

Contractors can count on the premium quality and ease of use of nVent CADDY spring steel fasteners—an innovative and complete range of solutions.

nVent CADDY products are manufactured at the brand headquarters in the United States and assembled in Europe. Developing products in our own facilities allows us to control every step of the process, ensuring each part meets our quality standards and adheres to the standards of ISO 9001: 2015. 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. Our worldwide nVent CADDY team listens to contractors and delivers innovative solutions.

**With premium quality and unmatched innovation, nVent CADDY is dedicated to saving time and keeping installations in code since 1956.**

The nVent CADDY spring steel offering is always growing. Check out these new and upcoming additions to our catalog!

**Side-Mount Hammer-On (21 to 28 mm Flange)**

Part No.	Article No.	Description
4H1318	170045	Hammer-on clip, 21-28 mm flange
4H1318CT	178545	Hammer-on cable tie to flange, 21-28 mm
812M1318SM	160145	Hammer-on conduit to flange clip, side mount, 18–30 mm OD, 21–28 mm Flange
4H1318ST3	171775	Cable retainer strap with flange clip, 21-28 mm flange

**Bottom-Mount Hammer-On (21 to 28 mm Flange)**

Part No.	Article No.	Description
EM1318	170075	Hammer-on clip, 21-28 mm flange, M6 thread
EM1318SM	171855	Hammer-on clip, 21-28 mm flange, M6 stud
812EM1318	160075	Hammer-on conduit to flange clip, 18–30 mm OD, 21–28 mm Flange
16EM1318	173745	Hammer-on conduit to flange clip, 30–35 mm OD, 21–28 mm Flange

**NEW**

**NEW**



**CONNECT AND PROTECT**

# nVent CADDY Spring Steel Fasteners

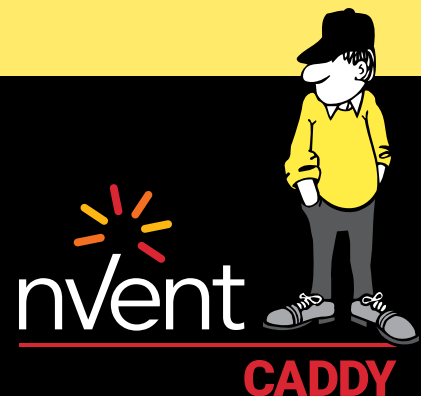
Invention and innovation. Since 1956.

Our powerful portfolio of brands:

**CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER**



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



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# Why Contractors Choose nVent CADDY Spring Steel Fasteners



## DID YOU KNOW?

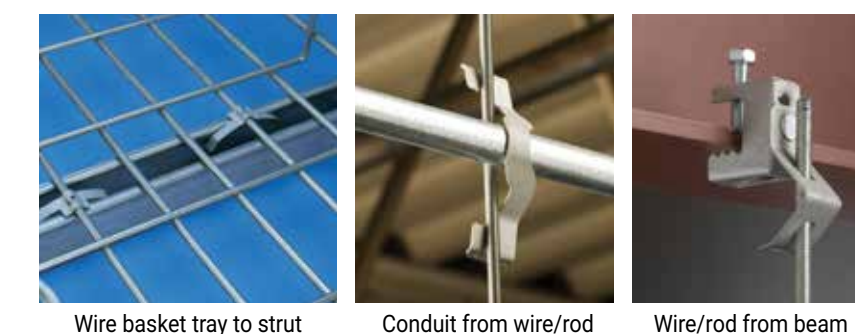
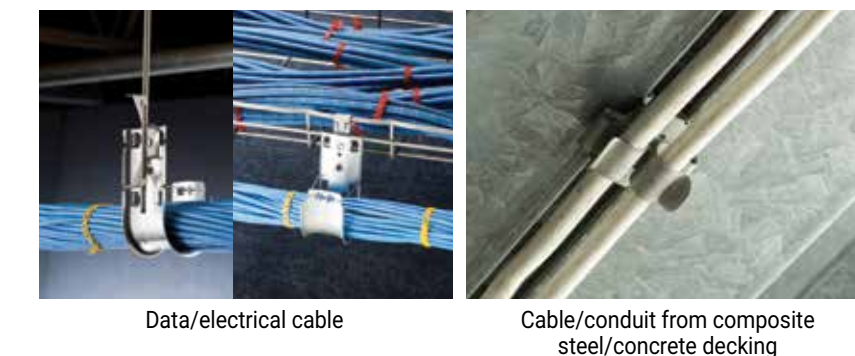
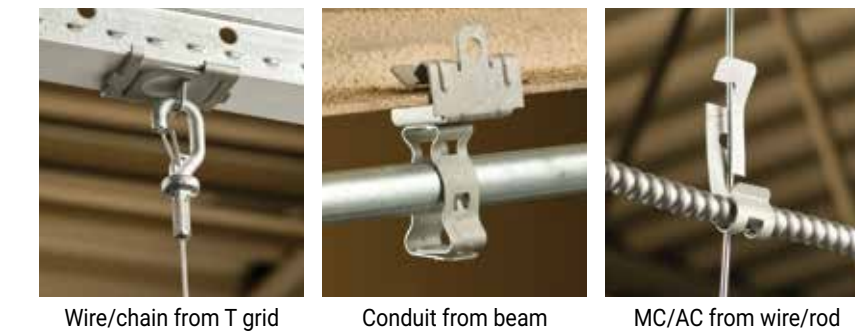
nVent CADDY products were previously created exclusively for indoor use in non-corrosive environments. The addition of stainless steel fasteners allows for more applications, including outdoors and in food-processing sites.

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 workmanship can be accepted. Every detail of an 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.

## 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:

### Spring Steel Applications



Since 1956, nVent CADDY has introduced many industry-leading fixing and fastening innovations that provide time savings and reduced installation costs to end-users:

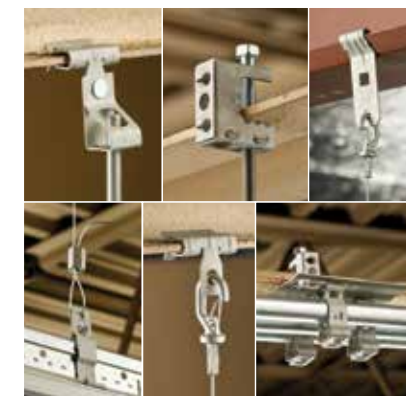
- During the 1960s, nVent CADDY developed Snap Clips, enabling contractors to quickly install electric cables or plastic conduits on steel flanges. Thousands of these clips are installed every day all over the globe, saving installation time and maximizing contractor value.
- nVent CADDY continued to innovate with spring steel, creating the EBC beam clamp for Europe as a lighter alternative to cast iron beam clamps.
- By the end of the 1980s, structural decking had become more common in new buildings. As a result, nVent CADDY engineered the fast, easy, and secure Trapezoidal Deck Hanger (TDH). This one-piece fastener quickly gained popularity in Europe due to its durable and lightweight spring steel construction.

Today, nVent CADDY continues to innovate with spring steel. In addition to new fasteners, other products incorporate spring steel into components to make positioning and installing products easier. This includes the tool-free spring steel retaining clip on the nVent CADDY Telescoping Strut replacement.

## DID YOU KNOW?

In addition to being the first to create spring steel fasteners, nVent CADDY currently offers one of the largest catalogs of spring steel products in the industry. These parts are designed for use in a variety of applications, but their CE Mark, according to EN 13964, confirms compliance with the European Norm for Suspended Ceilings.

## 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 material
- Good material compatibility with typical steel substrates
- Ease of installation

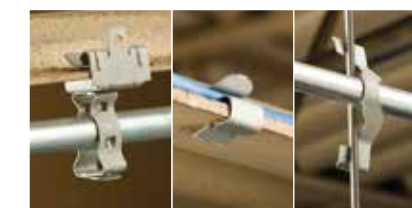
## Durability

nVent CADDY spring steel products have outstanding elasticity and flexibility, allowing for the product to return to its original form after 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 adjustments simple. 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, nVent CADDY 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 of use and improve overall installation.

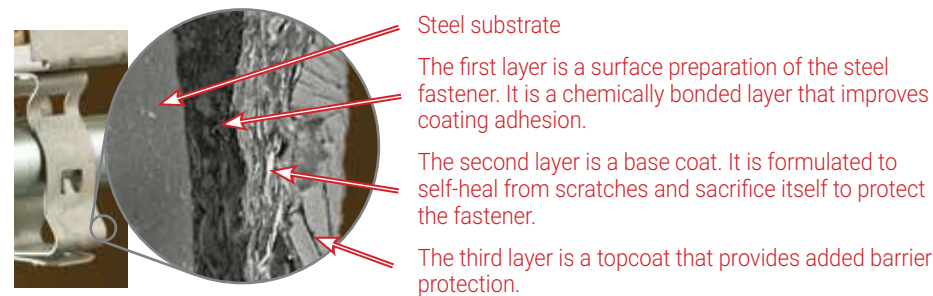
## Premium Quality

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, nVent CADDY spring steel products are all stamped, heat treated and coated with nVent CADDY 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.

## CADDY Armour

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



## Comparative Test Results

To demonstrate the superior corrosion protection, 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 [www.erico.com](http://www.erico.com) 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.

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



Per DIN 4102-12. For more information about fire rated products, please contact technical support.

