

Electrical contractors can count on the premium quality and ease of use of nVent CADDY Spring Steel Fasteners – an innovative and complete range of solutions.

Premium quality and unmatched innovation, dedicated to saving you time and keeping your installations in code since 1956.

nVent CADDY products are manufactured at the brand headquarters in Solon, Ohio, allowing us to control every step of the process and ensure each part meets our quality standards. From the steel we use to the nVent CADDY Armour coating on our spring steel parts, each step of our process ensures customers receive premium products. In addition to manufacturing our solutions in the United States, "Made in the USA" represents our commitment to contributing to local and national economies.

Through your purchase of nVent CADDY products, you invest in American-made and engineered products, supporting hundreds of U.S.-based manufacturing jobs.

**MADE  
IN THE  
USA**



**CONNECT AND PROTECT**

## nVent CADDY Spring Steel Fasteners

The Brand Story

Our powerful portfolio of brands:


**CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER**


  
**nvent**

**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/CADDY](http://nVent.com/CADDY) 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 death and/or void your warranty.

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[nVent.com/CADDY](http://nVent.com/CADDY)

  
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# Why Contractors Choose CADDY Spring Steel Fasteners

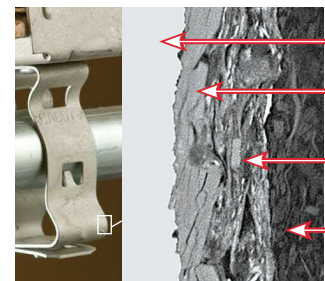
## Premium quality

Contractors need assurance the products they purchase are going to fulfill their needs and ultimately solve their everyday problems, such as costs associated with labor and material management. nVent CADDY is committed to earning the trust of contractors by providing the best solution—one that is simple, intuitive and helps to provide a lower total installed cost.

Unlike most manufacturers of spring steel, spring steel products are all stamped, heat treated and coated with Armour in-house, where we can control all aspects of the process and focus on the quality output so customers get the best solution for the job.

## Armour

The latest nVent CADDY innovation in coating technology; a three-layer coating system that is RoHS (Restriction of Hazardous Substances Directive) compliant.



Steel substrate

The first layer is a surface preparation of the steel fastener. It is a chemically bonded layer that improves coating adhesion.

The second layer is a base coat. It is formulated to self-heal from scratches and sacrifice itself to protect the fastener.

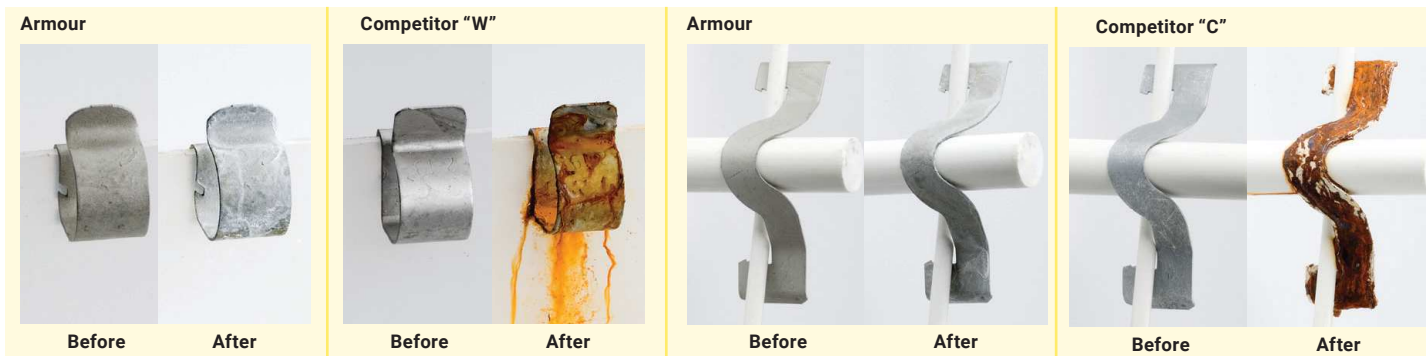
The third layer is a topcoat that provides added barrier protection.

## COMPARATIVE TEST RESULTS

To demonstrate the superior corrosion protection of Armour, our engineers subjected Armour and our competition to the same rigorous testing. To best simulate actual application conditions, we conducted comparative product testing\* at an outside certified laboratory. Cyclic corrosion testing, developed by the automotive industry to simulate conditions over a period of time, and

salt-spray testing were conducted to assess coating performance. Fasteners were tested under installed condition to best simulate job site application conditions.

The photos below demonstrate product performance after 1,000 hours of salt-spray testing.



See [nVent.com/ERICO](http://nVent.com/ERICO) for the terms of the Armour 10-year limited warranty.  
\* Salt-spray testing test method: ASTM B117 / DIN 50021; Cyclic corrosion test method: GM 9540P.

## Unmatched innovation

The versatility of nVent CADDY products cover a range of assembly configurations and orientations with fewer parts. Our unique solutions are easy to use and offer flexibility to adapt to the needs of specific projects.

Contractors can reap the numerous benefits to using spring steel in the application of fasteners, including:

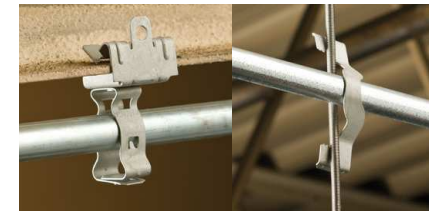
- High-gripping force
- High load capacity due to high tensile strength
- Lightweight
- Good material compatibility with typical steel substrates
- Ease of installation



## EASE OF USE

Contractors can install many of our products without any extra tools. We offer many tool-free solutions to help make installation quick and easy. Also, without the need for tools, adjustments can be made with ease. Too often, having or finding the right tools for the job isn't easy. Helping to minimize the number of tools needed on a job site is another way nVent CADDY strives to help our customers get the job done as efficiently as possible.

Additionally, spring steel parts provide exceptional versatility, enabling cleaner and stronger installations.



## FOCUS ON CUSTOMER

nVent CADDY was founded and continues to operate with a commitment to serving the customer. For decades, our product development team has worked with contractors on job sites to understand their challenges and frustrations. The team then applies these observations in the nVent CADDY lab to develop solutions to fit contractor needs, including ways to reduce time, increase ease and improve overall installation.

Since 1956, nVent CADDY has introduced many industry-leading innovations, including:

- First in electrical industry to receive UL listing on fasteners
- SGB (and then TSGB) screw gun bracket for mounting electrical boxes between studs
- J-hook supports for low-voltage cables
- CJ6 stud-mounted cable support
- nVent CADDY ALL-IN-ONE electrical box assemblies that combine a box, bracket and mud ring into a single stamping
- nVent CADDY ROD LOCK push-to-install rod connection technology

## DID YOU KNOW?

In 1993, the National Electrical Code updated standards that required protection to conductors from drywall screws and/or nails. Jim from Colorado, an electrical contractor, created a wire form device designed to comply with this update and introduced the idea to the nVent CADDY product development team. While initially intended for use in wooden structures, Jim's idea had additional potential. The nVent CADDY team refined and redesigned the concept for use with metal studs—and the CJ6 was born. It is now one of our most popular products! nVent CADDY listens to customers and seeks to understand how to make their jobs easier.

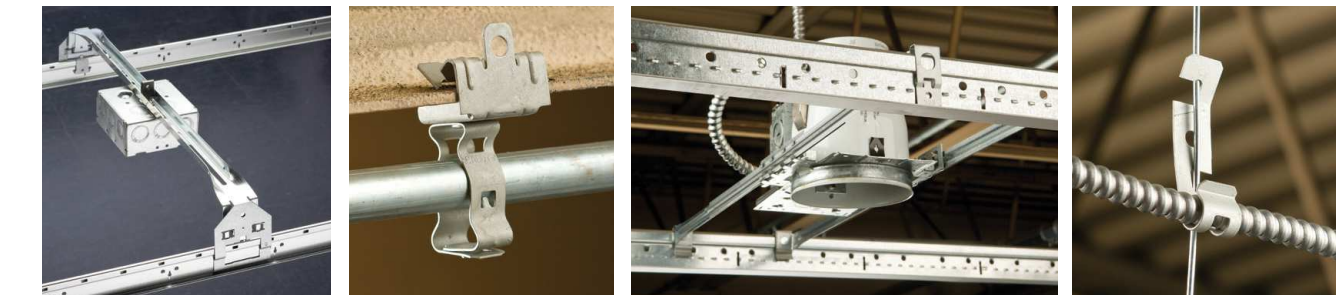
## Breadth of offering

Contractors can count on a variety of reliable and innovative nVent CADDY solutions. The expansive nVent CADDY portfolio of products offers thousands of spring steel SKUs in more than 25 countries. nVent CADDY has developed industry-leading solutions for many applications, including:

## DID YOU KNOW?

Most of the nVent CADDY part numbers refer to sizing in 1/16th. For example, 8P = 1/2" (8/16); 812M = 1/2 & 3/4" (8/16, 12/16); 16M = 1". This was created to help make a contractor's job easier when using nVent CADDY solutions.

## Spring steel applications

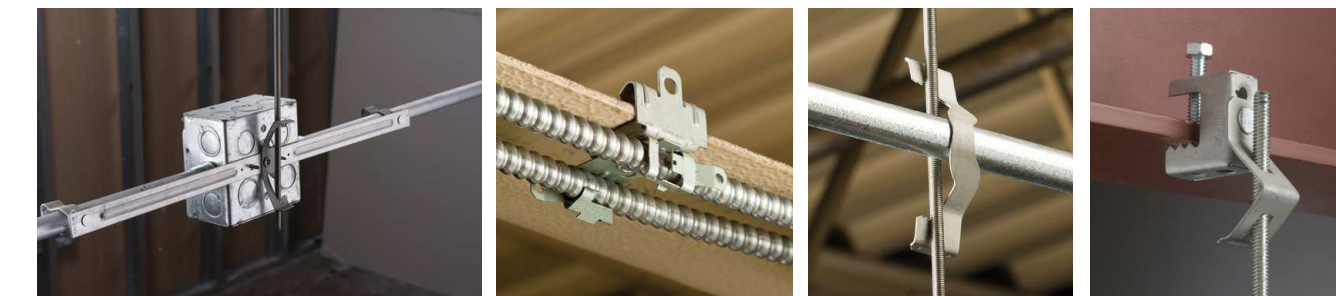


Electrical box from T-grid

Conduit from beam

Light fixture from wire/T-grid

MC/AC from wire/rod

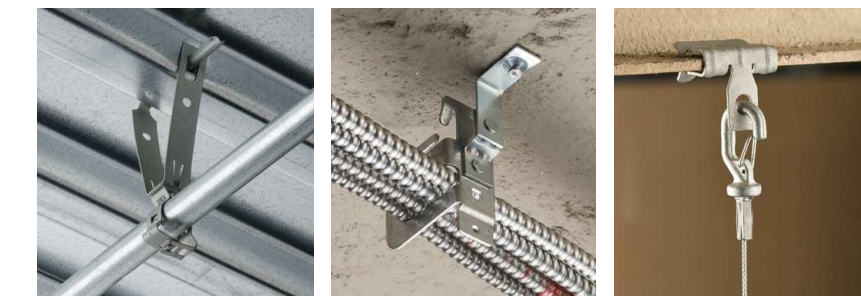


Electrical box and conduit from wire/rod

MC/AC from beam

Conduit from wire/rod

Wire/rod from beam



Conduit from metal deck

MC/AC from concrete

Wire/chain from beam

Contractors take pride in their work and want to leave behind a quality job. Structural fixing systems require a high degree of reliability, and no compromise on quality can be accepted. Every detail of a nVent CADDY fixing component—from initial conception through design, manufacturing and corrosion protection—is aimed to increase safety and reliability. nVent CADDY products provide the consistency and dependability electrical contractors around the world have come to expect.

[nVent.com/CADDY](http://nVent.com/CADDY)

Contractors can count on nVent CADDY premium quality solutions to comply with industry codes and certifications. Our solutions undergo multiple certifications.



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