

Order Guide – 3rd Edition

Fastening Solutions For Drywall, Concrete and Masonry

TOGGLER[®]
HIGH-PERFORMANCE ANCHORS[®]

wej-it[®]

HIGH-PERFORMANCE ANCHORS

HECKMANN[™]
Building Products





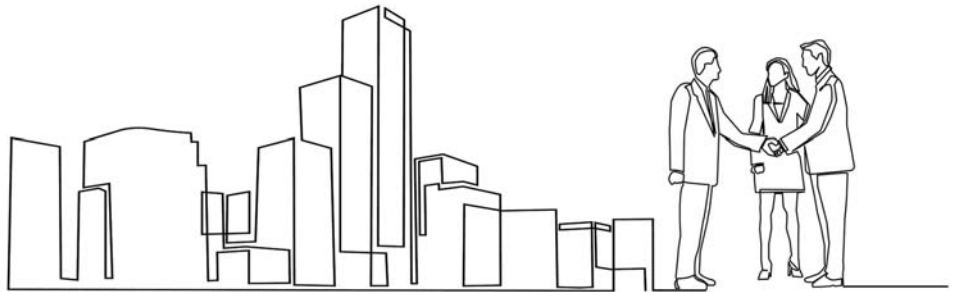
Three Superior Anchor Brands United

TOGGLER[®]
HIGH-PERFORMANCE ANCHORS™

wej-it
HIGH-PERFORMANCE ANCHORS

HECKMANN[™]
Building Products

Three of the oldest and most respected brands in the anchor fastening business are now available together from one convenient source. Together we offer over 200 years of combined proven success and dependability with an expanded product range. We have just one goal for our customers and end-users: the highest quality anchors always at competitive prices, supported by superior customer service.



Our Commitment To You

With the combining of all three brands, we recommit ourselves to bringing all of them to the next level while staying true to our core philosophies:

- Use higher grade raw materials and innovative design features to improve product quality over our already high levels
- Have consistent competitive pricing without sacrificing quality standards
- Synergistically expand product lines to meet specific needs
- Remain privately held and family-owned to maintain close relationships with our customers
- Choose the right partners who value their products and how they do business

TOGGLER[®] continues to invent, improve, and manufacture the highest quality and best performing wall anchors on the market.

- Family-owned and operated since 1968
- The only manufacturer that designs and makes all of its anchors in the USA and puts its name on every anchor.
- Versatile anchors designed to solve real problems on the job site and at home
- Many of the world's largest companies and OEMs package only TOGGLER anchors with their products
- Billions of TOGGLER anchors have been sold with no product liability lawsuits
- Always rely on TOGGLER anchors to work properly the first time, every time!

wej-it[®] revolutionized wedge anchor design with the invention of the Original Wej-It Wedge Anchor, a product that has stood the test of time and to this day is still widely used and trusted by industry professionals. Since 1952 Wej-It continues to expand its complete range of high-quality innovative mechanical and adhesive anchoring products.

Wej-It continually strives to offer a better alternative to commodity anchors. According to our Executive VP: "If you can sell the Ankr-TITE[®] C1035 grade steel wedge anchor for roughly the same price as a generic grade 2 steel wedge anchor, why wouldn't distributors sell the better product?"

HECKMANN[™] where innovation in masonry anchors and wall systems has been a family tradition since 1923. Heckmann's Original Pos-I-Tie[®], a two-piece system for attaching brick and stone veneer to various existing backups, was the first masonry anchor to incorporate a barrel-screw to penetrate exterior insulation, allowing easy installation using an ordinary drill with a special chuck adapter.

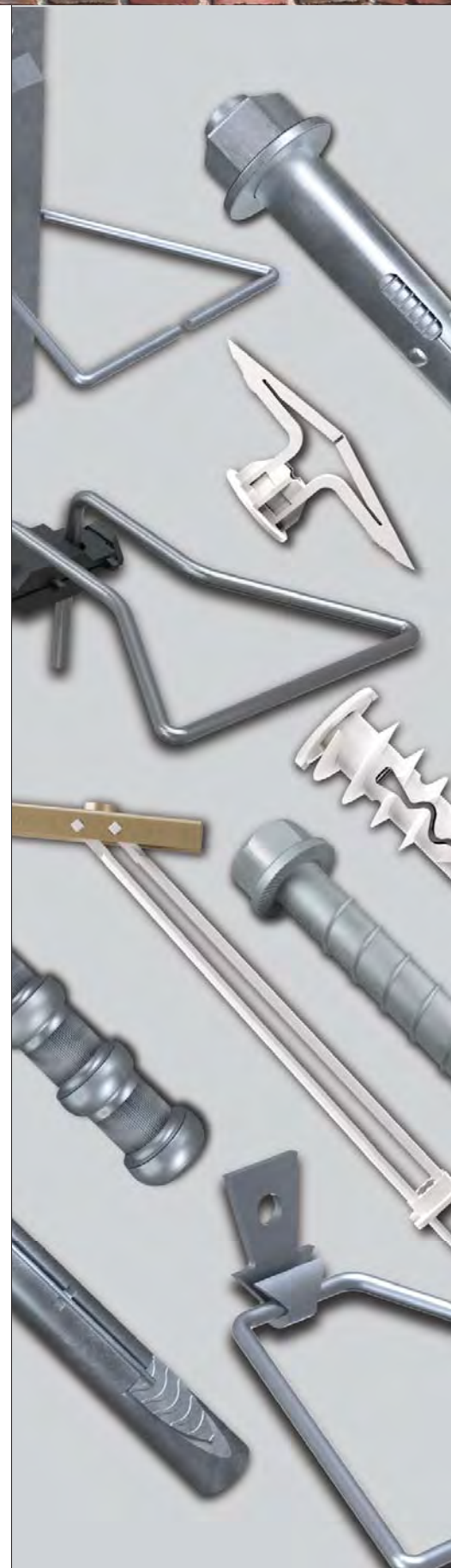


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wej-it[®]

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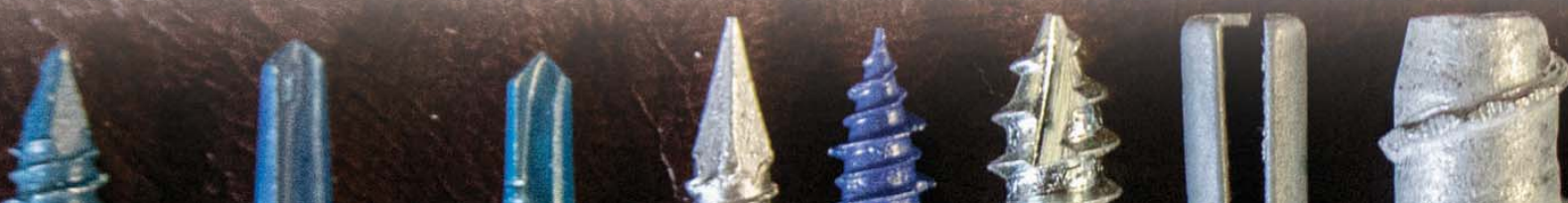


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TOGGLER®



Product Finder



	Base Material						Screw/Bolt Diameter	Material				Page No.
	Concrete	Solid Masonry	Hollow Masonry	Steel Plate	Drywall	Wood		Zinc-Plated Carbon Steel	304 Stainless Steel	Specially Formulated Polypropylene	Specially Formulated Glass-Filled Nylon	
SNAPTOGGLE ® Heavy-Duty Toggle Bolt			■	■	■	■	3/16" – 1/2"	✓	✓			8
SnapSkru ® Self-Drilling Drywall Anchor					■		#6 – #10				✓	10
ALLIGATOR ® All-Purpose Anchor	■	■	■	■	■	▲	#4 – 3/8"			✓		12
TOGGLER ® Plastic Toggle Anchor	▲	▲	▲	■	■	▲	#6 – #14			✓		14

Suitable ■ May be Suitable ▲ Available ✓



SNAPTOGGLE® Heavy-Duty Toggle Bolt

With their metal-to-metal fastening and patented, ergonomic strap design, SNAPTOGGLE anchors allow faster installation and higher loads than standard wing toggle anchors.

Features and Benefits

- **Provides high holding values** up to twice the load of standard wing toggles
 - Resists vibration and shock
- **Requires 50% smaller hole size** than standard wing toggles
 - Maintains integrity of wall, ceiling, or floor
- **Solid metal channel** secures the bolt
 - Can use a screw gun after setting first thread by hand – anchor won't spin
 - Bolt threads never touch interior surface of hole, avoiding damage
 - Will not fall behind the wall when the bolt is removed, allowing the bolt to be reinstalled as often as desired
 - Allows use of a shorter bolt than standard wing or gravity toggles
- **Plating is 7x more corrosion-resistant** than B633-85 Type III/SC 1 government spec high-quality zinc plating
- **Strong, ergonomic strap design**
 - Will not break prematurely during installation
 - Provides smaller ratchet intervals to adjust more precisely and snap off flush to surface
 - Finger grips provide more natural handling without slipping



Materials/Finishes

- **Channel:** Yellow zinc-plated cold rolled steel or 304 stainless steel
 - Metal Channel is RoHS-Compliant
- **Straps and handle:** High-impact polystyrene
- **Cap:** Translucent polypropylene co-polymer

Applications

- Drywall/wallboard
- Steel plate
- Hollow masonry/CMU
- Wood
- All hollow materials

Installation



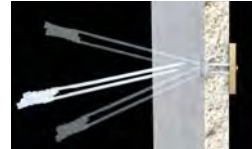
1. Slide metal channel into the pre-drilled hole



2. Hold ends of straps and pull toward you until channel rests flush behind wall or ceiling



3. Pull back on straps and slide plastic cap along straps until flange of cap is flush with wall or ceiling



4. Push straps side to side, snapping off straps level with wall, then discard straps



5. Place item over flange. Insert bolt through item and tighten until flush against item, then stop

SNAPTOGGLE® Heavy-Duty Toggle Bolt

Zinc-Plated Carbon Steel Channels

Catalog Number	Style	Drill Dia. (in.)	Thread Size	Bolts Included*	Grip Range (in.)	Box/Bag (pcs.)	Master Carton (pcs.)
24013	BA	1/2	3/16-24	–	3/8 – 3-5/8	100	1000
24100	BA	1/2	3/16-24	Round Head	3/8 – 3-5/8	100	1000
24150	BA	1/2	3/16-24	Flat Head	3/8 – 3-5/8	100	1000
55150	BA	1/2	3/16-24	Round Head	3/8 – 3-5/8	30	150
25013	BA	1/2	3/16-24	–	3/8 – 3-5/8	50	500
50375	BA	1/2	3/16-24	Round Head	3/8 – 3-5/8	10	120
50350	BA	1/2	3/16-24	Round Head	3/8 – 3-5/8	2	200
24014	BB	1/2	1/4-20	–	3/8 – 3-5/8	100	1000
24200	BB	1/2	1/4-20	Round Head	3/8 – 3-5/8	100	500
24250	BB	1/2	1/4-20	Flat Head	3/8 – 3-5/8	100	500
55175	BB	1/2	1/4-20	Round Head	3/8 – 3-5/8	30	150
25014	BB	1/2	1/4-20	–	3/8 – 3-5/8	50	500
50425	BB	1/2	1/4-20	Round Head	3/8 – 3-5/8	10	120
50400	BB	1/2	1/4-20	Round Head	3/8 – 3-5/8	2	200
21017	BE	3/4	5/16-18	–	3/8 – 2-1/2	25	250
21015	BC	3/4	3/8-16	–	3/8 – 2-1/2	25	250
21016	BD	3/4	1/2-13	–	3/8 – 2-1/2	25	250
25029	BM5 Metric	1/2	M5 (5 mm)	–	3/8 – 3-5/8	50	500
25024	BM6 Metric	1/2	M6 (6 mm)	–	3/8 – 3-5/8	50	500
21031	BM8 Metric	3/4	M8 (8 mm)	–	3/8 – 2-1/2	25	250
21035	BM10 Metric	3/4	M10 (10 mm)	–	3/8 – 2-1/2	25	250
21049	BAL Long	1/2	3/16-24	–	3/8 – 9-1/2	50	250
21050	BBL Long	1/2	1/4-20	–	3/8 – 9-1/2	50	250
21064	BM5L Metric Long	1/2	M5 (5 mm)	–	3/8 – 9-1/2	50	250
21025	BM6L Metric Long	1/2	M6 (6 mm)	–	3/8 – 9-1/2	50	250

* All included bolts are 2-1/2" long

304 Stainless Steel Channels

Catalog Number	Style	Drill Dia. (in.)	Thread Size	Bolts Included*	Grip Range (in.)	Box/Bag (pcs.)	Master Carton (pcs.)
24020	BAS	1/2	3/16-24	–	3/8 – 3-5/8	100	1000
25020	BAS	1/2	3/16-24	–	3/8 – 3-5/8	50	500
50435	BAS	1/2	3/16-24	Round Head	3/8 – 3-5/8	2	200
24021	BBS	1/2	1/4-20	–	3/8 – 3-5/8	100	1000
25021	BBS	1/2	1/4-20	–	3/8 – 3-5/8	50	500
50440	BBS	1/2	1/4-20	Round Head	3/8 – 3-5/8	2	200
21022	BCS	3/4	3/8-16	–	3/8 – 2-1/2	25	250
21023	BDS	3/4	1/2-13	–	3/8 – 2-1/2	25	250
25030	BM5S Metric	1/2	M5 (5 mm)	–	3/8 – 3-5/8	50	500
25026	BM6S Metric	1/2	M6 (6 mm)	–	3/8 – 3-5/8	50	500
21032	BM8S Metric	3/4	M8 (8 mm)	–	3/8 – 2-1/2	25	250
21036	BM10S Metric	3/4	M10 (10 mm)	–	3/8 – 2-1/2	25	250
21059	BALS Long	1/2	3/16-24	–	3/8 – 9-1/2	50	250
21060	BBLS Long	1/2	1/4-20	–	3/8 – 9-1/2	50	250
21065	BM5LS Metric Long	1/2	M5 (5 mm)	–	3/8 – 9-1/2	50	250
21061	BM6LS Metric Long	1/2	M6 (6 mm)	–	3/8 – 9-1/2	50	250

* All included bolts are 2-1/2" long

SnapSkru® Self-Drilling Drywall Anchor

A unique, patented design locks symmetrically on wall or ceiling, providing high holding values and vibration resistance.

Features and Benefits

- **Unique anchor tip** prevents wandering for faster starts and more accurate installation – no drill needed
- **Provides highest holding values** over all self-drilling drywall anchors
- **Audible “pop”** indicates correct installation
- **Unique locking action** resists vibration and shock
 - Holds securely in walls and ceilings
- **Built-in “Positive Stop”** resists over-installing
- **Works with a wide range of screw sizes:**
 - SPM MINI: #6, #8 (#6 preferred)
 - SP Regular: #6, #8, #10 (#8 preferred)
- **Designed to minimize damage**
 - Screw can be removed and reinserted into the anchor with no damage to the wall
 - Anchor can be easily backed out, leaving only a clean, small hole



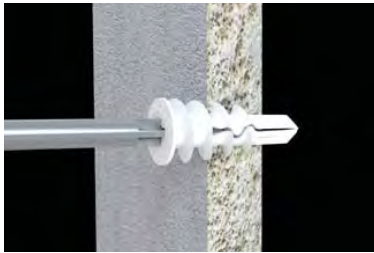
Materials/Finishes

- Injection-molded glass-filled nylon

Applications

- 3/8" – 5/8" Drywall/wallboard

Installation



1. Press tip of anchor into drywall using a #2 Phillips screwdriver or gun. Screw until flush against the wall



2. Place fixture, insert screw and tighten securely



3. Tighten screw flush with item; audible “pop” indicates correct installation

SnapSkru® Self-Drilling Drywall Anchor



Standard Anchor

Catalog Number	Included Screw Size*	Grip Range (in.)	Box/Bag (pcs.)	Master Carton (pcs.)
30010	#8 x 1-1/2 Combo Screws	3/8 – 5/8	100	1000
30011	No Screws	3/8 – 5/8	100	1000
55100	#8 x 1-1/2" Combo Screws	3/8 – 5/8	50	300
50125	#8 x 1-1/2" Combo Screws	3/8 – 5/8	20	200
50100	#8 x 1-1/2" Combo Screws	3/8 – 5/8	4	40

*SMS: Sheet Metal Screw



MINI Anchor

Catalog Number	Included Screw Size*	Grip Range (in.)	Box/Bag (pcs.)	Master Carton (pcs.)
30030	#6 x 1-1/4 Combo Screws	3/8 – 5/8	100	1000
30031	No Screws	3/8 – 5/8	100	1000
55125	#6 x 1-1/4 Combo Screws	3/8 – 5/8	50	300
50175	#6 x 1-1/4 Combo Screws	3/8 – 5/8	25	250
50150	#6 x 1-1/4 Combo Screws	3/8 – 5/8	6	60

*SMS: Sheet Metal Screw

ALLIGATOR® All-Purpose Anchor

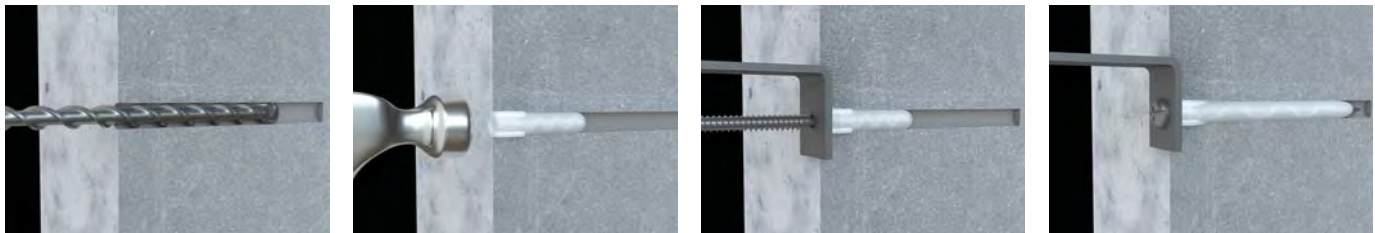
Versatile anchors provide high holding values in all building materials, solid or hollow, from concrete to drywall.

Features and Benefits

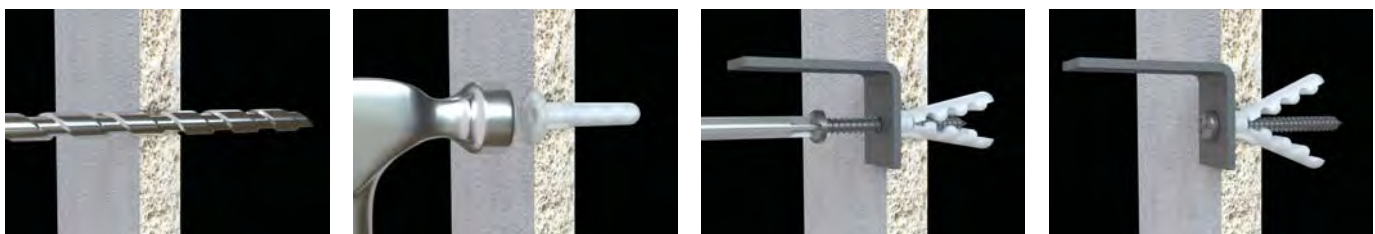
- **Designed for maximum performance in solid or hollow walls:**
 - In solid materials, the anchor expands up to twice its original length
 - » Provides greater holding power; the screw can be removed and reinserted in the same anchor without loss of holding power
 - » Anchor bonds screw to wall, sealing the hole against moisture
 - In hollow materials, the screw engages the anchor's teeth, causing the anchor to expand, pop open and lock on the wall
- **Provides greater holding capacities** than metal anchors
- **Specially-formulated material** absorbs shock and resists vibration
- **Accepts a large range of screw sizes**
- **Uniquely-shaped head** prevents spinning and countersink
 - Can use a screw gun to install
- **Provides more benefits than epoxies**
 - Holds up to 2x more with the same screw diameter and embedment depth
 - Non-toxic
 - Non-corrodible when used with stainless steel screws
 - Sets instantly, with no shelf life limits
 - Odorless
 - Does not sink or sag over time
- **Pre-installs** without the screw
- **Works in indoor and outdoor applications**

Installation

Solid Wall



Hollow Wall



1. Drill the proper size hole

2. Insert anchor in hole and tap flush

3. Place fixture, insert screw and tighten flush to wall

4a. In solid materials the anchor expands up to twice its original length providing greater holding power

4b. In hollow materials the anchor will lock in place



Materials/Finishes

- Specially formulated, inert grade of self-lubricating, translucent, non-corrodible polypropylene

Applications

- Normal weight concrete
- Lightweight concrete
- Solid masonry
- Hollow masonry
- Drywall/wallboard
- Tile over drywall

ALLIGATOR® All-Purpose Anchor



With Flange

Catalog Number	Style	Anchor and Drill Dia. (in.)	Screw Size Range	Included Screw Size*	Box/ Bag (pcs.)	Master Carton (pcs.)
13103	AF5	3/16	#4 – #9	No Screw	200	2000
50450	AF5	3/16	#4 – #9	#8 x 1-1/4	20	200
50445	AF5	3/16	#4 – #9	#8 x 1-1/4	6	60
13101	AF6	1/4	#6 – #12	No Screw	100	1000
50480	AF6	1/4	#6 – #12	#10 x 1-1/2	50	500
50475	AF6	1/4	#6 – #12	#10 x 1-1/2	20	200
50470	AF6	1/4	#6 – #12	#10 x 1-1/2	6	60
13102	AF8	5/16	#8 – #14	No Screw	100	1000
50505	AF8	5/16	#8 – #14	#12 x 1-3/4	50	250
50500	AF8	5/16	#8 – #14	#12 x 1-3/4	20	200
50490	AF8	5/16	#8 – #14	#12 x 1-3/4	6	60

*SMS: Sheet Metal Screw



No Flange

Catalog Number	Style	Anchor and Drill Dia. (in.)	Screw Size Range	Included Screw Size*	Box/ Bag (pcs.)	Master Carton (pcs.)
13106	A5	3/16	#4 – #9	No Screw	200	2000
13104	A6	1/4	#6 – #12	No Screw	100	1000
50460	A6	1/4	#6 – #12	#10 x 1-1/2	6	60
13105	A8	5/16	#8 – #14	No Screw	100	1000
13107	A10	3/8	#10 – #18	No Screw	50	500
50510	A10	3/8	#10 – #18	#14 x 2-1/4	4	40

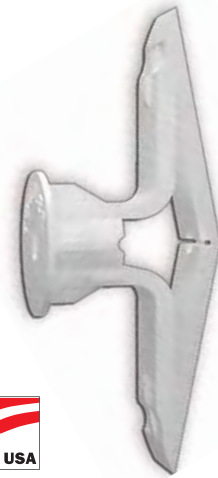
*SMS: Sheet Metal Screw

TOGGLER® Plastic Toggle Anchor

Third-generation design offers a key-activated positive locking system that provides increased holding strength and abuse resistance. There are six styles customized for specific grip ranges and four with special head styles for specific applications.

Features and Benefits

- **Provides highest holding values** over other wall anchors, except for our SNAPTOGGLE Heavy-Duty Toggle Bolt
 - Screw can be removed and reinserted in same anchor without loss of holding power
- **Key-activated positive locking system** increases holding strength and resistance
- **Vibration- and shock-proof** – won't damage walls or ceiling
- **Different styles** allow a versatility of applications; will still work if you hit a stud or solid portion of the wall.
- **Accepts greatest range of screw sizes** in each anchor
- **Anti-rotation fins** prevent spinning even when using a screw gun
- **Pre-installs** without the screw
- **Non-magnetic, non-conductive, non-toxic**
- **Corrosion-proof** when used with stainless steel screws



Materials/Finishes

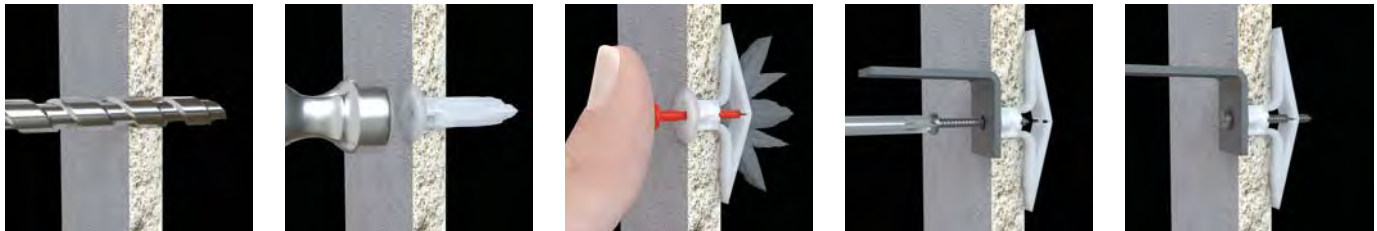
- Specially-formulated non-corrodible polypropylene

Applications

- Drywall/wallboard
- Solid materials (studs, etc.)
- Lightweight concrete

Installation

Hollow Wall



Solid Wall



1. Drill a hole

2. Fold anchor in the middle and insert anchor in hole and tap flush

3. In hollow walls, insert key to pop open anchor behind wall or ceiling. No key necessary for thick or solid walls. Do not hammer key

4. Place item over anchor. Insert screw and tighten until flush with item, then stop

5. Each anchor holds securely, even if it hits an unexpected solid, like a stud

TOGGLER® Plastic Toggle Anchor



Standard

Catalog Number	Style	Drill Bit Size (in.)*	Screw Size Range	Grip Range (in.)	Included Screw Size**	Box / Bag (pcs.)	Master Carton (pcs.)
11009	TA	5/16	#8 - #12	1/8 - 1/4	no screws	100	1000
50275	TA	5/16	#8 - #12	1/8 - 1/4	#8 x 1-1/4	5	50
11010	TB	5/16	#6 - #14	3/8 - 1/2	no screws	100	1000
50300	TB	5/16	#6 - #14	3/8 - 1/2	#8 x 1-1/2	5	50
50525	TB	5/16	#6 - #14	3/8 - 1/2	#8 x 1-1/2	20	200
11011	TC	5/16	#6 - #14	5/8 - 3/4	no screws	100	1000
50325	TC	5/16	#6 - #14	5/8 - 3/4	#8 x 1-3/4	5	50
50550	TC	5/16	#6 - #14	5/8 - 3/4	#8 x 1-3/4	20	200
11021	TD	5/16	#6 - #14	1	no screws	50	500
11029	T35	5/16	#6 - #14	1-3/8	no screws	50	500
11030	T39	5/16	#6 - #14	1-1/2	no screws	25	250

* In very hard materials, like ceramic tile, drill a 3/8" hole.

** SMS: Sheet Metal Screw

Picture Hook Anchor



TH

Shelving Anchor



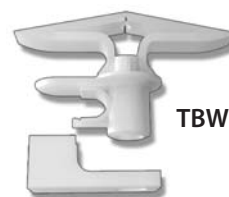
TBS1

Pegboard Anchor



TBS2

Wire Shelf Anchor



TBW

Specialty

Catalog Number	Style	Drill Bit Size (in.)*	Screw Size Range	Grip Range (in.)	Included Screw Size**	Box / Bag (pcs.)	Master Carton (pcs.)
11012	TH	5/16	#6 - #14	3/8 - 1/2	no screws	100	1000
50225	TH	5/16	#6 - #14	3/8 - 1/2	#8 x 1-1/2	5	50
11023	TBS1	5/16	#6 - #14	3/8 - 1/2	no screws	50	500
11022	TBS2	5/16	#6 - #14	3/8 - 1/2	no screws	50	500
50200	TBS2	5/16	#6 - #14	3/8 - 1/2	#8 x 1-3/4	9	90
11024	TBW	5/16	#6 - #14	3/8 - 1/2	no screws	50	500

* In very hard materials, like ceramic tile, drill a 3/8" hole.

** SMS: Sheet Metal Screw

TOGGLER® Kits & More



TOGGLER Kits provide the best selection of high-performance anchors for all of your anchoring needs in a reusable plastic box. The Combo Kit is a great starter pack for home or office. Kits include screws needed for each anchor style.

TOGGLER® Kit

Catalog Number	Description	Master Quantity
57100	Homeowners Kit – 44 Anchors with Screws	6
57125	SnapSku Kit – 50 Anchors with Screws	12
33101	ALLIGATOR Kit – 50 Anchors with Screws	12

TOGGLER 44 Piece High-Performance Combo Kit

- 10 SP® SnapSku® Self-Drilling Drywall Anchors
- 10 SPM SnapSku MINI Self-Drilling Drywall Anchors
- 10 TB® (3/8"-1/2") Plastic Toggle Anchors
- 4 BA (3/16") SNAPTOGGLE® Heavy-Duty Toggle Bolts
- 10 AF6 (1/4") ALLIGATOR® All-Purpose Anchors

Extensive retail program available upon request

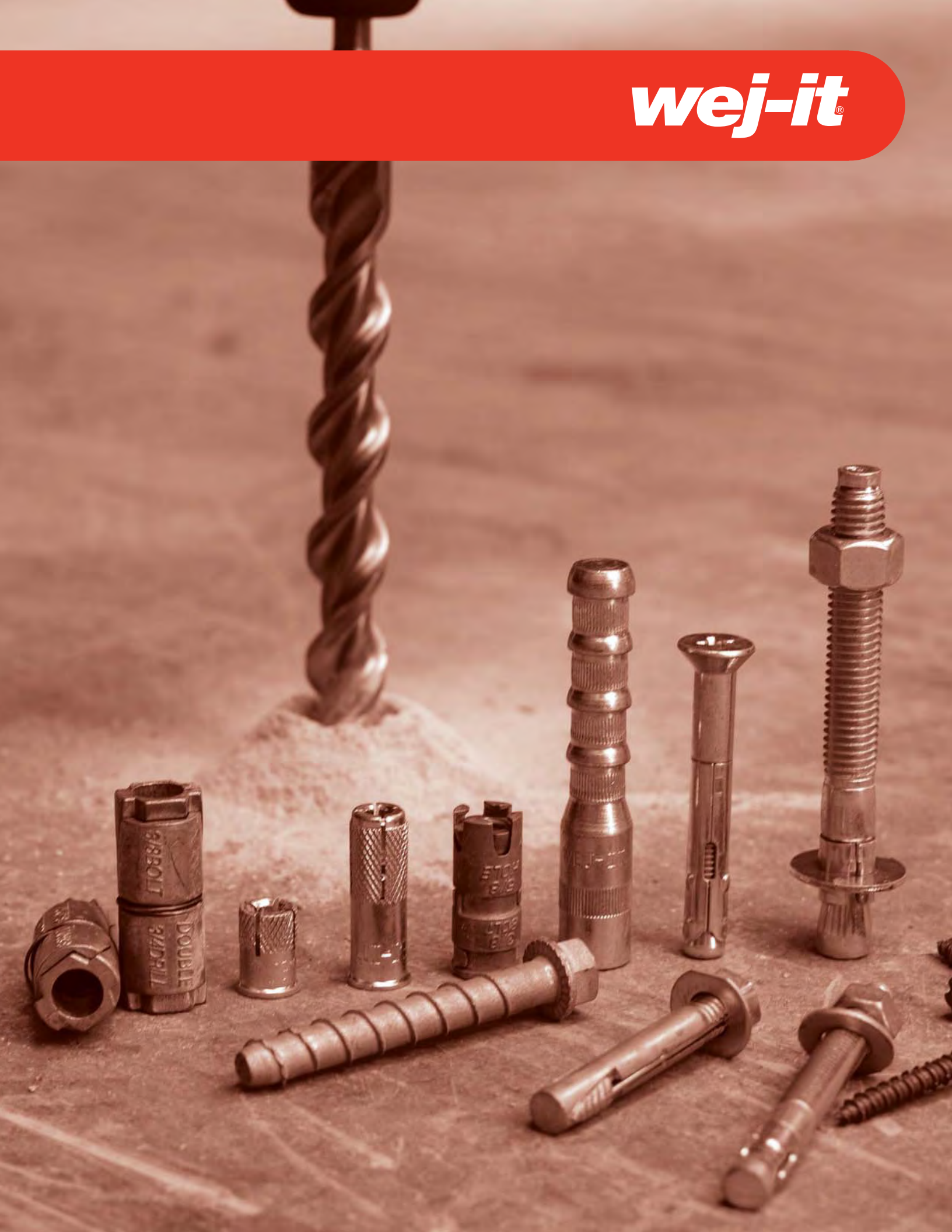


TOGGLER 50 Piece SnapSku Kit

- 25 SP SnapSku Self-Drilling Drywall Anchors
- 25 SPM SnapSku MINI Self-Drilling Drywall Anchors



wej-it[®]



	Base Material								Anchor Diameter	Product Material/ Coating								Page No.		
	Wet Concrete	Cracked Concrete	Normal-Weight Concrete	Lightweight Concrete	Hollow Masonry	Solid Masonry	Steel	Drywall		Wood	Zinc-Plated Carbon Steel	Plain Carbon Steel	Galvanized Steel	304 Stainless Steel	316 Stainless Steel	410 Stainless Steel	Zamac Alloy		R-Blocker Coated	Nylon / Plastic
Expansion Anchors																				
Ankr-TITE® Wedge Anchor			■	■		■			1/4" - 1-1/4"	✓		✓	✓	✓						20
Ankr-TITE® CCAT Wedge Anchor		■	■	■		■			1/4" - 1"	✓										25
Original Wej-it® Wedge Anchor			■	■		■			1/4" - 1"	✓										26
Sleeve-TITE™ Sleeve Anchor			■	■	▲	■			1/4" - 3/4"	✓			✓							27
Threaded Anchors																				
POWER-Skru™ LD Concrete Screw			■	■	▲	■			1/4" - 3/4"	✓		✓		✓						30
Wej-Con® Concrete Screw			■	■	■	■		▲	3/16" - 1/4"				✓		✓		✓			33
Hang-TITE™ Rod Hanger Screw			■	■	■	■	■	■	1/4" - 1/2"	✓										36
Drop-In and Shield Anchors																				
Ultra-Drop™ Drop-In Anchor			■	■		■			1/4" - 7/8"	✓			✓	✓						38
Hollo Set™ Drop-In Anchor			■	■	■	■			1/4" - 1/2"	✓			✓			✓				40
POWER-Drop™ Drop-In Anchor			■	■		■			3/8" - 1"	✓										41
Single Expansion Shield			■	▲					1/4" - 5/8"							✓				42
Double Expansion Shield			■	■	■				1/4" - 5/8"							✓				42
Short Lag Screw Shield			■	▲	▲	■			1/4" - 5/8"							✓				43
Long Lag Screw Shield			■	▲	▲	■			1/4" - 5/8"							✓				43
Machine Screw Shield			■	▲	▲	■			1/4" - 1/2"							✓				43

Suitable ■ May be Suitable ▲ Available ✓

	Base Material								Anchor Diameter	Product Material/ Coating								Page No.		
	Wet Concrete	Cracked Concrete	Normal-Weight Concrete	Lightweight Concrete	Hollow Masonry	Solid Masonry	Steel	Drywall		Wood	Zinc-Plated Carbon Steel	Plain Carbon Steel	Galvanized Steel	304 Stainless Steel	316 Stainless Steel	410 Stainless Steel	Zamac Alloy		R-Blocker Coated	Nylon / Plastic
Drive Pin Anchors																				
Strike-It™ <i>Center Pin Anchor</i>			■	■		■			1/4" - 3/4"	✓										44
Drive-It™ <i>Drive Pin Anchor</i>			■	▲	▲	■			3/16" & 1/4"	✓			✓			✓				45
Screw-In™ <i>Drive Screw Anchor</i>			■	▲	▲	■			1/4"	✓						✓				46
Slam-It™ <i>Split Drive Anchor</i>			■	■					1/4"	✓		✓								47
Pound-It™ <i>Drive Anchor</i>			■	■		■			3/16" - 3/8"	✓				✓						48
Concrete Accessories																				
L-Bolt Anchor	■								1/2" - 1"		✓	✓								50
Wej-it Hollow Wall Anchors																				
Standard Wing Toggle					■			■	1/8" - 3/8"	✓										51
Self-Drilling Drywall Anchor								■	#6 - #8 screws							✓		✓		51
Adhesive Anchors																				
POWER-Set™ <i>Adhesive Insert Anchor</i>		■	■	■		■			1/4" - 1"	✓			✓	✓						52
Inject-TITE™ (AW) <i>All-Weather Adhesive</i>			■	■	■	■			3/8" - 1-1/4" #3 - #10 rebar										✓	54
Inject-TITE™ (FS) <i>Fast-Set Adhesive</i>			■	■	■	■			3/8" - 1-1/4" #3 - #10 rebar										✓	55
Inject-TITE™ (P) <i>Platinum Adhesive</i>		■	■	■	■	■			3/8" - 1-1/4" #3 - #10 rebar										✓	56
Inject-TITE™ (HS) <i>High-Strength Adhesive</i>			■	■	■	■			3/8" - 1-1/4" #3 - #10 rebar										✓	56
Drill Bits																				
All Styles										See descriptions										58

Ankr-TITE® Wedge Anchor

This pre-assembled high-strength, fully threaded, and torque-controlled expansion anchor has a unique safety shoulder in the expansion cone that supports a thick 3-dimple clip engineered to **provide high load carrying capability** and **reduce slip** in a variety of installation conditions. Nut and washer included.

Features and Benefits

- **Length identification code** stamped on head to ease identification pre- and post-installation
- **Dog-point head** prevents point damage during installation
- **Fully threaded anchor body** accommodates various application thicknesses
- **Enlarged 3-dimple clip**
 - Increases response in lightweight concrete and requires fewer rotations to achieve desired torque
 - 360° segment contact on clip equalizes load distribution and increases load-carrying capacity
- **Unique safety shoulder**
 - Supports the 3-dimple clip under maximum and ultimate loads, preventing slippage
 - Similar products have a gradual expansion cone that does NOT have a safety shoulder to support the clip when the anchor is under strain

Materials/Finishes

- Zinc-plated carbon steel
- Hot-dip galvanized
- Type 304 stainless steel
- Type 316 stainless steel

Applications

- Normal weight concrete
- Solid masonry
- Lightweight concrete



Zinc-Plated Carbon Steel

Catalog Number	Anchor Size	Min. Embed.	Thread Length	Box Quantity	Carton Quantity
AT1413	1/4 x 1-3/4	1-1/4	3/4	100	800
AT1421	1/4 x 2-1/4	1-1/4	1-1/4	100	800
AT1431	1/4 x 3-1/4	1-1/4	2-1/4	100	800
AT3821	3/8 x 2-1/4	1-3/4	1	50	400
AT3823	3/8 x 2-3/4	1-3/4	1-1/2	50	400
AT3830	3/8 x 3	1-3/4	1-3/4	50	400
AT3832*	3/8 x 3-1/2	1-3/4	2	50	400
AT3833	3/8 x 3-3/4	1-3/4	2-1/2	50	400
AT3850	3/8 x 5	1-3/4	3-1/4	50	400
AT3870	3/8 x 7	1-3/4	4-1/2	50	300
AT1223	1/2 x 2-3/4	2-1/8	1-1/8	25	200

Ankr-TITE® Wedge Anchor

Zinc-Plated Carbon Steel, *continued*

Catalog Number	Anchor Size	Min. Embed.	Thread Length	Box Quantity	Carton Quantity
AT1233	1/2 x 3-3/4	2-1/8	2-1/8	25	200
AT1241	1/2 x 4-1/4	2-1/8	2-5/8	25	200
AT1242	1/2 x 4-1/2	2-1/8	2-5/8	25	200
AT1252	1/2 x 5-1/2	2-1/8	3-3/4	25	150
AT1270	1/2 x 7	2-1/8	4-1/2	25	150
AT1282	1/2 x 8-1/2	2-1/8	5	10	40
AT1210	1/2 x 10	2-1/8	5	10	40
AT1212	1/2 X 12	2-1/8	5	10	40
AT5832	5/8 x 3-1/2	2-5/8	1-1/2	10	80
AT5841	5/8 x 4-1/4	2-5/8	2-3/8	10	80
AT5842	5/8 x 4-1/2	2-5/8	2-5/8	10	80
AT5850	5/8 x 5	2-5/8	3-1/8	10	80
AT5860	5/8 x 6	2-5/8	4	10	80
AT5870	5/8 x 7	2-5/8	4-1/2	10	80
AT5882	5/8 x 8-1/2	2-5/8	5	10	40
AT5810	5/8 x 10	2-5/8	5	10	40
AT5812	5/8 x 12	2-5/8	5	10	40
AT3441	3/4 x 4-1/4	3-1/4	2	10	80
AT3443	3/4 x 4-3/4	3-1/4	2-1/2	10	80
AT3452	3/4 x 5-1/2	3-1/4	3-1/4	10	60
AT3461	3/4 x 6-1/4	3-1/4	3-3/4	10	60
AT3470	3/4 x 7	3-1/4	4-3/4	10	60
AT3482	3/4 x 8-1/2	3-1/4	5	10	40
AT3410	3/4 x 10	3-1/4	5	10	40
AT3412	3/4 x 12	3-1/4	5	5	20
AT7860	7/8 x 6	3-7/8	3-1/2	5	30
AT7880	7/8 x 8	3-7/8	5	5	20
AT7810	7/8 x 10	3-7/8	5	5	20
AT7812*	7/8 x 12	3-7/8	5	5	20
AT1060	1 x 6	4	3	5	30
AT1090	1 x 9	4	5	5	20
AT1012	1 x 12	4	5	5	20
AT11490	1-1/4 x 9	5-5/8	5	4	12
AT11412	1-1/4 x 12	5-5/8	5	4	12

*Special order



Tie-Wire Anchor: Zinc-Plated Carbon Steel

Catalog Number	Anchor Size	Min. Embed.	Eye Dia.	Box Quantity	Carton Quantity
WTW1421	1/4 x 2-1/4	1-1/4	9/32	100	1000

Ankr-TITE® Wedge Anchor



Hot-Dip Galvanized Steel with 304 SS Clip

Catalog Number	Anchor Size	Min. Embed.	Thread Length	Box Quantity	Carton Quantity
ATG1413	1/4 x 1-3/4	1-1/4	3/4	100	800
ATG1421	1/4 x 2-1/4	1-1/4	1-1/4	100	800
ATG1431	1/4 x 3-1/4	1-1/4	2-1/4	100	800
ATG3821	3/8 x 2-1/4	1-3/4	1	50	400
ATG3823	3/8 x 2-3/4	1-3/4	1-1/2	50	400
ATG3830	3/8 x 3	1-3/4	1-3/4	50	400
ATG3832*	3/8 X 3-1/2	1-3/4	2	50	400
ATG3833	3/8 x 3-3/4	1-3/4	2-1/2	50	400
ATG3850	3/8 x 5	1-3/4	3-1/4	50	400
ATG3870	3/8 x 7	1-3/4	4-1/2	50	300
ATG1223	1/2 x 2-3/4	2-1/8	1-1/8	25	200
ATG1233	1/2 x 3-3/4	2-1/8	2-1/8	25	200
ATG1241	1/2 x 4-1/4	2-1/8	2-5/8	25	200
ATG1242	1/2 x 4-1/2	2-1/8	2-5/8	25	200
ATG1252	1/2 x 5-1/2	2-1/8	3-3/4	25	150
ATG1270	1/2 x 7	2-1/8	4-1/2	25	150
ATG1282	1/2 x 8-1/2	2-1/8	5	10	40
ATG1210	1/2 x 10	2-1/8	5	10	40
ATG1212	1/2 X 12	2-1/8	5	10	40
ATG5832	5/8 x 3-1/2	2-5/8	1-1/2	10	80
ATG5841	5/8 x 4-1/4	2-5/8	2-3/8	10	80
ATG5842	5/8 x 4-1/2	2-5/8	2-5/8	10	80
ATG5850	5/8 x 5	2-5/8	3-1/8	10	80
ATG5860	5/8 x 6	2-5/8	4	10	80
ATG5870	5/8 x 7	2-5/8	4-1/2	10	80
ATG5882	5/8 x 8-1/2	2-5/8	5	10	40
ATG5810	5/8 x 10	2-5/8	5	10	40
ATG5812	5/8 x 12	2-5/8	5	10	40
ATG3441	3/4 x 4-1/4	3-1/4	2	10	80
ATG3443	3/4 x 4-3/4	3-1/4	2-1/2	10	80
ATG3452	3/4 x 5-1/2	3-1/4	3-1/4	10	60
ATG3461	3/4 x 6-1/4	3-1/4	3-3/4	10	60
ATG3470	3/4 x 7	3-1/4	4-3/4	10	60
ATG3482	3/4 x 8-1/2	3-1/4	5	10	40
ATG3410	3/4 x 10	3-1/4	5	10	40
ATG3412	3/4 x 12	3-1/4	5	4	16
ATG7860	7/8 x 6	3-7/8	3-1/2	4	24
ATG7880	7/8 x 8	3-7/8	5	4	16
ATG7810	7/8 x 10	3-7/8	5	4	16
ATG7812*	7/8 X 12	3-7/8	5	5	20
ATG1060	1 x 6	4	3	4	24
ATG1090	1 x 9	4	5	4	16
ATG1012	1 x 12	4	5	4	16
ATG11490	1-1/4 x 9	5-5/8	5	4	12
ATG11412	1-1/4 x 12	5-5/8	5	4	12

* Special Order

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Ankr-TITE® Wedge Anchor



Type 304 Stainless Steel

Catalog Number	Anchor Size	Min. Embed.	Thread Length	Box Quantity	Carton Quantity
ATS1413	1/4 x 1-3/4	1-1/4	3/4	100	800
ATS1421	1/4 x 2-1/4	1-1/4	1-1/4	100	800
ATS1431	1/4 x 3-1/4	1-1/4	2-1/4	100	800
ATS3821	3/8 x 2-1/4	1-3/4	1	50	400
ATS3823	3/8 x 2-3/4	1-3/4	1-1/2	50	400
ATS3830	3/8 x 3	1-3/4	1-3/4	50	400
ATS3832*	3/8 x 3-1/2	1-3/4	2	50	400
ATS3833	3/8 x 3-3/4	1-3/4	2-1/2	50	400
ATS3850	3/8 x 5	1-3/4	3-1/4	50	400
ATS3870	3/8 x 7	1-3/4	4-1/2	50	300
ATS1223	1/2 x 2-3/4	2-1/8	1-1/8	25	200
ATS1233	1/2 x 3-3/4	2-1/8	2-1/8	25	200
ATS1241	1/2 x 4-1/4	2-1/8	2-5/8	25	200
ATS1242	1/2 x 4-1/2	2-1/8	2-5/8	25	200
ATS1252	1/2 x 5-1/2	2-1/8	3-3/4	25	150
ATS1270	1/2 x 7	2-1/8	4-1/2	25	150
ATS1282	1/2 x 8-1/2	2-1/8	5	10	40
ATS1210	1/2 x 10	2-1/8	5	10	40
ATS1212	1/2 X 12	2-1/8	5	10	40
ATS5832	5/8 x 3-1/2	2-5/8	1-1/2	10	80
ATS5841	5/8 x 4-1/4	2-5/8	2-3/8	10	80
ATS5842	5/8 x 4-1/2	2-5/8	2-5/8	10	80
ATS5850	5/8 x 5	2-5/8	3-1/8	10	80
ATS5860	5/8 x 6	2-5/8	4	10	80
ATS5870	5/8 x 7	2-5/8	4-1/2	10	80
ATS5882	5/8 x 8-1/2	2-5/8	5	10	40
ATS5810	5/8 x 10	2-5/8	5	10	40
ATS5812	5/8 x 12	2-5/8	5	10	40
ATS3441	3/4 x 4-1/4	3-1/4	2	10	80
ATS3443	3/4 x 4-3/4	3-1/4	2-1/2	10	80
ATS3452	3/4 x 5-1/2	3-1/4	3-1/4	10	60
ATS3461	3/4 x 6-1/4	3-1/4	3-3/4	10	60
ATS3470	3/4 x 7	3-1/4	4-3/4	10	60
ATS3482	3/4 x 8-1/2	3-1/4	5	10	40
ATS3410	3/4 x 10	3-1/4	5	10	40
ATS3412	3/4 x 12	3-1/4	5	5	20
ATS7860	7/8 x 6	3-7/8	3-1/2	5	30
ATS7880	7/8 x 8	3-7/8	5	5	20
ATS7810	7/8 x 10	3-7/8	5	5	20
ATS7812*	7/8 X 12	3-7/8	5	5	20
ATS1060	1 x 6	4	3	5	30
ATS1090	1 x 9	4	5	5	20
ATS1012	1 x 12	4	5	5	20
ATS11490*	1-1/4 x 9	5-5/8	5	4	12
ATS11412*	1-1/4 x 12	5-5/8	5	4	12

* Special Order

Ankr-TITE® Wedge Anchor



Type 316 Stainless Steel

Catalog Number	Anchor Size	Min. Embed.	Thread Length	Box Quantity	Carton Quantity
ATSS1413	1/4 x 1-3/4	1-1/4	3/4	100	800
ATSS1421	1/4 x 2-1/4	1-1/4	1-1/4	100	800
ATSS1431	1/4 x 3-1/4	1-1/4	2-1/4	100	800
ATSS3821	3/8 x 2-1/4	1-3/4	1	50	400
ATSS3823	3/8 x 2-3/4	1-3/4	1-1/2	50	400
ATSS3830	3/8 x 3	1-3/4	1-3/4	50	400
ATSS3832*	3/8 x 3-1/2	1-3/4	2	50	400
ATSS3833	3/8 x 3-3/4	1-3/4	2-1/2	50	400
ATSS3850	3/8 x 5	1-3/4	3-1/4	50	400
ATSS3870	3/8 x 7	1-3/4	4-1/2	50	300
ATSS1223	1/2 x 2-3/4	2-1/8	1-1/8	25	200
ATSS1233	1/2 x 3-3/4	2-1/8	2-1/8	25	200
ATSS1241	1/2 x 4-1/4	2-1/8	2-5/8	25	200
ATSS1242	1/2 x 4-1/2	2-1/8	2-5/8	25	200
ATSS1252	1/2 x 5-1/2	2-1/8	3-3/4	25	150
ATSS1270	1/2 x 7	2-1/8	4-1/2	25	150
ATSS1282	1/2 x 8-1/2	2-1/8	5	10	40
ATSS1210	1/2 x 10	2-1/8	5	10	40
ATSS1212	1/2 X 12	2-1/8	5	10	40
ATSS5832	5/8 x 3-1/2	2-5/8	1-1/2	10	80
ATSS5841	5/8 x 4-1/4	2-5/8	2-3/8	10	80
ATSS5842	5/8 x 4-1/2	2-5/8	2-5/8	10	80
ATSS5850	5/8 x 5	2-5/8	3-1/8	10	80
ATSS5860	5/8 x 6	2-5/8	4	10	80
ATSS5870	5/8 x 7	2-5/8	4-1/2	10	80
ATSS5882	5/8 x 8-1/2	2-5/8	5	10	40
ATSS5810	5/8 x 10	2-5/8	5	10	40
ATSS5812	5/8 x 12	2-5/8	5	10	40
ATSS3441	3/4 x 4-1/4	3-1/4	2	10	80
ATSS3443	3/4 x 4-3/4	3-1/4	2-1/2	10	80
ATSS3452	3/4 x 5-1/2	3-1/4	3-1/4	10	60
ATSS3461	3/4 x 6-1/4	3-1/4	3-3/4	10	60
ATSS3470	3/4 x 7	3-1/4	4-3/4	10	60
ATSS3482	3/4 x 8-1/2	3-1/4	5	10	40
ATSS3410	3/4 x 10	3-1/4	5	10	40
ATSS3412	3/4 x 12	3-1/4	5	5	20
ATSS7860	7/8 x 6	3-7/8	3-1/2	5	30
ATSS7880	7/8 x 8	3-7/8	5	5	20
ATSS7810	7/8 x 10	3-7/8	5	5	20
ATSS7812*	7/8 X 12	3-7/8	5	5	20
ATSS1060	1 x 6	4	3	5	30
ATSS1090	1 x 9	4	5	5	20
ATSS1012	1 x 12	4	5	5	20
ATSS11490*	1-1/4 x 9	5-5/8	5	4	12
ATSS11412*	1-1/4 x 12	5-5/8	5	4	12

* Special Order

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Ankr-TITE® CCAT Wedge Anchor

for Cracked Concrete

Coming Soon

Catalog Number	Anchor Size	Min. Embed.	Thread Length	Box Quantity	Carton Quantity
CCAT1413	1/4 x 1-3/4	1-1/4	3/4	100	800
CCAT1421	1/4 x 2-1/4	1-1/4	1-1/4	100	800
CCAT1431	1/4 x 3-1/4	1-1/4	2-1/4	100	800
CCAT3821	3/8 x 2-1/4	1-3/4	1	50	400
CCAT3823	3/8 x 2-3/4	1-3/4	1-1/2	50	400
CCAT3830	3/8 x 3	1-3/4	1-3/4	50	400
CCAT3833	3/8 x 3-3/4	1-3/4	2-1/2	50	400
CCAT3850	3/8 x 5	1-3/4	3-1/4	50	400
CCAT3870	3/8 x 7	1-3/4	4-1/2	50	300
CCAT1223	1/2 x 2-3/4	2-1/8	1-1/8	25	200
CCAT1233	1/2 x 3-3/4	2-1/8	2-1/8	25	200
CCAT1241	1/2 x 4-1/4	2-1/8	2-5/8	25	200
CCAT1242	1/2 x 4-1/2	2-1/8	2-5/8	25	200
CCAT1252	1/2 x 5-1/2	2-1/8	3-3/4	25	150
CCAT1270	1/2 x 7	2-1/8	4-1/2	25	150
CCAT1282	1/2 x 8-1/2	2-1/8	5	10	40
CCAT1210	1/2 x 10	2-1/8	5	10	40
CCAT1212	1/2 x 12	2-1/8	5	10	40
CCAT5832	5/8 x 3-1/2	2-5/8	1-1/2	10	80
CCAT5841	5/8 x 4-1/4	2-5/8	2-3/8	10	80
CCAT5842	5/8 x 4-1/2	2-5/8	2-5/8	10	80
CCAT5850	5/8 x 5	2-5/8	3-1/8	10	80
CCAT5860	5/8 x 6	2-5/8	4	10	80
CCAT5870	5/8 x 7	2-5/8	4-1/2	10	80
CCAT5882	5/8 x 8-1/2	2-5/8	5	10	40
CCAT5810	5/8 x 10	2-5/8	5	10	40
CCAT5812	5/8 x 12	2-5/8	5	10	40
CCAT3441	3/4 x 4-1/4	3-1/4	2	10	80
CCAT3443	3/4 x 4-3/4	3-1/4	2-1/2	10	80
CCAT3452	3/4 x 5-1/2	3-1/4	3-1/4	10	60
CCAT3461	3/4 x 6-1/4	3-1/4	3-3/4	10	60
CCAT3470	3/4 x 7	3-1/4	4-3/4	10	60
CCAT3482	3/4 x 8-1/2	3-1/4	5	10	40
CCAT3410	3/4 x 10	3-1/4	5	10	40
CCAT3412	3/4 x 12	3-1/4	5	5	20
CCAT7860	7/8 x 6	3-7/8	3-1/2	5	30
CCAT7880	7/8 x 8	3-7/8	5	5	20
CCAT7810	7/8 x 10	3-7/8	5	5	20
CCAT1060	1 x 6	4	3	5	30
CCAT1090	1 x 9	4	5	5	20
CCAT1012	1 x 12	4	5	5	20

Original Wej-It® Wedge Anchor

An industry leader for over 65 years, the Original Wej-It wedge anchor provides positive wedge connections to minimize wedge loosening due to vibratory loads. The unique wedge arrow design with its guiding notch allows the installer to direct the anchor's forces away from seams and corners. The anchor comes fully assembled for quick installation.

Features and Benefits

- **Length identification code stamped on head** to ease identification pre- and post-installation
- **Guiding notch on the anchor head** allows installers to direct the anchor's force
- The **unique wedge arrows** provide a "positive wedge connection" to minimize wedge loosening under vibratory load

Materials/Finishes

- Zinc-plated carbon steel

Applications

- Normal weight concrete
- Solid masonry
- Lightweight concrete



Zinc-Plated Carbon Steel

Catalog Number	Anchor Size	Min. Embed.	Thread Length	Box Quantity	Carton Quantity
1413	1/4 x 1-3/4	1	1/2	100	600
1423	1/4 x 2-3/4	1	1/2	100	600
1430	1/4 x 3	1	1/2	100	600
5620	5/16 x 2	1-1/4	5/8	100	600
5630	5/16 x 3	1-1/4	5/8	100	600
3820	3/8 x 2	1-1/2	3/4	100	600
3823	3/8 x 2-3/4	1-1/2	3/4	100	600
3832	3/8 x 3-1/2	1-1/2	3/4	50	300
3850	3/8 x 5	1-1/2	3/4	50	300
3860	3/8 x 6	1-1/2	3/4	50	300
1223	1/2 x 2-3/4	2	1	50	300
1232	1/2 x 3-1/2	2	1	50	300
1250	1/2 x 5	2	1	25	150
1260	1/2 x 6	2	1	25	150
1270	1/2 x 7	2	1	25	150
5832	5/8 x 3-1/2	3	1-1/4	25	150
5842	5/8 x 4-1/2	3	1-1/4	25	150
5850	5/8 x 5	3	1-1/4	20	120
5860	5/8 x 6	3	1-1/4	15	90
5870	5/8 x 7	3	1-1/4	15	90
3440	3/4 x 4	3	1-1/2	18	108
3450	3/4 x 5	3	1-1/2	12	72
3460	3/4 x 6	3	1-1/2	12	72
3470	3/4 x 7	3	1-1/2	10	60
3482	3/4 x 8-1/2	3	1-1/2	10	30
3410	3/4 x 10	3	1-1/2	10	30
7880	7/8 x 8	4-1/2	1-3/4	10	30
7810	7/8 x 10	4-1/2	1-3/4	10	30
7812	7/8 x 12	4-1/2	1-3/4	5	15
1080	1 x 8	5-1/2	2	10	30
1010	1 x 10	5-1/2	2	5	15
1012	1 x 12	5-1/2	2	5	15

Sleeve-TITE™ Sleeve Anchor

This high-strength pre-assembled expansion anchor is designed for anchoring into concrete and masonry applications. The Sleeve-TITE anchor has a 6-dimple expansion sleeve over a threaded stud bolt, which provides superior performance in all conditions.

Features and Benefits

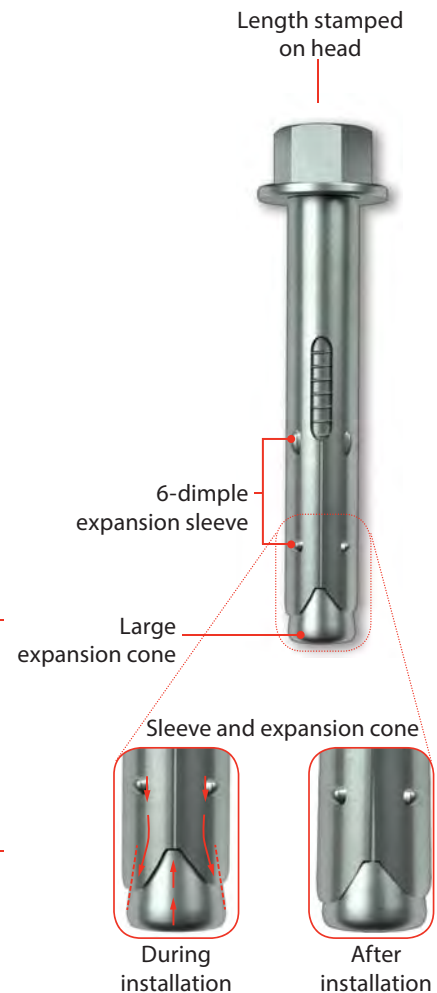
- **6-dimple expansion sleeve** allows the anchor to grip imperfections in the base material
- **Large expansion cone** requires fewer rotations to achieve desired torque
- **One-piece sleeve design** allows stress to be distributed over the entire contact area
- **Length identification code** stamped on head to ease identification pre- and post-installation
- **Pre-assembled with nut and washer** for immediate installation, eliminating missing components
- Available in a number of head styles for a wide variety of applications

Materials/Finishes

- Zinc-plated carbon steel
- Type 304 stainless steel

Applications

- Normal weight concrete
- Solid masonry
- Lightweight concrete
- May also be suitable for hollow masonry



Hex Nut: Zinc-Plated Carbon Steel

Catalog Number	Anchor Size	Drill Bit Dia.	Min. Embed.	Box Quantity	Carton Quantity
HSA5612	5/16 x 1-1/2	5/16	1-3/16	100	800
HSA5622	5/16 x 2-1/2	5/16	1-3/16	100	800
HSA3813	3/8 x 1-7/8	3/8	1-1/4	50	400
HSA3830	3/8 x 3	3/8	1-1/4	50	400
HSA3840	3/8 x 4	3/8	1-1/4	50	400
HSA1221	1/2 x 2-1/4	1/2	1-1/2	25	200
HSA1230	1/2 x 3	1/2	1-1/2	25	200
HSA1240	1/2 x 4	1/2	1-1/2	25	200
HSA1251*	1/2 x 5-1/4	1/2	1-1/2	25	200
HSA1260	1/2 x 6	1/2	1-1/2	25	200
HSA5821	5/8 x 2-1/4	5/8	2	25	200
HSA5830	5/8 x 3	5/8	2	25	200
HSA5841	5/8 x 4-1/4	5/8	2	10	80
HSA5860	5/8 x 6	5/8	2	10	80
HSA3422	3/4 x 2-1/2	3/4	2-1/4	10	80
HSA3440	3/4 x 4	3/4	2-1/4	10	80
HSA3461	3/4 x 6-1/4	3/4	2-1/4	10	80
HSA3481*	3/4 x 8-1/4	3/4	2-1/4	5	20

* Special Order

Sleeve-TITE™ Sleeve Anchor



Acorn Nut: Zinc-Plated Carbon Steel

Catalog Number	Anchor Size	Drill Bit Dia.	Min. Embed.	Box Quantity	Carton Quantity
ASA1458	1/4 x 5/8	1/4	1/2	100	1000
ASA1413	1/4 x 1-3/8	1/4	1-1/8	100	1000
ASA1421	1/4 x 2-1/4	1/4	1-1/8	100	800



Rod Coupling: Zinc-Plated Carbon Steel

Catalog Number	Anchor Size	Drill Bit Dia.	Min. Embed.	Box Quantity	Carton Quantity
CSA3813	3/8 x 1-7/8	3/8	1-1/4	50	400
CSA1221	1/2 x 2-1/4	1/2	1-1/2	25	200
CSA5821	5/8 x 2-1/4	5/8	2	25	200



Flat Head: Zinc-Plated Carbon Steel

Catalog Number	Anchor Size	Drill Bit Dia.	Min. Embed.	Box Quantity	Carton Quantity
FSA1421	1/4 x 2-1/4	1/4	1-1/8	100	800
FSA1431	1/4 x 3-1/4	1/4	1-1/8	100	800
FSA1440	1/4 x 4	1/4	1-1/8	100	800
FSA3823	3/8 x 2-3/4	3/8	1-1/4	50	400
FSA3830	3/8 x 3	3/8	1-1/4	50	400
FSA3840	3/8 x 4	3/8	1-1/4	50	400
FSA3850	3/8 x 5	3/8	1-1/4	50	400
FSA3860	3/8 x 6	3/8	1-1/4	50	400



Tie-Wire: Zinc-Plated Carbon Steel

Catalog Number	Anchor Size	Drill Bit Dia.	Min. Embed.	Box Quantity	Carton Quantity
WTSA1413*	1/4 x 1-3/8	1/4	1-1/4	100	1000
WTSA5612	5/16 x 1-1/2	5/16	1-3/16	100	1000

* Special Order

Sleeve-TITE™ Sleeve Anchor



Acorn Nut: Type 304 Stainless Steel

Catalog Number	Anchor Size	Drill Bit Dia.	Min. Embed.	Box Quantity	Carton Quantity
ASAX1413	1/4 x 1-3/8	1/4	1-1/8	100	1000
ASAX1421	1/4 x 2-1/4	1/4	1-1/8	100	800



Hex Nut: Type 304 Stainless Steel

Catalog Number	Anchor Size	Drill Bit Dia.	Min. Embed.	Box Quantity	Carton Quantity
HSAX5612	5/16 x 1-1/2	5/16	1-3/16	100	800
HSAX5622	5/16 x 2-1/2	5/16	1-3/16	100	800
HSAX3813	3/8 x 1-7/8	3/8	1-1/4	50	400
HSAX3830	3/8 x 3	3/8	1-1/4	50	400
HSAX3840	3/8 x 4	3/8	1-1/4	50	400
HSAX1221	1/2 x 2-1/4	1/2	1-1/2	25	200
HSAX1230	1/2 x 3	1/2	1-1/2	25	200
HSAX1240	1/2 x 4	1/2	1-1/2	25	200
HSAX5841	5/8 x 4-1/4	5/8	2	10	80



Flat Head: Type 304 Stainless Steel

Catalog Number	Anchor Size	Drill Bit Dia.	Min. Embed.	Box Quantity	Carton Quantity
FSAX1420	1/4 x 2	1/4	1-1/8	100	800
FSAX1430	1/4 x 3	1/4	1-1/8	100	800
FSAX3830	3/8 x 3	3/8	1-1/4	50	400
FSAX3840	3/8 x 4	3/8	1-1/4	50	400
FSAX3850	3/8 x 5	3/8	1-1/4	50	400
FSAX3860	3/8 x 6	3/8	1-1/4	50	400



Brass* Expansion Bolt

Catalog Number	Anchor Size	Drill Bit Dia.	Min. Embed.	Box Quantity	Carton Quantity
BE3813	3/8 x 1-3/4	3/8	1-1/8	100	600

***Materials**

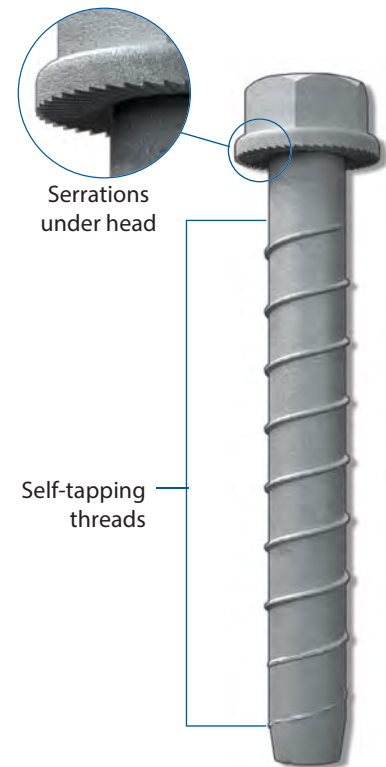
Bolt: 304 Stainless Steel
Washer: 10-8 Stainless
Sleeve & Cone: Brass 260 Alloy

POWER-Skru™ Large Diameter Concrete Screw

This **heavy-duty screw anchor** with self-tapping threads offers a unique undercutting design for anchoring into concrete and masonry. No secondary setting is needed. The POWER-Skru Large Diameter Concrete Screw provides high-strength performance with low installation torque.

Features and Benefits

- **Serrated washer head** facilitates a positive lock between bolt and application surface for enhanced vibration- and shock-resistance
- **Hardened self-tapping threads** feature a revolutionary undercutting design – allows for immediate load application and reduces required installation torque
 - Can be removed and reinstalled – ideal for temporary anchoring applications
 - Anchor length is stamped on the head to ease identification pre- and post-installation
 - Easier and faster installation than mechanical expansion anchors
 - Prepare hole with lower-cost ANSI B212.15 standard bit; no metric or off-size bits needed
 - Heat treatment provides surface and core hardness
 - No expansion forces being applied to base material means shorter spacing and edge distance requirements



Materials/Finishes

- Zinc electroplated, heat-treated carbon steel
- Mechanically galvanized, heat-treated carbon steel
- Type 316 stainless steel with bi-metal carbon steel threads

Applications

- Normal weight concrete
- Solid masonry
- Lightweight concrete
- May also be suitable for hollow masonry



Zinc Electroplated, Heat-Treated Carbon Steel

Catalog Number	Anchor Size	Drill Bit Dia.	Baseplate Clearance Hole	Box Quantity	Carton Quantity
ATEZ1413	1/4 x 1-3/4	1/4	3/8	100	800
ATEZ1421	1/4 x 2-1/4	1/4	3/8	100	800
ATEZ1430	1/4 x 3	1/4	3/8	100	800
ATEZ3813	3/8 x 1-3/4	3/8	1/2	50	400
ATEZ3822	3/8 x 2-1/2	3/8	1/2	50	400
ATEZ3830	3/8 x 3	3/8	1/2	50	300
ATEZ3840	3/8 x 4	3/8	1/2	50	200
ATEZ3850	3/8 x 5	3/8	1/2	25	150
ATEZ3860	3/8 x 6	3/8	1/2	25	150
ATEZ1222	1/2 x 2-1/2	1/2	5/8	50	200
ATEZ1230	1/2 x 3	1/2	5/8	50	200
ATEZ1240	1/2 x 4	1/2	5/8	50	100
ATEZ1250	1/2 x 5	1/2	5/8	50	100
ATEZ1260	1/2 x 6	1/2	5/8	25	75
ATEZ1262	1/2 x 6-1/2	1/2	5/8	25	75
ATEZ1280	1/2 x 8	1/2	5/8	25	75

Selection table continued on following page

POWER-Skru™ Large Diameter Concrete Screw

Zinc Electroplated, Heat-Treated Carbon Steel, *continued*

Catalog Number	Anchor Size	Drill Bit Dia.	Baseplate Clearance Hole	Box Quantity	Carton Quantity
ATEZ5830	5/8 x 3	5/8	3/4	25	100
ATEZ5840	5/8 x 4	5/8	3/4	25	100
ATEZ5850	5/8 x 5	5/8	3/4	25	50
ATEZ5860	5/8 x 6	5/8	3/4	20	60
ATEZ5862	5/8 x 6-1/2	5/8	3/4	20	60
ATEZ5880	5/8 x 8	5/8	3/4	15	45
ATEZ3440	3/4 x 4	3/4	7/8	15	60
ATEZ3442	3/4 x 4-1/2	3/4	7/8	15	45
ATEZ3450	3/4 x 5	3/4	7/8	15	45
ATEZ3452	3/4 x 5-1/2	3/4	7/8	15	45
ATEZ3460	3/4 x 6	3/4	7/8	15	45
ATEZ3461	3/4 x 6-1/4	3/4	7/8	15	45
ATEZ3470	3/4 x 7	3/4	7/8	10	30
ATEZ3480	3/4 x 8	3/4	7/8	10	20
ATEZ3482	3/4 x 8-1/2	3/4	7/8	10	20
ATEZ3410	3/4 x 10	3/4	7/8	10	20



Mechanically Galvanized, Heat-Treated Carbon Steel

Catalog Number	Anchor Size	Drill Bit Dia.	Baseplate Clearance Hole	Box Quantity	Carton Quantity
ATEZG1413	1/4 x 1-3/4	1/4	3/8	100	800
ATEZG1421	1/4 x 2-1/4	1/4	3/8	100	800
ATEZG1430	1/4 x 3	1/4	3/8	100	800
ATEZG3813	3/8 x 1-3/4	3/8	1/2	50	400
ATEZG3822	3/8 x 2-1/2	3/8	1/2	50	400
ATEZG3830	3/8 x 3	3/8	1/2	50	400
ATEZG3840	3/8 x 4	3/8	1/2	50	400
ATEZG3850	3/8 x 5	3/8	1/2	25	200
ATEZG3860	3/8 x 6	3/8	1/2	25	200
ATEZG1222	1/2 x 2-1/2	1/2	5/8	20	160
ATEZG1230	1/2 x 3	1/2	5/8	20	160
ATEZG1240	1/2 x 4	1/2	5/8	20	160
ATEZG1250	1/2 x 5	1/2	5/8	20	160
ATEZG1260	1/2 x 6	1/2	5/8	20	160
ATEZG1270	1/2 x 7	1/2	5/8	20	80
ATEZG1280	1/2 x 8	1/2	5/8	20	80
ATEZG5840	5/8 x 4	5/8	3/4	10	80
ATEZG5850	5/8 x 5	5/8	3/4	10	80
ATEZG5860	5/8 x 6	5/8	3/4	10	80
ATEZG5870	5/8 x 7	5/8	3/4	10	80
ATEZG5880	5/8 x 8	5/8	3/4	10	40
ATEZG3440	3/4 x 4	3/4	7/8	10	80
ATEZG3450	3/4 x 5	3/4	7/8	10	60
ATEZG3460	3/4 x 6	3/4	7/8	10	60
ATEZG3470	3/4 x 7	3/4	7/8	5	30

POWER-Skru™ Large Diameter Concrete Screw**316 Stainless Steel with Bi-Metal Carbon Steel Threads**

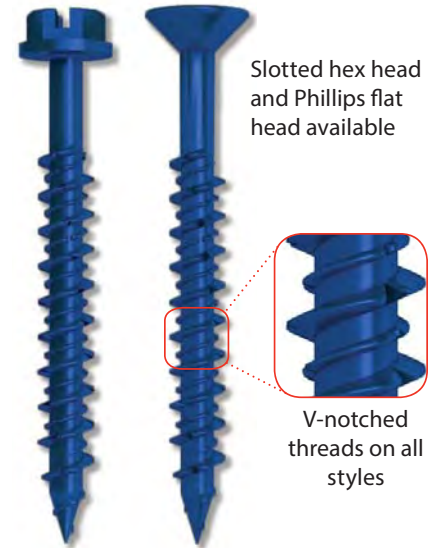
Catalog Number	Anchor Size	Drill Bit Dia.	Baseplate Clearance Hole	Box Quantity	Carton Quantity
ATESS1430	1/4 x 3	1/4	3/8	100	800
ATESS3813	3/8 x 1-3/4	3/8	1/2	50	400
ATESS3822	3/8 x 2-1/2	3/8	1/2	50	400
ATESS3830	3/8 x 3	3/8	1/2	50	400
ATESS3840	3/8 x 4	3/8	1/2	50	400
ATESS3850	3/8 x 5	3/8	1/2	25	200
ATESS3860	3/8 x 6	3/8	1/2	25	200
ATESS1230	1/2 x 3	1/2	5/8	20	160
ATESS1240	1/2 x 4	1/2	5/8	20	160
ATESS1250	1/2 x 5	1/2	5/8	20	160
ATESS1260	1/2 x 6	1/2	5/8	20	160

Wej-Con® Concrete Screw

This high-strength concrete screw has v-notched, high-low threads for anchoring into concrete, masonry, and brick. The Advanced R-Blocker™ coating offers exceptional test results in salt spray testing. Wej-Con concrete screws install quickly in a pre-drilled hole and can be removed and reinstalled.

Features and Benefits

- **Wej-It R-Blocker** coating provides superior salt spray resistance
 - Blue & White finishes on case-hardened carbon steel screws provides 1,000+ hours salt spray resistance per ASTM B117
 - Silver finish on 410 stainless steel screws: 1500+ hours of salt spray resistance per ASTM B117, ACQ-compatible
- **V-notched, high-low threads** ease installation and increase pull-out values
- **Slotted hex washer head and Phillips flat head** available
- **Drill bit included** in each box - no special tool needed
- **Can be removed and reinstalled** as often as necessary
- **No expansion forces** are applied to base material resulting in shorter spacing and edge distance requirements



Materials/Finishes

- Heat-treated carbon steel with blue or white R-Blocker coating
- 410 stainless steel with silver R-Blocker coating
- 304 Stainless Steel with no coating

Applications

- Normal weight concrete
- Solid masonry
- Lightweight concrete
- Hollow masonry



Flat Head: Carbon Steel with Blue R-Blocker Coating

Catalog Number	Anchor Size	Phillips Drive Size	Box Quantity	Carton Quantity
FCS3611	3/16 x 1-1/4	#2	100	600
FCS3613	3/16 x 1-3/4	#2	100	600
FCS3621	3/16 x 2-1/4	#2	100	600
FCS3623	3/16 x 2-3/4	#2	100	600
FCS3631	3/16 x 3-1/4	#2	100	600
FCS3633	3/16 x 3-3/4	#2	100	600
FCS3640	3/16 x 4	#2	100	600
FCS1411	1/4 x 1-1/4	#3	100	600
FCS1413	1/4 x 1-3/4	#3	100	600
FCS1421	1/4 x 2-1/4	#3	100	600
FCS1423	1/4 x 2-3/4	#3	100	600
FCS1431	1/4 x 3-1/4	#3	100	600
FCS1433	1/4 x 3-3/4	#3	100	600
FCS1440	1/4 x 4	#3	100	600
FCS1450	1/4 x 5	#3	100	600
FCS1460	1/4 x 6	#3	100	600

*One drill bit included per box of screws

Wej-Con® Concrete Screw



Hex Washer Head: Carbon Steel with Blue R-Blocker Coating

Catalog Number	Anchor Size	Drive Size	Box Quantity	Carton Quantity
HCS3611	3/16 x 1-1/4	5/16" hex with slot	100	600
HCS3613	3/16 x 1-3/4	5/16" hex with slot	100	600
HCS3621	3/16 x 2-1/4	5/16" hex with slot	100	600
HCS3623	3/16 x 2-3/4	5/16" hex with slot	100	600
HCS3631	3/16 x 3-1/4	5/16" hex with slot	100	600
HCS3633	3/16 x 3-3/4	5/16" hex with slot	100	600
HCS3640	3/16 x 4	5/16" hex with slot	100	600
HCS1411	1/4 x 1-1/4	5/16" hex with slot	100	600
HCS1413	1/4 x 1-3/4	5/16" hex with slot	100	600
HCS1421	1/4 x 2-1/4	5/16" hex with slot	100	600
HCS1423	1/4 x 2-3/4	5/16" hex with slot	100	600
HCS1431	1/4 x 3-1/4	5/16" hex with slot	100	600
HCS1433	1/4 x 3-3/4	5/16" hex with slot	100	600
HCS1440	1/4 x 4	5/16" hex with slot	100	600
HCS1450	1/4 x 5	5/16" hex with slot	100	600
HCS1460	1/4 x 6	5/16" hex with slot	100	600

*One drill bit included per box of screws



Flat Head: Carbon Steel with White R-Blocker Coating

Catalog Number	Anchor Size	Phillips Drive Size	Box Quantity	Carton Quantity
FCSW3611	3/16 x 1-1/4	#2	100	600
FCSW3613	3/16 x 1-3/4	#2	100	600
FCSW3621	3/16 x 2-1/4	#2	100	600
FCSW3623	3/16 x 2-3/4	#2	100	600
FCSW3631	3/16 x 3-1/4	#2	100	600
FCSW3633	3/16 x 3-3/4	#2	100	600
FCSW3640	3/16 x 4	#2	100	600
FCSW1411	1/4 x 1-1/4	#3	100	600
FCSW1413	1/4 x 1-3/4	#3	100	600
FCSW1421	1/4 x 2-1/4	#3	100	600
FCSW1423	1/4 x 2-3/4	#3	100	600
FCSW1431	1/4 x 3-1/4	#3	100	600
FCSW1433	1/4 x 3-3/4	#3	100	600
FCSW1440	1/4 x 4	#3	100	600

*One drill bit included per box of screws



Hex Washer Head: Carbon Steel with White R-Blocker Coating

Catalog Number	Anchor Size	Drive Size	Box Quantity	Carton Quantity
HCSW3611	3/16 x 1-1/4	5/16" hex with slot	100	600
HCSW3613	3/16 x 1-3/4	5/16" hex with slot	100	600
HCSW3621	3/16 x 2-1/4	5/16" hex with slot	100	600
HCSW3623	3/16 x 2-3/4	5/16" hex with slot	100	600
HCSW3631	3/16 x 3-1/4	5/16" hex with slot	100	600
HCSW3633	3/16 x 3-3/4	5/16" hex with slot	100	600
HCSW3640	3/16 x 4	5/16" hex with slot	100	600

Selection table continued on following page

Hex Washer Head: Carbon Steel with White R-Blocker Coating, *continued*

Catalog Number	Anchor Size	Drive Size	Box Quantity	Carton Quantity
HCSW1411	1/4 x 1-1/4	5/16" hex with slot	100	600
HCSW1413	1/4 x 1-3/4	5/16" hex with slot	100	600
HCSW1421	1/4 x 2-1/4	5/16" hex with slot	100	600
HCSW1423	1/4 x 2-3/4	5/16" hex with slot	100	600
HCSW1431	1/4 x 3-1/4	5/16" hex with slot	100	600
HCSW1433	1/4 x 3-3/4	5/16" hex with slot	100	600
HCSW1440	1/4 x 4	5/16" hex with slot	100	600

*One drill bit included per box of screws



Flat Head: 410 Stainless Steel with Silver R-Blocker Coating

Catalog Number	Anchor Size	Phillips Drive Size	Box Quantity	Carton Quantity
FCSS1411	1/4 x 1-1/4	#3	100	600
FCSS1413	1/4 x 1-3/4	#3	100	600
FCSS1421	1/4 x 2-1/4	#3	100	600
FCSS1423	1/4 x 2-3/4	#3	100	600
FCSS1431	1/4 x 3-1/4	#3	100	600
FCSS1433	1/4 x 3-3/4	#3	100	600

*One drill bit included per box of screws



Hex Washer Head: 410 Stainless Steel with Silver R-Blocker Coating

Catalog Number	Anchor Size	Drive Size	Box Quantity	Carton Quantity
HCSS1411	1/4 x 1-1/4	5/16" hex	100	600
HCSS1413	1/4 x 1-3/4	5/16" hex	100	600
HCSS1421	1/4 x 2-1/4	5/16" hex	100	600
HCSS1423	1/4 x 2-3/4	5/16" hex	100	600
HCSS1431	1/4 x 3-1/4	5/16" hex	100	600
HCSS1433	1/4 x 3-3/4	5/16" hex	100	600

*One drill bit included per box of screws



Flat Head: 304 Stainless Steel

Catalog Number	Anchor Size	Phillips Drive Size	Box Quantity	Carton Quantity
FC4S1413	1/4 x 1-3/4	#3	100	600
FC4S1421	1/4 x 2-1/4	#3	100	600
FC4S1423	1/4 x 2-3/4	#3	100	600
FC4S1431	1/4 x 3-1/4	#3	100	600

*One drill bit included per box of screws



Hex Washer Head: 304 Stainless Steel

Catalog Number	Anchor Size	Drive Size	Box Quantity	Carton Quantity
HC4S1413	1/4 x 1-3/4	5/16" hex	100	600
HC4S1421	1/4 x 2-1/4	5/16" hex	100	600
HC4S1423	1/4 x 2-3/4	5/16" hex	100	600
HC4S1431	1/4 x 3-1/4	5/16" hex	100	600

*One drill bit included per box of screws

Hang-TITE™ Rod Hanger Screw

This is a one-piece, internally threaded rod hanger screw designed for suspending threaded rod for applications like cable-tray, pipe hanging, fire protection, and electrical conduit. It can be installed in a variety of base materials: wood frame columns and beams; steel purlins, bar joists and beams; and concrete ceilings, beams, and columns. A horizontal-mount version is available for the steel and wood rod hanger screws. All Hang-TITE Rod Hanger Screws require the use of the proper installation tool: the universal socket for the steel and wood rod hanger screws and the appropriately sized socket for the concrete rod hanger screws.

Features and Benefits

- **One-piece screw design:** threaded portion of the screw will not prematurely break away from the screw head
- **Available in various thread types** for concrete, wood or steel
- **Horizontal (side) mount available** for both steel and wood Hang-TITE screws
- **Rapid installation:** all Hang-TITE screws can be installed using a screw gun or drill



Materials/Finishes

- Zinc-Plated Carbon Steel

Applications

- Steel purlins
- Normal weight concrete
- Lightweight concrete
- Wood and timber
- Hollow core
- Concrete plank



Wood Applications, Vertical-Mount: Zinc-Plated Carbon Steel

Catalog Number	Rod Dia.	Screw Thread Size and Length	Point Style	Box Quantity	Carton Quantity
HTWV141420	1/4	1/4 x 2	Type 17	100	500
HTWV381410	3/8	1/4 x 1	Type 17	100	500
HTWV381420	3/8	1/4 x 2	Type 17	100	500
HTWV381430	3/8	1/4 x 3	Type 17	100	500
HTWV385622	3/8	5/16 x 2-1/2	Type 17	100	500
HTWV125622	1/2	5/16 x 2-1/2	Type 17	100	500



Wood Applications, Horizontal-Mount: Zinc-Plated Carbon Steel

Catalog Number	Rod Dia.	Screw Thread Size and Length	Point Style	Box Quantity	Carton Quantity
HTWS381410	3/8	1/4 x 1	Type 17	100	500
HTWS381420	3/8	1/4 x 2	Type 17	100	500
HTWS385622	3/8	5/16 x 2-1/2	Type 17	100	500

Hang-TITE™ Rod Hanger Screw



Steel Applications, Vertical-Mount: Zinc-Plated Carbon Steel

Catalog Number	Rod Dia.	Screw Thread Size and Length	Point Style †	Box Quantity	Carton Quantity
HTSV141410	1/4	1/4 - 20 x 1	#3	100	500
HTSV381420	3/8	1/4 - 20 x 2	#3	100	500
HTSV381410	3/8	1/4 - 20 x 1 (w/nut)	#3	100	500
HTSV381412	3/8	1/4 - 20 x 1-1/2 (w/nut)	#3	100	500
HTSV381212	3/8	12 - 20 x 1-1/2 (w/nut)	#5	100	500
HTSV121212	1/2	12 - 20 x 1-1/2 (w/nut)	#5	100	500

† #3 for Purlins, #5 for Beams



Steel Applications, Horizontal-Mount: Zinc-Plated Carbon Steel

Catalog Number	Rod Dia.	Screw Thread Size and Length	Point Style †	Box Quantity	Carton Quantity
HTSS381410	3/8	1/4 -20 x 1 (w/nut)	#3	100	500
HTSS381412	3/8	1/4 -20 x 1-1/2 (w/nut)	#3	100	500
HTSS381420	3/8	1/4 -20 x 2 (w/nut)	#3	100	500

† #3 for Purlins



Concrete Applications, Vertical-Mount: Zinc-Plated Carbon Steel

Catalog Number	Rod Dia.	Screw Thread Size and Length	Point Style	Box Quantity	Carton Quantity
HTCV141411	1/4	1/4 x 1-1/4	1/4	100	500
HTCV381412	3/8	1/4 x 1-1/2	1/4	100	500
HTCV123823	1/2	3/8 x 2-3/4	3/8	50	250



Installation Tools

Catalog Number	Description/Size	Box Quantity	Carton Quantity
HTWSST	Universal Steel and Wood Socket	1	10
HTCST14	1/4 Concrete Socket	1	10
HTCST38	3/8 Concrete Socket	1	10
HTCST12	1/2 Concrete Socket	1	1

Ultra-Drop™ Drop-In Anchor

This internally threaded, flush-mount expansion anchor features a knurled body that increases friction between the anchor body and the internal walls of the hole.

Features and Benefits

- **Knurled body** increases friction with internal walls of the pre-drilled hole, increasing the anchor's holding power
- **Two-piece anchor** comprised of internally-threaded anchor body and an expansion cone inserts — case-hardened expansion bullet inserts prevents galling and binding during expansion
- **Pre-assembled expansion bullet with a high-quality plastic cap** that prevents bullet from prematurely falling out before and during installation
- **Internally-threaded anchor** allows for easy bolt removability and service work
- **Eliminates requirement for rod couplings** in overhead applications
- Anchor design **offers consistent holding power** in shallow embedment

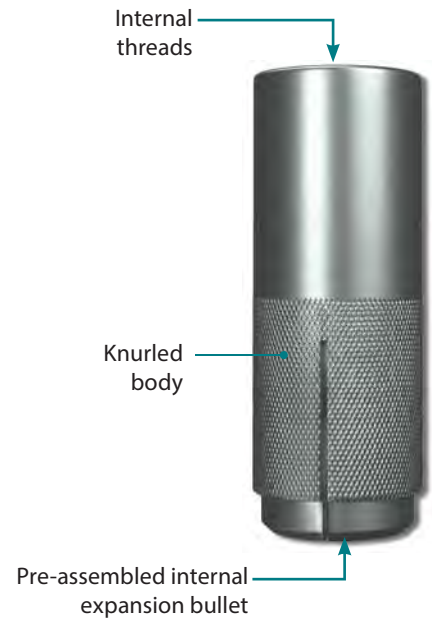
NOTE: Setting tool sold separately

Materials/Finishes

- Zinc-plated carbon steel
- Type 304 stainless steel
- Type 316 stainless steel

Applications

- Normal weight concrete
- Lightweight concrete
- Solid masonry
- Stone



Standard: Zinc-Plated Carbon Steel

Catalog Number	Drill Bit Dia.	Thread Size	Anchor Length	Box Quantity	Carton Quantity
WD14	3/8	1/4 - 20	1	100	1000
WD38	1/2	3/8 - 16	1-5/8	50	500
WD12	5/8	1/2 - 13	2	50	500
WD58	7/8	5/8 - 11	2-1/2	25	200
WD34	1	3/4 - 10	3-1/4	25	150
WD78	1-1/8	7/8 - 9	4	10	40



Lipped: Zinc-Plated Carbon Steel

Catalog Number	Drill Bit Dia.	Thread Size	Anchor Length	Box Quantity	Carton Quantity
WDL14	3/8	1/4 - 20	1	100	1000
WDL38	1/2	3/8 - 16	1-5/8	50	500
WDL12	5/8	1/2 - 13	2	50	500
WDL58	7/8	5/8 - 11	2-1/2	25	200
WDL34	1	3/4 - 10	3-1/4	25	150

Ultra-Drop™ Drop-In Anchor



Coil Thread: Zinc-Plated Carbon Steel

Catalog Number	Drill Bit Dia.	Thread Size	Anchor Length	Box Quantity	Carton Quantity
WDCT12	5/8	1/2 - 6	2	50	500
WDCT34	1	3/4 - 4-1/2	3-1/4	25	150



MINI: Zinc-Plated Carbon Steel

Catalog Number	Drill Bit Dia.	Thread Size	Anchor Length	Box Quantity	Carton Quantity
WDM14	3/8	1/4 - 20	5/8	100	1000
WDM38	1/2	3/8 - 16	3/4	50	500
WDM12	5/8	1/2 - 13	1	50	400



Standard: Type 304 Stainless Steel

Catalog Number	Drill Bit Dia.	Thread Size	Anchor Length	Box Quantity	Carton Quantity
WDS14	3/8	1/4 - 20	1	100	1000
WDS38	1/2	3/8 - 16	1-5/8	50	500
WDS12	5/8	1/2 - 13	2	50	500
WDS58	7/8	5/8 - 11	2-1/2	25	200
WDS34	1	3/4 - 10	3-1/4	25	150



Standard: Type 316 Stainless Steel

Catalog Number	Drill Bit Dia.	Thread Size	Anchor Length	Box Quantity	Carton Quantity
WDSS14	3/8	1/4 - 20	1	100	1000
WDSS38	1/2	3/8 - 16	1-5/8	50	500
WDSS12	5/8	1/2 - 13	2	50	500
WDSS58	7/8	5/8 - 11	2-1/2	25	200
WDSS34	1	3/4 - 10	3-1/4	25	150
WDSS78	1-1/8	7/8 - 9	4	10	40



Setting Tools

Catalog Number	Sets Anchor Thread Size	Quantity	
ST14	STM14*	1/4	1
ST38	STM38*	3/8	1
ST12	STM12*	1/2	1
ST58	-	5/8	1
ST34	-	3/4	1
ST78	-	7/8	1

* MINI Setting Tool

Hollo Set™ Drop-In Anchor

This internally-threaded, flush mount expansion anchor is designed for use in hollow and solid base materials. In hollow concrete block (CMU), the outer wall is generally 1-1/2" thick. When a hole is drilled into the material, there is often spalling on the back side of the wall that can decrease the wall thickness to 1" or less. The Hollo Set anchor will still provide high-performance fastening in these altered applications.

Features and Benefits

- **Superior design** permits installation in base materials with thin walls
- **Can be used in hollow and solid** base materials
- **Internally threaded anchor** allows easy bolt removability and service work
- **Slots on expansion cone** prevent cone separating from the sleeve during installation

Note: Setting tools sold separately



Materials/Finishes

- Body: Zamac Alloy
- Cone: Zinc-Plated, Heat-Treated Carbon Steel or 304 Stainless

Applications

- CMU
- Solid base materials
- Hollow-core, precast, and post-tension slabs
- Normal weight concrete
- May be suitable for lightweight concrete



Zinc-Plated Carbon Steel

Catalog Number	Drill Bit Dia.	Thread Size	Anchor Length	Box Quantity	Carton Quantity
WDHS14	3/8	1/4 – 20	7/8	100	1000
WDHS38	5/8	3/8 – 16	1-5/16	50	500
WDHS12	3/4	1/2 – 13	1-3/4	50	250



Type 304 Stainless Steel

Catalog Number	Drill Bit Dia.	Thread Size	Anchor Length	Box Quantity	Carton Quantity
WDHSS14	3/8	1/4	7/8	100	1000
WDHSS38	5/8	3/8	1-5/16	50	500



Setting Tools: Solid Base Materials

Catalog No.	Sets Anchor Thread Size	Quantity
STH14	1/4	1
STH38	3/8	1
STH12	1/2	1



Setting Tools: Hollow Base Materials

Catalog No.	Sets Anchor Thread Size	Quantity
STSH14	1/4	1
STSH38	3/8	1
STSH12	1/2	1

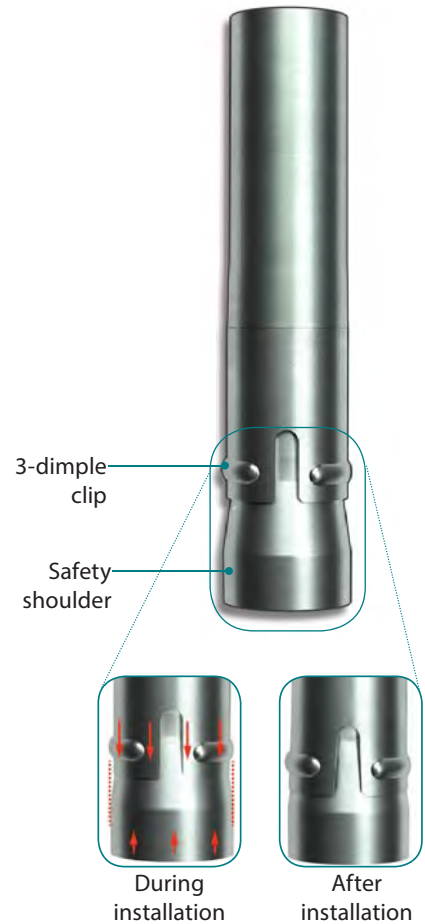
POWER-Drop™ Drop-In Anchor

This anchor provides wedge anchor performance with the convenience of a drop-in anchor. The safety shoulder supports the clip when the anchor is under strain to eliminate bolt-end collapse and/or clip slippage under ultimate loading conditions. This anchor may be used with machine screws, tamper-proof bolts, threaded rod and other male threaded fasteners. Drill bit diameter equals the anchor diameter.

Features and Benefits

- **Enlarged 3-dimple clip**
 - Increases response in lightweight concrete and requires fewer rotations to achieve desired torque
 - 360° segment contact on clip equalizes load distribution and increases load-carrying capacity
- **Unique safety shoulder**
 - Supports the 3-dimple clip under maximum and ultimate loads, preventing slippage
 - Similar products have a gradual expansion cone that does not have a safety shoulder to support the clip when the anchor is under strain
- **Internally threaded anchor** allows for easy bolt removability and service work
- **Wedge anchor performance** with the convenience of a drop-in anchor
- **Numerous head style options:** May be used with machine screws, tamper-proof bolts, threaded rod and a variety of other male-threaded fasteners

Note: One setting tool included per box of anchors



Materials/Finishes
 • Zinc-plated carbon steel

Applications
 • Normal weight concrete
 • Lightweight concrete
 • Solid masonry



Zinc-Plated Carbon Steel

Catalog Number	Thread Size	Anchor Size	Min. Hole Depth	Box Quantity	Carton Quantity
PD38	3/8 – 16	1/2 x 2-5/16	3	25	200
PD12	1/2 – 13	5/8 x 3-3/32	4	10	80
PD58	5/8 – 11	7/8 x 3-13/16	5	5	30
PD34	3/4 – 10	1 x 4-5/8	5-3/4	5	30
PD1	1 – 8	1-1/4 x 5	6-1/2	5	30

*Note: One setting tool included per box of anchors

Single Expansion Shield

This corrosion-resistant anchor is designed to be used with a machine screw. The anchor consists of a zamac alloy anchor body and expansion cone. The expansion cone is drawn into the anchor body as the machine bolt is tightened into the anchor.

Features and Benefits

- **Holding power is unaffected** if bolt is removed and replaced
- **Entire fastener is corrosion-resistant**
- **Accepts machine screws**
- **Bolt can be easily removed and reinstalled** during service work



Materials/Finishes

- Zamac alloy

Applications

- Normal weight concrete
- May be suitable for lightweight concrete

Single: Zamac Alloy

Catalog Number	Drill Bit Dia.	Thread Size	Anchor Length	Box Quantity	Carton Quantity
SES14	1/2	1/4 - 20	1-5/16	100	1000
SES56	5/8	5/16 - 18	1-1/2	50	500
SES38	5/8	3/8 - 16	1-1/2	50	500
SES12	7/8	1/2 - 13	2	25	200
SE558	1	5/8 - 11	2-5/8	25	200

Double Expansion Shield

This corrosion-resistant anchor is designed to be used with a machine bolt and is recommended for anchoring into base materials of questionable strength. The Double Expansion Shield consists of a pre-assembled zamac alloy anchor body, an expansion cone at each end of the anchor, and a wire expanding ring. The expansion cones are drawn in at each end of the anchor as the machine bolt is tightened into the anchor – ensuring consistent and even expansion along the entire anchor body.

Features and Benefits

- **Eliminates high-stress points** that can be detrimental in materials of medium hardness
- **Expands fully** to provide high gripping power
- **Ideal for shear loads** where the joint is subject to side pressure or vibration
- **Corrosion-resistant body**
- **Good for static and vibratory loads**
- **Bolt can be easily removed and reinstalled** during service work



Materials/Finishes

- Zamac alloy

Applications

- Normal weight concrete
- Hollow masonry
- May be suitable for lightweight concrete

Double: Zamac Alloy

Catalog Number	Drill Bit Dia.	Thread Size	Anchor Length	Box Quantity	Carton Quantity
DES14	1/2	1/4 - 20	1-3/8	100	1000
DES56	5/8	5/16 - 18	1-5/8	50	500
DES38	3/4	3/8 - 16	2	50	400
DES12	7/8	1/2 - 13	2-1/2	25	200
DES58	1	5/8 - 11	2-3/4	25	200

Lag Screw Shield

This corrosion resistant anchor is designed for use with lag screws in concrete, masonry, and in the mortar joints of brick and block walls. For soft or weak masonry, the long version is recommended for increased holding values. In harder masonry, the short version is recommended to reduce drilling time.

Features and Benefits

- Ideal for use in concrete, masonry and mortar joints
- Longer lengths increase holding values
- Shorter lengths reduce drilling time
- Internally threaded anchor allows easy bolt removability and service work
- Corrosion resistant – made of a zamac alloy



Short: Zamac Alloy

Catalog Number	Drill Bit Dia.	Thread Size	Anchor Length	Box Quantity	Carton Quantity
LSS14	1/2	1/4 - 10	1	50	1000
LSS56	1/2	5/16 - 9	1-1/4	50	1000
LSS38	5/8	3/8 - 7	1-3/4	50	500
LSS12	3/4	1/2 - 6	2	25	250
LSS58	7/8	5/8 - 5	2	25	250



Long: Zamac Alloy

Catalog Number	Drill Bit Dia.	Thread Size	Anchor Length	Box Quantity	Carton Quantity
LSL14	1/2	1/4 - 10	1-1/2	50	1000
LSL56	1/2	5/16 - 9	1-3/4	50	1000
LSL38	5/8	3/8 - 7	2-1/2	50	400
LSL12	3/4	1/2 - 6	3	25	250
LSL58	7/8	5/8 - 5	3-1/2	25	250

Machine Screw Shield

This corrosion-resistant anchor is designed to be used with a machine screw in concrete, block, brick or stone. The two-piece, pre-assembled anchor is made of a lead sleeve and an internally threaded zamac alloy cone.

Features and Benefits

- Corrosion-resistant
- Shallow embedment
- Accepts machine screws
- Bolt can be easily removed and reinstalled during service work
- Versatile – can be used in most masonry materials as well as in concrete



Zamac Alloy

Catalog Number	Drill Bit Dia.	Thread Size	Anchor Length	Box Quantity	Carton Quantity
MS14	1/2	1/4 - 20	7/8	100	2000
MS56	5/8	5/16 - 18	1	50	1000
MS38	3/4	3/8 - 16	1-1/4	50	500
MS12	7/8	1/2 - 13	1-1/2	25	250

Materials/Finishes

- Zamac alloy

Applications

- Normal weight concrete
- Solid masonry
- May be suitable for lightweight concrete and hollow masonry

Materials/Finishes

- Zamac alloy cone with lead sleeve

Applications

- Normal weight concrete
- Solid masonry
- May be suitable for lightweight concrete and hollow masonry

Strike-It™ Center Pin Drive Anchor

This pre-assembled impact pin drive anchor is designed for medium and heavy-duty anchoring into concrete and grout-filled block. With its unique all-in-one serrated nut and washer, it offers vibration resistance and superior holding.

Features and Benefits

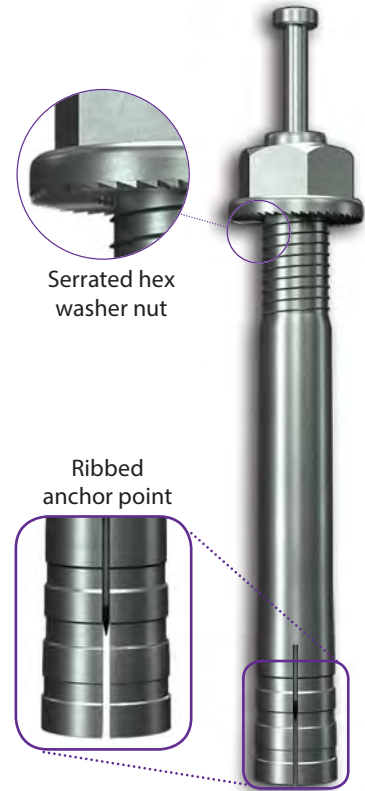
- **Serrated hex washer nut** provides optimal vibration resistance
- **Ribbed anchor point** increases friction with internal walls of the predrilled hole
- **Suitable for solid base materials**
- **Easy to install**
 - No wrench needed
 - Anchor tensions itself automatically
- **Easy to inspect:** anchor is set after center pin is hammered down to meet the threads and is flush with the top of the bolt

Materials/Finishes

- Hot rolled steel anchor body with a hot wrought iron pin
- Zinc plated

Applications

- Normal weight concrete
- Lightweight concrete
- Solid masonry



Zinc-Plated Carbon Steel

Catalog Number	Anchor Size	Thread Length	Drill Bit Dia.	Box Quantity	Carton Quantity
CP1413	1/4 x 1-3/4	5/8	1/4	100	800
CP1423	1/4 x 2-3/8	3/4	1/4	100	800
CP5620	5/16 x 2	3/4	5/16	100	800
CP5623	5/16 x 2-3/4	1	5/16	100	800
CP3823	3/8 x 2-3/8	1	3/8	50	400
CP3832	3/8 x 3-1/2	1-1/4	3/8	50	400
CP3843	3/8 x 4-3/4	1-3/8	3/8	50	400
CP1223	1/2 x 2-3/4	1	1/2	25	200
CP1232	1/2 x 3-1/2	1-1/4	1/2	25	200
CP1243	1/2 x 4-3/4	1-3/4	1/2	25	200
CP1260	1/2 x 6	2	1/2	25	200
CP5840	5/8 x 4	1-1/2	5/8	10	80
CP5860	5/8 x 6	2	5/8	10	80
CP3450	3/4 x 5	2	3/4	10	30
CP3460	3/4 x 6	2	3/4	10	30
CP3472	3/4 x 7-1/2	2	3/4	10	30

Drive-It™ Drive Pin Anchor

This pre-assembled two-piece drive pin anchor is comprised of a corrosion resistant zamac alloy anchor body and a steel or stainless steel drive pin. This anchor is easy to install and ideal for light-duty and tamper-resistant applications.

Features and Benefits

- **High-grade carbon steel pin** eliminates bending when installed
- **Type 304 stainless steel pin** provides additional corrosion resistance
- **Tamper-resistant**
- **Easy to install** in various solid base materials



Materials/Finishes

- Body: Zamac alloy anchor
- Pin: Zinc-plated carbon steel or type 304 stainless steel

Applications

- Normal weight concrete
- Solid masonry
- May also be suitable for lightweight concrete and hollow masonry
- Not recommended for overhead applications



Zamac Alloy Body with Steel Pin

Catalog Number	Anchor Size	Box Quantity	Carton Quantity
DN3678	3/16 x 7/8	100	1000
DN1403	1/4 x 3/4	100	1000
DN1410	1/4 x 1	100	1000
DN1411	1/4 x 1-1/4	100	1000
DN1412	1/4 x 1-1/2	100	800
DN1420	1/4 x 2	100	800
DN1422	1/4 x 2-1/2	100	800
DN1430	1/4 x 3	100	800
DN1440	1/4 x 4	100	800



Zamac Alloy Body with Stainless Steel Pin

Catalog Number	Anchor Size	Box Quantity	Carton Quantity
DNS1410	1/4 x 1	100	1000
DNS1411	1/4 x 1-1/4	100	1000
DNS1412	1/4 x 1-1/2	100	800
DNS1420	1/4 x 2	100	800
DNS1430	1/4 x 3	100	800

Screw-In™ Drive Screw Anchor

This pre-assembled two-piece drive screw anchor is comprised of a corrosion-resistant zamac alloy anchor body and a removable steel Phillips-head screw. The screw can be easily removed after the anchor is properly set. Screw-In Drive Screw Anchors are ideal for light-duty applications in concrete, block, stone, or brick.

Features and Benefits

- **Versatile, general purpose** anchor
- **Removable steel #2 Phillips head screw**
- **Pre-assembled** – one-step, ready to use
- **Screw can be easily removed** after anchor is properly set

Materials/Finishes

- Body: Die-cast zamac alloy anchor
- Screw: Zinc-plated carbon steel

Applications

- Normal weight concrete
- Solid masonry
- May also be suitable for lightweight concrete and hollow masonry
- Not recommended for overhead applications



Zamac Allow Body with Steel Screw

Catalog Number	Anchor Size	Screw Style	Box Quantity	Carton Quantity
DNHS1403	1/4 x 3/4	#2 Phillips	100	1000
DNHS1410	1/4 x 1	#2 Phillips	100	1000
DNHS1411	1/4 x 1-1/4	#2 Phillips	100	1000
DNHS1412	1/4 x 1-1/2	#2 Phillips	100	800
DNHS1420	1/4 x 2	#2 Phillips	100	800
DNHS1430	1/4 x 3	#2 Phillips	100	800

Slam-It™ Split Drive Anchor

This anchor is a one-piece, pre-formed, tamper-proof anchor ideal for anchoring into solid concrete and stone.

Features and Benefits

- **One-piece anchor** is easy to install
- **Tamper-proof**
- **Works in concrete and stone**
- **Two head styles available**
 - Flat head is best for wood-to-concrete applications – can be removed for temporary applications
 - Mushroom head allows fast and clean permanent installations
- The **unique split feature** is compressed during installation; after installation it re-expands, exerting force against the walls of the hole, resulting in high holding values



Materials/Finishes

- Zinc-plated carbon steel
- Mechanically galvanized

Applications

- Normal weight concrete
- Lightweight concrete



Flat Head: Zinc-Plated Carbon Steel

Catalog Number	Anchor Size	Box Quantity	Carton Quantity
SDF1412	1/4 x 1-1/2	100	800
SDF1420	1/4 x 2	100	800
SDF1422	1/4 x 2-1/2	100	800
SDF1430	1/4 x 3	100	800
SDF1432	1/4 x 3-1/2	100	800
SDF1440	1/4 x 4	100	800



Mushroom Head: Zinc-Plated Carbon Steel

Catalog Number	Anchor Size	Box Quantity	Carton Quantity
SDR1412	1/4 x 1-1/2	100	800
SDR1420	1/4 x 2	100	800
SDR1422	1/4 x 2-1/2	100	800
SDR1430	1/4 x 3	100	800



Flat Head: Mechanically Galvanized

Catalog Number	Anchor Size	Box Quantity	Carton Quantity
SDFG1430	1/4 x 3	100	800

Pound-It™ Drive Anchor

This anchor is a tamper-proof and vibration-resistant one-piece anchor designed for use in concrete, grout-filled block, or masonry. The Pound-It Drive Anchor is pre-formed with a bend along the anchor shaft that creates an expansion wedge that locks the anchor in place. There is no need for secondary tightening, which speeds up and greatly reduces the cost of the anchor installation.

Features and Benefits

- **Pre-formed one-piece anchor design** allows for easy and fast installation – eliminates need for secondary tightening
- **Different head styles** permit versatile applications:
 - Flat head
 - Forming head
 - Tie-wire
 - Mushroom head
 - Rod-coupling
- **Rod-coupling head and tie-wire head** are easy to install and can be used in place of direct fastening



Materials/Finishes

- Zinc-plated carbon steel
- Type 316 stainless steel

Applications

- Normal weight concrete
- Lightweight concrete
- Solid masonry
- Stone



Flat Head: Zinc-Plated Carbon Steel

Catalog Number	Anchor Size	Drill Bit Dia.	Min. Embed.	Box Quantity	Carton Quantity
PFH1420	1/4 x 2	1/4	1-1/4	100	1000
PFH1422	1/4 x 2-1/2	1/4	1-1/4	100	1000
PFH1430	1/4 x 3	1/4	1-1/4	100	1000
PFH1432	1/4 x 3-1/2	1/4	1-1/4	100	1000
PFH1440	1/4 x 4	1/4	1-1/4	100	1000



Forming Head: Zinc-Plated Carbon Steel

Catalog Number	Anchor Size	Drill Bit Dia.	Min. Embed.	Box Quantity	Carton Quantity
PFS3623	3/16 x 2-3/4	3/16	1-1/4	100	1000
PFS1423	1/4 x 2-3/4	1/4	1-1/4	100	1000



Tie-Wire: Zinc-Plated Carbon Steel

Catalog Number	Anchor Size	Tie Wire Hole	Drill Bit Dia.	Min. Embed.	Box Quantity	Carton Quantity
PTW3611	3/16 x 1-1/4	3/16	3/16	1-1/8	100	1000
PTW1413	1/4 x 1-3/4	9/32	1/4	1-1/8	100	1000

Pound-It™ Drive Anchor



Rod-Coupling: Zinc-Plated Carbon Steel

Catalog Number	Anchor Size	Thread Size	Drill Bit Dia.	Min. Embed.	Box Quantity	Carton Quantity
PPS14	1/4 x 1-7/8	1/4 - 20	3/16	1-1/4	100	1000
PPS38	3/8 x 2-3/8	3/8 - 16	1/4	1-3/4	50	500



Mushroom Head: Zinc-Plated Carbon Steel

Catalog Number	Anchor Size	Drill Bit Dia.	Min. Embed.	Box Quantity	Carton Quantity
PMH3610	3/16 x 1	3/16	7/8	100	1000
PMH3611	3/16 x 1-1/4	3/16	7/8	100	1000
PMH3612	3/16 x 1-1/2	3/16	1-1/4	100	1000
PMH3620	3/16 x 2	3/16	1-1/4	100	1000
PMH3622	3/16 x 2-1/2	3/16	1-1/4	100	1000
PMH3630	3/16 x 3	3/16	1-1/4	100	1000
PMH3632	3/16 x 3-1/2	3/16	1-1/4	100	1000
PMH3640	3/16 x 4	3/16	1-1/4	100	1000
PMH1410	1/4 x 1	1/4	7/8	100	1000
PMH1411	1/4 x 1-1/4	1/4	1	100	1000
PMH1412	1/4 x 1-1/2	1/4	1-1/4	100	1000
PMH1420	1/4 x 2	1/4	1-1/4	100	1000
PMH1422	1/4 x 2-1/2	1/4	1-1/4	100	1000
PMH1430	1/4 x 3	1/4	1-1/4	100	1000
PMH1432	1/4 x 3-1/2	1/4	1-1/4	100	1000
PMH1440	1/4 x 4	1/4	1-1/4	100	1000
PMH3820	3/8 x 2	3/8	1-3/4	25	250
PMH3822	3/8 x 2-1/2	3/8	1-3/4	25	250
PMH3830	3/8 x 3	3/8	1-3/4	25	250
PMH3832	3/8 x 3-1/2	3/8	1-3/4	25	250
PMH3840	3/8 x 4	3/8	1-3/4	25	250
PMH3850	3/8 x 5	3/8	1-3/4	25	250
PMH3860	3/8 x 6	3/8	1-3/4	25	250



Mushroom Head: Type 316 Stainless Steel

Catalog Number	Anchor Size	Drill Bit Dia.	Min. Embed.	Box Quantity	Carton Quantity
PMHSS3610	3/16 x 1	3/16	7/8	100	1000
PMHSS3611	3/16 x 1-1/4	3/16	7/8	100	1000
PMHSS3612	3/16 x 1-1/2	3/16	1-1/4	100	1000
PMHSS3620	3/16 x 2	3/16	1-1/4	100	1000
PMHSS1411	1/4 x 1-1/4	1/4	1	100	1000
PMHSS1412	1/4 x 1-1/2	1/4	1-1/4	100	1000
PMHSS1420	1/4 x 2	1/4	1-1/4	100	1000
PMHSS1422	1/4 x 2-1/2	1/4	1-1/4	100	1000
PMHSS1430	1/4 x 3	1/4	1-1/4	100	1000
PMHSS3820	3/8 x 2	3/8	1-3/4	25	250
PMHSS3822	3/8 x 2-1/2	3/8	1-3/4	25	250
PMHSS3830	3/8 x 3	3/8	1-3/4	25	250

L-Bolt Anchor

This foundation anchor is easy to install in wet concrete. This single-piece cast-in-place structural anchor is made of high-grade A307 steel and is available in plain and hot-dip galvanized finishes.

Features and Benefits

- **Nuts and washers are included** in each package
- Manufactured of **high grade ASTM A307, Grade C standard steel**

Materials/Finishes

- High-grade A307 steel, plain finish
- High-grade A307 steel, hot-dip galvanized, conforming to ASTM A153, Class C coating

Applications

- Cast-in place concrete



Hot-Dip Galvanized

Catalog No.	Anchor Dia.	Anchor Length	Hook Length	Thread Length	Pcs./Box	Pcs./Pallet
LBG1210	1/2	10	1-1/4	2 – 3	50	2500
LBG5810	5/8	10	1-1/2	3 – 4	25	1250
LBG5812	5/8	12	1-1/2	3 – 4	25	1250
LBG5816	5/8	16	1-1/2	3 – 4	25	1250
LBG5818	5/8	18	1-1/2	3 – 4	25	1250
LBG3412	3/4	12	2	3.5 – 4.5	25	1250
LBG3415	3/4	15	2	3.5 – 4.5	25	1250
LBG3416	3/4	16	2	3.5 – 4.5	25	1250
LBG3418	3/4	18	2	3.5 – 4.5	25	1250
LBG3424	3/4	24	2	3.5 – 4.5	25	1250
LBG3430	3/4	30	2	3.5 – 4.5	25	1250
LBG1018	1	18	2-1/2	4 – 5	10	200
LBG1024	1	24	2-1/2	4 – 5	10	200
LBG1030	1	30	2-1/2	4 – 5	10	200



Plain Carbon Steel

Catalog No.	Anchor Dia.	Anchor Length	Hook Length	Thread Length	Pcs./Box	Pcs./Pallet
LBP1210	1/2	10	1-1/4	2 – 3	50	2500
LBP5810	5/8	10	1-1/2	3 – 4	25	1250
LBP5812	5/8	12	1-1/2	3 – 4	25	1250
LBP5816	5/8	16	1-1/2	3 – 4	25	1250
LBP5818	5/8	18	1-1/2	3 – 4	25	1250
LBP3412	3/4	12	2	3.5 – 4.5	25	1250
LBP3415	3/4	15	2	3.5 – 4.5	25	1250
LBP3416	3/4	16	2	3.5 – 4.5	25	1250
LBP3418	3/4	18	2	3.5 – 4.5	25	1250
LBP3424	3/4	24	2	3.5 – 4.5	25	1250
LBP3430	3/4	30	2	3.5 – 4.5	25	1250
LBP1018	1	18	2-1/2	4 – 5	10	200
LBP1024	1	24	2-1/2	4 – 5	10	200
LBP1030	1	30	2-1/2	4 – 5	10	200

Standard Wing Toggle

This two-piece, light-duty anchor consists of a machine bolt and a spring wing toggle.

Features and Benefits

- Wing toggle spreads load over a wide area
- Snap-open action eases installation
- Adjustable to accommodate various wall thicknesses



Materials/Finishes

- Zinc-plated carbon steel

Applications

- Wallboard/drywall
- Block
- Hollow base materials

Zinc-Plated Carbon Steel

Catalog Number	Bolt Size	Drill Dia.	Thread Size	Box Quantity	Carton Quantity
TBM1830	1/8 x 3	1/2	6-32	50	500
TBM1840	1/8 x 4	1/2	6-32	50	500
TBM3630	3/16 x 3	9/16	10-24	50	500
TBM3640	3/16 x 4	9/16	10-24	50	500
TBM3650	3/16 x 5	9/16	10-24	50	500
TBM3660	3/16 x 6	9/16	10-24	50	400
TBM1430	1/4 x 3	11/16	1/4-20	50	400
TBM1440	1/4 x 4	11/16	1/4-20	50	400
TBM1450	1/4 x 5	11/16	1/4-20	50	400
TBM1460	1/4 x 6	11/16	1/4-20	50	400
TBM3830	3/8 x 3	1	3/8-16	25	200
TBM3840	3/8 x 4	1	3/8-16	25	200
TBM3850	3/8 x 5	1	3/8-16	25	200
TBM3860	3/8 x 6	1	3/8-16	25	200

Self-Drilling Drywall Anchor

This one-piece, light-duty anchor is designed for fast installation into wallboard/drywall.

Features and Benefits

- No pre-drilling necessary
- Clean and easy installation flush against the wall
- Deep thread design increases the bearing surface



Materials/Finishes

- Injection-molded nylon
- Zamac alloy

Applications

- 3/8" – 1" wallboard/drywall

Nylon

Catalog Number	Wall Thickness	Mating Screw Size	Includes Screws	Box Quantity	Carton Quantity
DWAN6	3/8 – 5/8	#6	–	100	1000
DWAN6S	3/8 – 5/8	#6	#6 x 1-1/4	100	1000
DWAN6B	3/8 – 5/8	#6	–	–	2500
DWAN8	3/8 – 1	#8	–	100	1000
DWAN8	3/8 – 1	#8	#8 x 1-1/4	100	1000
DWAN8B	3/8 – 1	#8	–	–	2500



Zinc Alloy

Catalog Number	Wall Thickness	Mating Screw Size	Includes Screws	Box Quantity	Carton Quantity
DWAS6	3/8 – 5/8	#6	–	100	1000
DWAS6S	3/8 – 5/8	#6	#6 x 1-1/4	100	1000
DWAS6B	3/8 – 5/8	#6	–	–	2500
DWAS8	3/8 – 1	#8	–	100	1000
DWAN8	3/8 – 1	#8	#8 x 1-1/4	100	1000
DWAN8B	3/8 – 1	#8	–	–	2500

POWER-Sert™ Adhesive Insert Anchor

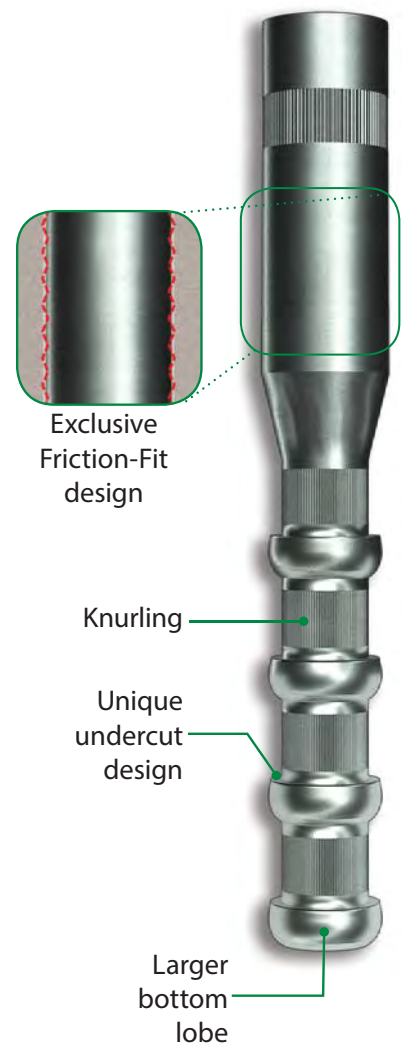
This anchor is a proprietary, internally-threaded insert designed for use with structural epoxies. Its unique undercut design requires less adhesive and a shallower embedment while providing superior holding values in a variety of base materials. Our exclusive FRICTION-FIT™ design locks the inserted anchor in place and allows immediate fastening of the fixture during cure time*. The POWER-Sert Adhesive Insert Anchor is the ultimate problem solver!

Features and Benefits

- **Exclusive FRICTION-FIT design** allows immediate fastening of fixture while adhesive cures*
- **Unique undercut design on lobes** provides superior holding values
- **Knurling between lobes** prevents rotation
- **Slightly larger bottom lobe** creates a keying effect at the deepest anchor point
- **Machine-lathed from a single piece of steel or stainless steel** – no weak points
- **Proprietary design** allows close edge distance and spacing
- **Does not apply expansion forces** to base material, allowing shorter spacing and edge distance requirements
- **Vibration-resistant** – adhesive bond withstands more seismic vibration loading than most standard mechanical anchors
- **Easy installation**
 - **Can be installed with fixtures or equipment already in place****
 - **No special tools** required
 - **Shallow and small diameter** hole helps avoid drill-through and hitting rebar
- **Uses half the amount of epoxy** compared to other adhesive insert anchors

* FRICTION-FIT™ without full adhesive cure is for **light-duty, temporary holding only** and produces far less than advertised ultimate holding values.

** Pre-drilled hole in fixture must be large enough to accommodate correct size of carbide-drill bit.



Materials/Finishes

- Zinc-plated carbon steel
- Type 304 stainless steel
- Type 316 stainless steel

Applications

- Normal weight concrete
- Lightweight concrete
- Solid masonry

POWER-Sert™ Adhesive Insert Anchor



Zinc-Plated Carbon Steel

Catalog Number	Thread Size	Anchor Size	Box Quantity	Carton Quantity
PS2-14	1/4 - 20	5/16 x 1-9/16	100	800
PS2-56	5/16 - 18	7/16 x 2-3/8	100	800
PS2-38	3/8 - 16	1/2 x 2-3/4	50	400
PS2-12	1/2 - 13	5/8 x 3-11/16	25	200
PS2-58	5/8 - 11	7/8 x 5-3/4	10	80
PS2-34	3/4 - 10	1 x 6-1/2	5	40
PS2-1	1 - 8	1-1/2 x 8-1/2	5	15



Type 304 Stainless Steel

Catalog Number	Thread Size	Anchor Size	Box Quantity	Carton Quantity
PSS-38	3/8 - 16	1/2 x 2-3/4	50	400
PSS-12	1/2 - 13	5/8 x 3-11/16	25	200



Type 316 Stainless Steel

Catalog Number	Thread Size	Anchor Size	Box Quantity	Carton Quantity
PS6-14	1/4 - 20	5/16 x 1-9/16	100	800
PS6-56	5/16 - 18	7/16 x 2-3/8	100	800
PS6-38	3/8 - 16	1/2 x 2-3/4	50	400
PS6-12	1/2 - 13	5/8 x 3-11/16	25	200
PS6-58	5/8 - 11	7/8 x 5-3/4	10	80
PS6-34	3/4 - 10	1 x 6-1/2	5	40
PS6-1	1 - 8	1-1/2 x 8-1/2	5	15

Inject-TITE™ (AW) All-Weather Adhesive

Inject-TITE AW is a two-component styrene-free, acrylic system used for anchoring and doweling applications in uncracked concrete using threaded rod and rebar. May be used in temperatures between: 15° F and 95° F (-9° C to 35° C).

General Uses/Applications

- Adhering dowel bars and tie bars for full-depth concrete repairs
- Short-term tensile anchoring and shear loading conditions in accordance with allowable stress design (ASD)
- Wide service temperature range between
 - » -40° F to 176° F (-40° C to 80° C)
- Moisture insensitive allowing installation and curing in damp water-saturated environments
- Bonding agent for fresh concrete to hardened concrete and hardened to hardened concrete
- Not recommended for any application where there may be a sustained tensile load, including overhead applications

Advantages and Features

- Ultra-fast 30-minute full cure time at 77° F (25° C) in dry concrete
- High bond strength with fast cure times
- Easily dispenses even at low temperatures
- Styrene-free
- Non-sag

Color and Ratio

- Part A (Resin) Beige: Part B (Hardener) Black
- Mixed Ratio: 10:1 by volume, Mixed Color – Light Gray

Storage and Shelf Life

- 18 months when stored in unopened containers in dry conditions. Store between 41°F (5°C) and 77 °F (25°C).



Inject-TITE (AW) All-Weather Adhesive

Catalog Number	Description	Quantity	Carton Quantity
EAW10	10.1 fl oz (300 ml) Cartridge	1	12
EAW28	28 fl oz (825 ml) Cartridge	1	8

* Each adhesive tube is supplied with one nozzle



Inject-TITE™ (FS) Fast-Set Adhesive

Inject-TITE FS is a 2-component, 1:1 mix ratio, structural epoxy system that offers exceptional strength in anchoring and doweling applications and can be used in temperatures from 40° F to 110° F (4° C to 43° C). Inject-TITE FS in cartridges has been tested in accordance with ASTM E488 and ASTM E1512 for its capability to resist static, dynamic, seismic and wind loads in uncracked concrete for both threaded rod and rebar.

General Uses/Applications

- Anchoring threaded rods, bolts, and rebar dowels into uncracked concrete
- Short- and long- term tensile anchoring, including wind, seismic and shear forces in accordance with allowable stress design (ASD)
- Grouting dowel bars and tie bars for full depth concrete pavement repairs
- Bonding agent for fresh to hardened concrete, and hardened to hardened concrete
- Not recommended for any application where there may be a sustained tensile load, including overhead applications

Advantages and Features

- Withstands freeze-thaw conditions
- Little or no odor
- Moisture insensitive allowing installation and curing in damp environments
- High modulus
- In-service temperature range between 35° F (2° C) and 180° F (82° C)

Color and Ratio

- Part A (Resin) White: Part B (Hardener) Black,
Mixed Ratio: 1:1, Mix Color - Concrete Gray

Storage and Shelf Life

- 28 months when stored in unopened containers in dry conditions. Store between 40° F (4° C) and 95° F (35° C).



Inject-TITE (FS) Fast-Set Adhesive

Catalog Number	Description	Quantity	Carton Quantity
EFS9	8.6 fl oz (254 ml) Cartridge	1	12
EFS21	21.2 fl oz (627 ml) Cartridge	1	12

* Each adhesive tube is supplied with one nozzle



Inject-TITE™ (P) Platinum Adhesive

Inject-TITE P is a two-component, styrene-free, adhesive system used for anchoring and doweling applications in cracked or uncracked concrete. May be used in temperatures between 14° F and 104° F (-10° C to 40° C).

General Uses/Applications

- Adhering dowel bars and tie bars for full-depth concrete repairs
- Moisture insensitive allowing installation and curing in damp water-filled environments
- Not recommended for applications with sustained tensile loads, including overhead applications

Advantages and Features

- High bond strength with fast cure times
- Certified for drinking water systems
- Styrene-free
- Non-sag
- Little or no odor
- LEED tested

Color and Ratio

- Part A (Resin) Light Beige: Part B (Hardener) Black,
Mixed Ratio: 10:1, Mixed Color - Light Gray

Storage and Shelf Life

- 18 months when stored in unopened containers in dry conditions. Store between 41° F (5° C) and 77° F (25° C)



Inject-TITE™ (P) Platinum

Catalog Number	Description	Quantity	Carton Quantity
EAWP10	10.1 fl oz (300 ml) Cartridge	1	12
EAWP28	28 fl oz (825 ml) Cartridge	1	8

* Each adhesive tube is supplied with one nozzle

Inject-TITE™ (HS) High-Strength Adhesive

Inject-TITE HS is a code-compliant, two-component, 1:1 mix ratio by volume, high-performance epoxy anchoring system approved for use in cartridges and in bulk with threaded rod and reinforcing bar for concrete conditions and with internally threaded inserts. It has an extended application temperature range between 43° F and 110° F (6° C and 43° C).

General Uses/Applications

- Anchoring threaded rod, reinforcing bar (rebar) or internally threaded inserts
- Suitable for dry, water saturated, water-filled and submerged (underwater) conditions
- Vertical down, horizontal, upwardly inclined and overhead installations

Advantages and Features

- Building code compliant in cartridge and bulk dispensing systems, IBC/IRC: 2018, 2015, 2012 and 2009
- Suitable for core drilled installations in dry or water saturated concrete
- Nationwide DOT approved or pending
- Made in the USA in accordance with CFR 49 section 50101

Color and Ratio

- Part A (Resin) White: Part B (Hardener) Dark Gray,
Mixed Ratio: 1:1, Mixed Color – Gray

Storage and Shelf Life

- 24 months when stored in unopened containers in dry and dark conditions.
Store between 40° F (4° C) and 95° F (35° C)



Inject-TITE™ (HS) High-Strength Adhesive

Catalog Number	Description	Quantity	Carton Quantity
EHS9	8.6 fl oz (254 ml) Cartridge	1	12
EHS21	21.2 fl oz (627 ml) Cartridge	1	12

* Each adhesive tube is supplied with one nozzle

Adhesive Accessories



Break-Off Mixing Nozzles

Catalog Number	Description	Box Quantity	Carton Quantity
ENEFS	FS Formula Nozzle	1	10
ENEAW	AW Formula Nozzle	1	10
ENEP	P Formula Nozzle	1	10



EHT10



EHT22



EHT28

Dispensing Tools

Catalog Number	Description	Quantity
EHT10	For 8.6 fl oz and 10.1 fl oz Cartridges	1
EHT22	For 20.5 fl oz Cartridges	1
EHT28	For 28 fl oz Cartridges	1

NOTE: Color of dispensing tool subject to change



Nylon Screen Tubes

Special plastic allows tube to be cut to desired length.

Catalog Number	Screen Size	Rod Dia.	Drill Bit Size	Box Quantity	Carton Quantity
ESCN3814	3/8 x 14	3/8	1/2	10	100
ESCN1214	1/2 x 14	1/2	5/8	10	100
ESCN5810	5/8 x 10	5/8	3/4	10	100
ESCN5814	5/8 x 14	5/8	3/4	10	100
ESCN3414	3/4 x 14	3/4	7/8	10	100



Stainless Steel Screen Tubes

Catalog Number	Screen Size	Rod Dia.	Drill Bit Size	Box Quantity	Carton Quantity
ESCS3832	3/8 x 3-1/2	3/8	1/2	10	250
ESCS3860	3/8 x 6	3/8	1/2	10	100
ESCS3810	3/8 x 10	3/8	1/2	10	100
ESCS1232	1/2 x 3-1/2	1/2	5/8	10	250
ESCS1260	1/2 x 6	1/2	5/8	10	100
ESCS1210	1/2 x 10	1/2	5/8	10	100
ESCS5860	5/8 x 6	5/8	3/4	10	100
ESCS5810	5/8 x 10	5/8	3/4	10	100
ESCS3410	3/4 x 10	3/4	7/8	10	100
ESCS3413	3/4 x 13	3/4	7/8	10	100



SDS-Plus® Premium Drill Bit – 2 Cutting Edges

These carbide-tipped drill bits feature a centering tip that allows exact hole placement and greatly reduces bit walking. A large relief cut in the fluting below the carbide reduces friction during dust removal, reducing heat and increasing bit life. Box fluting decreases vibration back into the tool and increases operator comfort during drilling.

Catalog Number	Drill Bit Size	Usable Length	Quantity
SDS5324	5/32 x 4	2	1
SDS5326	5/32 x 6	4	1
SDS3164	3/16 x 4	2	1
SDS3166	3/16 x 6	4	1
SDS3168	3/16 x 8	6	1
SDS31612	3/16 x 12	10	1
SDS7326	7/32 x 6	4	1
SDS7328	7/32 x 8	6	1
SDS73210	7/32 x 10	8	1
SDS73216	7/32 x 16	14	1
SDS1440	1/4 x 4	2	1
SDS1460	1/4 x 6	4	1
SDS1480	1/4 x 8	6	1
SDS1410	1/4 x 10	8	1
SDS1411	1/4 x 11	9	1
SDS1412	1/4 x 12	10	1
SDS1416	1/4 x 16	14	1
SDS1418	1/4 x 18	16	1
SDS1420	1/4 x 20	18	1
SDS5166	5/16 x 6	4	1
SDS5168	5/16 x 8	6	1
SDS51612	5/16 x 12	10	1
SDS51618	5/16 x 18	16	1
SDS3860	3/8 x 6	4	1
SDS3880	3/8 x 8	6	1
SDS3810	3/8 x 10	8	1
SDS3812	3/8 x 12	10	1
SDS3818	3/8 x 18	16	1
SDS3824	3/8 x 24	22	1
SDS7166	7/16 x 6	4	1
SDS71612	7/16 X 12	10	1
SDS1260	1/2 x 6	4	1
SDS1280	1/2 x 8	6	1
SDS1210	1/2 x 10	8	1
SDS1212	1/2 x 12	10	1
SDS1218	1/2 x 18	16	1
SDS1224	1/2 x 24	22	1
SDS9166	9/16 x 6	4	1
SDS91612	9/16 x 12	10	1
SDS91618	9/16 x 18	16	1
SDS91624	9/16 x 24	22	1

Selection table continued on following page

SDS-Plus® Premium Drill Bit – 2 Cutting Edge, *continued*

Catalog Number	Drill Bit Size	Usable Length	Quantity
SDS5860	5/8 x 6	4	1
SDS5880	5/8 x 8	6	1
SDS5812	5/8 x 12	10	1
SDS5818	5/8 x 18	16	1
SDS5824	5/8 x 24	22	1
SDS11168	11/16 x 8	6	1
SDS3480	3/4 x 8	6	1
SDS3410	3/4 x 10	8	1
SDS3412	3/4 x 12	10	1
SDS3418	3/4 x 18	16	1
SDS3424	3/4 x 24	22	1
SDS7880	7/8 x 8	6	1
SDS7810	7/8 x 10	8	1
SDS7812	7/8 x 12	10	1
SDS7818	7/8 x 18	16	1
SDS7824	7/8 x 24	22	1
SDS1010	1 x 10	8	1
SDS1012	1 x 12	10	1
SDS1018	1 x 18	16	1
SDS1024	1 x 24	22	1
SDS11812	1-1/8 x 12	10	1
SDS11818	1-1/8 x 18	16	1

BULK: SDS-Plus Premium Drill Bit – 2 Cutting Edges

Catalog Number	Drill Bit Size	Usable Length	Quantity
SDS5326B	5/32 x 6	4	25
SDS3164B	3/16 x 4	2	25
SDS3166B	3/16 x 6	4	25
SDS3168B	3/16 x 8	6	25
SDS31612B	3/16 x 12	8	25
SDS7326B	7/32 x 6	4	25
SDS7328B	7/32 x 8	6	25
SDS73210B	7/32 x 10	8	25
SDS1440B	1/4 x 4	2	25
SDS1460B	1/4 x 6	4	25
SDS1480B	1/4 x 8	6	25
SDS1412B	1/4 x 12	8	25
SDS5166B	5/16 x 6	4	25
SDS3860B	3/8 x 6	4	25
SDS3812B	3/8 x 12	10	25
SDS1260B	1/2 x 6	4	25
SDS1212B	1/2 x 12	10	25



SDS-Plus® STOP Drill Bit – 3 Cutting Edges

These carbide-tipped drill bits feature a centering tip that allows exact hole placement and depth stopper that allows precise and repetitive control over the drilling depth. This is the ideal drill bit for Drop-In Anchor installations.

Catalog Number	Drill Bit Dia.	Usable Length	Quantity
STOP38116	3/8 x 1-1/16	1-1/16	1
STOP121316 - Short	1/2 x 13/16	13/16	1
STOP1211116	1/2 x 1-11/16	1-11/16	1
STOP581116 - Short	5/8 x 1-1/16	1-1/16	1
STOP582116	5/8 x 2-1/16	2-1/16	1



SDS-Plus® with Hex Shank Drill Bit

These carbide-tipped drill bits feature a hex shank that allows for quick change from drilling to driving.

Catalog Number	Drill Bit Size	Usable Length	Quantity
SDSH5325	5/32 x 5	2-3/8	1
SDSH5327	5/32 x 7	4-1/8	1
SDSH3165	3/16 x 5	2-3/8	1
SDSH3167	3/16 x 7	4-1/8	1
SDSH1450	1/4 x 5	2-3/8	1
SDSH1470	1/4 x 7	4-1/8	1



SDS-Max® Drill Bit – 6 Cutting Edges

These carbide-tipped drill bits feature 6 cutting edges. Their robust design reduces vibration and noise and helps prevent carbide tip breakage even when encountering rebar.

Catalog Number	Drill Bit Size	Usable Length	Quantity
SDSMX3813	3/8 x 13	7-1/2	1
SDSMX1213	1/2 x 13	7-1/2	1
SDSMX1221	1/2 x 21	15-1/2	1
SDSMX91613	9/16 x 13	7-1/2	1
SDSMX91621	9/16 x 21	15-1/2	1
SDSMX5813	5/8 x 13	7-1/2	1
SDSMX5821	5/8 x 21	15-1/2	1
SDSMX5836	5/8 x 36	30-1/2	1
SDSMX111621	11/16 x 21	15-1/2	1
SDSMX3413	3/4 x 13	8	1
SDSMX3421	3/4 x 21	17	1
SDSMX3436	3/4 x 36	31	1
SDSMX7813	7/8 x 13	8	1
SDSMX7821	7/8 x 21	17	1
SDSMX7836	7/8 x 36	31	1
SDSMX7851	7/8 x 51	46	1
SDSMX1013	1 x 13	8	1
SDSMX1021	1 x 21	17	1
SDSMX1036	1 x 36	31	1
SDSMX11821	1-1/8 x 21	17	1
SDSMX11836	1-1/8 x 36	31	1
SDSMX11851	1-1/8 x 51	46	1

Selection table continued on following page

SDS-Max® Drill Bit – 6 Cutting Edges, *continued*

Catalog Number	Drill Bit Size	Usable Length	Quantity
SDSMX131613	1-3/16 x 13	8	1
SDSMX131621	1-3/16 x 21	17	1
SDSMX131636	1-3/16 x 36	31	1
SDSMX11421	1-1/4 x 21	17	1
SDSMX11423	1-1/4 x 23	18	1
SDSMX11436	1-1/4 x 36	31	1
SDSMX11451	1-1/4 x 51	46	1
SDSMX13813	1-3/8 x 13	8	1
SDSMX13821	1-3/8 x 21	17	1
SDSMX13823	1-3/8 x 23	18	1
SDSMX13836	1-3/8 x 36	31	1
SDSMX13851	1-3/8 x 51	46	1
SDSMX11213	1-1/2 x 13	8	1
SDSMX11221	1-1/2 x 21	16	1
SDSMX11223	1-1/2 x 23	18	1
SDSMX11227	1-1/2 x 27	22	1
SDSMX13421	1-3/4 x 21	17	1
SDSMX13423	1-3/4 x 23	18	1
SDSMX23023	2 x 23	18	1



Spline Drill Bit – 2 Cutting Edges

These carbide-tipped drill bits feature a centering tip that allows exact hole placement and greatly reduces bit walking. A large relief cut in the fluting below the carbide reduces friction during dust removal, reducing heat and increasing bit life. Box fluting decreases vibration back into the tool and increases operator comfort during drilling.

Catalog Number	Drill Bit Size	Drill Bit Size	Usable Length	Quantity
SPL3810	3/8 x 10	3/8	5	1
SPL3813	3/8 x 13	3/8	8	1
SPL3816	3/8 x 16	3/8	11	1
SPL1210	1/2 x 10	1/2	5	1
SPL1213	1/2 x 13	1/2	8	1
SPL1216	1/2 x 16	1/2	11	1
SPL1222	1/2 x 22	1/2	17	1
SPL1229	1/2 x 29	1/2	24	1
SPL1236	1/2 x 36	1/2	31	1
SPL91613	9/16 x 13	9/16	8	1
SPL91616	9/16 x 16	9/16	11	1
SPL91623	9/16 x 23	9/16	17	1



Spline Drill Bit – 6 Cutting Edges

These carbide-tipped drill bits feature 6 cutting edges. Their robust design reduces vibration and noise and helps prevent carbide tip breakage even when encountering rebar.

Catalog Number	Drill Bit Size	Usable Length	Quantity
SPL5810	5/8 x 10	5	1
SPL5813	5/8 x 13	8	1
SPL5816	5/8 x 16	11	1
SPL5822	5/8 x 22	17	1
SPL5829	5/8 x 29	24	1
SPL5836	5/8 x 36	31	1
SPL3413	3/4 x 13	8	1
SPL3416	3/4 x 16	11	1
SPL3422	3/4 x 22	17	1
SPL3429	3/4 x 29	24	1
SPL3436	3/4 x 36	31	1
SPL7816	7/8 x 16	11	1
SPL7822	7/8 x 22	17	1
SPL7836	7/8 x 36	31	1
SPL1016	1 x 16	11	1
SPL1022	1 x 22	17	1
SPL1036	1 x 36	31	1
SPL11816	1-1/8 x 16	11	1
SPL11822	1-1/8 x 22	17	1
SPL11416	1-1/4 x 16	11	1
SPL11422	1-1/4 x 22	17	1
SPL13816	1-3/8 x 16	11	1
SPL13822	1-3/8 x 22	17	1
SPL11218	1-1/2 x 16	11	1
SPL11222	1-1/2 x 22	17	1
SPL13422	1-3/4 x 22	17	1
SPL20122	2 x 22	17	1



Wej-Con® Concrete Screw Drill Bit

This carbide-tipped drill bit is designed to drill pilot holes for the Wej-Con Concrete Screw.

Catalog Number	Drill Bit Size	Usable Length	Quantity
TAP53232	5/32 x 3-1/2	2	1
TAP53242	5/32 x 4-1/2	2-3/4	1
TAP53252	5/32 x 5-1/2	4	1
TAP31632	3/16 x 3-1/2	1-3/4	1
TAP31642	3/16 x 4-1/2	2-3/4	1
TAP31652	3/16 x 5-1/2	4	1



SDS-Plus® Rebar Cutter Drill Bit – One-Piece

These carbide-tipped drill bits feature ADX multi-cutter head design, significantly reducing arm-hand-vibration.

- Generous spiral flute entrance geometry for fast drill dust evacuation.
- Unsurpassed drilling performance in concrete and stone and even embedded rebar and metal concrete deck.

Catalog Number	Drill Bit Size	Usable Length	Quantity
REB131641	3/16 x 4-1/4	2	1
REB131661	3/16 x 6-1/4	4	1
REB131681	3/16 x 8-1/4	6	1
REB1316101	3/16 x 10-1/4	8	1
REB1316121	3/16 x 12-1/4	10	1
REB11441	1/4 x 4-1/4	2	1
REB11461	1/4 x 6-1/4	4	1
REB11480	1/4 x 8	6	1
REB114101	1/4 x 10-1/4	8	1
REB114121	1/4 x 12-1/4	10	1
REB151660	5/16 x 6	4	1
REB151612	5/16 x 12	10	1
REB151618	5/16 x 18	16	1
REB13860	3/8 x 6	4	1
REB13812	3/8 x 12	10	1
REB13818	3/8 x 18	16	1
REB1716614	7/16 x 6-1/4	4	1
REB17161214	7/16 x 12-1/4	10	1
REB171618	7/16 x 18	16	1
REB11260	1/2 x 6	4	1
REB11212	1/2 x 12	10	1
REB11218	1/2 x 18	16	1
REB191660	9/16 x 6	4	1
REB191612	9/16 x 12	10	1
REB191618	9/16 x 18	16	1
REB15880	5/8 x 8	6	1
REB15810	5/8 x 10	8	1
REB15812	5/8 x 12	10	1
REB15818	5/8 x 18	16	1
REB13480	3/4 x 8	6	1
REB13410	3/4 x 10	8	1
REB13412	3/4 x 12	10	1
REB13418	3/4 x 18	16	1
REB17880	7/8 x 8	6	1
REB17810	7/8 x 10	8	1
REB17812	7/8 x 12	10	1
REB17818	7/8 x 18	16	1
REB11010	1 x 10	8	1
REB11012	1 x 12	10	1
REB11018	1 x 18	16	1
REB111810	1-1/8 x 10	8	1
REB111818	1-1/8 x 18	16	1
REB111418	1-1/4 x 18	16	1



SDS-Plus® Ratio Rebar Cutter Drill Bit – Two-Piece

These carbide-tipped drill bits feature a unique two-piece design that allows for the use of standard rotary hammer drill bits in reinforced concrete.

Catalog Number	Drill Bit Size	Usable Length	Quantity
REB21290	1/2 x 9	7-1/2	1
REB21218	1/2 x 18	16	1
REB291690	9/16 x 9	7-1/2	1
REB291618	9/16 x 18	16	1
REB25890	5/8 x 9	7-1/2	1
REB25818	5/8 x 18	16	1
REB2111690	11/16 x 9	7-1/2	1
REB2111618	11/16 x 18	16	1
REB23490	3/4 x 9	7-1/2	1
REB23418	3/4 x 18	16	1
REB27890	7/8 x 9	7-1/2	1
REB27818	7/8 x 18	16	1
REB21090	1 x 9	7-1/2	1
REB21018	1 x 18	16	1
REB211890	1-1/8 x 9	7-1/2	1
REB211818	1-1/8 x 18	16	1
REB211490	1-1/4 x 9	7-1/2	1
REB211418	1-1/4 x 18	16	1
REB101	SDS-plus® Adapter		1



Dustless Vacuum Drill Bits

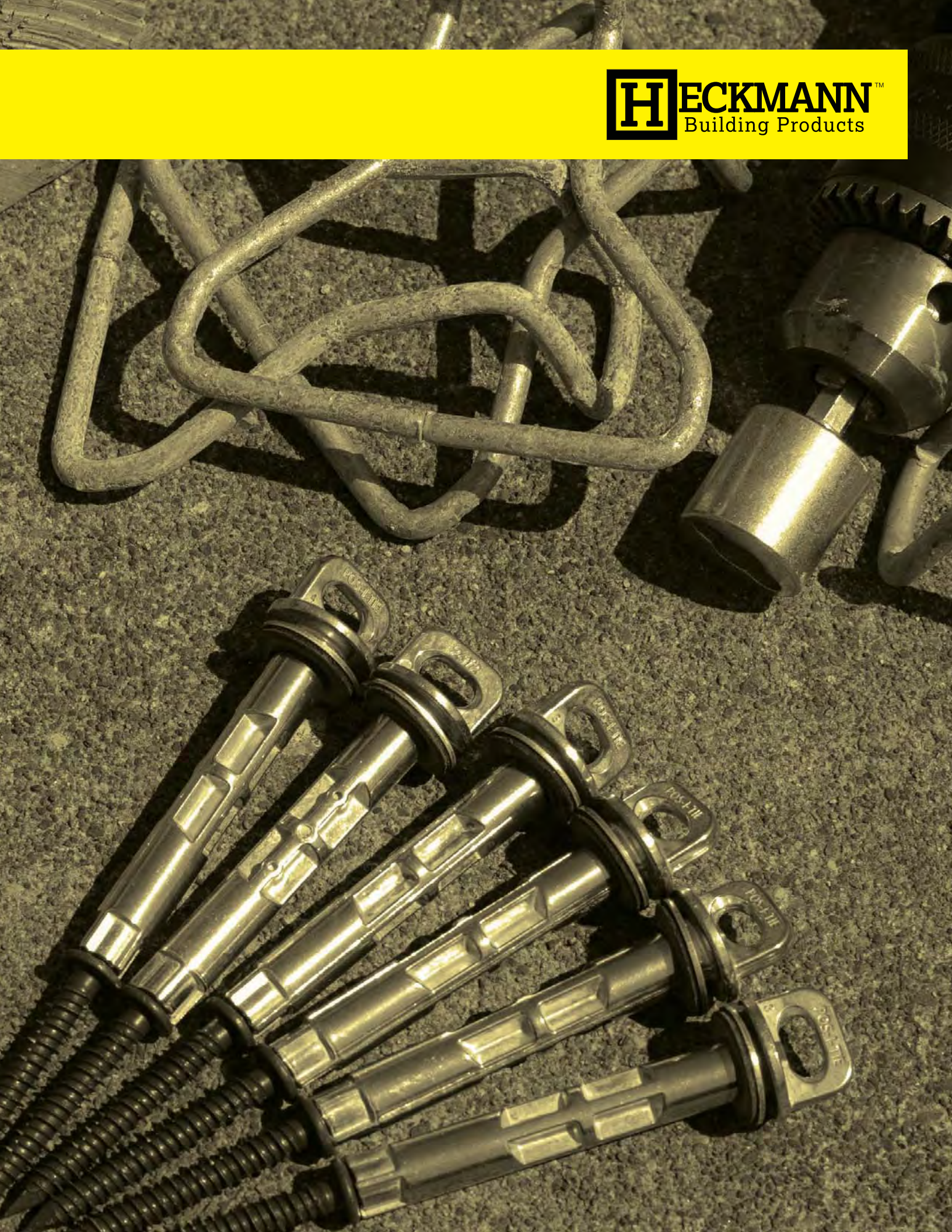
This drill bit provides high-performance drilling while leaving a clean, dustless work area. Available in SDS-Max and SDS-Plus.

SDS-Plus® Dustless Vacuum Drill Bit

Catalog Number	Drill Bit Size	Usable Length	Quantity
VACSDS38	3/8 x 12-1/2	7-7/8	1
VACSDS12	1/2 x 14-1/2	9-3/4	1
VACSDS916	9/16 x 14-1/2	9-3/4	1
VACSDS58	5/8 x 14-1/2	9-3/4	1
VACSDS34	3/4 x 14-1/2	9-3/4	1
VACSDS78	7/8 x 14-1/2	9-3/4	1

SDS-Max® Dustless Vacuum Drill Bit

Catalog Number	Drill Bit Size	Usable Length	Quantity
VACSDSMX12	1/2 x 23-1/2	15-1/2	1
VACSDSMX58	5/8 x 23-1/2	15-1/2	1
VACSDSMX34	3/4 x 23-1/2	15-1/2	1
VACSDSMX78	7/8 x 23-1/2	15-1/2	1
VACSDSMX10	1 x 23-1/2	15-1/2	1
VACSDSMX118	1-1/8 x 23-1/2	15-1/2	1
VACSDSMX114	1-1/4 x 23-1/2	15-1/2	1



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Materials and Finishes

Stainless Steel: Stainless Steel provides the greatest level of corrosion resistance in most building environments and is especially recommended for use with stone subject to staining and in exterior walls. ASTM A 666*, ASTM A 240*, ASTM A 480*, ASTM A580* Type 304 2B Finish. (Also available in Type 316)

Hot-dip Galvanized After Fabrication: ASTM A 153. Class B-2: (1.50 oz/ft²)(0.46kg/m²)*

Mill Galvanized: ASTM A653 G60.* ASTM A 641 (0.1 oz/ft²)*

Uncoated Steel:

Sheets: ASTM A 1008/A 1008M

Wire: ASTM A1064/1064M

Plates, Bars, and Shapes: ASTM A36/A 36-M96

Wire Reinforcement: ASTM A951 / A951M-06

* TMS 402 CODE REQUIREMENTS

TMS 402 Building Code • International Building Code

The following information is a summary of the Masonry Veneer Anchor Requirements from the current 2016 TMS 402 which is referenced in the 2018 IBC.

General Code requirements

- Anchors for Exterior Walls must be Hot-dip Galvanized After Fabrication or 300 Series Stainless Steel
- Anchors for Interior Walls may be Hot-dip Galvanized After Fabrication, 300 Series Stainless Steel or Mill Galvanized
- Drips in anchors are NOT allowed. Drips were popular years ago for water migration, but the compression loads are greatly reduced so they are no longer permitted
- Veneer anchors are embedded in the mortar joint a minimum of 1-1/2" from the backup with at least 5/8" mortar cover to the outside face
- Minimum airspace is 1"

There are 5 types of **veneer anchors**:

1. **Corrugated:** One-piece, fully-corrugated strips that are bent in the field. Minimum thickness is 22 gauge. Minimum width is 7/8". They can be used only with wood frame backup walls with a maximum 1" airspace.
2. **Sheet Metal:** One-piece, factory-bent L-Type anchors with a minimum thickness of 16 gauge and a minimum width of 7/8". They can be used only with wood frame backup walls and are allowable for airspaces over 1"
3. **Wire Type:** Minimum 9 gauge (0.1483") diameter with ends bent to form an extension from the bend a minimum of 2" in the veneer. The majority of wire-type anchors are 3/16" diameter. Permitted with wood frame backup and CMU backup only.
4. **Two-Piece Adjustable:** Consisting of an anchor attached to the backup with a wire tie that gives vertical adjustment within the backup anchor for placement into the veneer mortar joint. When adjustable anchors consist of a "pintle" and an "eye", the connecting parts must fit together to allow a maximum of 1/16" movement between the two parts and a maximum offset of 1-1/4" between the two parts. Two Piece Adjustable anchors are allowed for backups of Wood, Steel, Concrete or CMU.
5. **Wire Reinforcement:** Pintle and eye reinforcement or 3-wire ladder type are allowed. Minimum 9 gauge diameter wire with cross wires a maximum of 16" on center. For cavities exceeding 4-5/8" a minimum 3/16" diameter wire is required. Used with CMU backup only.

Additional Code Information For Masonry Anchors

- Anchor thickness in masonry joints cannot be greater than one-half the joint thickness (3/8" joint would have a maximum anchor thickness of 3/16")
- Anchors in the veneer must be at least 1-1/2" in from the backup but no closer to the veneer face than 5/8"
- Two-piece adjustable veneer anchors and 22 gauge corrugated sheet-metal anchors are spaced at least one anchor every 2.67 ft². All other veneer anchors are spaced one anchor for each 3.5 ft².
- Corrugated sheet-metal anchors and sheet-metal anchors are only allowed with wood backups
- Wire anchors are permitted with wood or masonry backups
- Steel Stud and concrete backups require two-piece adjustable anchors
- Seismic anchors with clips or hooks for mechanically attaching the veneer to the backup with a joint reinforcement wire have been eliminated by the TMS402 code in 2013

THE CONTRACTOR'S CHOICE



Pos-I-Tie®
MASONRY VENEER ANCHORING SYSTEM

For over 30 years, the Pos-I-Tie® Masonry Anchoring System has been the mason contractor's premier anchor of choice.

Specified by architects and preferred by contractors, the choice is easy!

The original.. and *still* the best!

THE FIRST BARREL SCREW

Premiering in 1985, the Pos-I-Tie® was the first barrel-screw masonry anchor to simultaneously penetrate the exterior insulation, make positive contact with the backup for transfer of lateral loads, and seal the hole in the insulation with an EPDM washer under the barrel head.

2-in-1 CONVENIENCE

Combined with the #610 Thermal-Grip® washer, the Pos-I-Tie® doubles as an insulation fastener and a masonry anchor, reducing the number of penetrations in the insulation.

THREE STYLES

- The Original Pos-I-Tie®
- The Pos-I-Tie® ThermalClip®
- The Pos-I-Tie® KeyBolt

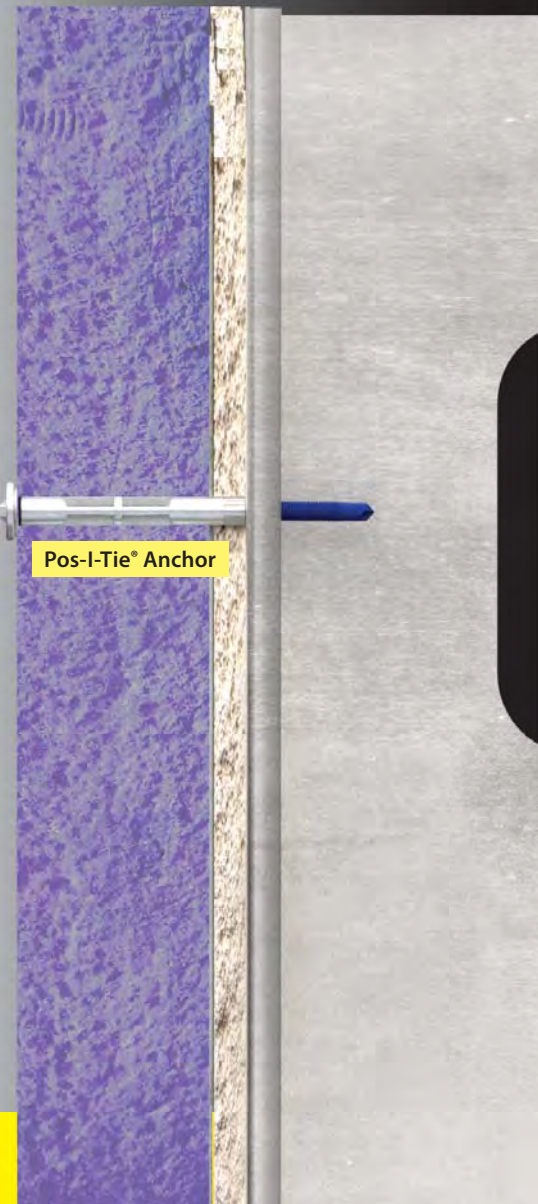
NO INFERIOR SCREWS

To ensure optimal stability and longevity, the screw is an integrated part of the Pos-I-Tie® system, thus no inferior screws can be substituted. The screws themselves are heat treated and plated for maximum corrosion resistance, while the barrel is manufactured of ZAMAC 2, a 92% zinc alloy.

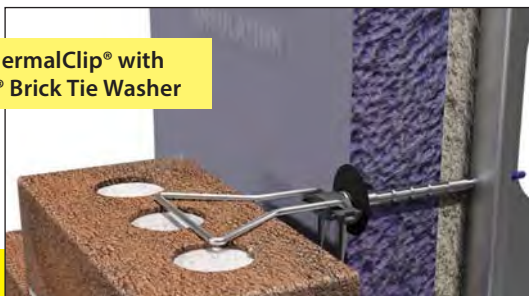
INSTALLS SAFELY

Other anchors with spinning wings can cause injuries during installation.

The Pos-I-Tie® barrel screw installs safely with a rounded head and round chuck adapter, keeping fingers out of harm's way. This allows for consistent and efficient installation.



Pos-I-Tie® ThermalClip® with Thermal-Grip® Brick Tie Washer



Original Pos-I-Tie® Anchoring Systems

Compatible with all back-up walls

Self-Drilling Screw



Used for:
steel stud
18 ga – 14 ga



Concrete/CMU Screw



Used for:
concrete, CMU,
wood, brick, ICF



Structural Screw



Used for:
structural steel



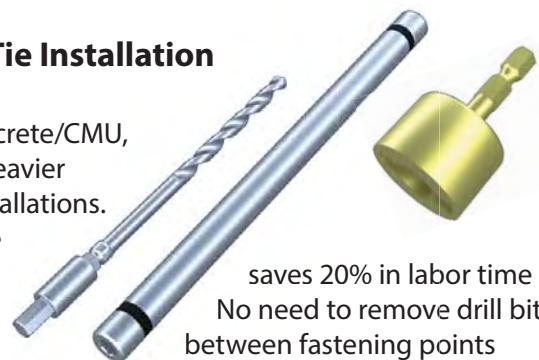
Barrel Lengths

- Standard: 5/8", 1", 1-1/2", 2", 2-1/2", 3", 3-1/2", 4", and 4-1/2"
- Custom lengths are available in 1/2" increments

Original Pos-I-Tie Installation Tool

Sleeve tool for concrete/CMU, wood, brick, and heavier structural steel installations.

- Using the sleeve



saves 20% in labor time
No need to remove drill bit
between fastening points

Pos-I-Tie® Triangle Tie

Dimensions:

- 3/16" diameter

Materials:

- Mill galvanized steel
- Stainless steel
- Hot-dip galvanized after fabrication

All wire ties can be modified with a 20 gauge Seismic Hook tab for holding masonry reinforcement or pencil rod. These are factory-welded to the Pos-I-Tie® Wire Ties and meet Seismic Zone requirements. (The current building codes no longer require the use of exterior veneer reinforcement tied back through the wire ties to the backup.)



Triangle Tie



Seismic Tie

Thermal-Grip® Plastic Washers



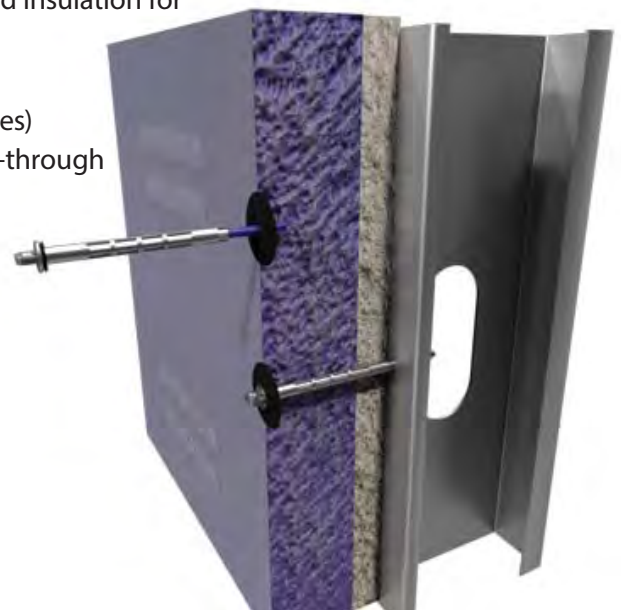
610-S



Insulation manufacturers recommend the use of oversized washers to prevent wind blow-off during construction. These are typically installed 12" o.c. around the perimeter, and 16" o.c. throughout the sheet. Several insulation manufacturers require these washers for foil-faced insulation. Thermal-Grip® washers are designed for use with the Pos-I-Tie® Veneer Anchoring System. Prongs enable pre-spotting into rigid insulation for fast on-the-wall fastener assembly.

Features

- 2" dia. plastic washer with solid cap design (no keyholes)
- Stiffened center "bullseye" ring prevents fastener pull-through
- Flexible perimeter compresses on surface
- Prongs pre-spot into insulation
- Carbon black UV stabilizers
- Use with Pos-I-Tie® Brick Veneer Anchoring System
- Flattens on surface of insulation



Pos-I-Tie® ThermalClip® System

The Pos-I-Tie ThermalClip® is designed to be used with the Original Pos-I-Tie Veneer Anchoring System. This new breakthrough in masonry construction adds thermal-break technology to all of the advantages of the Original Pos-I-Tie® Veneer Anchoring System. It has passed NFPA 285 Testing as part of the CavityComplete® Wall system.

Features

- Decreases thermal transfer
- Highly flame-resistant
- Prevents galvanic reaction from dissimilar metals
- Allows for vertical adjustment of 1-1/4" above and below the barrel
- Transfers compression and tension loads to structural backup
- Tolerant in "freeze-thaw" conditions and with alkaline in mortar
- Offers speedy cost-saving installation

Wire Ties

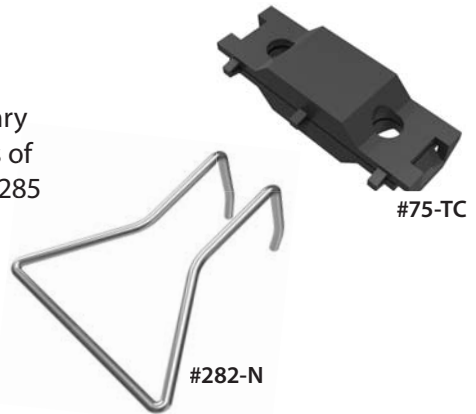
#282-N Pintle Wire Tie for Pos-I-Tie ThermalClip®

Dimensions:

- 3/16" diameter

Materials:

- Type 304 stainless steel
- Hot-dip galvanized after fabrication



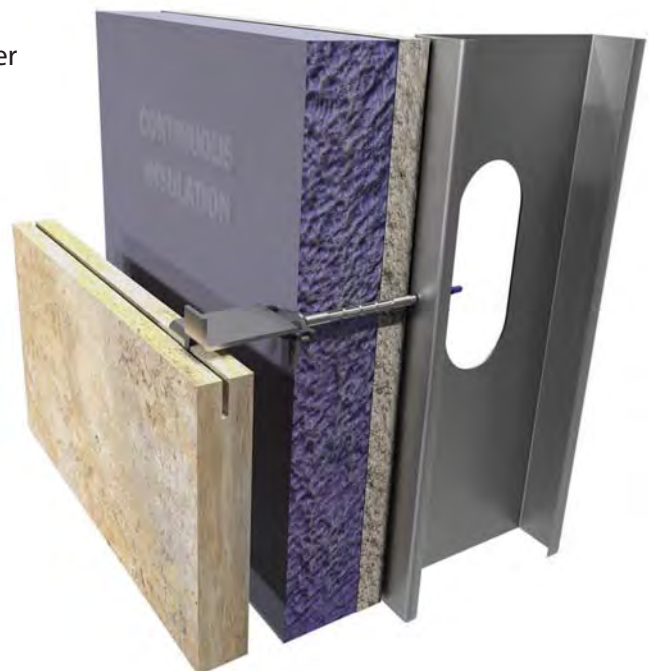
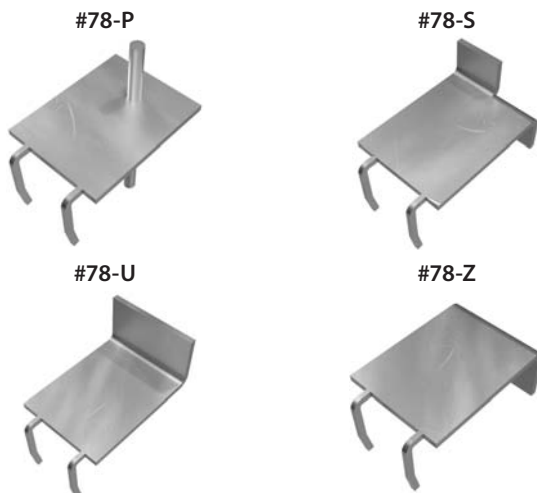
Pos-I-Tie® Stone Anchors

Dimensions:

- 1/8" or 3/16" thick x 2" wide only
- Vertical pintles for ThermalClip® are 1-1/8" center to center

Materials:

- Type 304 stainless steel

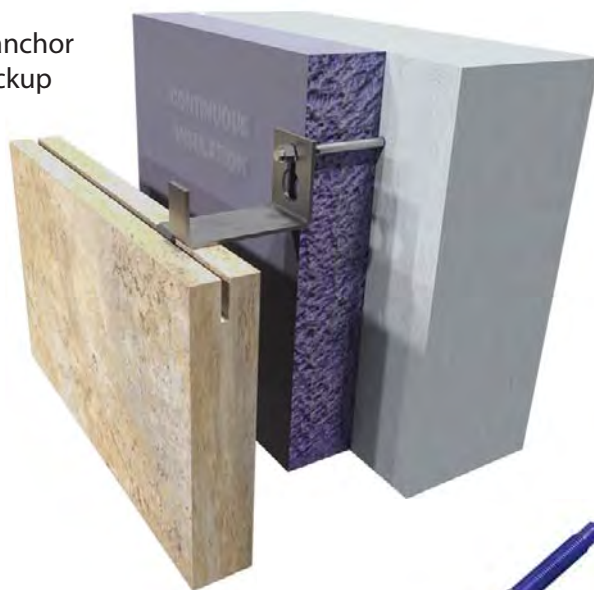


Pos-I-Tie® KeyBolt System

The Pos-I-Tie® KeyBolt is designed for easy and effective stone anchor attachment where sheathing/insulation is installed over the backup wall. The KeyBolt system penetrates the sheathing, drills into the backup, and seals the hole to avoid water/air penetration. All compression loads are transferred to the backup through the KeyBolt without damaging the sheathing. When ordering, specify the type of stone anchor with the "KeyBolt Slot".

Features

- Ideal solution for stone veneer anchorage over sheathing and insulation
- Completely seals the hole blocking ALL air and moisture penetration
- Offers speedy cost-saving installation
- Allows for use of 4' x 8' insulation sheets
- Stainless steel



KeyBolt Barrel Components

1. Pos-I-Tie® keybolt barrel (including 2 hex nuts and EPDM washer)
2. Barrel screw (self-drilling screw, concrete screw, or structural steel screw)
3. Anchor with KeyBolt Slot



Pos-I-Tie® KeyBolt Lengths

The Pos-I-Tie® KeyBolt Barrel is design to drill through the sheathing of an exterior wall and directly into the backup wall. It is available in 8 lengths to accommodate different sheathing thicknesses from 5/8" to 4-1/2".

Steel Stud Catalog Number	CMU/Concrete Catalog Number	Sheathing Thickness	Barrel Screw Overall Length
75KBSA	75KBSACON	5/8" – 1-1/4"	2"
75KBSB	75KBSBCON	1-1/4" – 2"	2-5/8"
75KBSC	75KBSCCON	2" – 2-1/2"	3-1/8"
75KBSD	75KBSDCON	2-1/2" – 3"	3-5/8"
75KBSE	75KBSECON	3" – 3-1/2"	4-1/8"
75KBSF	75KBSFCON	3-1/2" – 4"	4-5/8"
75KBSG	75KBSGCON	4" – 4-1/2"	5-1/8"
75KBSH	75KBSHCON	4-1/2" – 5"	5-5/8"

KeyBolt Stone Anchors

Available 1/4" – 16 gauge. Minimum width is 1-1/2". KeyBolt slot bend is a minimum of 2-1/4" O.D.



Screw-On Anchors

Dovetail Triangular Veneer Anchor

One-piece, non-adjustable anchors used for attaching brick veneer to an existing wall.

Dimensions:

- Standard size: 14 gauge x 1" wide clip with a 5/16" diameter hole attached to a 3/16" diameter wire triangle tie
- Lengths: 3", 4", 5", 6", 7", 9"
- Custom triangle tie lengths available on request

Material:

- Stainless steel
- Hot-dip galvanized after fabrication



#103-C



Adjustable Anchors

Two-piece, adjustable anchors used to attaching brick veneer to a masonry wall with appropriate fasteners. Use #316 Triangle Wire Ties for anchoring to masonry veneer (see page 84).

Screw-On Anchor Strap

Dimensions:

- 12 gauge x 7/8" wide x 6-1/2" long with 1/4" diameter holes

Material:

- Stainless steel
- Hot-dip galvanized after fabrication

#315-C



Screw-On Anchor Plate

Dimensions:

- 14 ga. or 12 ga. x 1-1/4" wide x 6-1/2" long with 1/4" diameter holes

Material:

- Stainless steel
- Hot-dip galvanized after fabrication

#315-D



Pos-I-Tie® CMU Barrel Screw System

See pages 68 – 69 for details.

- Use the Pos-I-Tie® sleeve tool for speedy installation in sheathing 4" or less
- The sleeve tool allows drilling the hole and installing the barrel screw with one drill
- Using the #610 Thermal-Grip® washer allows the Pos-I-Tie® to be a masonry anchor AND a continuous insulation fastener



Rigid Steel Anchors for Intersecting Walls



#272

Rigid Steel Anchor

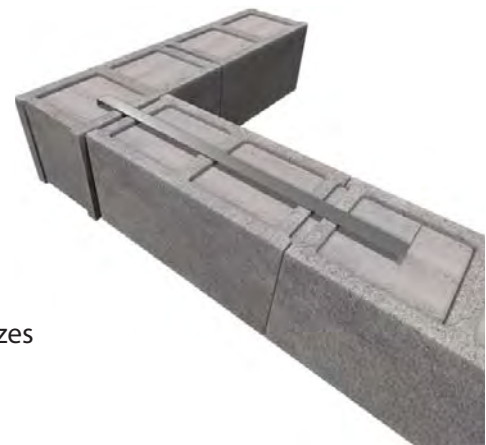
Used as a tie between intersecting masonry walls. The TMS402 Building Code requires placement every 4 feet vertically and the cells must be grouted.

Dimensions:

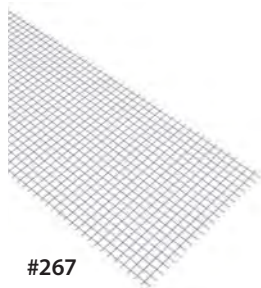
- 1/4" thick x 1-1/2" wide x 24" long with 2" bends
- See (page 88) #140 Z-Type Stone Anchor for custom sizes

Material:

- Hot-dip galvanized after fabrication



Mesh Wall Ties



#267

Plastic Mesh Wall Tie

Used to prevent grout from falling through the block core

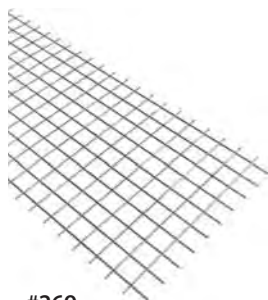
- Allows mortar bond between blocks

Dimensions:

- Available in 100 ft. rolls for 6", 8", 10" and 12" block

Material:

- Manufactured from 1/4" x 1/4" monofilament that is corrosion-proof and biologically inert



#269

Wire Mesh Wall Tie

Used as a tie between intersecting masonry walls.

Dimensions:

- 4" x 8" 1/4" square mesh
- Custom sizes are available

Material:

- Hot-dip galvanized after fabrication



Control Joint Anchor



#353

- Allows for load transfer across control joints
- Inhibits lateral movement
- Resists out-of-plane shear forces while allowing for in-plane movement of the masonry

Dimensions:

- Thickness: 22 gauge
- Length: 1-1/2" wide x 10" overall length

Materials:

- Stainless to stainless
- Stainless to plastic
- Mill galvanized to mill galvanized



Masonry Wall Reinforcements

Dimensions:

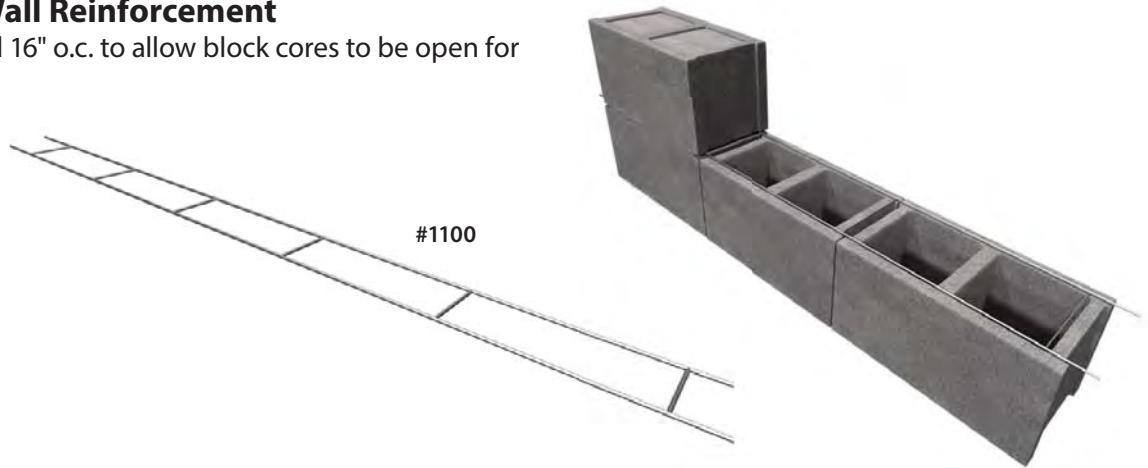
- Standard: 9 gauge wire conforming to ASTM A951 / A951M-06 for CMU walls 4", 6", 8", 10", and 12"
- Heavy Duty: 3/16" side rods and 9 gauge cross rods
- Extra Heavy Duty: 3/16" side rods and 3/16" cross rods
- Lengths are 10' 8"

Materials:

- Mill galvanized
- Hot-dip galvanized after fabrication
- Type 304 stainless steel

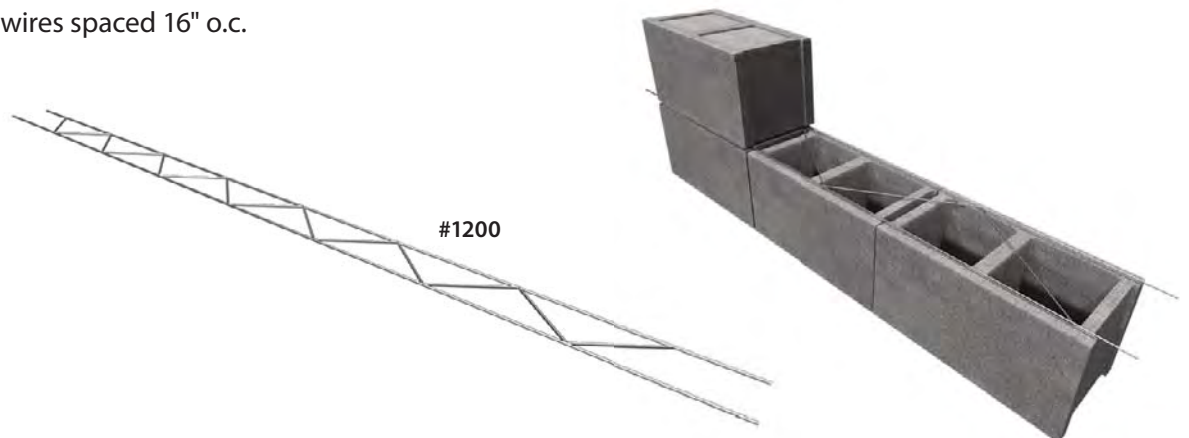
Ladder-Type Wall Reinforcement

Cross wires spaced 16" o.c. to allow block cores to be open for vertical rebar.



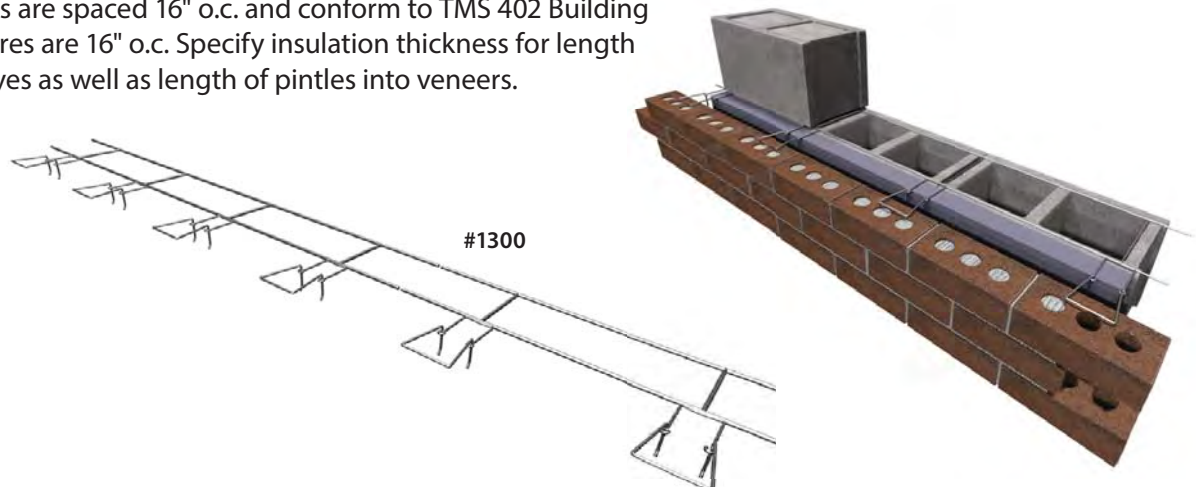
Truss Type Wall Reinforcement

Diagonal cross wires spaced 16" o.c.



Ladder Pintle Eye Wall Reinforcement

Pintle wire eyes are spaced 16" o.c. and conform to TMS 402 Building Code. Cross wires are 16" o.c. Specify insulation thickness for length of the pintle eyes as well as length of pintles into veneers.



Wire Wall Ties (Non-Adjustable)

Z Wire Tie

Used to bond masonry veneer to a masonry back-up wall or two masonry walls

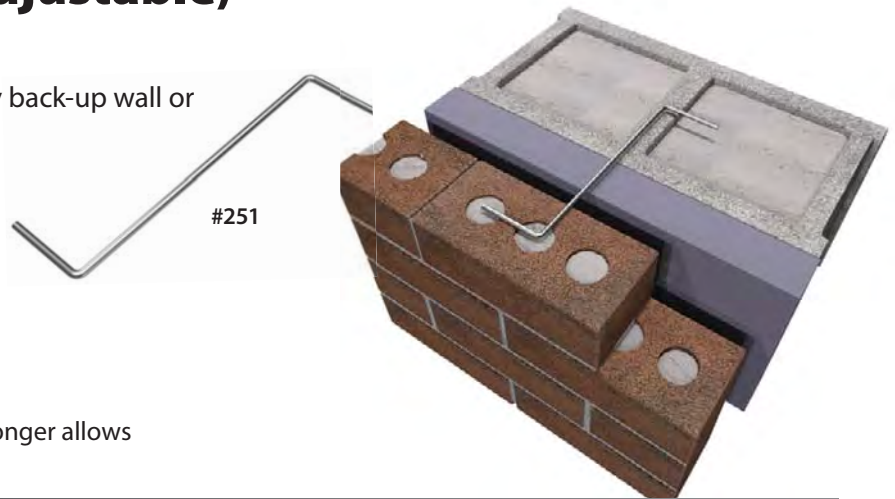
Dimensions:

- 3/16" diameter in lengths of 6", 8", 10", 12" with 2" bends

Materials:

- Stainless steel
- Hot-dip galvanized after fabrication
- Mill galvanized

Note: The TMS402 Masonry Building Code no longer allows drips on anchors.



Rectangular Wire Tie

Used to bond masonry veneer to a masonry back-up wall or two masonry walls

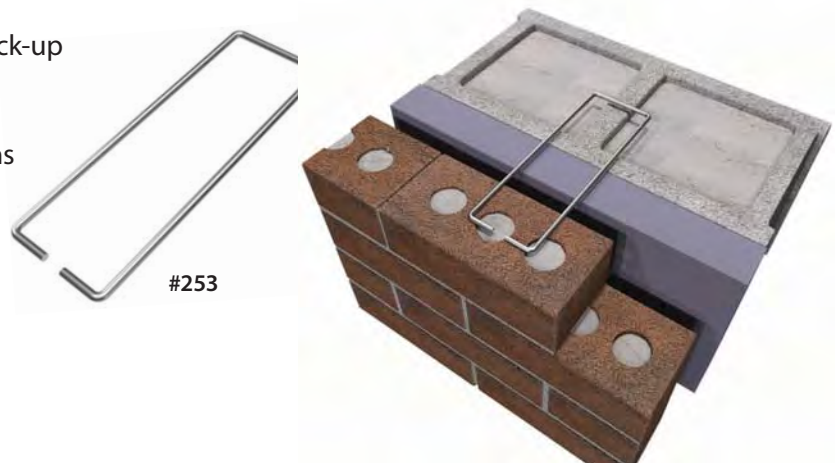
Dimensions:

- 3/16" diameter in widths of 2" or 4" and lengths of 6", 8", 10", or 12"

Materials:

- Stainless steel
- Hot-dip galvanized after fabrication
- Mill galvanized

Note: The TMS402 Masonry Code no longer allows drips in anchors.



Wire Wall Ties (Adjustable)

Used to secure a masonry veneer to a masonry backup wall

262 Double Eye Rod Anchor

Dimensions:

- 3/16" diameter wire
- Width: 2-1/2"
- Lengths: 2-3/4" and 4-3/4"

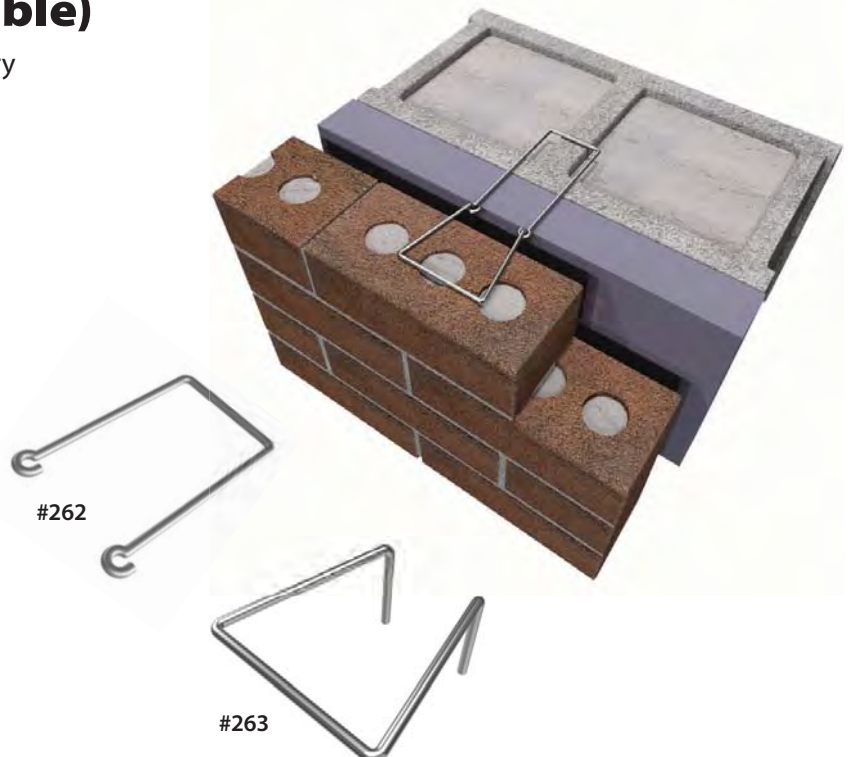
263 Double Pintle Tie

Dimensions:

- 3/16" diameter wire
- Lengths: 3-1/4", 4-1/4", 5-1/4"
- Pintle tie vertical adjustment: 1-1/4"

Materials:

- Stainless steel
- Hot-dip galvanized after fabrication
- Mill galvanized



Weld-On Anchors

Anchor Rods

Rods are welded to structural columns for adjustable attachment of masonry/veneer walls. Use #316 Triangular Ties or #318 Web Ties for attachment into masonry.

Weld-On Anchor Rod

Dimensions:

- 1/4" diameter in lengths of 5" or 9"
- Offset: 3/8" offset provides 4" of vertical adjustment for 9" long and 2" vertical adjustment for 5" long

Materials:

- Plain steel
- Mill galvanized



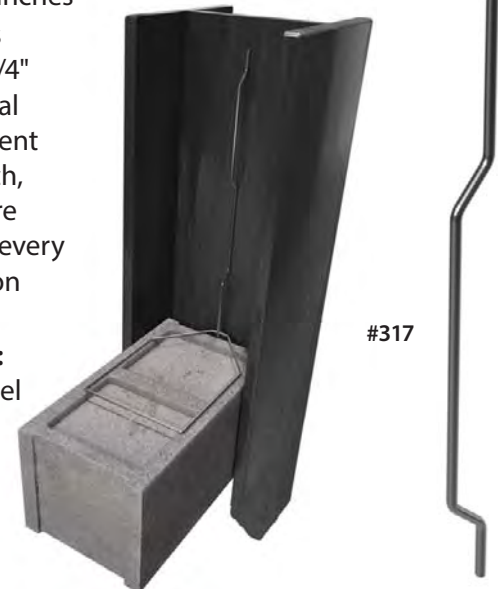
Continuous Weld-On Anchor Rod

Dimensions:

- 1/4" diameter x 6 feet 8 inches
- 6 offsets with 7-3/4" of vertical adjustment with each, which are spaced every 16-1/4" on center

Materials:

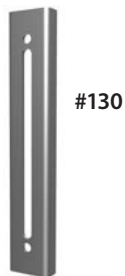
- Plain steel



Channel Slots

Channels are welded to structural columns for adjustable attachment of masonry/veneer walls. See page 86 for Channel Slot System.

Weld-On Channel Slot



Pos-I-Tie® Structural Steel Barrel Screw System

See pages 68 – 69 for details.



- The structural steel screw drills and taps 1/2" thick and less mild structural steel without pre-drilling a hole
- Use of the Pos-I-Tie® anchor in the web of a beam with a long barrel allows for a shorter wire tie and greater compression strengths



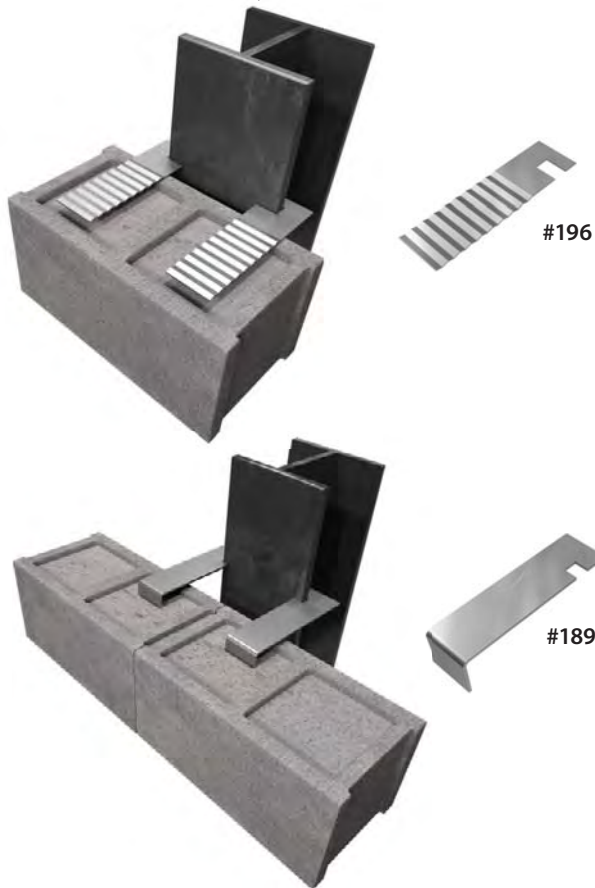
Beam Flanges Parallel to Wall

Dimensions:

- Standard: 1/8" x 2" wide x 7" long with a 1-1/2" bend; 5/8" x 1" notch starting 1" from end of anchor
- Custom sizes are available

Materials:

- Stainless steel
- Hot-dip galvanized after fabrication
- Rolled strip zinc alloy 710 firewall material



Beam Flanges Perpendicular to Wall

Dimensions:

- Standard: 1/8" x 1-1/4" wide with a 1-1/2" bend into masonry with a 1-1/4" hook at the column
- Specify length and provide flange dimensions
- Twist is 1-1/2" long

Materials:

- Stainless steel
- Hot-dip galvanized after fabrication



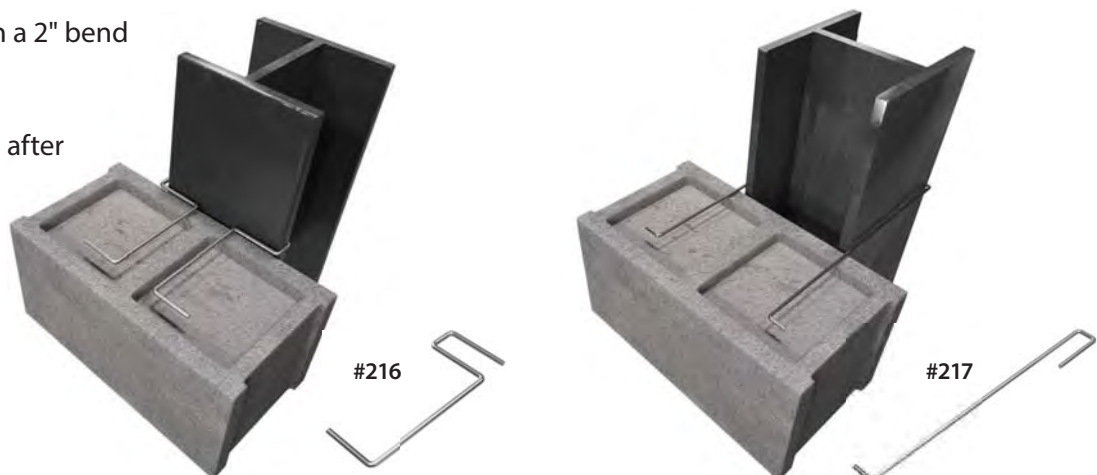
Wire Column Anchors

Dimensions:

- 3/16" diameter with a 2" bend

Materials:

- Stainless steel
- Hot-dip galvanized after fabrication

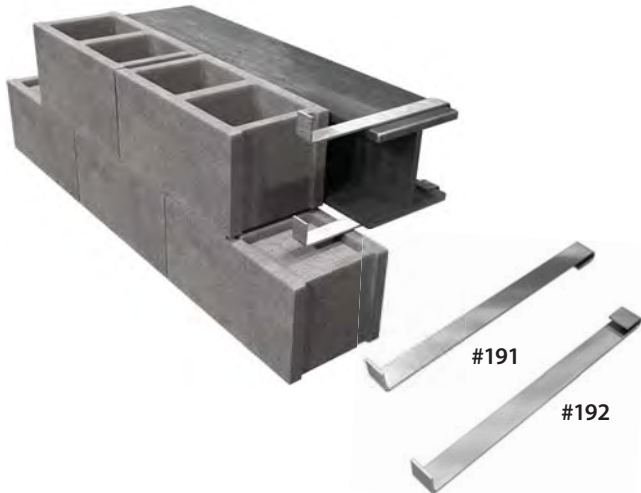


Horizontal Beam Anchors

Attachment to Flange

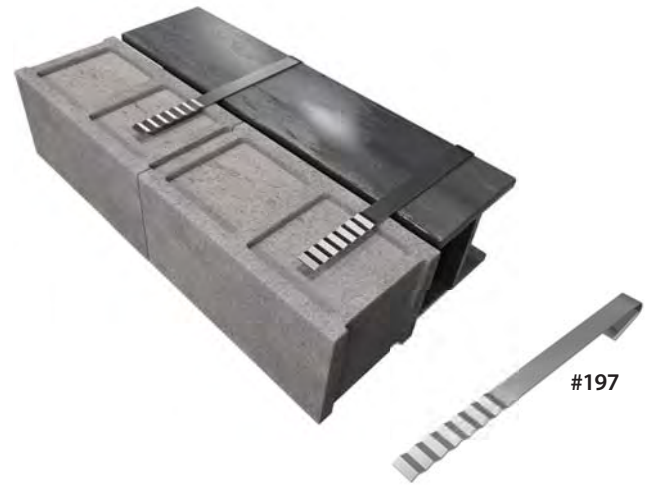
Dimensions:

- Standard: 1/8" x 1-1/4" wide in lengths of 10", 12" and 14" with a 1-1/2" bend
- Custom sizes are available



Materials:

- Stainless steel
- Hot-dip galvanized after fabrication



Attachment to Web



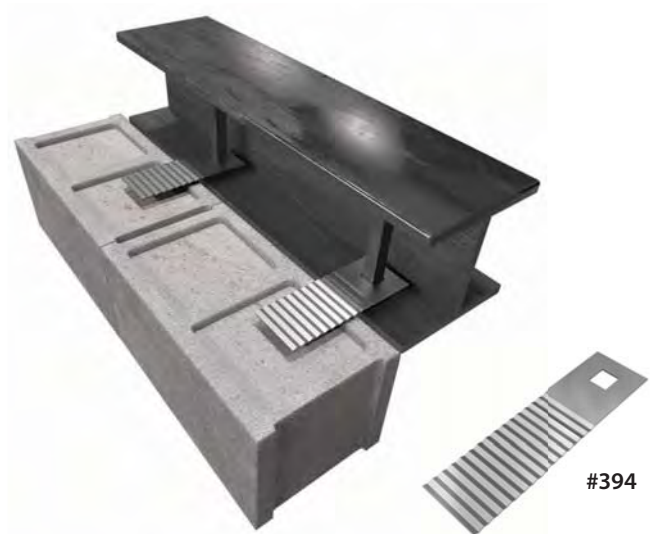
Welded to structural steel beams, typically in the web of a horizontal beam

Dimensions:

- 1/8" x 7" high with a 1/4" x 5" slot
- 1" bend for welding to a beam

Materials:

- Plain steel



Anchor is pre-loaded on a sliding bar which is then welded on the steel beam

Dimensions:

- Made to order in 3/16" or 1/8" x 3-1/4" wide – specify overall length
- Specify size of sliding bar: 1/2", 3/4", 1"

Materials:

- Stainless steel
- Hot-dip galvanized after fabrication
- Rolled strip zinc alloy 710 (1/8" only) fire wall material

Corrugated Wall Ties

Used to bond masonry veneer to a wood frame backup wall with maximum 1" airspace. These are permitted only on wood backup walls.

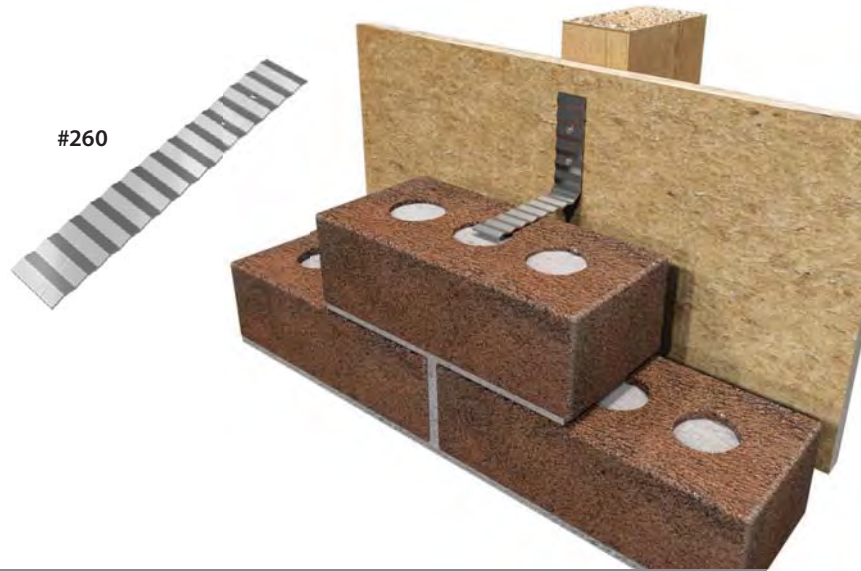
Dimensions:

- Standard Sizes: 7" long x 7/8" wide x 22 gauge (minimum thickness allowed by code)
- Custom sizes are available

Materials:

- Stainless steel

Note: TMS402 Building Code allows corrugated wall ties on wood frame backup walls with a maximum airspace of 1". For larger airspaces, use the Corrugated Brick Anchor below.



Sheet Metal Anchors

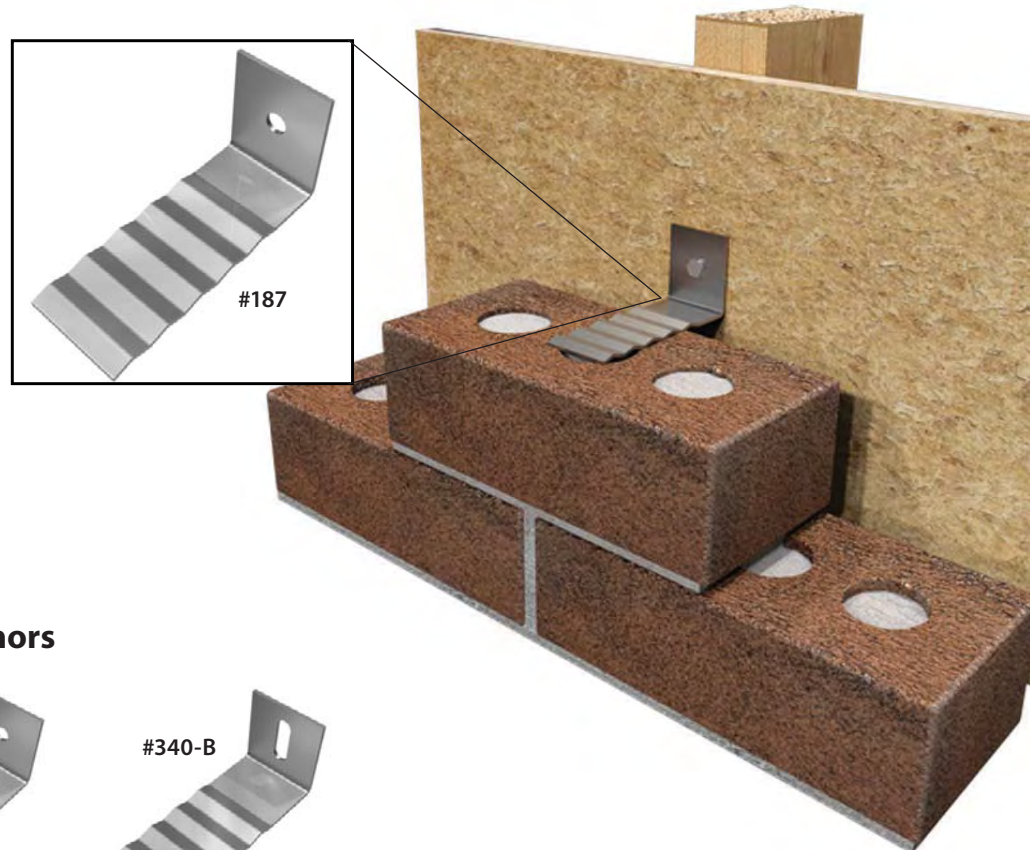
Corrugated Brick Anchor

Dimensions:

- Standard: 16 gauge x 1-1/4" wide in lengths of 3-1/2" or 5-1/2" with a 1-1/2" bend and centered 5/16" diameter hole
- See 340 below for custom sizes

Materials:

- Stainless steel
- Hot-dip galvanized after fabrication
- Mill galvanized
- Zinc alloy 710 (Firewall)



340 Custom Corrugated L-Anchors



Joist Pin Anchors

Both anchors are used to anchor wood joists to a masonry wall:

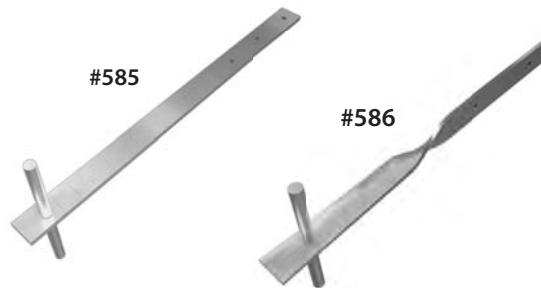
- #586 for side of joist
- #585 for top or bottom of joist

Dimensions:

- Standard: 1/8" x 1" wide x 18" long with 3 holes spaced 3" o.c. starting 3/4" from end
- Pin is 3/8" diameter x 5" long
- #586 has a twist starting 4" from the pin

Material:

- Mill galvanized



The following anchors can also be used for wood backups:

#103-C
See page 73



#315-C
See page 73



#315-D
See page 73



Pos-I-Tie® with Wood Backup

See pages 68-69



- Barrel portion will not penetrate OSB or plywood sheathing. Order barrel length for insulation thickness only.
- If using gypsum and insulation, the barrel will go through both and contact the stud. Add both gypsum and insulation thickness together for barrel length.



Masonry to Steel Studs

Plate Anchor & Pintles

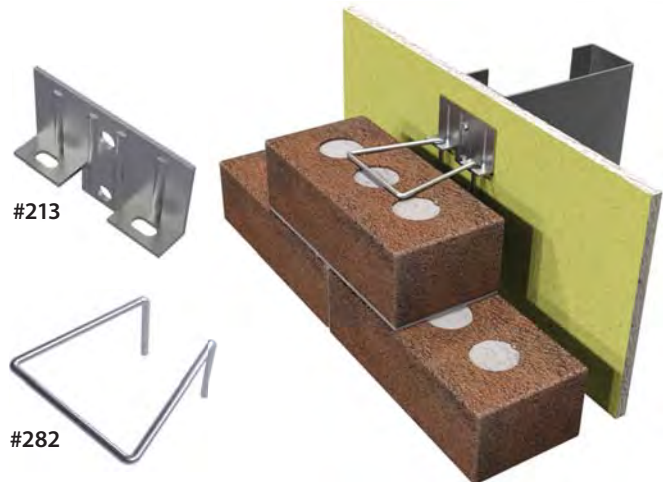
#213 Double Pintle Plate Veneer Anchors are attached directly to the backup system. Insulation/mineral wool is then placed above and below the horizontal tab. Use with #282 Double Pintle Wire Tie.

Dimensions:

- #213 (14-gauge plate) works with the following insulation thicknesses: no insulation, 1", 1-1/2", 2", 2-1/2", 3", 3-1/2", 4"
- #282 wire ties are 3/16" diameter, in lengths of: 3-1/4", 4-1/4", and 5-1/4"

Material:

- Stainless steel
- Hot-dip galvanized after fabrication



Pos-I-Tie® with Steel Studs

See Pos-I-Tie System (pp 68–69)



- Locate the stud and drill directly through the sheathing – no pre-drilling required
- When the screw hits the stud, it will take a few seconds to drill and tap into the stud
- If the barrel screw goes right in without stopping for a few seconds, you missed the stud



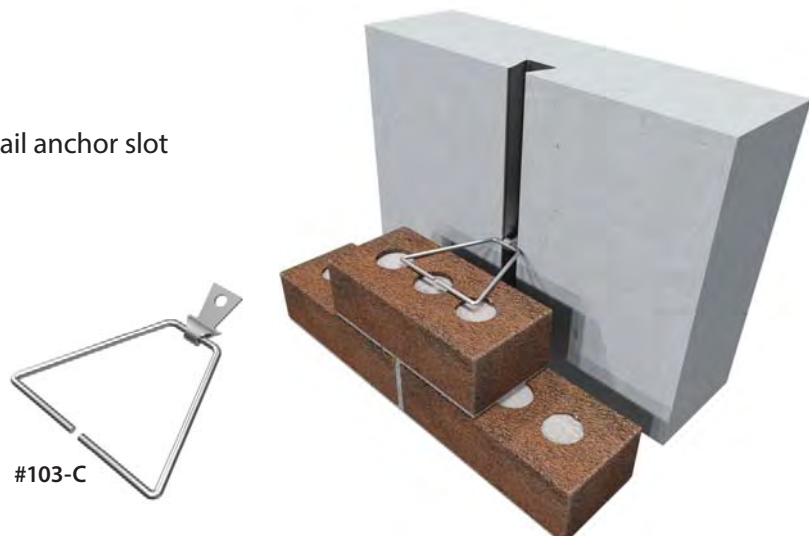
Masonry to Concrete

Dovetail Anchors

For concrete backups with cast-in-place dovetail anchor slot

Dovetail Triangular Veneer Anchor

See page 73 for product description. These anchors fit into the dovetail slot for masonry attachment to concrete.



Dovetail Anchors, *continued*

Dovetail Corrugated Anchor

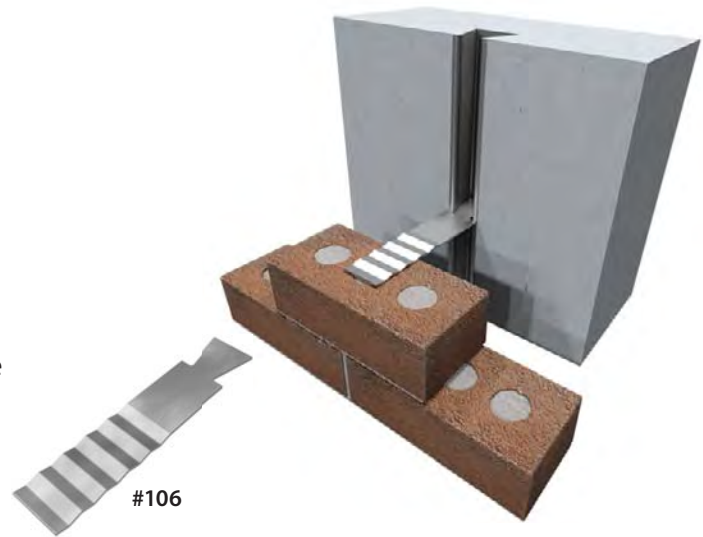
- For brick veneer

Dimensions:

- Standard: 16 gauge or 12 gauge x 1" wide in lengths of 3-1/2", 5-1/2", and 7-1/2"
- Custom sizes available: thickness up to 3/16" and lengths up to 15"
- Lengths are measured from the face of the concrete

Materials:

- Stainless steel
- Hot-dip galvanized after fabrication



Dovetail Stone Anchors

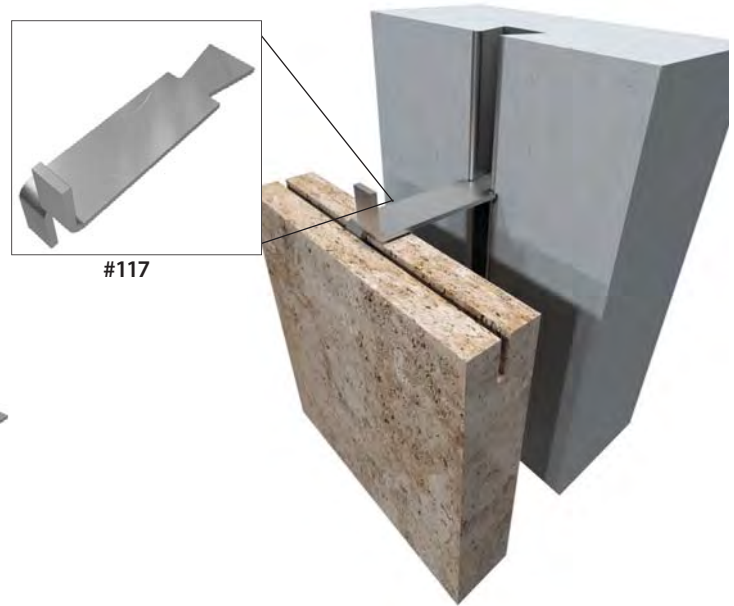
The following made-to-order dovetail anchors can be used with CMU or stone veneers.

Dimensions:

- Thickness: 14 or 12 gauge, 1/8" , 3/16", or 1/4"
- Width: 1" wide
- Specify length measured from the face of concrete to the end of the anchor

Material:

- Type 304 Stainless Steel



#109



#115



#118



Pos-I-Tie® with Concrete Back

See Pos-I-Tie System (pp 68–69)



Original Pos-I-Tie Installation Tool

- Using the sleeve saves 20% in labor time
- No need to remove drill bit between fastening points



Masonry Wire Ties

Triangular Wire Tie

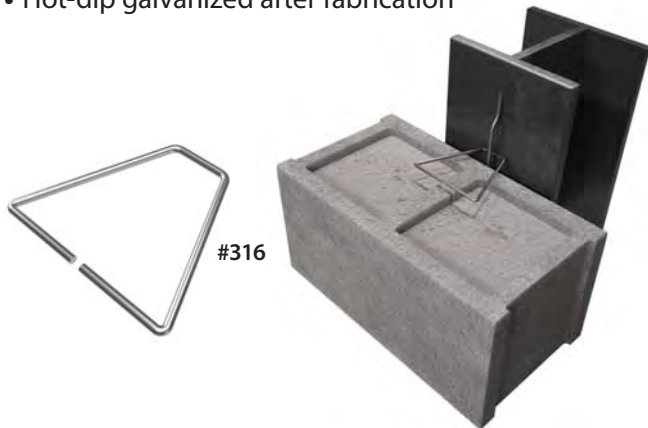
- Wire anchor used with adjustable backup anchors for attaching brick or CMU to backup

Dimensions:

- 3/16" diameter in lengths of 3", 4", 5", 6", 7", or 9"

Materials:

- Stainless steel
- Hot-dip galvanized after fabrication



Web Tie

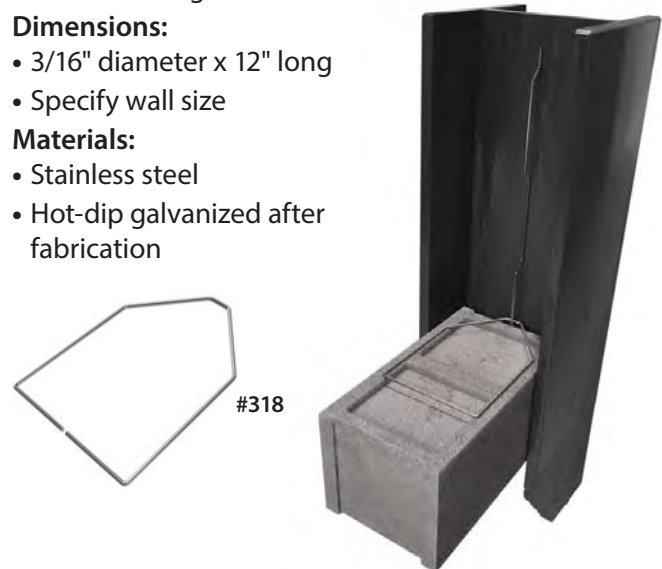
- Wire anchor used with adjustable backup anchors for attaching brick or CMU to backup at intersecting walls

Dimensions:

- 3/16" diameter x 12" long
- Specify wall size

Materials:

- Stainless steel
- Hot-dip galvanized after fabrication



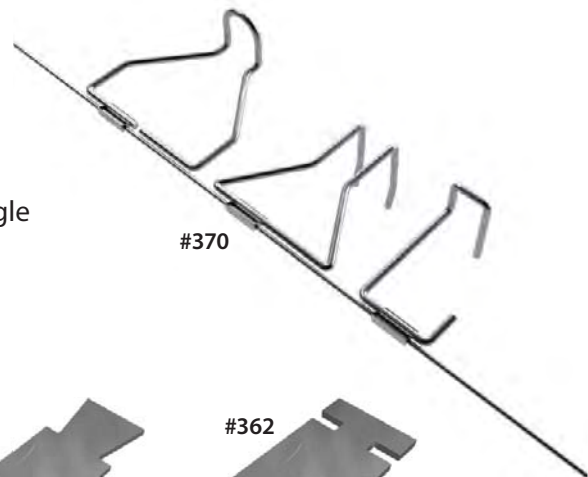
Seismic Veneer Anchors

The 2013 TMS 402 Building Code and 2015 International Building Code no longer require the use of continuous wire in the brick veneer for high seismic zones. These may still be required in areas under the jurisdiction of earlier codes.

Seismic Hook Tab

This 20-gauge clip can be welded onto any of the Heckmann wire ties.

Typical wires for seismic applications are the Pos-I-Tie® triangle and pintle wire ties, #316 triangle ties, and #103-C dovetail triangle veneer anchors.



Notched Seismic Veneer Anchors

Dimensions:

- 14 gauge
- Custom sizes are available

Material:

- Type 304 Stainless Steel



Plastic Seismic Clip

Plastic clip for attaching any 3/16" or 9 gauge masonry veneer anchor to a single horizontal reinforcing wire in the veneer.



Masonry Wall Stabilizing Anchors

Partition top anchors provide lateral shear resistance at the top of masonry walls while allowing for vertical deflection of the slab/beam above without transferring the lateral loads to the masonry wall below.



Pin Stabilizing Wall Anchor

This anchor is installed by either welding the plate to a structural beam or fastening it to a concrete slab with expansion anchors. The plastic tube is grouted into the CMU cell.

Dimensions:

- Standard: 12 gauge plate 1-1/2" wide x 3" long with a welded 3/8" diameter x 6-3/4" rod. Plastic tube is included in the box
- Custom sizes are available. Order #421 tubes separately when ordering custom anchors

Material:

- Hot-dip galvanized after fabrication



Plastic Tube for Stabilizing Anchor

This plastic tube is used with #121 Dovetail Rod Anchor. The plastic tube has a foam filler on one end to prevent grout penetration. The #121 rod is placed into the tube and, when grouted into the CMU, it allows for vertical deflection of the wall.



Dovetail Rod Anchor

The Dovetail Rod Anchor is used with a #421 plastic tube. When the joint is filled with grout, the tube allows the rod to move freely. The concrete slab must have a cast-in-place dovetail anchor slot.

Dimensions:

- Dovetail section is 12 gauge
- Welded rod is 3/8" diameter x 7" long

Material:

- Stainless steel
- Hot-dip galvanized after fabrication



Cap Stabilizing Wall Anchor

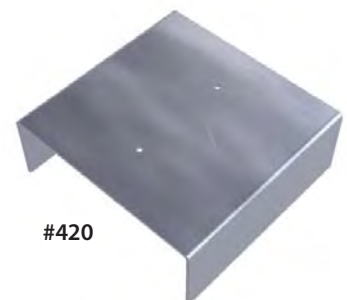
Used to resist lateral loads at the top of a masonry wall and allow for vertical deflection. Steel bends will be visible at the top of the CMU wall.

Dimensions:

- Standard: 1/8" thick x 8" long with 3" bends for block sizes of 4", 6", 8", 10", and 12"
- Custom sizes and widths are available

Materials:

- Stainless steel
- Hot-dip galvanized after fabrication
- Mill galvanized



Channel Slots

Channel slots are welded to structural beams or fastened to existing concrete/CMU with expansion anchors. They can also be used to replace dovetail anchor systems for concrete walls that were not cast with dovetail slots.

Dimensions:

- #130: 11 gauge and 16 gauge x 1-3/8" wide x 8" long; slot is 9/16" x 5-1/2"; holes are 9/32" diameter
- #133: 16 gauge, 14 gauge, 12 gauge x 1-3/8" wide; slot is 9/16" x 7-3/4"; lengths are 5' (7 slots) and 10' (14 slots)
- Bends are 1/2" I.D.



Materials:

- Stainless steel
- Hot-dip galvanized after fabrication
- Plain steel



Channel Slot Triangular Wire Tie

Dimensions:

- Standard:
 - Clip: 12 gauge thick x 1-1/4" wide
 - Triangular tie lengths: 3", 4", 5", 7" from face of channel
- Custom triangle lengths available

Materials:

- Stainless steel
- Hot-dip galvanized after fabrication

Channel Slot Corrugated Anchor

Dimensions:

- Standard: 16 gauge x 1-1/4" wide in lengths of 3-1/2", 5-1/2", and 7-1/2" from face of channel
- Custom lengths: Available in thicknesses up to 3/16"

Materials:

- Stainless steel
- Hot-dip galvanized after fabrication

Channel Slot Stone Anchors

Dimensions for #135, #136 and #138:

- Thickness: 3/16", 1/8", 11 gauge, 12 gauge, 14 gauge, 16 gauge
- Length: minimum 1-1/2" measured from face of channel slot
- Width: 1-1/4"

Material:

- Stainless steel

Dimensions for #137

- Allow a minimum of 1/4" – 1/2" of steel between the start of the pin and the end of the anchor
- Pins:
 - Length: Specify overall length of pin
 - Diameter: 1/4", 3/8", 1/2", 5/8"
 - Pins are available loose or welded in-place (pins furnished loose allow the installer to use the anchor as a template for drilling the hole into the stone)

L-Stone Anchor
#135



Specify o.d. bend length

Split-Bend Anchor
#136



Specify o.d. split-bend length

Flat Anchor
#138



Pin Anchor
#137



See notes



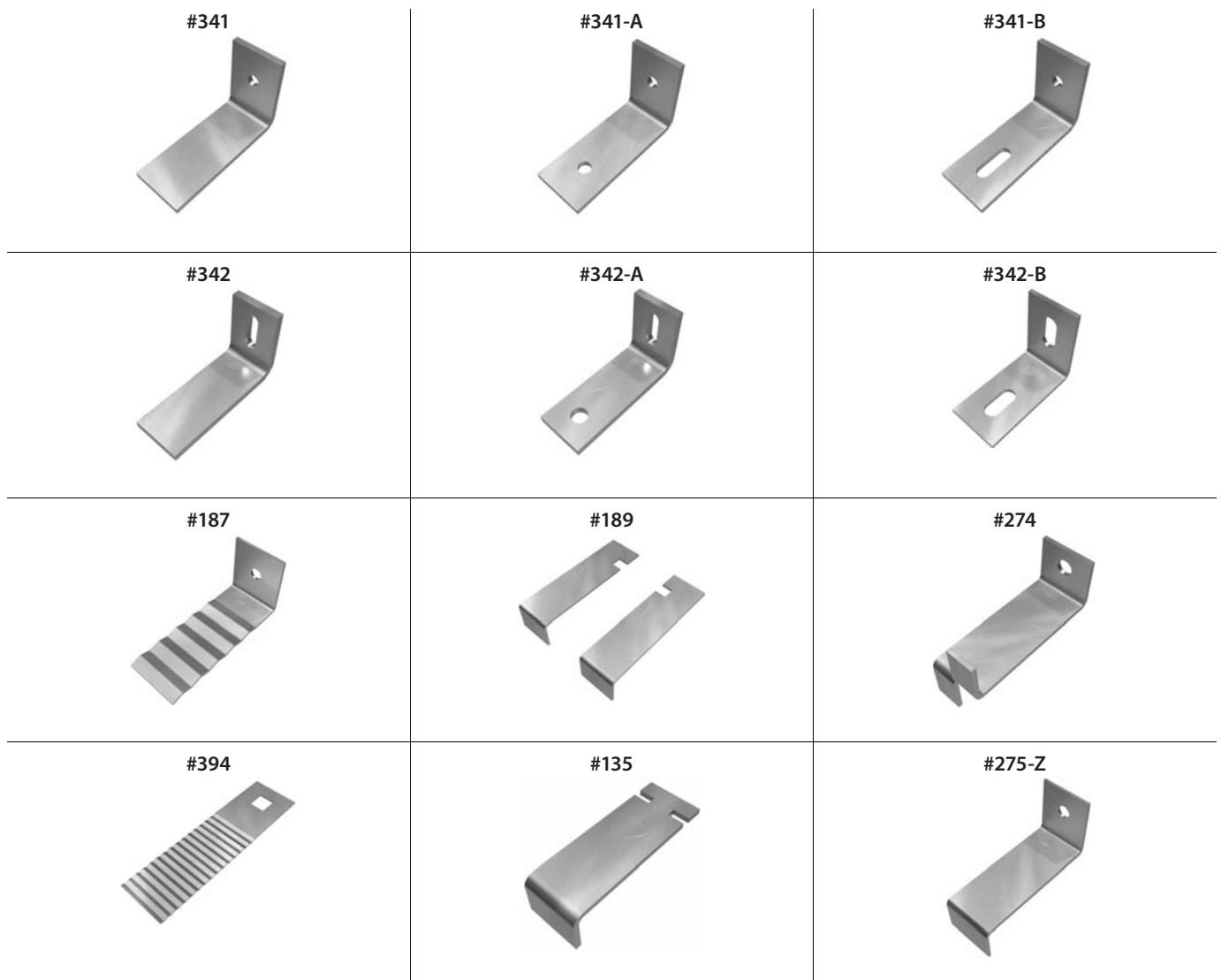
Break-Away / Melt-Away Firewall Anchors

2018 IBC Section 706.2 requires masonry fire walls to be designed and constructed to allow collapse of the structure on either side without collapse of the wall under fire conditions. Anchors attaching the firewall to CMU, concrete or steel must have the capability of providing structural performance but “detach” during a fire. Rolled zinc alloy 710 material has corrosion resistance equal to hot dip and melts at 792°.

Mechanical/Physical Properties of Rolled Zinc Alloy 710

Density (lb/in ³)	.0259
Melting Point (F)	792
Tensile Strength (ksi)	21 - 28
% Elongation (in 2")	30 - 45
Olsen Ductility (in.)	.25 - .35
Hardness (R15T)	55 - 68
Shear Strength (ksi)	24 - 28
Yield Strength (ksi)	28

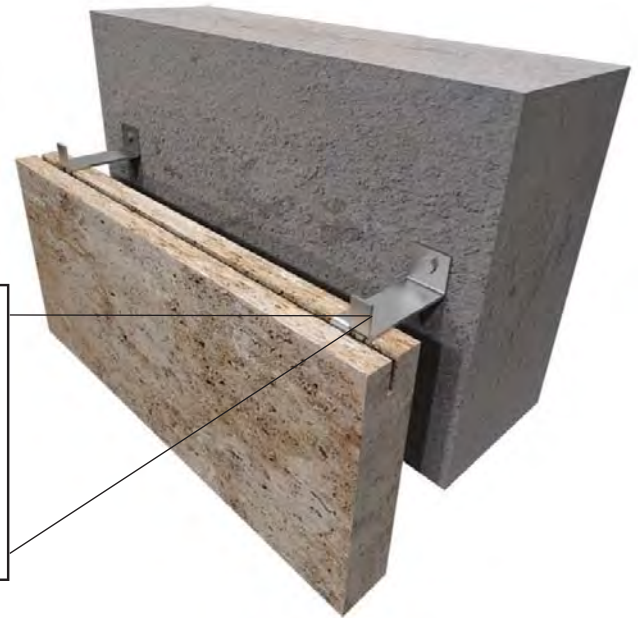
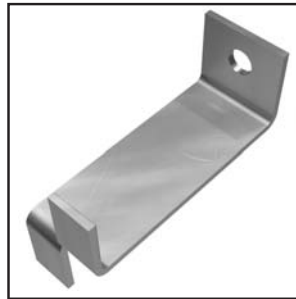
Below are several popular Heckmann anchors used as firewall anchors. The majority of our non-wire anchors can be manufactured from the rolled zinc alloy 710 material. Choose your non-wire anchor from this catalog or email your specific anchor to us for pricing. The zinc alloy 710 material is **ONLY available in 1/8" and 16 gauge thicknesses.**



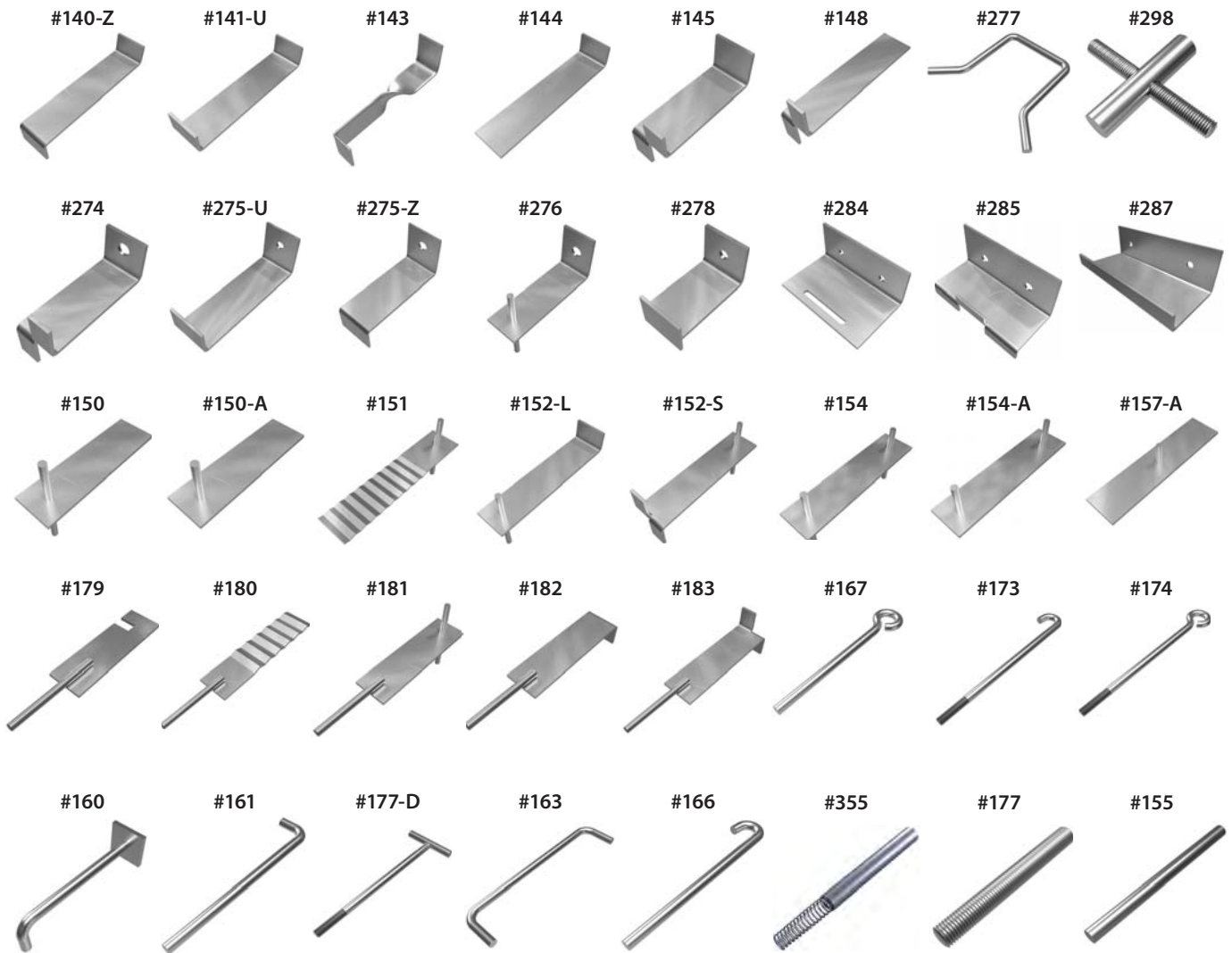
Heckmann Building Products has been manufacturing custom fabrications for over 90 years. If you don't see a specific style below, please email your custom detail to us for pricing and fabrication evaluation. Anchors are fabricated in Type 304 or Type 316 stainless steel in thicknesses up to 1/2".

With the combined capabilities of our three companies we are excited to offer fasteners necessary for your anchoring needs.

*(see next page 89)



Various Stone Anchors



Fasteners Manufactured by *wej-it*

Wej-It High-Performance Anchors offers a full line of fastening solutions that can be used for a variety of Heckmann products, including Stone Anchors. See examples below:



See Page 20



See Page 29



See Page 33

Angles and Lintels

All Heckmann angles and lintels are custom-fabricated to your design requirements.

Angle Clips



#700

Bent Plates



#754



#755

Anchor Plates



#742



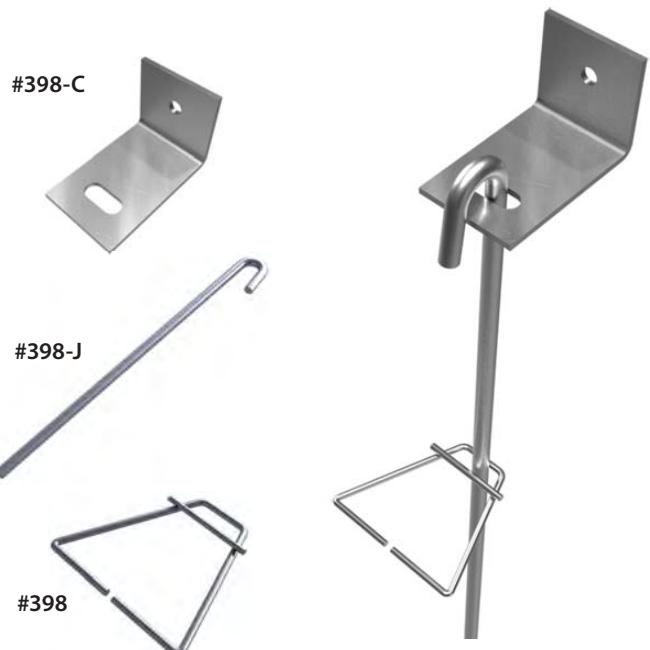
#741



#730



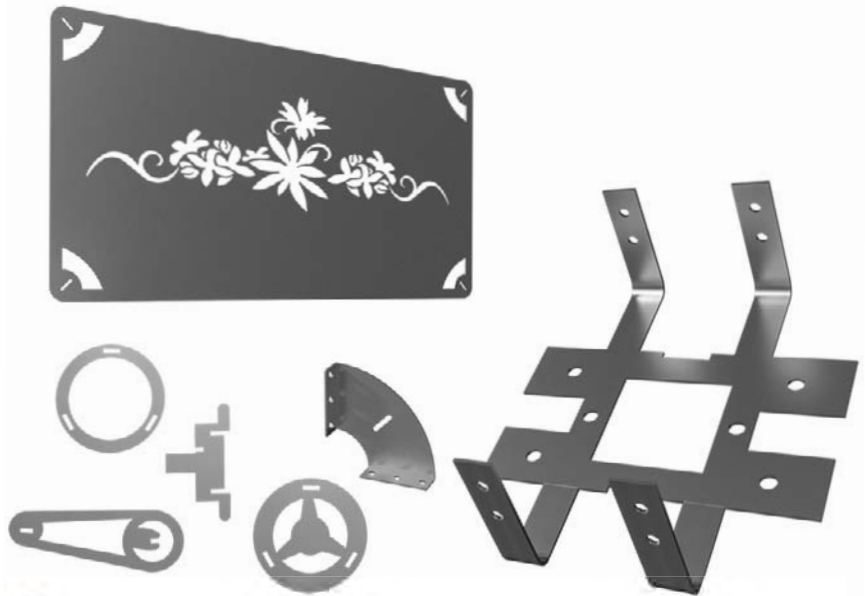
Rubble Stone Anchor



Specialty Laser Cutting & Other Custom Metal Fabrication

Heckmann Anchors, Div. of Mechanical Plastics Corp. has invested significantly in state-of-the-art machinery and human expertise to meet your needs for custom fabricated metal parts for interior and exterior applications, making your professional life easier.

- **Cutting:** We utilize the most advanced laser technology available to shape precisely what you need from carbon steel, stainless steel, brass, copper, aluminum, or titanium.
- **Fabrication:** Cutting, bending, welding, assembly ... all at your disposal to create metal parts meeting your designs and your custom specs ... always on a timely, cost-effective basis.
- **Design:** Two heads (or more) are always better than one. Our team will collaborate with yours to conceive and design the solutions that you need.
- **Prototypes:** If you're having a challenge bringing your concept to life, let us create a prototype for you to approve before production begins.
- **Rush Delivery:** We know how time-critical your projects can be. Our team knows how to deliver what you need when you need it.



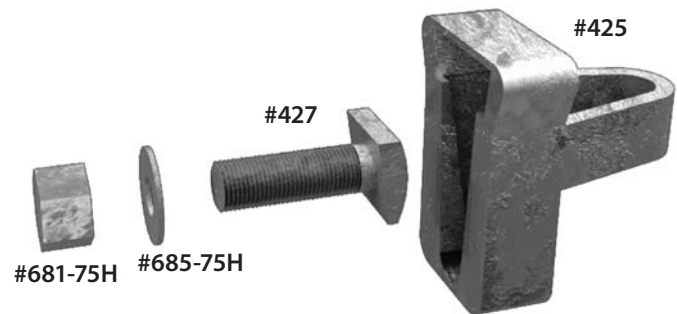
Shelf Angle Wedge Inserts and Askew Head Bolts

When cast into concrete, Shelf Angle Wedge Inserts and Askew Head Bolts provide a secure and adjustable method for fastening shelf angles and other materials to concrete structures. The inserts allow vertical adjustment so veneers can be properly aligned despite construction tolerances in the building frame.

Catalog No.	Item	Material	Bolt Dia.	Length
425-6LH	Wedge Insert	Hot-Dip Galvanized	3/4	Long
425-6H	Wedge Insert	Hot-Dip Galvanized	3/4	Regular
42762H	Bolt	Hot-Dip Galvanized	3/4	2
427625H	Bolt	Hot-Dip Galvanized	3/4	2-1/2
42763H	Bolt	Hot-Dip Galvanized	3/4	3
681-75H	Hex Nut	Hot-Dip Galvanized	3/4	-
685-75H	Flat Washer	Hot-Dip Galvanized	3/4	-

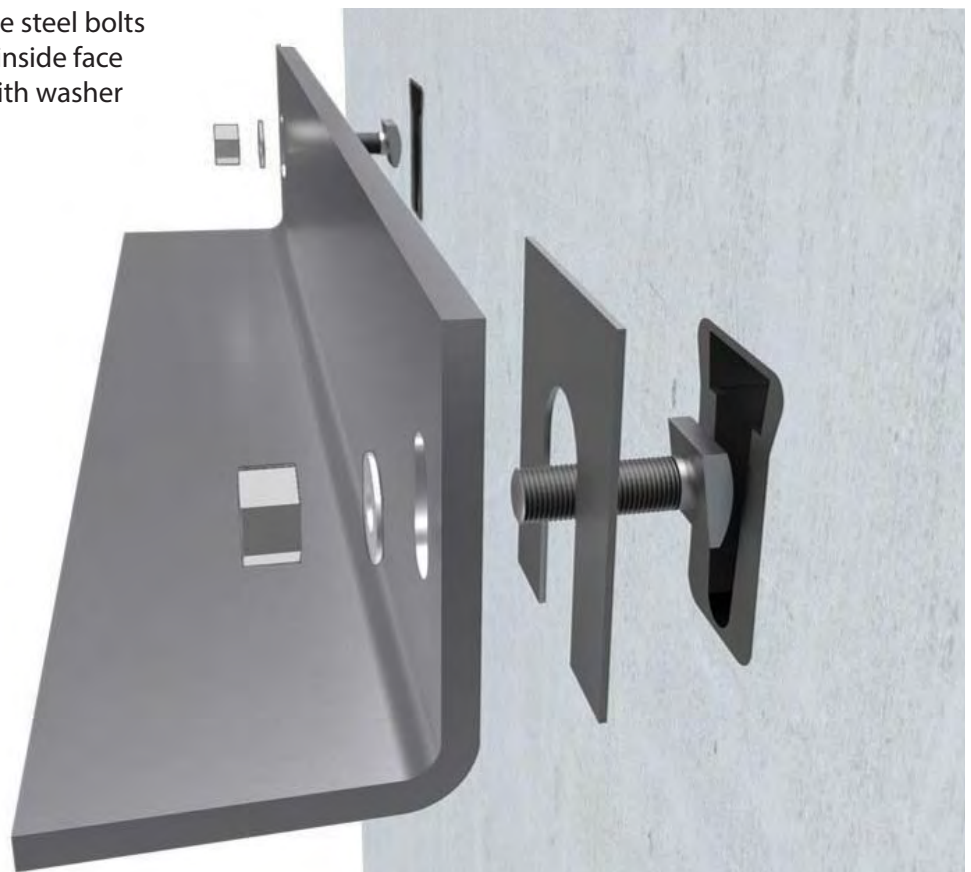
425 Shelf Angle Wedge Inserts

These heavy-duty, malleable iron inserts have three holes for nailing to forms. Anchor loops are designed to take reinforcing bars or anchor rods for increased anchorage in concrete.



427 Askew Head Bolt

The wedge-shaped heads of these steel bolts complement the wedge-shaped inside face of the Wedge Insert. Furnished with washer (**685-75H**) and nut (**681-75H**).



Threaded Inserts

Threaded inserts are cast into concrete or precast panels. The insert plugs are nailed to the form and removed after concrete sets.

#444 Star Threaded Inserts and #446 Insert Plugs

Diecast Zamac 5 zinc alloy inserts offer strength and corrosion resistance.

444 No.	Size	Length	446 Plug No.
P-15-T	1/4 x 1-1/2	1-1/2"	P-15-A
P-24-T	3/8 x 1	1"	P-25-A
P-25-T	3/8 x 1-3/8	1-3/8"	P-25-A
P-35-T	1/2 x 1-1/2	1-1/2"	P-35-A
P-36-T	1/2 x 2-7/8	2-7/8"	P-35-A
P-45-T	5/8 x 1-11/16	1-11/16"	P-45-A
P-46-T	5/8 x 2-7/8	2-7/8"	P-45-A
P-55-T	3/4 x 1-11/16	1-11/16"	P-55-A
P-56-T	3/4 x 2-7/8	3"	P-55-A



Shims

Shims available in both plastic and metal. Metal shims can be cut to any size.



Horse-Shoe Shims

- Used to shim shelf angles when concrete walls are not plumb

Plastic Horse-Shoe Shim Washers

- High impact multi-polymer plastic shims with up to 4500 psi compressive strength

Catalog No.	Thickness	Size (width x height)	Bolt Size
442-16	1/16	1-1/2 x 2	1/2
442-36	1/16	1-1/2 x 3-1/2	1/2
442-26	1/16	2-5/16 x 3	3/4
442-18	1/8	1-1/2 x 2	1/2
442-38	1/8	1-1/2 x 3-1/2	1/2
442-28	1/8	2-5/16 x 3	3/4
442-14	1/4	1-1/2 x 2	1/2
442-34	1/4	1-1/2 x 3-1/2	1/2
442-24	1/4	2-5/16 x 3	3/4



Steel Horse-Shoe Shim Washers

Shims should be as long as the vertical legs of the angles to prevent the angles from deflecting under load

- Made to order: Specify length, width, thickness (up to 3/8") and slot dimensions

Catalog No.	Thickness	Size (width x height)	Bolt Size
443346H	1/16	3 x 4	3/8
443348H	1/8	3 x 4	3/8
443344H	1/4	3 x 4	3/8
443343H	3/8	3 x 4	1/2
443342H	1/2	3 x 4	1/2



Hairpin Rebar Positioner

The Hairpin Rebar Positioner allows masons to “telescope” or adjust rebar during block wall construction, eliminating the need to lift heavy blocks overhead to install over rebar. This anchor is economical, helps to prevent injuries, and is easy to install.

Features:

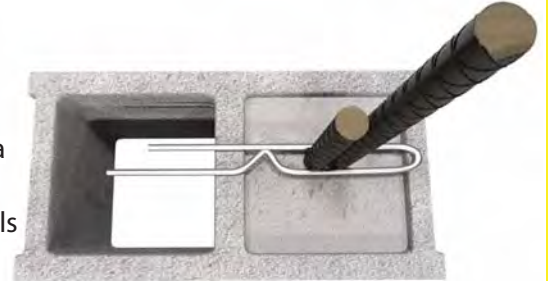
- Precisely centers vertical reinforcing rebar
- Eliminates overhead lifting of heavy block over rebar to increase job site safety, and to help prevent impalement injury
- Increases productivity, reducing labor and material costs
- Eliminates need to grout block wall cores in sections, and allows for a monolithic pour of grout in seismic zones
- Complies with TMS 402 Masonry Code for reinforcement of CMU walls
- Helps eliminate blow-outs by containing the flow of grout within vertical cores
- Allows full realization of rebar tensile strength to meet specified building codes and designs
- Accurate and secure placement method minimizes rebar waste

Dimensions:

- Standard Sizes:
 - 374-SG: 9 gauge (0.150") for #3, #4, and #5 rebar
 - 374-LG: 6 gauge (0.194") for #5 and #6 rebar

Material:

- Grade 50 spring steel
- Zinc plating to ASTM b-633 SC1



#374

Wire Rebar Positioner

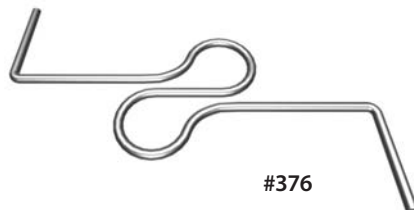
- Centers rebar in block walls

Dimensions:

- 9 gauge wire with 1" diameter eyes in center with 2" bends
- Available for 8" and 12" block

Material:

- Hot-dip galvanized after fabrication



#376

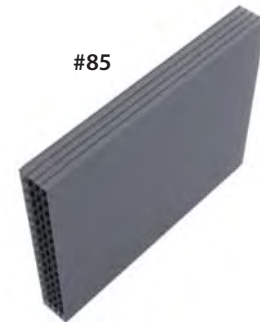


Cell Vents

Cell vents are installed in the bottom vertical mortar joint of a brick veneer wall. They consist of many small adjacent passageways, which allow moisture to vent from the cavity to the exterior of the building while restricting ingress of insects. The cellular composition provides easy drainage for moisture along the full height of the head joint. Cell vents are UV-resistant and tested in conformance to ASTM D2240, D790B, D638 and D1238B.

Dimensions:

- Regular size: 3/8" x 2-1/2" x 3-3/8"
- Jumbo size: 3/8" x 3-3/8" x 3-3/8"
- Colors: Clear, gray or brown



Weep Tubes

- Used to allow moisture to pass from the inside of the wall cavity to the exterior of the wall
- TMS402 Masonry Code requires a weep less than 33" o.c.

Dimensions:

- Plastic Tube Diameter:
 - 3/8" diameter o.d. (1/4" diameter i.d.)
 - Lengths: 4" long or cut to length specified

Weep Vent Options:

- Brass screen
- Stainless steel screen
- Wick only
- Plastic tube only

Material:

- Rigid vinyl compound meeting requirements of Ethyl 7045



Drip-Edge Flashing

- Used as flashing material to prevent water damage
- Drip-edge is folded back to prevent sharp edge on exterior of wall.

Dimensions:

- Standard thickness: 26 gauge
- Standard width: 3"
- 1/2" drip-edge hemmed back 3/8"
- Standard length: 10'

Material:

- Type 304 stainless steel



Termination Bar

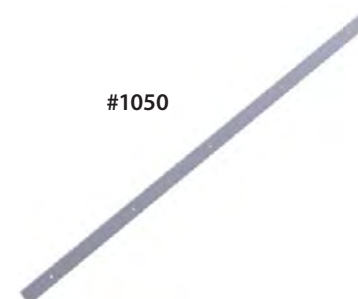
- For securing flashing to a backup wall

Dimensions:

- Standard size: 1/8" x 1" wide x 8 ft long with 5/16" holes 8" o.c.
- Also available: Hemmed lip 26 gauge x 1" wide x 8 ft long with 5/16" holes 8" o.c.
- Custom sizes are available

Material:

- Type 304 stainless steel



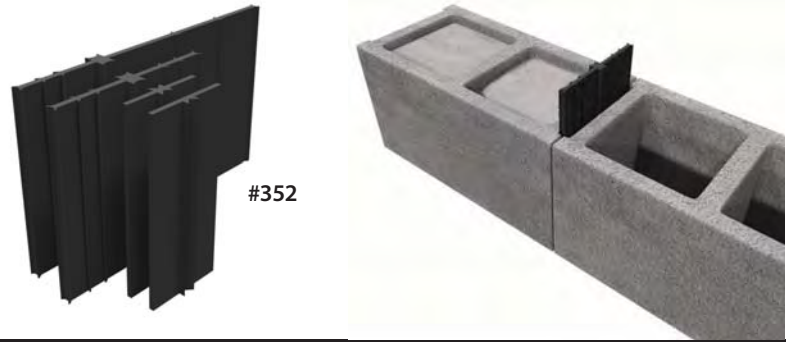
Control and Expansion Joints

Rubber Control Joint

Control joints allow for the expansion and contraction of the masonry without allowing for air and water penetration.

Dimensions:

- Standard: 2-5/8", 6-7/8" and 11-1/8"
- TEE section available in 2-5/8"



Neoprene Expansion Joint

Neoprene expansion joints can be used in vertical or horizontal applications. They provide expansion in joints and prevent unwanted clogging with mortar.

Dimensions:

- ** All sizes available with or without adhesive
- Thickness: 1/4", 3/8" or 1/2"
- Width: 3"
- Length 50 feet



Miscellaneous Items

45 Band Iron Tighteners

- Popular tool used to pull band iron around concrete forms and skids



686 Plate Washers

Dimensions:

- Made to order: Specify thickness, length, width, and centered hole size

Materials:

- Stainless steel
- Hot-dip galvanized after fabrication
- Mill galvanized
- Plain steel



391 Spiral Remedial Tie

- Use in existing cavity walls that are inadequately restrained as a result of insufficient or badly corroded ties or where ties have been omitted
- The stainless steel tie is dry-set – it cuts a threaded groove into the masonry as it is driven into position through a pre-drilled pilot hole

Dimensions:

- Diameters: 8 mm or 10 mm
- Lengths: 6", 7", 8", 10", 12", and 14"
- Custom lengths available upon request



Alphabetical Code Listing

####	Original Wej-It Wedge Anchors	26	HCSS	Wej-Con Concrete Screws, HWH 410 Stainless Steel	35
A	ALLIGATOR All-Purpose Anchors, No Flange	12	HC4S	Wej-Con Concrete Screws, HWH 304 Stainless Steel	35
AF	ALLIGATOR All-Purpose Anchors, With Flange	12	HCSW	Wej-Con Concrete Screws, Slotted HWH, Blue Coating	34
ASA	Sleeve-TITE Sleeve Anchors, Acorn Nut	28	HSA	Sleeve-TITE Sleeve Anchors, Hex Nut	27
ASAX	Sleeve-TITE Sleeve Anchors, Acorn Nut, Stainless Steel	29	HSAX	Sleeve-TITE Sleeve Anchors, Hex Nut Stainless Steel	29
AT	Ankr-TITE Wedge Anchors, Zinc Plated	20	HTCST	Hang-TITE Concrete Setting Tool	37
ATESS	POWER-Skru Large Dia. Concrete Screws, Stainless Stl	32	HTCV	Hang-TITE Concrete Vertical Hanger	37
ATEZ	POWER-Skru Large Dia. Concrete Screws, Zinc-Plated	30	HTSS	Hang-TITE Steel Side Hanger	37
ATEZG	POWER-Skru Large Dia. Concrete Screws Mech. Galv.	31	HTSV	Hang-TITE Steel Vertical Hanger	37
ATG	Ankr-TITE Wedge Anchors, Hot-Dip Galvanized	22	HTWS	Hang-TITE Wood Side Hanger	36
ATS	Ankr-TITE Wedge Anchors, 304 Stainless Steel	23	HTWSST	Hang-TITE Universal Wood & Steel Setting Tool	37
ATSS	Ankr-TITE Wedge Anchors, 316 Stainless Steel	24	HTWV	Hang-TITE Wood Vertical Hanger	36
BA	SNAPTOGGLE 3/16-24	8	LBP	L-Bolt Anchors, Plain	50
BAL	SNAPTOGGLE 3/16-24, Long	8	LBG	L-Bolt Anchors, Galvanized	50
BALS	SNAPTOGGLE 3/16-24, Long, Stainless Steel	8	LSL	Lag Screw Shields, Long	43
BAS	SNAPTOGGLE 3/16-24, Stainless Steel	8	LSS	Lag Screw Shields, Short	43
BB	SNAPTOGGLE 1/4-20	8	MS	Machine Screw Shields	43
BBL	SNAPTOGGLE 1/4-20, Long	8	PD	POWER-Drop Drop-In Anchors	41
BBL5	SNAPTOGGLE 1/4-20, Long, Stainless Steel	8	PS2	POWER-Sert Adhesive Insert Anchors	52
BBS	SNAPTOGGLE 1/4-20, Stainless Steel	8	PS6	POWER-Sert Adhesive Insert Anchors, 316 Stainless	53
BC	SNAPTOGGLE 3/8-16	8	PSS	POWER-Sert Adhesive Insert Anchors, 304 Stainless	53
BCS	SNAPTOGGLE 3/8-16, Stainless Steel	8	REB	SDS-Plus Rebar Cutter Drill Bit - One-Piece	63
BD	SNAPTOGGLE 1/2-13	8	REB2	SDS-Plus Rebar Cutter Drill Bit - Two-Piece	64
BDS	SNAPTOGGLE 1/2-13, Stainless Steel	8	SDF	Slam-It Split Drive Anchors, Flat Head	47
BE	SNAPTOGGLE 5/16-18	8	SDFG	Slam-It Split Drive Anchors, Flat Head, Galvanized	47
BM10	SNAPTOGGLE M10, Metric	8	SDR	Slam-It Split Drive Anchors, Mushroom Head	47
BM10S	SNAPTOGGLE M10, Metric, Stainless Steel	8	SDS	SDS-Plus Carbide-Tipped Drill Bits	58
BM5	SNAPTOGGLE M5, Metric	8	SDSH	Hex Driver Carbide-Tipped Drill Bits	60
BM5L	SNAPTOGGLE M5, Metric, Long	8	SDSMX	SDS-Max Cutter Carbide-Tipped Drill Bits	60
BM5LS	SNAPTOGGLE M5, Metric, Long, Stainless Steel	8	SES	Single Expansion Shields	42
BM5S	SNAPTOGGLE M5, Metric, Stainless Steel	8	SP	SnapSkru Self-Drilling Drywall Anchors	10
BM6	SNAPTOGGLE M6, Metric	8	SPL	Spline Carbide-Tipped Drill Bits	47
BM6L	SNAPTOGGLE M6, Metric, Long	8	SPM	MINI SnapSkru Self-Drilling Drywall Anchors	10
BM6LS	SNAPTOGGLE M6, Metric, Long, Stainless Steel	8	ST	Ultra-Drop Drop-In Anchor Setting Tool	39
BM6S	SNAPTOGGLE M6, Metric, Stainless Steel	8	STH	Hollo Set Setting Tool: Solid-Base Materials	49
BM8	SNAPTOGGLE M8, Metric	8	STM	Ultra-Drop Drop-In Anchor Setting Tool, MINI	39
BM8S	SNAPTOGGLE M8, Metric, Stainless Steel	8	STOP	SDS-Plus STOP Drill Bit	60
CCAT	Ankr-TITE CCAT Wedge Anchors Cat. 1 Cracked Concrete	25	STSH	Hollo Set Setting Tool: Hollow-Base Materials	49
CP	Strike-It Center Pin Anchors	44	T35	TOGGLER Plastic Toggle Anchors: 1-3/8" Grip	15
CSA	Sleeve-TITE Sleeve Anchor, Rod Coupling Anchors	28	T39	TOGGLER Plastic Toggle Anchors: 1-1/2" Grip	15
DES	Double Expansion Shields	42	TA	TOGGLER Plastic Toggle Anchors: Hollow-Core Door	15
DN	Drive-It Drive Pin Anchors	45	TAP	Wej-Con Concrete Screw Drill Bit	62
DNHS	Screw-In Drive Screw Anchor	46	TB	TOGGLER Plastic Toggle Anchors: Residential Drywall	15
DNS	Drive-It Drive Pin Anchors, Stainless Steel	45	TBM	Standard Wing Toggles	51
DWAN	Self-Drilling Drywall Anchors, Plastic	51	TBS1	TOGGLER Specialty Anchors: Shelving	15
DWAS	Self-Drilling Drywall Anchors, Metal	51	TBS2	TOGGLER Specialty Anchors: Pegboard	15
EAW	Inject-TITE (AW) All-Weather	54	TBW	TOGGLER Specialty Anchors: Wire Shelf	15
EAWP	Inject-TITE (P) Platinum	56	TC	TOGGLER Plastic Toggle Anchors: Commercial Drywall	15
EFS	Inject-TITE (FS) Fast-Set	55	TD	TOGGLER Plastic Toggle Anchors: Double Drywall	15
EHS	Inject-TITE (HS) High-Strength	56	TH	TOGGLER Specialty Anchors: Picture Hook	15
EHT	Epoxy Gun	57	VACSDS	SDS-Plus Dustless Vacuum Drill Bit	64
ENEFS	(FS) Formula Nozzle	57	VACSDSMX	SDS-Max Dustless Vacuum Drill Bit	64
ENEAW	(AW) Formula Nozzle	57	WD	Ultra-Drop Drop In Anchors, Standard	38
ENEP	(P) Formula Nozzle	57	WDCT	Ultra-Drop Drop-In Anchors, Coil Thread	39
ESCN	Nylon Screen Tubes for Hollow Wall Applications	57	WDHS	Hollo Set Drop-In Anchors	40
ESCS	Stainless Steel Screen Tubes for Brick and Block	57	WDHSS	Hollo Set Drop-In Anchors, Stainless	40
FCS	Wej-Con Concrete Screws, Phillips Flat Hd. Blue Coating	33	WDL	Ultra-Drop Drop-In Anchors, Lipped Steel	38
FC4S	Wej-Con Concrete Screws, Phillips Flat Hd., 304 Stainless Stl	35	WDM	Ultra-Drop Drop-In Anchors, MINI	39
FCSS	Wej-Con Concrete Screws, Phillips Flat Hd., 410 Stainless Stl	35	WDS	Ultra-Drop Drop-In Anchors, 304 Stainless Steel	39
FCSW	Wej-Con Concrete Screws, Phillips Flat Hd., White Coating	34	WDSS	Ultra-Drop Drop-In Anchors, 316 Stainless Steel	39
FSA	Sleeve-TITE Sleeve Anchors, Flat Head	28	WTSA	Tie-Wire Sleeve Anchors	28
FSAX	Sleeve-TITE Sleeve Anchors, Flat Head Stainless Steel	29	WTW	Tie-Wire Wedge Anchors	21
HCS	Wej-Con Concrete Screws, Slotted HWH, Blue Coating	34			

PRODUCT WARRANTY STATEMENT:

Mechanical Plastics Corp., in its sole discretion and option, will repair, replace or refund the original purchase price of the product for a period of 6 months from the date of sale by Mechanical Plastics Corp. or its distributors provided that the product contains a defect in material or workmanship, excluding normal wear and tear.

This warranty statement does not apply to any products not installed or used in compliance with the published instructions, proper and specific installment procedures, modifications to the product, defective materials to which the product is attached or which have deteriorated, used in conjunction with other manufacturers' anchors, acts of war, acts of terrorism, Force Majeure or any other extraordinary events.

NOTIFICATION:

Absence the receipt of notification by Mechanical Plastics Corp. of any such defect within the 6 months period shall constitute a waiver of any and all claims with regard to such product and sale.

LIMITATION OF LIABILITY:

To the extent permitted by law, the foregoing warranty is expressly in lieu of any and all other warranties, whether express or implied, including but not limited to the implied warranty of fitness for a particular purchase and the implied warranty of merchantability, and whether by statute, case law or otherwise. This warranty is the sole warranty provided by Mechanical Plastics Corp. No warranty is given in respect to the modification or improper installation of any product.

LIMITATION OF DAMAGES:

In no event shall Mechanical Plastics Corp. (including but not limited to its agents, directors, employees, managers, members, officers, representatives, or shareholders) be liable to any entity, individual, organization or person for any lost income, lost opportunities, lost profits, lost savings, capital costs, or for any direct or indirect damages, or for any special or punitive damages, or for any consequential or incidental damages including but not limited to costs and attorney fees arising out of or related to the sale, use, or inability to use the product whether based on contract, tort, warranty, or other equitable or legal grounds.

INDEMNIFICATION:

Purchaser and/or customer hereby agrees to defend, indemnify and hold harmless Mechanical Plastics Corp. for any and all claims by any entity, person or third party for any damages, losses, special losses, punitive claims, or other claims and any consequential costs, including but not limited to legal costs and attorneys' fees.

ACCEPTANCE OF TERMS:

Purchase of any product from Mechanical Plastics Corp. is evidence of acceptance of these warranty terms by the purchaser.

SAFETY, INSTALLATION, TECHNICAL, AND CODE COMPLIANCE INFORMATION:

For full up-to-date information on safety standards, installation instructions, technical specifications, code compliance, and approvals, please visit www.wejit.com.

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