

## Suitable Substrates for Anchors

	CONCRETE	SOLID BRICK	HOLLOW BRICK	SOLID BLOCK	HOLLOW BLOCK	STONE	PLYWOOD	WALLBOARD
D Plastic Anchor	●	●	○	○	○	○		●
Conical Anchor	●	●	○	○	○	○		●
Plastic Plug Anchor	●	○	○	○	○	○		○
Driller Toggle™								●
Toggle Style Drywall Anchor			○		○		●	●
Self Drilling Drywall Anchor							○	●
Anchor Wall Screw			●				●	●
Hollow Wall Drive Anchor								●
Pull Style Drywall Anchor					●		○	●
Toggle Bolt					●		○	●
B & C Nylon Nail In	●	●	○	○	○	○		
B Masonry Fastener								
C Masonry Fastener								
B Drive Anchor	●	●	○	●	○	○		
C Drive Anchor	●	●	○	●	○	○		
316 Stainless Mushroom Head Spike Anchor	●	○		○		○		
Grade 8.2 Carbon Steel Mushroom Head Spike Anchor	●	○		○		○		
Split Drive Type Anchor	●	○		○		○		
B Steel Anchor	●	●	●	●	●			
Concrete Bolt	●	●	○	●	○	○		
Wall Dog Anchor	●	●	●	●	●			
Lead Wood Screw Anchor	●	●	○	○	○	○		
Lag Shield	●	○	○	○	○	○		
Machine Screw Anchor	●	●	○	○	○	○		
Single Expansion Shield	●	○		○		○		
Double Expansion Shield	●	○		○	○	○		
Para Sleeve Anchor	●	●	○	●	○	○		
Pin Drive Expansion Anchor	●	●	○	●	○	○		
Super Sleeve Anchor	●	●	○	●	○	○		
Drop In Anchor	●							
Concrete Insert	○							
Hex Wedge Anchor	●			○		○		

● SUITABLE    ○ MAY BE SUITABLE

Load values provided in Wall Anchor section are estimated and may vary in actual use.

## D Plastic Anchor Kit

- Supplied in high quality unbreakable clear plastic box that is divided into two compartments.
- Kit includes one slow spiral carbide drill bit.



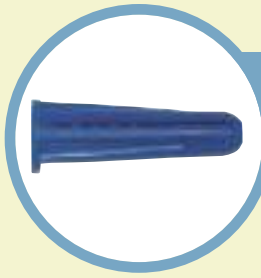
PART NUMBER	KIT CONTAINS	CARTON QTY
126PXX	(100) D10 Plastic Anchors (100) #8 x 1" Combo Pan Tapping Screws (1) 3/16" x 4" Masonry Drill Bit	50 Kits
126HXX	(100) D10 Plastic Anchors (100) #8 x 1" Slot Hex Tapping Screws (1) 3/16" x 4" Masonry Drill Bit	50 Kits
126HPS	(100) D10 Plastic Anchors (100) #8 x 1" Combo Hex Tapping Screws (1) 3/16" x 4" Masonry Drill Bit	50 Kits
127PXX	(100) D12 Plastic Anchors (100) #10 x 1" Combo Pan Tapping Screws (1) 1/4" x 4" Masonry Drill Bit	50 Kits
127HXX	(100) D12 Plastic Anchors (100) #10 x 1" Slot Hex Tapping Screws (1) 1/4" x 4" Masonry Drill Bit	50 Kits
127HPS	(100) D12 Plastic Anchors (100) #10 x 1" Combo Hex Tapping Screws (1) 1/4" x 4" Masonry Drill Bit	50 Kits
128PXX	(50) D16 Plastic Anchors (50) #12 x 1 1/4" Combo Pan Tapping Screws (1) 5/16" x 4" Masonry Drill Bit	50 Kits
128HXX	(50) D16 Plastic Anchors (50) #12 x 1 1/4" Slot Hex Tapping Screws (1) 5/16" x 4" Masonry Drill Bit	50 Kits
128HPS	(50) D16 Plastic Anchors (50) #12 x 1 1/4" Combo Hex Tapping Screws (1) 5/16" x 4" Masonry Drill Bit	50 Kits

## D Plastic Anchor

- Used with wood screws or tapping screws for making lightweight attachments (under 50 lbs.) such as cable clips and clamps, outside network interfaces (ONI), protectors, ground blocks, etc.
- For use in concrete, hollow block, solid block, and wallboard.
- Flange is formed at top end to prevent anchor from sinking in hole during installation in hollow materials.
- Two longitudinal slots are formed on the working end of anchor to allow each half to expand.
- Ribs prevent anchor from turning and to prevent pullout.
- Not for use in overhead applications.
- Anchor body is resistant to corrosion from moisture.
- Molded from polypropylene.



PART NUMBER	SIZE	DESCRIPTION	MIN. HOLE DEPTH	RECOMMENDED HOLE DIAMETER	BELL NUMBER	INNER PACK QTY	CARTON QTY
126	#4-6-8 x 7/8"	D10	7/8"	3/16"	400003315	8	1,600
127	#8-10-12 x 1"	D12	1"	1/4"	400003323	8	1,600
128	#12-14-16 x 1 1/4"	D16	1 1/4"	5/16"	400003331	8	800
105	#4-6-8 x 7/8"	D10	7/8"	3/16"		100	4,000
106	#8-10-12 x 1"	D12	1"	1/4"		100	3,200
84	#12-14-16 x 1 1/4"	D16	1 1/4"	5/16"		50	1,600
12800	#12-14-16 x 1 1/4"	D16	1 1/4"	5/16"		100	1,600



## Conical Anchor

- Used for making lightweight attachments (under 40 lbs.) in concrete, solid block, drywall, plaster, and wallboard.
- Recommended for light duty static applications where holding power is not a critical factor.
- Flange is formed at top end to prevent anchor from sinking in hole during installation in hollow materials.
- Three horizontal fins prevent anchor from turning during installation.
- Anchor body is resistant to corrosion from moisture.
- Not for use in overhead applications.
- Molded from polypropylene.

PART NUMBER	SIZE	RECOMMENDED HOLE SIZE	MIN. HOLE DEPTH	INNER QTY	CARTON QTY
187	#6-8 x 3/4"	3/16"	3/4"	100	4,000
186	#8-10 x 7/8"	3/16"	7/8"	100	4,000
180	#10-12 x 1"	1/4"	1"	100	3,200
181	#14-16 x 1 1/2"	5/16"	1 1/2"	50	1,600



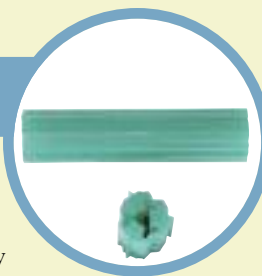
## Conical Anchor Kit

- Supplied in a high quality unbreakable clear plastic box that is divided into two compartments.
- Kit includes one slow spiral carbide drill bit.

PART NUMBER	KIT CONTAINS	CARTON QTY
187PXX	(100) #6-8 x 3/4" Conical Plastic Anchors (100) #6 x 1" Combo Pan AB Tapping Screws (1) 3/16" x 4" Masonry Drill Bit	50 Kits
186PXX	(100) #8-10 x 7/8" Conical Plastic Anchors (100) #8 x 1" Combo Pan AB Tapping Screws (1) 3/16" x 4" Masonry Drill Bit	50 Kits
180PXX	(100) #10-12 x 1" Conical Plastic Anchors (100) #10 x 1 1/4" Combo Pan AB Tapping Screw (1) 1/4" x 4" Masonry Drill Bit	50 Kits
181PXX	(50) #14-16 x 1 1/2" Conical Plastic Anchors (50) #14 x 1 1/2" Combo Pan AB Tapping Screw (1) 5/16" x 4" Masonry Drill Bit	50 Kits
187HXX	(100) #6-8 x 3/4" Conical Plastic Anchors (100) #6 x 1" Slotted Hex Washer AB Tapping Screws (1) 3/16" x 4" Masonry Drill Bit	50 Kits
186HXX	(100) #8-10 x 7/8" Conical Plastic Anchors (100) #8 x 1" Slotted Hex Washer AB Tapping Screws (1) 3/16" x 4" Masonry Drill Bit	50 Kits
180HXX	(100) #10-12 x 1" Conical Plastic Anchors (100) #10 x 1 1/4" Combo Hex AB Tapping Screw (1) 1/4" x 4" Masonry Drill Bit	50 Kits
181HXX	(50) #14-16 x 1 1/2" Conical Plastic Anchors (50) #14 x 1 1/2" Combo Hex AB Tapping Screw (1) 5/16" x 4" Masonry Drill Bit	50 Kits

## Plastic Plug Anchor

- Used for making lightweight attachments (under 40 lbs.) in concrete, solid block, and stone.
- Recommended for light duty static applications where holding power is not a critical factor.
- Not for use in overhead applications.
- Longitudinal ribs on the anchor body prevent turning when screw is tightened.
- Internationally color-coded for easy identification of diameter.
- Extruded from PVC.



PART NUMBER	SIZE	COLOR	RECOMMENDED HOLE DIAMETER	PULL OUT (LBS)	INNER QTY	CARTON QTY
460	#4-6 x 1"	White	3/16"	100	100	1,600
461	#7-9 x 1 1/2"	Red	7/32"	150	100	4,000
462	#10-12 x 1 1/4"	Green	1/4"	250	100	4,000
463	#10-12 x 1 1/2"	Green	1/4"	400	100	3,200
464	#14 x 1 1/2"	Blue	5/16"	500	100	1,000

## Plastic Plug Anchor Kit

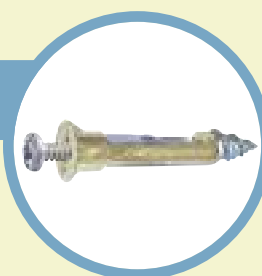
- Supplied in high quality unbreakable clear plastic box that is divided into two compartments.
- Kit includes one slow spiral carbide drill bit.



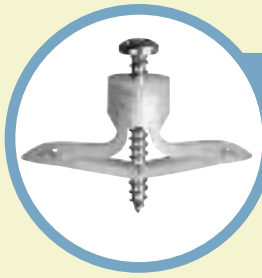
PART NUMBER	KIT CONTAINS	CARTON QTY
460PXX	(100) #4-6 x 1" Plastic Plug Anchors (100) #6 x 1" Combo Pan AB Tapping Screws (1) 3/16" x 4" Masonry Drill Bit	50 Kits
461PXX	(50) #7-9 x 1 1/2" Plastic Plug Anchors (50) #8 x 1 1/2" Combo Pan AB Tapping Screws (1) 7/32" x 4" Masonry Drill Bit	50 Kits
462PXX	(50) #10-12 x 1 1/4" Plastic Plug Anchors (50) #10 x 1 1/4" Combo Pan AB Tapping Screw (1) 1/4" x 4" Masonry Drill Bit	50 Kits
463PXX	(50) #10-12 x 1 1/2" Plastic Plug Anchors (50) #10 x 1 1/2" Combo Pan AB Tapping Screw (1) 1/4" x 4" Masonry Drill Bit	50 Kits
464PXX	(50) #14 x 1 1/2" Conical Plastic Anchors (50) #14 x 1 1/2" Combo Pan AB Tapping Screw (1) 5/16" x 4" Masonry Drill Bit	50 Kits

## Driller Toggle™

- Used for making lightweight attachments (under 50 lbs.) in drywall.
- Excellent where vertical loads are present (i.e.; attachments to ceilings).
- Toggle action for extra holding power in drywall.
- Expands and grips behind 3/8", 1/2", and 5/8" drywall.



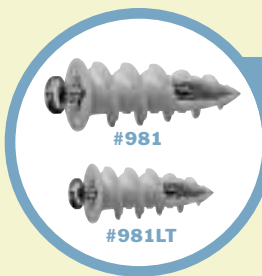
PART NUMBER	DESCRIPTION	CARTON QTY
977	Kit Containing: (25) Driller Toggles (25) #8 x 2" Combo Pan AB Tapping Screw Zinc Plated	16 Kits



## Toggle Style Drywall Anchor

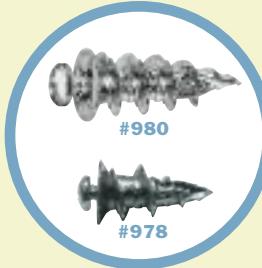
- Used for making lightweight attachments (under 30 lbs.) such as terminals and phone jacks to drywall or solid masonry.
- Fins on the head of the anchor prevent it from spinning as it is tightened.
- As the screw advances, it engages the outer portion of the wings to form a rigid truss shape.
- Will stay in place if screw is removed.
- Molded from polyethylene.

PART NUMBER	DESCRIPTION	RECOMMENDED HOLE DIAMETER	WALL THICKNESS	SCREW DIA. ACCEPTED	BELL NUMBER	INNER PACK QTY	CARTON QTY
348	Small Toggle Anchor	3/8"	3/8"	#6	401748421	100	400
349	Medium Toggle Anchor	3/8"	1/2"	#8	401748439	100	400
350	Large Toggle Anchor	3/8"	5/8"	#8	401748447	100	400



## Self Drilling Drywall Anchor

- Used for making lightweight attachments (under 40 lbs.) to drywall.
- Eliminates the need for pre-drilling holes.
- Slim design will not disrupt the consistency of the drywall.
- Thin knife-like threads have an oversized outer diameter that cuts deeply in sheetrock to spread the load area over a large bearing area.
- Nylon Drywall Anchors are non-conductive and are ideal when attaching electrical devices.



PART NUMBER	DESCRIPTION	RECOMMENDED SCREW SIZE	INNER PACK QTY	CARTON QTY
981	Nylon Self Drilling Drywall Anchor	#8	100	800
980	Zamac Self Drilling Drywall Anchor	#8	100	800
981LT	Mini Nylon Self Drilling Drywall Anchor	#6	100	1,600
978	Mini Zamac Self Drilling Drywall Anchor	#6	100	1,600



## Self Drilling Drywall Anchor Kit

- Supplied in a high quality unbreakable clear plastic box.

PART NUMBER	KIT CONTAINS	CARTON QTY
981PXX	(50) Nylon Self Drilling Drywall Anchor (50) #8 x 1 1/4" Combo Pan AB Tapping Screws	25 Kits
980PXX	(50) Zinc Self Drilling Drywall Anchor (50) #8 x 1 1/4" Combo Pan AB Tapping Screws	25 Kits
981LTPXX	(50) Mini Nylon Self Drilling Drywall Anchor (50) #6 x 7/8" Combo Pan AB Tapping Screws	25 Kits
978PXX	(50) Mini Zinc Self Drilling Drywall Anchor (50) #6 x 7/8" Combo Pan AB Tapping Screws	25 Kits

## Anchor Wall Screw



- Used for making lightweight attachments (under 40 lbs.) such as terminals and back-plates of wall phones to drywall.
- Fiber washer prevents anchor from turning while tightening screw.
- Manufactured from AISI 1008 Steel.
- Once anchor is set, screw may be removed as often as necessary without effecting anchor.
- Anchor Wall Screws are comprised of expansion sleeve and a machine screw.
- The sleeve is formed from steel with a flanged collar at one end and a threaded section at the working end.
- Flanged collar has two prongs which grip surface of base material to prevent anchor from spinning during installation.
- As screw is tightened, the screw pulls against threaded section causing legs to expand and draw up tightly against the inside wall.
- For use in plywood, hollow tile, plaster, and drywall.
- Zinc-plated to meet ASTM Specification F1941.

PART NUMBER	SIZE	DESCRIPTION	BELL NUMBER	INNER PACK QTY	CARTON QTY
302	1/8" XS	B1	401899471	8	800
90	1/8" XS	B1		100	1,600
300	1/8" S	B4	400003380	8	800
3000	1/8" S	B4		100	1,600
301	1/8" L	B6	400003400	8	800
3010	1/8" L	B6		100	800
305	1/8" XL	B8	400003432	8	400
3050	1/8" XL	B8		100	800
303	3/16" S	B10	400407722	8	400
3030	3/16" S	B10		100	400
536	3/16" L	B11	400003463	8	400
5360	3/16" L	B11		100	400
304	3/16" XL	B12	400003463	8	400
91	3/16" XL	B12		100	400
296	1/4" S	B13	401899471	8	400
297	1/4" L	B14	400003489	8	400

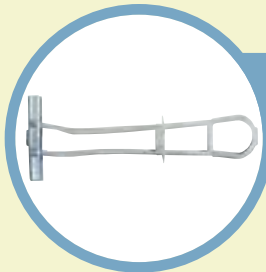
DESCRIPTION	SCREW SIZE	WALL THICKNESS	HOLE SIZE
B1	#6-32 x 1"	0" to 1/4"	5/16"
B4	#6-32 x 1 1/2"	1/8" to 1/2"	5/16"
B6	#6-32 x 2"	5/8" to 7/8"	5/16"
B8	#6-32 x 2 1/2"	1 1/4" to 1 1/2"	5/16"
B10	#10-24 x 2 1/4"	1/8" to 5/8"	3/8"
B11	#10-24 x 2 3/4"	5/8" to 1 1/4"	3/8"
B12	#10-24 x 3 1/2"	1 1/4" to 1 3/4"	3/8"
B13	1/4"-20 x 2 1/4"	1/8" to 5/8"	7/16"
B14	1/4"-20 x 2 3/4"	1 1/4" to 1 3/4"	7/16"



## Hollow Wall Drive Anchor

- Used for making lightweight attachments (under 40 lbs.) such as terminals and back-plates of wall phones to drywall.
- No pre-drilling is required.
- Fiber washer prevents anchor from turning while tightening screw.
- Once anchor is set, screw may be removed as often as necessary without effecting anchor.
- Hollow Wall Drive Anchors are comprised of an expansion sleeve and a machine screw.
- The sleeve is formed from steel with a flanged collar at one end and a threaded section at the working end.
- Flanged collar has two prongs which grip surface of base material to prevent anchor from spinning during installation.
- As screw is tightened, the screw pulls against threaded section causing legs to expand and draw up tightly against the inside wall.
- Hollow Wall Drive Anchors have a sharp point on the end of the machine screw on which a tapered plastic bushing is mounted for penetrating sheetrock.
- Manufactured from AISI 1008 Steel.
- Zinc plated to meet ASTM Specification F1941.

PART NUMBER	DESCRIPTION	SCREW SIZE	WALL THICKNESS	INNER PACK QTY	CARTON QTY
203	1/8" Short Drive Plastic Tip	#6-32 x 1 3/4"	1/8" to 5/8"	8	800
779	1/8" Short-Long Drive Plastic Tip	#6-32 x 2 1/4"	1/8" to 7/8"	8	400
746	1/8" Long Drive Plastic Tip	#6-32 x 2 5/16"	5/8" to 1 1/8"	8	400



## Pull Style Drywall Anchor

- Used to fasten lightweight attachments (under 50 lbs.) in hollow block and drywall.
- Consists of a breakaway plastic pull tab and a toggle shield.
- Does not require a screw to set anchor.
- Suitable for a large range of wall thickness: 3/8"-2 1/2".
- Use 1/2" drill bit to form hole for #10-24 or 1/4"-20 Pull Style Drywall Anchors.
- Toggle shield is zinc plated to meet ASTM Specification F1841.

PART NUMBER	DESCRIPTION	CARTON QTY
7200	#10-24 Pull Style Drywall Anchor	100
7201	1/4"-20 Pull Style Drywall Anchor	100
7202	#10-24 Pull Style Drywall Anchor with 2 1/2" Round Slotted Machine Screws	100
7203	1/4"-20 Pull Style Drywall Anchor with 2 1/2" Round Slotted Machine Screws	100



## Toggle Bolt

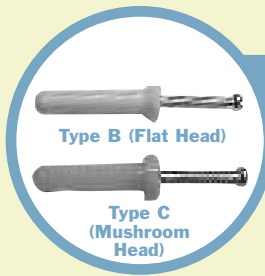
- Used for anchoring lightweight attachments to drywall (ceilings), hollow block, wallboard and plaster.
- Accommodates a wide range of wall thickness.
- The toggle wing is a permanently pre-assembled unit consisting of four parts: two stamped wings, a threaded trunnion nut, and a high tensile spring.
- Fully threaded machine screws with attached spring toggle wing.
- As the anchor is tightened, the wing configuration sits flat against the underside of the walls providing even distribution of loading to prevent pull-through.
- Manufactured from Grade 2 Steel.
- Zinc plated to meet ASTM Specification F1841.



PART NUMBER	DESCRIPTION	INNER PACK QTY	CARTON QTY
502	1/8" x 2" Mushroom Head	50	800
503	1/8" x 2" Round Head	50	800
434	1/8" x 2" Mushroom Head	5	500
505	1/8" x 3" Mushroom Head	50	400
504	1/8" x 3" Round Head	50	800
115	1/8" x 3" Mushroom Head	5	500
506	1/8" x 4" Mushroom Head	50	400
507	1/8" x 4" Round Head	50	400
116	1/8" x 4" Mushroom Head	5	500
512	3/16" x 2" Round Head	50	400
445	3/16" x 2" Mushroom Head	5	500
117	3/16" x 3" Mushroom Head	5	250
513	3/16" x 4" Round Head	50	200
118	3/16" x 4" Mushroom Head	5	250
107	3/16" x 4" Flat Head	50	400
124	3/16" x 4" Flat Head	5	250
446	3/16" x 5" Mushroom Head	5	250
393	3/16" x 6" Round Head	50	200
508	1/4" x 2" Round Head	50	200
119	1/4" x 3" Round Head	5	250
509	1/4" x 3" Round Head	50	200
857	1/4" x 3" Mushroom Head	50	200
510	1/4" x 4" Mushroom Head	50	200
120	1/4" x 4" Round Head	5	250
447	1/4" x 5" Round Head	50	200
858	1/4" x 5" Mushroom Head	50	200
511	1/4" x 6" Round Head	50	100
448	5/16" x 3" Round Head	25	100
514	5/16" x 4" Round Head	50	200
125	5/16" x 4" Round Head	5	250
121	5/16" x 5" Round Head	5	125
108	5/16" x 5" Flat Head	5	125
122	5/16" x 6" Round Head	5	125
109	5/16" x 6" Flat Head	5	125
752	3/8" x 3" Round Head	25	100
183	3/8" x 4" Round Head	25	100
751	3/8" x 5" Round Head	25	100
750	3/8" x 6" Round Head	25	100
453	1/2" x 4" Round Head	25	100
749	1/2" x 6" Round Head	25	25

TOGGLE BOLT DIAMETER	DRILL SIZE	WING CLEARANCE
1/8"	3/8"	1 1/16"
3/16"	1/2"	1 3/8"
1/4"	5/8"	1 1/2"
5/16"	7/8"	2 1/8"
3/8"	7/8"	2 1/8"
1/2"	1 1/4"	3"





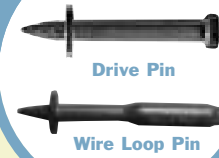
## B & C Plastic Anchor (Nylon-Nail In)

- Used for making medium weight (under 100 lbs.) attachments such as clamps to all types of masonry.
- Comprised of a nylon body and a steel nail with a slotted head.
- Nails have a threaded shank and slotted head to aid in removal.
- B Plastic Anchors have a flat head body. C Plastic Anchors have a mushroom head body.
- Two longitudinal slots are formed on the working end of anchor to allow each half of the body to expand.
- Nails are manufactured from AISI 1008 Steel.
- Nails are zinc-plated to meet ASTM Specification F1941.
- Not recommended in overhead applications.

PART NUMBER	DESCRIPTION	HOLE SIZE	BELL NUMBER	INNERPACK QTY	CARTON QTY
146	3/16" x 1" B	3/16"	400003232	15	1,500
147	1/4" x 1" B	1/4"	400003240	15	1,600
157	1/4" x 1 1/2" B	1/4"	400003257	15	750
148	1/4" x 2" B	1/4"	401902994	15	750
149	3/16" x 3/4" C	3/16"	400003265	15	3,000
150	3/16" x 1" C	3/16"	400003273	15	1,500
151	3/16" x 1 1/2" C	3/16"	400003281	15	750
152	1/4" x 1" C	1/4"	400003299	15	1,500
153	1/4" x 1 1/2" C	1/4"	400003007	15	750
154	1/4" x 2" C	1/4"	401903000	15	750
14600	3/16" x 1" B	3/16"		100	1,600
14700	1/4" x 1" B	1/4"		100	1,600
15700	1/4" x 1 1/2" B	1/4"		100	1,600
14800	1/4" x 2" B	1/4"		100	800
14900	3/16" x 3/4" C	3/16"		100	3,200
15000	3/16" x 1" C	3/16"		100	1,600
15100	3/16" x 1 1/2" C	3/16"		100	800
15200	1/4" x 1" C	1/4"		100	1,600
15300	1/4" x 1 1/2" C	1/4"		100	800
15400	1/4" x 2" C	1/4"		100	800

## B Masonry Fastener (Drive Pin)

- Used for mounting wire loops, cable clamps, ground blocks, terminals, ONT's, protectors, etc. to mortar joints and weaker concrete.
- Includes an attached  $\frac{3}{8}$ " round washer to retain the drive pin in the Hammer Drive Tool.
- Designed for use with Hammer Tools and should not be used in a powder actuated tool.
- Formed from AISI 1062 Hardened Steel.
- Not recommended for overhead applications.
- Mechanically galvanized to meet ASTM Specification B695.



PART NUMBER	DESCRIPTION	SIZE (Diameter x Length)	BELL NUMBER	INNER PACK QTY	CARTON QTY
701	B2	.145 x $\frac{1}{2}$ "	400139895	12	3,600
327	B3	.145 x $\frac{3}{4}$ "	400139903	12	2,400
328	B4	.145 x 1"	400139911	12	2,400
329	B5	.145 x $1\frac{1}{4}$ "	400139929	12	1,200
330	B6	.145 x $1\frac{1}{2}$ "	400139937	12	1,200
331	B8	.145 x 2"	400139945	12	1,200
292	B10	.145 x $2\frac{1}{2}$ "	400139952	12	600
332	B12	.145 x 3"	400139960	12	600
70100	B2	.145 x $\frac{1}{2}$ "		100	4,000
32700	B3	.145 x $\frac{3}{4}$ "		100	4,000
32800	B4	.145 x 1"		100	4,000
32900	B5	.145 x $1\frac{1}{4}$ "		100	4,000
33000	B6	.145 x $1\frac{1}{2}$ "		100	3,200
4043	Wire Loop Pin	.145 x $1\frac{3}{4}$ "		100	1,600
33100	B8	.145 x 2"		100	1,600
29200	B10	.145 x $2\frac{1}{2}$ "		100	800
33200	B12	.145 x 3"		100	800

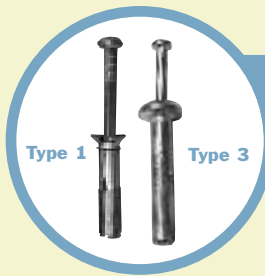
Hammer Tool is on page T33

## C Masonry Fastener (Threaded Drive Pin)

- Used for temporary installations of cable clamps, terminals, and protectors in mortar joints and weaker concrete.
- Each pin includes an attached round washer and hex nut.
- Formed from AISI 1062 Hardened Steel.
- All components are mechanically galvanized to meet ASTM Specification B695.



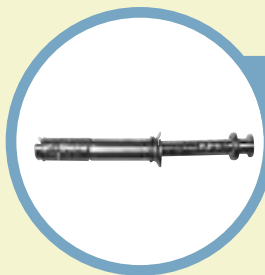
PART NUMBER	DESCRIPTION	SIZE (Threaded Lgth. x Total Lgth.)	BELL NUMBER	INNER PACK QTY	CARTON QTY
391	C31	$\frac{1}{4}$ " x 1"	400139978	12	1,200
333	C32	$\frac{1}{2}$ " x $1\frac{1}{4}$ "	400139986	12	1,200
334	C35	$1\frac{1}{4}$ " x 2"	400139994	12	1,200
291	C41	$\frac{1}{4}$ " x $1\frac{1}{4}$ "	400140000	12	600
335	C42	$\frac{1}{2}$ " x $1\frac{1}{2}$ "	400140018	12	1,200
290	C45	$1\frac{1}{4}$ " x $2\frac{1}{4}$ "	400140026	12	600
289	C51	$\frac{1}{4}$ " x $1\frac{1}{2}$ "	400140034	12	600
336	C52	$\frac{1}{2}$ " x $1\frac{3}{4}$ "	400140042	12	600
337	C55	$1\frac{1}{4}$ " x $2\frac{1}{2}$ "	400140059	12	600



## B Drive Anchor

- Used for attaching cable straps, cable clamps, ground blocks, etc. to concrete, block, brick, and stone.
- Comprised of a Zamac shell (Type 3) or a stamped steel shell (Type 1) and a flat head nail.
- Manufactured from AISI 1008 Steel.
- Zinc plated to meet ASTM Specification F1941.
- Type 3 B Drive Anchors (Hammer Drive Anchors) are offered in  $\frac{3}{16}$ " and  $\frac{1}{4}$ " diameters only.
- Type 1 B Drive Anchors are offered in  $\frac{5}{16}$ ",  $\frac{3}{8}$ ", and  $\frac{1}{2}$ ".
- Not recommended for overhead applications.

PART NUMBER	SIZE	HOLE SIZE	BELL NUMBER	INNER PACK QTY	CARTON QTY
316	$\frac{3}{16}$ " x $\frac{7}{8}$ "	$\frac{3}{16}$ "	400002796	8	800
92	$\frac{3}{16}$ " x $\frac{7}{8}$ "	$\frac{3}{16}$ "		100	1,600
655	$\frac{3}{16}$ " x $1\frac{1}{4}$ "	$\frac{3}{16}$ "	400002804	8	800
317	$\frac{1}{4}$ " x 1"	$\frac{1}{4}$ "	400002812	8	800
93	$\frac{1}{4}$ " x 1"	$\frac{1}{4}$ "		100	1,600
318	$\frac{1}{4}$ " x $1\frac{1}{4}$ "	$\frac{1}{4}$ "	400002820	8	400
94	$\frac{1}{4}$ " x $1\frac{1}{4}$ "	$\frac{1}{4}$ "		100	800
380	$\frac{1}{4}$ " x $1\frac{1}{2}$ "	$\frac{1}{4}$ "	400002853	8	480
412	$\frac{1}{4}$ " x 2"	$\frac{1}{4}$ "		8	400
319	$\frac{5}{16}$ " x $1\frac{1}{4}$ "	$\frac{5}{16}$ "	400002846	8	400
320	$\frac{5}{16}$ " x $1\frac{3}{4}$ "	$\frac{5}{16}$ "	400002853	8	400
321	$\frac{5}{16}$ " x $2\frac{1}{4}$ "	$\frac{5}{16}$ "	400002861	8	400
322	$\frac{5}{16}$ " x $2\frac{3}{4}$ "	$\frac{5}{16}$ "	400002879	4	200
323	$\frac{3}{8}$ " x 2"	$\frac{3}{8}$ "	400002895	8	400
324	$\frac{3}{8}$ " x $3\frac{1}{4}$ "	$\frac{3}{8}$ "	400002903	4	100
325	$\frac{1}{2}$ " x $2\frac{1}{4}$ "	$\frac{1}{2}$ "	400002911	4	200
326	$\frac{1}{2}$ " x $3\frac{1}{2}$ "	$\frac{1}{2}$ "	400002937	4	100



## C Drive Anchor

- Used to make temporary attachments in concrete and brick.
- Comprised of a shield and a double headed steel nail.
- Used in place of B Drive Anchors when temporary installations are required.
- Manufactured from AISI 1008 Steel.
- Zinc-plated to meet ASTM Specification F1941.

PART NUMBER	SIZE	HOLE SIZE	BELL NUMBER	INNER PARK QTY	CARTON QTY
306	$\frac{3}{16}$ " x $\frac{7}{8}$ "	$\frac{3}{16}$ "	400002945	8	800
307	$\frac{1}{4}$ " x 1"	$\frac{1}{4}$ "	401711585	8	400
308	$\frac{1}{4}$ " x $1\frac{1}{4}$ "	$\frac{1}{4}$ "	400002978	8	400
309	$\frac{1}{4}$ " x $1\frac{1}{2}$ "	$\frac{1}{4}$ "	400002986	8	400
310	$\frac{5}{16}$ " x $1\frac{1}{4}$ "	$\frac{5}{16}$ "	400002994	8	400
311	$\frac{5}{16}$ " x $1\frac{3}{4}$ "	$\frac{5}{16}$ "	400003000	8	400
312	$\frac{5}{16}$ " x $2\frac{1}{4}$ "	$\frac{5}{16}$ "	400003018	4	200
313	$\frac{5}{16}$ " x $2\frac{3}{4}$ "	$\frac{5}{16}$ "	400003026	4	200
314	$\frac{3}{8}$ " x 2"	$\frac{3}{8}$ "	400003042	4	200
315	$\frac{1}{2}$ " x $2\frac{1}{4}$ "	$\frac{1}{2}$ "	400003067	4	200

## Split Drive Type Anchor

- A one-piece, tamperproof, and pre-expanded anchor for use in concrete and stone.
- Used for making medium weight attachments (under 400 lbs.).
- As the anchor is driven into the base material, the two sheared halves are compressed to match the diameter of the drilled hole. Once seated at the required embedment, the sheared halves exert continuous compression force against the wall of the hole for superior load capacities.
- Available in flat head and round head styles.
- Manufactured from AISI 1038 heat treated steel.
- Zinc plated to meet ASTM Specification F1941.



PART NUMBER	SIZE	HEAD STYLE	DRILL DIAMETER	HEAD SIZE (OD)	MINIMUM EMBEDMENT	INNER PACK QTY	CARTON QTY
7315	1/4" x 1 1/2"	Flat Head	1/4"	1/2"	1"	100	400
7316	1/4" x 2"	Flat Head	1/4"	1/2"	1"	100	400
7317	1/4" x 2 1/2"	Flat Head	1/4"	1/2"	1"	100	400
7318	1/4" x 3"	Flat Head	1/4"	1/2"	1"	100	400
7319	1/4" x 3 1/2"	Flat Head	1/4"	1/2"	1"	100	400
7320	1/4" x 4"	Flat Head	1/4"	1/2"	1"	100	400

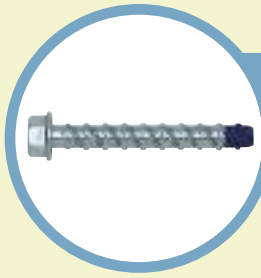
## B Steel Anchor (Concrete Screw)

- Used for making medium weight (under 250 lbs.) attachments such as cable clamps, ground blocks, terminals, ONI's, protectors, etc. to concrete, hollow block, solid block, and brick.
- B Steel Anchors cut mounting threads in masonry.
- Can be removed for adjustment, then re-driven into the same hole.
- Nail point to help guide anchor.
- Standard head style is with a slotted hex washer.
- Manufactured from AISI 1022 Hardened Steel.
- Epoxy resin coating meets ASTM B117.
- Each box contains one drill bit.



PART NUMBER	SIZE	BELL NUMBER	DRILL BIT	INNER PACK QTY	CARTON QTY
343	3/16" x 1 1/4"	402377824	5/32" x 3 1/2"	100	3,200
344	3/16" x 1 3/4"	402377832	5/32" x 3 1/2"	100	1,600
298	3/16" x 2 1/4"	402377840	5/32" x 4 1/2"	100	800
293	3/16" x 2 3/4"	402377857	5/32" x 4 1/2"	100	800
345	1/4" x 1 1/4"	402377865	3/16" x 3 1/2"	100	1,600
346	1/4" x 1 3/4"	402377873	3/16" x 3 1/2"	100	1,600
299	1/4" x 2 1/4"	402377881	3/16" x 4 1/2"	100	800
347	1/4" x 2 3/4"	402377899	3/16" x 4 1/2"	100	400
294	1/4" x 3 1/4"		3/16" x 5 1/2"	100	400

Installation Kit is on page T33. Add "PH" to Part Number for Phillip Flat Head.



## Concrete Bolt

- Used for attaching heavy loads to concrete, brick, and hollow block.
- Can be removed for adjustment, then re-driven into same hole.
- The Concrete Bolt is designed to match standard fixture clearance holes that are  $\frac{1}{16}$ " over anchor diameter to provide a secure fit.
- Can be installed at shallower embedment depths than wedge or sleeve anchors reducing the chance of striking reinforcing bars or embedded cables.
- Utilizes a specially designed relief thread formed in the body of the anchor which allows easy tightening at a reduced torque level and provides dust relief to prevent anchor from jamming.
- A chamfered end easily centers anchor, and a  $30^\circ$  helix angle allows anchor to be tightened quickly. The controlled "screw-in" method is safer than using a hammer.
- Diameter and length appear on the head of each anchor.
- Zinc plated to meet ASTM Specification F1941.
- Manufactured from AISI 1038 heat-treated steel.

PART NUMBER	SIZE	DRILL BIT SIZE	HEX SIZE	WASHER DIAMETER	THREAD LENGTH	MINIMUM EMBEDMENT	INNER PACK QTY	CARTON QTY
7326	$\frac{1}{4}$ " x $1\frac{1}{4}$ "	$\frac{1}{4}$ "	$\frac{7}{16}$ "	$\frac{9}{16}$ "	$1\frac{1}{8}$ "	1"	100	1,600
7327	$\frac{1}{4}$ " x $1\frac{3}{4}$ "	$\frac{1}{4}$ "	$\frac{7}{16}$ "	$\frac{9}{16}$ "	$1\frac{5}{8}$ "	1"	100	1,600
7328	$\frac{1}{4}$ " x $2\frac{1}{4}$ "	$\frac{1}{4}$ "	$\frac{7}{16}$ "	$\frac{9}{16}$ "	2"	1"	100	800
7329	$\frac{1}{4}$ " x 3"	$\frac{1}{4}$ "	$\frac{7}{16}$ "	$\frac{9}{16}$ "	$2\frac{3}{4}$ "	1"	100	800
7340	$\frac{3}{8}$ " x $1\frac{3}{4}$ "	$\frac{3}{8}$ "	$\frac{9}{16}$ "	$\frac{47}{64}$ "	$1\frac{1}{2}$ "	$1\frac{1}{2}$ "	50	200
7341	$\frac{3}{8}$ " x $2\frac{1}{2}$ "	$\frac{3}{8}$ "	$\frac{9}{16}$ "	$\frac{47}{64}$ "	$2\frac{1}{4}$ "	$1\frac{1}{2}$ "	50	200
7342	$\frac{3}{8}$ " x 3"	$\frac{3}{8}$ "	$\frac{9}{16}$ "	$\frac{47}{64}$ "	$2\frac{3}{4}$ "	$1\frac{1}{2}$ "	50	200
7343	$\frac{3}{8}$ " x 4"	$\frac{3}{8}$ "	$\frac{9}{16}$ "	$\frac{47}{64}$ "	$3\frac{3}{4}$ "	$1\frac{1}{2}$ "	50	200
7344	$\frac{1}{2}$ " x 2"	$\frac{1}{2}$ "	$\frac{3}{4}$ "	1"	$1\frac{3}{4}$ "	$1\frac{3}{4}$ "	50	200
7345	$\frac{1}{2}$ " x $2\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{3}{4}$ "	1"	$2\frac{1}{4}$ "	$1\frac{3}{4}$ "	50	200
7346	$\frac{1}{2}$ " x 3"	$\frac{1}{2}$ "	$\frac{3}{4}$ "	1"	$2\frac{3}{4}$ "	$1\frac{3}{4}$ "	50	200
7347	$\frac{1}{2}$ " x 4"	$\frac{1}{2}$ "	$\frac{3}{4}$ "	1"	$3\frac{3}{4}$ "	$1\frac{3}{4}$ "		50
7348	$\frac{5}{8}$ " x 3"	$\frac{5}{8}$ "	$1\frac{5}{16}$ "	$1\frac{3}{16}$ "	$2\frac{3}{4}$ "	$2\frac{1}{2}$ "		25
7349	$\frac{5}{8}$ " x 4"	$\frac{5}{8}$ "	$1\frac{5}{16}$ "	$1\frac{3}{16}$ "	$3\frac{3}{4}$ "	$2\frac{1}{2}$ "		25
7350	$\frac{5}{8}$ " x 5"	$\frac{5}{8}$ "	$1\frac{5}{16}$ "	$1\frac{3}{16}$ "	$3\frac{3}{4}$ "	$2\frac{1}{2}$ "		25
7351	$\frac{3}{4}$ " x 3"	$\frac{3}{4}$ "	$1\frac{1}{8}$ "	$1\frac{13}{32}$ "	$2\frac{3}{4}$ "	$3\frac{3}{4}$ "		25
7352	$\frac{3}{4}$ " x 4"	$\frac{3}{4}$ "	$1\frac{1}{8}$ "	$1\frac{13}{32}$ "	$3\frac{3}{4}$ "	$3\frac{3}{4}$ "		25
7353	$\frac{3}{4}$ " x 5"	$\frac{3}{4}$ "	$1\frac{1}{8}$ "	$1\frac{13}{32}$ "	$3\frac{3}{4}$ "	$3\frac{3}{4}$ "		25
7354	$\frac{3}{4}$ " x 6"	$\frac{3}{4}$ "	$1\frac{1}{8}$ "	$1\frac{13}{32}$ "	$3\frac{3}{4}$ "	$3\frac{3}{4}$ "		25
7355	$\frac{3}{4}$ " x 8"	$\frac{3}{4}$ "	$1\frac{1}{8}$ "	$1\frac{13}{32}$ "	$3\frac{3}{4}$ "	$3\frac{3}{4}$ "		25

## Lead Wood Screw Anchor

- Used with wood screws or tapping screws for anchoring lightweight attachments (under 100 lbs.) to concrete, block or brick.
- Withstands extreme changes in temperature.
- Not effected by chemicals or moisture.
- Ideal for shallow hole anchoring.
- Will conform to any irregularities in hole.



PART NUMBER	SIZE	HOLE DIAMETER	SSI NUMBER	INNER PACK QTY	CARTON QTY
176	#6-8 x 3/4"	1/4"	401130638	100	3,200
184	#6-8 x 1"	1/4"		100	1,600
177	#6-8 x 1 1/2"	1/4"	400473542	100	1,600
178	#10-14 x 1"	5/16"	997905567	100	1,600
179	#10-14 x 1 1/2"	5/16"	401130646	100	1,600
192	#16-18 x 1"	3/8"		50	800
191	#16-18 x 1 1/2"	3/8"	400473559	50	800
745	#20-24 x 1 3/4"	3/8"	400504791	125	500

## Lag Shield

- Used in conjunction with lag screws for attaching cable clamps, terminals, lock boxes, etc. to concrete, hollow block, and brick.
- Consists of two Zamac alloy sleeves which are held together by interlocking tabs.
- Tapered rings provide additional holding power in softer base materials.
- Internal threads to mate with lag screw threads.
- Manufactured from rustproof zinc alloy.
- Short style is used for hard masonry. The long style is used for soft masonry.



PART NUMBER	SIZE	HOLE SIZE	MIN. EMBEDMENT	INNER PACK QTY	CARTON QTY
1410*	1/4" Short	1/2"	1"	100	800
6003	5/16" Short	1/2"	1 1/4"	50	800
1412	3/8" Short	5/8"	1 3/4"	50	200
1413	1/2" Short	3/4"	2"	25	200
708*	1/4" Long	1/2"	1 1/2"	100	400
1415	5/16" Long	1/2"	1 3/4"	50	400
1416	3/8" Long	5/8"	2 1/2"	50	200
1417	1/2" Long	3/4"	3 1/2"	25	100

\* Ideal for installing P House Hooks into masonry.

## Machine Screw Anchor

- Used to fasten cable clamps in concrete, block, brick, and stone.
- Comprised of a lead sleeve and a threaded metal cone.
- Lead sleeve conforms to irregularities of hole.
- Toll required for installation.

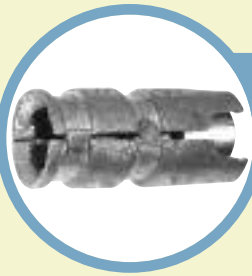


PART NUMBER	SIZE	DRILL SIZE	ANCHOR LENGTH	BELL NUMBER	INNER PACK QTY	CARTON QTY
1400	#6-32	5/16"	1 7/32"		100	1,600
1401	#8-32	5/16"	1 7/32"		100	1,600
1402	#10-24	3/8"	1 1/16"		100	1,600
234	1/4"-20	1/2"	7/8"	401125638	100	1,600
355	1/4"-20 with 1 1/2" Bolt	1/2"	7/8"	700220692	25	400
1403	5/16"-18 with 2" Bolt	5/8"	1 1/16"		25	200
1404	3/8"-16 with 2" Bolt	3/4"	1 5/16"		25	200
356	1/2"-13 with 2 1/2" Bolt	7/8"	1 9/16"	400487625	25	100
356A	1/2"-13 with 1 3/4" Bolt	7/8"	1 9/16"		25	100

Setting Tool in on T32

516.512.7600

Allied Bolt



## Single Expansion Shield

- Used with bolts for making medium weight attachments (under 300 lbs.) such as wall straps, clamps, and brackets to concrete, block, brick, and stone.
- Made of rustproof Zamac alloy.
- Single Expansion Shield consists of a preassembled set of expansion shields and an expander cone. Shields held together by interlocking tabs.
- Anchor remains securely installed even when bolt is removed.

PART NUMBER	SIZE	DRILL SIZE	BELL NUMBER	INNER PACK QTY	CARTON QTY
239	1/4"	1/2"		50	800
376	1/4" with 1 1/4" Hex Bolt	1/2"	700221139 900261637	50	400
194	5/16"	5/8"	401125653	50	200
14040	3/8"	3/4"		100	400
195	3/8" with 2" Hex Bolt	3/4"	401320767 401581095	50	200
185	1/2"	7/8"		50	200
188	5/8"	1"		100	400



## Double Expansion Shield

- Used for making medium weight attachments (under 250 lbs.) such as wall straps and other heavy load brackets to concrete, hollow block, and brick.
- Double Expansion Shields consists of twin tubular sleeves bound together with a high tension spring steel band, which contain two protruding wedge shaped hollow cones.
- As the anchor is tightened, the opposing wedges at either end are drawn in tightly providing full length, 360° expansion over a large bearing area.
- Threaded cone side should be inserted in hole first.
- Ideal for high shear loads, or in situations where bolt is subject to side pressure or vibration.
- Particularly suitable if base material is of questionable strength.
- Will not fracture under heavy use.
- Permits fastening at any depth.

PART NUMBER	DRILL SIZE	SHIELD SIZE	SHEAR LENGTH	STD STRENGTH	INNER PACK QTY	CARTON QTY
540	1/4"	1/2"	1 3/8"	2780 lbs.	50	800
533	5/16"	5/8"	1 5/8"	3600 lbs.	50	400
541	3/8"	3/4"	2"	4485 lbs.	50	200
98	3/8" with 2 1/2" Hex Bolt	5/8"	1 5/8"	3600 lbs.		50
110	1/2"	7/8"	2 1/2"	4600 lbs.	50	200
1115	1/2" with 2 1/2" Hex Bolt	7/8"	2 1/2"	4600 lbs.		50



## Para Sleeve Anchor™

- Used for making heavy-duty attachments in solid concrete, hollow block, and brick.
- Sleeve Anchors consist of a threaded plow bolt which has a cone shaped end. Tubular expansion sleeves are assembled over plow bolt and butted against cone.
- Installation does not require an exact hole depth.
- Can easily be removed or reinstalled.
- Torque controlled expansion for quick setting.
- Anti-rotation ribs and sleeve slots provide spin free installation.
- Steel sleeve anchors are stamped for AISI 1008 Steel and are zinc plated per ASTM Specification F1941.

PART NUMBER	SIZE	STYLE	MINIMUM EMBEDMENT	DRILL SIZE	INNER PACK QTY	CARTON QTY
1520	1/4" x 5/8"	Acorn	5/8"	1/4"	100	400
1521	1/4" x 1 3/8"	Acorn	1 3/8"	1/4"	100	400
1522	1/4" x 2 1/4"	Acorn	1 3/8"	1/4"	100	400
1470	5/16" x 1 1/2"	Hex Nut	1 1/2"	5/16"	100	400
1471	5/16" x 2 1/2"	Hex Nut	1 1/2"	5/16"	100	400
1472	3/8" x 1 7/8"	Hex Nut	1 7/8"	3/8"	50	400
1473	3/8" x 3"	Hex Nut	1 7/8"	3/8"	50	200
1474	3/8" x 4"	Hex Nut	1 7/8"	3/8"		50
1475	1/2" x 2 1/4"	Hex Nut	1 7/8"	1/2"	25	200
1476	1/2" x 3"	Hex Nut	2 1/4"	1/2"	25	100
1477	1/2" x 4"	Hex Nut	2 1/4"	1/2"		25
1478	1/2" x 6"	Hex Nut	2 1/4"	1/2"		25
1479	5/8" x 2 1/4"	Hex Nut	2 1/4"	5/8"		25
1480	5/8" x 3"	Hex Nut	2 1/4"	5/8"		25
1481	5/8" x 4 1/4"	Hex Nut	2 1/4"	5/8"	10	40
1482	5/8" x 6"	Hex Nut	2 1/4"	5/8"		10
1483	3/4" x 2-1/2"	Hex Nut	3 3/8"	3/4"	10	40
1484	3/4" x 4 1/4"	Hex Nut	3 3/8"	3/4"	5	20
1485	3/4" x 6 1/4"	Hex Nut	3 3/8"	3/4"		5
1525	1/4" x 1 1/2"	Flat Slotted	1 3/8"	1/4"	100	400
1526	1/4" x 2 1/4"	Flat Slotted	1 3/8"	1/4"		100
1527	1/4" x 3-1/8"	Flat Slotted	1 3/8"	1/4"	100	400
1528	1/4" x 4"	Flat Slotted	1 3/8"	1/4"		100
1529	5/16" x 2 1/2"	Flat Slotted	1 1/2"	5/16"		100
1530	5/16" x 3 1/2"	Flat Slotted	1 1/2"	5/16"		100
1531	3/8" x 2 3/4"	Flat Slotted	1 7/8"	3/8"		200
1532	3/8" x 4"	Flat Slotted	1 7/8"	3/8"		200
1533	3/8" x 5"	Flat Slotted	1 7/8"	3/8"	25	100
1534	3/8" x 6"	Flat Slotted	1 7/8"	3/8"	25	100
1535	1/4" x 1 1/4"	Round Slotted	5/8"	1/4"		100
1536	1/4" x 2"	Round Slotted	1 3/8"	1/4"	100	400
1537	1/4" x 2 3/4"	Round Slotted	1 3/8"	1/4"	100	400
1538	3/8" x 2 1/2"	Round Slotted	1 7/8"	3/8"		50
1539	3/8" x 3 3/4"	Round Slotted	1 7/8"	3/8"		50
1540	3/8" x 4 3/4"	Round Slotted	1 7/8"	3/8"	25	100
1541	5/16" x 1 3/4"	Wire Hanger	N/A	5/16"	100	400
1542	3/8" x 1 7/8"	Coupling Nut	1 7/8"	3/8"		50
1543	1/2" x 2 1/4"	Coupling Nut	2 1/4"	1/2"		25
1544	5/8" x 2 1/4"	Coupling Nut	2 1/4"	5/8"		25
1545	1/4" x 1 3/8"	Stainless Hex Nut	1 3/8"	1/4"		100
1546	1/4" x 2 1/4"	Stainless Hex Nut	1 3/8"	1/4"		100
1547	5/16" x 1 1/2"	Stainless Hex Nut	1 1/2"	5/16"		100
1548	5/16" x 2 1/2"	Stainless Hex Nut	1 1/2"	5/16"		100
1549	3/8" x 1 7/8"	Stainless Hex Nut	1 7/8"	3/8"	50	200
1665	3/8" x 3"	Stainless Hex Nut	1 7/8"	3/8"	50	200
1666	1/2" x 2 1/4"	Stainless Hex Nut	2 1/4"	1/2"	25	100
1667	1/2" x 3"	Stainless Hex Nut	2 1/4"	1/2"	25	100



Acorn



Hex Nut



Flat Slotted



Round Slotted



Wire Hanger



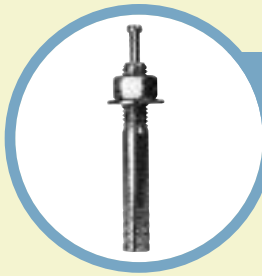
Coupling Nut



Stainless Hex Nut

• Heavy Duty

WALL ANCHORS



## Pin Drive Expansion Anchor

- Used to make medium weight (under 250 lbs.) attachments in concrete and masonry.
- Pin manufactured from AISI 1018 Hardened Steel.
- Anchor formed from AISI 1010 Steel.
- All components are Zinc Plated to meet ASTM Specification F1941.

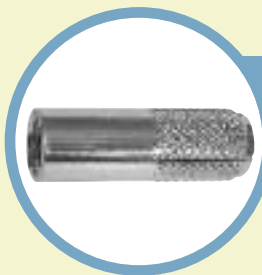
PART NUMBER	SIZE	INNER PACK QTY	CARTON QTY
807	1/4" x 1 3/4"	100	400
808	1/4" x 2 3/8"	100	400
810	5/16" x 2"		100
811	5/16" x 2 3/4"		100
812	3/8" x 2 3/8"		100
813	3/8" x 3 1/2"		100
814	3/8" x 4 3/4"		100
815	1/2" x 2 3/4"		50
816	1/2" x 3 1/2"		50
817	1/2" x 4 3/4"		50



## Super Sleeve Anchor™

- Used for making heavy-duty attachments in solid concrete, hollow block, and brick.
- Patented design allows only the bolt head to protrude from the base material (instead of the threaded stud with other Sleeve Anchor designs).
- Grade 5 steel bolts used to increase shear strength.
- Can easily be removed or reinstalled.
- Torque controlled expansion for quick setting.

PART NUMBER	SIZE	DRILL SIZE	INNER PACK QTY	CARTON QTY
1670	3/8" x 2"	3/8"	50	200
1671	3/8" x 3"	3/8"	50	200
1672	3/8" x 4"	3/8"		25
1673	1/2" x 2 3/4"	1/2"		25
1674	1/2" x 3 3/4"	1/2"		25



## Drop In Anchor

- Used with bolts for structural fastening of heavy duty attachments in concrete, hard stone, and solid block.
- Accommodates shallow embedment and still maintains high performance.
- Manufactured from AISI 1018 Steel.
- Zinc plated to meet ASTM Specification F1941.
- Tool required for installation.

PART NUMBER	SIZE	HOLE SIZE	EMBEDMENT	TENSION (LB.)	INNER PACK QTY	CARTON QTY
1500	1/4"	3/8"	1 1/8"	2230	100	800
1501	3/8"	1/2"	1 3/4"	4825	100	400
1502	1/2"	5/8"	2"	7598		100
1503	5/8"	7/8"	2 1/2"	9275		100
1504	3/4"	1"	3 3/8"	10139	100	400

## Concrete Insert

- Provides a threaded hole for permanent attachments into newly poured concrete.
- A square flange with two nail holes provides additional support for a wood form.
- Eliminates the need for concrete drilling and masonry installation.
- Concrete Inserts are manufactured from a rustproof zinc alloy.



PART NUMBER	SIZE	LENGTH OF INSERT	BELL NUMBER	INNER PACK QTY	CARTON QTY
114	1/2-13 Insert	2 <sup>3</sup> / <sub>8</sub> "	400472478	25	100
357	1/2-13 Insert with 2 1/2" Hex Bolt	2 <sup>3</sup> / <sub>8</sub> "	401411194		25

## Hex Wedge Anchor

- Used for making heavy-duty attachments in concrete and solid block.
- Collar projections offer optimum contact with the concrete.
- Does not require exact hole depth to set anchor.
- Anchor diameter should match hole diameter.
- Chamfered on the threaded end to prevent damage to the anchor.



PART NUMBER			SIZE	INNER PACK QTY	CARTON QTY
Gr. 2 Steel Zinc Plated	302 Stainless Steel	Grade 2 Steel Galvanized			
1430	5510	6610	1/4" x 1 <sup>3</sup> / <sub>4</sub> "	100	800
773	5511	6611	1/4" x 2 <sup>1</sup> / <sub>4</sub> "	100	800
1432	5512	6612	1/4" x 3 <sup>1</sup> / <sub>4</sub> "	100	800
1433	5513	6613	3/8" x 2 <sup>1</sup> / <sub>4</sub> "	100	400
1444	5514	6614	3/8" x 2 <sup>3</sup> / <sub>4</sub> "		100
1445	5515	6615	3/8" x 3"		100
1446	5516	6616	3/8" x 3 <sup>3</sup> / <sub>4</sub> "		100
1447	5517	6617	3/8" x 5"		50
772	5518	6618	1/2" x 2 <sup>3</sup> / <sub>4</sub> "	25	100
1449	5519	6619	1/2" x 3 <sup>3</sup> / <sub>4</sub> "	25	100
247	5520	6620	1/2" x 4 <sup>1</sup> / <sub>4</sub> "	25	100
1451	5521	6621	1/2" x 5 <sup>1</sup> / <sub>2</sub> "		25
1452	5522	6622	1/2" x 7"		25
1453	5523	6623	5/8" x 3 <sup>1</sup> / <sub>2</sub> "		25
1454	5524	6624	5/8" x 4 <sup>1</sup> / <sub>2</sub> "		25
1455	5525	6625	5/8" x 5"		25
1456	5526	6626	5/8" x 6"		25
1457	5527	6627	5/8" x 7"		25
1458	5528	6628	5/8" x 8 <sup>1</sup> / <sub>2</sub> "		25
1459	5529	6629	3/4" x 4 <sup>1</sup> / <sub>4</sub> "		20
1460	5530	6630	3/4" x 4 <sup>3</sup> / <sub>4</sub> "		20
1461	5531	6631	3/4" x 5 <sup>1</sup> / <sub>2</sub> "		20
1462	5532	6632	3/4" x 7"		10
1463	5533	6633	3/4" x 8 <sup>1</sup> / <sub>2</sub> "		10
1464	5534	6634	3/4" x 10"		10
1465	5535	6635	7/8" x 6"		5
1466	5536	6636	7/8" x 8"		5
1467	5537	6637	7/8" x 10"		5
1468	5538	6638	1" x 6"		5
1469	5539	6639	1" x 9"		5

# WALL ANCHORS

