

CODE LISTED

ICC-ES ESR-3066

UNCRACKED CONCRETE

MADE IN

USA



CODE LISTED

ICC-ES ESR-3067

CATEGORY I

CRACKED &
UNCRACKED CONCRETE

Domestic Anchoring

Anchors Manufactured in America

Powers is a proud member of:



Powers
FASTENERS

Powers is a
domestically
owned company
headquartered in
Greenwich, NY, USA

Domestic Anchoring

What is the Buy American Act?

How will it benefit construction in the United States and our distributor network on these types of products?

1. Highway Infrastructure (Modernization of Roads, Bridges, Transit and Waterways.)

- 27.5 billion allocated for Highway Construction
- 16.5 billion allocated to modernize Federal and other Public Infrastructure.
- 17.7 for transit and rail to reduce traffic congestion and gas consumption for clean water

2. Transit (New Construction)

- 750 million for new commuter rail or other light rail system projects.
- Upgrades and Repairs 750 million to modernize existing transit systems including renovations to stations, security systems, computers, equipment, structures, signals and communications.

The Buy American Act is an attempt and the first crucial step to save 3 to 4 million jobs in the United States and help jump start a troubled economy.

How can Powers Fasteners do its part in helping the United States economy on its road to recovery?

- By continuing to employ US workers in its corporate headquarters in Brewster, New York and its 26 other branch locations throughout the United States.
- By providing products that are domestically manufactured in the United States for most structural and non structural applications.
- By making these products readily available through its vast network of independent Stafda distributors.

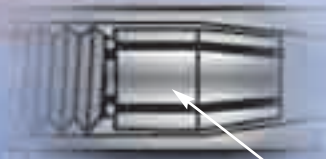
We are proud to offer the following domestic (Made in America) products to the line to help rebuild America:

1. Zamac Nailins (Nail Anchors)
2. Dropins (Internally Threaded Expansion Anchors)
3. Wedge Anchors (Expansion Anchors)
3. T308+ Anchoring Adhesive (Cartridge Adhesive)
4. Zip-It (Self Drilling Wall Board Anchors)
5. Atomic+ Undercut Anchors

To view the summary of the American Recovery and Reinvestment Act of 2009 go to: <http://appropriations.house.gov/pdf/PressSummary02-13-09.pdf>



Dropin • Zamac Nailin®



Internal Plug

ANCHOR MATERIALS

Carbon Steel & Type 303 Stainless Steel

ANCHOR SIZE RANGE (TYP.)

1/4" to 3/4" Standard Thread, 1/2" & 3/4" in Coil Thread

SUITABLE BASE MATERIALS

Solid Concrete, Solid Block, Hard Stone

Steel Dropin

Internally Threaded Expansion Anchor

The Steel Dropin is an all-steel, machine bolt anchor. A setting tool is included in each standard carton.

Carbon Steel Dropin (Smooth Wall)

Cat No.	Anchor Size	Drill Dia.	Anchor Length	Thread Depth	Std. Box	Std. Ctn.
6304USA	1/4"	3/8"	1"	7/16"	100	1000
6306USA	3/8"	1/2"	1-9/16"	5/8"	50	500
6308USA	1/2"	5/8"	2"	13/16"	50	250
6320USA	5/8"	7/8"	2-1/2"	1-3/16"	25	125
6312USA	3/4"	1"	3-13/16"	1-3/8"	10	50

Type 303 Stainless Steel Dropin

Cat No.	Anchor Size	Drill Dia.	Anchor Length	Thread Depth	Std. Box	Std. Ctn.
6204USA	1/4"	3/8"	1"	7/16"	100	1000
6206USA	3/8"	1/2"	1-9/16"	5/8"	50	500
6208USA	1/2"	5/8"	2"	13/16"	50	250
6210USA	5/8"	7/8"	2-1/2"	1-3/16"	25	125
6212USA	3/4"	1"	3-13/16"	1-3/8"	10	50

Type 316 Stainless Steel Dropin

Cat No.	Anchor Size	Drill Dia.	Anchor Length	Thread Depth	Std. Box	Std. Ctn.
6224USA	1/4"	3/8"	1"	7/16"	100	1000
6226USA	3/8"	1/2"	1-9/16"	5/8"	50	500
6228USA	1/2"	5/8"	2"	13/16"	50	250
6230USA	5/8"	7/8"	2-1/2"	1-3/16"	25	125
6232USA	3/4"	1"	3-3/16"	1-3/8"	10	50

Zamac Nailin®

Drive Pin Type Anchor

A tamper-proof nail drive anchor, with a body formed from Zamac alloy. Nails are available in carbon or stainless steel.

Mushroom Head Zamac Nailin® - Carbon Steel Nail

Cat. No.	Size	Drill Dia.	Std. Box	Std. Ctn.
2808USA	1/4" x 1"	1/4"	100	500
2814USA	1/4" x 1-1/4"	1/4"	100	500
2820USA	1/4" x 1-1/2"	1/4"	100	500
2826USA	1/4" x 2"	1/4"	100	500
2827USA	1/4" x 2"	1/4"	1000	1000
2805USA	1/4" x 3"	1/4"	1000	1000

Flat Head Zamac Nailin® - Carbon Steel Nail

Cat. No.	Size	Drill Dia.	Std. Box	Std. Ctn.
2836USA	1/4" x 1-1/2"	1/4"	100	500
2838USA	1/4" x 2"	1/4"	100	500

Mushroom Head Zamac Nailin® - Stainless Steel Nail

Cat. No.	Size	Drill Dia.	Std. Box	Std. Ctn.
2858USA	1/4" x 1"	1/4"	100	500
2864USA	1/4" x 1-1/4"	1/4"	100	500
2870USA	1/4" x 1-1/2"	1/4"	100	500
2876USA	1/4" x 2"	1/4"	100	500

Wedge-Anchor

ANCHOR MATERIALS

Zamac Alloy with Carbon or Stainless Steel Drive Pin

ANCHOR SIZE RANGE (TYP.)

3/16" x 7/8" to 1/4" x 2"

SUITABLE BASE MATERIALS

Concrete, Block, Brick, Stone

Wedge Anchors



ANCHOR MATERIALS

Carbon Steel, Type 303 or 316 Stainless Steel

ANCHOR SIZE RANGE (TYP.)

1/4" x 1-3/4" to 1-1/4" x 12"

SUITABLE BASE MATERIALS

Concrete, Grouted CMU

Wedge Type Expansion Anchor

A one piece, fully threaded, wedge style anchor. The drill bit diameter needed for proper installation is the same nominal size as the anchor diameter.

Carbon Steel Wedge Anchors are manufactured from carbon steel plated with commercial bright zinc and a supplementary chromate treatment in accordance with ASTM Specification B 633, SC1, Type III.

Carbon Steel Wedge Anchor

Cat. No.	Size	Min. Embed.	Thread Length	Std. Box	Std. Ctn.
7400USA	1/4" x 1-3/4"	1-1/8"	3/4"	100	500
7402USA	1/4" x 2-1/4"	1-1/8"	3/4"	100	500
7404USA	1/4" x 3-1/4"	1-1/8"	3/4"	100	500
7410USA	3/8" x 2-1/4"	1-1/2"	7/8"	50	250
7412USA	3/8" x 2-3/4"	1-1/2"	1-1/8"	50	250
7413USA	3/8" x 3"	1-1/2"	1-1/8"	50	250
7414USA	3/8" x 3-1/2"	1-1/2"	1-1/8"	50	250
7415USA	3/8" x 3-3/4"	1-1/2"	1-1/8"	50	250
7416USA	3/8" x 5"	1-1/2"	1-1/8"	50	250
7417USA	3/8" x 7"	1-1/2"	1-1/8"	50	200
7420USA	1/2" x 2-3/4"	2-1/4"	1-1/4"	50	200
7422USA	1/2" x 3-3/4"	2-1/4"	1-1/4"	50	200
7423USA	1/2" x 4-1/2"	2-1/4"	1-1/4"	50	200
7424USA	1/2" x 5-1/2"	2-1/4"	1-1/4"	50	150
7426USA	1/2" x 7"	2-1/4"	1-1/4"	25	100
7427USA	1/2" x 8-1/2"	2-1/4"	1-1/4"	25	100
7428USA	1/2" x 10"	2-1/4"	1-1/4"	25	100
7429USA	1/2" x 12"	2-1/4"	1-1/4"	25	100
7430USA	5/8" x 3-1/2"	3-3/4"	2"	25	100
7432USA	5/8" x 4-1/2"	3-3/4"	3"	25	100
7433USA	5/8" x 5"	3-3/4"	2"	25	100
7434USA	5/8" x 6"	3-3/4"	2"	25	75
7436USA	5/8" x 7"	3-3/4"	2"	25	75
7437USA	5/8" x 12"	3-3/4"	2"	25	75
7438USA	5/8" x 8-1/2"	3-3/4"	2"	25	75
7439USA	5/8" x 10"	3-3/4"	2"	25	75
7440USA	3/4" x 4-1/4"	3-1/4"	2"	20	60
7441USA	3/4" x 4-3/4"	3-1/4"	2"	20	60
7442USA	3/4" x 5-1/2"	3-1/4"	2"	20	60
7444USA	3/4" x 6-1/4"	3-1/4"	2"	20	60
7446USA	3/4" x 7"	3-1/4"	2"	20	60
7448USA	3/4" x 8-1/2"	3-1/4"	2"	10	40
7449USA	3/4" x 10"	3-1/4"	2"	10	30
7451USA	3/4" x 12"	3-1/4"	2"	10	30
7461USA	1" x 6"	4-1/2"	2"	10	40
7463USA	1" x 9"	4-1/2"	2"	10	30
7465USA	1" x 12"	4-1/2"	2"	5	15

Ultimate Load Tables and Technical Data for Carbon Steel and Stainless Steel Wedge Anchors

Nominal Anchor Diameter in.	Minimum Embed. Depth in.	Torque ft/lb	Minimum Concrete Compressive Strength (P _c)					
			2,000 psi (13.8 MPa)		4,000 psi (27.6 MPa)		6,000 psi (41.4 MPa)	
			Tension lbs.	Shear lbs.	Tension lbs.	Shear lbs.	Tension lbs.	Shear lbs.
1/4	1-1/8	5-10	1,170	1,443	1,771	1,813	2,773	2,635
	1-3/4		1,841	1,443	2,408	1,813	2,773	2,635
	2-3/4		1,975	1,443	2,748	1,813	2,830	2,635
3/8	1-1/2	25-30	1,631	4,318	3,636	5,121	4,448	6,232
	3		3,229	4,318	5,653	5,121	5,975	6,232
	5		4,074	4,318	6,328	5,121	6,360	6,232
1/2	2-1/4	50-60	3,999	7,419	6,714	9,377	9,616	9,888
	4		6,336	7,419	8,942	9,377	10,192	9,888
	6		6,902	7,419	10,175	9,377	12,064	9,888
5/8	3-3/4	75-90	4,999	8,264	8,747	12,928	9,760	16,373
	5		8,854	8,264	15,590	12,928	16,802	16,373
	7		9,381	8,264	16,710	12,928	17,732	16,373
3/4	3-1/4	150-175	6,638	12,504	11,314	17,050	16,230	22,965
	6		10,084	12,504	18,408	17,050	21,092	22,965
	8		11,170	12,504	19,805	17,050	22,522	22,965
1	4-1/2	250-300	9,773	23,617	18,250	27,605	27,460	28,909
	7-1/2		11,890	23,617	26,726	27,605	34,960	28,909
	10		15,590	23,617	30,491	27,605	37,840	28,909

Material	Steel	Stainless Steel	Specification	Steel	Stainless Steel
Stud	AISI C12L14	303,304,316	ASTM	A 108, A 510	A 276, A 479
Clip	AISI C1010-1018 1037	304,316	Federal	FF-S-325, Group II Type 4, Class1	A 581, A 582 FF-S-325
Washer	AISI C1010-1018	Type 18-8, 316	Plating	Zinc QQ-Z-325C	Group II
Nut	Low Carbon Steel ASTM A563, Grade A	Type 18-8, 316	Galvanized	Type II, Class 3 ASTM A 153 Class C	Type 4, Class1 Passivated

Anchor Stamp	Anchor Length																			
	From	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2	9	9 1/2	10	11
	Up to (Not Incl.)	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2	9	9 1/2	10	11	12

* Safe working loads for static loading should not exceed 25% of ultimate loads. Tabulated load values are applicable for carbon and stainless steel anchors. Allowable load capacities must be calculated using a minimum applied safety of 4.0. Consideration of safety factors of 10 or higher may be necessary depending on the application, such as life safety or overhead.

Type 303 Stainless Steel Wedge Anchor

Stainless Steel Wedge Anchors are manufactured from AISI Type 303 stainless steel which is passivated.

Cat. No.	Size	Min. Embed.	Thread Length	Std. Box	Std. Ctn.
7300USA	1/4" x 1-3/4"	1-1/8"	3/4"	100	500
7302USA	1/4" x 2-1/4"	1-1/8"	3/4"	100	500
7304USA	1/4" x 3-1/4"	1-1/8"	3/4"	100	500
7310USA	3/8" x 2-1/4"	1-1/2"	7/8"	50	250
7312USA	3/8" x 2-3/4"	1-1/2"	1-1/8"	50	250
7313USA	3/8" x 3"	1-5/8"	1-1/8"	50	250
7314USA	3/8" x 3-1/2"	1-5/8"	1-1/8"	50	250

Type 303 Stainless Steel Wedge Anchor, Continued



Undercut Anchors



Cat. No.	Size	Min. Embed.	Thread Length	Std. Box	Std. Ctn.
7315USA	3/8" x 3-3/4"	1-5/8"	1-1/8"	50	250
7316USA	3/8" x 5"	1-5/8"	1-1/8"	50	250
7320USA	1/2" x 2-3/4"	2-1/4"	1-1/4"	50	200
7322USA	1/2" x 3-3/4"	2-1/4"	1-1/4"	50	200
7322USA	1/2" x 3-3/4"	2-1/4"	1-1/4"	50	200
7323USA	1/2" x 4-1/2"	2-1/4"	1-1/4"	50	200
7324USA	1/2" x 5-1/2"	2-1/4"	1-1/4"	50	150
7326USA	1/2" x 7"	2-1/4"	1-1/4"	25	100
7330USA	5/8" x 3-1/2"	3-3/4"	2"	25	100
7332USA	5/8" x 4-1/2"	3-3/4"	2"	25	100
7333USA	5/8" x 5"	3-3/4"	2"	25	100
7334USA	5/8" x 6"	3-3/4"	2"	25	75
7336USA	5/8" x 7"	3-3/4"	2"	25	75
7338USA	5/8" x 8-1/2"	3-3/4"	2"	25	75
7340USA	3/4" x 4-1/4"	3-1/4"	2"	20	60
7341USA	3/4" x 4-3/4"	3-1/4"	2"	20	60
7342USA	3/4" x 5-1/2"	3-1/4"	2"	20	60
7344USA	3/4" x 6-1/4"	3-1/4"	2"	20	60
7346USA	3/4" x 7"	3-1/4"	2"	20	60
7348USA	3/4" x 8-1/2"	3-1/4"	2"	10	40
7349USA	3/4" x 10"	3-1/4"	2"	10	30

Heavy Duty Undercut Anchor

A heavy duty undercut anchor designed for consistent performance in cracked and uncracked concrete. Atomic+ Undercut anchors are available for standard installations and for through bolt applications where the fixture is already in place. The Atomic+ Undercut anchor is installed into a pre-drilled hole which has been enlarged at the bottom in the shape of a reversed cone using the Powers Undercut Drill Bit. The result is an anchor which transfers load mainly through bearing, and unlike a typical expansion anchor is not dependent upon friction between the expansion sleeve and the concrete.

ANCHOR MATERIALS

Zinc Plated A 36
Carbon Steel
Zinc Plated
High Strength
A 193 Grade
B7 Steel
Type 316
Stainless Steel

Atomic+ Undercut Anchor A 36 Steel

Cat. No.	Nom. Anchor Dia.	Length	Required Undercut Bit (Cat. No.)	Recommended Stop Bit (Cat. No.)	Anchor Type	Std. Box
03100SD	3/8"	5-1/2"	03200SD	03220SD	Standard	20
03102SD	3/8"	5-1/2"	03200SD	*	Through bolt	20
03108SD	1/2"	7"	03201SD	03222SD	Standard	15
03110SD	1/2"	7"	03201SD	*	Through bolt	15
03120SD	5/8"	7-3/4"	03202SD	03222SD	Standard	10
03122SD	5/8"	7-3/4"	03202SD	*	Through bolt	10
03132SD	3/4"	8-5/8"	03203SD	03222SD	Standard	8
03134SD	3/4"	8-5/8"	03203SD	*	Through bolt	8

ANCHOR SIZE RANGE (TYP.)

3/8" diameter through 3/4" diameter

SUITABLE BASE MATERIALS

Normal-Weight Concrete, Structural Sand-Lightweight Concrete

Type 316 Stainless Steel Wedge Anchor

Cat. No.	Size	Min. Embed.	Thread Length	Std. Box	Std. Ctn.
7600USA	1/4" x 1-3/4"	1-1/8"	3/4"	100	500
7602USA	1/4" x 2-1/4"	1-1/8"	1-1/8"	100	500
7604USA	1/4" x 3-1/4"	1-1/8"	1-1/8"	100	500
7610USA	3/8" x 2-1/4"	1-1/2"	1-1/8"	50	250
7612USA	3/8" x 2-3/4"	1-1/2"	1-1/8"	50	250
7613USA	3/8" x 3"	1-1/2"	1-1/8"	50	250
7614USA	3/8" x 3-1/2"	1-1/2"	1-1/8"	50	250
7615USA	3/8" x 3-3/4"	1-1/2"	1-1/8"	50	250
7616USA	3/8" x 5"	1-1/2"	1-1/8"	50	250
7620USA	1/2" x 2-3/4"	2-1/4"	1-1/4"	50	200
7622USA	1/2" x 3-3/4"	2-1/4"	1-1/4"	50	200
7623USA	1/2" x 4-1/2"	2-1/4"	1-1/4"	50	200
7624USA	1/2" x 5-1/2"	2-1/4"	1-1/4"	50	150
7626USA	1/2" x 7"	2-1/4"	1-1/4"	25	100
7630USA	5/8" x 3-1/2"	3-3/4"	2"	25	100
7632USA	5/8" x 4-1/2"	3-3/4"	2"	25	100
7633USA	5/8" x 5"	3-3/4"	2"	25	100
7634USA	5/8" x 6"	3-3/4"	2"	25	75
7636USA	5/8" x 7"	3-3/4"	2"	25	75
7638USA	5/8" x 8-1/2"	3-3/4"	2"	25	75
7640USA	3/4" x 4-1/4"	3-1/4"	2"	20	60
7641USA	3/4" x 4-3/4"	3-1/4"	2"	20	60
7642USA	3/4" x 5-1/2"	3-1/4"	2"	20	60
7644USA	3/4" x 6-1/4"	3-1/4"	2"	20	60
7646USA	3/4" x 7"	3-1/4"	2"	20	60
7648USA	3/4" x 8-1/2"	3-1/4"	2"	10	40
7652USA	7/8" x 8"	3-7/8"	2-1/4"	10	40
7663USA	1" x 9"	4-1/2"	2-1/4"	10	30

The published length of wedge anchors is the overall length of the anchor. Allow for fixture thickness plus one anchor diameter for the nut and washer thickness when selecting a length.

Atomic+ Undercut Anchor

Atomic+ Undercut High Strength A 193, Grade B7 Steel

Cat. No.	Nom. Anchor Dia.	Length	Required Undercut Bit (Cat. No.)	Recommended Stop Bit (Cat. No.)	Anchor Type	Std. Box
03104SD	3/8"	6-3/4"	03200SD	03221SD	Standard	20
03106SD	3/8"	6-4"	03200SD	*	Through bolt	20
03112SD	1/2"	8"	03201SD	03223SD	Standard	15
03114SD	1/2"	8"	03201SD	*	Through bolt	15
03116SD	1/2"	9-3/4"	03201SD	03224SD	Standard	15
03118SD	1/2"	9-3/4"	03201SD	*	Through bolt	15
03124SD	5/8"	10-3/4"	03202SD	03226SD	Standard	10
03126SD	5/8"	10-3/4"	03202SD	*	Through bolt	10
03128SD	5/8"	12-1/4"	03202SD	03227SD	Standard	10
03130SD	5/8"	12-1/4"	03202SD	*	Through bolt	10
03136SD	3/4"	13-5/8"	03203SD	03229SD	Standard	8
03138SD	3/4"	13-5/8"	03203SD	*	Through bolt	8

For anchor lengths not listed please contact Powers Fasteners.

For availability of all anchor lengths please contact Powers Fasteners.

*Contact Powers Fasteners for appropriate drilling method.

Atomic+ Undercut Anchor Type 316 Stainless Steel

Undercut Anchors



Cat. No.	Nom. Anchor Dia.	Length	Required Undercut Bit (Cat. No.)	Recommended Stop Bit (Cat. No.)	Anchor Type	Std. Box
03600SD	3/8"	5-1/2"	03200SD	03220SD	Standard	20
03602SD	3/8"	5-1/2"	03200SD	*	Through bolt	20
03608SD	1/2"	7"	03201SD	03222SD	Standard	15
03610SD	1/2"	7"	03201SD	*	Through bolt	15
03620SD	5/8"	7-3/4"	03202SD	03225SD	Standard	10
03622SD	5/8"	7-3/4"	03202SD	*	Through bolt	10
03632SD	3/4"	8-5/8"	03203SD	03228SD	Standard	8
03634SD	3/4"	8-5/8"	03203SD	*	Through bolt	8

For anchor lengths not listed please contact Powers Fasteners.
 For availability of all anchor lengths please contact Powers Fasteners.
 *Contact Powers Fasteners for appropriate drilling method.

Stop Drill Bits

The Stop Drill Bit creates a drill hole to the proper depth for standard installations of the Atomic+ Undercut anchor. (For through bolt applications please contact Powers Fasteners for appropriate drilling method)

Cat. No.	Nom. Stop Drill Bit Diameter	Corresponding Nom. Anchor Diameter	Max. Drill Depth	Shank Type	Std. Tube
03220SD	5/8"	3/8"	3-1/8"	SDS	1
03221SD	5/8"	3/8"	4-3/8"	SDS	1
03222SD	3/4"	1/2"	4-1/4"	SDS	1
03223SD	3/4"	1/2"	5-1/4"	SDS	1
03224SD	3/4"	1/2"	7"	SDS	1
03225SD	1"	5/8"	5"	SDS-Max	1
03226SD	1"	5/8"	8"	SDS-Max	1
03227SD	1"	5/8"	9-1/2"	SDS-Max	1
03228SD	1-1/8"	3/4"	5-13/16"	SDS-Max	1
03229SD	1-1/8"	3/4"	10-13/16"	SDS-Max	1

Undercut Drill Bits

The Undercut Drill Bits unique design enlarges the bottom of the drill hole creating a reverse cone sized to receive the Atomic+ Undercut anchor.

Cat. No.	Nom. Stop Drill Bit Diameter	Corresponding Nom. Anchor Diameter	Max. Depth of Hole	Shank Type	Std. Tube
03200SD	5/8"	3/8"	9"	SDS	1
03201SD	3/4"	1/2"	10-1/4"	SDS	1
03202SD	1"	5/8"	12-1/4"	SDS-Max	1
03203SD	1-1/8"	3/4"	13-1/2"	SDS-Max	1

Undercut Setting Sleeve

Cat. No.	Corresponding Nom. Anchor Dia.	Std. Tube
03210SD	3/8"	1
03211SD	1/2"	1
03212SD	5/8"	1
03213SD	3/4"	1

Note: One Undercut Setting Sleeve is packaged with each box of Atomic+ Undercut anchors.

MADE IN
USA

Zip-It® • T308+™



ANCHOR MATERIALS

Engineered Nylon or Zamac Alloy

ANCHOR SIZE RANGE (TYP.)

Use with No. 6 or No. 8 screw

SUITABLE BASE MATERIALS

Wallboard

Zip-It®

Wallboard Anchor

The Zip-It® anchor is a one piece self drilling anchor designed for use in hollow gypsum wallboard for light duty loads. It is available in both engineered nylon and Zamac alloy for use with either a No. 6 or No. 8 screws in 3/8" to 1" wallboard.

Cat. No.	Wall Thickness	Description	Std. Box	Std. Ctn.
2345USA	3/8 - 1"	Std. box, no screws	100	1000
2348USA	3/8"-1"	Std. box, No.8 x 1" screws	100	1000
2355USA	3/8"-1"	Master ctn., no screws	-	5000

Nylon Zip-It®

Cat. No.	Wall Thickness	Description	Std. Box	Std. Ctn.
2345USA	3/8 - 1"	Std. box, no screws	100	1000
2348USA	3/8"-1"	Std. box, No.8 x 1" screws	100	1000
2355USA	3/8"-1"	Master ctn., no screws	-	5000

Zinc Zip-It®

Cat. No.	Wall Thickness	Description	Std. Box	Std. Ctn.
2346ZUSA	3/8" to 1"	Std. box, no screws	100	1000
2349ZUSA	3/8" to 1"	Std. box, No.8 x 1" screws	100	1000
2356ZUSA	3/8" to 1"	Master ctn., no screws	-	1000



PACKAGING

Coaxial Cartridge
8.5 fl. oz. (250 mL)

Dual (Side-by-Side)
Cartridge

14 fl. oz. (410 mL)

21.5 fl. oz. (630 mL)

51 fl. oz. (1508 mL)

STORAGE LIFE & CONDITIONS

Two years in a dry, dark environment with temperatures ranging from 40-95° F.

CODE LISTED
ICC-ES ESR-3066
EMBEDDED CONCRETE

T308+™

Adhesive Anchoring System

T308+ is a two-component epoxy adhesive anchoring system. The system includes injection adhesive in plastic cartridges, mixing nozzles, dispensing tools and hole cleaning equipment. The T308+ is designed for bonding threaded rod and reinforcing bar into drilled holes in concrete base materials.

T308+™ Cartridges

Cat. No.	Description	Std. Box	Std. Ctn.
8558USA	8.5 fl. oz. Quik-Shot cartridge	12	24
8503USA	14 fl. oz. Side-by-Side cartridge	12	-
8523USA	21.5 fl. oz. Side-by-Side cartridge	12	-
8536USA	51 fl. oz. Side-by-Side cartridge (92.0 in3)	8	-

T308+ mixing nozzles must be used to ensure complete and proper mixing of the adhesive.

One T308+ mixing nozzle is packaged with each cartridge.

POWERS FASTENERS **BRANCH INFORMATION**

USA LOCATIONS

CITY	ADDRESS	CONTACT	PHONE	FAX
Alabama	5405 Buford Hwy Suite 410 Norcross, GA 30071-3984	Jeff Hatchett	205-520-6044	678-966-9242
Atlanta	5405 Buford Hwy Suite 410 Norcross, GA 30071-3984	Robert Brito	678-966-0000	678-966-9242
Boston	2 Powers Lane, Brewster, NY 10509	Jack Armour	800-524-3244	914-576-6483
Charlotte	349 L West Tremont Avenue, Charlotte, NC 28203	Bob Aurisy	704-375-5012	704-376-5517
Chicago	2472 Wisconsin Avenue, Downers Grove, IL 60515	Dan Gilligan	630-960-3156	630-960-3912
Dallas	10625 King Williams Drive, Dallas, TX 75220	Kyle Thuenemann	972-506-9258	972-506-9290
Denver	2475 West Second Street #35, Denver, CO 80223	Aaron Minnis	303-922-9202	303-922-9228
Detroit	21600 Wyoming Avenue, Oak Park, MI 48237	Glen Gaskill	248-543-8600	248-543-8601
Florida	9208 Palm River Road, Bldg. 3, Suite 305, Tampa, FL 33619	Mark Mamula	813-626-4500	813-626-4545
Houston	13833 North Promenade, Suite 100, Stafford, TX 77477	Chris Salisbury	281-491-0351	281-491-0367
Indianapolis	15290 Stony Creek Way, Noblesville, IN 46060	Bill Trainor	317-773-1668	317-773-1690
Kansas City / St Louis	716 East 16th Avenue, North Kansas City, MO 64116	Don James, Jr.	816-472-5038	816-472-5040
Los Angeles	2761 Dow Avenue, Tustin, CA 92780	Jack Stewart	714-731-2500	714-731-2566
Maryland	3137-B Pennsy Drive, Landover, MD 20785	Chris Van Syckle	301-773-1722	301-341-5119
Milwaukee	12020 W. Feerick Street, Milwaukee, WI 53222	Donn Raduenz	414-466-2400	414-466-3993
Minneapolis	351 Wilson Street, NE Minneapolis, MN 55413	Rick Gruye	612-331-3756	612-331-3549
Nashville/Memphis	221 Blanton Avenue, Nashville, TN 37210	Ira Liss	615-248-2667	615-248-2676
New Orleans	102 Sampson Street, Houston, TX 77003	Cal Zenor	713-228-1524	713-228-1528
New York	2 Powers Lane, Brewster, NY 10509	John Partridge	914-235-6300	914-576-6483
Philadelphia	2 Powers Lane, Brewster, NY 10509	Greg Stephenson	800-524-3244	914-576-6483
Phoenix	3602 E. Southern Ave, Suite 5 Phoenix, AZ 85040	Craig Hering	602-431-8024	602-431-8027
Pittsburgh	1360 Island Avenue, McKees Rocks, PA 15136	Bill Dugan	412-771-3010	412-771-9858
Portland	129 South Kenyon, Seattle, WA 98108	Jim Swink	360-608-6845	206-762-5817
Rochester	40 Harrison Street, Rochester, NY 14605	Mike Kolstad	585-288-2080	585-288-8732
Salt Lake City	2212 SW Temple #20, Salt Lake City, UT 84115	Don Manning	801-466-9428	801-466-3083
San Francisco	28970 Hopkins Street, Suite B+C, Hayward, CA 94545	Dan Mullan	510-293-1500	510-293-1505
Seattle	129 South Kenyon, Seattle, WA 98108	Darin Arnold	206-762-5812	206-762-5817

INTERNATIONAL LOCATIONS

COUNTRY/REGION	ADDRESS	CONTACT	PHONE	FAX
Australia	Factory 3, 205 Abbotts Road, Dandenong, South Victoria 3175	Phil Rose	+61 3 8787 5888	+61 3 8787 5899
Canada	6950 Edwards Blvd. Mississauga, Ontario L5T 2W2	Mark Russell	905-673-7295	905-673-6490
China	Metropolitan Business Centre, East Nandan Road, Lane 300, No. 9, Room 604 Xuhui District, Shanghai, China 200030	Jake Olsen	+86-21-3363-2880	+86-21-3363-2881
China	TriF international, 4E, Building 11, The City of Design, Tianmian Village, Futian, Shenzhen 518000	Tom Nie	86-755-82795378	86-755-82795379
Europe	Westrak 208, 1771 SV Wieringerwerf, Netherlands	Paul Geuvers	+31 888 769 377	+31 227 594 759
India	112, D Wing, Twin Arcade, Military Rd., Andheri, [E] Mumbai, 400059	Ajay Kulkarni	91-22-401591304	
Manitoba	1810 Dublin Avenue Man. Winnipeg, R3H 0H3	Distributor	204-633-0064	204-694-1261
New Zealand	PO Box 302 076 North Harbour Auckland	Clay Sesto	+64 9415 2425	+64 9415 2627
Quebec	721 Meloche Avenue, Dorval, Quebec H9P 2S5	Alan Hill	514-631-4216	514-631-2583
Thailand	80/89 MOO4 Petchakasem Road, Bangkhae Bangkok 10160	Chalee Surakavanichakorn	+661 826 5821	

LATIN & CARIBBEAN DISTRIBUTION INQUIRIES

COUNTRY/REGION	ADDRESS	CONTACT	PHONE	FAX
Latin America	9208 Palm River Road, Ste 305, Tampa, Florida 33619	Michael Gaffigan	954-914-6665	813-626-4545

LATIN & CARIBBEAN DISTRIBUTION

COUNTRY/REGION	ADDRESS	CONTACT	PHONE	FAX
Brazil	HARD, Rua Dr. Humberto Pinheiro Viera, 150 Lote B, 1 B Distrito Industrial, Joinville, Brazil		55-47-40097209	55-47-40097217
Colombia	Electrogeno, S.A., Carrera 52 #71c-38, Bogota, Colombia		(57) 1 6600 9436	
Costa Rica	Electro Mechanics Supply, La Uruca Contiguo Banco Ntnl., De Costa Rica Condominio, Horizontal Bodega #9, San Jose, Costa Rica		(506) 2233-2595	
Dominican Republic	Calle Estancia Nueva #17 E Esquina Cul-De-Sac 9, San Geronimo, Santo Domingo	Rodfor Team	809-224-5615	809-472-8640
Ecuador	Acero Comercial Ecuatoriano S.A., Av. La Prensa N45-14 y Telégrafo 1 – Quito Av. Juan Tanca Marengo Km. 1.7 – Guayaquil	infoioui@acero comercial.com infofyge@acero comercial.com	(593-2) 2454 333 (593-4) 2683 060	(593-2) 2454 455 (593-4) 2683 059
Guatemala	Tecnofijaciones, 6 Avenue 8-56 Zona 9, Zona 9, Guatemala	Oscar Lucas Penagos	502-233-4-3478	
Panama	Centro-Industrial, Via Cincuentenario, No. 7910, Ciudad Panama, Panama		(507) 302-8022	
Peru	Powers Peruana SAC, Av. Santa Catalina, 555 La Victoria, Lima 13, Peru (www.powersperuana.com)	Martin Vasquez	(011) 511 265 8500	(011) 511 330 0909
Venezuela	Calle Sucre/Qta. Maudora, #1721 Entre Cec Acosta Y San Ignacio Chacao, Caracas	Distributor	58 212 264 1313	58 212 263 0219
Trinidad - Tobago	Ft. Farfan, 3-5 Ibis Avenue, Ibis Acres, San Juan	Derek Cumming	(868) 674-7896	

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