systems. Our Rebar Splicing Specialists understand the reinforced concrete business and inherent rebar splicing challenges on today's job sites. nVent LENTON offers a wide range of Mechanical Splices for a wide variety of construction needs:

- nVent LENTON Taper-Threaded Splicing Systems – Ideal alternative to conventional lap splices
- Mechanical Anchors including nVent LENTON Terminator – Ideal alternative to hooked rebar anchorage and shear reinforcement
- nVent LENTON Ultimate Splicing Systems and Terminators – Ideal for high-strain, fatigue, seismic and nuclear performance requirements
- nVent LENTON Interlok Grout-Filled Precast Splicing System – Ideal for precast structures
- nVent LENTON Quick Wedge Lap Splicing System – Ideal for retrofit applications
- nVent LENTON Speed Sleeve Compression-Only Splices – Designed only for compression applications in columns and walls
- nVent LENTON Cadweld - Ideal for curved rebar in nuclear containment structures
- nVent LENTON Connect Shear Bolt Splicing System – Ideal in situ construction
- nVent LENTON Swaged Terminator – Ideal alternative for high-volume headed bar terminators

As your rebar splicing specialist, nVent LENTON offers you the expertise you need for all your rebar splicing projects.

nVent Engineered Electrical & Fastening Solutions is a leading global manufacturer and marketer of superior engineered products for niche electrical, mechanical and concrete applications. These nVent products are sold globally under a variety of market-leading brands: nVent ERICO welded electrical connections, facility electrical protection, and rail and industrial products; nVent CADDY fixing, fastening and support products; nVent ERIFLEX low voltage power and grounding connections; and nVent LENTON engineered systems for concrete reinforcement. For more information on nVent ERICO, CADDY, ERIFLEX and LENTON, please visit nVent.com/LENTON.





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