



**CONNECT AND PROTECT**

# nVent CADDY Concrete Fastening Solutions

For Electrical, Datacom, Mechanical, Fire and Seismic Applications – Ireland

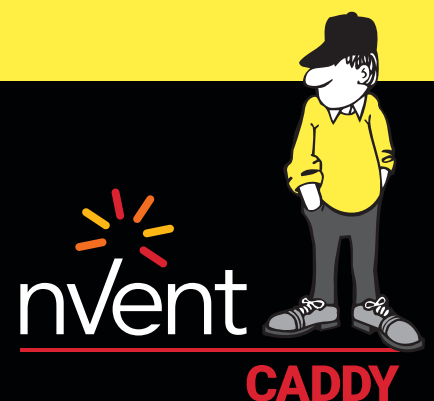


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# Introduction

Around the world, concrete is celebrated for its strength, durability and versatility—qualities reflected in our full offering of fixing, fastening and support products for electrical/datacom, mechanical, and fire and seismic applications in commercial buildings. With innovative, easier-to-install anchors, screws and hangers, our business is making yours more productive and profitable.

Concrete remains popular for its low cost, easy sculptability and time-tested toughness. Likewise, our products are economical, simple to use and trusted for decades. From offices to airports and supermarkets to shopping malls, there is strong demand for concrete structures and for solutions that boost efficiency at the job site.



We are always looking for better ways to lower your total installation costs, reduce the use of tools and elevate safety by incorporating new features into our products. This thinking already extends to over 1,500 solutions for steel structures and now, to an ever-expanding array of concrete fasteners that carry the same high-quality promise. It all adds up to peace-of-mind that your next project will be completed within budget and without delays.





Our product portfolio includes anchors, nail solutions, non-penetrating fasteners for metal decking as well as plastic clips and clamps to meet all your needs. Whether you are seismically bracing a sprinkler system or installing a fire-rated electrical service, we can deliver you a complete bill of materials and the confidence to bid more competitively.

As a global fixing and fastening expert, we are your one source for products designed for safety and saving time. It's in our DNA, and it can be in your toolbox when you choose the nVent CADDY Concrete Fastening Solutions.










# Key Icons

## NVENT CADDY CONCRETE RANGE

-  Anchoring Solutions
-  Nail Solutions
-  Metal Decking Solutions
-  Plastic Solutions




## CERTIFICATIONS & APPROVALS

-  Fire-Rated
-  Suitable for Seismic Application
-  UL Listing
-  European Technical Assessment (ETA) Available
-  FM
-  VdS
-  ITB

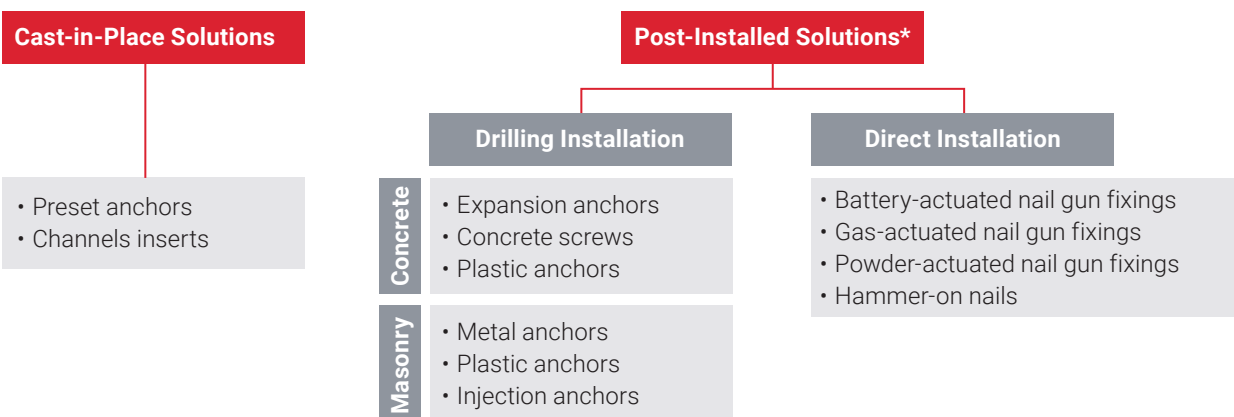
## APPLICATION TYPE

-  Electrical/Datacom
-  Mechanical
-  Fire and Seismic

## OTHER ICONS

-  Tool-Free
-  Noise Reduction
-  Compatible with Nailers

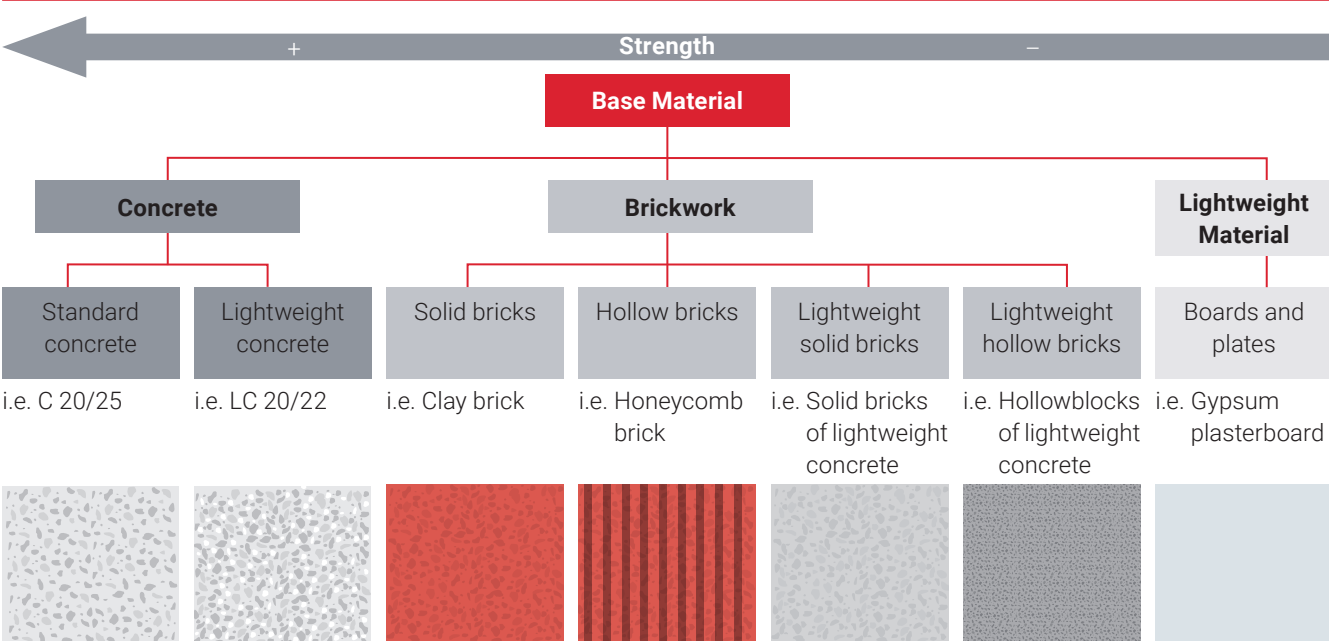
# Understand the Different Installation Methods



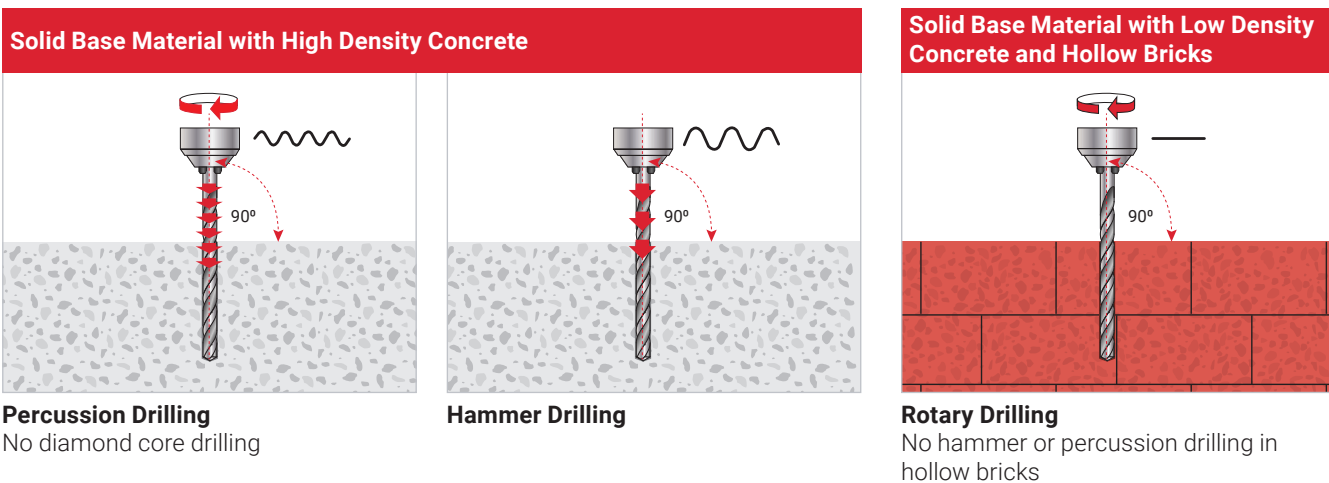
\* This brochure will focus on Post-installed nVent CADDY Concrete Solutions.

# Select the Appropriate Drilling Method Depending on the Base Material

## 1. IDENTIFY YOUR BASE MATERIAL



## 2. SELECT THE MOST APPROPRIATE DRILLING METHOD

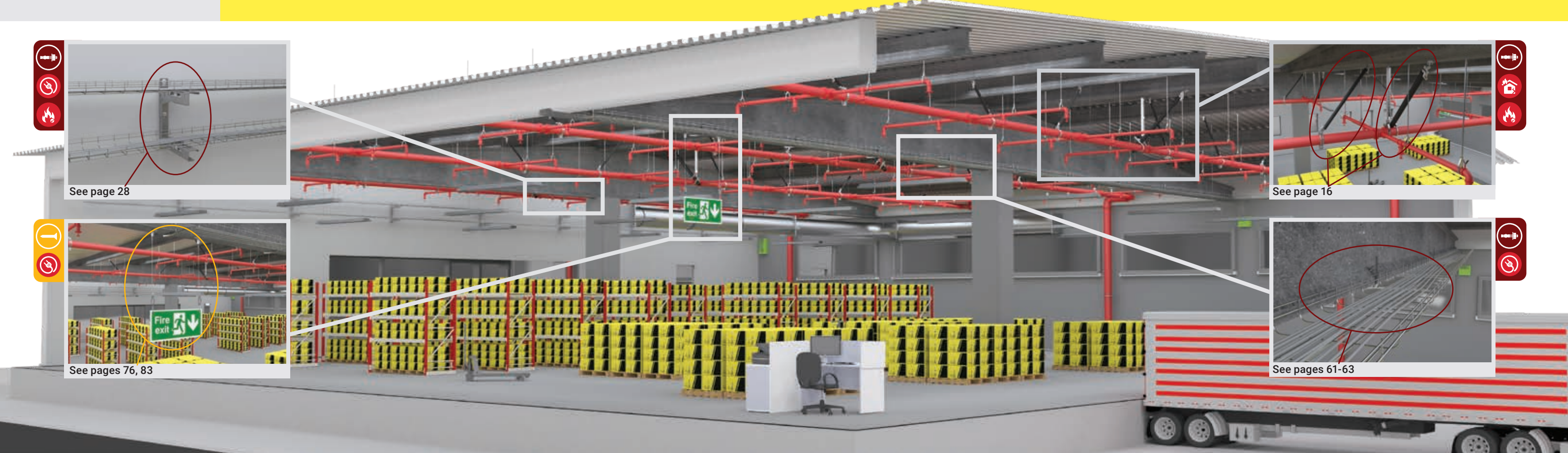




# Concrete: The Single Most Widely Used Construction Material Globally

Nowadays, building owners are increasingly choosing concrete structures for their commercial buildings because it is widely available, durable, recyclable and fire resistant. Our premium fixing and fastening solutions for concrete structures are suitable for a wide variety of contemporary buildings, such as commercial, educational, institutional, assembly, business, mercantile, industrial, storage and residential buildings.

The illustrations show some examples of how the nVent CADDY Concrete Range can be used and combined together with the rest of the nVent CADDY portfolio to create fixing and fastening installations that are safe, easy and quick to install.





# nVent CADDY Concrete Range Overview



























nVent CADDY Anchoring Solutions	nVent CADDY Nail Solutions	nVent CADDY Metal Decking Solutions	nVent CADDY Plastic Solutions
			
<ul style="list-style-type: none"><li>• Metal Anchors</li><li>• Innovative Anchors</li><li>• Plastic Anchors</li><li>• Toggles</li><li>• Non-Drilling/-Penetrating Solutions</li></ul>	<ul style="list-style-type: none"><li>• Powder-Actuated Nail Guns</li><li>• Battery-/Gas-Actuated Nail Guns</li><li>• Hammer-on Concrete Nail with Collar</li></ul>	<ul style="list-style-type: none"><li>• Dovetail Mount Cable Snap Clip Adaptor</li><li>• Multi-Cable to Deck Clip</li><li>• Dovetail Deck Hanger</li><li>• Wedge Nuts</li></ul>	<ul style="list-style-type: none"><li>• Plastic Conduit Clamps and Clips</li><li>• Plastic Cable Clamps and Clips</li><li>• Plastic Accessories</li></ul>
<p>A comprehensive range of drilling solutions covering an extensive variety of electrical, mechanical, fire and seismic applications. From light-duty, fire-rated push-in anchors to heavy-duty, seismic anchors, nVent CADDY offers the right anchoring solution for every project. Besides the traditional anchoring systems, nVent CADDY also offers innovative, non-penetrating solutions, such as the Fixoband Strap System or the UBH Concrete Beam Clamp.</p>	<p>Frequently used by electrical and mechanical contractors in the construction industry for their speed and ease of use, the Nail Solutions quickly attach light- and medium-duty services to concrete structures. Whether installers prefer to use a simple hammer, a battery-/gas- or a powder-actuated nail gun, nVent CADDY has the perfect nail solutions, like the Speed Link SLK with Shot-fire Bracket to support circular air ducts for example. Contractors can use their favorite installation tools combined with the nVent CADDY fasteners and save installation time.</p>	<p>Designed to be installed in the dovetail grooves underneath the metal composite floor deckings without requiring to drill or penetrate them, these tool-free nVent CADDY structural attachments provide a fixing point within seconds for cables or threaded rods. Suitable for light-duty to heavy-duty services, those nVent CADDY solutions are frequently used for electrical and mechanical applications, such as supporting lights, cable trays, pipes or ducts.</p>	<p>Engineered to include fewer parts, less loose hardware and tool-free components, these light-duty, easy-to-use nVent CADDY solutions can be combined together rapidly to adapt to almost any situation and meet the contractors' needs. The plastic clamps and clips system together with the inventive Push-in Insert comprise the proper solution for fastening electrical features, conduits or cables to concrete structures with the push of a thumb and guarantees a reduced installation time by up to 60%.</p>

# nVent CADDY Anchoring Solutions





Overview Table

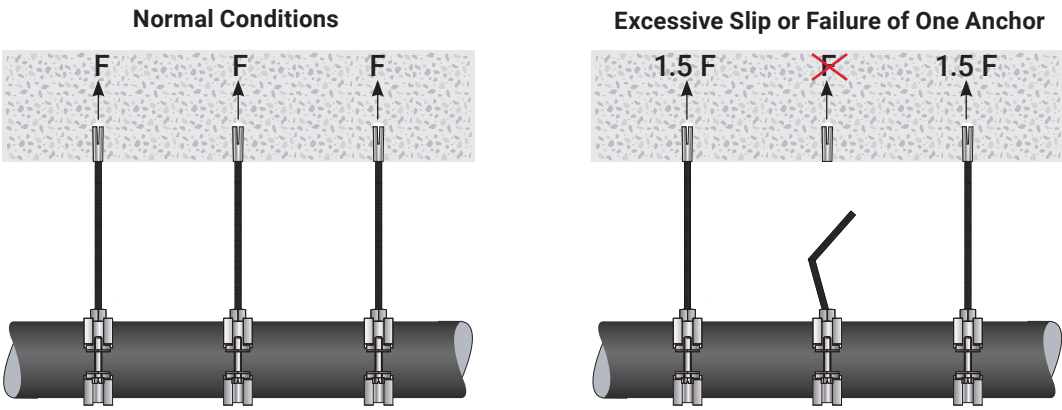
Type of Anchors			Torque-Controlled Expansion Anchors					Push-in Anchor	Concrete Screws			Deformation-Controlled Anchors							Plastic Anchors			
			SZ-B High Load Concrete Anchor	Bolt Expansion Anchor	Bolt Expansion Anchor Stainless Steel	Threaded Nail Anchor	Light Duty Expansion Anchor	Light Duty Push-in Anchor	BSZ-SU Concrete Screw	BSZ-M Concrete Screw	nVent CADDY Rod Lock Concrete Anchor	Drop-in Anchor	Drop-in Anchor Stainless Steel	Flanged Drop-in Anchor	Brass Expansion Anchor	Metal Plug	Cavity Plug	PWM Self-Drilling Drywall Anchor	PWN Self-Drilling Drywall Anchor	NPN Hammer-in Expansion Anchor with Screw	FPN Universal Anchor	
																						
Base Material		Cracked Concrete	✓	✓	✓	✓ <sup>1</sup>	✓ <sup>1</sup>	✓ <sup>1</sup>	✓	✓	✓	✓ <sup>1</sup>	✓ <sup>1</sup>	✓ <sup>1</sup>	✓	✓				✓	✓	
		Non-Cracked Concrete	✓	✓	✓	✓ <sup>1</sup>	✓ <sup>1</sup>	✓ <sup>1</sup>	✓	✓	✓	✓	✓	✓	✓	✓				✓	✓	
		Multiple Use in Concrete				✓	✓	✓	✓	✓		✓	✓	✓								
		Pre-Stressed Contrete Hollow Slabs							✓	✓												
		Hollow Brick															✓				✓ <sup>2</sup>	
		Solid Brick									✓				✓	✓				✓	✓	
		Autoclaved Aerated Concrete														✓		✓		✓	✓ <sup>2</sup>	
		Drywall/Plasterboard															✓	✓	✓			
Certifications & Approvals		Wood									✓									✓ <sup>2</sup>	✓ <sup>2</sup>	
		ETA Available	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓								
		Fire-Rated	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓								
		Suitable for Seismic Application	✓	✓					✓													
		VdS	✓	✓	✓				✓	✓		✓ <sup>3</sup>	✓ <sup>3</sup>	✓ <sup>3</sup>								
	FM		✓ <sup>4</sup>	✓ <sup>4</sup>						✓	✓ <sup>4</sup>	✓ <sup>4</sup>	✓ <sup>4</sup>									
Material & Finish		Electrogalvanized Steel	✓	✓		✓	✓		✓	✓	✓	✓		✓		✓	✓					
		Stainless Steel 316 (EN 1.4401)			✓								✓									
		Stainless Steel 301 (EN 1.4310)						✓														
		Brass													✓							
		Zinc Alloy																✓				
		Nylon																	✓	✓	✓	
		Hollow Drill Bit	✓	✓	✓				✓	✓		✓ <sup>1</sup>	✓ <sup>1</sup>	✓ <sup>1</sup>								
Application Type		Electrical/Datacom	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Mechanical	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓						
		Fire and Seismic	✓	✓					✓													

<sup>1</sup> Only for multiple use for non-structural applications.  
<sup>2</sup> Limited suitability.  
<sup>3</sup> For M8 version or larger.  
<sup>4</sup> For M10 version or larger.  
Always refer to the ETA document before installing anchors.



# Multiple Use Anchors for Non-Structural Applications in Concrete

“By multiple anchor use it is assumed that in the case of excessive slip or failure of one anchor the load can be transmitted to neighboring anchors without significantly violating the requirements on the fixture in the serviceability and ultimate limit state.”  
(ETAG 001 Part 6)



In the example above:  
 $n_1$  is equal to 3  
 $n_2$  is equal to 1  
 $n_3$  is equal to F

The definition of multiple use is mentioned in the table below according to the Member States.  
In the absence of a definition by a Member State, the following default values may be taken, as compared to the definition:  $n_1 \geq 4$ ;  $n_2 \geq 1$  and  $n_3 \leq 3$  kN or  $n_1 \geq 3$ ;  $n_2 \geq 1$  and  $n_3 \leq 2$  kN. The value  $n_3$  might be increased if in the design it is shown that the requirements on the strength and stiffness of the fixture in the serviceability and ultimate states after the failure of one anchor are fulfilled.

The definition of multiple use according to the Member States is given in the following table:

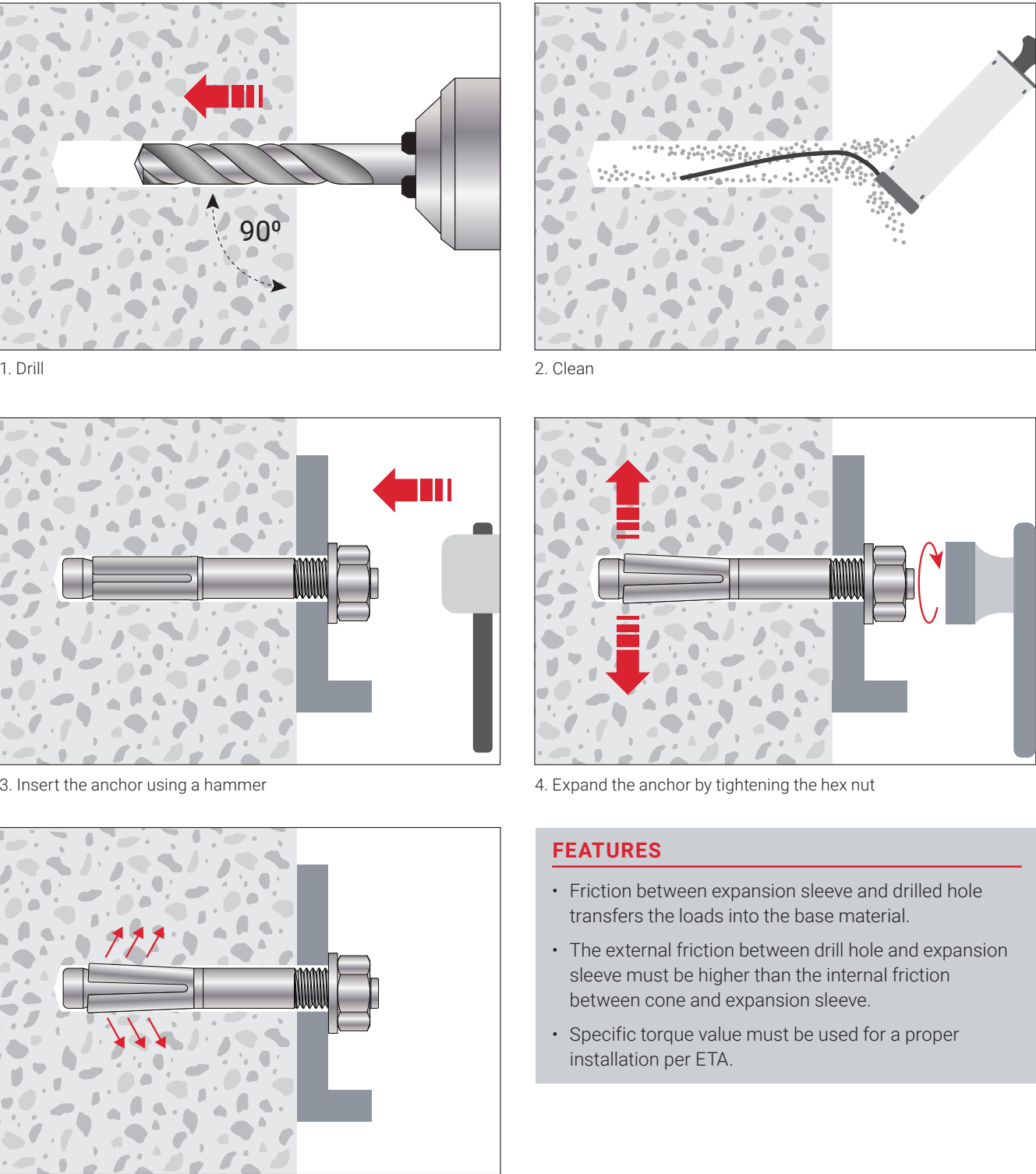
Member States	Definition of Multiple Use
Austria*	
Belgium*	
Denmark <sup>1 2 3</sup>	$n_1 \geq 4$ ; $n_2 \geq 1$ and $n_3 \leq 3$ kN or $n_1 \geq 3$ ; $n_2 \geq 1$ and $n_3 \leq 2$ kN
Finland*	
France <sup>1 2 3</sup>	$n_1 \geq 3$ ; $n_2 \geq 1$ and $n_3 \leq 4.5$ kN
Germany <sup>1 2 3</sup>	$n_1 \geq 4$ ; $n_2 \geq 1$ and $n_3 \leq 3$ kN or $n_1 \geq 3$ ; $n_2 \geq 1$ and $n_3 \leq 2$ kN
Greece*	
Iceland*	
Ireland*	
Italy*	
Luxembourg*	
Norway*	
Portugal <sup>1 2 3</sup>	$n_1 \geq 4$ ; $n_2 \geq 1$ and $n_3 \leq 3$ kN or $n_1 \geq 3$ ; $n_2 \geq 1$ and $n_3 \leq 2$ kN
Spain*	
Sweden <sup>1 2 3</sup>	$n_1 \geq 4$ ; $n_2 \geq 1$ and $n_3 \leq 3$ kN or if the correlation between bearing capacity of anchors is zero or near zero and the coefficient of variation of the anchor bearing capacity $\geq 0.25$
The Netherlands*	
United Kingdom <sup>1 2 3</sup>	$n_1 \geq 4$ ; $n_2 \geq 1$ and $n_3 \leq 3$ kN or $n_1 \geq 3$ ; $n_2 \geq 1$ and $n_3 \leq 2$ kN

\* No specific definition of multiple use by the Member State, use default values.  
<sup>1</sup>  $n_1$  is the number of fixing points.  
<sup>2</sup>  $n_2$  is the number of anchors per fixing point.  
<sup>3</sup>  $n_3$  is the maximum load per fixing point.

# Metal Anchors

## INSTALLATION INSTRUCTIONS

### TORQUE-CONTROLLED EXPANSION





Metal Anchors

SZ-B HIGH LOAD CONCRETE ANCHOR



- FEATURES**
- Fire resistance class R30-R120 for design of anchorages under exposure to fire
  - ETA approved for anchoring in cracked and non-cracked concrete
  - Approved for use in seismic design categories C1 and C2

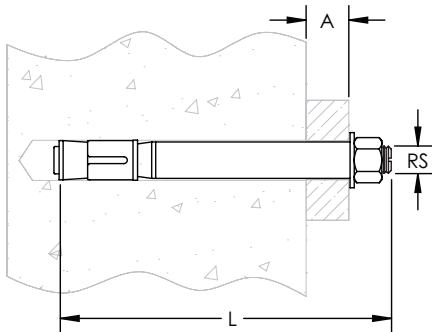
Material: Steel  
Finish: Electrogalvanized



Part Number	Article Number	Drill Bit Diameter	Length L	Embedment Depth	A	Rod Size RS	Torque TQ	Certifications
SZB12010EG	402655	12 mm	90 mm	70 mm	10 mm	M8	30 N-m	ETA, VdS
SZB12030EG	402660	12 mm	110 mm	70 mm	30 mm	M8	30 N-m	ETA, VdS
SZB15015EG	402665	15 mm	111 mm	85 mm	15 mm	M10	50 N-m	ETA, VdS
SZB18010EG	402670	18 mm	122 mm	95 mm	10 mm	M12	80 N-m	ETA, VdS
SZB18020EG	402675	18 mm	132 mm	95 mm	20 mm	M12	80 N-m	ETA, VdS

Extract from Permissible Service Conditions of ETA-02/0030			
Approved loads for single anchor without influence of spacing and edge distance			
Part Number	Cracked Concrete C20/25	Non-Cracked Concrete C20/25	Standard Embedment Depth
SZB12010EG	2.4 kN	7.6 kN	60 mm
SZB12030EG	5.7 kN	9.5 kN	70 mm
SZB15015EG	7.6 kN	14.3 kN	85 mm
SZB18010EG	11.9 kN	17.1 kN	95 mm
SZB18020EG	11.9 kN	17.1 kN	95 mm

Total safety factor as per ETAG 001 included ( $\gamma_m$  and  $\gamma_r$ )



Metal Anchors

BOLT EXPANSION ANCHOR



- FEATURES**
- Heavy duty wedge anchor
  - For cracked and non-cracked concrete
  - Fire resistance class R30-R120 for design of anchorages under exposure to fire

Material: Steel  
Finish: Electrogalvanized



Part Number	Article Number	Rod Size RS	Length L	A	Certifications
SABM8010	400408	M8	75 mm	10 mm	ETA, VdS
SABM8050	400409	M8	115 mm	50 mm	ETA, VdS
SABM10010	400410	M10	90 mm	10 mm	ETA, FM, VdS
SABM10050	400411	M10	130 mm	50 mm	ETA, FM, VdS
SABM12015	402170	M12	110 mm	15 mm	ETA, FM, VdS
SABM12050	401158	M12	145 mm	50 mm	ETA, FM, VdS
SABM16025	402171	M16	145 mm	25 mm	ETA, FM, VdS
SABM20030	402446	M20	167 mm	30 mm	ETA, VdS

Material: Stainless Steel 316 (EN 1.4401)

Part Number	Article Number	Rod Size RS	Length L	A	Certifications
SABM8010S6	401150	M8	75 mm	10 mm	ETA, VdS
SABM8050S6	401151	M8	115 mm	50 mm	ETA, VdS
SABM10010S6	401152	M10	90 mm	10 mm	ETA, FM, VdS
SABM10050S6	401153	M10	130 mm	50 mm	ETA, FM, VdS

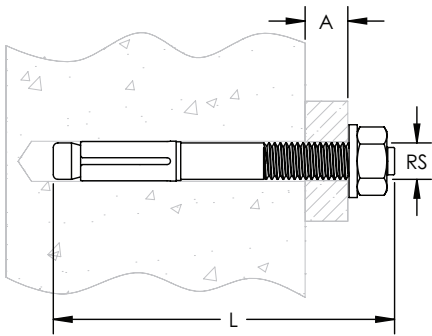


Metal Anchors



Extract from Permissible Service Conditions of ETA-99/0010			
Approved loads for single anchor without influence of spacing and edge distance			
Part Number	Cracked Concrete C20/25	Non-Cracked Concrete C20/25	Standard Embedment Depth
SABM8010	2.4 kN	5.7 kN	46 mm
SABM8050	2.4 kN	5.7 kN	46 mm
SABM10010	4.3 kN	7.6 kN	60 mm
SABM10050	4.3 kN	7.6 kN	60 mm
SABM12015	7.6 kN	11.9 kN	70 mm
SABM12050	7.6 kN	11.9 kN	70 mm
SABM16025	11.9 kN	16.7 kN	85 mm
SABM8010S6	2.4 kN	5.7 kN	46 mm
SABM10010S6	4.3 kN	7.6 kN	60 mm

Total safety factor as per ETAG 001 included ( $Y_m$  and  $Y_f$ )



TIP

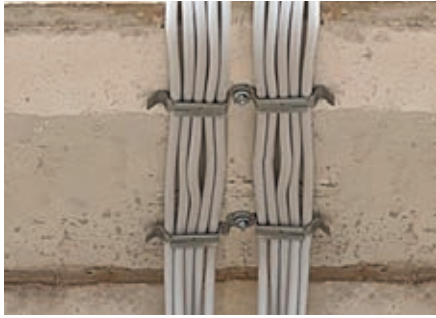
For outdoor applications, Stainless Steel Anchors must be used per European guidelines



Metal Anchors



THREADED NAIL ANCHOR



FEATURES

- ETA approved for anchoring in cracked and non-cracked concrete
- Fire resistance class R30-R120 for design of anchorages under exposure to fire

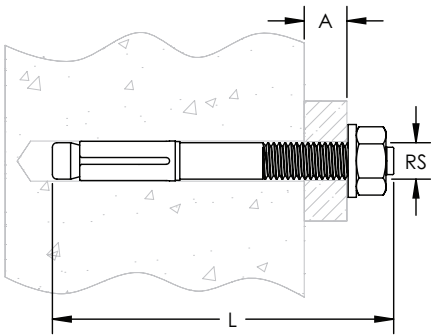
Material: Steel  
Finish: Electrogalvanized



Part Number	Article Number	Rod Size RS	Length L	Embedment Depth	A	Drill Bit Diameter
N6T5X10L49	402601	M6	49 mm	35 mm	5 mm	6 mm

Extract from Permissible Service Conditions of ETA-11/0240			
Multiple use for non-structural applications			
Part Number	Cracked Concrete C20/25	Non-Cracked Concrete C20/25	Standard Embedment Depth
N6T5X10L49	0.6 kN	0.6 kN	30 mm

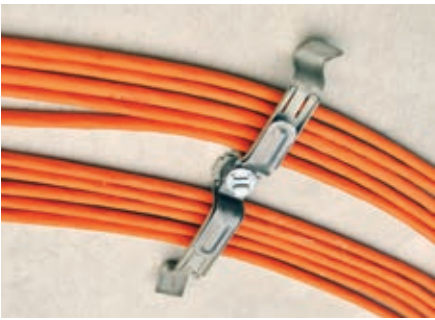
The maximum load per fixing point for multiple use for non-structural applications may, depending on national regulations, be below the approved load of the anchor. The approved loads per fixing point are regulated for their respective countries in the ETAG 001, Part 6. Total safety factor as per ETAG 001 included ( $Y_m$  and  $Y_f$ )





Metal Anchors

LIGHT DUTY EXPANSION ANCHOR



- FEATURES**
- Ideal for use with fire rated clips and clamps
  - Fire resistance class R30-R120 for design of anchorages under exposure to fire
  - ETA approved for anchoring in cracked and non-cracked concrete

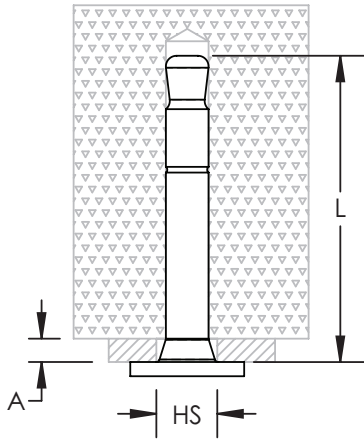
Material: Steel  
Finish: Electrogalvanized



Part Number	Article Number	Length L	Drill Hole Depth	A	Drill Bit Diameter Ø	Hole Size HS
SCMND	800071	45 mm	45 mm	5 mm Max	6 mm	7.2 mm

Drill Hole Depth represents the maximum depth and should be adjusted based on the thickness of product being fixed.

Extract from Permissible Service Conditions of ETA-09/0313			
Multiple use for non-structural applications			
Part Number	Cracked Concrete C20/25	Non-Cracked Concrete C20/25	Standard Embedment Depth
SCMND	1.4 kN	1.4 kN	45 mm



**TIP**  
For outdoor applications, Stainless Steel Anchors must be used per European guidelines



Metal Anchors

LIGHT DUTY PUSH-IN ANCHOR



- FEATURES**
- Ideal for use with fire rated clips and clamps
  - Tool-free push-in installation after hole has been drilled into the concrete
  - Fire resistance class R30-R120 for design of anchorages under exposure to fire
  - ETA approved for anchoring in cracked and non-cracked concrete

Material: Stainless Steel 301 (EN 1.4310)

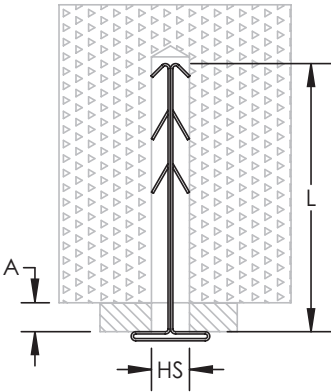


Part Number	Article Number	Length L	Drill Hole Depth	Hole Size HS	A
SCMDSN	800070	36 mm	36 mm	6 mm	10 mm Max

Drill Hole Depth represents the maximum depth and should be adjusted based on the thickness of product being fixed.

Extract from Permissible Service Conditions of ETA-16/0673			
Multiple use for non-structural applications			
Part Number	Cracked Concrete C20/25	Non-Cracked Concrete C20/25	Standard Embedment Depth
SCMDSN	0.032 kN	0.032 kN	35 mm

Drill Hole Depth represents the maximum depth and should be adjusted based on the thickness of product being fixed.  
The maximum load per fixing point for multiple use for non-structural applications may, depending on national regulations, be below the approved load of the anchor. The approved loads per fixing point are regulated for their respective countries in the ETAG 001, Part 6.  
Total safety factor as per ETAG 001 included ( $Y_m$  and  $Y_p$ )





Metal Anchors

FEATURED PRODUCTS



CE  
Threaded Nail Anchor



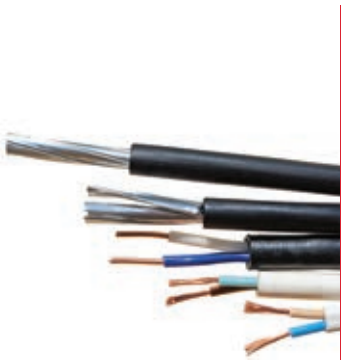
CE  
Light Duty Expansion Anchor



CE  
Light Duty Push-in Anchor

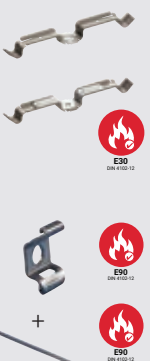


Works great with



Cable Solutions

- Metal Pressure Clip
- Metal Pressure Clip Fire-rated (E30)
- Cable Tie Fastener + Cable Tie, Stainless Steel Fire-rated (E90)



For a cable support easy to install in a 6 mm hole in concrete



Conduit Solutions

- Snap Close Conduit/ Pipe Clamp
- Push-in Conduit Clamp
- Wall Mount Conduit Clip
- Bolt Close Conduit/ Pipe Clamp



For an easy conduit installation in a 6 mm hole in concrete



Metal Anchors

FEATURED PRODUCTS

METAL PRESSURE CLIP



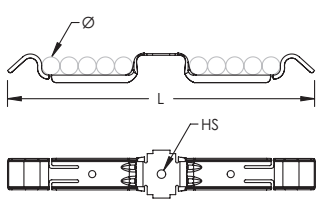
FEATURES

- Ideal for smaller runs of cable
- Flexible clip retains shape and allows for cables to be inserted after installation
- Rounded edges help prevent cable damage
- Cables are neatly installed providing a consistent and professional appearance
- Low-profile allows for installations in tight spaces

Material: Spring Steel  
Finish: nVent CADDY Armour

Part Number	Article Number	Cable Capacity	Diameter Ø	Hole Size HS	Length L
PKM10H3	182044	10	10 mm Max	4.8 mm	171.5 mm
PKM10H6	182045	10	10 mm Max	7.1 mm	171.5 mm
PKM16H3	182046	16	10 mm Max	4.8 mm	233.5 mm
PKM16H6	182047	16	10 mm Max	7.1 mm	233.5 mm

Supports cable diameters up to 1/2" (13 mm) when installed with a standard 1/4" (6 mm) washer.



METAL PRESSURE CLIP, FIRE-RATED



FEATURES

- Includes insert for E30 fire rating according to DIN 4102-12
- Ideal for smaller runs of cable
- Flexible clip retains shape and allows for cables to be inserted after installation
- Rounded edges help prevent cable damage
- Cables are neatly installed providing a consistent and professional appearance
- Low-profile allows for installations in tight spaces

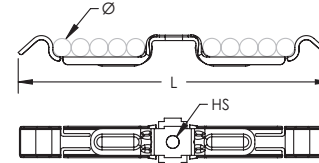
Material: Spring Steel  
Finish: nVent CADDY Armour

Part Number	Article Number	Hole Size HS	Length L
PKM10H6IN	182048	7.2 mm	171.5 mm
PKM16H6IN	182049	7.2 mm	233.5 mm

E30 Fire Rating Power Cable Capacity				
Eucasafe (N)HXCH FE 180 E30				
Part Number	Number of Cores	Core Cross Section	Cable Diameter	Number of Cables
PKM10H6IN	4	1.5 mm <sup>2</sup>	12.5 mm	8 Max
	3	1.5 mm <sup>2</sup>	11.8 mm	8 Max
	2	1.5 mm <sup>2</sup>	11.4 mm	8 Max
PKM16H6IN	4	1.5 mm <sup>2</sup>	12.5 mm	12 Max
	3	1.5 mm <sup>2</sup>	11.8 mm	12 Max
	2	1.5 mm <sup>2</sup>	11.4 mm	14 Max

E30 Fire Rating Data Cable Capacity				
Eucasafe JE-H(St) Bd FE 180 E30				
Part Number	Number of Wire Pairs	Wire Diameter	Cable Diameter	Number of Cables
PKM10H6IN	2	0.8 mm	6.6 mm	14 Max
	4	0.8 mm	8.8 mm	10 Max
PKM16H6IN	2	0.8 mm	6.6 mm	24 Max
	4	0.8 mm	8.8 mm	18 Max

Fire rating test conducted with cable types listed. Equivalent halogen free safety cable can be used according to national guidelines.





Metal Anchors

FEATURED PRODUCTS

CABLE TIE FASTENER



Material: Spring Steel  
Finish: nVent CADDY Armour

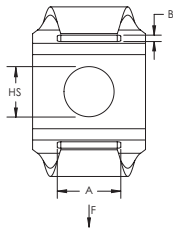
Part Number	Article Number	Hole Size HS	A	B	Static Load F
CT	170450	8 mm	9 mm	2 mm	40 N

FEATURES

- Can be attached to various nVent CADDY fasteners or screwed directly to a wall

Material: Stainless Steel 301 (EN 1.4310)

Part Number	Article Number	Hole Size HS	A	B	Static Load F
CTS1	171600	8 mm	9 mm	2 mm	40 N



CABLE TIE, STAINLESS STEEL

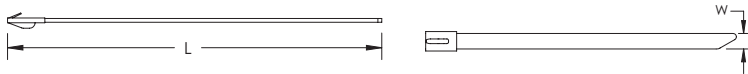


Material: Stainless Steel 316 (EN 1.4401)

Part Number	Article Number	Length L	Width W
MLT2HS6	188100	200 mm	7.9 mm

FEATURES

- Secures low voltage cables



Metal Anchors

FEATURED PRODUCTS

SNAP CLOSE CONDUIT/PIPE CLAMP



FEATURES

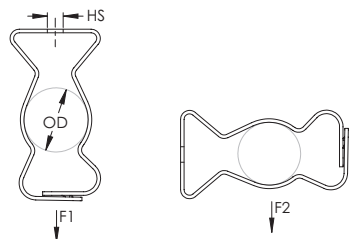
- May be used for either vertical or horizontal installations
- Eliminates need for offset bending conduit
- Finger closure, no tools required

Material: Spring Steel  
Finish: nVent CADDY Armour

Part Number	Article Number	Outer Diameter OD	Hole Size HS	Hole Type	Static Load 1 F1	Static Load 2 F2	Certifications
6M	170790	14 – 18 mm	7 mm	Plain	440 N	110 N	cULus
812M	177130	18 – 30 mm	7 mm	Plain	440 N	110 N	cULus
16M	170100	30 – 35 mm	7 mm	Plain	440 N	110 N	cULus
20M	170110	35 – 42 mm	7 mm	Plain	440 N	110 N	cULus
24M	170120	42 – 50 mm	7 mm	Plain	440 N	110 N	cULus
32M	170130	50 – 60 mm	7 mm	Plain	440 N	110 N	cULus

Material: Stainless Steel 301 (EN 1.4310)

Part Number	Article Number	Outer Diameter OD	Hole Size HS	Hole Type	Static Load 1 F1	Static Load 2 F2	Certifications
8MS1	179900	18 – 22 mm	7 mm	Plain	440 N	110 N	–
12MS1	179910	22 – 30 mm	7 mm	Plain	440 N	110 N	–



PUSH-IN CONDUIT CLAMP

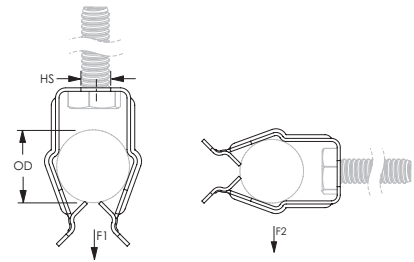


FEATURES

- Push-in installation of conduit
- Eliminates need for offset bending conduit
- May be used for either vertical or horizontal installations

Material: Spring Steel  
Finish: nVent CADDY Armour

Part Number	Article Number	Outer Diameter OD	Hole Size HS	Hole Type	Ultimate Static Load 1 F1	Ultimate Static Load 2 F2
8P	171130	18 – 22 mm	7 mm	Plain	110 N	65 N
12P	171150	22 – 30 mm	7 mm	Plain	110 N	65 N
16P	171170	30 – 35 mm	7 mm	Plain	110 N	65 N





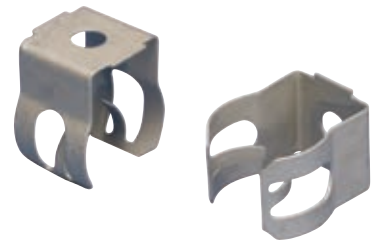
Metal Anchors



nVent CADDY Anchoring Solutions



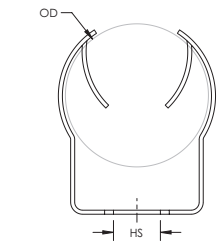
WALL MOUNT CONDUIT CLIP



- FEATURES**
- Quickly attaches pipe, conduit, MC/ AC and tube to wall surfaces
  - Push-in installation of conduit
  - Eliminates need for offset bending conduit
  - Low-profile design minimizes snag potential
  - Secure with powder-actuated tools, self-tapping concrete anchors or screw guns

Material: Spring Steel  
Finish: nVent CADDY Armour

Part Number	Article Number	Outer Diameter OD	Hole Size HS
WC812	160890	18 – 30 mm	7 mm



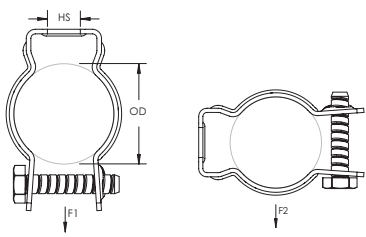
BOLT CLOSE CONDUIT/PIPE CLAMP



- FEATURES**
- Retained bolt and built-in nut means there are less parts to handle or drop
  - Combo head bolt works with slotted, hex, #3 phillips or #2 robertson drivers

Material: Steel  
Finish: Electrogalvanized  
Nut Type: Built-in Nut

Part Number	Article Number	Outer Diameter OD	Hole Size HS	Static Load 1 F1	Static Load 2 F2	Certifications	Standard Packaging Quantity
CD1B	181190	19 – 25 mm	6.4 mm	880 N	220 N	cULus, ITB	100 pc
CD3B	181380	36 – 43 mm	6.4 mm	880 N	220 N	cULus, ITB	100 pc
CD4B	181390	45 – 48 mm	9.5 mm	880 N	220 N	cULus, ITB	50 pc
CD5B	181470	49 – 73 mm	7.9 mm	880 N	220 N	cULus, ITB	50 pc



Metal Anchors

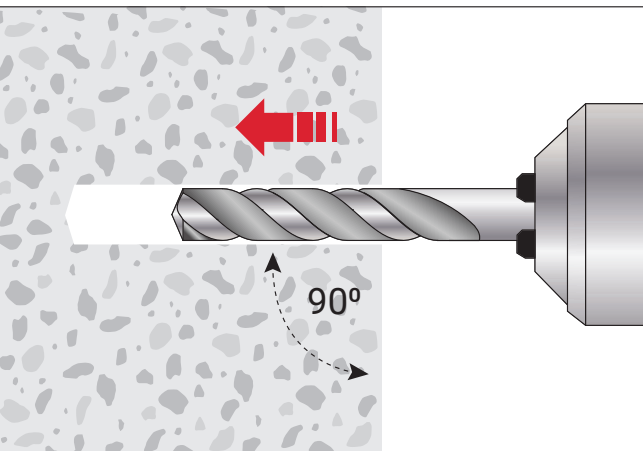


nVent CADDY Anchoring Solutions

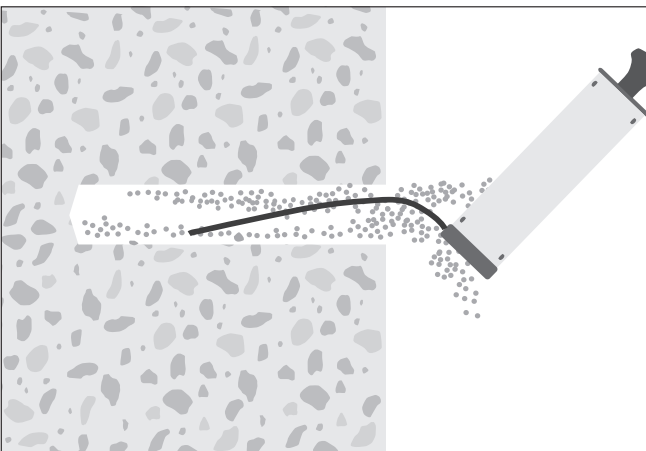


INSTALLATION INSTRUCTIONS

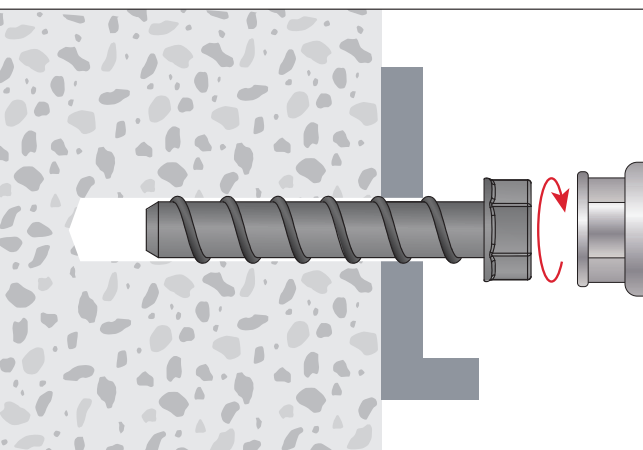
CONCRETE SCREWS



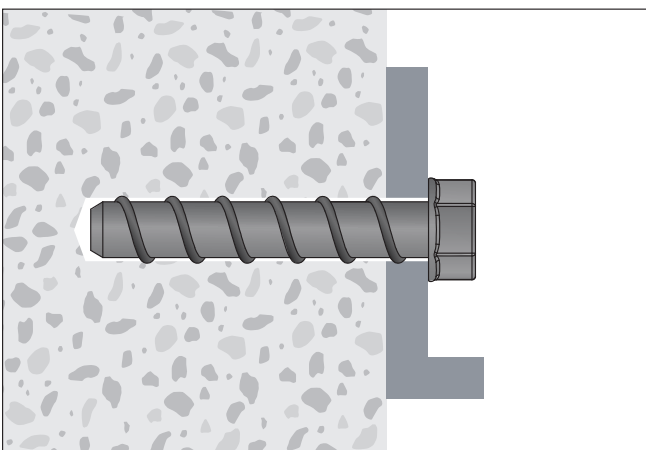
1. Drill



2. Clean



3. Insert the screw with an impact wrench or a regular wrench



FEATURES

- Can be quickly installed with an impact wrench.
- Can be removed.
- Can be adjusted up to 2 times but not reused (sizes M8 and bigger).



Metal Anchors

BSZ-SU CONCRETE SCREW



FEATURES

- Fire resistance class R30-R120 for design of anchorages under exposure to fire
- ETA approved for anchoring in cracked and non-cracked concrete
- Approved for use in seismic design category C1 (for Drill Bit Diameters 8 mm and greater)
- Removable anchor is ideal for temporary fixings

Material: Steel  
Finish: Electrogalvanized

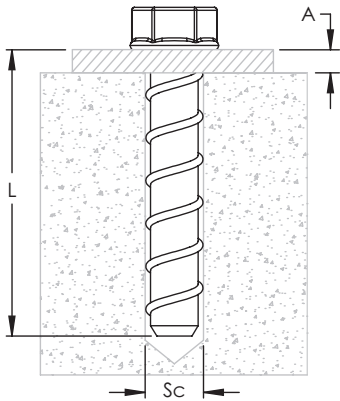


Part Number	Article Number	Drill Bit Diameter	Screw Length L	Embedment Depth	A	Screw Diameter Sc	Torque TQ	Certifications
BSZSU06040ZL	402605	6 mm	40 mm	35 mm	5 mm	7.5 mm	10 N-m	CE, VdS
BSZSU06050ZL	402606	6 mm	50 mm	40 mm	10 mm	7.5 mm	10 N-m	CE, VdS
BSZSU08070ZL	402610	8 mm	70 mm	65 mm	5 mm	10.6 mm	20 N-m	CE, VdS
BSZSU10100ZL	402615	10 mm	100 mm	85 mm	15 mm	12.6 mm	40 N-m	CE, VdS
BSZSU10120ZL	402620	10 mm	120 mm	85 mm	35 mm	12.6 mm	40 N-m	CE, VdS
BSZSU12110ZL	402625	12 mm	110 mm	100 mm	10 mm	14.6 mm	60 N-m	CE, VdS

Extract from Permissible Service Conditions of ETA-16/0204			
Approved loads for single anchor without influence of spacing and edge distance			
Part Number	Cracked Concrete C20/25	Non-Cracked Concrete C20/25	Standard Embedment Depth
BSZSU06050ZL	1.0 kN	1.9 kN	40 mm
BSZSU08070ZL	5.7 kN	7.6 kN	65 mm
BSZSU10100ZL	9.6 kN	11.9 kN	85 mm
BSZSU10120ZL	9.6 kN	11.9 kN	85 mm
BSZSU12110ZL	12.3 kN	17.2 kN	100 mm

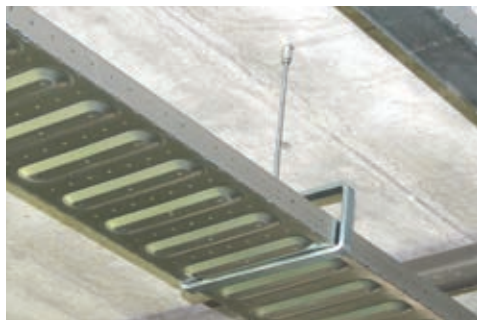
Extract from Permissible Service Conditions of ETA-16/0439			
Multiple use for non-structural applications			
Part Number	Cracked Concrete C20/25	Non-Cracked Concrete C20/25	Standard Embedment Depth
BSZSU06040ZL	0.6 kN	0.6 kN	35 mm
BSZSU06050ZL	0.6 kN	0.6 kN	35 mm

The maximum load per fixing point for multiple use for non-structural applications may, depending on national regulations, be below the approved load of the anchor. The approved loads per fixing point are regulated for their respective countries in the ETAG 001, Part 6. Total safety factor as per ETAG 001 included ( $Y_m$  and  $Y_f$ )



Metal Anchors

BSZ-M CONCRETE SCREW



FEATURES

- Fire resistance class R30-R120 for design of anchorages under exposure to fire
- ETA approved for anchoring in cracked and non-cracked concrete
- Use in concrete with threaded rod

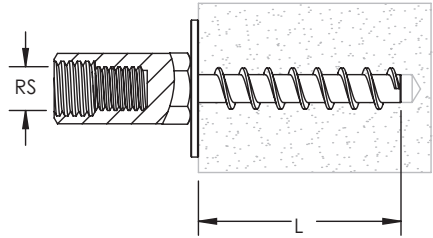
Material: Steel  
Finish: Electrogalvanized



Part Number	Article Number	Screw Length L	Rod Size RS	Drill Bit Diameter	Embedment Depth	Torque TQ	Certifications
BSZM6X35EG	402690	35 mm	M8, M10	6 mm	35 mm	10 N-m	CE, VdS

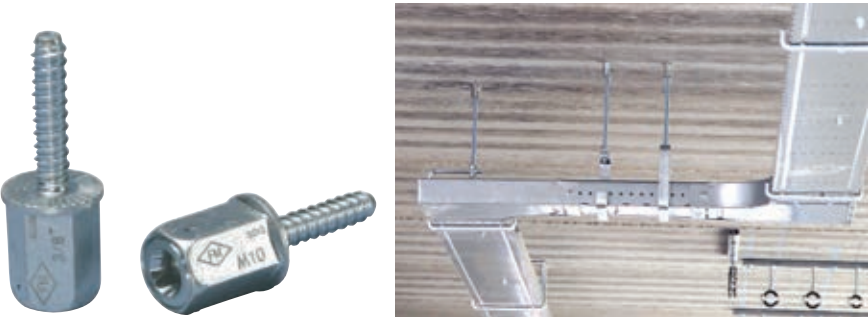
Extract from Permissible Service Conditions of ETA-16/0439			
Multiple use for non-structural applications			
Part Number	Cracked Concrete C20/25	Non-Cracked Concrete C20/25	Standard Embedment Depth
BSZM6X35EG	0.6 kN	0.6 kN	35 mm

The maximum load per fixing point for multiple use for non-structural applications may, depending on national regulations, be below the approved load of the anchor. The approved loads per fixing point are regulated for their respective countries in the ETAG 001, Part 6. Total safety factor as per ETAG 001 included ( $Y_m$  and  $Y_f$ )



Metal Anchors

ROD LOCK ANCHOR SCREW



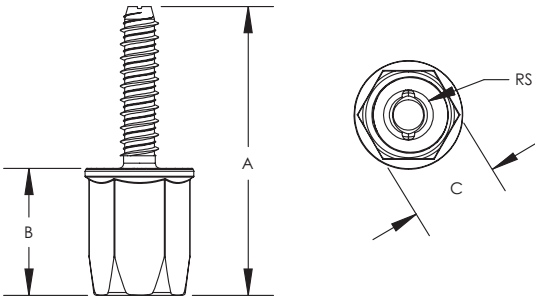
- FEATURES**
- For use with concrete and solid brick
  - Prefabricated assemblies easily lift and lock into place, helping to save time and money
  - Works with slightly damaged threads and minor burrs on the threaded rod

Material: Steel  
Finish: Electrogalvanized



Part Number	Article Number	Rod Size RS	A	B	C	Drill Bit Diameter	Drill Hole Depth	Static Load F	Certifications	Standard Packaging Quantity
CRLAM8EG	390009	M8	72 mm	32 mm	22 mm	8 mm	50 mm	2,900 N	ITB	25 pc
CRLAM10EG	390010	M10	72 mm	32 mm	22 mm	8 mm	50 mm	2,900 N	FM, ITB	25 pc

Tested in 3000 psi (20.67 MPa) concrete.



ROD LOCK ANCHOR SCREW DRIVE SOCKET



- FEATURES**
- Drive socket for quick installation of nVent CADDY Rod Lock Anchor Screw

Material: Steel

Part Number	Socket Width
CRLAKITA	22 mm

Metal Anchors

INSTALLATION INSTRUCTIONS

DEFORMATION-CONTROLLED EXPANSION ANCHOR

1. Drill

2. Clean

3. Insert the anchor using a hammer

4. Expand the anchor using the installation tool and a hammer

5. Finish the installation by installing a bolt or a threaded rod in the anchor

- FEATURES**
- Friction between expansion sleeve and drilled hole transfers the loads into the base material.
  - Installation tool must be used for a proper installation per ETA.



Metal Anchors

DROP-IN ANCHOR



- FEATURES**
- Internal thread provides easy removal and serviceability
  - Installs flush or below the base surface
  - Fire resistance class R30-R120 for design of anchorages under exposure to fire
  - Use setting tool TCA/LA to drive expansion cone to set the anchor

Material: Steel  
Finish: Electrogalvanized



Part Number	Article Number	Hole Size HS	Length L	Diameter Ø	Certifications
CAM6030	593180	M6	30 mm	8 mm	CE
CAM8030	593190	M8	30 mm	10 mm	CE, VdS
CAM8040	593195	M8	40 mm	10 mm	CE, VdS
CAM10040	593200	M10	40 mm	12 mm	CE, FM, VdS
CAM12050	400415	M12	50 mm	15 mm	CE, FM, VdS
CAM16065	400416	M16	65 mm	20 mm	CE, FM, VdS

Material: Stainless Steel 316 (EN 1.4401)

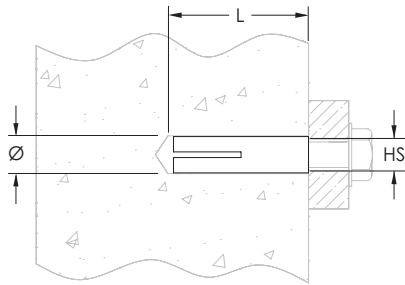
Part Number	Article Number	Hole Size HS	Length L	Diameter Ø	Certifications
CAM8030S6	401154	M8	30 mm	10 mm	CE, VdS
CAM10040S6	401155	M10	40 mm	12 mm	CE, FM, VdS

Extract from Permissible Service Conditions of ETA-02/0020			
Approved loads for single anchor without influence of spacing and edge distance			
Part Number	Cracked Concrete C20/25	Non-Cracked Concrete C20/25	Standard Embedment Depth
CAM6030	-	3.3 kN	30 mm
CAM8030	-	3.3 kN	30 mm
CAM8040	-	3.6 kN	40 mm
CAM10040	-	5.1 kN	40 mm
CAM12050	-	7.1 kN	50 mm
CAM16065	-	10.5 kN	65 mm
CAM8030S6	-	3.9 kN	30 mm
CAM10040S6	-	6.1 kN	40 mm

Metal Anchors

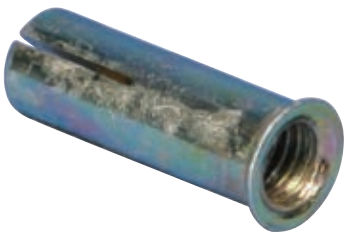
Extract from Permissible Service Conditions of ETA-05/0116			
Multiple use for non-structural applications			
Part Number	Cracked Concrete C20/25	Non-Cracked Concrete C20/25	Standard Embedment Depth
CAM6030	1.2 kN	1.2 kN	30 mm
CAM8030	1.7 kN	1.7 kN	30 mm
CAM8040	2.0 kN	2.0 kN	40 mm
CAM10040	2.0 kN	2.0 kN	40 mm
CAM12050	2.4 kN	2.4 kN	50 mm
CAM16065	6.3 kN	6.3 kN	65 mm
CAM8030S6	1.7 kN	1.7 kN	30 mm
CAM10040S6	2.0 kN	2.0 kN	40 mm

The maximum load per fixing point for multiple use for non-structural applications may, depending on national regulations, be below the approved load of the anchor. The approved loads per fixing point are regulated for their respective countries in the ETAG 001, Part 6.  
Total safety factor as per ETAG 001 included ( $Y_m$  and  $Y_f$ )



Metal Anchors

FLANGED DROP-IN ANCHOR



- FEATURES**
- Internal thread provides easy removal and serviceability
  - Installs flush for standard embedment
  - Fire resistance class R30-R120 for design of anchorages under exposure to fire
  - Use setting tool TCA/LA to drive expansion cone to set the anchor

Material: Steel  
Finish: Electrogalvanized

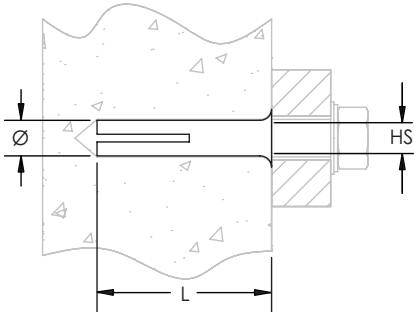


Part Number	Article Number	Hole Size HS	Length L	Diameter Ø	Certifications
LAM625	589890	M6	25 mm	8 mm	CE
LAM830	574410	M8	30 mm	10 mm	CE, VdS
LAM1040	574420	M10	40 mm	12 mm	CE, FM, VdS
LAM1250	574430	M12	50 mm	15 mm	CE, FM, VdS

Extract from Permissible Service Conditions of ETA-02/0020			
Approved loads for single anchor without influence of spacing and edge distance			
Part Number	Cracked Concrete C20/25	Non-Cracked Concrete C20/25	Standard Embedment Depth
LAM830	-	3.3 kN	30 mm
LAM1040	-	5.1 kN	40 mm
LAM1250	-	7.1 kN	50 mm

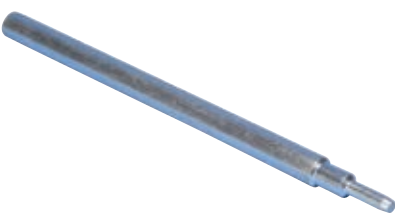
Extract from Permissible Service Conditions of ETA-05/0116			
Multiple use for non-structural applications			
Part Number	Cracked Concrete C20/25	Non-Cracked Concrete C20/25	Standard Embedment Depth
LAM625	1.7 kN	1.7 kN	25 mm
LAM830	1.7 kN	1.7 kN	30 mm
LAM1040	2.0 kN	2.0 kN	40 mm
LAM1250	2.4 kN	2.4 kN	50 mm

The maximum load per fixing point for multiple use for non-structural applications may, depending on national regulations, be below the approved load of the anchor. The approved loads per fixing point are regulated for their respective countries in the ETAG 001, Part 6.  
Total safety factor as per ETAG 001 included ( $Y_m$  and  $Y_f$ )



Metal Anchors

HAMMER-IN TOOL FOR DROP-IN ANCHORS



- FEATURES**
- Setting tool for CA and LA type drop in anchors

Material: Steel  
Finish: Electrogalvanized

Part Number	Article Number	Rod Size	Length
TCAM6025	593145	M6	25 mm
TCAM6030	593150	M6	30 mm
TCAM8030	593160	M8	30 mm
TCAM8040	593165	M8	40 mm
TCAM10040	593170	M10	40 mm
TCAM12050	400420	M12	50 mm
TCAM16065	400421	M16	65 mm



Metal Anchors

BRASS EXPANSION ANCHOR



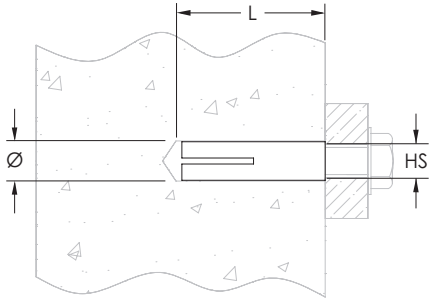
FEATURES

- Expansion fixing for metric screws
- For use in concrete and brick

Material: Brass  
Static Load Safety Factor: 3.5:1

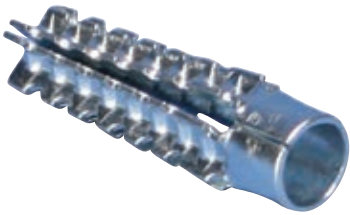
Part Number	Article Number	Screw Diameter Sc	Length L	Diameter Ø	Static Load 1 F1	Static Load 2 F2
CLM6030	593090	M6	22 mm	8 mm	650 N	550 N
CLM8040	593100	M8	30 mm	11 mm	1,100 N	900 N
CLM10040	593110	M10	34 mm	13 mm	1,600 N	1,300 N

Refer to Static Load 1 when anchoring in non-cracked concrete C20/25. Refer to Static Load 2 when anchoring in solid brick with a compressive strength greater than 15 MPa.



Metal Anchors

METAL PLUG



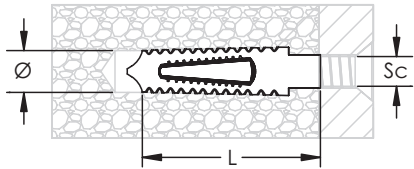
FEATURES

- Expansion fixing for wood or drywall/plasterboard screws
- For use in concrete, brick and lightweight concrete

Material: Steel  
Finish: Electrogalvanized  
Static Load Safety Factor: 5:1

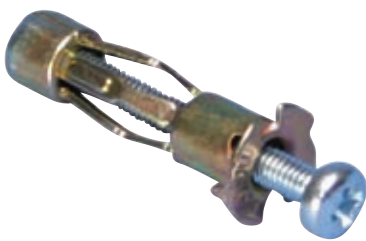
Part Number	Article Number	Screw Diameter Sc	Length L	Diameter Ø	Drill Hole Diameter	Static Load 1 F1	Static Load 2 F2
CFH838	593210	6 – 8 mm	38 mm	10 – 12 mm	50 mm	350 N	700 N
CFH1060	593220	8 – 10 mm	60 mm	12 – 14 mm	70 mm	950 N	1,200 N

Metal plug with 38 mm (1-1/2") length can be hammered into G2 or G4 low-strength aerated concrete without pre-drilling. Refer to Static Load 1 when anchoring in G2 low-strength aerated concrete. Refer to Static Load 2 when anchoring in G4 low-strength aerated concrete. Static loads are calculated using the maximum Screw Diameter.



Metal Anchors

CAVITY PLUG



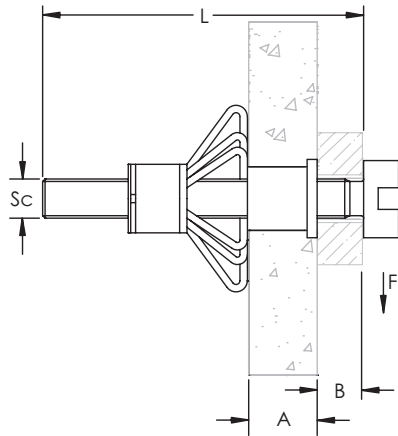
FEATURES

- For use in plasterboard
- Ideal for attachment to thin-walled panels
- Large seating area for high loading capacity

Screw Included: Yes  
Material: Steel  
Finish: Electrogalvanized

Part Number	Article Number	Screw Diameter Sc	Screw Length L	A	B	Ultimate Static Load 1 F1	Ultimate Static Load 2 F2
MFV433	571460	M4	41 mm	3 – 9 mm	12 mm	75 N	115 N
MFV537	571470	M5	45 mm	5 – 13 mm	15 mm	115 N	175 N
MFV650	571510	M6	60 mm	5 – 16 mm	18 mm	155 N	195 N

Refer to Ultimate Static Load 1 when anchor is set in plasterboard. Refer to Ultimate Static Load 2 when anchor is set in hollow block or hollow cinder block.



Metal Anchors

SETTING TOOL FOR METAL EXPANSION ANCHOR



FEATURES

- Setting tool for cavity fixing MFV

Material: Steel  
Finish: Painted

Part Number	Article Number	Orientation
MFT1	571520	Top
MFT2	571530	Side



Metal Anchors

PWM/PWN SELF-DRILLING DRYWALL ANCHOR



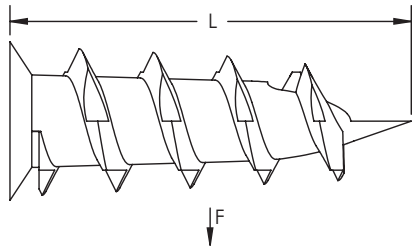
- FEATURES**
- Self-drilling anchor for plasterboard and aerated concrete (Zinc Alloy version only)
  - Tip point for precise positioning

Material: Zinc Alloy

Part Number	Article Number	Length L	Screw Included	Ultimate Static Load F
PWM	571270	36 mm	Yes	95 N
PWMS	571280	36 mm	No	95 N

Material: Nylon

Part Number	Article Number	Length L	Screw Included	Ultimate Static Load F
PWN	571290	38 mm	Yes	95 N
PWNS	571300	38 mm	No	95 N



Innovative Anchors

SPEED LINK SLS WITH WEDGE ANCHOR



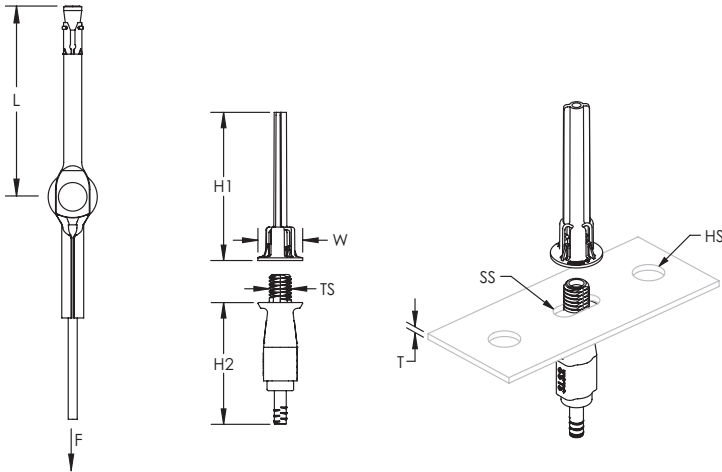
- FEATURES**
- Complete system includes wire, locking device and wedge anchor from Powers Fasteners, Inc.
  - Quickly and easily attaches into cracked and non-cracked concrete
  - Installs in strut profiles without the need to insert fingers or tools into the strut
  - Finger tightening of nut secures the locking device into position without tools
  - No special tools required
  - ETA-13/0106 approval available for wedge anchor from Powers Fasteners, Inc.

Material: Steel; Polypropylene; Zinc Alloy  
Finish: Electrogalvanized  
Static Load Safety Factor: 5:1  
Complies with: SMACNA HVAC-DCS  
Wire Rope Diameter: 2 mm

Part Number	Article Number	Wire Rope Length	Length L	Drill Bit Diameter	Drill Hole Depth	Embedment Depth	Static Load F
SLS2L3WA6	196759	3 m	63.5 mm	6 mm	60 mm	55 mm Min	270 N
SLS2L5WA6	196760	5 m	63.5 mm	6 mm	60 mm	55 mm Min	270 N
SLS2L7WA6	196761	7 m	63.5 mm	6 mm	60 mm	55 mm Min	270 N

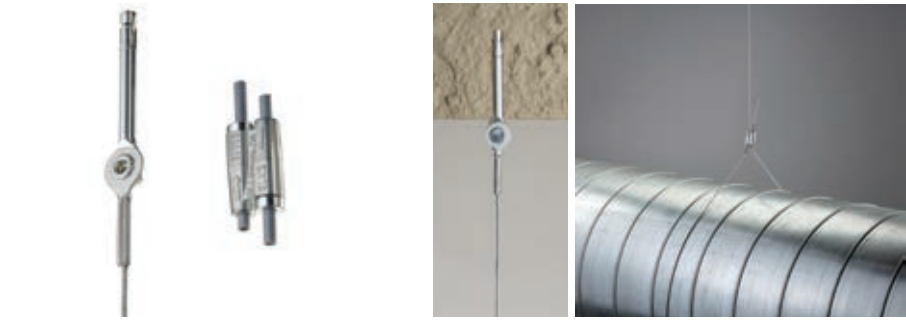
Thread Size TS	Height 1 H1	Height 2 H2	Width W	Thickness T	Hole Size HS	Slot Size SS
M8	53 mm	43.5 mm	16 mm	4 mm Max	8 – 10 mm	8 x 6.5 mm – 8 x 10 mm

The 2 mm locking device is compatible with C-Channel Types E0 and E0L.  
Total load per wire on a multi-tier trapeze must not exceed static load.



Innovative Anchors

SPEED LINK SLK WITH WEDGE ANCHOR



- FEATURES**
- Complete system includes wire, locking device and wedge anchor from Powers Fasteners, Inc.
  - Quickly and easily attaches into cracked and non-cracked concrete
  - No special tools required
  - ETA-13/0106 approval available for wedge anchor from Powers Fasteners, Inc.

Material: Steel; Polypropylene; Zinc Alloy  
Finish: Electrogalvanized  
Static Load Safety Factor: 5:1  
Complies with: SMACNA HVAC-DCS

Wire Rope Diameter: 1.5 mm

Part Number	Article Number	Wire Rope Length	Length L	Height H	Width W	Thickness T	Angle a	Static Load F
SLK15L1WA6	196670	1 m	63.5 mm	55 mm	19 mm	12.5 mm	90° Max	195 N
SLK15L2WA6	196671	2 m	63.5 mm	55 mm	19 mm	12.5 mm	90° Max	195 N
SLK15L3WA6	196672	3 m	63.5 mm	55 mm	19 mm	12.5 mm	90° Max	195 N
SLK15L5WA6	196673	5 m	63.5 mm	55 mm	19 mm	12.5 mm	90° Max	195 N

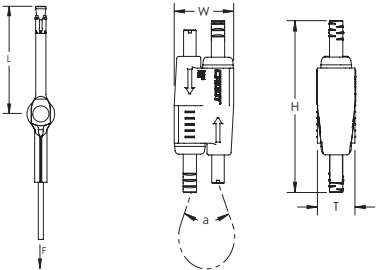
Wire Rope Diameter: 2 mm

Part Number	Article Number	Wire Rope Length	Length L	Height H	Width W	Thickness T	Angle a	Static Load F
SLK2L2WA6	196734	2 m	63.5 mm	55 mm	19 mm	12.5 mm	90° Max	440 N
SLK2L3WA6	196735	3 m	63.5 mm	55 mm	19 mm	12.5 mm	90° Max	440 N
SLK2L5WA6	196736	5 m	63.5 mm	55 mm	19 mm	12.5 mm	90° Max	440 N
SLK2L7WA6	196737	7 m	63.5 mm	55 mm	19 mm	12.5 mm	90° Max	440 N

Wire Rope Diameter: 3 mm

Part Number	Article Number	Wire Rope Length	Length L	Height H	Width W	Thickness T	Angle a	Static Load F
SLK3L1WA6	196722	1 m	63.5 mm	62 mm	24 mm	16 mm	90° Max	890 N
SLK3L2WA6	196723	2 m	63.5 mm	62 mm	24 mm	16 mm	90° Max	890 N
SLK3L3WA6	196724	3 m	63.5 mm	62 mm	24 mm	16 mm	90° Max	890 N
SLK3L5WA6	196725	5 m	63.5 mm	62 mm	24 mm	16 mm	90° Max	890 N
SLK3L7WA6	196726	7 m	63.5 mm	62 mm	24 mm	16 mm	90° Max	890 N
SLK3L10WA6	196727	10 m	63.5 mm	62 mm	24 mm	16 mm	90° Max	890 N

Drill Bit Diameter	Drill Hole Depth	Embedment Depth
6 mm	60 mm	55 mm Min



Innovative Anchors

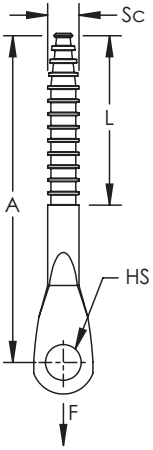
CONCRETE FIXING EYEBOLT SCREW



- FEATURES**
- For use in concrete and brick
  - Includes drill bit adaptor for easy installation

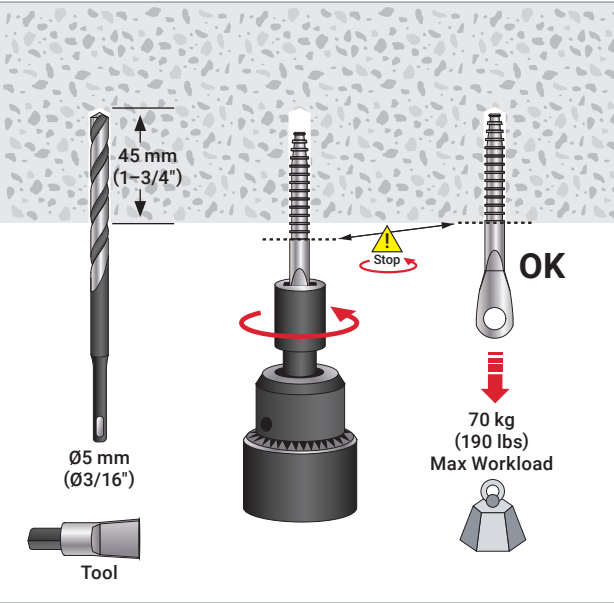
Material: Steel  
Finish: Electrogalvanized

Part Number	Article Number	Hole Size HS	Screw Diameter Sc	Screw Length L	A	Drill Bit Diameter	Static Load F
CFEB05	195864	6.5 mm	H6	45 mm	60 mm	5 mm	700 N



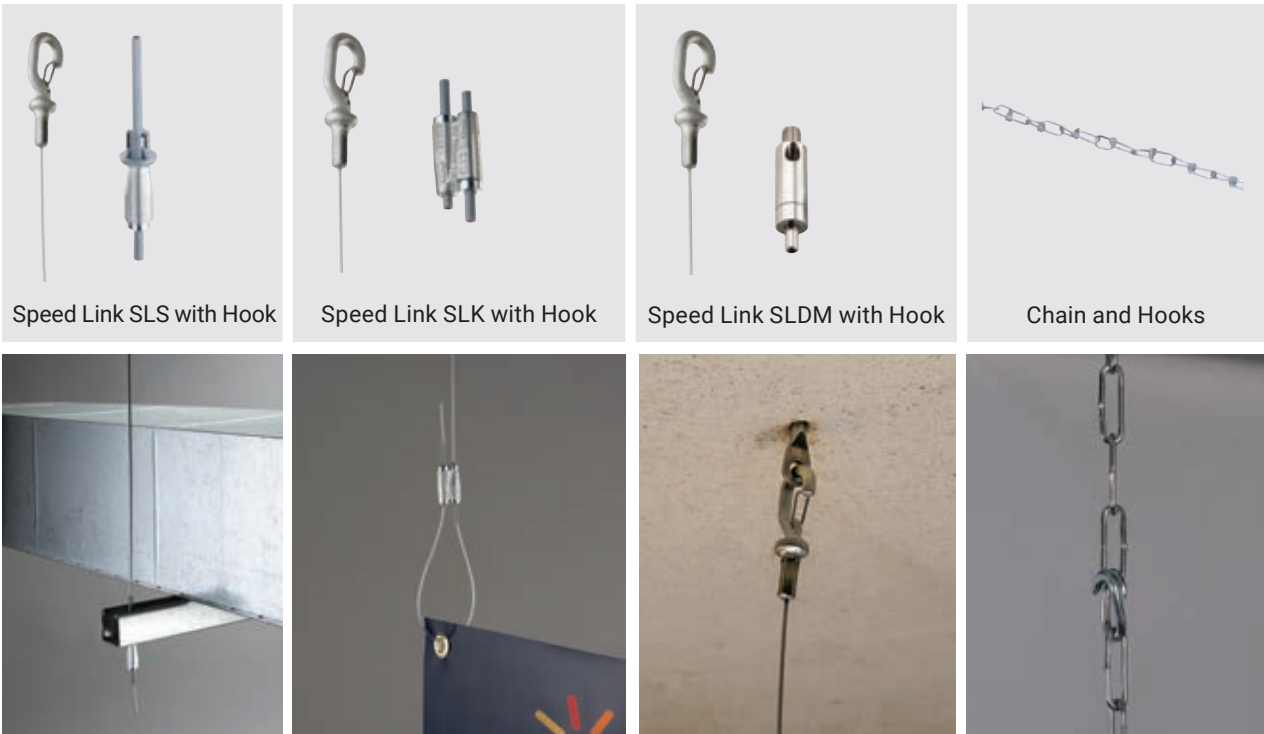


FEATURED PRODUCTS



Concrete Fixing Eyebolt Screw

Works great with



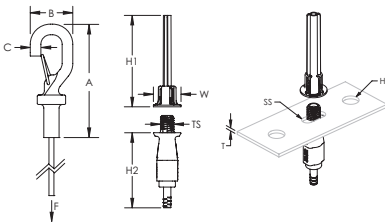
FEATURED PRODUCTS

SPEED LINK SLS WITH HOOK



FEATURES

- Complete system includes wire, locking device and pre-assembled hook end fitting
- Hooks to a wide range of nVent CADDY fasteners
- Fastens to the building structure or hanging services by looping around and hooking to wire rope
- Easy to remove for applications requiring maintenance
- Spring latch helps provide secure connection
- Insert cable through hole and use bottom side of hook as an end stop
- Finger tightening of nut secures the locking device into position without tools
- Installs in strut profiles without the need to insert fingers or tools into the strut



Material: Steel; Zinc Alloy; Polypropylene  
Finish: Electrogalvanized  
Static Load Safety Factor: 5:1  
Complies With: SMACNA HVAC-DCS

Wire Rope Diameter: 2 mm

Part Number	SLS2L1	SLS2L2	SLS2L3	SLS2L5	SLS2L7	SLS2L10
Article Number	196741	196742	196743	196744	196745	196746
Wire Rope Length	1 m	2 m	3 m	5 m	7 m	10 m
A	57 mm					
B	20 mm					
C	5.5 mm					
Height 1 (H1)	53 mm					
Height 2 (H2)	43.5 mm					
Thread Size (TS)	M8					
Width (W)	16 mm					
Hole Size (HS)	8 – 10 mm					
Slot Size (SS)	8 x 6.5 mm – 8 x 10 mm					
Thickness (T)	4 mm Max					
Static Load (F)	270 N					
Standard Packaging Quantity	10 pc					

Wire Rope Diameter: 3 mm

Part Number	SLS3L1	SLS3L2	SLS3L3	SLS3L5	SLS3L7	SLS3L10
Article Number	196747	196748	196749	196750	196751	196752
Wire Rope Length	1 m	2 m	3 m	5 m	7 m	10 m
A	57.6 mm					
B	23.2 mm					
C	6.1 mm					
Height 1 (H1)	53 mm					
Height 2 (H2)	46.5 mm					
Thread Size (TS)	M12					
Width (W)	20 mm					
Hole Size (HS)	12 – 14 mm					
Slot Size (SS)	12 x 10 mm – 12 x 14 mm					
Thickness (T)	6 mm Max					
Static Load (F)	670 N					
Standard Packaging Quantity	10 x 10 pc		10 x 5 pc		5 x 5 pc	

The 2 mm locking device is compatible with C-Channel Types E0 and E0L.  
The 3 mm locking device is compatible with C-Channel Types E1, E2, E2L, E3, E4, E5, Strut Channel Type C, Slotted, Strut Channel Type A, Slotted, Strut Channel Type AS, Perforated, Strut Channel Type CC, Slotted, Strut Channel Type AA, Slotted.  
Total load per wire on a multi-tier trapeze must not exceed static load.

FEATURED PRODUCTS

SPEED LINK SLK WITH HOOK



- FEATURES**
- Complete system includes wire, locking device and pre-assembled hook end fitting
  - Hooks to a wide range of nVent CADDY fasteners
  - Fastens to the building structure or hanging services by looping around and hooking to wire rope
  - Easy to remove for applications requiring maintenance
  - Spring latch helps provide secure connection
  - Insert cable through hole and use bottom side of hook as an end stop
  - Also available in Y-hook configuration

Material: Steel; Polypropylene; Zinc Alloy  
Finish: Electrogalvanized  
Static Load Safety Factor: 5:1

Wire Rope Diameter: 1.5 mm

Part Number	Article Number	Wire Rope Length	A	B	C	H	W	T	a	F	Standard Packaging Quantity
SLK15L1	196508	1 m	48 mm	18 mm	4.5 mm	55 mm	19 mm	12.5 mm	90° Max	195 N	20 pc
SLK15L2	196509	2 m	48 mm	18 mm	4.5 mm	55 mm	19 mm	12.5 mm	90° Max	195 N	20 pc
SLK15L2R2	196614	2 m	48 mm	18 mm	4.5 mm	55 mm	19 mm	12.5 mm	90° Max	195 N	15 x 2 pc
SLK15L3	196510	3 m	48 mm	18 mm	4.5 mm	55 mm	19 mm	12.5 mm	90° Max	195 N	20 pc
SLK15L3R2	196615	3 m	48 mm	18 mm	4.5 mm	55 mm	19 mm	12.5 mm	90° Max	195 N	15 x 2 pc
SLK15L5	196511	5 m	48 mm	18 mm	4.5 mm	55 mm	19 mm	12.5 mm	90° Max	195 N	20 pc
SLK15L5R2	196616	5 m	48 mm	18 mm	4.5 mm	55 mm	19 mm	12.5 mm	90° Max	195 N	15 x 2 pc
SLK15L7	196512	7 m	48 mm	18 mm	4.5 mm	55 mm	19 mm	12.5 mm	90° Max	195 N	20 pc
SLK15L10	196513	10 m	48 mm	18 mm	4.5 mm	55 mm	19 mm	12.5 mm	90° Max	195 N	20 pc

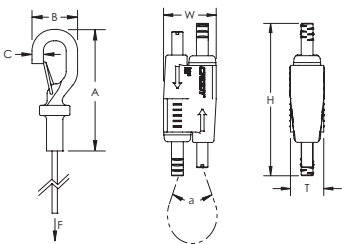
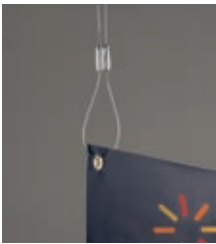
Wire Rope Diameter: 2 mm

Part Number	Article Number	Wire Rope Length	A	B	C	H	W	T	a	F	Standard Packaging Quantity
SLK2L1	196537	1 m	57 mm	20 mm	5.5 mm	55 mm	19 mm	12.5 mm	90° Max	440 N	10 pc
SLK2L2	196538	2 m	57 mm	20 mm	5.5 mm	55 mm	19 mm	12.5 mm	90° Max	440 N	10 pc
SLK2L2R2	196619	2 m	57 mm	20 mm	5.5 mm	55 mm	19 mm	12.5 mm	90° Max	440 N	15 x 2 pc
SLK2L3	196539	3 m	57 mm	20 mm	5.5 mm	55 mm	19 mm	12.5 mm	90° Max	440 N	10 pc
SLK2L3R2	196620	3 m	57 mm	20 mm	5.5 mm	55 mm	19 mm	12.5 mm	90° Max	440 N	15 x 2 pc
SLK2L5	196540	5 m	57 mm	20 mm	5.5 mm	55 mm	19 mm	12.5 mm	90° Max	440 N	10 pc
SLK2L5R2	196621	5 m	57 mm	20 mm	5.5 mm	55 mm	19 mm	12.5 mm	90° Max	440 N	15 x 2 pc
SLK2L7	196541	7 m	57 mm	20 mm	5.5 mm	55 mm	19 mm	12.5 mm	90° Max	440 N	10 pc
SLK2L10	196542	10 m	57 mm	20 mm	5.5 mm	55 mm	19 mm	12.5 mm	90° Max	440 N	10 pc
SLK2L10R2	196622	10 m	57 mm	20 mm	5.5 mm	55 mm	19 mm	12.5 mm	90° Max	440 N	15 x 2 pc

FEATURED PRODUCTS

Wire Rope Diameter: 3 mm

Part Number	Article Number	Wire Rope Length	A	B	C	H	W	T	a	F	Standard Packaging Quantity
SLK3L1	196700	1 m	57.6 mm	23.2 mm	6.1 mm	62 mm	24 mm	16 mm	90° Max	890 N	10 x 10 pc
SLK3L2	196701	2 m	57.6 mm	23.2 mm	6.1 mm	62 mm	24 mm	16 mm	90° Max	890 N	10 x 10 pc
SLK3L3	196702	3 m	57.6 mm	23.2 mm	6.1 mm	62 mm	24 mm	16 mm	90° Max	890 N	5 x 10 pc
SLK3L3R2	196625	3 m	57.6 mm	23.2 mm	6.1 mm	62 mm	24 mm	16 mm	90° Max	890 N	10 x 2 pc
SLK3L5	196703	5 m	57.6 mm	23.2 mm	6.1 mm	62 mm	24 mm	16 mm	90° Max	890 N	5 x 10 pc
SLK3L5R2	196626	5 m	57.6 mm	23.2 mm	6.1 mm	62 mm	24 mm	16 mm	90° Max	890 N	15 x 2 pc
SLK3L7	196704	7 m	57.6 mm	23.2 mm	6.1 mm	62 mm	24 mm	16 mm	90° Max	890 N	5 x 5 pc
SLK3L10	196705	10 m	57.6 mm	23.2 mm	6.1 mm	62 mm	24 mm	16 mm	90° Max	890 N	5 x 5 pc



SPEED LINK SLDM WITH HOOK

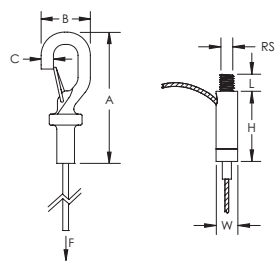


- FEATURES**
- Complete system includes wire, locking device and pre-assembled hook end fitting
  - Ideal for supporting lighting, ductwork and other installation projects
  - Sleek, low-profile locking device reduces visual impact
  - Keyless locking device is adjustable even after installation

Material: Steel  
Finish: Electrogalvanized  
Static Load Safety Factor: 5:1  
Wire Rope Diameter: 1.5 mm

Part Number	Article Number	Wire Rope Length	A	B	C	Static Load F
SLDM615L1	196028	1 m	58.4 mm	22.9 mm	6.4 mm	195 N
SLDM615L2	196029	2 m	58.4 mm	22.9 mm	6.4 mm	195 N
SLDM615L3	196030	3 m	58.4 mm	22.9 mm	6.4 mm	195 N

Rod Size RS	Length L	Height H	Width W
M6	7 mm	24.5 mm	9.2 mm





FEATURED PRODUCTS

CHK CHAIN

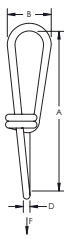


FEATURES

- Versatile non-welded double loop chain
- Conforms to DIN 5686

Material: Steel  
Finish: Electrogalvanized

Part Number	Article Number	Length L	A	B	D	Static Load F
CHK22K	385860	30 m	28 mm	9.0 mm	2.0 mm	400 N
CHK25K	385870	30 m	31 mm	10.0 mm	2.2 mm	500 N
CHK27K	385880	30 m	35 mm	11.0 mm	2.5 mm	700 N
CHK30K	385890	30 m	39 mm	12.5 mm	2.8 mm	900 N
CHK32K	385900	25 m	41 mm	14.0 mm	3.1 mm	1,200 N



CHN CHAIN



FEATURES

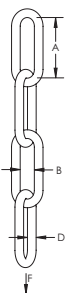
- Round link chain
- Conforms to DIN 5685

Material: Steel  
Finish: Electrogalvanized

Part Number	Article Number	Length L	A	B	D	Static Load F
CHN13K	386780	30 m	22 mm	3.5 mm	2.0 mm	200 N
CHN15K	385910	30 m	24 mm	4.5 mm	2.5 mm	300 N
CHN17K	385920	30 m	26 mm	5.5 mm	3.0 mm	400 N

Material: Stainless Steel 304 (EN 1.4301)

Part Number	Article Number	Length L	A	B	D	Static Load F
CHN15KS4	591500	30 m	24 mm	4.5 mm	2.5 mm	300 N
CHN17KS4	591510	30 m	26 mm	5.5 mm	3.0 mm	400 N



FEATURED PRODUCTS

KN HOOK

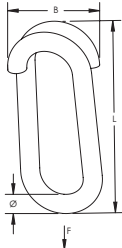


FEATURES

- Use to repair a link or combine two chains together by hammering the link shut

Material: Steel  
Finish: Electrogalvanized

Part Number	Article Number	Diameter Ø	Length L	B	Static Load F
KN30EG	380050	3 mm	16.5 mm	12.5 mm	370 N
KN40EG	380060	4 mm	20.0 mm	16.0 mm	550 N
KN50EG	380070	5 mm	23.0 mm	20.0 mm	950 N



Plastic Anchors

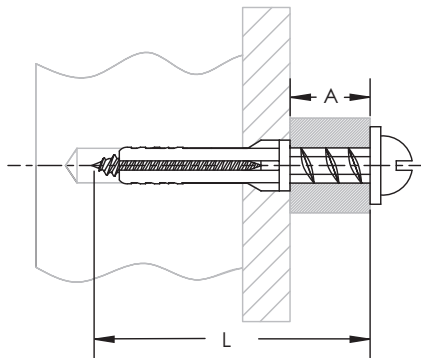
NPN HAMMER-IN EXPANSION ANCHOR WITH SCREW



- FEATURES**
- Secure and time-saving, hammer-in nylon plug with pre-assembled zinc plated nail screw
  - Nail plug can be unscrewed for readjustment
  - Long splay zone for optimal grip
  - Delivered pre-assembled to avoid nail loss

Material: Steel; Nylon  
Finish: Electrogalvanized

Part Number	Article Number	Length L	A	Drill Bit Diameter
NPN640	570800	40 mm	10 mm	6 mm
NPN660	570810	60 mm	30 mm	6 mm
NPN860	570830	60 mm	30 mm	8 mm



Plastic Anchors

FPN UNIVERSAL ANCHOR



- FEATURES**
- Expansion fixing for wood or drywall/plasterboard screws
  - For use in concrete, brick and lightweight concrete

Material: Nylon  
Static Load Safety Factor: 5:1

Part Number	Article Number	Screw Diameter	Length	Drill Bit Diameter	Drill Hole Depth	Static Load 1	Static Load 2	Static Load 3
FPN6	570710	3.5 – 5.0 mm	30 mm	6 mm	35 mm	600 N	450 N	450 N
FPN8	570720	4.5 – 6.0 mm	40 mm	8 mm	50 mm	850 N	700 N	700 N
FPN10	570730	6.0 – 8.0 mm	50 mm	10 mm	60 mm	1,500 N	850 N	800 N
FPN12	570740	8.0 – 10.0 mm	60 mm	12 mm	70 mm	1,800 N	950 N	800 N

Refer to Static Load 1 when anchoring in non-cracked concrete C20/25. Refer to Static Load 2 when anchoring in solid brick Mz 20. Refer to Static Load 3 when anchoring in solid sand-lime brick KS 20. Static loads are calculated using the maximum Screw Diameter.



Plastic Anchors

FEATURED PRODUCTS



NPN Hammer-in Expansion Anchor with Screw



FPN Universal Anchor



Works great with

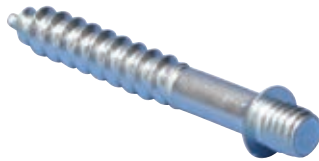
- VDF C Wood-to-Metal Dowel Screw with Collar
- VDF Torx Wood-to-Metal Screw with Torx® Head
- VDF T Drive Tool for Dowel Screws



Plastic Anchors

FEATURED PRODUCTS

VDF C WOOD-TO-METAL DOWEL SCREW WITH COLLAR

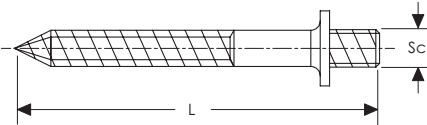


Material: Steel  
Finish: Electrogalvanized

Part Number	Article Number	Screw Diameter Sc	Screw Length L
VDFCM8040	583850	M8	40 mm
VDFCM8080	400700	M8	80 mm

FEATURES

- Wood dowel screw with metric thread connection with collar



VDF TORX WOOD-TO-METAL SCREW WITH TORX® HEAD



Material: Steel  
Finish: Electrogalvanized

Part Number	Article Number	Screw Diameter Sc	Length L	A	C	TORX®
VDFM8050	593270	M8	50 mm	40 mm	10 mm	T25
VDFM8060	593280	M8	60 mm	30 mm	20 mm	T25
VDFM8070	593290	M8	70 mm	30 mm	25 mm	T25
VDFM8080	593300	M8	80 mm	40 mm	30 mm	T25
VDFM8100	593310	M8	100 mm	40 mm	40 mm	T25
VDFM8120	593400	M8	120 mm	50 mm	50 mm	T25
VDFM8150	593410	M8	150 mm	45 mm	50 mm	T25
VDFM8200	593420	M8	200 mm	50 mm	50 mm	T25
VDFM10050	593560	M10	50 mm	30 mm	18 mm	T25
VDFM10060	593330	M10	60 mm	30 mm	18 mm	T25
VDFM10080	593340	M10	80 mm	40 mm	30 mm	T25
VDFM10100	593350	M10	100 mm	60 mm	30 mm	T25
VDFM10120	593370	M10	120 mm	60 mm	50 mm	T25
VDFM10150	593570	M10	150 mm	60 mm	50 mm	T25
VDFM10200	593580	M10	200 mm	60 mm	50 mm	T25
VDFM12120	400403	M12	120 mm	55 mm	30 mm	T30

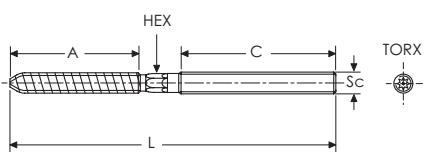
FEATURES

- Wood dowel screw with metric thread connection
- TORX® head

Material: Stainless Steel 304 (EN 1.4301)

Part Number	Article Number	Screw Diameter Sc	Length L	A	C	TORX®
VDFM8050S4	400477	M8	50 mm	28 mm	15 mm	T25
VDFM8080S4	400478	M8	80 mm	40 mm	30 mm	T25
VDFM10100S4	400482	M10	100 mm	55 mm	40 mm	T25

No HEX when length is 50 mm



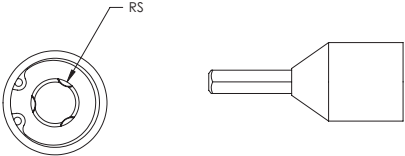
FEATURED PRODUCTS

VDF T DRIVE TOOL FOR DOWEL SCREWS



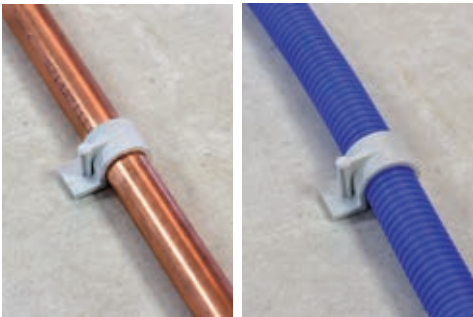
Material: Steel  
Finish: Electrogalvanized

Part Number	Article Number	Rod Size RS
VDFTM8	401121	M8
VDFTM10	401122	M10



- FEATURES**
- Tool for screwing in wood thread dowel screws

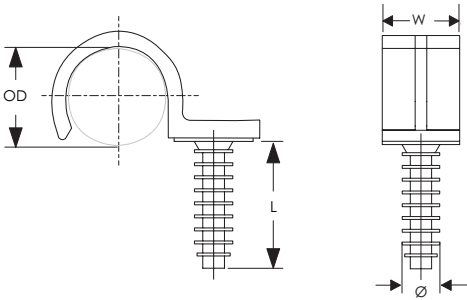
RING FRF /1 SINGLE PIPE CLIP WITH PLUG



- FEATURES**
- Hammer in plastic clip to hold one pipe/conduit
  - Fix into drilled hole in brick or concrete

Material: Polyamide

Part Number	Article Number	Outer Diameter OD	Length L	Width W	Diameter Ø	Drill Bit Diameter
FRF014	571130	14 mm	30 mm	20 mm	9.8 mm	8 mm
FRF016	571140	16 mm	30 mm	20 mm	9.8 mm	8 mm
FRF018	571150	18 mm	30 mm	20 mm	9.8 mm	8 mm
FRF020	571160	20 mm	30 mm	20 mm	9.8 mm	8 mm
FRF022	571170	22 mm	30 mm	20 mm	9.8 mm	8 mm
FRF025	571180	25 mm	30 mm	20 mm	9.8 mm	8 mm
FRF028	571190	28 mm	30 mm	20 mm	9.8 mm	8 mm





Plastic Anchors

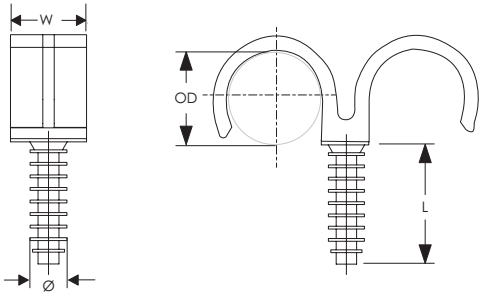
RING FRF /2 DOUBLE PIPE CLIP WITH PLUG



- FEATURES**
- Hammer in plastic clip to hold 2 pipes/conduits
  - Fix into drilled hole in brick or concrete

Material: Polyamide

Part Number	Article Number	Outer Diameter OD	Length L	Width W	Diameter Ø	Drill Bit Diameter
FRF016X2	571200	16 mm	30 mm	20 mm	9.8 mm	8 mm
FRF018X2	571210	18 mm	30 mm	20 mm	9.8 mm	8 mm
FRF020X2	571220	20 mm	30 mm	20 mm	9.8 mm	8 mm
FRF022X2	571230	22 mm	30 mm	20 mm	9.8 mm	8 mm
FRF025X2	571240	25 mm	30 mm	20 mm	9.8 mm	8 mm
FRF028X2	571250	28 mm	30 mm	20 mm	9.8 mm	8 mm



Toggles

MTSB SPRING TOGGLE WITH NUT/WASHER

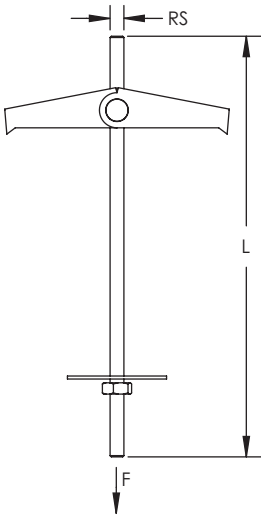


- FEATURES**
- Washer, nut and toggle included
  - Used in wall applications

Material: Steel  
Finish: Electrogalvanized

Part Number	Article Number	Rod Size RS	Length L	Drill Bit Diameter	Ultimate Static Load F
MTSB4	584410	M4	90 mm	14 mm	1,750 N

The Ultimate Static Load value does not take into account the load-bearing characteristics of the supporting material. The appropriate safety factor is to be added to this load rating.  
Spring toggle requires a minimum clearance of 35 mm (1.38") to open when installed.



Toggles

MTSH SPRING TOGGLE WITH HOOK

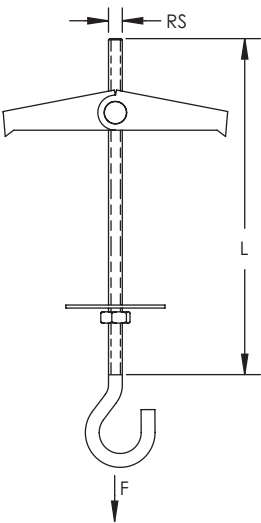


- FEATURES**
- Washer, nut and toggle included
  - Used in wall applications

Material: Steel  
Finish: Electrogalvanized

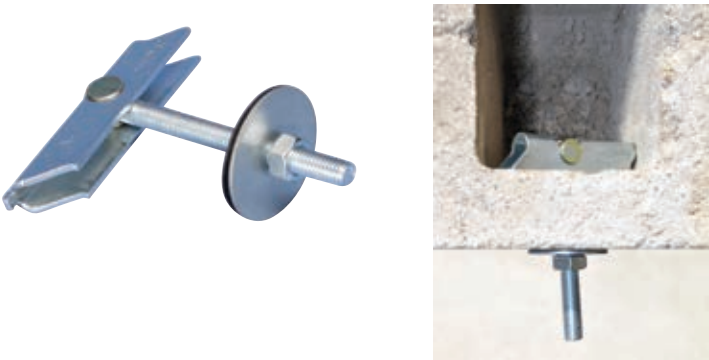
Part Number	Article Number	Rod Size RS	Length L	Drill Bit Diameter	Ultimate Static Load F
MTSH4	584430	M4	70 mm	14 mm	300 N

The Ultimate Static Load value does not take into account the load-bearing characteristics of the supporting material. The appropriate safety factor is to be added to this load rating.  
Spring toggle requires a minimum clearance of 35 mm (1.38") to open when installed



Toggles

MTVB GRAVITY TOGGLE WITH RUBBER WASHER



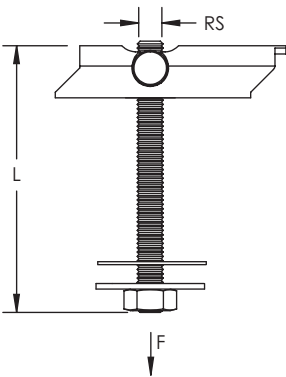
- FEATURES**
- Complete with rod, nut, washer and load distribution block
  - Threaded rod is secured against unintentional removal
  - Approved for use in stationary fire protection systems (for pipes up to 2")

Material: Steel  
Finish: Electrogalvanized



Part Number	Article Number	Rod Size RS	Length L	Drill Bit Diameter	Static Load F	Ultimate Static Load F	Certifications
MTVB8100	584455	M8	100 mm	22 mm	800 N	20 kN	VdS
MTVB8200	584456	M8	200 mm	22 mm	800 N	20 kN	VdS
MTVB10100	584465	M10	100 mm	25 mm	800 N	20 kN	FM, VdS
MTVB10200	584466	M10	200 mm	25 mm	800 N	20 kN	FM, VdS

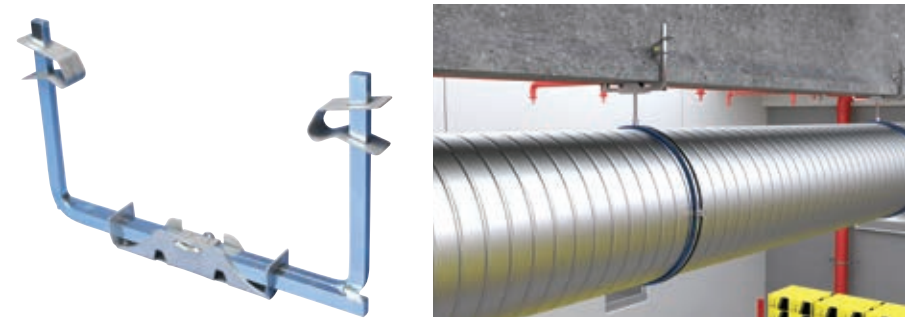
Static Load represents the maximum recommended load when fixed to a trapezoidal sheet.  
The Ultimate Static Load value does not take into account the load-bearing characteristics of the supporting material. The appropriate safety factor is to be added to this load rating





Non-Drilling/-Penetrating

UBH CONCRETE BEAM CLAMP

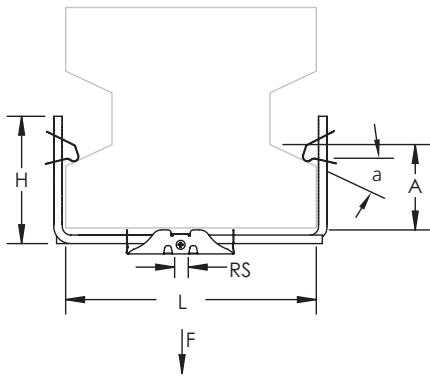


- FEATURES**
- Complete beam clamp assembly for hanging from large I-shaped concrete beams

Material: Steel  
Finish: Electrogalvanized

Part Number	Article Number	Rod Size RS	Length L	Height H	A	Angle a	Static Load 1 F1	Static Load 2 F2
UBH350M6	190530	M6	200 – 350 mm	170 mm	3 – 110 mm	0° – 40°	750 N	500 N
UBH500M6	190540	M6	350 – 500 mm	210 mm	3 – 150 mm	0° – 40°	750 N	500 N
UBH350M8	190490	M8	200 – 350 mm	170 mm	3 – 110 mm	0° – 40°	750 N	500 N
UBH500M8	190500	M8	350 – 500 mm	210 mm	3 – 150 mm	0° – 40°	750 N	500 N

Static Load 1 represents 0° to 20° angle. Static Load 2 represents 20° to 40° angle



Non-Drilling/-Penetrating

UBHT CONCRETE BEAM CLAMP WITH CANTILEVER ARM

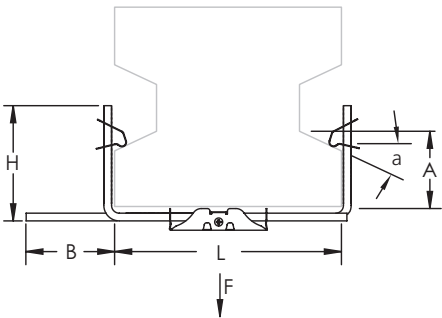


- FEATURES**
- Under beam attachment
  - Rod extends past beam to support basket tray

Material: Steel  
Finish: Electrogalvanized

Part Number	Article Number	Length L	Height H	A	B	Angle a	Static Load 1 F1	Static Load 2 F2
UBHT350	190510	200 – 350 mm	170 mm	3 – 110 mm	125 – 275 mm	0° – 40°	750 N	500 N
UBHT500	190520	350 – 500 mm	210 mm	3 – 150 mm	125 – 275 mm	0° – 40°	750 N	500 N

Static Load 1 represents 0° to 20° angle. Static Load 2 represents 20° to 40° angle



FEATURED PRODUCTS



UBHT Concrete Beam Clamp with Cantilever Arm



Works great with



Wire Cable Tray Clip for UBHT Series



FEATURED PRODUCTS

WIRE CABLE TRAY CLIP FOR UBHT SERIES

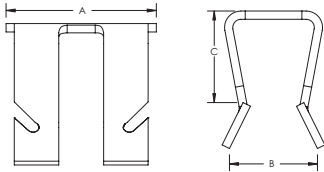


FEATURES

- Easily attaches wire cable tray to UBHT Concrete Beam Clamp with Cantilever Arm
- No tools or fasteners needed; fast snap-on installation

Material: Spring Steel  
Finish: nVent CADDY Armour

Part Number	Article Number	A	B	C
UBHBTC	190620	18.1 mm	6.6 mm	12.6 mm





Non-Drilling/-Penetrating

METAL STRAP

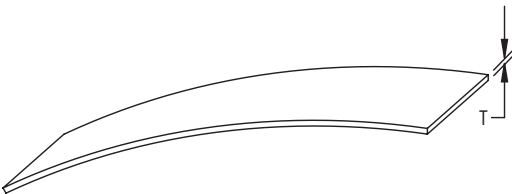


FEATURES

- Provides variable fastening on poles, masts and pipes

Material: Stainless Steel 302 (EN 1.4324)

Part Number	Article Number	Strap Width	Thickness T
FXBF10X50MS2	591200	10.0 mm	0.7 mm
FXBF12X50MS2	591210	12.7 mm	0.7 mm
FXBF16X50MS2	591220	16.0 mm	0.7 mm
FXBF20X50MS2	591230	20.0 mm	0.7 mm



Non-Drilling/-Penetrating

STANDARD DUTY STRAP BUCKLE



FEATURES

- L Clip to secure Fixoband strapping

Material: Stainless Steel 302 (EN 1.4324)

Part Number	Article Number	Strap Width
FXBC10S2	591070	10 mm
FXBC20S2	591080	20 mm

HEAVY DUTY STRAP BUCKLE



FEATURES

- Clip to secure Fixoband strapping
- For strapped looped in single or double layer

Material: Stainless Steel 302 (EN 1.4324)

Part Number	Article Number	Strap Width
FXBB10S2	591250	10.0 mm
FXBB12S2	591260	12.7 mm
FXBB16S2	591270	16.0 mm
FXBB20S2	591280	20.0 mm

STRAP TENSIONING TOOL

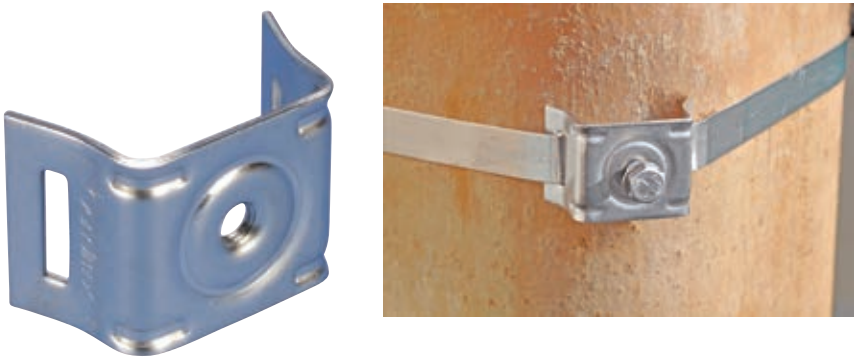


- FEATURES**
- Banding tensioning tool
  - Stainless steel banding, stainless steel serrated buckle and stainless buckle sold separately

Material: Stainless Steel 304 (EN 1.4301)

Part Number	Article Number
FXBTOOL	591290

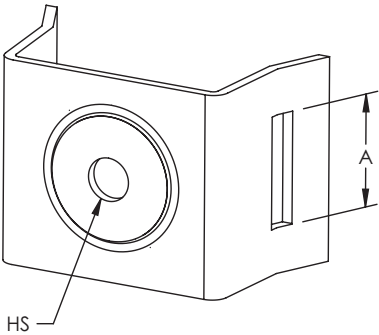
SIGN SUPPORT BRACKET FOR ROUND POLE, ONE HOLE



- FEATURES**
- Flared leg design provides a secure fit, locking each leg in place
  - Attachment support for Fixoband
  - Stainless steel washers and bolts included

Material: Stainless Steel 302 (EN 1.4324)

Part Number	Article Number	Hole Size HS	Hole Type	A
FXB20S2	350100	M8	Threaded	20 mm





Non-Drilling/-Penetrating

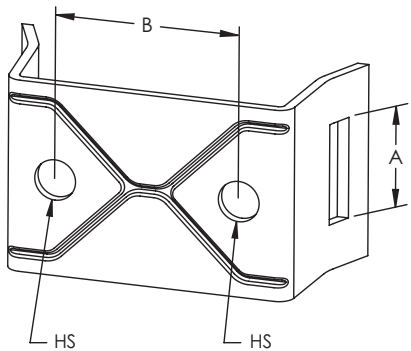
SIGN SUPPORT BRACKET FOR ROUND POLE, TWO HOLE



- FEATURES**
- Flared leg design provides a secure fit, locking each leg in place
  - Attachment support for Fixoband
  - Stainless steel washers and bolts included

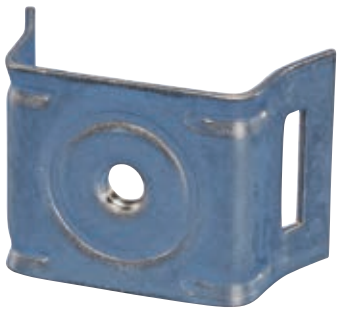
Material: Stainless Steel 302 (EN 1.4324)

Part Number	Article Number	Hole Size HS	Hole Type	A	B
FXB22S2	350120	M8	Threaded	20 mm	38 mm



Non-Drilling/-Penetrating

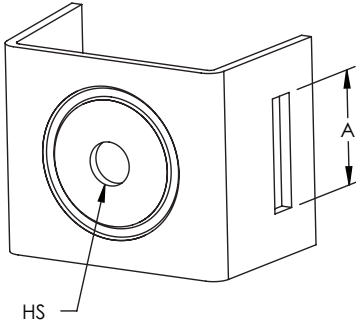
SIGN SUPPORT BRACKET FOR FLAT SURFACE, ONE HOLE



- FEATURES**
- Straight leg design, should be used when mounting on a flat surface
  - Attachment support for Fixoband
  - Stainless steel washers and bolts included

Material: Stainless Steel 302 (EN 1.4324)

Part Number	Article Number	Hole Size HS	Hole Type	A
FXB21S2	350110	M8	Threaded	20 mm



Non-Drilling/-Penetrating

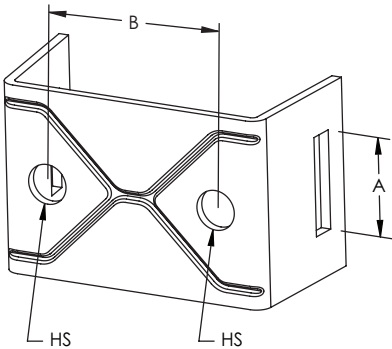
SIGN SUPPORT BRACKET FOR FLAT SURFACE, TWO HOLE



- FEATURES**
- Straight leg design, should be used when mounting on a flat surface
  - Attachment support for Fixoband
  - Stainless steel washers and bolts included

Material: Stainless Steel 302 (EN 1.4324)

Part Number	Article Number	Hole Size HS	Hole Type	A	B
FXB23S2	350130	M8	Threaded	20 mm	38 mm



Non-Drilling/-Penetrating

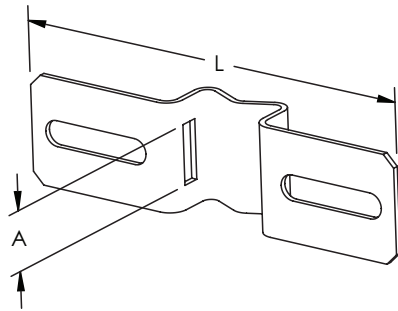
SIGN SUPPORT BRACKET WITH SLOTTED HOLES



- FEATURES**
- Attachment support for Fixoband

Material: Stainless Steel 302 (EN 1.4324)

Part Number	Article Number	Length L	A
FXB25S2	350150	90 mm	20 mm
FXB24S2	350140	140 mm	20 mm

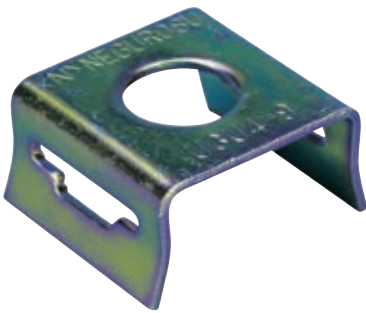


Non-Drilling/-Penetrating



nVent CADDY Anchoring Solutions

UNICBAND SIGN SUPPORT BRACKET

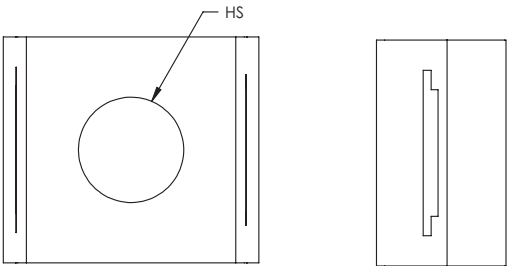


FEATURES

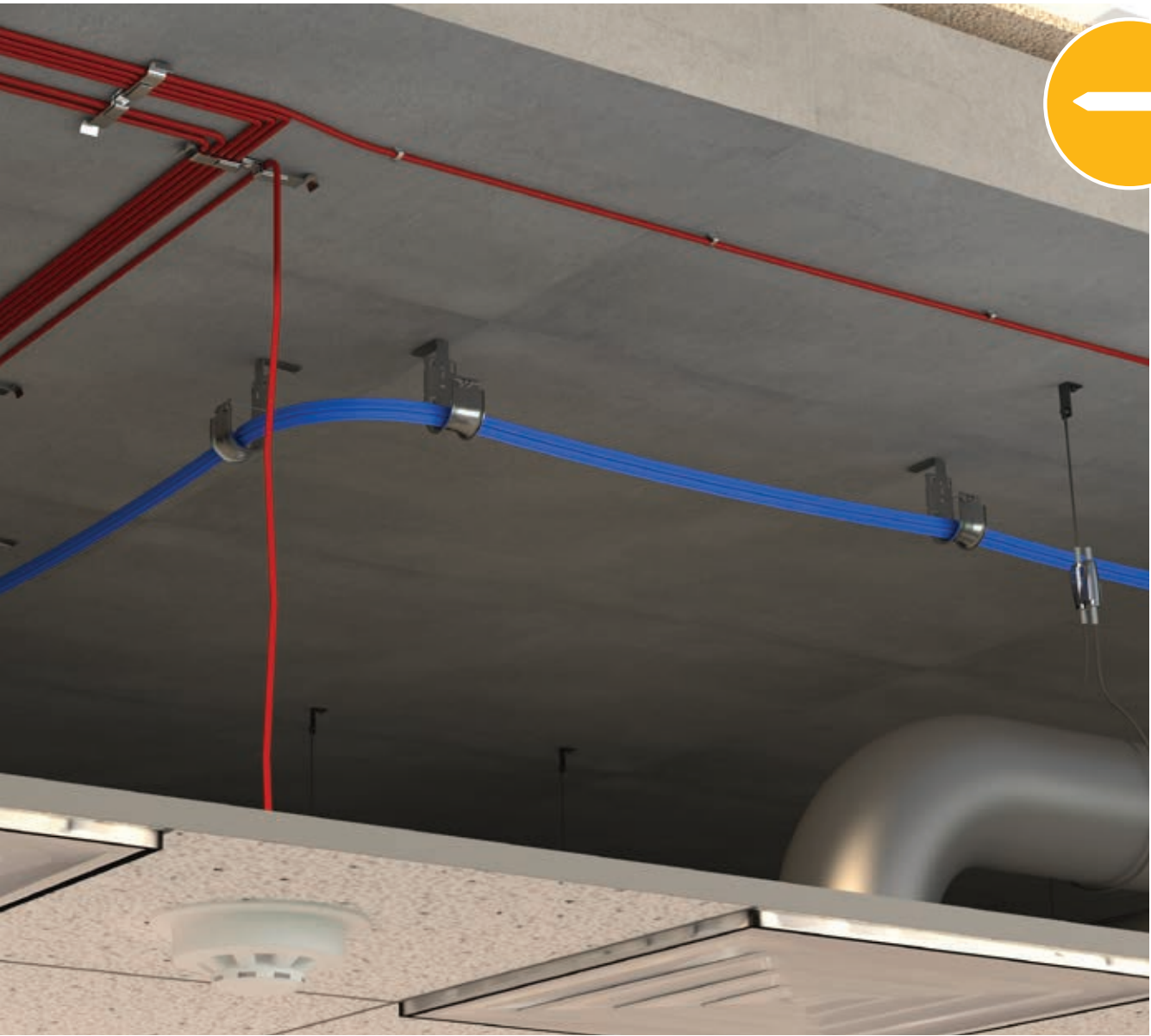
- Attachment support for Fixoband
- Pipe or cable can be supported using the CR – Pipe/Cable Clamps
- Flared leg design provides a secure fit, locking each leg in place

Material: Steel  
Finish: Electrogalvanized

Part Number	Article Number	Strap Width	Hole Size HS
U3U409EG	188460	20 mm Max	14 mm



nVent CADDY Nail Solutions



Powder-Actuated Nail Guns



Hammer-on Concrete Nail with Collar



Battery-/Gas-Actuated Nail Guns

Electrical/Datacom

Noise Reduction

Mechanical















Tool-Free

UL Listing

Compatible with Nailers



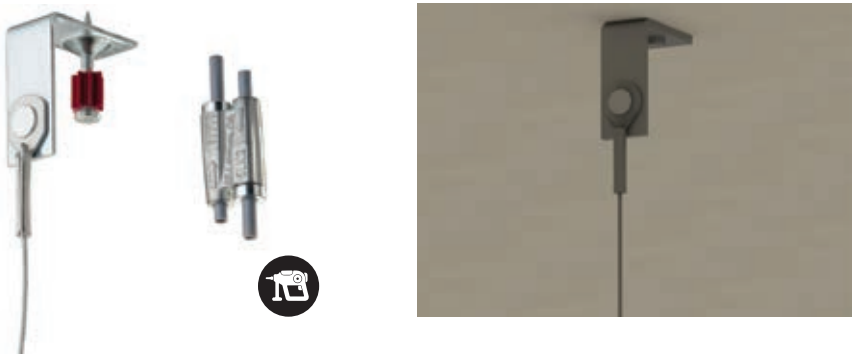
Overview Table

Type of Installations			Powder-Actuated Nail Guns		Battery/Gas-Actuated Nail Guns¹								Hammer
			Speed Link SLK with Shot-Fire Bracket	Cat HP J-Hook with Shot-Fire Bracket	Metal Pressure Clip	Nail Gun Insert	Double Cable Bracket for Nail Gun²	Connecting Plate for Nail Gun³	Speed Link SLK with Nail Gun Bracket	Cat HP J-Hook with Nail Gun Bracket	Thread Install Rod Hanger with Nail Gun Bracket	Angle Bracket with Nail Gun Bracket	HIB Concrete Nail with Collar
													
		Concrete	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Lightweight Concrete	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Concrete over Steel Deck	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Concrete Masonry (CMU)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		A36 Structural Steel	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Certifications & Approvals		 Luminaire Fittings	✓										
Material & Finish		Plain Steel											✓
		Electrogalvanized Steel	✓	✓					✓	✓	✓	✓	
		Spring Steel and nVent CADDY Armour			✓								
		Nylon				✓		✓	✓	✓	✓	✓	
		Polypropylene					✓						
Compatible Nail Guns			Works with Powers® C4CZ, Simpson® GCN-MEPKT, SPIT® P1000, P200, P2201, P3500 / PA3500, P35s, P45, P60, P7201, Sniper; Ramset® 721, Cobra, D45 / D60 / D60L, M70, SA270, T3SS, TS750P, TS60P, Viper; Hilti® DX35, DX350 / DX351 / DX36M, DX100 / DX200, DX460, DXA40, DXA41, DXE72 / DX400; Würth Diva-1, BST-1, BST-2 or equivalent nail guns.			Works with BEA CN60-688ES, Hilti® BX 3, GX 3, Powers® Trak-It C3, SPIT® PULSA 800E, 700, 1000 or equivalent nail guns.		Works with the majority of nailers including Hilti® BX3-ME, Hilti® GX3-ME, SPIT® PULSA 700E, SPIT® PULSA 800E, Würth DIGA CS-2 POWER or equivalent nail guns.		Works with BEA CN60-688ES, Hilti® BX 3, GX 3, Powers® Trak-It C3, SPIT® PULSA 800E, 700, 1000 or equivalent nail guns.		–	
Applications		Electrical/Datacom	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Mechanical	✓			✓			✓		✓	✓	✓

<sup>1</sup> Nail not included. For any further installation instructions, please consult the nail manufacturer's website.  
<sup>2</sup> Please refer to the Plastic Solutions (see pages 82, 114) of this brochure to learn more about this solution.  
<sup>3</sup> Please refer to the Plastic Solutions (see page 105) of this brochure to learn more about this solution.

Powder-Actuated Nail Guns

SPEED LINK SLK WITH SHOT-FIRE BRACKET



- FEATURES**
- Complete system includes wire, locking device and shot-fire bracket with pre-assembled drive pin from Powers Fasteners, Inc.
  - Quickly and easily attaches to concrete, steel or composite metal decking
  - Integrated pin installs easily using powder-actuated or single-shot gas-actuated tools
  - ICC-ES ESR-2024 evaluation report available for drive pin from Powers Fasteners, Inc

Material: Steel; Zinc Alloy; Polypropylene  
Finish: Electrogalvanized  
Static Load Safety Factor: 5:1  
Complies with: SMACNA HVAC-DCS

Wire Rope Diameter: 1.5 mm

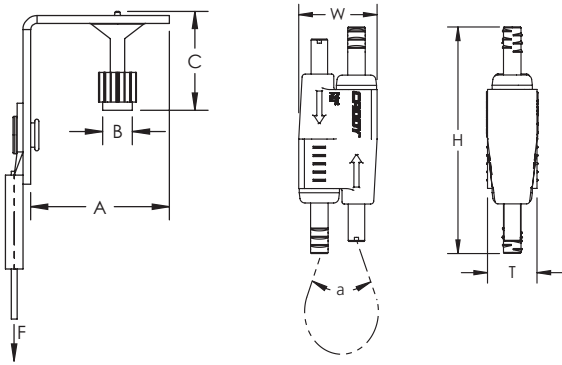
Part Number	Article Number	Wire Rope Length	A	B	C	Static Load F
SLK15L1SF	196517	1 m	37.5 mm	7.6 mm	31.8 mm	195 N
SLK15L2SF	196518	2 m	37.5 mm	7.6 mm	31.8 mm	195 N
SLK15L3SF	196519	3 m	37.5 mm	7.6 mm	31.8 mm	195 N
SLK15L5SF	196520	5 m	37.5 mm	7.6 mm	31.8 mm	195 N

Wire Rope Diameter: 2 mm

Part Number	Article Number	Wire Rope Length	A	B	C	Static Load F
SLK2L2SF	196546	2 m	37.5 mm	7.6 mm	31.8 mm	440 N
SLK2L5SF	196548	5 m	37.5 mm	7.6 mm	31.8 mm	440 N

Height H	Width W	Thickness T	Angle a
55 mm	19 mm	12.5 mm	90° Max

Uses Powers Fasteners, Inc. part number 50032.  
Static load was established based on a 1" (25.4 mm) embedment depth and 3,000 psi (20.68 MPa) lightweight concrete. For variations in embedment and material please consult [www.powers.com](http://www.powers.com).  
Pre-assembled drive pin from Powers Fasteners, Inc. works with Powers® C4CZ, Simpson® GCN-MEPKT, SPIT® P1000, P200, P2201, P3500 / PA3500, P35s, P45, P60, P7201, Sniper; Ramset® 721, Cobra, D45 / D60 / D60L, M70, SA270, T3SS, TS750P, TS60P, Viper; Hilti® DX35, DX350 / DX351 / DX36M, DX100 / DX200, DX460, DXA40, DXA41, DXE72 / DX400; Würth Diva-1, BST-1, BST-2 or equivalent nailers.  
For shot-fired supports in seismic design category D, E, or F, maximum load is the lesser of 90 lb (400 N) or the published load.



Powder-Actuated Nail Guns

NVENT CADDY CAT HP J-HOOK WITH SHOT-FIRE BRACKET

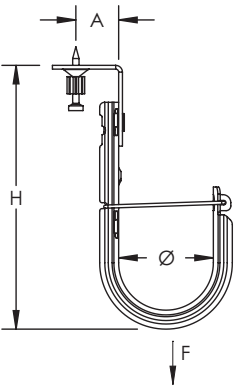


- FEATURES**
- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
  - Complete with shot-fire bracket and pre-assembled drive pin from Powers Fasteners, Inc.
  - Quickly and easily attaches to concrete, steel or composite metal decking
  - Integrated pin installs easily using powder-actuated or single-shot gas-actuated tools
  - Rounded edges on J-Hooks provide proper bend radius support for high performance data cables
  - Provides superior fill capacity and load rating over most other non-continuous cable support alternatives
  - Complies with EN 50174-2
  - Meets ISO®/IEC 14763-2, ANSI®/TIA 568 and ANSI®/TIA 569
  - ICC-ES ESR-2024 evaluation report available for drive pin from Powers Fasteners, Inc.

Material: Steel  
Finish: Electrogalvanized; Pregalvanized

Part Number	Article Number	Diameter Ø	Ar ea	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	Height H	A	Static Load F
CAT16HPSF	181673	25 mm	690 mm²	20	15	10	120.7 mm	33 mm	270 N

Uses Powers Fasteners, Inc. part number 50032.  
Static load was established based on a 1" (25.4 mm) embedment depth and 3,000 psi (20.68 MPa) lightweight concrete. For variations in embedment and material please consult [www.powers.com](http://www.powers.com).  
Pre-assembled drive pin from Powers Fasteners, Inc. works with Powers® C4CZ, Simpson® GCN-MEPKT, SPIT® P1000, P200, P2201, P3500 / PA3500, P35s, P45, P60, P7201, Sniper; Ramset® 721, Cobra, D45 / D60 / D60L, M70, SA270, T3SS, TS750P, TS60P, Viper; Hilti® DX35, DX350 / DX351 / DX36M, DX100 / DX200, DX460, DXA40, DXA41, DXE72 / DX400; Würth Diva-1, BST-1, BST-2 or equivalent nailers.



Battery-/Gas-Actuated Nail Guns

METAL PRESSURE CLIP

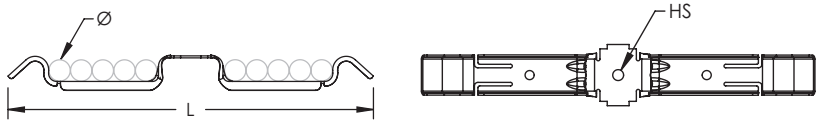


- FEATURES**
- Ideal for smaller runs of cable
  - Flexible clip retains shape and allows for cables to be inserted after installation
  - Rounded edges help prevent cable damage
  - Cables are neatly installed providing a consistent and professional appearance
  - Low-profile allows for installations in tight spaces

Material: Spring Steel  
Finish: nVent CADDY Armour

Part Number	Article Number	Cable Capacity	Diameter Ø	Hole Size HS	Length L
PKM10H3	182044	10	10 mm Max	4.8 mm	171.5 mm
PKM16H3	182046	16	10 mm Max	4.8 mm	233.5 mm





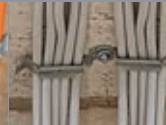




Supports cable diameters up to 1/2" (13 mm) when installed with a standard 1/4" (6 mm) washer.



Battery-/Gas-Actuated Nail Guns

The nVent CADDY portfolio offers the right installation solution that meets the different needs of each contractor and ensures project efficiency. As indicated in the table below with a cable support installation example, different installation methods can be chosen by combining our product portfolio with the nVent CADDY Concrete Structures Solutions:



Fixing Method	<div><div></div><div></div></div>				
Installation					
Speed of installation <sup>1</sup>	+++ 2 secs	++ 6 secs	+ 13 secs	- 18 secs	-- 30 secs
Static load of the anchoring solution only <sup>2</sup>	-- 0.05 kN on cracked and non-cracked concrete C20/25 – C35/45*	--- 0.032 kN on cracked and non-cracked concrete C20/25 – C50/60	++ 1.4 kN on cracked and non-cracked concrete C20/25 – C50/60	+0.6 kN on cracked and non-cracked concrete C20/25 – C50/60	+++ 2.81 kN on cracked and non-cracked concrete C20/25 – C50/60
Embedment depth required <sup>3</sup>	--- 12 mm*	+35 mm	++ 45 mm	+35 mm	- 30 mm
Fire-rating	No	Yes Fire-rated R30 – R120 	Yes Fire-rated R30 – R120 	Yes Fire-rated R30 – R120 	Yes Fire-rated R30 – R120 
Comments	No predrill required	Once the 6 mm hole is drilled, the installation is done by hand/with the push of a thumb	Once the 6 mm hole is drilled, the installation is done with the strike of a hammer	6 mm hole	6 mm hole

\* Based on a standard nail with a 20 mm long shank.  
<sup>1</sup> + means fast and - means slow.  
<sup>2</sup> + means it is designed for heavier-duty applications and - means it is designed for lighter-duty applications.  
<sup>3</sup> + means it requires a bigger embedment depth and - means it requires a shorter embedment depth.



# Battery-/Gas-Actuated Nail Guns

## FEATURED PRODUCTS



Metal Pressure Clip



Works great with



- IGBSF
- Nylon insert
- Halogen-free



# Battery-/Gas-Actuated Nail Guns

## FEATURED PRODUCTS

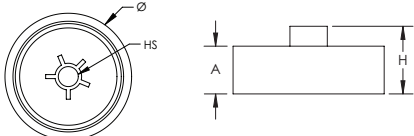
### NAIL GUN INSERT



Material: Nylon

Part Number	Article Number	Hole Size HS	Diameter Ø	Height H	A
IGBSF	182052	3 mm	19 mm	8.5 mm	6 mm

Nail gun insert is compatible with BeA® CN60-688ES, Hilti® BX 3, GX 3, Powers® Trak-It C3, SPIT® PULSA 800E, 700, 1000 or equivalent nailers.



### FEATURES

- Clips onto nozzle of gas or battery-actuated nail guns allowing for hands-off installation at structure or from the floor using a pole
- Ideal for fastening junction boxes, electrical boxes and cable trunking
- Helps prevent damage when fastening to brittle materials
- Works with nVent CADDY Metal Pressure Clip
- Halogen free

Battery-/Gas-Actuated Nail Guns

DOUBLE CABLE BRACKET FOR NAIL GUN

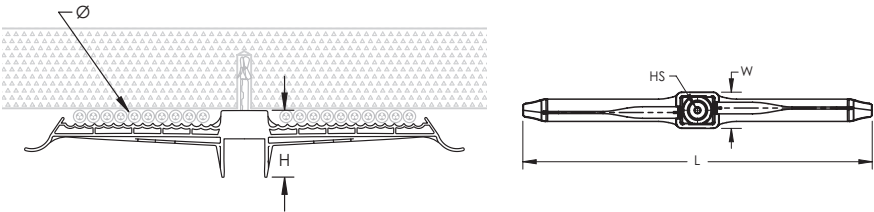


- FEATURES**
- Ideal for smaller runs of cable
  - Up to three plastic conduit clips can be attached to the bracket allowing the support of cables and conduits using a single hole in the concrete
  - Flexible clip retains shape and allows for cables to be inserted after installation
  - Cables are neatly installed providing a consistent and professional appearance
  - Halogen free
  - UV-stabilized

Material: Polypropylene  
Temperature: from -10 to +85 °C

Part Number	Article Number	Cable Capacity	Diameter Ø	Height H	Length L	Width W	Hole Size HS
SCKBS20	800042	20	10 mm Max	36 mm	235 mm	24 mm	3.5 mm

Works with the majority of nailers including Hilti® BX3-ME, Hilti® GX3-ME, SPIT® PULSA 700E, SPIT® PULSA 800E, Würth DIGA CS-2 POWER or equivalent nail guns.



Battery-/Gas-Actuated Nail Guns

SPEED LINK SLK WITH NAIL GUN BRACKET



- FEATURES**
- Complete system includes wire, locking device and concrete nail gun insert bracket
  - Clips onto nozzle of gas or battery-actuated nail guns allowing for hands-off installation at structure or from the floor using a pole
  - Longer leg angle bracket for tool clearance
  - Quickly and easily attaches to concrete, steel or composite metal decking

Material: Steel; Zinc Alloy; Polypropylene; Nylon  
Finish: Electrogalvanized  
Static Load Safety Factor: 5:1

Wire Rope Diameter: 1.5 mm

Part Number	Article Number	Wire Rope Length	A	B	Static Load F
SLK15L2GBSF	197812	2 m	38 mm	25.5 mm	195 N
SLK15L3GBSF	197813	3 m	38 mm	25.5 mm	195 N

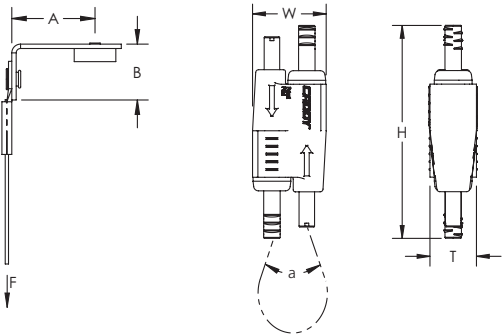
Wire Rope Diameter: 2.0 mm

Part Number	Article Number	Wire Rope Length	A	B	Static Load F
SLK2L2GBSF	197814	2 m	38 mm	25.5 mm	440 N
SLK2L3GBSF	197815	3 m	38 mm	25.5 mm	440 N

Height H	Width W	Thickness T	Angle a
55 mm	19 mm	12.5 mm	90° Max

Static Load represents the static load of the nail gun insert assembly. Please consult with the nail manufacturer to evaluate the static load of the nail and type of concrete used for the installation. Maximum load is the lesser of the static load from the nail manufacturer or the published load for the assembly.

Nail gun insert is compatible with BeA® CN60-688ES, Hilti® BX 3, GX 3, Powers® Trak-It C3, SPIT® PULSA 800E, 700, 1000 or equivalent nailers.



Battery-/Gas-Actuated Nail Guns

CAT HP J-HOOK WITH NAIL GUN BRACKET



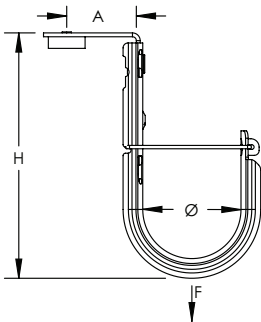
- FEATURES**
- Provides optimal support for high-performance data cable, up to and including Cat 5e, Cat 6, Cat 6A, Cat 7 and fibre optic
  - Complete with concrete nail gun insert bracket
  - Clips onto nozzle of gas or battery-actuated nail guns allowing for hands-off installation at structure or from the floor using a pole
  - Longer leg angle bracket for tool clearance
  - Quickly and easily attaches to concrete, steel or composite metal decking
  - Rounded edges on J-Hooks provide proper bend radius support for high performance data cables
  - Provides superior fill capacity and load rating over most other non-continuous cable support alternatives
  - Complies with EN 50174-2
  - Meets ISO®/IEC 14763-2, ANSI®/TIA 568 and ANSI®/TIA 569

Material: Steel; Nylon  
Finish: Electrogalvanized; Pregalvanized

Part Number	Article Number	Diameter Ø	Area	Cable Capacity, Cat 5e	Cable Capacity, Cat 6	Cable Capacity, Cat 6A	Height H	A	Static Load F
CAT16HPGBSF	180811	25 mm	690 mm²	20	15	10	110 mm	35.6 mm	270 N
CAT32HPGBSF	180821	50 mm	2,561 mm²	90	60	35	127 mm	35.6 mm	270 N

Static Load represents the static load of the nail gun insert assembly. Please consult with the nail manufacturer to evaluate the static load of the nail and type of concrete used for the installation. Maximum load is the lesser of the static load from the nail manufacturer or the published load for the assembly.

Nail gun insert is compatible with BeA® CN60-688ES, Hilti® BX 3, GX 3, Powers® Trak-It C3, SPIT® PULSA 800E, 700, 1000 or equivalent nailers.



Battery-/Gas-Actuated Nail Guns

THREAD INSTALL ROD HANGER WITH NAIL GUN BRACKET



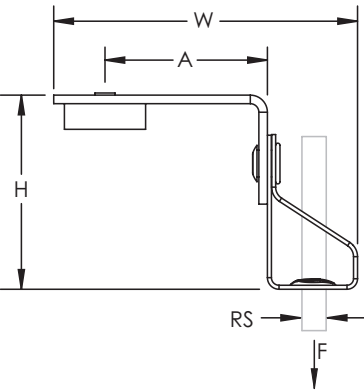
- FEATURES**
- Suspends threaded rod without the need for additional hardware
  - Complete with concrete nail gun insert bracket
  - Clips onto nozzle of gas or battery-actuated nail guns allowing for hands-off installation at structure or from the floor using a pole
  - Longer leg angle bracket for tool clearance
  - Quickly and easily attaches to concrete, steel or composite metal decking

Material: Steel; Spring Steel; Nylon  
Finish: nVent CADDY Armour; Electrogalvanized

Part Number	Article Number	Rod Size RS	Height H	Width W	A	Static Load F
M10TIBGBSF	170916	M10	60 mm	59 mm	38 mm	440 N
M8TIBGBSF	170906	M8	60 mm	59 mm	38 mm	440 N

Static Load represents the static load of the nail gun insert assembly. Please consult with the nail manufacturer to evaluate the static load of the nail and type of concrete used for the installation. Maximum load is the lesser of the static load from the nail manufacturer or the published load for the assembly.

Nail gun insert is compatible with BeA® CN60-688ES, Hilti® BX 3, GX 3, Powers® Trak-It C3, SPIT® PULSA 800E, 700, 1000 or equivalent nailers.





# Battery-/Gas-Actuated Nail Guns

## ANGLE BRACKET WITH NAIL GUN BRACKET



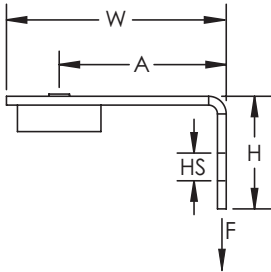
- FEATURES**
- Provides an attachment point for nVent CADDY Speed Link assemblies, wire, S-hooks, or chain
  - Complete with concrete nail gun insert bracket
  - Clips onto nozzle of gas or battery-actuated nail guns allowing for hands-off installation at structure or from the floor using a pole
  - Longer leg angle bracket for tool clearance
  - Quickly and easily attaches to concrete, steel or composite metal decking

Material: Steel; Nylon  
Finish: Electrogalvanized

Part Number	Article Number	Hole Size HS	Height H	Width W	A	Static Load F
ABGBSF	173446	7.1 mm	25.5 mm	50 mm	38 mm	440 N

Static Load represents the static load of the nail gun insert assembly. Please consult with the nail manufacturer to evaluate the static load of the nail and type of concrete used for the installation. Maximum load is the lesser of the static load from the nail manufacturer or the published load for the assembly.

Nail gun insert is compatible with BeA® CN60-688ES, Hilti® BX 3, GX 3, Powers® Trak-It C3, SPIT® PULSA 800E, 700, 1000 or equivalent nailers.



# Hammer-on Concrete Nail with Collar

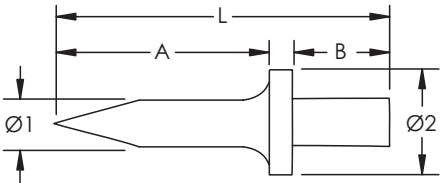
## HIB CONCRETE NAIL WITH COLLAR



- FEATURES**
- For direct fixing into concrete

Material: Steel  
Finish: Plain

Part Number	Article Number	Length L	Diameter 1 Ø1	Diameter 2 Ø2	A	B
NAIL04X14	400426	23 mm	4 mm	7.9 mm	14 mm	8 mm
NAIL04X18	400427	27 mm	4 mm	7.9 mm	18 mm	8 mm



## HIBT NAIL DRIVE TOOL



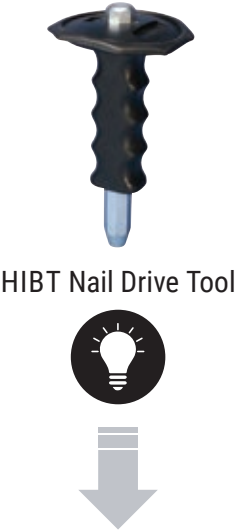
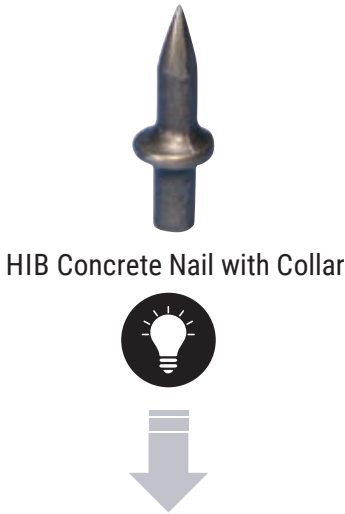
- FEATURES**
- Hammer In tool for HIB nails

Material: Steel; Polyvinylchloride  
Finish: Electrogalvanized

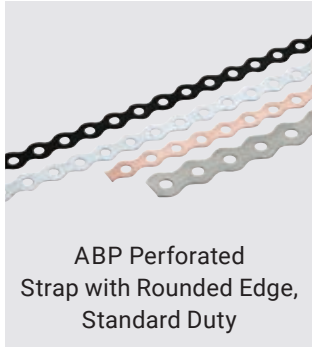
Part Number	Article Number
NAILTOOL	400428

# Hammer-on Concrete Nail with Collar

## FEATURED PRODUCTS



Works great with



# Hammer-on Concrete Nail with Collar

## FEATURED PRODUCTS

### ABP PERFORATED STRAP WITH ROUNDED EDGE, STANDARD DUTY



- FEATURES**
- Steel perforated mounting strap
  - Enclosed in plastic case

Material: Steel  
Finish: Pregalvanized

Part Number	Article Number	Width	Length	Thickness	Hole Size	Static Load
ABP12PG	583920	12 mm	10 m	0.8 mm	5 mm	560 N
ABP17PG	583930	17 mm	10 m	0.8 mm	7 mm	800 N
ABP26PG	583940	26 mm	10 m	1.0 mm	8 mm	1,800 N

Material: Stainless Steel 304 (EN 1.4301)

Part Number	Article Number	Width	Length	Thickness	Hole Size	Static Load
ABP12S4	584020	12 mm	10 m	0.8 mm	5 mm	700 N



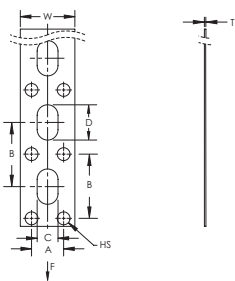
### BP PERFORATED STRAP WITH STRAIGHT EDGE, LIGHT DUTY



- FEATURES**
- Strapping to support cable or conduit runs

Material: Steel  
Finish: Pregalvanized

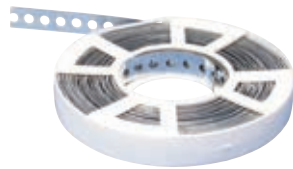
Part Number	Article Number	Width W	Thick-ness T	Hole Size HS	A	B	C	D	Static Load F
BP17PG	591350	17 mm	0.6 mm	3 mm	10 mm	20 mm	6.5 mm	11 mm	500 N
BP25PG	591360	25 mm	0.8 mm	4 mm	15 mm	33 mm	8.5 mm	21 mm	750 N



# Hammer-on Concrete Nail with Collar

## FEATURED PRODUCTS

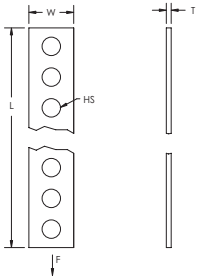
### SBP PERFORATED STRAP WITH STRAIGHT EDGE, STANDARD DUTY



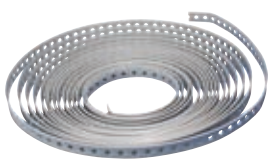
Material: Steel  
Finish: Pregalvanized

Part Number	Article Number	Width W	Length L	Thickness T	Hole Size HS	Static Load F
SBP17	400429	17 mm	10 m	1 mm	6.5 mm	800 N

- FEATURES**
- Enclosed in plastic case

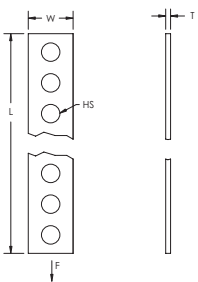


### SBP-C PERFORATED STRAP WITH STRAIGHT EDGE, PLASTIC COATED



Material: Steel; Polyvinylchloride  
Finish: Pregalvanized

Part Number	Article Number	Width W	Length L	Thickness T	Hole Size HS	Static Load F
SBPC19	400430	19 mm	10 m	3 mm	6.5 mm	750 N



# nVent CADDY Metal Decking Solutions



Dovetail Mount Cable Snap Clip Adaptor



Multi-Cable to Deck Clip



Dovetail Deck Hanger



Wedge Nuts

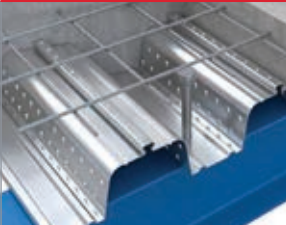



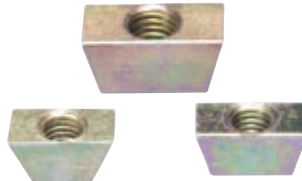






Electrical/Datacom

Tool-Free

Mechanical



Overview Table

			Some Popular Metal Deckings	SCD 12-17 188170	SCD 17-22 188180	QSC 12-17 188175	QSC 17-22 188185	GTD 12-17 160340	GTD 17-22 160470	HW4 187260	HW6 187270	HW8 187280	HW10 187290	HW12 187300	PHWC6 196240	PHWC8 196250
																
Some Metal Decking Manufacturers		Comflor 51+	✓		✓		✓	✓	✓	✓	✓	✓	✓			
		Comflor 60/75	✓		✓		✓							✓	✓	
		Comflor 80/95	✓		✓		✓							✓	✓	
		Ribdeck 80	✓		✓		✓							✓	✓	
		R51+	✓		✓		✓	✓	✓	✓	✓	✓				
		Multideck 50	✓		✓		✓	✓	✓	✓	✓	✓				
		Metfloor 55	✓		✓		✓	✓	✓	✓	✓	✓				
	Thread Size		–	–	–	–	M10	M10	M4	M6	M8	M10	M12	M6	M8	
	Applications		Cable or conduit support		Cable Support				Threaded rod or threaded component support							
Application Type		Electrical/ Datacom	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Mechanical					✓	✓	✓	✓	✓	✓	✓	✓	✓	

Dovetail Mount Cable Snap Clip Adaptor

SCD DOVETAIL MOUNT CABLE SNAP CLIP ADAPTOR

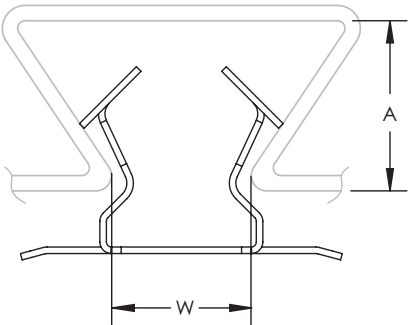


FEATURES

- Adaptor to fix up to two 24SC snap clips to a dovetail deck
- Provides support for low voltage cables

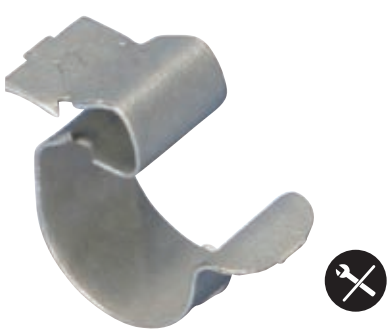
Material: Spring Steel  
Finish: nVent CADDY Armour

Part Number	Article Number	Width W	A
SCD1217	188170	12 – 17 mm	14 mm Min
SCD1722	188180	17 – 22 mm	14 mm Min



Dovetail Mount Cable Snap Clip Adaptor

SC CABLE SNAP CLIP

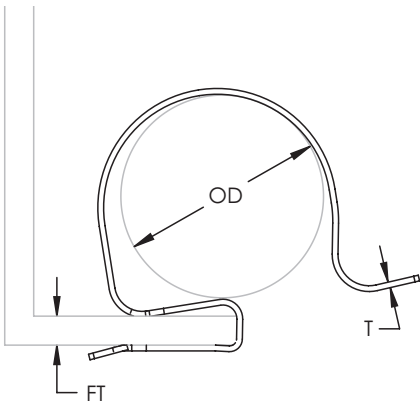


FEATURES

- Easily combines with SCD Dovetail Mount Cable Snap Clip Adaptor to support cable from dovetail metal decking
- Easily supports cable from flanges
- Requires only a hammer to install

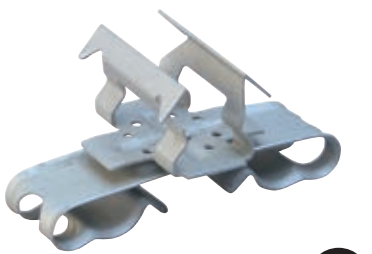
Material: Spring Steel  
Finish: nVent CADDY Armour

Part Number	Article Number	Flange Thickness FT	Outer Diameter OD	Thickness T	Standard Packaging Quantity
24SC67	187510	2 – 4 mm	6 – 7 mm	0.6 mm	100 pc
24SC78	187710	2 – 4 mm	7 – 8 mm	0.6 mm	100 pc
24SC89	187530	2 – 4 mm	8 – 9 mm	0.6 mm	100 pc
24SC910	187750	2 – 4 mm	9 – 10 mm	0.6 mm	100 pc
24SC1011	187550	2 – 4 mm	10 – 11 mm	0.6 mm	100 pc
24SC1011R25	191001	2 – 4 mm	10 – 11 mm	0.6 mm	4 x 25 pc
24SC1214	187570	2 – 4 mm	12 – 14 mm	0.6 mm	100 pc
24SC1214R25	191002	2 – 4 mm	12 – 14 mm	0.6 mm	4 x 25 pc
24SC1518	187590	2 – 4 mm	15 – 18 mm	0.6 mm	100 pc
24SC1518R25	191003	2 – 4 mm	15 – 18 mm	0.6 mm	4 x 25 pc
24SC1924	187610	2 – 4 mm	19 – 24 mm	0.6 mm	100 pc
24SC1924R25	191004	2 – 4 mm	19 – 24 mm	0.6 mm	4 x 25 pc
24SC2530	187630	2 – 4 mm	25 – 32 mm	0.6 mm	100 pc
24SC2530R25	191005	2 – 4 mm	25 – 32 mm	0.6 mm	4 x 25 pc



# Multi-Cable to Deck Clip

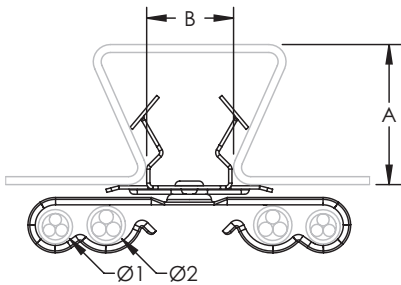
## SCD MULTI-CABLE TO DECK CLIP



- FEATURES**
- Provides support for low voltage cables
  - Flared edges for cable protection
  - Rotates 360 degrees to support various directional runs of cable
  - No tools required for installation

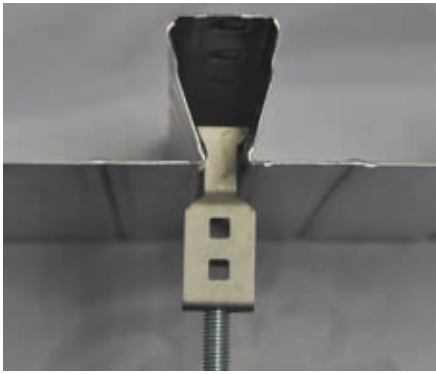
Material: Spring Steel  
Finish: nVent CADDY Armour

Part Number	Article Number	Cable Capacity	Diameter 1 Ø1	Diameter 2 Ø2	A	B
SCD1217QSC	188175	4	7 – 8 mm	8 – 12 mm	14 mm Min	12 – 17 mm
SCD1722QSC	188185	4	7 – 8 mm	8 – 12 mm	14 mm Min	17 – 22 mm



# Dovetail Deck Hanger

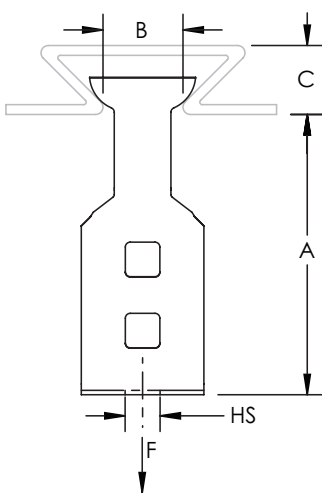
## GTD DOVETAIL DECK HANGER



- FEATURES**
- Supports rod from decking

Material: Spring Steel  
Finish: nVent CADDY Armour

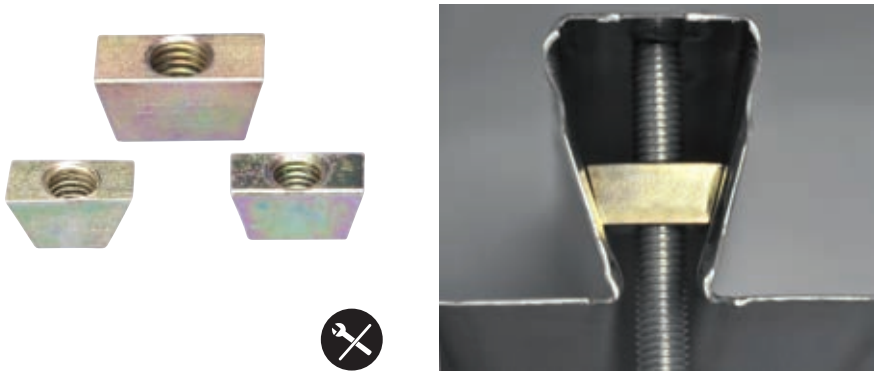
Part Number	Article Number	Hole Size HS	Hole Type	A	B	C	Static Load F
M10GTD1217	160340	M10	Threaded	55 mm	12 – 17 mm	14 mm Min	900 N
M10GTD1722	160370	M10	Threaded	55 mm	17 – 22 mm	16 mm Min	900 N





Wedge Nuts

HW WEDGE NUT FOR DOVETAIL DECK HANGER

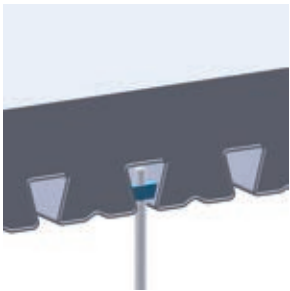
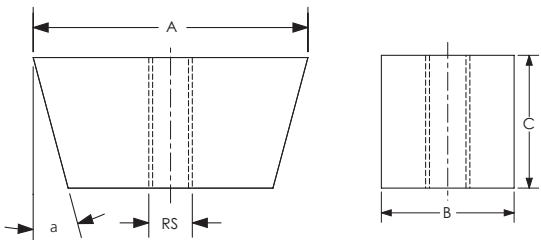


FEATURES

- Trapeze nut for hanging from steel ceilings
- Installs easily
- Fits several composite floor decking profiles

Material: Steel  
Finish: Electrogalvanized

Part Number	Article Number	Rod Size RS	Angle a	A	B	C	Static Load F
HW4	187260	M4	15°	25 mm	12.0 mm	12.0 mm	–
HW6M	188740	M6	15°	19 mm	9.5 mm	9.5 mm	1,200 N
HW6	187270	M6	15°	25 mm	12.0 mm	12.0 mm	1,200 N
PHW6	188840	M6	25°	18 mm	9.5 mm	9.5 mm	1,200 N
PHWC6	196240	M6	25°	18 mm	9.5 mm	9.5 mm	1,200 N
HW8M	188780	M8	15°	19 mm	9.5 mm	9.5 mm	1,700 N
HW8	187280	M8	15°	25 mm	12.0 mm	12.0 mm	1,700 N
PHWC8	196250	M8	25°	18 mm	9.5 mm	9.5 mm	1,700 N
HW10SR	188820	M10	12°	21 mm	13.0 mm	10.0 mm	2,100 N
HW10	187290	M10	15°	25 mm	12.0 mm	12.0 mm	2,100 N
HW12	187300	M12	15°	25 mm	16.0 mm	16.0 mm	2,100 N



nVent CADDY Plastic Solutions



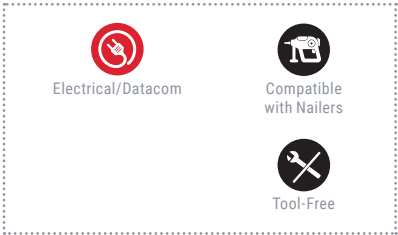
Plastic Conduit  
Clamps and Clips





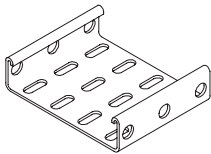
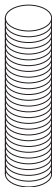
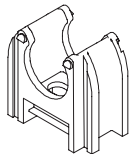
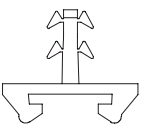
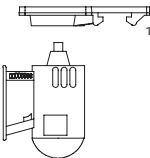

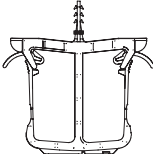


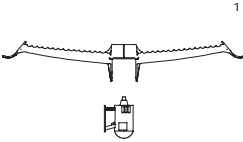
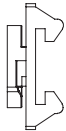
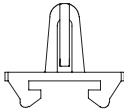
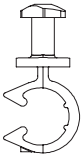
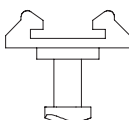
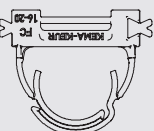
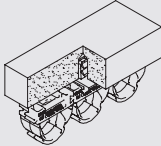
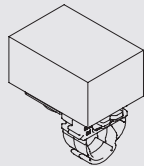
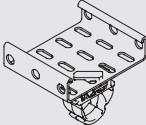
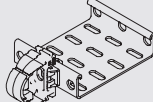

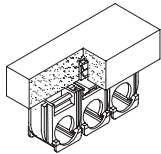
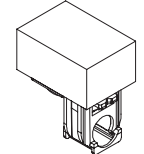
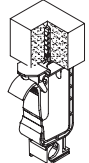
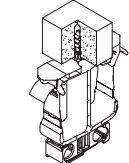
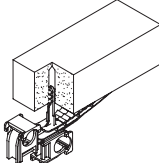
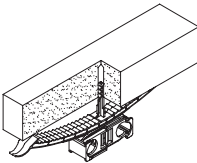
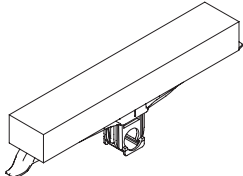
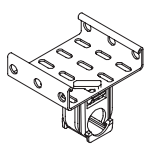
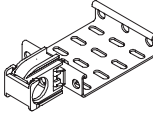
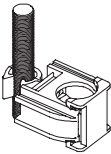
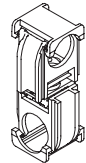
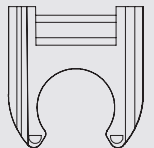
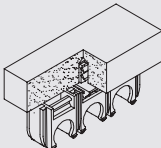
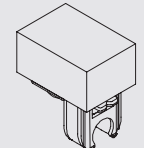
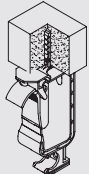
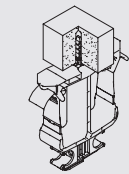
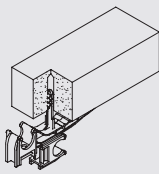
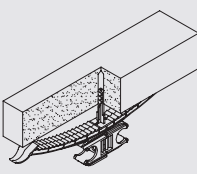
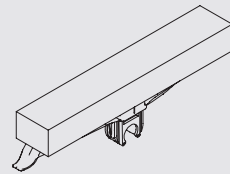
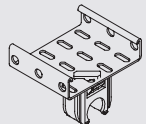
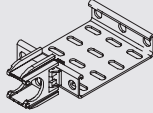
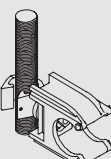
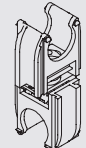

Plastic Cable  
Clamps and Clips



Plastic Accessories



Overview Table

nVent CADDY Plastic Solutions			Concrete					Brickwork					
													
			SCESD	SCESP	SCSH25	SCSH50	SCKB10	SCKB20	SCKBS	SCEDV	SCESV	SCSGC	SCECV
													
	SCFC				-	-	-	-	-			-	-
	SCUVB												
SCEC													
Application Type		Electrical/Datacom	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

<sup>1</sup> Works with the majority of nailers including Hilti® BX3-ME, Hilti® GX3-ME, SPIT® PULSA 700E, SPIT® PULSA 800E, Wurth DIGA CS-2 POWER or equivalent nail guns.

Plastic Conduit Clamps and Clips

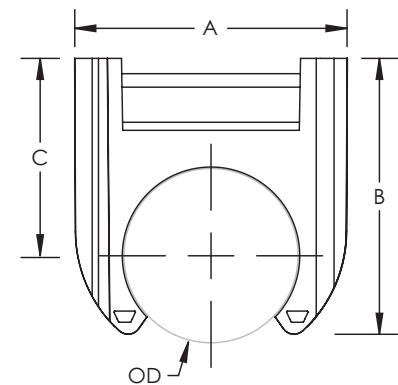
PLASTIC CONDUIT CLIP



- FEATURES**
- Push-in installation of conduit
  - Compatible with different structural attachment components to accommodate a variety of structures including concrete, brick, plywood, cable tray, spring steel fasteners and threaded rod
  - Snap-together clips can be easily assembled to limit the number of fixing points to structure
  - Halogen free
  - UV-stabilized

Material: Acrylonitrile Butadiene Styrene  
Temperature: from -20 to +85 °C

Part Number	Article Number	Outer Diameter OD	A	B	C
SCEC16HO	800000	16 mm	26 mm	27 mm	20 mm
SCEC20HO	800001	20 mm	30 mm	31 mm	22 mm
SCEC25HO	800002	25 mm	35 mm	34 mm	24 mm
SCEC32HO	800003	32 mm	43 mm	39 mm	28 mm
SCEC40HO	800004	40 mm	54 mm	45 mm	32 mm
SCEC50HO	800005	50 mm	66 mm	56 mm	38 mm



Plastic Conduit Clamps and Clips

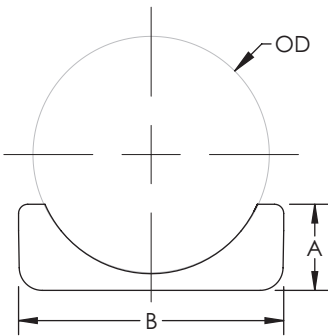
PLASTIC CONDUIT CLIP BRACKET



- FEATURES**
- Securely holds conduit in plastic conduit clips
  - Halogen free
  - UV-stabilized

Material: Acrylonitrile Butadiene Styrene  
Temperature: from -20 to +85 °C

Part Number	Article Number	Outer Diameter OD	A	B
SCUVB16	800006	16 mm	7 mm	20 mm
SCUVB20	800007	20 mm	7 mm	23 mm
SCUVB25	800008	25 mm	9 mm	29 mm
SCUVB32	800009	32 mm	12 mm	37 mm
SCUVB40	800010	40 mm	16 mm	47 mm
SCUVB50	800011	50 mm	16 mm	58 mm





Plastic Conduit Clamps and Clips

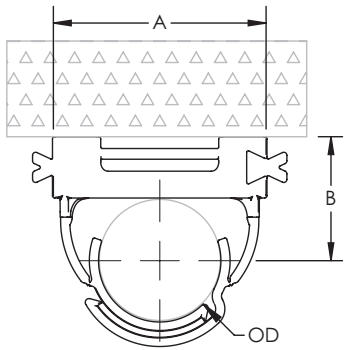
FLEXIBLE PLASTIC CONDUIT CLAMP



- FEATURES**
- Push-in installation of conduit
  - Flexible clamping design aocommodates multiple conduit sizes using one clamp
  - Compatible with different structural attachment components to accommodate a variety of structures including concrete, brick, plywood, cable tray, spring steel fasteners and threaded rod
  - Snap-together clips can be easily assembled to limit the number of fixing points to structure
  - Low-profile allows for installations in tight spaces
  - Halogen free
  - UV-stabilized

Material: Polypropylene  
Temperature: from -10 to +85 °C

Part Number	Article Number	Outer Diameter OD	A	B
SCFC1620	800020	16 – 20 mm	32 mm	16.0 – 18.0 mm
SCFC2025	800021	20 – 25 mm	32 mm	18.0 – 20.5 mm
SCFC2532	800022	25 – 32 mm	32 mm	20.5 – 24.0 mm
SCFC3240	800023	32 – 40 mm	32 mm	24.0 – 28.0 mm
SCFC4050	800024	40 – 50 mm	32 mm	28.0 – 33.0 mm



Plastic Conduit Clamps and Clips

CONNECTING PLATE FOR NAIL GUN

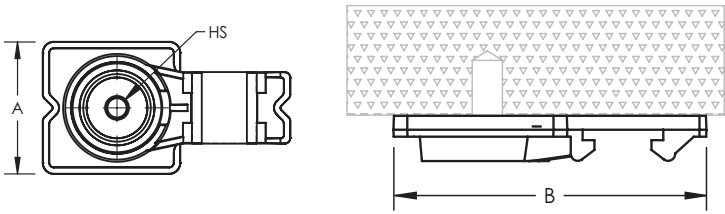


- FEATURES**
- For installation of plastic conduit clamps and clips on concrete surface using a nail gun
  - Clips onto the nail gun nozzle allowing for a safe hands-off installation
  - Supports up to three plastic conduit clips or clamps with a single structural attachment
  - Halogen free
  - UV-stabilized

Material: Nylon  
Temperature: from -20 to +85 °C

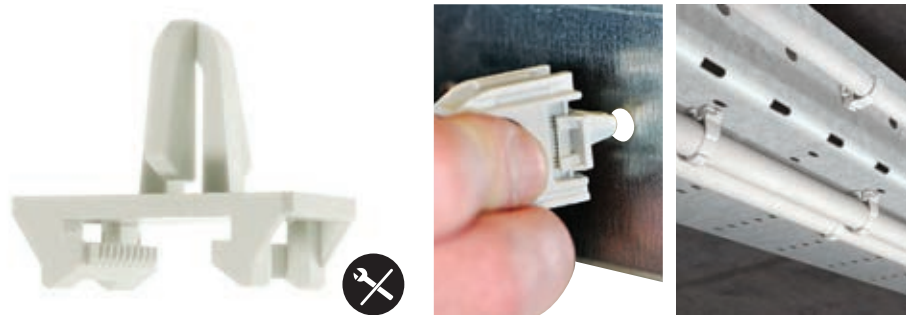
Part Number	Article Number	Hole Size HS	A	B
SCESP	800038	3.5 mm	24 mm	45 mm

Works with the majority of nailers including Hilti® BX3-ME, Hilti® GX3-ME, SPIT® PULSA 700E, SPIT® PULSA 800E, Würth DIGA CS-2 POWER or equivalent nail guns.



# Plastic Conduit Clamps and Clips

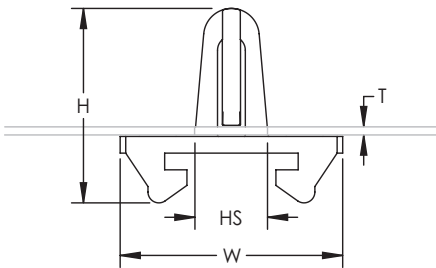
## PUSH-IN INSERT FOR SHEET METAL



- FEATURES**
- For installation of plastic conduit clamps and clips on cable trays or spring steel fasteners with holes
  - Halogen free
  - UV-stabilized

Material: Nylon  
Temperature: from -20 to +85 °C

Part Number	Article Number	Height H	Width W	Thickness T	Hole Size HS
SCESV	800034	18 mm	20 mm	0.5 – 1.1 mm	6 – 8 mm



# Plastic Conduit Clamps and Clips

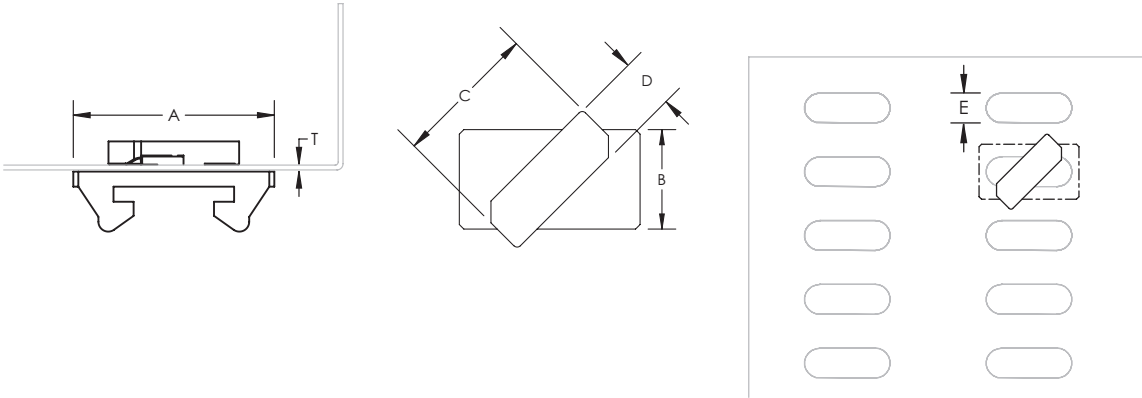
## TWIST-IN INSERT FOR PERFORATED CABLE TRAY



- FEATURES**
- For installation of plastic conduit clamps and clips on cable trays with slots
  - Halogen free
  - UV-stabilized

Material: Nylon  
Temperature: from -20 to +85 °C

Part Number	Article Number	A	B	C	D	E	Thickness T
SCEDV	800035	20 mm	11 mm	16 mm	6 mm	6 – 9 mm	0.5 – 1.1 mm



Plastic Conduit Clamps and Clips

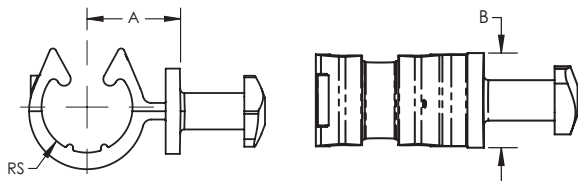
THREADED ROD CLIP



- FEATURES**
- For installation of plastic conduit clamps and clips on threaded rod
  - Allows for conduit runs either parallel or perpendicular to the threaded rod
  - Halogen free
  - UV-stabilized

Material: Nylon  
Temperature: from -10 to +85 °C

Part Number	Article Number	Rod Size RS	A	B
SCSGC	800036	M8, M10	11 mm	10 mm



Plastic Conduit Clamps and Clips

PUSH-IN INSERT FOR DRYWALL



- FEATURES**
- For installation of plastic conduit clamps and clips onto drywall
  - Tool-free push-in installation after hole has been drilled into the drywall
  - Supports up to three plastic conduit clips or clamps with a single structural attachment
  - Can also be used to fasten cable bundles onto drywall using cable ties
  - Halogen free
  - UV-stabilized

Material: Nylon  
Temperature: from -20 to +85 °C

Part Number	Article Number	Length L	Width W	Drill Hole Diameter	Drill Hole Depth	Static Load F
SCESD11	800030	11 mm	25 mm	6 mm	13 mm	250 N

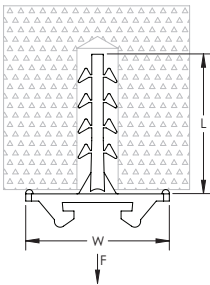
PUSH-IN INSERT FOR CONCRETE



- FEATURES**
- For installation of plastic conduit clamps and clips into concrete
  - Tool-free push-in installation after hole has been drilled into the concrete
  - Supports up to three plastic conduit clips or clamps with a single structural attachment
  - Can also be used to fasten cable bundles in concrete or brick walls using cable ties
  - Halogen free
  - UV-stabilized

Material: Nylon  
Temperature: from -20 to +85 °C

Part Number	Article Number	Length L	Width W	Drill Hole Diameter	Drill Hole Depth	Static Load F
SCESD30	800031	24 mm	25 mm	6 mm	26 mm	250 N
SCESD45	800032	45 mm	25 mm	6 mm	47 mm	250 N
SCESD80	800033	80 mm	25 mm	6 mm	82 mm	250 N





Plastic Conduit Clamps and Clips

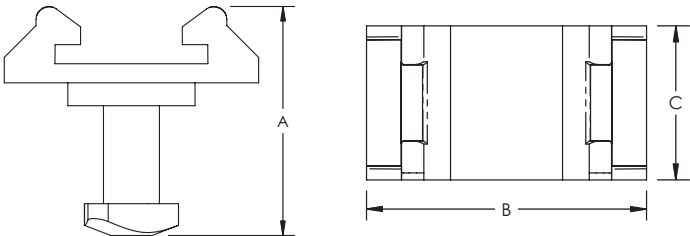
PLASTIC CONDUIT CLIP CONNECTOR



- FEATURES**
- Allows for two plastic conduit clips to be connected back-to-back
  - Ideal for installation in narrow spaces
  - Halogen free
  - UV-stabilized

Material: Nylon  
Temperature: from -20 to +85 °C

Part Number	Article Number	A	B	C
SCECV	800037	18 mm	20 mm	11 mm



Plastic Conduit Clamps and Clips

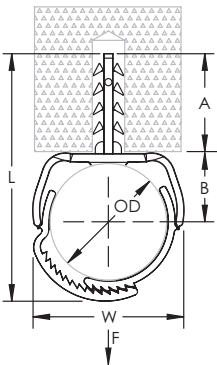
FLEXIBLE PLASTIC CONDUIT CLAMP WITH PLUG



- FEATURES**
- Push-in installation of conduit
  - Flexible clamping design accommodates multiple conduit sizes using one clamp
  - Tool-free push-in installation after hole has been drilled into the concrete or brick
  - Low-profile allows for installations in tight spaces
  - Halogen free
  - UV-stabilized

Material: Polypropylene  
Temperature: from -10 to +85 °C

Part Number	Article Number	Outer Diameter OD	Length L	Width W	A	B	Static Load F
SCUSA1620	800025	16 – 20 mm	54 mm	21.5 mm	21 mm	11.5 mm	170 N
SCUSA2025	800026	20 – 25 mm	61 mm	26.1 mm	21 mm	14.3 mm	170 N
SCUSA2532	800027	25 – 32 mm	81 mm	32.6 mm	21 mm	18.3 mm	170 N
SCUSA3240	800028	32 – 42 mm	82 mm	45.0 mm	21 mm	23.0 mm	170 N



Plastic Cable Clamps and Clips

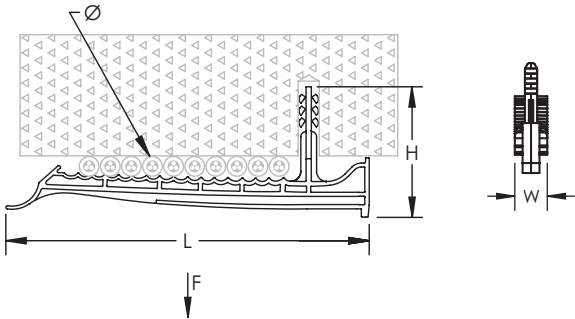
SINGLE CABLE BRACKET WITH PLUG



- FEATURES**
- Ideal for smaller runs of cable
  - Up to two plastic conduit clips can be attached to the bracket allowing the support of cables and conduits using a single hole in the concrete
  - Flexible clip retains shape and allows for cables to be inserted after installation
  - Cables are neatly installed providing a consistent and professional appearance
  - Low-profile allows for installations in tight spaces
  - Tool-free push-in installation after hole has been drilled into the concrete
  - Halogen free
  - UV-stabilized

Material: Polypropylene  
Temperature: from -10 to +85 °C

Part Number	Article Number	Cable Capacity	Diameter Ø	Drill Hole Diameter	Drill Hole Depth	Height H	Length L	Width W	Static Load F
SCKB10	800040	10	10 mm Max	6 mm	30 mm	35 mm	136 mm	15 mm	240 N



Plastic Cable Clamps and Clips

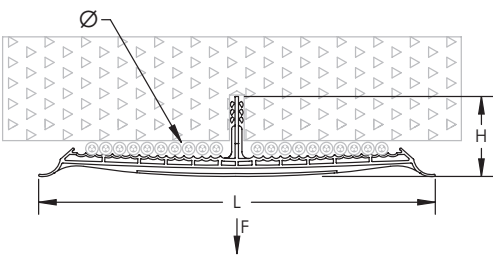
DOUBLE CABLE BRACKET WITH PLUG



- FEATURES**
- Ideal for smaller runs of cable
  - Up to two plastic conduit clips can be attached to the bracket allowing the support of cables and conduits using a single hole in the concrete
  - Flexible clip retains shape and allows for cables to be inserted after installation
  - Cables are neatly installed providing a consistent and professional appearance
  - Low-profile allows for installations in tight spaces
  - Tool-free push-in installation after hole has been drilled into the concrete
  - Halogen free
  - UV-stabilized

Material: Polypropylene  
Temperature: from -10 to +85 °C

Part Number	Article Number	Cable Capacity	Diameter Ø	Drill Hole Diameter	Drill Hole Depth	Height H	Length L	Static Load F
SCKB20	800041	20	10 mm Max	6 mm	30 mm	46 mm	227 mm	240 N



# Plastic Cable Clamps and Clips

## DOUBLE CABLE BRACKET FOR NAIL GUN

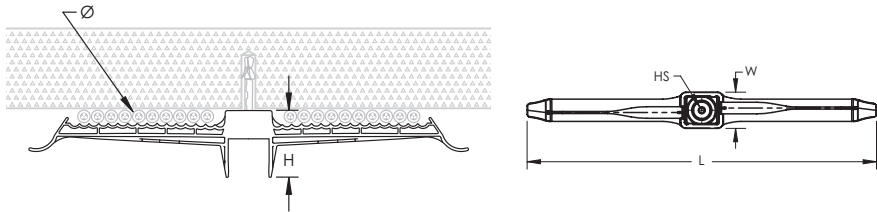


- FEATURES**
- Ideal for smaller runs of cable
  - Up to three plastic conduit clips can be attached to the bracket allowing the support of cables and conduits using a single hole in the concrete
  - Flexible clip retains shape and allows for cables to be inserted after installation
  - Cables are neatly installed providing a consistent and professional appearance
  - Halogen free
  - UV-stabilized

Material: Polypropylene  
Temperature: from -10 to +85 °C

Part Number	Article Number	Cable Capacity	Diameter Ø	Height H	Length L	Width W	Hole Size HS
SCKBS20	800042	20	10 mm Max	36 mm	235 mm	24 mm	3.5 mm

Works with the majority of nailers including Hilti® BX3-ME, Hilti® GX3-ME, SPIT® PULSA 700E, SPIT® PULSA 800E, Würth DIGA CS-2 POWER or equivalent nail guns.



# Plastic Cable Clamps and Clips

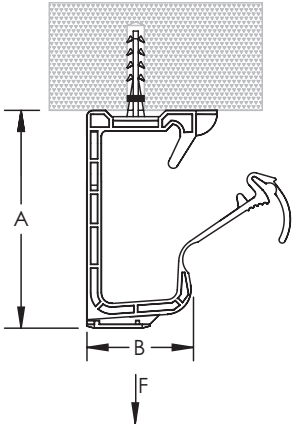
## CABLE HOLDER WITH PLUG



- FEATURES**
- Easy-to-open latch allows cables to be added or removed quickly after installation
  - Tool-free push-in installation after hole has been drilled into the concrete
  - Can be mounted to a wall using the slot on the side of the holder with fixing hardware (not included)
  - Plastic conduit clips can be attached to the holder allowing the support of cables and conduits using a single hole in the concrete
  - Halogen free
  - UV-stabilized

Material: Polypropylene  
Temperature: from -10 to +85 °C

Part Number	Article Number	Cable Capacity	Diameter Ø	Drill Hole Diameter	Drill Hole Depth	A	B	Static Load F
SCSH25	800043	25	10 mm Max	6 mm	30 mm	85 mm	43 mm	190 N





Plastic Cable Clamps and Clips

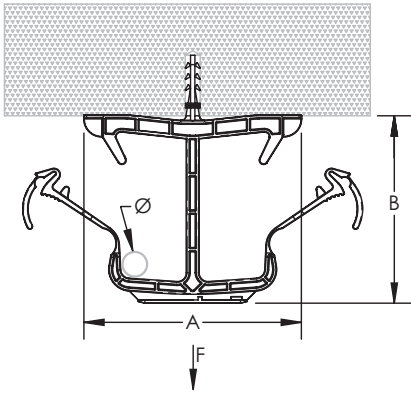
DOUBLE CABLE HOLDER WITH PLUG



- FEATURES**
- Easy-to-open latch allows cables to be added or removed quickly after installation
  - Tool-free push-in installation after hole has been drilled into the concrete
  - Plastic conduit clips can be attached to the holder allowing the support of cables and conduits using a single hole in the concrete
  - Halogen free
  - UV-stabilized

Material: Polypropylene  
Temperature: from -10 to +85 °C

Part Number	Article Number	Cable Capacity	Diameter Ø	Drill Hole Diameter	Drill Hole Depth	A	B	Static Load F
SCSH50	800044	50	10 mm Max	6 mm	30 mm	99 mm	85 mm	200 N



Plastic Cable Clamps and Clips

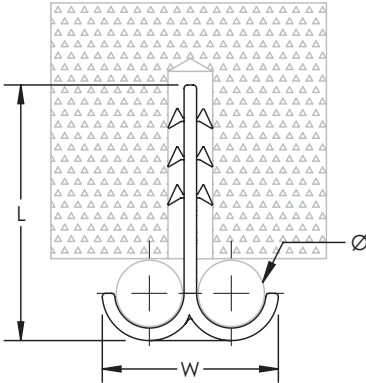
DOUBLE CABLE CLAMP WITH PLUG



- FEATURES**
- For installation of cables directly against concrete surface
  - Discrete low-profile clamp reduces visual impact
  - Halogen free
  - UV-stabilized

Material: Polypropylene  
Temperature: from -10 to +85 °C

Part Number	Article Number	Cable Capacity	Diameter Ø	Drill Hole Diameter	Drill Hole Depth	Length L	Width W
SCDSS10	800060	2	4 – 12 mm	6 mm	30 mm	36 mm	25 mm



Plastic Cable Clamps and Clips

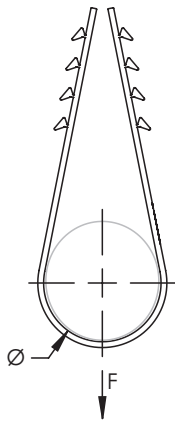
CABLE CLAMP



- FEATURES**
- For installation of single or multiple cables directly against concrete surface
  - Discrete low-profile clamp reduces visual impact
  - Halogen free
  - UV-stabilized

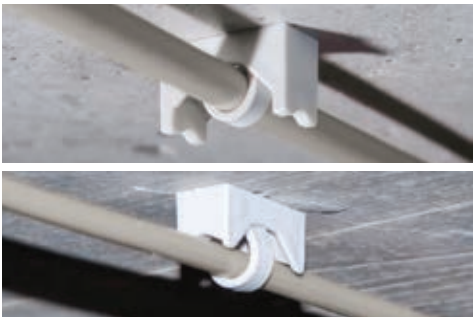
Material: Polypropylene  
Temperature: from -10 to +85 °C

Part Number	Article Number	Diameter Ø	Drill Hole Diameter	Drill Hole Depth	Static Load F
SCDKS313	800050	3 – 13 mm	6 mm	30 mm	170 N
SCDKS620	800051	6 – 20 mm	6 mm	30 mm	170 N
SCDKS828	800052	8 – 28 mm	6 mm	30 mm	170 N
SCDKS2040	800053	20 – 40 mm	6 mm	30 mm	170 N



Plastic Cable Clamps and Clips

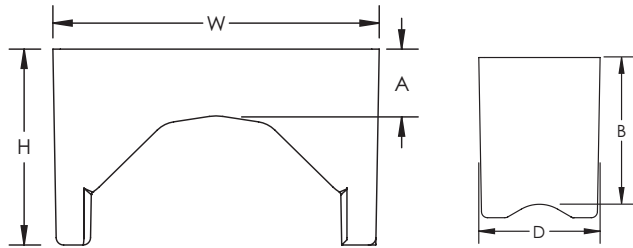
OFFSET MOUNTING BASE FOR CABLE CLAMP



- FEATURES**
- Allows cable to be installed at a fixed distance from concrete when using a cable clamp
  - Can be used in both directions allowing for multiple offset distances
  - Halogen free
  - UV-stabilized

Material: Polypropylene  
Temperature: from -10 to +85 °C

Part Number	Article Number	Height H	Width W	Depth D	A	B
SCFS	800054	13 mm	22 mm	10 mm	8 mm	15 mm



# Plastic Cable Clamps and Clips

## CABLE TIE WITH PLUG

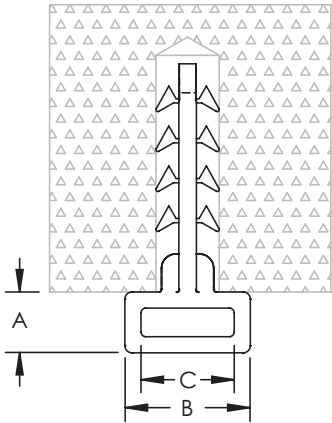


### FEATURES

- Fastens cable bundles in concrete or brick walls using cable ties
- Halogen free
- UV-stabilized

Material: Polypropylene  
Temperature: from -10 to +85 °C

Part Number	Article Number	Drill Hole Diameter	Drill Hole Depth	A	B	C
SCSD30	800058	6 mm	30 mm	6 mm	13 mm	9 mm



# Plastic Cable Clamps and Clips

## FEATURED PRODUCTS



Cable Tie with Plug



Works great with



Mille-Tie



Cable Tie, Nylon





# Plastic Cable Clamps and Clips

## FEATURED PRODUCTS

### MILLE-TIE



#### FEATURES

- Suitable for heavy duty applications
- Maintains cable properties and conductor configuration
- Protects cable from crimping with "Intelligent Grip Technology"
- Cushions vibration
- No sharp edges
- One size fits all
- Reusable

Material: Polyurethane  
Temperature: from -20 to 60 °C

Part Number	Article Number	Type	Length	Color
CATMTLS	181995	Low-Smoke/Halogen Free	300 mm	Yellow



### CABLE TIE, NYLON

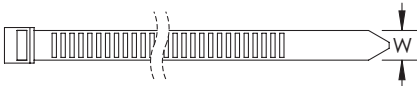


#### FEATURES

- Secures low voltage cables

Material: Polyamide

Part Number	Article Number	Length L	Width W	Color
NCT290B	188140	290 mm	7.9 mm	Black



# Plastic Accessories

## PUSH-IN INSERT

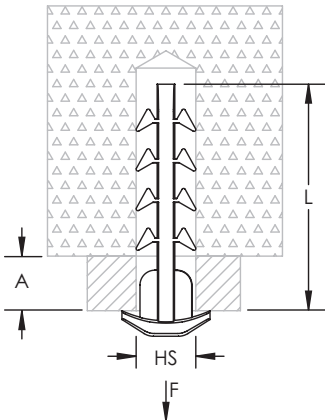


### FEATURES

- For installation of lights, cable trunkings, electrical boxes, smoke detectors directly against concrete surfaces
- Tool-free push-in installation after hole has been drilled into the concrete
- Halogen free
- UV-stabilized

Material: Nylon  
Temperature: from -20 to +85 °C

Part Number	Article Number	Length L	Drill Hole Depth	Hole Size HS	A	Static Load F
SCDSN30	800055	31 mm	30 mm	6 mm	7 mm Max	200 N



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