SHIMS

HORSESHOE SHIMS

A shim is a precisely engineered component designed to fill minute discrepancies in space, ensuring alignment, leveling, or proper positioning of objects. They serve as interim stabilizers until permanent fixtures or solutions are implemented. Utilized across various industries, shims come in diverse geometries and are fabricated to exhibit specific load-bearing capacities.

SKU	SIZE	THICKNESS	COLOR	BOX QTY
H132X3X4	3" x 4"	1/32"	Green	1000
H16X3X4	3" x 4"	1/16"	Blue	1000
H8X3X4	3" x 4"	1/8"	Red	1000
H4X3X4	3" x 4"	1/4"	Black	500
H38X3X4	3" x 4"	3/8"	White	360
H12X3X4	3" x 4"	1/2"	Brown	250
H58X3X4	3" x 4"	5/8"	Grape	225
H34X3X4	3" x 4"	3/4"	Cyan	200

U SHIMS

SKU	SIZE	THICKNESS	COLOR	BOX QTY
H16X112X2	1-1/2" x 2"	1/16"	Blue	1000
H8X112X2	1-1/2" x 2"	1/8"	Red	1000
H4X112X2	1-1/2" x 2"	1/4"	Black	1000
H16X112X312	1-1/2" x 3-1/2"	1/16"	Blue	1000
H8X112X312	1-1/2" x 3-1/2"	1/8"	Red	1000
H4X112X312	1-1/2" x 3-1/2"	1/4"	Black	1000
H38X112X312	1-1/2" x 3-1/2"	3/8"	White	500
H12X112X312	1-1/2" x 3-1/2"	1/2"	Brown	500
H16X178X258	1-7/8" x 2-5/8"	1/16"	Blue	1000
H8X178X258	1-7/8" x 2-5/8"	1/8"	Red	1000
H4X178X258	1-7/8" x 2-5/8"	1/4"	Black	1000
H16X2516X3	2-5/16" x 3"	1/16"	Blue	1000
H8X2516X3	2-5/16" x 3"	1/8"	Red	1000
H4X2516X3	2-5/16" x 3"	1/4"	Black	1000
H38X2516X3	2-5/16" x 3"	3/8"	White	500

1-1/2" x 2" and 1-1/2" x 3-1/2" - 1/2" bolt holes, 1-7/8 x 2-5/8" - 5/8" bolt holes, 2-5/16" - 13/16" bolt holes

KEYSLOT SHIMS

SKU	SIZE	THICKNESS	COLOR	BOX QTY
KS16X3X312	3" x 3-1/2"	1/16"	Blue	1000
KS8X3X312	3" x 3-1/2"	1/8"	Red	1000
KS4X3X312	3" x 3-1/2"	1/4"	Black	500

7/16" bolt holes

FLAT PLATE SHIMS

SKU	SIZE	THICK-NESS	BOX SIZE	SKU	SIZE	THICK-NESS	BOX SIZE
FP16X2X2	2" x 2"	1/16"	2400	FP8X2X2	2" x 2"	1/8"	2400
FP4X2X2	2" x 2"	1/4"	1600	FP38X2X2	2" x 2"	3/8"	1000
FP16X2X4	2" x 4"	1/16"	1200	FP8X2X4	2" x 4"	1/8"	1200
FP4X2X4	2" x 4"	1/4"	720	FP38X2X4	2" x 4"	3/8"	500
FP16X3X3	3" x 3"	1/16"	2000	FP8X3X3	3" x 3"	1/8"	1400
FP4X3X3	3" x 3"	1/4"	700	FP38X3X3	3" x 3"	3/8"	250
FP12X3X3	3" x 3"	1/2"	370	FP16X4X4	4" x 4"	1/16"	1600
FP8X4X4	4" x 4"	1/8"	800	FP4X4X4	4" x 4"	1/4"	400
FP38X4X4	4" x 4"	3/8"	250	FP12X4X4	4" x 4"	1/2"	200
FP16X8X8	8" x 8"	1/16"	250	FP8X8X8	8" x 8"	1/8"	150
FP4X8X8	8" x 8"	1/4"	80				

RUGGED CONSTRUCTION SHIMS

SKU	SIZE	THICK-NESS	BOX SIZE	SKU	SIZE	THICK-NESS	BOX SIZE
CS16X2X6	2" x 6"	1/16"	1600	CS8X2X6	2" x 6"	1/8"	900
CS4X2X6	2" x 6"	1/4"	475	CS16X4X6	4" x 6"	1/16"	1000
CS8X4X6	4" x 6"	1/8"	500	CS4X4X6	4" x 6"	1/4"	250
CS38X4X6	4" x 6"	3/8"	180	CS12X4X6	4" x 6"	1/2"	120
CS16X6X6	6" x 6"	1/16"	600	CS8X4X6	6" x 6"	1/8"	350
CS4X6X6	6" x 6"	1/4"	180				

WEDGE SHIMS

	SKU	SIZE	THICKNESS	COLOR	BOX QTY
Tapered Wedge	TW3	1-1/2" x 3-3/8"	1/32" to 1/4"	Black	1000
Sectional Tapered Wedge	TW6	1-1/2" x 6"	1/32" to 3/8"	Black	600
Graduated Sectional Tapered Wedge	TW8	1-1/2" x 8"	1/16" to 1/4"	Black	1000
Snap-Apart Wedge	SATW	1-7/16" x 3-3/4"	1/4" to 1/16"	White	1000

STACK SHIMS

SKU	SIZE	THICKNESS	COLOR	BOX QTY
RS132X318	1-7/8" x 3-1/8"	1/32"	1/4" Mini	2000
RS16X318	1-7/8" x 3-1/8"	1/16"	1/2" Short	2000
RS16X358	1-7/8" x 3-5/8"	1/16"	1" Regular	2000
RS16X418	1-7/8" x 4-1/8"	1/16"	1" Xtra Large	2000
RS16X578	1-7/8" x 5-7/8"	1/16"	1" Giant	2000

DEWALT ANCHOR CHART

FASTENER AND ANCHORING SYSTEMS

SELECTION GUIDE

ADHESIVE ANCHORING SYSTEMS		Concrete	Lightweight Concrete	Hollow Core Pre-Cast	Grout-filled Concrete Masonry	Hollow Masonry	Solid Brick	Hollow Brick	Unreinforced Masonry	Drywall	Plywood	Wood (Lumber)	Anchor Diameter	Threaded Rod and Hex Nut	Round / Acorn Nut Head	Hex Head	Flat Head	Under 500 lbs.	Over 500 lbs.	Over 5000 lbs.	Zinc Plated Carbon Steel	Galvanized Steel	Stainless Steel	Approvals/ Listings 1. ICC-ES 2. FM 3. UL 4. COLA 5. Miami-Dade 6. NSF 7. LEED 8. Cored Holes	Similar Anchoring Products
Pure110+® High Strength Epoxy Anchoring System	DUSTX+ / ICC ES ESR-3298	■	■		■	■	■	□	□				3/8" - 1-1/4" #3 - #11 Rebar	■				■	■	■	■	■	■	1 4 6 7,	Hilti RE 500 V3 Simpson SET-XP Simpson SET 3G
Pure50+™ Epoxy Anchoring System	DUSTX+ / ICC ES ESR-3576	■	■		■		■						3/8" - 1-1/4" #3 - #10 Rebar	■				■	■	■	■	■	■	1 4 6 7	Hilti RE 500 SD Hilti RE 100 Simpson SET
AC200+™ High Strength Acrylic Anchoring System	DUSTX+ / ICC ES ESR-4027	■	■		□		□						3/8" - 1-1/4" #3 - #10 Rebar	■				■	■	■	■	■	■	1 4 6 7	Hilti HY 200
AC100+ Gold® Vinylester Adhesive Anchoring System	DUSTX+ / ICC ES ESR-2582 ESR-3200 ESR-4105	■	■	□	■	■	■	■	■				3/8" - 1-1/4" #3 - #10 Rebar	■				■	■	■	■	■	■	1 4 6 7	Hilti HY 100 Hilti HY 270 Simpson AT-XP
EXPANSION ANCHORS																									
Power-Stud®+ SD1 Carbon Steel Wedge-Anchor	DUSTX+ / ICC ES ESR-2818 ESR-2966	■	■		■								1/4" - 1-1/4"	■				■	■	■	■			1 2 3 4	Hilti Kwik Bolt 3 (KB3) Hilti KBV-TZ Simpson Strong Bolt 2
Power-Stud®+ SD2 High Performance Carbon Steel Wedge-Anchor	DUSTX+ / ICC ES ESR-2502	■	■		■								3/8" - 3/4"	■				■	■	■	■			1 2 3 4	Hilti Kwik Bolt TZ Simpson Strong Bolt 2
Power-Stud®+ SD4 304 Stainless Steel Wedge-Anchor	DUSTX+ / ICC ES ESR-2502	■	■		■								1/4" - 3/4"	■				■	■	■			■	1 4	Hilti Kwik Bolt 3 (KB3) / KB TZ SS Simpson Strong Bolt 2
Power-Stud®+ SD6 316 Stainless Steel Wedge-Anchor	DUSTX+ / ICC ES ESR-2502	■	■		■								1/4" - 3/4"	■				■	■	■			■	1 4	Hilti Kwik Bolt 3 (KB3) / KB TZ SS Simpson Strong Bolt 2
Power-Stud® HD5 Hot-Dip Galvanized Wedge Expansion Anchor		■			■								3/8" - 3/4 "	■				■	■	■		■			
SCREW ANCHORS																									
Screw-Bolt+™ High Performance Screw Anchor	DUSTX+ / ICC ES ESR-3889 ESR-4042	■	■		■		■						1/4" - 3/4" (Zinc Plated & Mech Galv))			■		■	■	■	■	■		1 4	Hilti KH-EZ / KWIK Simpson Titen HD
Screw-Bolt+™ Flat Head High Performance Screw Anchor	DUSTX+ / ICC ES ESR-3889 ESR-4042	■	■		■		■						1/4" - 3/4" (Zinc Plated)				■	■	■		■			1 4	Hilti KH-EZ / KWIK Simpson Titen HD
316 Stainless Steel Wedge-Bolt™ Screw Anchor		■			■								1/4" - 1/2"					■	■				■		Simpson Titen HD
UltraCon®+ Concrete Screw Anchor	DUSTX+ / ICC ES ESR-3068 ESR-3196 ESR-3042 ESR-3213	■	■		■	■	■					■	3/16" - 1/4"			■	■	■	■					1 4 5	Simpson Titen Turbo ITW Tapcon
SPECIALTY ANCHORS																									
CCU+™ Heavy Duty Undercut Anchor	DUSTX+ / ICC ES ESR-4810	■	■										3/8" - 3/4" anchor rod Zinc plated A36 & B7 316 Stainless Steel	■				■	■	■	■		■	1 4	Hilti HDA Undercut
Power-Bolt®+ Heavy Duty Sleeve Anchor	DUSTX+ / ICC ES ESR-3260	■	■										1/4" - 3/4"			■		■	■	■	■			1 4	Hilti HSL-3
MEP THREADED ROD HANGING ANCHORS																									
Snake+® Rod Hanger / Screw Anchor	DUSTX+ / ICC ES ESR-2272	■	■										1/4" - 1/2"					■	■		■			1 2 4	No Similar Product
Smart DI™ Internally Threaded Expansion Anchor		■											1/4" - 1/2"					■	■		■			2 3	Hilti HDI
Hangermate®+ (Concrete) Rod Hanging Anchor	DUSTX+ / ICC ES ESR-3889	■											1/4" - 1/2"					■	■					1 2 4	ITW Sammys Hilti KH-EZI Simpson Titen Rod Hanger
Hangermate® (Steel Wood) Rod Hanging Anchor												■	1/4" - 3/8"					■						2 3	ITW Sammys
Mini-Undercut+™ Rod Hanger for PT Slabs and Hollow Core Plank	ICC ES ESR-3912	■	■	■									3/8"					■						1 4	Hilti HDI-TZ
Bang-It®+ Metal deck cast in place anchor	ICC ES ESR-3657	■	■										1/4" - 3/4"					■	■		■			1 2 3 4	Hilti HCI-MD KCS-MD
Wood-Knocker®II+ Cast-in-Place Anchor for Forms	ICC ES ESR-3657	■	■										1/4" - 3/4"					■	■		■			1 2 3 4	Hilti HCI-WF Hilti KCS-WF
DDI+™ (Deck Insert) Metal Deck Cast In Place Anchor	ICC ES ESR-3657	■	■										3/8" - 7/8"					■	■		■			1 2 3 4	No Similar Product

DEWALT ANCHOR CHART

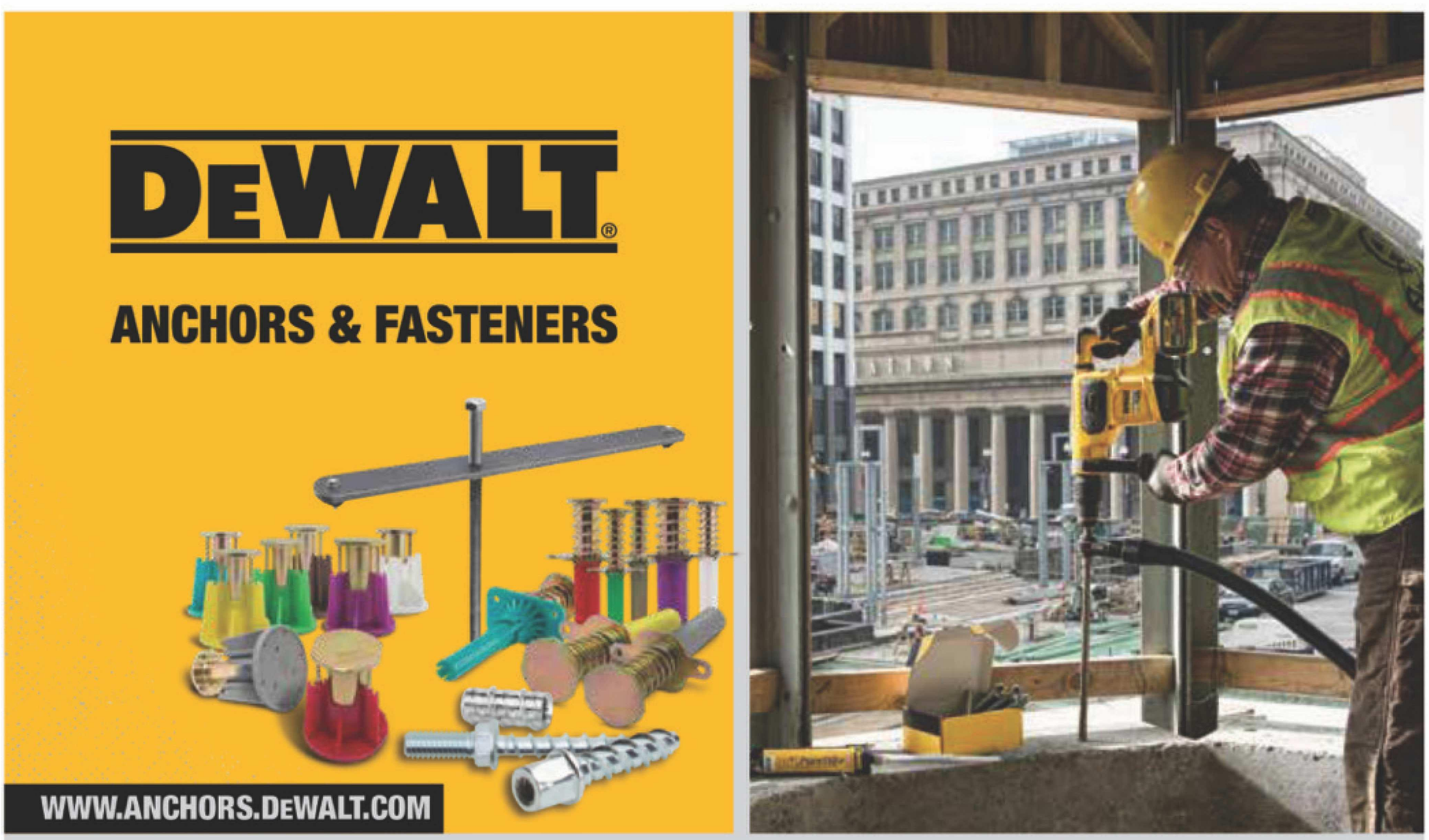
SELECTION GUIDE

LIGHT/MEDIUM DUTY ACHORS

	Concrete	Lightweight Concrete	Hollow Core Pre-Cast	Grout-filled Concrete Masonry	Hollow Masonry	Solid Brick	Hollow Brick	Unreinforced Masonry	Drywall	Plywood	Wood (Lumber)	Anchor Diameter	Threaded Rod and Hex Nut	Round / Acorn Nut Head	Hex Head	Flat Head	Under 500 lbs.	Over 500 lbs.	Over 5000 lbs.	Zinc Plated Carbon Steel	Galvanized Steel	Stainless Steel	Approvals/ Listings 1. ICC-ES 2. FM 3. UL 4. COLA 5. Miami-Dade 6. NSF 7. LEED 8. Cored Holes	Similar Anchoring Products
Polly™ Hollow Wall Anchor									■	■		Wall Thickness 1/8" - 1-1/8"		■			■							ITW Red Head Poly-Set® Anchor
Toggle Bolt Hollow Wall Anchor			□		■		□		■	□		1/8" x 2" - 1/2" x 4"		■		■	■			■				
Sharkie™ Wall Anchor	■	■		■	■	■	■	■	■	■	■	#4-#10 #6-#12 #8-#14 Screw					■							
Strap-Toggle™ Hollow Wall Anchor		□			■		□		■			3/16"-1/2"		■			■			■				Hilti HTB Toggle Bolt
Zip-Toggle® Hollow Wall Anchor									■			#6 x 2					■							
Wall-Dog™ Universal Light Duty Anchor	■	■		■	■	■	■	■	■	■		1/4" Diameter with #8 Head		■	■		■							Simpson Sure Wall
Bantam Plug Plastic Wall Anchor	■	■		■	■	■	■	■				#6-8 x 3/4" - #14-16 x 1-1/2"					■							Hilti HUD-1 Wall Plug
Zip-It® Zinc or Nylon Wallboard Anchor									■			#6 to #8 Screws					■							ITW Red Head EZ
Lok-Bolt AS® Sleeve Anchor	■	□	□	■	■	■	□					1/4" - 3/4"	■	■		■	■							Hilti HLC Sleeve
Hollow-Set Dropin™ Internally Threaded Expansion Anchor	■	□	■	■	■	■	□					1/4" - 5/8"					■						3	Simpson HDIA
Zamac Hammer-Screw® Nail Anchor	■	□		■								1/4" x 3/4" - 1/4" x 3"				■	■							Hilti HPS-1
Zamac Nailin® Nail Anchor	■	□		■		■						3/16" x 7/8" - 1/4" x 3"				■	■							Hilti HMH Nail In
Spike® Pin Anchor	■	■		■								3/16" - 1/2"		■			■	■		■		■		Simpson Crimp Drive®
Calk-In™ Mechanical Bolt Anchor	■			■								#8 Screw to 1/2"					■							
Double™ Shield Expansion Anchor	■	□		■	■	■						1/4" - 3/4"					■							
Single™ Shield Expansion Anchor	■											1/4" - 5/8"					■							

For technical support please contact a DEWALT Product & Code Expert at 800-524-3244 or visit our website at www.DEWALT.com

Verify scope of approval relative to intended application. The information and data contained within this document is current as of July 1 2021 and is subject to change after such date. DEWALT reserves the right to change the designs materials and specifications of the products in this document without notice and shall have no liability with respect to such changes. Please contact DEWALT for the most current and up to date information and data or refer to our website at www.DEWALT.com



Power-Stud+® SD1

Wedge Expansion Stud Anchors - Carbon Steel Body & Expansion Clip

The Power-Stud+ SD1 anchor is a fully threaded, torque-controlled, wedge expansion anchor which is designed for consistent performance in cracked and uncracked concrete. Suitable base materials include normal-weight concrete, structural sand-lightweight concrete and concrete over steel deck The anchor is manufactured with a zinc plated carbon steel body and expansion clip. Nut and washer are included.

General Applications And Uses:

- Structural connections, i.e., bean and column anchorage
- Safety related attachments
- Interior applications / low level corrosion environment
- Tension zone applications, i.e., cable trays and strut, pipe supports, fire sprinklers
- Seismic and wind loading

Model	Size	Thread Length	Box Qty.	Case Qty.
7400SD1	1/4" x 1-3/4"	3/4"	100	600
7402SD1	1/4" x 2-1/4"	1-1/4"	100	600
7404SD1	1/4" x 3-1/4"	2-1/4"	100	600
7410SD1	3/8" x 2-1/4"	7/8"	50	300
7412SD1	3/8" x 2-3/4"	1-3/8"	50	300
7413SD1	3/8" x 3"	1-5/8"	50	300
7414SD1	3/8" x 3-1/2"	2-1/8"	50	300
7415SD1	3/8" x 3-3/4"	2-3/8"	50	300
7416SD1	3/8" x 5"	3-5/8"	50	300
7420SD1	1/2" x 2-3/4"	1"	50	200
7422SD1	1/2" x 3-3/4"	2"	50	200
7423SD1	1/2" x 4-1/2"	2-3/4"	50	200
7424SD1	1/2" x 5-1/2"	3-3/4"	50	150
7426SD1	1/2" x 7"	5-1/4"	25	100
7427SD1	1/2" x 8-1/2"	6-3/4"	25	100
7428SD1	1/2" x 10"	8-1/4"	25	100
7430SD1	5/8" x 3-1/2"	1-1/2"	25	100
7432SD1	5/8" x 4-1/2"	2-1/2"	25	100
7433SD1	5/8" x 5"	3"	25	100
7434SD1	5/8" x 6"	4"	25	75
7436SD1	5/8" x 7"	5"	25	75
7438SD1	5/8" x 8-1/2"	6-1/2"	25	50
7439SD1	5/8" x 10"	8-1/2"	25	75
7440SD1	3/4" x 4-1/4"	2-3/8"	20	60
7441SD1	3/4" x 4-3/4"	2-7/8"	20	60
7442SD1	3/4" x 5-1/2"	3-5/8"	20	60
7444SD1	3/4" x 6-1/4"	3-3/8"	20	60
7446SD1	3/4" x 7"	3-3/8"	20	60
7448SD1	3/4" x 8-1/2"	3-3/8"	10	40
7449SD1	3/4" x 10"	3-3/8"	10	30
7451SD1	3/4" x 12"	3-3/8"	10	30
7450SD1	7/8" x 6"	2-3/4"	10	20
7454SD1	7/8" x 10"	6-3/4"	10	30
7461SD1	1" x 6"	4-1/2"	10	30
7463SD1	1" x 9"	4-1/2"	10	30
7465SD1	1" x 12"	4-1/2"	5	15
7473SD1	1-1/4" x 9"	4-3/4"	5	15
7475SD1	1-1/4" x 12"	7-3/4"	5	15

Shaded numbers denote sizes which are less than the minimum standard anchor length for Strength Design. The published size includes the diameter and overall length of the anchor.

Tie Wire Power-Stud+™ SD1

Carbon Steel Body & Expansion Clip

Model	Size	Thread Length	Box Qty.	Case Qty.
7409SD1	1/4"	N/A	100	500

Power-Stud+® SD4

Wedge Expansion Anchors - Type 304 Stainless Steel Body with Expansion Clip with Nut and Washer

The Power-Stud+ SD4 anchors are fully threaded, torque-controlled, stainless steel wedge expansion anchors which are designed for consistent performance in cracked and uncracked concrete. Suitable base materials are normal-weight and sand-lightweight concrete. The anchor is manufactured with a stainless steel body and expansion clip. Nut and washer are included.

Model	Size	Thread Length	Box Qty.	Case Qty.
7302SD4	1/4" x 2-1/4"	1-1/4"	100	600
7304SD4	1/4" x 3-1/4"	2-1/4"	100	600
7315SD4	3/8" x 3-3/4"	2-3/8"	50	300
7322SD4	1/2" x 3-3/4"	2"	50	300
7323SD4	1/2" x 4-1/2"	2-3/4"	50	200
7326SD4	1/2" x 7"	5-1/4"	25	100
7330SD4	5/8" x 3-1/2"	1-1/2"	25	100

Power-Stud®

Wedge Expansion Anchor - Type 304 Stainless Steel Body with Expansion Clip with Nut and Washer

The Power-Stud anchor, is a fully threaded, torque-controlled, wedge expansion anchor. Suitable for applications in solid concrete and grout-filled concrete masonry. Nut and washer are included.

Model	Size	Thread Length	Box Qty.	Case Qty.
7322	1/2" x 3-3/4"	2-3/8"	50	200

Lok-Bolt AS®

Sleeve Anchors

The Lok-Bolt AS is an all steel pre-assembled single unit sleeve anchor which is designed for use in concrete or masonry base materials. The anchors are available in multiple head styles for multiple applications and a finished appearance. Anchor extender sleeves can be added to create longer lengths.

Features And Benefits:

- Variety of head styles, lengths and sizes
- All steel component design
- Pre-assembled anchor for immediate installation
- Sleeve keeps anchor centered in hole and has 360° contact area for even stress distribution
- Versatile - can be used for solid and hollow concrete or masonry applications
- Design to allow fixture to draw snug against the base material during tightening

General Applications And Uses:

- Door and window frame installations
- Masonry applications
- Electrical/Mechanical applications
- Mounting fixtures on walls
- General purpose anchoring

Combo Flat Head Lok-Bolt AS®

Sleeve Anchors

Model	Size	Drill Dia.	Box Qty.	Case Qty.
5305S	1/4" x 1-1/2"	1/4"	100	1000
5310S	1/4" x 2-1/4"	1/4"	100	1000
5315S	1/4" x 3"	1/4"	100	1000
5320S	1/4" x 4"	1/4"	100	500
5325S	1/4" x 5-1/4"	1/4"	100	500
5330S	5/16" x 2-1/2"	5/16"	100	1000
5340S	3/8" x 2-3/4"	3/8"	50	500
5345S	3/8" x 4"	3/8"	50	250
5350S	3/8" x 5"	3/8"	50	250
5360S	3/8" x 6"	3/8"	50	250

Tie-Wire Lok-Bolt AS®

Sleeve Anchors

Model	Size	Drill Dia.	Box Qty.	Case Qty.
5700S	5/16" x 1-1/2"	5/16"	100	1000

Rod Hanger Lok-Bolt AS®

Sleeve Anchors

Model	Size	Drill Dia.	Box Qty.	Case Qty.
5810S	1/4" x 1-1/2"	1/4"	50	250
5815S	3/8" x 1-7/8"	3/8"	50	250
5825S	1/2" x 2-1/4"	1/2"	25	125

Sleeve-All® Anchor

Sleeve Anchor with Rod Coupler

- Zinc-Plated Carbon Steel

Model	Size	Drill Dia.	Box Qty.	Case Qty.
SL62214C	5/8" x 2-1/4"	5/8"	20	80

Hex Nut Lok-Bolt AS®

Sleeve Anchors

Model	Size	Drill Dia.	Box Qty.	Case Qty.
5005S	5/16" x 1-1/2"	5/16"	100	1000
5010S	5/16" x 2-3/8"	5/16"	100	500
5015S	3/8" x 1-7/8"	3/8"	50	500
5020S	3/8" x 3"	3/8"	50	500
5022S	3/8" x 4"	3/8"	50	250
5025S	1/2" x 2-1/2"	1/2"	25	250
5030S	1/2" x 3"	1/2"	25	250
5034S	1/2" x 3-3/4"	1/2"	25	125
5033S	1/2" x 5-1/4"	1/2"	25	125
5032S	1/2" x 6"	1/2"	10	100
5035S	5/8" x 2-1/2"	5/8"	25	125
5038S	5/8" x 3"	5/8"	25	125
5040S	5/8" x 4-1/4"	5/8"	10	100
5045S	5/8" x 5-3/4"	5/8"	10	100
5050S	3/4" x 2-3/4"	3/4"	10	100
5055S	3/4" x 4-1/4"	3/4"	10	40
5060S	3/4" x 6-1/4"	3/4"	10	30
5065S	3/4" x 8-1/4"	3/4"	10	30

Acorn Nut Lok-Bolt AS®

Sleeve Anchors

Model	Size	Drill Dia.	Box Qty.	Case Qty.
5125S	1/4" x 5/8"	1/4"	100	1000
5150S	1/4" x 1-3/8"	1/4"	100	1000
5175S	1/4" x 2-1/4"	1/4"	100	1000

Round Head Lok-Bolt AS®, Slotted

Sleeve Anchors

Model	Size	Drill Dia.	Box Qty.	Case Qty.
5205S	1/4" x 1-3/8"	1/4"	100	1000
5210S	1/4" x 2-1/4"	1/4"	100	1000
5215S	1/4" x 3"	1/4"	100	1000
5235S	3/8" x 2-3/4"	3/8"	50	500
5240S	3/8" x 3-3/4"	3/8"	50	250

Calk-In

Machine Bolt Anchor

The Calk-In is a pre-assembled precision cast calking type machine bolt anchor which can be used in concrete, block, brick or stone. The anchor consists of an antimonial lead alloy calking sleeve and a Zamac alloy internally-threaded expander cone.

General Applications And Uses:

- Windows
- Screens
- Sliding doors
- Shutters

Features And Benefits:

- Readily accepts machine bolts
- Internally threaded anchor for easy removability and service work
- Shallow embedment

Model	Size	Drill Dia.	Min. Hole Depth	Box Qty.
9220	1/4"-20	1/2"	7/8"	100
9225	5/16"-18	5/8"	1"	50
9230	3/8"-16	3/4"	1-1/4"	50
9240	1/2"-13	7/8"	1-1/2"	50
9250	3/4"-10	1-1/4"	2-1/4"	50

Calk-In Setting Tool

Model	Size
9221	1/4"
9226	5/16"
9231	3/8"
9241	1/2"

The Double

Shield Expansion Anchor

The Double is a dual expansion machine bolt anchor particularly suited for materials of questionable strength. It can be used in solid concrete and some block, brick and stone base materials. Jobsite tests are recommended when used in base materials of questionable strength.

Features And Benefits:

- Performs in base material of questionable strength
- Internally threaded anchor for easy removability and service work
- Corrosion resistant body

Model	Size	Drill Dia.	Overall Length	Min. Hole Depth	Box Qty.
9510	1/4"	1/2"	1-3/8"	1-1/4"	50
9515	5/16"	5/8"	1-5/8"	1-1/2"	50
9520	3/8"	3/4"	2"	1-3/4"	50
9525	1/2"	7/8"	2-1/2"	2-1/4"	25
9530	5/8"	1"	2-3/4"	2-1/2"	25
9535	3/4"	1-1/4"	3-15/16"	3-1/2"	10

YOU'LL LOVE THESE EASY SET ANCHORS

Smart DI+™ Steel Drop-In Anchor

Internally Threaded Expansion Anchor

When properly set, anchor indicator will leave blue paint in recessed cavities. Note: blue does not have to be removed from all four top surfaces to be fully set.

The Smart DI+ Anchor (Drop-In) is an all-steel dropin style anchor. **The patented Smart DI+ Anchor design reduces the amount of force required to set the anchor by up to 50%.**

- Installs with reduced effort compared to traditional drop in style anchors
- Internally threaded anchor for easy bolt removability and service work

Model	Size	Drill Dia.	Overall Length	Thread Depth	Box Qty.
6304SD	1/4"	3/8"	1"	7/16"	100
6306SD	3/8"	1/2"	1-9/16"	5/8"	50
6308SD	1/2"	5/8"	2"	13/16"	50
6312SD	3/4"	1"	3-3/16"	1-3/16"	10

Steel Dropin™

Internally Threaded Expansion Anchor

Model	Size	Drill Dia.	Min. Depth	Thread Depth	Box Qty.
TYPE 303 STAINLESS STEEL DROPINS					
6204	1/4"	3/8"	1"	7/16"	100
6206	3/8"	1/2"	1-9/16"	5/8"	50
6208	1/2"	5/8"	2"	13/16"	50
Carbon Steel Coil Thread Dropins					
6330	1/2"	5/8"	2"	13/16"	50
6332	3/4"	1"	3-3/16"	1-3/8"	10

Dropin Setting Tool

For Smart DI+ and Steel Dropin

Model	Size	Pin Length
6305	1/4"	39/64"
6307	3/8"	61/64"
6309	1/2"	1-3/16"
6311	5/8"	1-5/16"
6313	3/4"	1-61/64"

DI+ Tool For Smart DI+ Anchors

DI+ Drill For Smart DI+ Anchors

DCH273B 20V MAX 1" Brushless SDS-Plus Rotary Hammer

DI+ Setting Tools

For Smart DI+ Drop-In Anchors

Model	Size	Pin Length
425SD	1/4"	39/64"
427SD	3/8"	61/64"
429SD	1/2"	1-3/16"

SDS-Plus Smart Bits

For Smart DI+ Drop-In Anchors

Model	Description	Bit Diameter
391SD	Smart Bit for 1/4"	3/8"
397SD	Smart Bit for 3/8"	1/2"
410SD	Smart Bit for 1/2"	5/8"

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Hollow-Set™ Dropin™ with Carbon Steel Cone

Internally Threaded Expansion Anchor

The Hollow-Set Dropin anchor is designed for anchoring in hollow base materials such as hollow concrete block and precast hollow core plank. It can also be used in solid base materials.

Features And Benefits:

- Internally threaded anchor for easy bolt removal and service work
- Unique expansion design allows for anchoring in thin-walled base materials such as hollow concrete block and precast hollow core plank
- Versatile setting options allows for hollow or solid base materials
- Tested in accordance with ASTM E488 and AC01 criteria

General Applications And Uses:

- Anchoring to concrete block
- Suspending conduit
- Cable trays and strut
- Pipe supports
- Fastening to precast hollow core plank
- Fire sprinkler
- Suspended lighting
- Removable anchorage

Model	Size	Drill Dia.	Overall Length	Box Qty.
9320	1/4"	3/8"	7/8"	100
9330	5/16"	5/8"	1-5/16"	50
9340	3/8"	5/8"	1-5/16"	50
9350	1/2"	3/4"	1-3/4"	50
9360	5/8"	1"	2"	25

Setting Tool for Solid Base Materials

Model	Size
9322	1/4"
9342	5/16" and 3/8"
9352	1/2"
9362	5/8"

Setting Tool for Hollow Base Materials

- Hollow set tool for hollow block and clay brick masonry base materials

Model	Size
9323	1/4"
9333	5/16"
9343	3/8"
9353	1/2"
9363	5/8"

Mini Dropin™

Internally Threaded Expansion Anchor

The Mini Dropin is a carbon steel machine bolt anchor for use in shallow embedment applications.

Features And Benefits:

- Internally threaded anchor for easy bolt removability and service work
- Ideal for precast hollow core plank and post-tensioned concrete slabs
- Lip provides flush installation and consistent embedment

General Applications And Uses:

- Suspending conduit
- Cable trays and strut
- Pipe supports
- Fire sprinklers
- Utilities
- Suspended lighting

Model	Size	Drill Dia.	Overall Length	Box Qty.
6335	1/4"	3/8"	5/8"	100
6322	3/8"	1/2"	3/4"	100
6337	1/2"	5/8"	1"	50

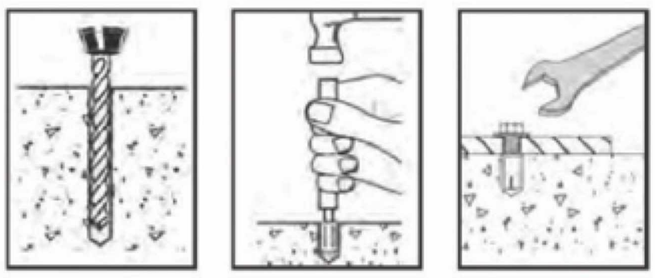
Mini Dropin Setting Tool

Model	Mini Dropin Size
6336	1/4"
6323	3/8"
6338	1/2"

SDS-Plus Stop Bits

Stop bits ensure proper drilling depth for drop-in anchors. This is especially important when drilling into post tension slabs. The 1.25" shoulder keeps user from over drilling. Fits all SDS+ Hammers.

Model	Diameter	Usable Length
DWA5491	3/8"	5/8"
DWA5492	1/2"	3/4"



1. Drill a hole into the base material to the depth of embedment required. The tolerances of the drill bit used must meet the requirements of ANSI Standard B212.15. In post-tensioned concrete slabs, take care to avoid drilling into the post-tensioned cables.

2. Blow the hole clean of dust and other materials. Insert the anchor into the hole and tap flush with surface. Using a POWERS setting tool specifically, set the anchor by driving the tool with a sufficient number of blows until the shoulder of the tool is seated against the anchor. Anchor will not hold allowable loads required if shoulder of POWERS setting tool does not seat against anchor.

3. If using a fixture, position it, insert bolt and tighten. Most overhead applications utilize threaded rod. Minimum thread engagement should be at least one anchor diameter.

Lag Shield Short

Lag Shield Long

Lag Shield

Shell Expansion Anchor

The Lag Shield is a screw style anchor designed for use with lag bolts. It is suitable for use in concrete and the mortar joints of block or brick walls. In harder masonry materials, short style Lag Shields are used to reduce drilling time. The long style version is used in soft or weak masonry to better develop strength. The Lag Shield is not recommended for overhead applications.

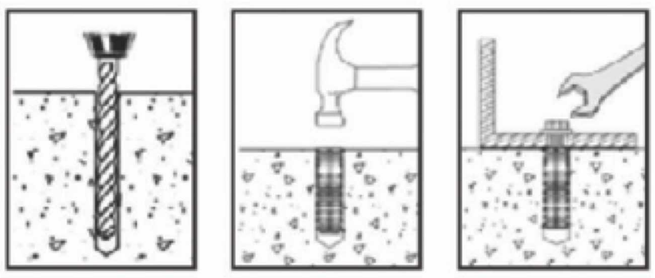
Features And Benefits:

- Ideal for use in masonry materials
- Internally threaded anchor for easy removability and service work

General Applications And Uses:

- Hard and soft base materials
- Mortar joints
- Shallow attachments
- Masonry anchorage

Model	Size	Drill Dia.	Length	Box Qty.
1051	1/4" Short	1/2"	1"	50
1055	1/4" Long	1/2"	1-1/2"	50
1101	5/16" Short	1/2"	1-1/4"	50
1105	5/16" Long	1/2"	1-3/4"	50
1151	3/8" Short	5/8"	1-3/4"	50
1155	3/8" Long	5/8"	2-1/2"	50
1201	1/2" Short	3/4"	2"	50
1205	1/2" Long	3/4"	3"	50
1251	5/8" Short	7/8"	2"	25
1255	5/8" Long	7/8"	3-1/2"	25
1305	3/4" Long	1"	3-1/2"	25



1. Drill a hole into the base material to the depth of at least 1/2" or one anchor deeper than the embedment required. The tolerances of the drill bit used must meet the requirements of ANSI Standard B212.15.

2. Blow the hole clean of dust and other material. Insert the anchor into the hole until it is flush with the surface. If installing in a mortar joint, position the anchor to expand against the block or brick.

3. Position fixture, insert the lag bolt, and tighten. The lag bolt length selected should fully engage the entire anchor body.

Nylon Nailin™

Nail Anchor

The Nylon Nailin is a nail drive anchor with a body formed from engineered plastic and drive nails. The anchor can be used in concrete, block, brick or stone. The anchor is pre-assembled. This anchor is not recommended for overhead applications.

Features And Benefits:

- General purpose anchoring
- Installs in a variety of base materials

General Applications And Uses:

- Brick ties and masonry anchorage
- Electrical fixtures
- Copper flashing
- Furring strips
- Maintenance
- Aluminum frames

Round Head Nylon Nailin™ with Carbon Steel Nail

Nail Anchor

Model	Size	Drill Dia.	Box Qty.
2431	3/16" x 1"	3/16"	100
2451	3/16" x 1-1/2"	3/16"	100
2521	1/4" x 1"	1/4"	100
2451	1/4" x 1-1/2"	1/4"	100

Flat Head Nylon Nailin™ with Carbon Steel Nail

Nail Anchor

Model	Size	Drill Dia.	Box Qty.
2452	1/4" x 1-1/2"	1/4"	100
2562	1/4" x 2"	1/4"	100

Mushroom Head Nylon Nailin™

Nail Anchor

Model	Size	Drill Dia.	Box Qty.
Carbon Steel Nail			
2433	3/16" x 1"	3/16"	100
2513	1/4" x 3/4"	1/4"	100
2523	1/4" x 1"	1/4"	100
2543	1/4" x 1-1/2"	1/4"	100
2563	1/4" x 2"	1/4"	100
2573	1/4" x 3"	1/4"	100
2583	1/4" x 4"	1/4"	100
Stainless Steel Nail			
2528	1/4" x 1"	1/4"	100
2548	1/4" x 1-1/2"	1/4"	100

Zamac Nailin™

Nail Anchor

The Zamac Nailin is a nail drive anchor which has a body formed from Zamac alloy. The anchor can be used in concrete, block, brick or stone. A corrosion resistant Zamac alloy is used to form the anchor body with either a mushroom or flat head. The anchor can be used for light duty, tamperproof applications.

Features And Benefits:

- General purpose anchoring
- Installs in a variety of base materials

Mushroom Head Zamac Nailin™

Nail Anchor

Model	Size	Drill Dia.	Box Qty.
2802	3/16" x 7/8"	3/16"	100
2806	1/4" x 3/4"	1/4"	100
2808	1/4" x 1"	1/4"	100
2814	1/4" x 1-1/4"	1/4"	100
2820	1/4" x 1-1/2"	1/4"	100
2826	1/4" x 2"	1/4"	100
2804	1/4" x 3"	1/4"	100

Mushroom Head Zamac Nailin™ with Stainless Steel Nail

Nail Anchor

Model	Size	Drill Dia.	Box Qty.	Price/Box
2858	1/4" x 1"	1/4"	100	***$29.02***
2864	1/4" x 1-1/4"	1/4"	100	***$28.13***
2870	1/4" x 1-1/2"	1/4"	100	***$37.31***
2876	1/4" x 2"	1/4"	100	***$41.22***

Flat Head Zamac Nailin™ with Carbon Steel Nail

Nail Anchor

Model	Size	Drill Dia.	Box Qty.
2836	1/4" x 1-1/2"	1/4"	100
2838	1/4" x 2"	1/4"	100

Mushroom Head Carbon Steel Spike®

Pin Anchor - Tamperproof

Model	Size	Drill Dia.	Min. Embed.	Box Qty.
5503	3/16" x 1-1/4"	3/16"	7/8"	100
5504	3/16" x 1-1/2"	3/16"	1-1/4"	100
5506	3/16" x 2"	3/16"	1-1/4"	100
5508	3/16" x 2-1/2"	3/16"	1-1/4"	100
5510	3/16" x 3"	3/16"	1-1/4"	100
5512	3/16" x 4"	3/16"	1-1/4"	100
5522	1/4" x 1"	1/4"	1"	100
5523	1/4" x 1-1/4"	1/4"	1"	100
5524	1/4" x 1-1/2"	1/4"	1-1/4"	100
5526	1/4" x 2"	1/4"	1-1/4"	100
5528	1/4" x 2-1/2"	1/4"	1-1/4"	100
5530	1/4" x 3"	1/4"	1-1/4"	100
5546	3/8" x 2"	3/8"	1-3/4"	25
5550	3/8" x 3"	3/8"	1-3/4"	25

Tie-Wire Spike®

Pin Anchor - 100/Box

Model	Size	Drill Dia.	Min. Embed.	Tie Wire Hole Size	Box Qty.
3756	3/16"	3/16"	1-1/8"	3/16"	100
3759	1/4"	1/4"	1-1/8"	9/32"	100

Forming Spike®

Pin Anchor - 100/Box

Model	Size	Drill Dia.	Min. Embed.	Box Qty.
3795	3/16"x 1-1/2"	3/16"	1-1/4"	100
3796	3/16" x 2"	3/16"	1-1/4"	100
3797	3/16" x 2-3/4"	3/16"	1-1/4"	100
3794	1/4" x 2-3/4"	1/4"	1-1/4"	100

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Simpson Strong-Tie® Anchoring, Fastening, Restoration and Strengthening Systems for Concrete and Masonry

Titen HD® Heavy-Duty Screw Anchor

SIMPSON Strong-Tie®

A high-strength screw anchor for use in cracked and uncracked concrete, as well as uncracked masonry. The Titen HD offers low installation torque and outstanding performance. Designed for use in dry, interior, non-corrosive environments or temporary outdoor applications.

Features

- Tested in accordance with ACI 355.2, AC193 and AC106
- Qualified for static and seismic loading conditions
- Thread design undercuts to efficiently transfer the load to the base material
- Standard fractional sizes
- Specialized heat-treating process creates tip hardness for better cutting without compromising the ductility
- No special drill bit required — designed to install using standard-sized ANSI tolerance drill bits
- Hex-washer head requires no separate washer, unless required by code, and provides a clean installed appearance
- Removable — ideal for temporary anchoring (e.g. formwork, bracing) or applications where fixtures may need to be moved
- Reuse of the anchor will not achieve listed loads and is not recommended

Codes: ICC-ES ESR-2713 (concrete);
ICC-ES ESR-1056 (masonry);
City of LA Supplement within ESR-2713 (concrete);
City of LA Supplement within ESR-1056 (masonry);
Florida FL15730 (concrete and masonry);
FM 3017082, 3035761 and 3043442;
Multiple DOT listings

Material: Carbon steel

Coating: Zinc plated or mechanically galvanized.
Not recommended for permanent exterior use or highly corrosive environments.

Titen HD Screw Anchor

Cracked Concrete CODE LISTED

Serrated teeth on the tip of the Titen HD® screw anchor facilitate cutting and reduce installation torque.

Installation

Holes in steel fixtures to be mounted should match the diameter specified in the table below.

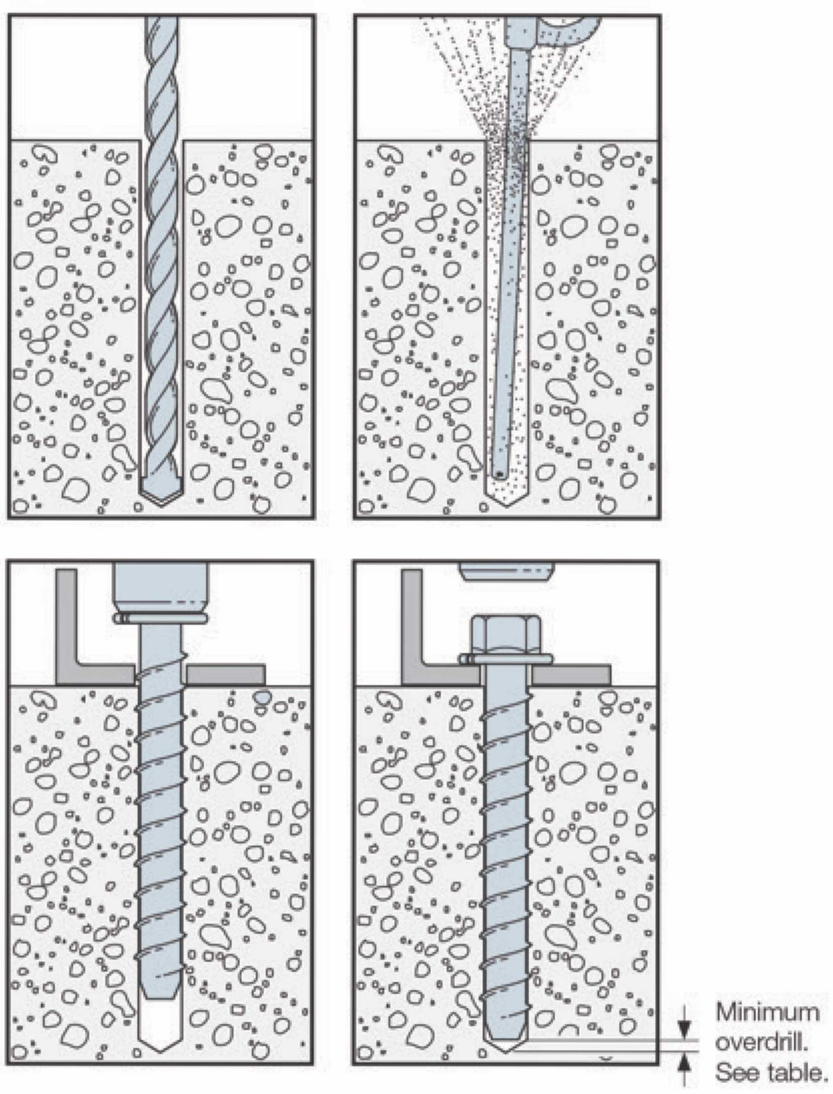
Use a Titen HD screw anchor one time only — installing the anchor multiple times may result in excessive thread wear and reduce load capacity.

Do not use impact wrenches to install into hollow CMU.

Caution: Oversized holes in base material will reduce or eliminate the mechanical interlock of the threads with the base material and reduce the anchor's load capacity.

1. Drill a hole in the base material using a carbide drill bit the same diameter as the nominal diameter of the anchor to be installed. Drill the hole to the specified embedment depth plus minimum hole depth overdrill (see table below) to allow the thread tapping dust to settle, and blow it clean using compressed air. (Overhead installations need not be blown clean.) Alternatively, drill the hole deep enough to accommodate embedment depth and the dust from drilling and tapping.
2. Insert the anchor through the fixture and into the hole.
3. Tighten the anchor into the base material until the hex-washer head contacts the fixture.

Installation Sequence



Additional Installation Information

Titen HD® Diameter (in.)	Wrench Size (in.)	Recommended Steel Fixture Hole Size (in.)	Minimum Hole Depth Overdrill (in.)
1/4	3/8	3/8 to 7/16	1/8
3/8	9/16	1/2 to 9/16	1/4
1/2	3/4	5/8 to 11/16	1/2
5/8	15/16	3/4 to 13/16	1/2
3/4	1 1/8	7/8 to 15/16	1/2

Suggested fixture hole sizes are for structural steel thicker than 12 gauge only. Larger holes are not required for wood or thinner cold-formed steel members.

Simpson Strong-Tie® Anchoring, Fastening, Restoration and Strengthening Systems for Concrete and Masonry

SIMPSON Strong-Tie®

Titen HD® Heavy-Duty Screw Anchor

Titen HD Anchor Product Data — Zinc Plated

Size (in.)	Model No.	Thread Length (in.)	Drill Bit Diameter (in.)	Wrench Size (in.)	Quantity	
					Box	Carton
¼ x 1⅞	THDB25178H	1½	¼	⅜	100	500
¼ x 2¾	THDB25234H	2⅜	¼	⅜	50	250
¼ x 3	THDB25300H	2⅝	¼	⅜	50	250
¼ x 3½	THDB25312H	3⅛	¼	⅜	50	250
¼ x 4	THDB25400H	3⅝	¼	⅜	50	250
⅜ x 1¾	THD37134H†	1¼	⅜	9⁄16	50	250
⅜ x 2½	THD37212H†	2	⅜	9⁄16	50	200
⅜ x 3	THD37300H	2½	⅜	9⁄16	50	200
⅜ x 4	THD37400H	3½	⅜	9⁄16	50	200
⅜ x 5	THD37500H	4½	⅜	9⁄16	50	100
⅜ x 6	THD37600H	5½	⅜	9⁄16	50	100
½ x 3	THD50300H	2½	½	¾	25	100
½ x 4	THD50400H	3½	½	¾	20	80
½ x 5	THD50500H	4½	½	¾	20	80
½ x 6	THD50600H	5½	½	¾	20	80
½ x 6½	THD50612H	5½	½	¾	20	40
½ x 8	THD50800H	5½	½	¾	20	40
½ x 12	THD501200H	5½	½	¾	5	25
½ x 13	THD501300H	5½	½	¾	5	25
½ x 14	THD501400H	5½	½	¾	5	25
½ x 15	THD501500H	5½	½	¾	5	25
⅝ x 4	THDB62400H	3½	⅝	15⁄16	10	40
⅝ x 5	THDB62500H	4½	⅝	15⁄16	10	40
⅝ x 6	THDB62600H	5½	⅝	15⁄16	10	40
⅝ x 6½	THDB62612H	5½	⅝	15⁄16	10	40
⅝ x 8	THDB62800H	5½	⅝	15⁄16	10	20
⅝ x 10	THDB62100H	5½	⅝	15⁄16	10	20
¾ x 4	THD75400H	3½	¾	1⅛	10	40
¾ x 5	THD75500H	4½	¾	1⅛	5	20
¾ x 6	THDT75600H	4½	¾	1⅛	5	20
¾ x 7	THD75700H	5½	¾	1⅛	5	10
¾ x 8½	THD75812H	5½	¾	1⅛	5	10
¾ x 10	THD75100H	5½	¾	1⅛	5	10

† These models do not meet minimum embedment depth requirements for strength design and require maximum installation torque of 25 ft. – lb. using a torque wrench, driver drill or cordless ¼" impact driver with a maximum permitted torque rating of 100 ft. – lb.

1. Length of anchor is measured from underside of head to end of anchor.

DEWALT
ENGINEERED BY Powers

Screw-Bolt®+

High Performance Screw Anchors

The Screw-Bolt+ anchor is a one piece, heavy duty screw anchor with a finished hex head. It is simple to install, easy to identify and fully removable. The patented thread design, designed for use with standard ANSI drill bits, reduces installation torque and enhances productivity. The steel threads along the anchor body tap into the hole during installation to provide keyed engagement and allow for reduced edge and spacing distances. Suitable base materials include normal-weight concrete, sand-lightweight concrete, concrete over steel deck, concrete masonry and solid clay brick.

General Applications And Uses:

- Racking, shelving and material handling
- Support ledgers and temporary attachments
- Interior applications / low level corrosion environment
- Retrofits, repairs and maintenance
- Fencing and railing
- Seismic and wind loading

Features And Benefits:

- Designed for standard ANSI tolerance drill bits
- Patented thread design offers low installation torque
- Tough threads for tapping high strength concrete
- Ratchet teeth on underside of hex washer head lock against the fixture
- Can be installed closer to the edge than traditional expansion anchors
- Fully removeable and reinstallable in same hole
- Fast installation with powered impact wrench
- Diameter, length and identifying marking stamped on head of each anchor
- One-piece, finished head design

Approvals & Listings:

- International Code Council, Evaluation Service (ICC-ES), ESR-3889 for concrete. Code compliant with 2015 IBC, 2015 IRC, 2012 IBC, 2012 IRC, 2009 IBC, and 2009 IRC
- Tested in accordance with ACI 355.2 and ICC-ES AC193 for use in structural applications in concrete under the design provisions of ACI 318 (Strength Design Method)
- Evaluated and qualified by an accredited independent testing laboratory for recognition in cracked and uncracked concrete including seismic and wind loading (Category 1 anchors)
- Evaluated and qualified by an accredited independent testing laboratory for reliability against brittle failure, e.g. hydrogen embrittlement

Model	Size	Socket Size	Finsh	Box Qty.	Case Qty.
PFM1411000	1/4" x 1-1/4"	7/16"	Zinc Plated	100	600
PFM1411020	1/4" x 1-3/4"	7/16"	Zinc Plated	100	600
PFM1411060	1/4" x 2-1/4"	7/16"	Zinc Plated	100	600
PFM1411080	1/4" x 2-5/8"	7/16"	Zinc Plated	100	500
PFM1411160	3/8" x 1-3/4"	9/16"	Zinc Plated	50	300
PFM1411220	3/8" x 2-1/2"	9/16"	Zinc Plated	50	300
PFM1411240	3/8" x 3"	9/16"	Zinc Plated	50	250
PFM1461240	3/8" x 3"	9/16"	Galvanized	50	250
PFM1411280	3/8" x 4"	9/16"	Zinc Plated	50	250
PFM1461280	3/8" x 4"	9/16"	Galvanized	50	250
PFM1411300	3/8" x 5"	9/16"	Zinc Plated	50	250
PFM1461300	3/8" x 5"	9/16"	Galvanized	50	250
PFM1411320	3/8" x 6"	9/16"	Zinc Plated	50	250
PFM1411340	1/2" x 2"	3/4"	Zinc Plated	50	200
PFM1411360	1/2" x 2-1/2"	3/4"	Zinc Plated	50	200
PFM1411380	1/2" x 3"	3/4"	Zinc Plated	50	150
PFM1411420	1/2" x 4"	3/4"	Zinc Plated	50	150
PFM1411460	1/2" x 5"	3/4"	Zinc Plated	25	100
PFM1461460	1/2" x 5"	3/4"	Galvanized	25	100
PFM1411480	1/2" x 6"	3/4"	Zinc Plated	25	75
PFM1411520	1/2" x 8"	3/4"	Zinc Plated	25	75
PFM1461520	1/2" x 8"	3/4"	Galvanized	25	75
PFM1411540	5/8" x 3"	15/16"	Zinc Plated	25	100
PFM1411580	5/8" x 4"	15/16"	Zinc Plated	25	100
PFM1411600	5/8" x 5"	15/16"	Zinc Plated	25	75
PFM1411640	5/8" x 6"	15/16"	Zinc Plated	25	75
PFM1411680	5/8" x 8"	15/16"	Zinc Plated	25	50
PFM1461680	5/8" x 8"	15/16"	Galvanized	25	50
PFM1411700	3/4" x 3"	1-1/8"	Zinc Plated	20	60
PFM1411720	3/4" x 4"	1-1/8"	Zinc Plated	20	60
PFM1411760	3/4" x 5"	1-1/8"	Zinc Plated	20	60
PFM1411800	3/4" x 6"	1-1/8"	Zinc Plated	20	60
PFM1411840	3/4" x 8"	1-1/8"	Zinc Plated	10	40
PFM1461850	3/4" x 8"	1-1/8"	Galvanized	10	40
PFM1411880	3/4" x 10"	1-1/8"	Zinc Plated	10	20

Hangermate® for Steel

Rod Hanging Anchor

Full FM & UL listings in product brochure or at www.DEWALT.com

Rod hanging anchors in a wide range of styles

Steel

Carbon steel

HANGERMATE FOR STEEL - INTERNALLY THREADED - VERTICAL

CAT #	ROD DIAMETER	DESCRIPTION	PACK	CTN
PFM2231000	1/4"	1/4"-20 x 1" #3	25	125
PFM2231100	3/8"	1/4"-20 x 1" #3	25	125
PFM223110N	3/8"	1/4"-20 x 1" #3 w/ Nut	25	125
PFM2231150	3/8"	1/4"-20 x 1-1/2" #5	25	125
PFM223115N	3/8"	1/4"-20 x 1-1/2" #5 w/ Nut	25	125
PFM2231200	3/8"	1/4"-20 x 1-1/2" #3	25	125
PFM223120N	3/8"	1/4"-20 x 1-1/2" #3 w/ Nut	25	125
PFM2231250	3/8"	1/4"-20 x 2" #3	25	125

HANGERMATE FOR STEEL - INTERNALLY THREADED - HORIZONTAL

CAT #	ROD DIAMETER	DESCRIPTION	PACK	CTN
PFM2241100	3/8"	1/4"-20 x 1" #3	25	125
PFM224110N	3/8"	1/4"-20 x 1" 3 w/ Nut	25	125
PFM2241150	3/8"	1/4"-20 x 1-1/2" #3	25	125
PFM224115N	3/8"	1/4"-20 x 1-1/2" #3 w/ Nut	25	125
PFM2241200	3/8"	1/4"-20 x 1-1/2" #5	25	125
PFM224120N	3/8"	1/4"-20 x 1-1/2" #5 w/ Nut	25	125

HANGERMATE FOR STEEL - INTERNALLY THREADED - PIVOT

CAT #	ROD DIAMETER	DESCRIPTION	PACK	CTN
PFM2281150	3/8"	1/4"-20 x 1" #3	25	125
PFM2281200	3/8"	1/2"-20 x 1-3/4" #5	25	125
PFM2281250	3/8"	1/4"-14 x 1" #3	25	125

HANGERMATE FOR STEEL - CEILING SCREW EYELET

CAT #	HOLE DIAMETER	DESCRIPTION	PACK	CTN
PFM2231500	3/8"	1/4" x 2"	25	125
PFM2231550	3/8"	1/4" x 3-1/4"	25	125

INSTALLATION DRIVERS AND ACCESSORIES:
HANGERMATE FOR STEEL- INTERNALLY THREADED - VERTICAL

CAT #	SOCKET SIZE	DRIVE	PACK	CTN
PFM2201200	1/2"	1/4" Hex	5	25

INSTALLATION DRIVERS AND ACCESSORIES:
HANGERMATE FOR STEEL- INTERNALLY THREADED - HORIZONTAL

CAT #	SOCKET SIZE	DRIVE	PACK	CTN
PFM2201200	1/2"	1/4" Hex	5	25

INSTALLATION DRIVERS AND ACCESSORIES:
HANGERMATE FOR STEEL- INTERNALLY THREADED - PIVOT

CAT #	DRIVE	PACK	CTN
PFM2201250	1/4" Hex	5	25

INSTALLATION DRIVERS AND ACCESSORIES:
HANGERMATE FOR STEEL - CEILING SCREW EYELET

CAT #	DRIVE	PACK	CTN
PFM2201350	1/4" Hex	5	25

OTHER ACCESSORIES:
HANGERMATE FOR STEEL

CAT #	DESCRIPTION	PACK	CTN
PFM2201050	3/8" to 1/2" Adaptor[1]	25	125
PFM2201100	Hangermate Pole Tool Kit[2]	25	125

1. The 3/8" to 1/2" adaptor has a 3/8-16 external thread and a 1/2-13 internal thread.
2. The Hangermate pole tool kit is designed for use with standard 1/2" steel conduit tubing (conduit not included) and can be customized to various lengths and ceiling heights. Compatible with standard steel and wood Hangermate.

Suspender® for Steel

Rod Hanging Anchor

Full FM & UL listings in product brochure or at www.DEWALT.com

Rod hanging anchors in a wide range of styles

Steel

Carbon steel

SUSPENDER FOR STEEL - DUAL-DIRECTIONAL

CAT #	ROD DIAMETER	DESCRIPTION	PACK	CTN
PFM227110N	3/8"	1/4"-20 x 1" #3 w/ Nut	25	125
PFM227120N	3/8"	1/4"-29 x 1-1/2" #3 w/ Nut	25	125
PFM227130N	3/8"	1/4"-20 x 1-1/2" #5 w/ Nut	25	125

INSTALLATION DRIVERS AND ACCESSORIES:
SUSPENDER FOR STEEL - CEILING SCREW EYELET

CAT #	DRIVE	PACK	CTN
DW22862	1/4" Hex	5	25

OTHER ACCESSORIES:
SUSPENDER FOR STEEL

CAT #	DESCRIPTION	PACK	CTN
PFM2201050	3/8" to 1/2" Adaptor[1]	25	125
PFM2201100	Hangermate Pole Tool Kit[2]	25	125

1. The 3/8" to 1/2" adaptor has a 3/8-16 external thread and a 1/2-13 internal thread.
2. The Hangermate pole tool kit is designed for use with standard 1/2" steel conduit tubing (conduit not included) and can be customized to various lengths and ceiling heights. Compatible with standard steel and wood Hangermate.

Hangermate®+ for Concrete

Rod Hanging Anchor

ICC-ES ESR-3889 (Concrete); IBC & IRC 2021 2018 2015 2012

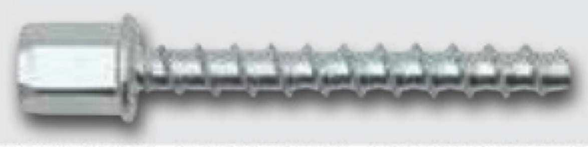
Recognition in cracked & uncracked concrete including seismic and wind loading (Category 1 Anchors)

Full FM listings in product brochure or at www.DEWALT.com

Rod hanging anchors

Concrete

Carbon steel



HANGERMATE+ FOR CONCRETE - INTERNALLY THREADED - VERTICAL

CAT #	ROD DIAMETER	DESCRIPTION	PACK	CTN
PFM2211100	1/4"	1/4" x 1-5/8"	25	125
PFM2211200	3/8"	1/4" x 1-5/8"	25	125
PFM2211250	3/8"	1/4" x 2-1/2"	25	125
PFM2211260	3/8"	3/8" x 1-5/8"	25	125
PFM2211270	3/8"	3/8" x 2"	25	125
PFM2211280	1/2"	3/8" x 2"	25	125

HANGERMATE+ FOR CONCRETE - EXTERNALLY THREADED - VERTICAL

CAT #	ROD DIAMETER	DESCRIPTION	PACK	CTN
PFM1421000	3/8"	1/4" x 1-5/8"	25	125
PFM1421050	3/8"	1/4" x 2-1/2"	25	125

INSTALLATION DRIVERS AND ACCESSORIES:
HANGERMATE+ FOR CONCRETE - INTERNALLY THREADED - VERTICAL

CAT #	SOCKET SIZE	DRIVE	ANCHOR	PACK	CTN
PFM1491050	3/8"	1/4" Hex	1/4" HangerMate®+	5	25
PFM1491100	1/2"	1/4" Hex	3/8" HangerMate®+	5	25

INSTALLATION DRIVERS AND ACCESSORIES:
HANGERMATE+ FOR CONCRETE - EXTERNALLY THREADED - VERTICAL

CAT #	SOCKET SIZE	DRIVE	PACK	CTN
DWMT19052B	1/2" (Deep)	3/8" Square	1	50

CAT #	DESCRIPTION	PACK	CTN
PFM2201050	3/8" to 1/2" Adaptor[1]	25	125

1. The 3/8" to 1/2" adaptor has a 3/8-16 external thread and a 1/2-13 internal thread.

Hangermate® for Concrete

Rod Hanging Anchor

Full FM listings in product brochure or at www.DEWALT.com

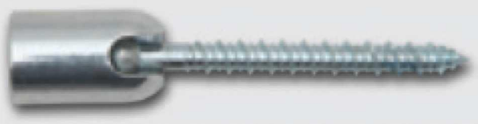
Rod hanging anchors

Concrete

Carbon steel

HANGERMATE BASIC FOR CONCRETE - INTERNALLY THREADED - VERT.

CAT #	ROD DIAMETER	DESCRIPTION	PACK	CTN
PFM2217171	1/4"	1/4" x 1-1/4"	100	600
PFM2217173	3/8"	1/4" x 1-1/2"	100	600



HANGERMATE FOR CONCRETE - INTERNALLY THREADED - PIVOT

CAT #	ROD DIAMETER	DESCRIPTION	PACK	CTN
PFM2281300	3/8"	1/4" x 2"	25	125

RECOMMENDED INSTALLATION POWER TOOLS

CAT #	TYPE
DCH273P2DHO	1" SDS PLUS 20V ROTARY HAMMER
DCF887D2	20V MAX 1/4" HEX IMPACT DRIVER
DCF913	20V MAX 3/8" DRIVE IMPACT WRENCH

INSTALLATION DRIVERS AND ACCESSORIES:
HANGERMATE BASIC FOR CONCRETE - INTERNALLY THREADED - VERT.

CAT #	SOCKET SIZE	DRIVE	PACK	CTN
PFM1491050	3/8"	1/4" Hex	5	25
PFM1491100	1/2"	1/4" Hex	5	25
By Diameter	3/8" - 1/2"	3/8" Square		

INSTALLATION DRIVERS AND ACCESSORIES:
HANGERMATE FOR CONCRETE - INTERNALLY THREADED - PIVOT

CAT #	DRIVE	PACK	CTN
PFM2201250	1/4" Hex	5	25

OTHER ACCESSORIES:
HANGERMATE FOR CONCRETE

CAT #	DESCRIPTION	PACK	CTN
PFM2201050	3/8" to 1/2" Adaptor[1]	25	125

1. The 3/8" to 1/2" adaptor has a 3/8-16 external thread and a 1/2-13 internal thread.

Suspender® for Concrete

Rod Hanging Anchor

Full FM listings in product brochure or at www.DEWALT.com

Rod hanging anchors

Concrete

Carbon steel

SUSPENDER FOR CONCRETE - DUAL-DIRECTIONAL

CAT #	DESCRIPTION	DRIVER	PACK	CTN
PFM2271050	5/16" x 2-1/4"	PFM2201300	25	125

INSTALLATION DRIVERS AND ACCESSORIES:
SUSPENDER FOR CONCRETE - DUAL-DIRECTION

CAT #	SOCKET SIZE	PACK	CTN
PFM2201300	1/4" Hex	25	25

OTHER ACCESSORIES:
SUSPENDER FOR CONCRETE

CAT #	DESCRIPTION	PACK	CTN
PFM2201050	3/8" to 1/2" Adaptor[1]	25	125

1. The 3/8" to 1/2" adaptor has a 3/8-16 external thread and a 1/2-13 internal thread.

RECOMMENDED INSTALLATION POWER TOOLS
HANGERMATE+ FOR CONCRETE

CAT #	TYPE
DCH273P2DHO	1" SDS PLUS 20V ROTARY HAMMER
DCF887D2	20V MAX 1/4" HEX IMPACT DRIVER
DCF913	20V MAX 3/8" DRIVE IMPACT WRENCH

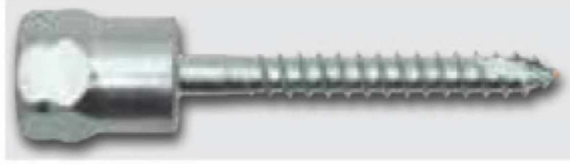
Hangermate® for Wood

Rod Hanging Anchor

Rod hanging anchors in a wide range of styles

Wood

Carbon steel



HANGERMATE FOR WOOD - INTERNALLY THREADED - VERTICAL

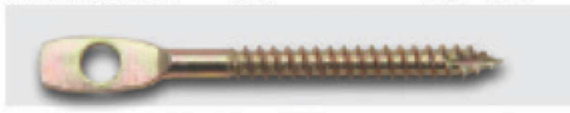
CAT #	ROD DIAMETER	DESCRIPTION	PACK	CTN
PFM2251000	1/4"	1/4" x 2"	25	125
PFM2251050	3/8"	1/4" x 1"	25	125
PFM2251100	3/8"	1/4" x 2"	25	125
PFM2251150	3/8"	5/16" x 2-1/2"	25	125
PFM2251200	3/8"	1/4" x 3"	25	125
PFM2251250	3/8"	1/4" x 4"	25	125
PFM2251300	1/2"	15/16" x 2-1/2"	25	125

HANGERMATE FOR WOOD - INTERNALLY THREADED - HORIZONTAL

CAT #	ROD DIAMETER	DESCRIPTION	PACK	CTN
PFM2261000	1/4"	1/4" x 1"	25	125
PFM2261050	3/8"	1/4" x 1"	25	125
PFM2261100	3/8"	1/4" x 2"	25	125
PFM2261150	3/8"	5/16" x 2-1/2"	25	125

HANGERMATE FOR WOOD - INTERNALLY THREADED - PIVOT

CAT #	ROD DIAMETER	DESCRIPTION	PACK	CTN
PFM2281100	3/8"	1/4" x 2"	25	125



HANGERMATE - WOOD - ACOUSTICAL CEILING SCREW EYELET

CAT #	HOLE DIAMETER	DESCRIPTION	PACK	CTN
PFM2251500	3/16"	1/4" x 3-1/4"	25	125

INSTALLATION DRIVERS AND ACCESSORIES:
HANGERMATE FOR WOOD - INTERNALLY THREADED - VERTICAL

CAT #	SOCKET SIZE	DRIVE	PACK	CTN
PFM2201150	5/8"	1/4" Hex	5	25

INSTALLATION DRIVERS AND ACCESSORIES:
HANGERMATE FOR WOOD - INTERNALLY THREADED - HORIZONTAL

CAT #	SOCKET SIZE	DRIVE	PACK	CTN
PFM2201150	5/8"	1/4" Hex	5	25

INSTALLATION DRIVERS AND ACCESSORIES:
HANGERMATE FOR WOOD - INTERNALLY THREADED - PIVOT

CAT #	DRIVE	PACK	CTN
DW22862	1/4" Hex	5	25

INSTALLATION DRIVERS AND ACCESSORIES:
HANGERMATE FOR WOOD - CEILING SCREW EYELET

CAT #	DRIVE	PACK	CTN
DW22862	1/4" Hex	5	25

OTHER ACCESSORIES:
HANGERMATE FOR WOOD

CAT #	DESCRIPTION	PACK	CTN
PFM2201050	3/8" to 1/2" Adaptor[1]	25	125
PFM2201100	Hangermate Pole Tool Kit[2]	25	125

1. The 3/8" to 1/2" adaptor has a 3/8-16 external thread and a 1/2-13 internal thread.
2. The Hangermate pole tool kit is designed for use with standard 1/2" steel conduit tubing (conduit not included) and can be customized to various lengths and ceiling heights. Compatible with standard steel and wood Hangermate.

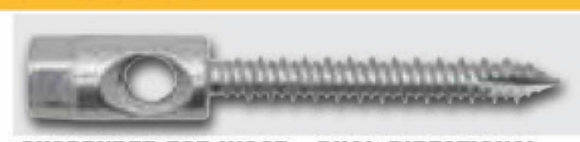
Suspender® for Wood

Rod Hanging Anchor

Rod hanging anchors in a wide range of styles

Wood

Carbon steel



SUSPENDER FOR WOOD - DUAL-DIRECTIONAL

CAT #	ROD DIAMETER	DESCRIPTION	PACK	CTN
PFM2271000	3/8"	5/16" x 2-1/4"	25	125

INSTALLATION DRIVERS AND ACCESSORIES:
SUSPENDER FOR WOOD - IDUAL DIRECTION

CAT #	DRIVE	PACK	CTN
DW22862	1/4" Hex	5	25

OTHER ACCESSORIES:
SUSPENDER FOR WOOD

CAT #	DESCRIPTION	PACK	CTN
PFM2201050	3/8" to 1/2" Adaptor[1]	25	125
PFM2201100	Hangermate Pole Tool Kit[2]	25	125

1. The 3/8" to 1/2" adaptor has a 3/8-16 external thread and a 1/2-13 internal thread.
2. The Hangermate pole tool kit is designed for use with standard 1/2" steel conduit tubing (conduit not included) and can be customized to various lengths and ceiling heights. Compatible with standard steel and wood Hangermate.

Legs®

Wallboard Anchor

Expansion anchor
Pierce point; no pre-drilling

Wallboard

Zinc plated carbon steel

LEGS WALLBOARD ANCHOR

CAT.NO.	DESCRIPTION	PACK	CTN
02336-PWR	Legs Wallboard Anchor	100	1000
02335-PWR	Legs Anchor w/ No.8 x 1" Screw	100	1000

MASTER PACK

CAT #	DESCRIPTION	MASTER CTN
02338-PWR	Legs Wallboard Anchor	5000

Zip-All®

Wallboard Anchor

Self drilling
Use No. 6 or No. 8 screws

Wallboard

Zamac alloy

ZIP-ALL

CAT #	WALL THICKNESS	DESCRIPTION	PACK	CTN
02297-PWR	3/8" to 1"	Zinc - with screws	100	1000

Fluted Plastic Anchor

Plastic Wall Anchor

Light duty
Use with sheet metal or wood screw

Normal-weight concrete

Engineered plastic

FLUTED PLASTIC ANCHOR

CAT #	SIZE	COLOR	DRILL DIAMETER	PACK	CTN
07500-PWR	#4-#6 x 1"	White	3/16"	100	5,000
07510-PWR	#10-#12 x 1"	Green	1/4"	100	5,000
07515-PWR	#10-#12 x 1-1/4"	Green	1/4"	100	1,000
07520-PWR	#10-#12 x 1-1/2"	Green	1/4"	100	1,000
07530-PWR	#14 x 1-1/2"	Blue	5/16"	100	1,000

Strap-Toggle™

Hollow Wall Anchor

Federal GSA Specification – Meets the descriptive requirements of FF-B-588D Type V for a captive toggle (superseded)

Heavy duty
Small installation hole; removable
Accommodates range of wall thicknesses

Wallboard hollow concrete masonry

Engineered plastic and carbon steel wings

STRAP-TOGGLE (not packed with screws)

CAT #	SIZE	DRILL DIAMETER	WALL THICKNESS	PACK	CTN
04052-PWR	3/16" x 4	1/2"	3/8" - 2-1/2"	50	300
04054-PWR	1/4" x 4-1/2"	1/2"	3/8" - 2-1/2"	50	300
04056-PWR	3/8" x 4"	3/4"	3/8" - 2-1/2"	25	150

STRAP-TOGGLE INSTALLATION

DEWALT TOGGLE BOLTS

Zip-It®

Wallboard Anchor

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

Features And Benefits:

- Ideal for mounting electrical fixtures, fastening drapery supports, installing phone systems, miscellaneous hardware, etc.

Model	Description	Box Qty.	Case Qty.
2348	Nylon Zip-It, w/No. 8 x 1" screws	100	1000
2349Z	Zinc Zip-It, w/No. 8 x 1" screws	100	1000

Zip-It® Jr.

Wallboard Anchor

The Zip-It anchor is a one-piece self-drilling anchor designed for use in hollow gypsum wallboard for light to medium duty loads. The Zip-It Jr. is available in engineered nylon and Zamac alloy for use with No. 6 screws in 3/8" to 5/8" wallboard.

Features And Benefits:

- Ideal for mounting electrical fixtures, fastening drapery supports, installing phone systems, miscellaneous hardware, etc.

Model	Description	Box Qty.	Case Qty.
2351	Nylon Zip-It Jr., w/No. 6 x 1" screws	100	1000
2364Z	Zinc Zip-It Jr., w/No. 6 x 1" screws	100	1000

Bantam Plug

Plastic Wall Anchor

The Bantam Plug is a plastic anchor designed for use with lightweight fixtures. It can be used in concrete, block and brick. It is also suggested for use in wallboard. The Bantam Plug anchor is injection molded from an engineered plastic and is designed to be used in conjunction with a sheet metal or wood screw. The Bantam Plug is recommended for light duty static applications where holding power is not a critical factor. It should not be used overhead. NOTE: Not packaged with screws.

Features And Benefits:

- Performs well in most base materials
- Anchor body is resistant to corrosion from moisture

Model	Size	Drill Dia.	Box Qty.	Case Qty.
7559	#6-#8 x 3/4"	3/16"	100	1000
7569	#8-#10 x 7/8"	3/16"	100	1000
7579	#10-#12 x 1"	1/4"	100	1000
7589	#14-#16 x 1-1/2"	5/16"	50	500

Mushroom Head Toggle Bolt

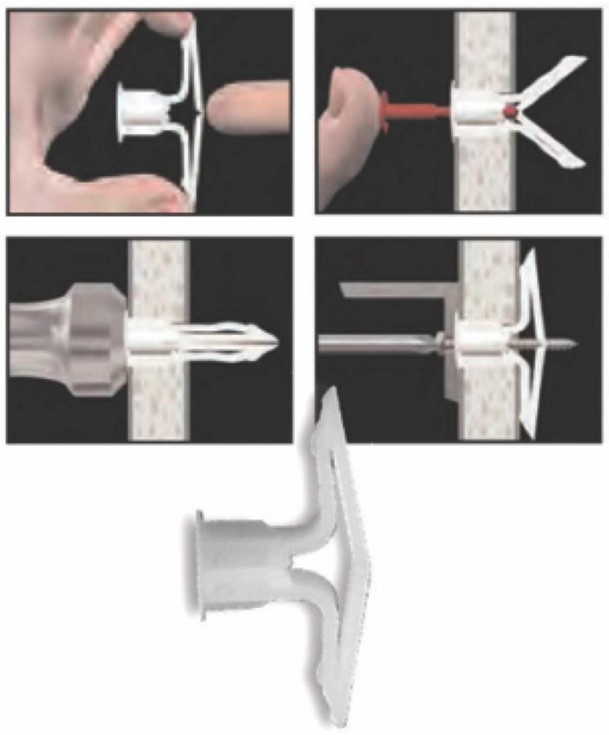
Hollow Wall Anchor

Model	Size	Drill Dia.	Box Qty.	Case Qty.
023	1/8" x 2"	3/8"	20	500
033	1/8" x 3"	3/8"	50	500
043	1/8" x 4"	3/8"	50	500
133	3/16" x 3"	1/2"	50	500
143	3/16" x 4"	1/2"	50	500
233	1/4" x 3"	5/8"	50	500
243	1/4" x 4"	5/8"	50	500

Tie-Wire Acoustical Toggle

Hollow Wall Anchor

Model	Size	Drill Dia.	Tie Wire Hole Size	Box Qty.	Case Qty.
4247	1/4" x 4"	5/8"	7/32"	100	100
4257	1/4" x 5"	5/8"	7/32"	100	100



Super Toggler®

The Toggler is a screw actuated hollow wall anchor for use in paneling, wallboard, and solid masonry.

Model	Size	Wall Thickness	Drill Dia.	Screws
TA100	Short	1/8"–1/4"	5/16"	#10
TB100	Med.	3/8"–1/2"	5/16"	#10
TC100	Long	5/8"–3/4"	5/16"	#10

Toggle Bolt

Hollow Wall Anchor

The Toggle Bolt is a spring wing type hollow wall anchor designed for use in block, wallboard and other hollow base materials. The Toggle Bolt is two-part assembly consisting of a machine screw and a spring wing toggle. Sizes range from 1/8" diameter x 2" length to 1/2" diameter x 6" length with mushroom, tie-wire or round head styles.

Features And Benefits:

- Adjustable to accommodate various wall thicknesses up to 2-1/2"
- Easy to use and works in a variety of base materials

Round Head Toggle Bolt

Hollow Wall Anchor

Model	Size	Drill Dia.	Box Qty.	Case Qty.
4031	1/8" x 3"	3/8"	50	500
4121	3/16" x 2"	1/2"	50	500
4131	3/16" x 3"	1/2"	50	500
4141	3/16" x 4"	1/2"	50	500
4151	3/16" x 5"	1/2"	50	500
4161	3/16" x 6"	1/2"	50	500
4231	1/4" x 3"	5/8"	50	500
4241	1/4" x 4"	5/8"	50	500
4251	1/4" x 5"	5/8"	50	500
4261	1/4" x 6"	5/8"	50	500
4341	5/16" x 4"	7/8"	25	250
4431	3/8" x 3"	7/8"	25	250
4441	3/8" x 4"	7/8"	25	250
4451	3/8" x 5"	7/8"	25	125
4461	3/8" x 6"	7/8"	25	125

Toggle Wings Only

For Use With Hollow Wall Anchor

Model	Size	Drill Dia.	Box Qty.	Case Qty.
4000	1/8"	3/8"	100	500
4020	3/16"	1/2"	100	1000
4220	1/4"	5/8"	100	1000
4330	5/16"	7/8"	50	500
4430	3/8"	7/8"	50	500
4540	1/2"	1-1/4"	25	25

316 Stainless Steel Wedge-Bolt

Screw Anchor

Tested in accordance with ASTM E488 AC106 criteria and AC193 criteria

Uses special matched tolerance Wedge-Bit™

One-piece finished head

Additional corrosion resistance

Head ratchet teeth lock against fixture

Concrete grouted concrete masonry (CMU)

316 Stainless steel

316 STAINLESS STEEL FINISHED HEX WASHER HEAD

CAT #	ANCHOR SIZE	PACK	CTN	SUGGESTED WEDGE-BIT			
				SDS-PLUS	SDS-MAX	SPLINE	STRAIGHT SHANK
07870-PWR	1/4" x 2"	100	600	01312-PWR			01370-PWR
07872-PWR	1/4" x 3"	100	500	01314-PWR			01372-PWR
07876-PWR	1/4" x 4"	100	500	01314-PWR			01372-PWR
07878-PWR	1/4" x 5"	100	500	01315-PWR			
07880-PWR	3/8" x 2-1/2"	50	300	01316-PWR			01380-PWR
07882-PWR	3/8" x 3"	50	250	01316-PWR			01380-PWR
07884-PWR	3/8" x 4"	50	250	01316-PWR			01380-PWR
07886-PWR	3/8" x 5"	50	250	01318-PWR	01354-PWR	01342-PWR	01384-PWR
07888-PWR	1/2" x 3"	50	150	01320-PWR	01354-PWR	01342-PWR	01390-PWR
07890-PWR	1/2" x 4"	50	150	01320-PWR	01354-PWR	01342-PWR	01390-PWR
07892-PWR	1/2" x 5"	25	100	01322-PWR	01354-PWR	01342-PWR	01394-PWR
07894-PWR	1/2" x 6"	25	75	01322-PWR	01354-PWR	01342-PWR	01394-PWR

UltraCon®+

Concrete Screw

ICC-ES ESR-3068 (Concrete)

ICC-ES ESR-3196 (Masonry-CMU)

ICC-ES ESR-3042 (Wood-to-Wood)

ICC-ES ESR-3213 (Chemically Treated Lumber)

Miami-Dade NOA

Florida Buiding Code

Stalgard® Coating Blue White Silver or Bronze

Concrete Block Brick Wood Pressure Treated Lumber

Carbon Steel

*Sizes which are less than the minimum standard anchor length for strength design.

CARBON STEEL FINISHED BLUE HEX WASHER HEAD

CAT #	SIZE	PACK
DFM12700*	3/16" x 1-1/4"	100
DFM12700B	3/16" x 1-1/4"	5000
DFM12702*	3/16" x 1-3/4"	100
DFM12702B*	3/16" x 1-3/4"	3000
DFM12704	3/16" x 2-1/4"	100
DFM12704B	3/16" x 2-1/4"	2000
DFM12706	3/16" x 2-3/4"	100
DFM12706B	3/16" x 2-3/4"	1500
DFM12708	3/16" x 3-1/4"	100
DFM12708B	3/16" x 3-1/4"	1000
DFM12710	3/16" x 3-3/4"	100
DFM12710B	3/16" x 3-3/4"	1000
DFM12712	3/16" x 4"	100
DFM12712B	3/16" x 4"	1000
DFM12715*	1/4" x 1"	100
DFM12720*	1/4" x 1-1/4"	100
DFM12720B*	1/4" x 1-1/4"	2000
DFM12722*	1/4" x 1-3/4"	100
DFM12722B*	1/4" x 1-3/4"	2000
DFM12724	1/4" x 2-1/4"	100
DFM12724B	1/4" x 2-1/4"	1500
DFM12726	1/4" x 2-3/4"	100
DFM12726B	1/4" x 2-3/4"	1000
DFM12728	1/4" x 3-1/4"	100
DFM12728B	1/4" x 3-1/4"	1000
DFM12730	1/4" x 3-3/4"	100
DFM12730B	1/4" x 3-3/4"	500
DFM12732	1/4" x 4"	100
DFM12732B	1/4" x 4"	500
DFM12734	1/4" x 5"	100
DFM12734B	1/4" x 5"	500

CARBON STEEL FINISHED BLUE PHILLIPS FLAT HEAD

CAT #	SIZE	PACK
DFM12740*	3/16" x 1-1/4"	100
DFM12740B*	3/16" x 1-1/4"	5000
DFM12742*	3/16" x 1-3/4"	100
DFM12742B*	3/16" x 1-3/4"	3000
DFM12744	3/16" x 2-1/4"	100
DFM12744B	3/16" x 2-1/4"	2500
DFM12746	3/16" x 2-3/4"	100
DFM12746B	3/16" x 2-3/4"	1500
DFM12748	3/16" x 3-1/4"	100
DFM12748B	3/16" x 3-1/4"	1000
DFM12750	3/16" x 3-3/4"	100
DFM12750B	3/16" x 3-3/4"	1000
DFM12752	3/16" x 4"	100
DFM12752B	3/16" x 4"	1000
DFM12760*	1/4" x 1-1/4"	100
DFM12760B*	1/4" x 1-1/4"	2500
DFM12762*	1/4" x 1-3/4"	100
DFM12762B*	1/4" x 1-3/4"	2500
DFM12764	1/4" x 2-1/4"	100
DFM12764B	1/4" x 2-1/4"	1500
DFM12766	1/4" x 2-3/4"	100
DFM12766B	1/4" x 2-3/4"	1000
DFM12768	1/4" x 3-1/4"	100
DFM12768B	1/4" x 3-1/4"	1000
DFM12770	1/4" x 3-3/4"	100
DFM12770B	1/4" x 3-3/4"	500
DFM12772	1/4" x 4"	100
DFM12772B	1/4" x 4"	500
DFM12774	1/4" x 5"	100
DFM12776	1/4" x 6"	100

UltraCon®+ Continued

Concrete Screw

ICC-ES ESR-3068 (Concrete)

ICC-ES ESR-3196 (Masonry-CMU)

ICC-ES ESR-3042 (Wood-to-Wood)

ICC-ES ESR-3213 (Chemically Treated Lumber)

Miami-Dade NOA

Florida Buiding Code

Stalgard® Coating Blue White Silver or Bronze

Concrete Block Brick Wood Pressure Treated Lumber

Carbon Steel

*Sizes which are less than the minimum standard anchor length for strength design.

CARBON STEEL FINISHED WHITE HEX WASHER HEAD

CAT #	SIZE	PACK
DFM2ELD200*	3/16" x 1-1/4"	5000
DFM2ELD210*	3/16" x 1-3/4"	3000
DFM2ELD220	3/16" x 2-1/4"	2500
DFM2ELD230	3/16" x 2-3/4"	1500
DFM2ELD240	3/16" x 3-1/4"	1000
DFM2ELD250*	1/4" x 1-1/4"	2500
DFM2ELD195*	1/4" x 1-3/4"	2000
DFM2ELD205	1/4" x 2-1/4"	1500
DFM2ELD215	1/4" x 2-3/4"	1000
DFM2ELD225	1/4" x 3-1/4"	1000
DFM2ELD235	1/4" x 3-3/4"	500
DFM2ELD245	1/4" x 4"	500
DFM2ELD255	1/4" x 5"	500
DFM2ELD265	1/4" x 6"	500

CARBON STEEL FINISHED WHITE PHILLIPS FLAT HEAD

CAT #	SIZE	PACK
DFM2ELD320*	3/16" x 1-1/4"	5000
DFM2ELD330*	3/16" x 1-3/4"	3000
DFM2ELD340	3/16" x 2-1/4"	2500
DFM2ELD350	3/16" x 2-3/4"	1500
DFM2ELD360	3/16" x 3-1/4"	1000
DFM2ELD370	3/16" x 3-3/4"	1000
DFM2ELD385*	1/4" x 1-1/4"	2500
DFM2ELD386*	1/4" x 1-3/4"	2000
DFM2ELD387	1/4" x 2-1/4"	1500
DFM2ELD388	1/4" x 2-3/4"	1000
DFM2ELD389	1/4" x 3-1/4"	1000

CARBON STEEL FINISHED WHITE HEX WASHER FLANGE HEAD

CAT #	SIZE	PACK
DFM2ELD270*	1/4" x 1-3/4"	2000
DFM2ELD275*	1/4" x 1-3/4"	1500
DFM2ELD285	1/4" x 2-1/4"	1000
DFM2ELD295	1/4" x 2-3/4"	1000
DFM2ELD305	1/4" x 3-1/4"	500

CARBON STEEL FINISHED WHITE PHILLIPS FLAT TRIM HEAD

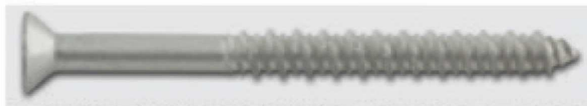
CAT #	SIZE	PACK
DFM2ELD400*	1/4" x 1-3/4"	2000
DFM2ELD410	1/4" x 2-1/4"	1500
DFM2ELD420	1/4" x 2-3/4"	1000
DFM2ELD430	1/4" x 3-1/4"	1000
DFM2ELD440	1/4" x 3-3/4"	500
DFM2ELD450	1/4" x 4"	500

CARBON STEEL FINISHED SILVER HEX WASHER HEAD

CAT #	SIZE	PACK
DFM2ELG340*	1/4" x 1-1/4"	2500
DFM2ELG341*	1/4" x 1-3/4"	2000
DFM2ELG371	1/4" x 2-1/4"	1500
DFM2ELG401	1/4" x 2-3/4"	1000
DFM2ELG431	1/4" x 3-1/4"	1000

CARBON STEEL FINISHED SILVER PHILLIPS FLAT HEAD

CAT #	SIZE	PACK
DFM2ELG521*	3/16" x 1-1/4"	5000
DFM2ELG551*	3/16" x 1-3/4"	3000
DFM2ELG581	3/16" x 2-1/4"	2500
DFM2ELG611	3/16" x 2-3/4"	1500
DFM2ELG641	3/16" x 3-1/4"	1000
DFM2ELG671	3/16" x 3-3/4"	1000



CARBON STEEL FINISHED SILVER PHILLIPS FLAT TRIM HEAD

CAT #	SIZE	PACK
DFM2ELG770*	1/4" x 1-1/4"	2500
DFM2ELG771*	1/4" x 1-3/4"	2000
DFM2ELG801	1/4" x 2-1/4"	1500
DFM2ELG831	1/4" x 2-3/4"	1000
DFM2ELG861	1/4" x 3-1/4"	1000
DFM2ELG891	1/4" x 3-3/4"	500
DFM2ELG921	1/4" x 4"	500

CARBON STEEL FINISHED SILVER HEX WASHER FLANGE HEAD

CAT #	SIZE	PACK
DFM2ELC145*	1/4" x 1-3/4"	1500
DFM2ELG510*	1/4" x 1-3/4"	1500
DFM2ELC151	1/4" x 2-1/4"	1000
DFM2ELG512	1/4" x 2-1/4"	1000
DFM2ELC160	1/4" x 2-3/4"	1000
DFM2ELC170	1/4" x 3-1/4"	1000

CARBON STEEL FINISHED BRONZE HEX WASHER HEAD

CAT #	SIZE	PACK
DFM2ELE465	1/4" x 4"	500

CARBON STEEL FINISHED BRONZE PHILLIPS FLAT TRIM HEAD

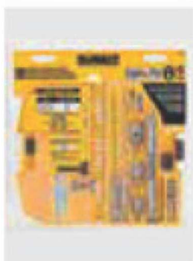
CAT #	SIZE	PACK
DFM2ELG832	1/4" x 2-3/4"	1000
DFM2ELG862	1/4" x 3-1/4"	1000
DFM2ELG892	1/4" x 3-3/4"	500

CARBON STEEL FINISHED BRONZE PHILLIPS FLAT HEAD

CAT #	SIZE	PACK
DFM2ELG612	3/16" x 2-3/4"	1500

ULTRACON+ SDS+ DRILL BITS

CAT #	SIZE
DW5381	5/32" x 7"
DW5382	3/16" x 7"



INSTALLATION KIT

CAT #	DESCRIPTION
DW5366	5/32" and 3/16" SDS+ Drill Bits, 1/4" And 5/16" Nutsetters, #2 and #3 Phillips Bits, Phillips Flathead Adapter, Percussion Adapter, Drive Sleeve, and 1/8" Allen Wrench

Crete-Flex®

Concrete Screw

Miami-Dade NOA
Florida Buiding Code

Silver Stalgard® Coating 410 Stainless Steel provides enhanced corrosion resistance and ductility for outstanding performance

Larger .201 root diameter provides exceptionally high shear values

Concrete brick block

410 Stainless Steel

410 STAINLESS STEEL STALGARD® SILVER FINISHED HEX WASHER HEAD

CAT #	SIZE	PACK	CTN
DFM4EMH500	3/16" x 1-1/4"	100	500
DFM4EMH510	3/16" x 1-3/4"	100	500
DFM4EMH530	3/16" x 2-1/4"	100	500
DFM4EMH550	3/16" x 2-3/4"	100	500
DFM4EMF310	#14 x 1-1/4"	100	500
DFM4EMF330	#14 x 1-3/4"	100	500
DFM4EMF350	#14 x 2-1/4"	100	500
DFM4EMF370	#14 x 2-3/4"	100	500
DFM4EMF390	#14 x 3-1/4"	100	500
DFM4EMF410	#14 x 3-3/4"	100	500
DFM4EMF430	#14 x 4"	100	500
DFM4EMF450	#14 x 5"	100	500
DFM4EMF470	#14 x 6"	100	500

410 STAINLESS STEEL STALGARD® SILVER FINISHED HEX WASHER FLANGE HEAD

CAT #	SIZE	PACK	CTN
DFM4EMF340	#14 x 1-3/4"	100	500
DFM4EMF360	#14 x 2-1/4"	100	500

410 STAINLESS STEEL STALGARD® SILVER FINISHED PHILLIPS FLAT TRIM HEAD

CAT #	SIZE	PACK	CTN
DFM4EMF510	#14 x 1-3/4"	100	500
DFM4EMF530	#14 x 2-1/4"	100	500
DFM4EMF550	#14 x 2-3/4"	100	500

410 STAINLESS STEEL STALGARD® SILVER FINISHED PHILLIPS FLAT HEAD

CAT #	SIZE	PACK	CTN
DFM4EMF610	3/16" x 1-1/4"	100	500
DFM4EMF620	3/16" x 1-3/4"	100	500
DFM4EMF630	3/16" x 2-1/4"	100	500
DFM4EMF640	3/16" x 2-3/4"	100	500
DFM4EMF650	3/16" x 3-1/4"	100	500
DFM4EMF690	#14 x 1-1/4"	100	500
DFM4EMF710	#14 x 1-3/4"	100	500
DFM4EMF730	#14 x 2-1/4"	100	500
DFM4EMF750	#14 x 2-3/4"	100	500
DFM4EMF770	#14 x 3-1/4"	100	500
DFM4EMF790	#14 x 3-3/4"	100	500
DFM4EMF810	#14 x 4"	100	500
DFM4EMF830	#14 x 5"	100	500
DFM4EMF850	#14 x 6"	100	500

SDS+ DRILL BITS

CAT #	SIZE
DW5381	5/32" x 7"
DW5410	7/32" x 6"
DW5411	7/32" x 10"

INSTALLATION KIT

	CAT #	DESCRIPTION
	DW5366	5/32" and 3/16" SDS+ Drill Bits, 1/4" and 5/16" Nutsetters, #2 and #3 Phillips Bits, Phillips Flathead Adapter, Percussion Adapter, Drive Sleeve, and 1/8" Allen Wrench

Aggre-Gator®

Concrete Screw

Miami-Dade NOA
High Velocity Hurricane Zone

Florida Buiding Code

Corrosion resistant

High strength and ductility

Galvanic compatibility in dissimilar metal applications involving aluminum

Silver Stalgard® GB (Galvanic Barrier) Coating

Concrete brick block
ACQ- treated lumber

Bi-Metal 300 Series Stainless Steel

300 STAINLESS STEEL STALGARD® GB SILVER FINISHED HEX WASHER HEAD

CAT #	SIZE	PACK	CTN
DFM3EML300	1/4" x 1-1/4"	50	300
DFM3EML315	1/4" x 1-3/4"	50	300
DFM3EML325	1/4" x 2-1/4"	50	300
DFM3EML335	1/4" x 2-3/4"	50	300
DFM3EML345	1/4" x 3-1/4"	50	300
DFM3EML365	1/4" x 4"	50	300

SDS+ DRILL BITS

CAT #	SIZE
DW5382	3/16" x 7"

INSTALLATION KIT

	CAT #	DESCRIPTION
	DW5366	5/32" and 3/16" SDS+ Drill Bits, 1/4" and 5/16" Nutsetters, #2 and #3 Phillips Bits, Phillips Flathead Adapter, Percussion Adapter, Drive Sleeve, and 1/8" Allen Wrench

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UltraCon®

Concrete Screw

Miami-Dade NOA
Florida Buiding Code

Silver Stalgard® Coating

Concrete brick block

Carbon steel

CARBON STEEL STALGARD® SILVER FINISHED HEX WASHER HEAD

CAT #	SIZE	PACK
DFM5ELG481	5/16" x 1-3/4"	1000
DFM5ELG486	5/16" x 2-1/4"	1000
DFM5ELG491	5/16" x 2-3/4"	500
DFM5ELG496	5/16" x 3-1/4"	500
DFM5ELG501	5/16" x 3-3/4"	500
DFM5ELG506	5/16" x 4"	500
DFM5ELG511	5/16" x 5"	250
DFM5ELG516	5/16" x 6"	250

CARBON STEEL STALGARD® SILVER FINISHED HEX WASHER TRIM HEAD

CAT #	SIZE	PACK
DFM5ELG482	5/16" x 1-3/4"	1500
DFM5ELG487	5/16" x 2-1/4"	1000
DFM5ELG492	5/16" x 2-3/4"	1000
DFM5ELG497	5/16" x 3-1/4"	500
DFM5ELG502	5/16" x 3-3/4"	500

CARBON STEEL STALGARD® SILVER FINISHED PHILLIPS FLAT HEAD

CAT #	SIZE	PACK
DFM5ELG941	5/16" x 2-1/4"	1000
DFM5ELG948	5/16" x 2-3/4"	500
DFM5ELG960	5/16" x 3-1/4"	500
DFM5ELG976	5/16" x 4"	500
DFM5ELG979	5/16" x 4"	500
DFM5ELG992	5/16" x 5"	500
DFM5ELG998	5/16" x 6"	250

CARBON STEEL STALGARD® SILVER FINISHED PHILLIPS FLAT TRIM HEAD

CAT #	SIZE	PACK
DFM5ELG941	5/16" x 2-1/4"	1000
DFM5ELG948	5/16" x 2-3/4"	500
DFM5ELG960	5/16" x 3-1/4"	500
DFM5ELG976	5/16" x 4"	500
DFM5ELG979	5/16" x 4"	500
DFM5ELG992	5/16" x 5"	500
DFM5ELG998	5/16" x 6"	250

CARBON STEEL STALGARD® SILVER FINISHED PHILLIPS FLAT OVERSIZED HEAD

CAT #	SIZE	PACK
DFM5ELG945	5/16" x 2-1/4"	1500
DFM5ELG955	5/16" x 2-3/4"	1000
DFM5ELG965	5/16" x 3-1/4"	500
DFM5ELG972	5/16" x 3-3/4"	500
DFM5ELG991	5/16" x 5"	250

SDS+ DRILL BITS

CAT #	SIZE
DW5417	1/4" x 6"
DW5418	1/4" x 8 1/2"
DW5420	1/4" x 12"
DW5421	1/4" x 14"

UltraCon® SS4

Concrete Screw

Miami-Dade NOA
Florida Buiding Code

Silver Stalgard® Coating 410 Stainless Steel providea enhanced corrosion resistance and ductility over carbon steel fasteners

Concrete brick block

410 Stainless Steel

410 STAINLESS STEEL STALGARD® SILVER FINISHED HEX WASHER HEAD

CAT #	SIZE	PACK
DFM4EUH310	1/4" x 1-1/4"	100
DFM4EUH311	1/4" x 1-3/4"	100
DFM4EUH312	1/4" x 2-1/4"	100
DFM4EUH313	1/4" x 2-3/4"	100
DFM4EUH314	1/4" x 3-1/4"	100
DFM4EUH315	1/4" x 3-3/4"	100
DFM4EUH316	1/4" x 4"	100
DFM4EUH317	1/4" x 5"	100
DFM4EUH318	1/4" x 6"	100

SDS+ DRILL BITS

CAT #	SIZE
DFM4EUF310	1/4" x 1-1/4"

INSTALLATION KIT

	CAT #	DESCRIPTION
	DW5366	5/32" and 3/16" SDS+ Drill Bits, 1/4" and 5/16" Nutsetters, #2 and #3 Phillips Bits, Phillips Flathead Adapter, Percussion Adapter, Drive Sleeve, and 1/8" Allen Wrench

WEDGE ANCHORS

RED HEAD CONCRETE ANCHORING SYSTEMS

AVAILABLE USA

Trubolt® Wedge Anchors

Type:	Wedge Anchor
Description:	Feature a type 18-8 stainless steel split expansion ring, a threaded stud bolt body & integral cone expander, nut & washer. Head styles: Hex nut, tie-wire
Base Materials:	Concrete, block & stone
Anchor Material:	Zinc plated carbon steel, hot dipped galvanized carbon steel, type 304 or type 316 stainless steel

Hilti® Compareable:
Trubolt®: Compare to Kwik Bolt 3 Anchors

ANCHOR SIZE	THREAD LENGTH	MAX. FIXTURE THICKNESS	MIN. EMBED	QTY/ BOX	ZINC PLATED STEEL	GALVANIZED STEEL	304 STAINLESS	316 STAINLESS
1/4-20 x 1-3/4"	3/4"	3/8"	1-1/8"	100	WS-1416	-	WW-1416	-
1/4-20 x 2-1/4"	1-1/4"	7/8"	1-1/8"	100	WS-1422	-	WW-1422	SWW-1422
1/4-20 x 3-1/4"	2-1/4"	1-1/8"	1-1/8"	100	WS-1432	-	WW-1432	SWW-1432
3/8"-16 x 2-1/4"	1-1/8"	3/8"	1-1/2"	50	WS-3822	-	WW-3822	-
3/8"-16 x 2-3/4"	1-5/8"	7/8"	1-1/2"	50	WS-3826	-	WW-3826	SWW-3826
3/8"-16 x 3"	1-3/4"	1-1/8"	1-1/2"	50	WS-3830	-	WW-3830	SWW-3830
3/8"-16 x 3-3/4"	2-1/2"	1-7/8"	1-1/2"	50	WS-3836	-	WW-3836	SWW-3836
3/8"-16 x 5"	3-3/4"	3-1/8"	1-1/2"	50	WS-3850	-	WW-3850	SWW-3850
3/8"-16 x 7"	3-7/8"	5-1/8"	1-1/2"	50	WS-3870	-	-	-
1/2"-13 x 2-3/4"	1-1/4"	1/8"	2-1/4"	25	WS-1226	WS-1226G	WW-1226	SWW-1226
1/2"-13 x 3-3/4"	2-1/4"	1"	2-1/4"	25	WS-1236	-	WW-1236	SWW-1236
1/2"-13 x 4-1/4"	2-3/4"	1-1/2"	2-1/4"	25	WS-1242	WS-1242G	WW-1242	SWW-1242
1/2"-13 x 4-1/2"	3"	1-3/4"	2-1/4"	25	WS-1244	-	-	-
1/2"-13 x 5-1/2"	3"	2-3/4"	2-1/4"	25	WS-1254	-	WW-1254	SWW-1254
1/2"-13 x 5-1/2"	4"	2-3/4"	2-1/4"	25	-	WS-1254G	-	-
1/2"-13 x 7"	3-1/2"	4-1/4"	2-1/4"	25	WS-1270	-	WW-1270	-
1/2"-13 x 7"	5-1/2"	4-1/4"	2-1/4"	25	-	WS-1270G	-	-
5/8"-11 x 3-1/2"	1-3/4"	1/8"	2-3/4"	10	WS-5834	-	WW-5834	-
5/8"-11 x 4-1/4"	2-1/2"	7/8"	2-3/4"	10	-	-	WW-5842	-
5/8"-11 x 5"	3-1/4"	1-5/8"	2-3/4"	10	WS-5850	-	WW-5850	SWW-5850
5/8"-11 x 6"	4-1/4"	2-5/8"	2-3/4"	10	WS-5860	WS-5860G	WW-5860	-
5/8"-11 x 7"	3-1/2"	3-5/8"	2-3/4"	10	WS-5870	-	WW-5870	SWW-5870
5/8"-11 x 7"	5-1/4"	3-5/8"	2-3/4"	10	-	-	-	-
5/8"-11 x 8-1/2"	3-1/2"	5-1/8"	2-3/4"	10	WS-5884	-	WW-5884	-
5/8"-11 x 8-1/2"	5-3/4"	5-5/8"	2-3/4"	10	WS-5884	-	-	-
5/8"-11 x 10"	5-3/4"	6-5/8"	2-3/4"	10	WS-58100	-	-	-
3/4"-10 x 4-1/4"	2-3/8"	1/4"	3-1/4"	10	WS-3442	-	-	-
3/4"-10 x 4-3/4"	2-1/4	3/4"	3-1/4"	10	WS-3446	-	-	-
3/4"-10 x 4-3/4"	2-7/8"	3/4"	3-1/4"	10	-	WS-3446G	WW-3446	-
3/4"-10 x 5-1/2"	3"	1-1/2"	3-1/4"	10	-	-	-	-
3/4"-10 x 5-1/2"	3-5/8"	1-1/2"	3-1/4"	10	WS-3454	WS-3454G	WW-3454	-
3/4"-10 x 6-1/4"	4-3/8"	2-1/4"	3-1/4"	10	WS-3462	-	-	-
3/4"-10 x 7"	3-1/2"	3"	3-1/4"	10	WS-3470	-	WW-3470	-
3/4"-10 x 7"	5-1/8"	3"	3-1/4"	10	-	-	-	-
3/4"-10 x 8-1/2"	3-1/2"	4-1/2"	3-1/4"	10	-	-	WW-3484	-
3/4"-10 x 8-1/2"	5-3/4"	4-1/2"	3-1/4"	10	WS-3484	WS-3484G	-	-
3/4"-10 x 10"	1-3/4"	6"	3-1/4"	10	-	-	WW-34100	-
3/4"-10 x 10"	5-3/4"	6"	3-1/4"	10	WS-34100	-	-	-
3/4"-10 x 12"	1-3/4"	8"	3-1/4"	10	WS-34120	-	-	-
7/8"-9 x 6"	2-1/2"	1-3/8"	3-3/4"	5	-	-	-	-
7/8"-9 x 8"	2-1/2"	3-3/8"	3-3/4"	5	-	-	-	-
7/8"-9 x 6"	2-1/2"	5-3/8"	3-3/4"	5	-	-	-	-
1"-8 x 6"	2-1/2"	1/2"	4-1/2"	5	-	-	WW-10060	-
1"-8 x 9"	2-1/2"	3-1/2"	4-1/2"	5	-	-	WW-10090	-

RED HEAD CONCRETE ANCHORING SYSTEMS Dynabolt® Sleeve Anchors

- Versatile, medium-duty expansion anchor featuring a split expansion sleeve over a threaded stud bolt body & integral expander, nut & washer

PART NO.	ANCHOR SIZE	MAX. FIXTURE THICKNESS	MIN. EMBED	QTY/ BOX
Carbon Steel Hex Nut				
HN-1614	5/16" × 1-1/2"	1/4"	1-1/4"	100
HN-3817	3/8" × 1-7/8"	3/8"	1-1/2"	50
HN-3830	3/8" × 3"	1-1/2"	1-1/2"	50
HN-1222	1/2" × 2-1/4"	3/8"	1-7/8"	25
HN-1230	1/2" × 3"	1-1/8"	1-7/8"	25
HN-1240	1/2" × 4"	2-1/8"	1-7/8"	25
HN-5830	5/8" × 3"	1"	2"	25
HN-5842	5/8" × 4-1/4"	2"	2"	10
HN-3424	3/4" × 2-1/2"	1/4"	2-1/4"	10
HN-3440	3/4" × 4"	1-3/4"	2-1/4"	10
Carbon Steel Phillips Flat Head				
FS-3840	3/8" × 4"	2-1/2"	1-1/2"	50
FS-3850	3/8" × 5"	3-1/2"	1-1/2"	50
FS-3860	3/8" × 6"	4-1/2"	1-1/2"	50
Stainless Steel 304 Hex Nut				
SHN-3817	3/8" × 1-7/8"	3/8"	1-1/2"	50
SHN-1222	1/2" × 2-1/4"	3/8"	1-7/8"	25
SHN-1240	1/2" × 4"	2-1/8"	1-7/8"	25
Stainless Steel 304 Phillips Flat Head				
SFS-3826	3/8" × 2-7/8"	1-1/2"	1-1/2"	50
SFS-3840	3/8" × 4"	2-1/2"	1-1/2"	50
Tie Wire				
TW-1614	5/16"	9/32"	1-1/2"	100

Anchor Materials: Zinc Plated Carbon Steel, 304 Stainless Steel

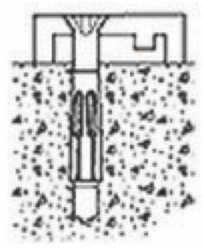
Head Styles: Hex Nut, Acorn Nut, Round Head, Phillips Flat Head, Threshold Flat Head, Tie-wire

Size Range: 1/4" dia. × 5/8" L. to 3/4" dia. × 6-1/2" L.

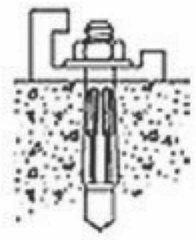
Suitable Base Materials: Concrete, Block, Brick & Stone

HEAD STYLES

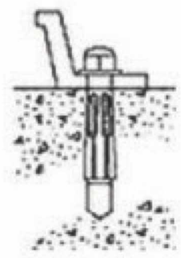
Phillips Flat Head FS



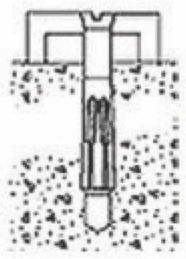
Hex Nut HN



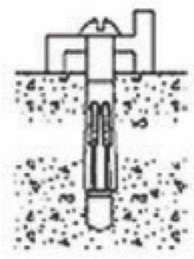
Acorn Nut AN



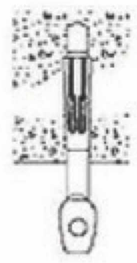
Threshold Flat Head TH



Round Head RS



Tie WireTW



Hilti® Compareable:
Dynabolt®: Compare to HLC Anchors

RED HEAD CONCRETE ANCHORING SYSTEMS LDT® Screw Anchor

Patented Sawtooth™ threads for easier installation in 5/8" & 3/4" sizes

- Uses ANSI drill bits
- Cuts its own threads into concrete
- Made of hardened carbon steel and zinc plated
- Finished hex washer head with anti-rotation serrations prevents anchor back-out
- Anchor head is stamped with a length identification code
- **Size Range:** 3/8" & 3/4" diameters. 1-3/4" to 6" lengths
- **Suitable Base Materials:** concrete, masonry, block
- Stainless steel anchors are gold-colored while the carbon steel anchors are silver-colored

AVAILABLE USA

Hilti® Compareable:
LDT Anchors: Compare to HUS-H Screw Anchors

COMPARE:

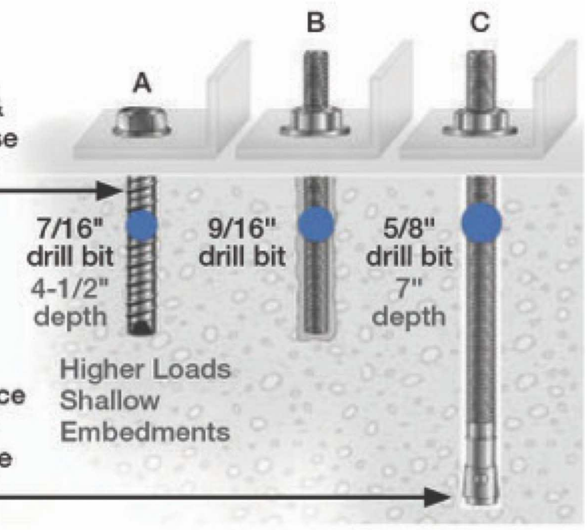
A. 1/2" LDT Anchor
Fast installation
Easily removed
Finished Head

B. 1/2" Adhesive Anchor
5-Step installation
Permanent application
Exposed threads

C. 5/8" Wedge Anchor
Nut & washer assembly
Difficult to remove
Exposed threads

Smaller drill bit size required
LDT anchors specify a smaller & less expensive drill bit than those required with the 1/2" adhesive threaded rod or the 5/8" wedge.

Shallower hole depth required
At 4-1/2" embedment the LDT anchor will give your performance similar to 1/2" adhesive anchor of the same depth or 5/8" wedge anchors at 7" deep.



DRILL BIT DIA.	MAX. FIXTURE THICKNESS	SIZE	QTY/ BOX	CARBON STEEL	410 STAINLESS STEEL
5/16"	1/4"	3/8" × 1-3/4"	50	LDT-3816	SLDT-3816
5/16"	1"	3/8' × 2-1/2"	50	LDT-3824	SLDT-3824
5/16"	1-1/2"	3/8" × 3"	50	LDT-3830	SLDT-3830
5/16"	2-1/2"	3/8" × 4"	50	LDT-3840	SLDT-3840
5/16"	3-1/2"	3/8" × 5"	40	LDT-3850	SLDT-3850
7/16"	1"	1/2" × 3"	25	LDT-1230	SLDT-1230
7/16"	2"	1/2" × 4"	25	LDT-1240	SLDT-1240
7/16"	3"	1/2" × 5"	25	LDT-1250	SLDT-1250

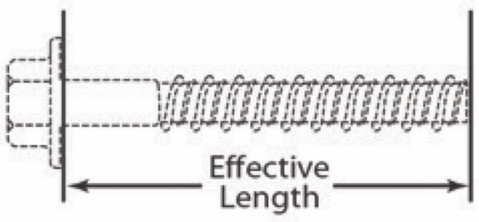
DRILL BIT DIA.	MAX. FIXTURE THICKNESS	SIZE	QTY/ BOX	CARBON STEEL	410 STAINLESS STEEL
7/16"	4"	1/2" × 6"	20	LDT-1260	-
1/2"	1/4"	5/8" × 3"	10	LDT-5830	-
1/2"	1-1/4"	5/8" × 4"	10	LDT-5840	-
1/2"	2-1/4"	5/8" × 5"	10	LDT-5850	-
1/2"	3-1/4"	5/8" × 6"	10	LDT-5860	-
5/8"	1-1/4"	3/4" × 4-1/2"	10	LDT-3444	-
5/8"	2-1/4"	3/4" × 5-1/2"	10	LDT-3454	-
5/8"	3"	3/4" × 6-1/4"	10	LDT-3462	-

STANLEY_SUPPLY.indd 24-25

LDT Carbon and Stainless Steel

Carbon Steel with Zinc Plating: Meets ASTM B695 and B633 specifications for zinc plating of 5um = .0002" thickness. This coating is well suited for non-corrosive interior environments.

Stainless Steel: Provides additional corrosion protection for outdoor applications.



PART NO. CARBON STEEL ZINC PLATED	PART NO. FOR 410 STAINLESS STEEL	ANCHOR DIA.		DRILL BIT DIA.		ANCHOR LENGTH		MAX. THICKNESS OF MATERIAL TO BE FASTENED		QTY/WT PER BOX qty / lbs.	QTY/WT PER MASTER CARTON qty / lbs.
		in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)		
LDT-3816	—	3/8	(9.5)	5/16	(7.9)	1-3/4	(44.5)	1/4	(6.4)	50 / 3.0	400 / 24.0
LDT-3824	SLDT-3824	3/8	(9.5)	5/16	(7.9)	2-1/2	(63.5)	1	(25.4)	50 / 4.5	400 / 34.0
LDT-3830	SLDT-3830	3/8	(9.5)	5/16	(7.9)	3	(76.2)	1-1/2	(38.1)	50 / 5.0	400 / 40.0
LDT-3840	SLDT-3840	3/8	(9.5)	5/16	(7.9)	4	(101.6)	2-1/2	(63.5)	50 / 6.5	400 / 52.0
LDT-3850	SLDT-3850	3/8	(9.5)	5/16	(7.9)	5	(127.0)	3-1/2	(89.0)	40 / 7.5	320 / 60.0
LDT-1230	SLDT-1230	1/2	(12.7)	7/16	(11.1)	3	(76.2)	1/2	(12.7)	25 / 4.5	150 / 27.0
LDT-1240	SLDT-1240	1/2	(12.7)	7/16	(11.1)	4	(101.6)	1-1/2	(38.1)	25 / 6.0	150 / 36.6
LDT-1250	SLDT-1250	1/2	(12.7)	7/16	(11.1)	5	(127.0)	2-1/2	(63.5)	25 / 7.6	150 / 45.6
LDT-1260	—	1/2	(12.7)	7/16	(11.1)	6	(152.4)	4	(101.6)	20 / 9.0	120 / 54.0
LDT-5830	—	5/8	(15.9)	1/2	(12.7)	3	(76.2)	1/4	(6.4)	10 / 3.5	100 / 35.0
LDT-5840	—	5/8	(15.9)	1/2	(12.7)	4	(101.6)	1-1/4	(31.8)	10 / 4.0	100 / 40.0
LDT-5850	—	5/8	(15.9)	1/2	(12.7)	5	(127.0)	2-1/4	(57.1)	10 / 4.7	100 / 47.0
LDT-5860	—	5/8	(15.9)	1/2	(12.7)	6	(152.4)	3-1/4	(82.6)	10 / 5.4	50 / 27.0
LDT-3444	—	3/4	(19.1)	5/8	(15.9)	4-1/2	(114.3)	1-1/4	(31.8)	10 / 7.4	50 / 37.0
LDT-3454	—	3/4	(19.1)	5/8	(15.9)	5-1/2	(139.7)	2-1/4	(57.1)	10 / 8.1	50 / 40.5
LDT-3462	—	3/4	(19.1)	5/8	(15.9)	6-1/4	(158.8)	3	(76.2)	10 / 9.1	30 / 27.3

* The stainless steel LDTs will have the number 4 stamped on the head next to the length indication code

DESIGN GUIDE

For proper selection of anchor diameters based upon pre-drilled holes in base plates and fixtures.

HOLE DIAMETER IN FIXTURE		SUGGESTED LDT DIAMETER	
in.	(mm)	in.	(mm)
7/16	(11.1)	3/8	(9.5)
1/2	(12.7)	3/8	(9.5)
9/16	(14.3)	1/2	(12.7)
5/8	(15.9)	1/2	(12.7)
3/4	(19.1)	5/8	(15.9)
7/8	(22.2)	3/4	(19.1)

LENGTH INDICATION CODE

Length Code letter located on top of head. Additional number 4 indicates 410 stainless steel

CODE	LENGTH OF ANCHOR in.	(mm)
A	1-1/2 < 2	(38.1 < 50.8)
B	2 < 2-1/2	(50.8 < 63.5)
C	2-1/2 < 3	(63.5 < 76.2)
D	3 < 3-1/2	(76.2 < 88.9)
E	3-1/2 < 4	(88.9 < 101.6)
F	4 < 4-1/2	(101.6 < 114.3)
G	4-1/2 < 5	(114.3 < 127.0)
H	5 < 5-1/2	(127.0 < 139.7)
I	5-1/2 < 6	(139.7 <152.4)
J	6 < 6-1/2	(152.4 < 165.1)

PERFORMANCE TABLE

LDT Anchors

Ultimate Tension and Shear Values (lbs/kN) in Solid Concrete Carbon and Stainless Steel

ANCHOR DIAMETER		EMBEDMENT DEPTH		f'c = 2000 PSI (13.8 MPa)				f'c = 3000 PSI (20.7 MPa)				f'c = 4000 PSI (27.6 MPa)			
				TENSION		SHEAR		TENSION		SHEAR		TENSION		SHEAR	
in.	(mm)	in.	(mm)	lbs.	(kN)	lbs.	(kN)	lbs.	(kN)	lbs.	(kN)	lbs.	(kN)	lbs.	(kN)
3/8	(9.5)	1-1/2	(38.1)	1,336	(5.9)	2,108	(9.4)	1,652	(7.3)	2,764	(12.3)	1,968	(8.8)	3,416	(15.2)
		2	(50.8)	1,492	(6.6)	3,036	(13.5)	2,024	(9.0)	3,228	(14.4)	2,552	(11.4)	3,420	(15.2)
		2-1/2	(63.5)	3,732	(16.6)	3,312	(14.7)	3,748	(16.7)	3,364	(15.0)	3,760	(16.7)	3,424	(15.2)
		3-1/2	(88.9)	5,396	(24.0)	3,312	(14.7)	6,624	(29.5)	3,368	(15.0)	7,852	(34.9)	3,428	(15.2)
1/2	(12.7)	2	(50.8)	3,580	(15.9)	5,644	(25.1)	3,908	(17.4)	6,512	(29.0)	4,236	(18.8)	7,380	(32.8)
		3-1/2	(88.9)	7,252	(32.3)	6,436	(28.6)	8,044	(35.8)	7,288	(32.4)	8,836	(39.3)	8,140	(36.2)
		4-1/2	(114.3)	10,176	(45.3)	7,384	(32.8)	10,332	(46.0)	7,968	(35.4)	10,488	(46.7)	8,552	(38.0)
5/8	(15.9)	2-3/4	(69.9)	5,276	(23.5)	8,656	(38.5)	6,560	(29.2)	11,064	(49.2)	7,844	(34.8)	13,476	(59.9)
		3-1/2	(88.9)	7,972	(35.5)	10,224	(45.5)	9,848	(43.8)	12,144	(54.0)	11,724	(52.2)	14,060	(62.5)
		4-1/2	(114.3)	11,568	(51.5)	12,316	(54.8)	13,432	(59.8)	13,580	(60.4)	16,892	(75.1)	14,840	(66.0)
3/4	(19.1)	3-1/4	(82.6)	6,876	(30.6)	7,140	(31.8)	9,756	(43.4)	10,728	(47.7)	12,636	(56.2)	14,316	(63.6)
		4-1/2	(114.3)	10,304	(45.8)	13,120	(58.4)	14,424	(64.2)	16,868	(75.0)	18,540	(82.5)	20,612	(91.7)
		5-1/2	(139.7)	13,048	(58.0)	17,908	(79.7)	18,156	(80.8)	21,718	(96.9)	23,268	(130.5)	25,652	(114.1)

To calculate the Allowable Load of the anchor, divide the Ultimate Load by 4.

AC100+ GOLD® ACRYLIC INJECTION ADHESIVE ANCHORING SYSTEM

High-Strength Acrylic Anchor

- International Code Council, Evaluation Service (ICC-ES) ESR-2582 (Including FBC Supplement)

Includes: Mixing nozzle

PRODUCT NO.	DESCRIPTION
8478SD	9.5 OZ. QUICK-SHOT CARTRIDGE
8490SD	28 OZ. DUAL CARTRIDGE
08293	MIXING NOZZLE (10 AND 12 OZ.)

⚠ WARNING ⚠
Cancer and Reproductive Harm - **www.P65Warnings.ca.gov**

PURE50+™ EPOXY INJECTION ADHESIVE ANCHORING SYSTEM

Transportation Epoxy Anchor

INCLUDES: MIXING NOZZLE

- International Code Council, Evaluation Service (ICC-ES) ESR-3576
- Code Compliant with the 2015 IBC, 2015 IRC, 2012 IBC, 2012 IRC, 2009 IBC, and 2009 IRC
- Conforms to requirements of ASTM C 881 and AASHTO M235, Types I, II, IV and V, Grade 3, Classes B & C

PRODUCT NO.	DESCRIPTION
08605	21 OZ. SIDE-BY-SIDE CARTRIDGE
08600	9 OZ. QUIKSHOT CARTRIDGE

⚠ WARNING ⚠
Cancer and Reproductive Harm - **www.P65Warnings.ca.gov**

PURE110+® EPOXY INJECTION ADHESIVE ANCHORING SYSTEM

Hi-Performance Epoxy Anchor

- International Code Council, Evaluation Service (ICC-ES) ESR-3298 for cracked and uncracked concrete
- Code Compliant with 2015 IBC, 2015 IRC, 2012 IBC, 2012 IRC, 2009 IBC, and 2009 IRC
- Conforms to requirements of ASTM C 881, Types I, II, IV and V, Grade 3, Classes B & C (also meets Type III except for elongation)

Includes: Mixing nozzle

PRODUCT NO.	DESCRIPTION
08310SD	9 OZ. QUIKSHOT CARTRIDGE
08321SD	21 OZ. DUAL CARTRIDGE

⚠ WARNING ⚠
Cancer and Reproductive Harm - **www.P65Warnings.ca.gov**

AC50™ ACRYLIC INJECTION ADHESIVE ANCHORING SYSTEM

Quick-cure Acrylic Anchor

- Conforms to requirements of ASTM C 881, Types I, II, IV and V, Grade 3, Classes A & B (also meets Type III except for elongation)
- Includes mixing nozzle
- 28 ounce cartridge

PRODUCT NO.	DESCRIPTION
	28 OZ DUAL CARTRIDGE

⚠ WARNING ⚠
Cancer and Reproductive Harm - **www.P65Warnings.ca.gov**

STANDARD QUIK-SHOT MANUAL DISPENSER

9/9.5 oz.

- Fits most 10oz caulks

PRODUCT NO.
08437

⚠ WARNING ⚠
Cancer and Reproductive Harm - **www.P65Warnings.ca.gov**

AC200+ ACRYLIC INJECTION ADHESIVE ANCHORING SYSTEM

Hi-performance acrylic anchor

- Code Compliant with 2015 IBC, 2015 IRC, 2012 IBC, 2012 IRC, 2009 IBC, and 2009 IRC

Includes: mixing nozzle

PRODUCT NO.	DESCRIPTION
PFC127105	10 OZ QUIK SHOT CARTRIDGE
PFC127115	28 OZ DUAL CARTRIDGE

⚠ WARNING ⚠
Cancer and Reproductive Harm - **www.P65Warnings.ca.gov**

28 OZ. STANDARD ALL METAL MANUAL TOOL FOR DEWALT ACRYLIC ADHESIVE ANCHORING PRODUCTS

For use with 28 oz. DEWALT 10:1 ratio adhesive anchoring cartridges

- All metal construction for durability

PRODUCT NO.
201084

⚠ WARNING ⚠
Cancer and Reproductive Harm - **www.P65Warnings.ca.gov**

20.5 OZ. STANDARD ALL METAL MANUAL TOOL FOR DEWALT EPOXY ADHESIVE ANCHORING PRODUCTS

Manual tool for use with 21 oz. DEWALT 1:1 ratio adhesive anchoring cartridges

- All metal construction for durability

PRODUCT NO.
08409

⚠ WARNING ⚠
Cancer and Reproductive Harm - **www.P65Warnings.ca.gov**

21 OZ. 20V MAX 1:1 EPOXY DISPENSER

Productive up to 24 tubes per battery charge at room temperature

- Speed Dial for dispensing versatility
- Dosage Metering Dial for repetitive dispensing in same size holes
- 20V MAX battery system

PRODUCT NO.	DESCRIPTION
DCE591D1	21 OZ. 1:1 EPOXY DISPENSER
DCE591B	BARE TOOL ONLY

⚠ WARNING ⚠
Cancer and Reproductive Harm - **www.P65Warnings.ca.gov**

20V MAX* 10 OZ./300ML ADHESIVE GUN KIT

21 in/min. max speed, variable speed trigger

- Variable speed dial for setting maximum and minimum flow rates
- Anti-drip feature retracts plunging rod once trigger is released
- LED light for visibility in low light situations
- Quick Connect inter-changeable canister trays
- Hang hook for easy storage

Includes: 1 Li-ion battery, 1 charger

PRODUCT NO.
DCE560D1

⚠ WARNING ⚠
Cancer and Reproductive Harm - **www.P65Warnings.ca.gov**

RED HEAD A7+ ADHESIVE ANCHORS

PART NO.	DESCRIPTION	BOX QTY.
A7P-10	Red Head A7+ 9.5oz Cartridge w/ A24 Nozzle	6
A7P-28	Red Head A7+ 28oz Cartridge w/ S55 Nozzle	4
A7P-500KIT	Red Head A7+ 5oz Kit w/ Hand Crank & Nozzle	8
A7P-501 KIT	Red Head A7+ 5oz Kit w/ Reuse Piston & Nozzle	8

RED HEAD C6+ ADHESIVE ANCHORS

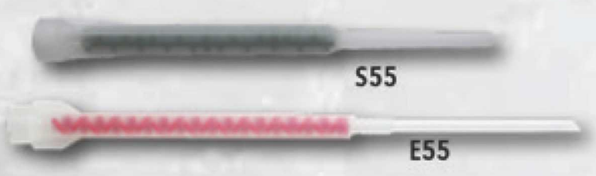
PART NO.	DESCRIPTION	BOX QTY.
C6P-15	Red Head C6+ 15.2oz Cartridge w/ S55 Nozzle	6
C6P-30	Red Head C6+ 30.4oz Cartridge w/ S55 Nozzle	4

RED HEAD A7+ DISPENSING TOOLS

PART NO.	DESCRIPTION
A100	10oz. Manual Tool (A7P-10)
A102-V3	28oz HD Manual Tool (A7P-28)
A200	28oz Pneumatic Tool (A7P-28)
A300	28oz/30oz Battery Tool (A7P-28 and C6P-30)

RED HEAD C6+ DISPENSING TOOLS

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
D100	15.2oz HD Manual Tool (C6P-15)	D202	30.4oz Pneumatic Tool (C6P-30)
D102	30.4oz HD Manual Tool (C6P-30)	D300	15.2oz Battery Tool (C6P-15)
D200	15.2oz Ergonomic Pneumatic Tool (C6P-15)	A300	28oz/30oz Battery Tool (A7P-28 and C6P-30)



DISPENSING ACCESSORIES

PART NO.	DESCRIPTION	BOX QTY.
A24S	Short Nozzle	24
S55	10" Standard Nozzle	24
E55	14" Long Nozzle	24
S75	High-Flow Nozzle	24
S75EXT	Extension for High-Flow Nozzle	24
E25-6	6' Extension Tube	5
E916-6	Heavy Duty 6' Extension Tube (Fits Piston Plugs)	5
PL-5834	Piston Plug for 5/8" and 3/4" diameter anchors	10
PL-7810	Piston Plug for 7/8" and 1" diameter anchors	10
PL-1250	Piston Plug for 1-1/4" diameter anchors	10

HOLE CLEANING ACCESSORIES

PART NO.	DESCRIPTION	BOX QTY.
BP-10	Manual Blow Pump	1
WB-038	Wire Brush for 3/8" Anchors	10
WB-012	Wire Brush for 1/2" Anchors	10
WB-058	Wire Brush for 5/8" Anchors	10
WB-034	Wire Brush for 3/4" Anchors	10
WB-078	Wire Brush for 7/8" Anchors	10
WB-100	Wire Brush for 1" Anchors	10
WB-125	Wire Brush for 1-1/4" Anchors	10
B012	Nylon Brush 1/2" Diameter (soft enough for Masonry)	1
ESDS-38	Wire Brush 12" Usable Extension with SDS+ Adaptor	1
EHAN-38	Wire Brush 12" Usable Extension w ith T-Handle	1

MASONRY ACCESSORIES

PART NO.	DESCRIPTION	BOXQTY.
HBU-38	Umbrella Anchor for Hollow Block	20
HBP 38-8	3/8" Diameter by 8" length Nylon screen	25
HB 34-8	3/4" Diameter by 8" length Stainless Steel Screen	20
HB38-312	3/8" Diameter by 3.5" length Stainless Steel Screen	100
HB12-312	1/2" Diameter by 3.5" length Stainless Steel Screen	50
HB58-412	5/8" Diameter by 4.5" length Stainless Steel Screen	50

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Nylon Hole Cleaning Brushes

T308+ and Glass Capsules Only

Designed to provide a dispenser when required and to aid in the preparation of the anchor hole. Screen tubes should be used with masonry construction when voids are present.

Model	Description	For ANSI Hole Size
07931	1/2" x 8-1/2" Nylon Brush	7/16"
07932	3/4" x 8-1/2" Nylon Brush	9/16"
07933	1" x 12" Nylon Brush	3/4"
07934	1-1/4" x 13" Nylon Brush	1" & 1-1/8"
07935	1-1/2" x 13-1/2" Nylon Brush	1-1/4"

Hand Pump / Dust Blower

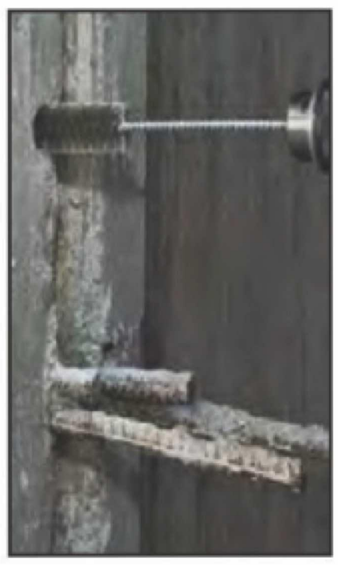
Blow Out Bulb Hole Clean Out

- Cylinder Volume: 25 fl. oz.

Model
08280

SDS-Plus Adapter

Jacobs Chuck Adapter for wire brush



12" Steel Brush Extension

Threaded Hole Cleaning Wire Brush Adapters

Adhesive Anchoring Accessories

- Used to aid in the preparation of the anchor hole and installation
- Used to attach wire brushes to a rotary drill or cordless screwgun

Item	Model	Description
42-7268	08283	SDS-Plus Adapter
42-7269	08296	Standard Drill Adapter (e.g. Jacobs Chuck Adapter)
42-7275	08282	12" Steel Brush Extension

Threaded Hole Cleaning Wire Brushes

Adhesive Anchoring Accessories

- Used to aid in the preparation of the anchor hole and installation
- Attach to a rotary drill or cordless screwgun with adaptor

Model	Description	For ANSI Hole Size
08278	7-7/8" Wire Brush	3/4" (5/8" Rod or #5 Rebar)
08284	6-3/4" Wire Brush	7/16" (3/8" rod or #3 rebar)
08285	6-3/4" Wire Brush	9/16" (1/2" rod or #4 rebar)
08286	7-7/8" Wire Brush	11/16" (5/8" rod or #5 rebar)
08287	7-7/8" Wire Brush	7/8" (3/4" rod or #6 rebar)
08288	11-7/8" Wire Brush	1" (7/8" rod or #7 rebar)
08289	11-7/8" Wire Brush	1-1/8" (1" rod o #8 rebar)
08290	11-7/8" Wire Brush	1-3/8" (1-1/4" rod or #9 rebar)

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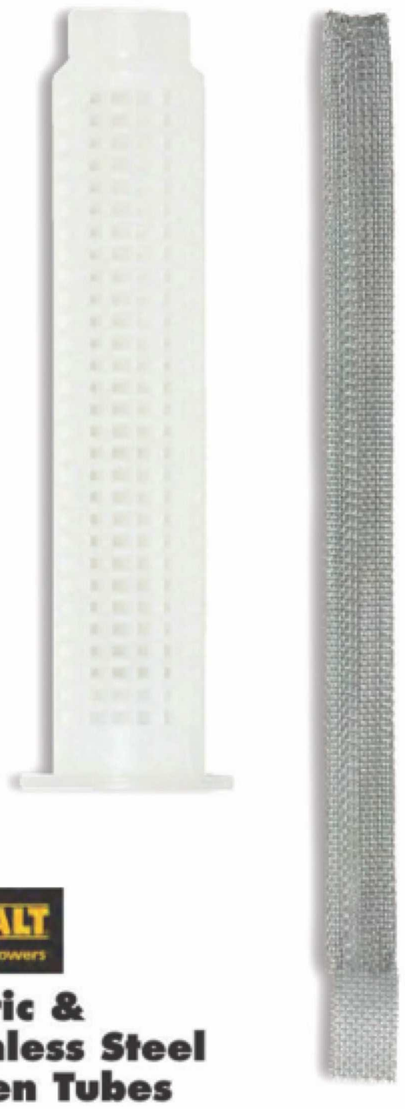


Plastic & Stainless Steel Screen Tubes

Adhesive Anchoring Accessories

Designed to provide a mixing nozzle extension when required and to aid in the preparation of the anchor hole. Screen tubes should be used with masonry construction when voids are present. The nominal diameter of the screen listed indicates the matching rod diameter. Note that the hole size required for plastic screen tubes is different than that for the stainless steel tubes.

Model	Description	Drill Dia.	Box Qty.
Plastic Screen Tube			
08470	1/4" x 1-3/4"	1/2"	25
08310	3/8" x 3-1/2"	9/16"	25
08311	3/8" x 6"	9/16"	25
08313	3/8" x 8"	9/16"	25
08315	1/2" x 3-1/2"	3/4"	25
08317	1/2" x 6"	3/4"	25
08321	5/8" x 6"	7/8"	20
08323	3/4" x 6"	1"	10
Stainless Steel Screen Tube			
07961	3/8" x 3-1/2"	1/2"	25
07963	3/8" x 8"	1/2"	25
07964	3/8" x 10"	1/2"	25
07959	3/8" x 12"	1/2"	25
07965	1/2" x 3-1/2"	5/8"	25
07966	1/2" x 6"	5/8"	25
07967	1/2" x 8"	5/8"	25
07968	1/2" x 10"	5/8"	25
07970	5/8" x 6"	3/4"	20
07971	5/8" x 8"	3/4"	20
07972	5/8" x 10"	3/4"	20
07973	3/4" x 6"	7/8"	10
07977	3/4" x 8"	7/8"	10
07974	3/4" x 10"	7/8"	10
07975	3/4" x 13"	7/8"	10

AC100+ Gold Cartridge System Mixing Nozzles

Vinylester Injection Adhesive Anchoring System Mixing Nozzles

Model	Description
08293	Extra mixing nozzle for AC100+ Gold (5 oz., 8 oz., 10 oz. & 12 oz.)
08294	Extra mixing nozzle (with 8" extension) for AC100+ Gold 28 oz.

AC200+™ Acrylic Injection Adhesive Anchoring System Mixing Nozzles

Vinylester Injection Adhesive Anchoring System Mixing Nozzles

- Two (2) per Pack
- Delivers adhesive to back of drilled holes
- Nozzle for precise mixture of AC200+

Model	Description
PFC1641600	Extra mixing nozzles for AC200+. Pure 110+ 9 oz, Pure 50 9oz

Blow-Out Bulb

- Blow out the masonry dust in order to prepare your hole for epoxy application
- Note: Dust will prevent epoxy from properly adhering

Model
00257

6/15/24 12:50 PM

Stalgard® High-Performance Protective Coatings

Provide consistent, high corrosion resistance

RoHS compliant (chrome-free)

Stalgard® durable, multi-layer, corrosion-resistant coatings are engineered to provide optimal performance in demanding construction applications. These environmentally-friendly finishes are free of chromates and silicates and any process, like electroplating, that might induce hydrogen embrittlement, preventing structural failures.

- Maximizes fastener performance
- Salt spray at 1000+ hours with no red rust per ASTM B117
- Uniform thickness
- Low coefficient of friction – eliminates the need for post-coating lubricants to ease installation
- Does not use processes that introduce hydrogen – will not cause brittle failures like those caused by electroplating
- Durable tough finish – doesn't come off during handling
- Clean and dry – no oily residue
- Eliminates the plating process, resulting in a more environmentally-friendly product than those with plated zinc or other finishes
- Grey Stalgard is ACQ-compatible
- Maintains drilling and tapping performance

STALGARD® Outstanding Corrosion Protection

Stalgard Coating for Induction Heat-Treated Fasteners

Proven, outstanding corrosion resistance for most construction applications, including metal and wood. Salt spray resistance: 1000 hours per ASTM B117. Available colors: silver and gray.

STALGARD® GB Galvanic Barrier Corrosion Protection

Stalgard GB (Galvanic Barrier) Coating

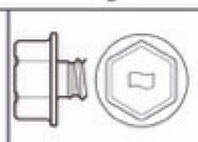
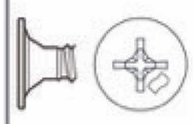
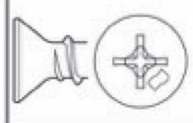
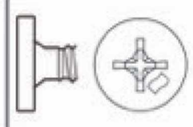
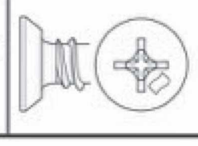
Standard on all Elco stainless steel fasteners

Prevents a galvanic reaction between the stainless steel and dissimilar application materials, which could lead to fastener and/or joint failure. Available color: Silver

STALGARD® SUB Ultimate Barrier Corrosion Protection

Stalgard SUB Ultimate Barrier Coating

For more severely-corrosive environments. Salt spray 2,000 hours per ASTM B117. Available color: Silver

Drill Screw Head Styles		Product Line
Hex Washer Head		Drilit® / Drilit® Flo-Seal® Drill Screws / Dril-Flex® / Bi-Flex® Alumi-Flex® / TapFast® / Tap-Flex®
Phillips Pan Head		Drilit® / Dril-Flex® / Bi-Flex®
Phillips Wafer Head		Drilit® Wood-to-Metal / Dril-Flex®
Phillips Flat Head		Drilit® Wood-to-Metal / Bi-Flex® Wood-to-Metal
Phillips Pancake Head		Architectural Roof Clip Fasteners / Bi-Flex®
Phillips Undercut Flat Head		Dril-Flex® /Bi-Flex® / Alumi-Flex®

Drilit® Standard Drill Screws

Self-drilling fasteners in the most popular sizes

Self-drilling fasteners eliminate separate drilling and tapping operations for faster, more economical installations.

Specifications

- Diameters: #6 to 5/16"
- Lengths: 1/2" to 4"
- Drill Points: Drilit® forged
- Drive Systems: Hex and phillips
- Material: Carbon steel
- Finishes: Stalgard® coating or zinc

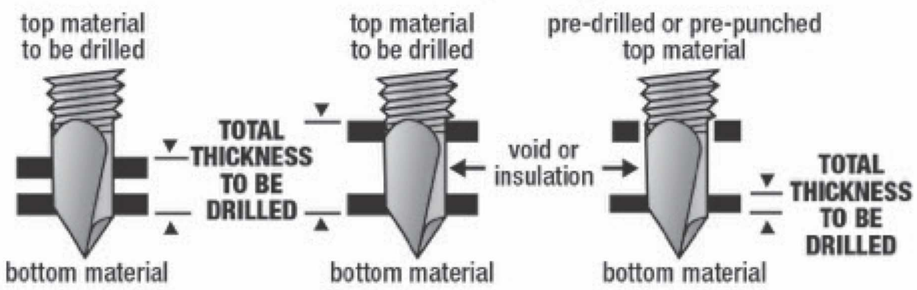
Features & Benefits

- ICC ESR-3294 available on some SKUs
- Eliminates separate drilling and tapping operations
- Fasteners coated with Stalgard finish typically show no red rust or other base metal corrosion on significant surfaces even after 1000 hours of 5% neutral salt spray exposure (per ASTM B117)

Cat #	Description	ICC Appr.	FM Appr.	Point	Finish	Ctn Qty	Ctn Wt	Case Qty	Case Wt
#6 DIAMETER, 1/4" HEX WASHER HEAD									
EDA135-I-100	6-20 x 3/8	-	-	#2	Zinc	100	0.3	1000	3
EDA140-I-100	6-20 x 1/2	-	-	#2	Zinc	100	0.4	1000	4
EDA146-I-100	6-20 x 5/8	-	-	#2	Zinc	100	0.4	1000	4
EDA160-I-100	6-20 x 3/4	-	-	#2	Zinc	100	0.4	1000	4
EDA190-I-100	6-20 x 1	-	-	#2	Zinc	100	0.5	1000	5

Point Size Selection

Maximum Combined Material Thickness By Point Type



Max. Recommended Installation RPM

Diameter	RPM
#6	2500
#8	
#10	
#12	
#12**	1800
1/4"	
5/16"	1200

Nominal Sheet Metal Sizes

Gauge	Decimal
26	0.018
24	0.024
22	0.030
20	0.036
18	0.048
16	0.060
14	0.075
12	0.105

Nominal Screw Sizes

Thread Dia.	Decimal
#6	.138
#8	.164
#10	.190
#12	.216
1/4"	.250
5/16"	.3125

** Applies to #12 diameter screws with point types 4, 4.5 and 5

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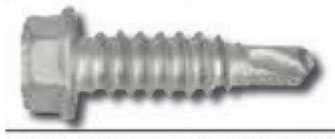
Cat #	Description	ICC Appr.	FM Appr.	Point	Finish	Ctn Qty	Ctn Wt	Case Qty	Case Wt
EDB782-I-050	12-14 x 1-1/4	Y	-	#3	Stalgard®	50	0.55	500	5.5
EDB800-I	12-14 x 1-1/2	-	-	#3	Zinc	2500	35	-	-
EDB800-I-050	12-14 x 1-1/2	-	-	#3	Zinc	50	0.7	500	7
EDB801-I	12-14 x 1-1/2	Y	-	#3	Stalgard®	2500	35	-	-
EDB820-I-050	12-14 x 2	-	-	#3	Zinc	50	0.85	500	8.5
EDB821-I	12-14 x 2	Y	-	#3	Stalgard®	2000	34	-	-
EDB821-I-100	12-14 x 2	Y	-	#3	Stalgard®	100	1.7	1000	17
EDB829-I-050	12-14 x 2-1/2	-	-	#3	Zinc	50	1.1	500	11
EDB830-I	12-14 x 2-1/2	Y	-	#3	Stalgard®	1500	31.5	-	-
EDB839-I-025	12-14 x 3	-	-	#3	Zinc	25	0.65	250	6.5
EDB840-I	12-14 x 3	Y	-	#3	Stalgard®	1000	24	-	-
EDB845-I	12-14 x 4	Y	-	#3	Stalgard®	500	14	-	-



1/4" DIAMETER, 5/16" HEX WASHER HEAD									
EDC930-I	1/4-14 x 7/8	Y	-	#1	Stalgard®	4000	44	-	-
1/4" DIAMETER, 5/16" HEX OVERSIZED (11/16") WASHER HEAD									
EDB947-I	1/4-14 x 1	-	-	#3	Zinc	2000	42	-	-

1/4" DIAMETER, 3/8" HEX WASHER HEAD									
EDB935-I	1/4-14 x 3/4	-	-	#3	Zinc	3500	49	-	-
EDB935-I-100	1/4-14 x 3/4	-	-	#3	Zinc	100	1.4	1000	14
EDB936-I	1/4-14 x 3/4	Y	Y	#3	Stalgard®	3500	49	-	-
EDB945-I	1/4-14 x 1	-	-	#3	Zinc	3000	48	-	-
EDB945-I-050	1/4-14 x 1	-	-	#3	Zinc	50	0.8	500	8
EDB946-I	1/4-14 x 1	Y	-	#3	Stalgard®	3000	48	-	-
EDB955-I-050	1/4-14 x 1-1/4	-	-	#3	Zinc	50	0.95	500	9.5
EDB956-I	1/4-14 x 1-1/4	Y	-	#3	Stalgard®	2000	38	-	-
EDB960-I-050	1/4-14 x 1-1/2	-	-	#3	Zinc	50	1.1	500	11
EDB961-I	1/4-14 x 1-1/2	Y	-	#3	Stalgard®	2000	42	-	-
EDB965-I-050	1/4-14 x 1-3/4	-	-	#3	Zinc	50	1.3	500	13
EDB970-I	1/4-14 x 2	-	-	#3	Zinc	1500	39	-	-
EDB970-I-050	1/4-14 x 2	-	-	#3	Zinc	50	1.3	500	13
EDB971-I	1/4-14 x 2	Y	-	#3	Stalgard®	1500	45	-	-
EDB975-I-025	1/4-14 x 2-1/2	-	-	#3	Zinc	25	0.825	250	8.25
EDB976-I	1/4-14 x 2-1/2	Y	-	#3	Stalgard®	1000	30	-	-
EDB980-I-025	1/4-14 x 3	-	-	#3	Zinc	25	0.925	250	9.25
EDB981-I	1/4-14 x 3	Y	-	#3	Stalgard®	800	28	-	-
EDB983-I	1/4-14 x 4	Y	-	#3	Stalgard®	500	22	-	-

5/16" DIAMETER, 3/8" HEX WASHER HEAD									
EDB990-I-010	5/16-18 x 1	-	-	#3	Zinc	10	0.3	100	3
EDB991-I	5/16-18 x 1	-	-	#3	Stalgard®	1000	30	-	-
EDB993-I-010	5/16-18 x 1-1/4	-	-	#3	Zinc	10	0.34	100	3.4
EDB994-I	5/16-18 x 1-1/4	-	-	#3	Stalgard®	1000	34	-	-
EDB997-I-010	5/16-18 x 1-1/2	-	-	#3	Zinc	10	0.37	100	3.7
EDB998-I	5/16-18 x 1-1/2	-	-	#3	Stalgard®	1000	37	-	-

Drilit® Drill Screws with Bonded Sealing Washers

Economical fasteners for applications requiring a weather-tight seal

This economical line of drill screws provides a weather-tight seal for protection against the elements.

Specifications

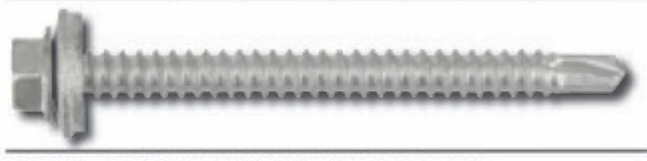
- Diameters: #8 to 1/4", Lengths: 3/4" to 4"
- Head Styles: Hex washer
- Drive System: Hex
- Point Types: #1 to #5
- Material: Carbon steel
- Finish: Stalgard® coating

Features & Benefits

- ICC ESR-3294 available on some SKUs
- EPDM washer material is UV- and heat-resistant for long-term protection against leakage
- Stalgard coating provides 1000 hours of salt spray resistance (per ASTM B117)

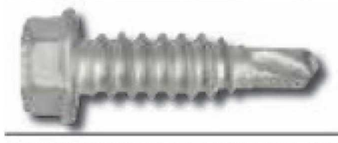
Cat #	Description	ICC Appr.	FM Appr.	Point	Washer O.D.	Finish	Ctn Qty	Ctn Wt	Case Qty	Case Wt
#8 DIAMETER, 1/4" HEX WASHER HEAD										
EHL100-I-050	8-18 x 3/4	-	-	#2	1/2"	Zinc	50	0.6	500	6

#10 DIAMETER, 5/16" HEX WASHER HEAD										
EHL111-I	10-16 x 3/4	Y	Y	#3	1/2"	Stalgard®	3000	40	-	-
EHL112-I-100	10-16 x 3/4	-	-	#3	1/2"	Zinc	100	1.1	1000	11
EHL115-I-100	10-16 x 1	-	-	#3	1/2"	Zinc	100	1.3	1000	13
EHL146-I	10-16 x 1-1/2	Y	-	#3	1/2"	Stalgard®	2000	28	-	-



#12 DIAMETER, 5/16" HEX WASHER HEAD										
EHL160-I-100	12-14 x 3/4	-	-	#3	9/16"	Zinc	100	1.1	1000	11
EHL165-I	12-14 x 3/4	Y	Y	#3	9/16"	Stalgard®	3000	33	-	-
EHL351-I	12-24 x 7/8	Y	Y	#4	9/16"	Stalgard®	2500	30	-	-
EHL180-I-100	12-14 x 1	-	-	#3	9/16"	Zinc	100	1.2	1000	12
EHL181-I	12-14 x 1	Y	-	#3	9/16"	Stalgard®	2500	32.5	-	-
EHL234-I	12-14 x 1-1/4	-	-	#3	9/16"	Zinc	200	3.2	-	-
EHL235-I	12-14 x 1-1/4	Y	-	#3	9/16"	Stalgard®	2000	28	-	-
EHL371-I	12-24 x 1-1/4	Y	-	#4.5	9/16"	Stalgard®	2500	40	-	-
ECW725-I	12-24 x 1-1/4	Y	Y	#5	9/16"	Stalgard®	2500	35	-	-
ECW725-I-050	12-24 x 1-1/4	Y	Y	#5	9/16"	Stalgard®	50	0.7	500	7
EHL276-I	12-14 x 1-1/2	Y	-	#3	9/16"	Stalgard®	2000	34	-	-
ECW745-I	12-24 x 1-1/2	Y	Y	#5	9/16"	Stalgard®	2000	28	-	-
EHL280-I	12-14 x 2	Y	-	#3	9/16"	Stalgard®	1500	30	-	-
ECW755-I	12-24 x 2	Y	Y	#5	9/16"	Stalgard®	1000	20	-	-
EHL285-I	12-14 x 2-1/2	Y	-	#3	9/16"	Stalgard®	1000	23	-	-
EHL295-I	12-14 x 3	Y	-	#3	9/16"	Stalgard®	1000	27	-	-
EHL310-I	12-14 x 4	Y	-	#3	9/16"	Stalgard®	500	16.5	-	-
1/4" DIAMETER, 5/16" HEX WASHER HEAD										
EHK315-I	1/4-14 x 7/8	Y	-	#1	9/16"	Stalgard®	2500	32.5	-	-

Cat #	Description	ICC Appr.	FM Appr.	Point	Finish	Ctn Qty	Ctn Wt	Case Qty	Case Wt
EDB782-I-050	12-14 x 1-1/4	Y	-	#3	Stalgard®	50	0.55	500	5.5
EDB800-I	12-14 x 1-1/2	-	-	#3	Zinc	2500	35	-	-
EDB800-I-050	12-14 x 1-1/2	-	-	#3	Zinc	50	0.7	500	7
EDB801-I	12-14 x 1-1/2	Y	-	#3	Stalgard®	2500	35	-	-
EDB820-I-050	12-14 x 2	-	-	#3	Zinc	50	0.85	500	8.5
EDB821-I	12-14 x 2	Y	-	#3	Stalgard®	2000	34	-	-
EDB821-I-100	12-14 x 2	Y	-	#3	Stalgard®	100	1.7	1000	17
EDB829-I-050	12-14 x 2-1/2	-	-	#3	Zinc	50	1.1	500	11
EDB830-I	12-14 x 2-1/2	Y	-	#3	Stalgard®	1500	31.5	-	-
EDB839-I-025	12-14 x 3	-	-	#3	Zinc	25	0.65	250	6.5
EDB840-I	12-14 x 3	Y	-	#3	Stalgard®	1000	24	-	-
EDB845-I	12-14 x 4	Y	-	#3	Stalgard®	500	14	-	-

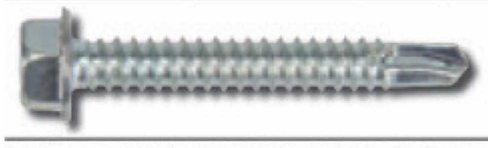


1/4" DIAMETER, 5/16" HEX WASHER HEAD

EDC930-I	1/4-14 x 7/8	Y	-	#1	Stalgard®	4000	44	-	-

1/4" DIAMETER, 5/16" HEX OVERSIZED (11/16") WASHER HEAD

EDB947-I	1/4-14 x 1	-	-	#3	Zinc	2000	42	-	-



1/4" DIAMETER, 3/8" HEX WASHER HEAD

EDB935-I	1/4-14 x 3/4	-	-	#3	Zinc	3500	49	-	-
EDB935-I-100	1/4-14 x 3/4	-	-	#3	Zinc	100	1.4	1000	14
EDB936-I	1/4-14 x 3/4	Y	Y	#3	Stalgard®	3500	49	-	-
EDB945-I	1/4-14 x 1	-	-	#3	Zinc	3000	48	-	-
EDB945-I-050	1/4-14 x 1	-	-	#3	Zinc	50	0.8	500	8
EDB946-I	1/4-14 x 1	Y	-	#3	Stalgard®	3000	48	-	-
EDB955-I-050	1/4-14 x 1-1/4	-	-	#3	Zinc	50	0.95	500	9.5
EDB956-I	1/4-14 x 1-1/4	Y	-	#3	Stalgard®	2000	38	-	-
EDB960-I-050	1/4-14 x 1-1/2	-	-	#3	Zinc	50	1.1	500	11
EDB961-I	1/4-14 x 1-1/2	Y	-	#3	Stalgard®	2000	42	-	-
EDB965-I-050	1/4-14 x 1-3/4	-	-	#3	Zinc	50	1.3	500	13
EDB970-I	1/4-14 x 2	-	-	#3	Zinc	1500	39	-	-
EDB970-I-050	1/4-14 x 2	-	-	#3	Zinc	50	1.3	500	13
EDB971-I	1/4-14 x 2	Y	-	#3	Stalgard®	1500	45	-	-
EDB975-I-025	1/4-14 x 2-1/2	-	-	#3	Zinc	25	0.825	250	8.25
EDB976-I	1/4-14 x 2-1/2	Y	-	#3	Stalgard®	1000	30	-	-
EDB980-I-025	1/4-14 x 3	-	-	#3	Zinc	25	0.925	250	9.25
EDB981-I	1/4-14 x 3	Y	-	#3	Stalgard®	800	28	-	-
EDB983-I	1/4-14 x 4	Y	-	#3	Stalgard®	500	22	-	-

5/16" DIAMETER, 3/8" HEX WASHER HEAD

EDB990-I-010	5/16-18 x 1	-	-	#3	Zinc	10	0.3	100	3
EDB991-I	5/16-18 x 1	-	-	#3	Stalgard®	1000	30	-	-
EDB993-I-010	5/16-18 x 1-1/4	-	-	#3	Zinc	10	0.34	100	3.4
EDB994-I	5/16-18 x 1-1/4	-	-	#3	Stalgard®	1000	34	-	-
EDB997-I-010	5/16-18 x 1-1/2	-	-	#3	Zinc	10	0.37	100	3.7
EDB998-I	5/16-18 x 1-1/2	-	-	#3	Stalgard®	1000	37	-	-

Drilit® Drill Screws with Bonded Sealing Washers

Economical fasteners for applications requiring a weather-tight seal

This economical line of drill screws provides a weather-tight seal for protection against the elements.

Specifications

- Diameters: #8 to 1/4", Lengths: 3/4" to 4"
- Head Styles: Hex washer
- Drive System: Hex
- Point Types: #1 to #5
- Material: Carbon steel
- Finish: Stalgard® coating

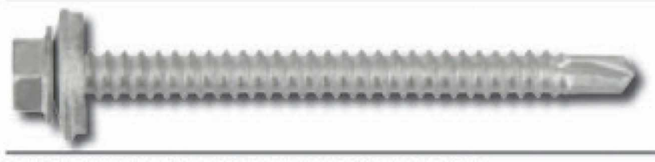
Features & Benefits

- ICC ESR-3294 available on some SKUs
- EPDM washer material is UV- and heat-resistant for long-term protection against leakage
- Stalgard coating provides 1000 hours of salt spray resistance (per ASTM B117)

Cat #	Description	ICC Appr.	FM Appr.	Point	Washer O.D.	Finish	Ctn Qty	Ctn Wt	Case Qty	Case Wt
#8 DIAMETER, 1/4" HEX WASHER HEAD										
EHL100-I-050	8-18 x 3/4	-	-	#2	1/2"	Zinc	50	0.6	500	6

#10 DIAMETER, 5/16" HEX WASHER HEAD

EHL111-I	10-16 x 3/4	Y	Y	#3	1/2"	Stalgard®	3000	40	-	-
EHL112-I-100	10-16 x 3/4	-	-	#3	1/2"	Zinc	100	1.1	1000	11
EHL115-I-100	10-16 x 1	-	-	#3	1/2"	Zinc	100	1.3	1000	13
EHL146-I	10-16 x 1-1/2	Y	-	#3	1/2"	Stalgard®	2000	28	-	-



#12 DIAMETER, 5/16" HEX WASHER HEAD

EHL160-I-100	12-14 x 3/4	-	-	#3	9/16"	Zinc	100	1.1	1000	11
EHL165-I	12-14 x 3/4	Y	Y	#3	9/16"	Stalgard®	3000	33	-	-
EHL351-I	12-24 x 7/8	Y	Y	#4	9/16"	Stalgard®	2500	30	-	-
EHL180-I-100	12-14 x 1	-	-	#3	9/16"	Zinc	100	1.2	1000	12
EHL181-I	12-14 x 1	Y	-	#3	9/16"	Stalgard®	2500	32.5	-	-
EHL234-I	12-14 x 1-1/4	-	-	#3	9/16"	Zinc	200	3.2	-	-
EHL235-I	12-14 x 1-1/4	Y	-	#3	9/16"	Stalgard®	2000	28	-	-
EHL371-I	12-24 x 1-1/4	Y	-	#4.5	9/16"	Stalgard®	2500	40	-	-
ECW725-I	12-24 x 1-1/4	Y	Y	#5	9/16"	Stalgard®	2500	35	-	-
ECW725-I-050	12-24 x 1-1/4	Y	Y	#5	9/16"	Stalgard®	50	0.7	500	7
EHL276-I	12-14 x 1-1/2	Y	-	#3	9/16"	Stalgard®	2000	34	-	-
ECW745-I	12-24 x 1-1/2	Y	Y	#5	9/16"	Stalgard®	2000	28	-	-
EHL280-I	12-14 x 2	Y	-	#3	9/16"	Stalgard®	1500	30	-	-
ECW755-I	12-24 x 2	Y	Y	#5	9/16"	Stalgard®	1000	20	-	-
EHL285-I	12-14 x 2-1/2	Y	-	#3	9/16"	Stalgard®	1000	23	-	-
EHL295-I	12-14 x 3	Y	-	#3	9/16"	Stalgard®	1000	27	-	-
EHL310-I	12-14 x 4	Y	-	#3	9/16"	Stalgard®	500	16.5	-	-
1/4" DIAMETER, 5/16" HEX WASHER HEAD										
EHK315-I	1/4-14 x 7/8	Y	-	#1	9/16"	Stalgard®	2500	32.5	-	-

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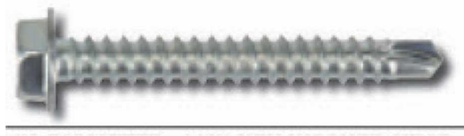
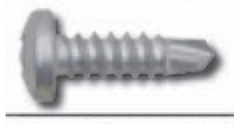


#8 DIAMETER, 1/4" HEX WASHER HEAD

Cat #	Description	ICC Appr.	FM Appr.	Point	Finish	Ctn Qty	Ctn Wt	Case Qty	Case Wt
EDA235-I	8-18 x 1/2	-	-	#2	Zinc	10000	32.19	-	-
EDA235-I-100	8-18 x 1/2	-	-	#2	Zinc	100	0.4	1000	4
EDA236-I	8-18 x 1/2	-	-	#2	Stalgard®	10000	40	-	-
EDA236-I-100	8-18 x 1/2	-	-	#2	Stalgard®	100	0.4	1000	4
EDA250-I-100	8-18 x 5/8	-	-	#2	Zinc	100	0.4	1000	4
EDA260-I	8-18 x 3/4	-	-	#2	Zinc	8000	40	-	-
EDA260-I-100	8-18 x 3/4	-	-	#2	Zinc	100	0.5	1000	5
EDA261-I	8-18 x 3/4	-	-	#2	Stalgard®	8000	40	-	-
EDA261-I-100	8-18 x 3/4	-	-	#2	Stalgard®	100	0.5	1000	5
EDA285-I-100	8-18 x 1	-	-	#2	Zinc	100	0.5	1000	5
EDA286-I	8-18 x 1	-	-	#2	Stalgard®	5000	25	-	-
EDA290-I-100	8-18 x 1-1/4	-	-	#2	Zinc	100	0.8	1000	8
EDA295-I-100	8-18 x 1-1/2	-	-	#2	Zinc	100	0.9	1000	9

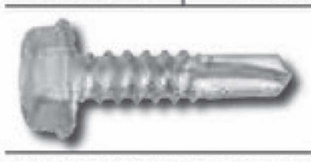


#8 DIAMETER, #2 PHILLIPS PAN HEAD

EDD251-I	8-18 x 1/2	-	-	#2	Stalgard®	10000	31.85	-	-
EDD251-I-100	8-18 x 1/2	-	-	#2	Stalgard®	100	3	1000	0.3
EDD266-I	8-18 x 3/4	-	-	#2	Stalgard®	10000	40	-	-
EDD291-I	8-18 x 1	-	-	#2	Stalgard®	8000	40	-	-

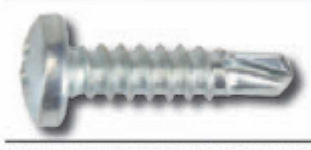
#10 DIAMETER, 5/16" HEX WASHER HEAD

EDA431-I-100	10-16 x 1/2	-	-	#2	Stalgard®	100	0.6	1000	6
EDB600-I-100	10-24 x 1/2	-	-	#2	Zinc	100	0.7	1000	7
EDB401-I	10-16 x 1/2	Y	-	#2	Stalgard®	5000	35	-	-
EDB401-I-100	10-16 x 1/2	Y	-	#2	Stalgard®	100	0.7	1000	7
EDB426-I	10-16 x 5/8	Y	-	#3	Stalgard®	6000	48	-	-
EDB426-I-100	10-16 x 5/8	Y	-	#3	Stalgard®	100	0.8	1000	8
EDC450-I	10-16 x 3/4	Y	Y	#1	Stalgard®	5000	40	-	-
EDC450-I-500	10-16 x 3/4	Y	Y	#1	Stalgard®	500	4	5000	40
EDB445-I-100	10-16 x 3/4	-	-	#3	Zinc	100	0.8	1000	8
EDB446-I	10-16 X 3/4	Y	Y	#3	Stalgard®	6000	42	-	-
EDB446-I-500	10-16 X 3/4	Y	Y	#3	Stalgard®	500	3.5	6000	42
EDB485-I	10-16 x 1	-	-	#3	Zinc	5000	45	-	-
EDB485-I-100	10-16 x 1	-	-	#3	Zinc	100	0.9	1000	9
EDB486-I	10-16 x 1	Y	-	#3	Stalgard®	5000	45	-	-
EDB486-I-100	10-16 x 1	Y	-	#3	Stalgard®	100	0.9	1000	9
EDB490-I-100	10-16 x 1-1/4	-	-	#3	Zinc	100	1	1000	10
EDB540-I	10-16 x 1-1/2	-	-	#3	Zinc	3000	36	-	-
EDB540-I-100	10-16 x 1-1/2	-	-	#3	Zinc	100	1.2	1000	12
EDB541-I	10-16 x 1-1/2	Y	-	#3	Stalgard®	3000	36	-	-
EDB541-I-100	10-16 x 1-1/2	Y	-	#3	Stalgard®	100	1.2	1000	12
EDB550-I-100	10-16 x 1-3/4	-	-	#3	Stalgard®	100	1.2	1000	12
EDB570-I-100	10-16 x 2	-	-	#3	Zinc	100	1.4	1000	14
EDB571-I	10-16 x 2	Y	-	#3	Stalgard®	2000	30	-	-
EDB580-I-025	10-16 x 3	-	-	#3	Zinc	25	0.45	250	4.5



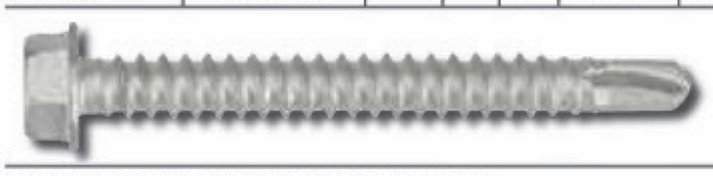
#10 DIAMETER, 5/16" HEX WASHER HEAD WITH SERRATIONS

EDC576-I-100	10-16 x 3/4	-	-	#3	Stalgard®	100	0.7	1000	7
EFC460-I	10-16 x 3/4	-	-	#3	Zinc	6000	36	-	-



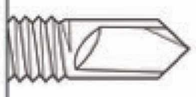
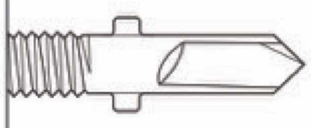
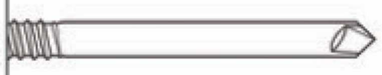
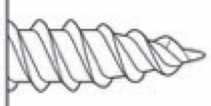
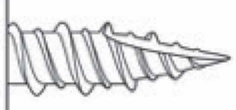
#10 DIAMETER, #2 PHILLIPS PAN HEAD

EDD475-I	10-16 x 3/4	-	-	#2	Stalgard®	6000	36	-	-
EDD501-I	10-16 x 1	-	-	#2	Zinc	5000	35	-	-



#12 DIAMETER, 5/16" HEX WASHER HEAD

EDC745-I	12-14 x 3/4	Y	-	#1	Stalgard®	5000	45	-	-
EDC745-I-500	12-14 x 3/4	Y	-	#1	Stalgard®	500	4.5	5000	45
EDB740-I	12-14 x 3/4	-	-	#3	Zinc	5000	45	-	-
EDB740-I-100	12-14 x 3/4	-	-	#3	Zinc	100	0.9	1000	9
EDB741-I	12-14 x 3/4	Y	Y	#3	Stalgard®	5000	45	-	-
EDB741-I-100	12-14 x 3/4	Y	Y	#3	Stalgard®	100	0.9	1000	9
EDB760-I	12-14 x 1	-	-	#3	Zinc	4000	44	-	-
EDB760-I-100	12-14 x 1	-	-	#3	Zinc	100	1.1	1000	11
EDB761-I	12-14 x 1	Y	-	#3	Stalgard®	4000	44	-	-
EDB761-I-100	12-14 x 1	Y	-	#3	Stalgard®	100	1.1	1000	11
EDB780-I-100	12-14 x 1-1/4	-	-	#3	Zinc	100	1.2	1000	12
EDB782-I	12-14 x 1-1/4	Y	-	#3	Stalgard®	3000	33	-	-

Screw Point Style		Uses	Product Line
Self-Drilling (#1, #2, #3, #4, #4.5, #5)		Metal connections	Drilit® / Architectural Roof Clip Fasteners Drilit® Flo-Seal® Drill Screws / Dril-Flex® / Bi-Flex® / Alumi-Flex®
Self-Drilling with Wings		Attaching wood or composite materials to metal	Drilit® Wood-to-Metal Bi-Flex® Wood-to-Metal
Self-Drilling with Pilot		Attaching wood or composite materials to light guage metal	Drilit® Wood-to-Metal
Pierce Point		Wood/ light guage metal applications	Architectural Roof Clip Fasteners
Type 17		Attaching light guage metal to wood	TapFast®

ELCO DRIL-FLEX SELF DRILLING FASTENERS

Cat #	Description	Pt.	Load-Bearing Area	Finish	Ctn Qty	Ctn Wt

#10 Diameter, 5/16" Hex Washer Head

EAF430	10-16 x 3/4"	#3	.380"	Stalgard SUB	6,000	48
EAF460	10-16 x 1-1/2"	#3	1.25"	Stalgard SUB	2,500	30
EAF470	10-16 x 2"	#3	1.50"	Stalgard SUB	2,000	28
EAF480	10-16 x 2-1/2"	#3	2.25"	Stalgard SUB	1,500	25

#10 Diameter, #2 Phillips Pan Head

EDX445	10-16 x 3/4"	#2	.380"	Stalgard	6,000	36

#10 Diameter, #2 Phillips Wafer Head

EBL530	10-24 x 1-1/4"	#3	.750"	Stalgard	5,000	44

#12 Diameter, 5/16" Hex Washer Head

EAF621*	12-14 x 7/8"	#3	.380"	Stalgard SUB	5,000	54
EAF641	12-14 x 1"	#3	.500"	Stalgard SUB	4,000	44
EAF661	12-14 x 1-1/4	#3	.750"	Stalgard SUB	2,500	36
EAF681	12-14 x 1-1/2"	#3	1.00"	Stalgard SUB	2,500	38
EAF690	12-14 x 2"	#3	1.50"	Stalgard SUB	2,000	37
EAF715	12-14 x 3"	#2	2.35"	Stalgard SUB	1,000	27
EAF755	12-24 x 1-3/4"	#5	.800"	Stalgard SUB	2,500	45

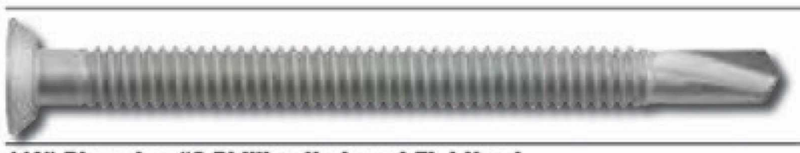
#12 Diameter, #3 Phillips Undercut Flat Head

EBL215	12-14 x 1"	#3	.500"	Stalgard	4,000	36
EBL220	12-14 x 1-1/4"	#3	.750	Stalgard SUB	3000	29
EBL223	12-14 x 1-1/2	#3	1.00"	Stalgard	2,500	26

1/4" Diameter, 3/8" Hex Washer Head

EAF816	1/4-14 x 1"	#3	.450"	Stalgard SUB	3,000	54
EAF841	1/4-14 x 1-1/2"	#3	.950"	Stalgard SUB	2,000	45
EAF876	1/4-20 x 1-1/2"	#4	.830"	Stalgard SUB	2,000	48
EAF846	1/4-14 x 2"	#3	1.45"	Stalgard SUB	1,500	41

EAF886	1/4-20 x 2"	#4	1.33"	Stalgard SUB	1,500	45
EAF865	1/4-20 x 1-1/8"	#4	.500"	Stalgard SUB	2,500	51
EAF888	1/4-20 x 1-3/4"	#5	.800"	Stalgard SUB	1,000	27
EAF890	1/4-20 x 2-1/2"	#4	1.83"	Stalgard SUB	1,000	45
EAF900	1/4-20 x 3-3/8"	#4	2.70"	Stalgard SUB	500	22
EAF910	1/4-20 x 4"	#4	3.50"	Stalgard SUB	500	23



1/4" Diameter, #3 Phillips Undercut Flat Head

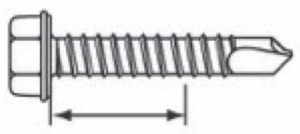
EBL330	1/4-20 x 3"	#4	2.50"	Stalgard	500	20
EBL340	1/4-20 x 4"	#4	3.50"	Stalgard	500	23

5/16" Diameter, 3/8" Hex Washer Head

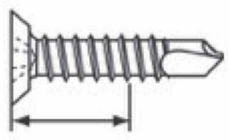
EAF940	5/16-18 x 1-1/2"	#3	.800"	Stalgard SUB	1,000	37
EAF960	5/16-24 x 1-1/2"	#4	.800"	Stalgard SUB	1,000	40
EAF970	5/16-24 x 2"	#4	1.25"	Stalgard SUB	1,000	43

* for aluminum applications only

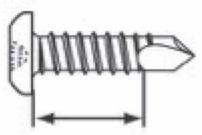
Load Bearing Area



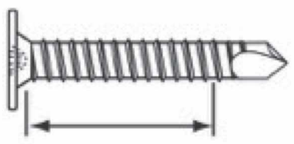
Hex Washer Head



Undercut Head



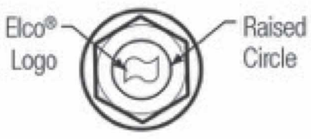
Pan Head



Wafer Head

Identification

(hex washer head shown)



Comparison to Stainless Steel Screws

Galvanic Series

Anodic End	
Metal / Alloy	**EMF(v)**
Magnesium	-1.60
Zinc	-1.10
Alum (5000, 6000, 7000)	-.75
Iron, Low Alloy Steels	-.70
Alum (2000)	-.60
Lead	-.55
18% Chromium Steel	-.35
Naval Brass	-.30
Brass, Bronze	-.25
Austenitic Stainless (300 Series)	-.20
Nickel	-.15
Silver	0
Gold	+15
Cathodic End	

300 series stainless steel fasteners provide high resistance to hydrogen embrittlement failures. However, stainless steel is galvanically incompatible with aluminum or steel panels. In this case, stainless steel fasteners trigger a sacrificial action, which can lead to degradation of the panel and loosening of the fastener.

A dual-hardening process allows Dril-Flex® fasteners to provide high strength and resistance to hydrogen embrittlement failures. Their Stalgard® finish provides corrosion resistance several times greater than other commonly-used finishes. If an environment is corrosive enough to significantly affect the Stalgard finish, the potential for significant degradation of the aluminum/stainless steel assembly would also exist.

Embrittlement Tests

Embrittlement testing of Dril-Flex screws was performed in accordance to ASTM F1624-06. Fastener lots were tested to determine their Threshold Stress Limits for both Internal Hydrogen Embrittlement and Environmental Hydrogen Embrittlement. Threshold Stress Limit is the stress level below which no time-dependent cracking will occur. Above this level, subcritical cracking that leads to time-delayed fracture or embrittlement may occur if the fastener is exposed to a hydrogen environment.

Embrittlement Test Results

- Dril-Flex fasteners have a hardness range of HRC 28 – 34, which is roughly equivalent to a SAE Grade 5 fastener (HRC 25 – 34).
- Dril-Flex fasteners showed resistance to the effect of hydrogen-assisted cracking when loaded to 75% of their tensile strength. This is within accepted industry guidelines for in-service loading conditions.
- Dril-Flex fasteners showed no degradation or failures in tensile strength below their ultimate tensile strength.

Cat #	Description	Finish	Ctn Qty	Ctn Wt

#12 Diameter Hex Washer Head

EAH630-I	12-14 x 3/4"	Stalgard GB	5,000	40
EAH650-I	12-14 x 1"	Stalgard GB	5,000	50
EAH680-I	12-14 x 1-1/2"	Stalgard GB	3,000	44

1/4" Diameter Hex Washer Head

EAH800-I	1/4-14 x 3/4"	Stalgard GB	3,500	51
EAH820-I	1/4-14 x 1"	Stalgard GB	3,000	48
EAH835-I	1/4-14 x 1-1/2"	Stalgard GB	2,000	41
EAH870-I	1/4-20 x 1"	Stalgard GB	2,000	35
EAH880-I	1/4-20 x 1-1/2"	Stalgard GB	2,000	42

1/4" Diameter, Undercut Flat Head

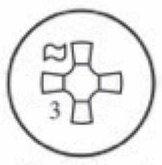
EBM260-I	1/4-14 x 1"	Stalgard GB	4,500	42

Note: For aluminum applications ONLY.

Identification

The head marking consists of the number "3" below the Elco® logo.

Hex Washer Head



Flat Head

COLA
(City of Los Angeles)
Report #25886

Bi-Flex® 300 Series Stainless Steel Bi-Metal Self-Drilling Screws

Bi-metal technology provides outstanding corrosion resistance and long service life

Bi-Flex® fasteners provide the corrosion resistance of 300 series stainless steel and the efficiency of drill screws.

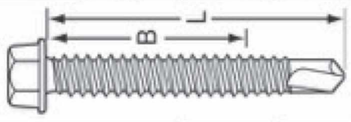
Specifications

- Diameters: #10 to 1/4"
- Lengths: 3/4" to 8"
- Drive Systems: Hex and phillips
- Material: Hardened steel tapping threads and point fused onto an 18-8 stainless steel shank and head
- Finish: Stalgard® GB (Galvanic Barrier) coating

Features & Benefits

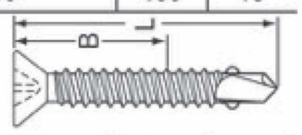
- High strength, ductility and reliability
- Virtually immune to delayed embrittlement failures
- Greater galvanic compatibility in dissimilar metal applications involving aluminum
- High in-place value over the life of application

Cat #	Dia. TPI	L Length	Drive System	Point Size	B Maximum Load-bearing Length*	Pcs per 1/4 Keg	Wt per 1/4 Keg



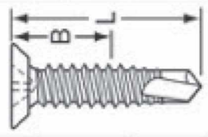
Hex Washer Head

EAJ100	8-18	3/4"	5/16" hex	2	0.32"	5,000	23
EAJ102	8-18	1"	5/16" hex	2	0.50"	5,000	27
EAJ110	10-16	3/4"	5/16" hex	2	0.32"	5,000	32
EAJ120	10-16	1"	5/16" hex	2	0.50"	5,000	46
EAJ140	10-16	1-1/2"	5/16" hex	2	1.10"	2,500	39
EAJ185	12-14	1"	5/16" hex	2	0.50"	3,000	31
EAJ215	12-14	1-1/2"	5/16" hex	2	1.00"	2,500	34
EAJ190	12-14	1"	5/16" hex	3	0.50"	4,000	41
EAJ200	12-14	1-1/4"	5/16" hex	3	0.750"	2,500	36
EAJ220	12-14	1-1/2"	5/16" hex	3	1.00"	2,500	34
EAJ260	12-14	2-1/2"	5/16" hex	3	2.00"	1,000	21
EAJ240	12-14	2"	5/16" hex	2	1.50"	1,500	26
EAJ320	12-24	1-1/2	5/16" hex	5	0.60"	2,500	40
EAJ340	12-24	2"	5/16" hex	5	1.10"	2,000	35
EAJ415	1/4-14	1"	3/8" hex	2	0.50"	2,500	40
EAJ430	1/4-14	1-1/2"	3/8" hex	2	1.00"	1,000	30
EAJ445	1/4-14	2"	3/8" hex	2	1.50"	1,500	25
EAJ540	1/4-20	1"	3/8" hex	3	0.50"	2,500	40
EAJ580	1/4-20	1-1/2"	3/8" hex	3	1.00"	1,000	32
EAJ600	1/4-20	1-1/2"	3/8" hex	5	0.60"	1,000	32
EAJ610	1/4-20	2"	3/8" hex	3	1.50"	1,500	38
EAJ615	1/4-20	2"	3/8" hex	5	1.10"	1,500	38
EAJ640	1/4-20	2-1/2"	3/8" hex	3	2.00"	1,000	32
EAJ650	1/4-20	3"	3/8" hex	3	2.50"	500	18
EAJ630	1/4-20	3"	3/8" hex	5	2.10"	500	18
EAJ660	1/4-20	4"	3/8" hex	3	3.50"	500	22
EAJ670	1/4-20	4"	3/8" hex	5	3.10"	500	23
EAJ675	1/4-20	5"	3/8" hex	5	4.10"	250	16
EAJ680	1/4-20	6"	3/8" hex	5	5.10"	250	18
EAJ690C	1/4-20	8"	3/8" hex	5	7.10"	150	15



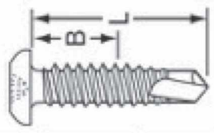
Flat Head Reamers w/wings

EBN140	10-16	1-1/2"	#2 phillips	3	0.800"	3,500	30
EBN345	12-24	2-13/16"	#3 phillips	5	1.710"	1,000	21
EBN645	1/4-20	2-13/16"	#3 phillips	5	1.710"	1,000	28



Flat Head Undercut

EBN200	12-14	1"	#3 phillips	2	0.500"	4,000	31
EBN220	12-14	1-1/4"	#3 phillips	2	.7500"	2,500	29
EBN240	12-14	1-1/2"	#3 phillips	2	1.00"	2,500	29
EBN630	1/4-20	3"	#3 phillips	2	2.500"	500	18
EBN640	1/4-20	4"	#3 phillips	2	3.500"	500	22



Pan Head

EAX100	8-18	3/4"	#2 phillips	2	0.320"	5,000	22
EAX102	8-18	1"	#2 phillips	2	0.500"	5,000	27
EAX110	10-16	3/4"	#2 phillips	2	0.320"	5,000	30
EAX120	10-16	1"	#2 phillips	2	0.500"	5,000	37

6/15/24 12:50 PM

TEKS® SELF-DRILLING FASTENERS

ITW Buildex

Preferred most by electrical, decking, HVAC and metal building contractors

- Unique point to thread design extrudes the metal, preventing stripout
- Climaseal® finish provides excellent corrosion resistance and lower tapping torque
- 10-16 Screw, 1"
- Hex Head

#10 DIAMETER – LIGHT TO MED. GAUGE – CLIMASEAL FINISH

PRODUCT NO.	SIZE	HEAD STYLE	DRILL PT.	BULK QTY.	WEIGHT
1127000	10-16 X 5/8"	HEX WASHER	#3	5M	32.1 LBS.
1128000	10-16 X 3/4"	HWH-SERRATED	#3	5M	34.6 LBS.
1129000	10-16 X 1"	HEX WASHER	#3	5M	41.6 LBS.
1131000	10-16 X 1-1/2"	HEX WASHER	#3	3M	33.3 LBS.

#10 DIAMETER

PRODUCT NO.	SIZE	HEAD STYLE	DRILL PT.	BULK QTY.	WEIGHT
1058H2SER	#10-24 X 5/8"	HEX WASHER	#10	2.5M	32.06 LBS.

#12 DIAMETER - MEDIUM GAUGE - CLIMASEAL® FINISH

PRODUCT NO.	SIZE	HEAD STYLE	DRILL PT.	BULK QTY.	WEIGHT
1140000	12-14 X 2"	HEX WASHER	#3	2M	33.5 LBS.
1553000	12-14 X 2-1/2"	HEX WASHER	#3	1M	19.9 LBS.
1143000	12-14 X 3"	HEX WASHER	#3	1M	23.5 LBS.

#14 DIAMETER - MEDIUM GAUGE - CLIMASEAL® FINISH

PRODUCT NO.	SIZE	HEAD STYLE	DRILL PT.	BULK QTY.	WEIGHT
1149000	1/4-14 X 1"	HEX WASHER	#3	2.5M	38.2 LBS.
1152000	1/4-14 X 1-1/2"	HEX WASHER	#3	2M	39.9 LBS.
1155000	1/4-14 X 2"	HEX WASHER	#3	1.5M	37.0 LBS.
1554000	1/4-14 X 2-1/2"	HEX WASHER	#3	1M	29.3 LBS.
1157000	1/4-14 X 3"	HEX WASHER	#3	1M	33.9 LBS.

TEKS® – HEAVY DUTY

Fast drilling and smooth tapping with less effort

- Climaseal® finish provides excellent corrosion resistance and lower tapping torque
- Attachments up to 7.2" of material including 1/2" steel

#12 DIAMETER – HEAVY GAUGE – CLIMASEAL FINISH

PRODUCT NO.	SIZE	POINT TYPE	BULK QTY.	WEIGHT
1414000	12-24 X 1-1/4"	#4.5	4M	52.6 LBS.
1006000	12-24 X 1-1/4"	#5	4M	48.9 LBS.
1070000	12-24 X 1-1/2"	#5	2.5M	36.59 LBS.
1074000	1/4"- 28 X 3"	#5	1M	33.1 LBS.

TEKS® – WITH BONDED WASHER

ITW Buildex

For weather-tight sealing of roof and wall applications

- Vulcanized bonding of washer eliminates separation of EPDM from the metal backing
- Climaseal® finish provides excellent corrosion resistance and lower tapping torque

TEKS® WITH 9/16" BONDED WASHER – CLIMASEAL FINISH

PRODUCT NO.	SIZE	HEAD STYLE	POINT TYPE	BULK QTY.	WEIGHT
1308000	10-16 X 1-1/2"	HEX WASHER	#3	2.5M	33.0 LBS.
1016000	12-14 X 2"	HEX WASHER	#3	1.5M	28.2 LBS.

TEKS® – WOOD-TO-METAL FASTENERS

ITW Buildex

No pre-drilling, fast, efficient attachment of wood to steel

- Special winged fasteners ream a hole in wood preventing thread engagement during drilling
- Applications: Plywood roof and floor sheet to steel frames, 2x4 headers to steel frames, plywood fascia to steel frames, wood mansard to steel frames

#12 DIAMETER – WOOD TO METAL – GRAY SPEX™

PRODUCT NO.	SIZE	HEAD STYLE	DRILL PT.	BULK QTY.	WEIGHT
1072000	12-24 X 2"	PHILLIPS FLAT	#5	2M	37.3 LBS.
1092000	12-24 X 2-1/4"	PHILLIPS FLAT	#4	2M	36.3 LBS.
1094000	12-24 X 2-3/4"	PHILLIPS FLAT	#4	1.5M	34.2 LBS.

TRUGRIP® METAL-TO-WOOD FASTENERS

ITW Buildex

Designed for stitching metal roof and metal wall panels and attachment to wood structures

- Vulcanized bonding of washer eliminates separation of EPDM from metal backing
- Climaseal® long life finish resists corrosive elements in wood

PRODUCT NO.	SIZE	HEAD STYLE	BULK QTY.	WEIGHT
1264000	9-15 X 1-1/2"	HEX WASHER	2.5M	24.2 LBS.

TEKS® WITH WINGS WOOD-TO-METAL SELF-DRILLING SCREWS

ITW Buildex

Engages material faster, drills with less effort, safer installation

- Non walking, cutting edges, pigtail reduction
- Prevents thread engagement in fastened wood while drilling
- No need to switch drives; saves time
- Provides excellent corrosion resistance

PRODUCT NO.	HEAD TYPE	BULK QTY.	WEIGHT
1096000	1/4-20 X 3"	1000	29.51 LBS.

DEC-KING® EXTERIOR WOOD SCREWS

ITW Buildex

Outperforms all zinc-based platings in treated wood

- Coated with Climacoat® for maximum resistance to corrosion, staining and streaking inside the lumber and on the deck
- Eliminates wood splitting, nail pops, hammer marks, and bent nails

WOOD-TO-WOOD – CLIMACOAT FINISH

PRODUCT NO.	SIZE	BULK QTY.	WEIGHT
2141500	#8 X 3"	2M	22.9 LBS.

MADE IN THE USA WITH GLOBAL MATERIALS

Tap-Flex™ Thread-Forming Structural Screws

Increased thread engagement with strength and ductility

Feature a unique thread profile to ease installation and increase performance.

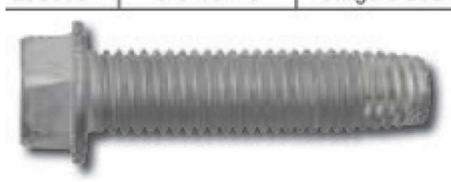
Specifications

- Diameters: 3/8", 1/2", and 5/8"
- Head Style: Hex washer
- Threads: E-Form® five-lobe thread forming
- Material: Alloy steel,Finish: Silver Stalgard® SUB coating
- Heat Treat: Grade 5; meets ASTM A449 specifications (120 KSI strength)

Features and Benefits

- E-Form thread overcomes friction build-up and reduces drive torque
- Roll forms own work-hardened thread to resist loosening and provide enhanced pull-out values
- Virtually immune to delayed embrittlement failures
- Stalgard SUB coating provides 2000 hours of salt spray resistance (per ASTM B117)

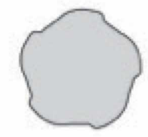
Cat #	Size	Finish	Seating Torque	Drill Bit Size	Load-Bearing Length	Qty	Wt
3/8" Diameter, Hex Washer Head							
ESU310	3/8-16 x 1-1/2	Stalgard SUB	31 ft.lb.	11/32	1.00"	500	34
ESU320	3/8-16 x 2	Stalgard SUB	31 ft.lb.	11/32	1.49"	500	40
ESU330	3/8-16 x 2-1/2	Stalgard SUB	31 ft.lb.	11/32	1.99"	500	46
ESU340	3/8-16 x 3	Stalgard SUB	31 ft.lb.	11/32	2.49"	250	26
ESU350	3/8-16 x 4	Stalgard SUB	31 ft.lb.	11/32	3.49"	250	32
ESU360	3/8-16 x 5	Stalgard SUB	31 ft.lb.	11/32	4.49"	150	23



1/2" Diameter, Hex Washer Head							
ESU410	1/2-13 x 1-1/2	Stalgard SUB	75 ft.lb.	15/32	0.875"	250	36
ESU420	1/2-13 x 2	Stalgard SUB	75 ft.lb.	15/32	1.365"	250	41
ESU430	1/2-13 x 2-1/2	Stalgard SUB	75 ft.lb.	15/32	1.865"	250	47
ESU440	1/2-13 x 3	Stalgard SUB	75 ft.lb.	15/32	2.37"	150	32
ESU450	1/2-13 x 4	Stalgard SUB	75 ft.lb.	15/32	3.37"	100	26
ESU460	1/2-13 x 5	Stalgard SUB	75 ft.lb.	15/32	4.37"	100	30
5/8" Diameter, Hex Washer Head							
ESU510	5/8-11 x 1-1/2	Stalgard SUB	150 ft.lb.	19/32	0.800"	250	46
ESU520	5/8-11 x 2	Stalgard SUB	150 ft.lb.	19/32	1.24"	150	33
ESU530	5/8-11 x 2-1/2	Stalgard SUB	150 ft.lb.	19/32	1.74"	150	38
ESU540	5/8-11 x 3	Stalgard SUB	150 ft.lb.	19/32	2.24"	100	29
ESU550	5/8-11 x 4	Stalgard SUB	150 ft.lb.	19/32	3.24"	50	18
ESU560	5/8-11 x 5	Stalgard SUB	150 ft.lb.	19/32	4.24"	50	22

Identification

E-Form® Profile



Alumi-Flex™ 302 (18-8) Stainless Steel Drill Screws

For fastening to aluminum when corrosion and galvanic reaction are a primary concern

Stainless steel drill screws provide strength and corrosion resistance in a variety of aluminum applications.

Specifications

- Diameters: #10 to 1/4"
- Lengths: 1/2" to 1-1/2"
- Head Style: Hex washer
- Drive System: Hex
- Point Types: #3 and #4
- Material: 302 stainless steel
- Finish: Stalgard® GB (Galvanic Barrier) coating

Features & Benefits

- Provides a very high level of corrosion resistance
- Coating allows greater galvanic compatibility in dissimilar metal applications involving aluminum
- Head marked with a "3" for easy identification

Cat #	Description	Finish	Ctn Qty	Ctn Wt
#10 Diameter Hex Washer Head				
EAH430-I	10-16 x 1/2"	Stalgard GB	8,000	41
EAH445-I	10-16 x 3/4"	Stalgard GB	6,000	39
EAH460-I	10-16 x 1"	Stalgard GB	5,000	45
#10 Diameter, Undercut Flat Head				
EBM160-I	10-16 x 3/4"	Stalgard GB	10,000	44

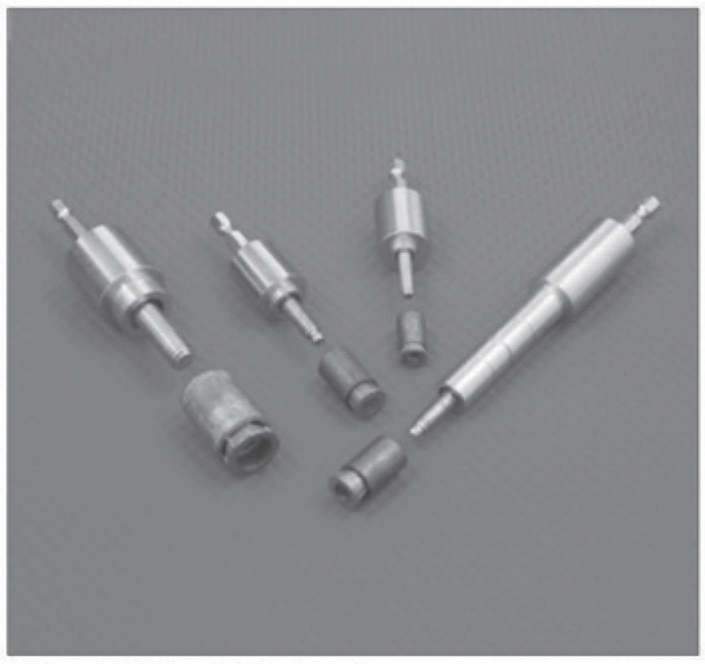
Drive & Head Styles	HWH Hex Washer Head	TFH Phillips Trimfit Flat Head	PFH Phillips Flat Head
Drive	3/8" Hex	#3 Bit Drive	#3 Bit Drive
Washer Face Dia.	0.520"	NA	NA
Head Dia.		0.400"	0.460"
Head Height	0.240"	0.158"	0.210"
Flare	-	80°	80°

Cat #	Length	Drive Size	Drill Bit Size	Box Qty*	Box Wt
#14 Diameter, Hex Washer Head - Stalgard® SUB Silver (2,000 Hour)					
EMR155	1-3/4"	3/8" hex	7/32"	1,000	36
EMR165	2-1/4"	3/8" hex	7/32"	1,000	30
EMR175	2-3/4"	3/8" hex	7/32"	800	25
EMR185	3-1/4"	3/8" hex	7/32"	500	23
EMR195	3-3/4"	3/8" hex	7/32"	500	21
#14 Phillips Flat Head - Silver Stalgard® (1,000 Hr)					
EMR110	1-3/4"	#3 Phillips	7/32"	2,000	44
EMR120	2-1/4"	#3 Phillips	7/32"	1,500	35
EMR130	2-3/4"	#3 Phillips	7/32"	1,000	30
EMR140	3-1/4"	#3 Phillips	7/32"	1,000	26
EMR150	3-3/4"	#3 Phillips	7/32"	500	23
#14 TrimFit Flat Head - Silver Stalgard® (1,000 Hr)					
EMR113	1-3/4"	#3 Phillips	7/32"	2,000	51
EMR123	2-1/4"	#3 Phillips	7/32"	1,500	40
EMR133	2-3/4"	#3 Phillips	7/32"	1,000	31
EMR143	3-1/4"	#3 Phillips	7/32"	1,000	27
EMR153	3-3/4"	#3 Phillips	7/32"	500	25
#14 TrimFit Flat Head - White Stalgard® (1,000 Hr)					
EMR124	2-1/4"	#3 Phillips	7/32"	1,500	40
EMR134	2-3/4"	#3 Phillips	7/32"	1,000	33
EMR144	3-1/4"	#3 Phillips	7/32"	1,000	27

Note: Length measured under head for hex head anchors, total length for flat head and trim flat head anchors. See diagram above.

Masonry Drill Bits

Drill Bit	Drill Diameter	Overall Length	Usable Bit Length	Drill Bit Shank Type
EMC100	7/32" ANSI	4-1/2"	2-3/4"	Tanged
EMC110		5-1/2"	4"	
EMC130		7"	4"	Hex SDS



RapidSet® Tools

The fastest, easiest and most reliable way to install machine screw anchors

Efficient RapidSet® tools eliminate clumsy hammer and -setting processes or expensive, slow expander tools.*

Specifications

- For machine screw anchor sizes #10, 1/4" and 3/8"
- Designed for use with power tools, including battery impact drivers
- MAXX model allows placement of 1/4" anchors at various depths (up to 2") below the surface

Features & Benefits

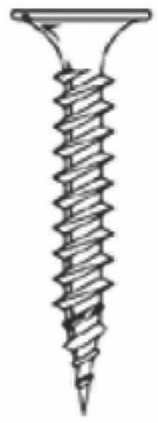
- Power tool does all the work – no pounding with setting tools
- Automatically sets anchor just below the surface
- Maximizes expansion of bottom portion of lead sleeve, which results in consistently high pull-out values

Cat #	For Insert-Anchor Size
Standard RapidSet tool	
EZB790	#10-24
EZB800	1/4-20
EZB820	3/8-16
RapidSet MAXX tool	
EZB810	1/4-20
Repair Kits	
EZB811	Repair Kit for EZB810 (Rapidset MAXX Tool)
EZB801	Repair Kit for EZB800 (Rapidset Tool for 1/4-20 Inserts)

* Note: RapidSet tools draw the anchor's internal insert up into the anchor's outer sleeve; this installation process eliminates the need to maintain a back bearing surface (required by hammer setting tools).

STANLEY_SUPPLY.indd 38-39

FINE THREAD SHARP

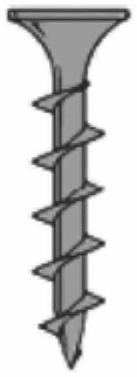


Multi-purpose screw used for fastening drywall to 20-25 gauge metal studs. Phil. Recess.

- Twin Lead point for increased holding and faster penetration
- Available in Black Phosphate or Zinc Coating

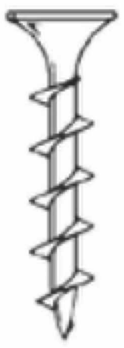
Size	Part No.	Qty/Box	Approx. Wt/Box
6 x 1"	SS100X	10m	29 lbs
6 x 1-1/8"	SS118X	10m	34 lbs
6 x 1-1/4"	SS114X	8m	30 lbs
6 x 1-5/8"	SS158X	5m	22 lbs
6 x 2"	SS200X	3.5m	19 lbs
6 x 2-1/4"	SS214	3m	22 lbs
8 x 2-1/2"	SS212X	2.5m	22 lbs
8 x 3"	SS300X	2m	21 lbs
10 x 3-1/2"	SS312	1.5m	27 lbs
10 x 4"	SS400	1m	32 lbs
10 x 5"	SS500	1m	27 lbs
10 x 6"	SS600	1m	29 lbs

E-COAT ACQ APPROVED



Size	Part No.	Qty/Box	Approx. Wt/Box
Sq Bugle Head Coarse			
6 x 1-5/8"	CS158ECT	5m	25 lbs
7 x 2"	CS200ECT	3.5m	23 lbs
8 x 2-1/2"	CS212ECT	2.5m	23 lbs
8 x3"	CS300ECT	2m	22 lbs
Ph Bugle Head Self-Drill			
6 x 1-1/4"	SD114GR3	8m	33 lbs
6 x 1-5/8"	SD158ECT	5m	26 lbs
6 x 1-7/8"	SD178ECT	3m	32 lbs
8 x 2-5/8"	SD258ECT	2.5m	24 lbs
8 x 3"	SD300ECT	2m	27 lbs
10 x 3-1/2"	SD312ECT	1m	24 lbs
10 x 4"	SD400ECT	1m	22 lbs
10 x 5"	SD500ECT	0.5m	20 lbs
10 x 6"	SD600ECT	0.5m	18 lbs
HWH W/ Neoprene Washer			
10 x 1-1/2"	WHD10112ECT	4m	31 lbs
Thin Wafer Metal w/Wings			
10 x 1-7/16"	1024176ECT	4m	38 lbs

COARSE THREAD



The Most complete line of coarse thread drywall screws. Used in many applications, wood to wood, drywall to wood, cabinet installation, and outdoor wood decks. Phil. Recess.

- Available in Black Phosphate, Zinc, Or Zinc Yellow.

Size	Part No.	Qty/Box	Approx. Wt/Box
6 x 1"	C100BX	10m	30 lbs
6 x 1-1/8"	C118BX	10m	34 lbs
6 x 1-1/4"	C114BX	8m	28 lbs
6 x 1-5/8"	C158BX	5m	21 lbs
6 x 2"	C200BX	3.5m	18 lbs
6 x 2-1/4"	C214	3m	20 lbs
8 x 2-1/2"	C212BX	2.5m	22 lbs
8 x 3"	C300BX	2m	21 lbs
10 x 3-1/2"	C312B	1.5m	27 lbs
10 x 4"	C400B	1m	20 lbs
10 x 5"	C500B	1m	26 lbs
10 x 6"	C600B	1m	31 lbs

PAN FRAMING SHARP

- For attaching steel studs to steel track up to 20 gauge.
- Serrations under head to prevent Spinning

Size	Part No.	Qty/Box	Approx. Wt/Box
7 x 7/16"	SS7716XB	15m	38 lbs

PAN FRAMING SELF-DRILL

- For attaching steel track to 14-20 gauge metal studs.
- Also available in Black Phosphate.

Size	Part No.	Qty/Box	Approx. Wt/Box
7 x 7/16"	SD7716Z	15m	44 lbs

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BUGLE HEAD SELF-DRILL

Used for fastening drywall to 14-20 gauge metal studs. POSI-GRIP drill point provides easier cutting and faster penetration. Also available in Black Phosphate.

Size	Part No.	Qty/Box	Approx. Wt/Box
6 x 1"	SD100Z	10m	29 lbs
6 x 1-1/8"	SD118Z	10m	35 lbs
6 x 1-1/4"	SD114Z	8m	33 lbs
6 x 1-5/8"	SD158Z	5m	24 lbs
6 x 1-7/8"	SD178Z	4m	23 lbs
6 x 2-3/8"	SD238Z	3m	28 lbs
8 x 2-5/8"	SD258Z	2.5m	25 lbs
8 x 3"	SD300Z	2m	23 lbs
10 x 3-1/2"	SD312Z	1m	18 lbs
10 x 4"	SD400Z	0.75m	15 lbs

TRIM HEAD SHARP

For attaching wood trim and base to metal studs; Square Drive.

Size	Part No.	Qty/Box	Approx. Wt/Box
6 x 1"	TS100	10m	29 lbs
6 x 1-5/8"	TS158	5m	19 lbs
6 x 2-1/4"	TS214	3m	16 lbs
8 x 3"	TS300	2m	21 lbs

TRIM HEAD SELF-DRILL

Used for attaching wood trim or base to 14-20 gauge metal studs. Zinc coating. Square Drive.

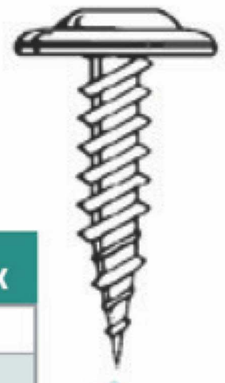
Size	Part No.	Qty/Box	Approx. Wt/Box
6 x 1"	TSD100Z	10m	30 lbs
7 x 1-5/8"	TSD158Z	5m	30 lbs
7 x 2-1/4"	TSD214Z	3m	27 lbs
8 x 3"	TSD300Z	2m	23 lbs

LAMINATING SCREW

A temporary fastener for attaching drywall to drywall. Phil. Recess.

Size	Part No.	Qty/Box	Approx. Wt/Box
10 x 1/2"	L112	5m	38 lbs

WAFER LATH SHARP



For attaching metal lath or k-lath to metal studs 20 to 25 gauge. Zinc finish, phil. Recess. 9/16" also available in Black Phosphate

Size	Part No.	Qty/Box	Approx. Wt/Box
8 x 9/16"	W916Z	10m	37 lbs
8 x 1/2"	W012Z	10m	34 lbs
8 x 3/4"	W034Z	8m	31 lbs
8 x 1"	W100Z	5m	23 lbs
8 x 1-1/4"	W114Z	3.5m	31 lbs
8 x 1-5/8"	W158Z	4m	32 lbs
8 x 2"	W200Z	2.5m	22 lbs
8 x 2-1/2"	W212Z	2.5m	27 lbs
8 x 3"	W300Z	2m	25 lbs

WAFER LATH SELF-DRILL

For attaching metal lath to heavy gauge (14-20) metal studs. Zinc plated, Phil drive.

Size	Part No.	Qty/Box	Approx. Wt/Box
8 x 1/2"	WD012Z	10m	37 lbs
8 x 9/16"	WD916Z	10m	37 lbs
8 x 3/4"	WD034Z	8m	33 lbs
8 x 1"	WD100Z	5m	26 lbs
8 x 1-1/4"	WD114Z	5m	32 lbs
8 x 1-5/8"	WD158Z	4m	31 lbs
8 x 1-7/8"	WD178Z	2.5m	31 lbs
8 x 2-1/2"	WD212Z	2.5m	26 lbs
8 x 3"	WD300Z	2m	25 lbs
10 x 3/4"	WD10034Z	7m	40 lbs

CEMENT BOARD SCREWS

For attaching cement board to 14-20 gauge metal studs. Special exterior coating provides over 500 salt spray hours.

Size	Part No.	Qty/Box	Approx. Wt/Box
Self-Drill			
8 x 1-1/4"	DR114	5m	38 lbs
8 x 1-5/8"	DR158	4m	27 lbs
8 x 2-1/4"	DR214	2m	22 lbs
Sharp Point			
8 x 1-1/4"	SR114	5m	34 lbs
8 x 1-5/8"	SR158	4m	23 lbs
8 x 2-1/4"	SR214	2m	20 lbs

HEX WASHER HEAD SELF-DRILL

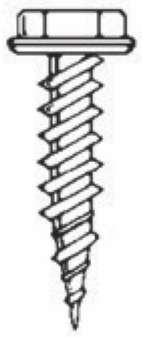
Attaches back up plates, fixtures, door frames, and lathers channel to structural studs, and metal decks up to 12 gauge. Zinc finish.

Screw Diameter	Min. Tension	Min. Tortional	Avg. Shear	Avg. Pull out
6	1150	25	840	670
8 10	1575 2100 2350	42 61 65	1055 1496	705 786
12	2800 3250	92 100	2015	842
14	3850 4275	150 168	2585	910

Specifications apply to most STAR and POSI-GRIP screws. Tested in .16 metal.

Size	Part No.	Qty/ Box	Approx. Wt/Box	Point No.	Max. Drill Cap.
6 x 1/2"	HD6012	15m	36 lbs	2	0.104
6 x 3/4"	HD6034	10m	31 lbs	2	0.104
8 x 1/2"	HD8012	10m	29 lbs	2	0.104
8 x 5/8"	HD8058	10m	37 lbs	2	0.104
8 x 3/4"	HD8034	10m	40 lbs	2	0.104
8 x 1"	HD8100	7.5m	37 lbs	2	0.104
8 x 1-1/4"	HD8114	5m	32 lbs	2	0.104
8 x 1-1/2"	HD8112	5m	35 lbs	2	0.104
8 x 2"	HD8200	3m	28 lbs	2	0.104
10 x 1/2"	HD10012	10m	46 lbs	2	0.110
10 x 5/8"	HD10058	7.5m	41 lbs	3	0.179
10 x 3/4"	HD10034	7m	41 lbs	3	0.179
10 x 3/4"	HD10034S	5m	36 lbs	3	0.179
10 x 1"	HD10100	5m	35 lbs	3	0.179
10 x 1-1/4"	HD10114	3.5m	31 lbs	3	0.179
10 x 1-1/2"	HD10112	3m	29 lbs	3	0.179
10 x 1-1/2"	HD10112BT	3m	28 lbs	3	0.179
10 x 2"	HD10200	2m	24 lbs	3	0.179
10 x 3"	HD10300	1.5m	23 lbs	3	0.179
12 x 3/4"	HD12034	5m	37 lbs	3	0.220
12 x 1"	HD12100	3.5m	32 lbs	3	0.220
12 x 1-1/4"	HD12114	3.5m	38 lbs	3	0.220
12 x 1-1/2"	HD12112	2.5m	32 lbs	3	0.220
12 x 2"	HD12200	2m	33 lbs	3	0.220
12 x 2-1/2"	HD12212	1m	18 lbs	3	0.220
12 x 3"	HD12300	1m	23 lbs	3	0.220
14 x 3/4"	HD14034	3.5m	40 lbs	3	0.250
14 x 1"	HD14100	2.5m	35 lbs	3	0.250
14 x 1-1/4"	HD14114	2m	33 lbs	3	0.250
14 x 1-1/2"	HD14112	2m	38 lbs	3	0.250
14 x 2"	HD14200	1.5m	33 lbs	3	0.250
14 x 2-1/2"	HD14212	1m	28 lbs	3	0.250
14 x 3"	HD14300	1m	33 lbs	3	0.250
14 x 4"	HD14400	0.5m	19 lbs	3	0.250
14 x 5"	HD14500	0.5m	27 lbs	3	0.250

SELF-PIERCING SLOTTED HEX WASHER HEAD NEEDLE POINT

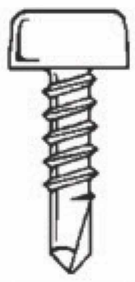


Used in light metal assembly such as electrical outlets, framing, and various other sheet metal applications. Slotted head. Zinc plated.

- Extra sharp point for faster penetration

Size	Part No.	Qty/Box	Approx. Wt/Box
8 x 1/2"	HSS8012	10m	28 lbs
8 x 3/4"	HSS8034	10m	41 lbs
8 x 1"	HSS8100	8m	37 lbs
8 x 1-1/4"	HSS8114	6m	34 lbs
8 x 1-1/2"	HSS8112	5m	33 lbs
8 x 2"	HSS8200	3m	25 lbs
10 x 1/2"	HSS10012	10m	44 lbs
10 x 3/4"	HSS10034	6m	32 lbs
10 x 1"	HSS10100	5m	34 lbs
10 x 1-1/2"	HSS10112	3m	26 lbs
10 x 2"	HSS10200	2m	24 lbs

PAN HEAD SELF-DRILL



Attaching steel strapping (bridging) or furring channel to steel joist.

- Zinc finish. Phillips recess.

Size	Part No.	Qty/ Box	Approx. Wt/Box	Point No.	Max. Drill Cap.
6 x 3/8"	PD6038	10m	16 lbs	2	0.104
6 x 1/2"	PD6012	15m	31 lbs	2	0.104
6 x 5/8"	PD6058	10m	24 lbs	2	0.104
6 x 3/4"	PD6034	10m	29 lbs	2	0.104
6 x 1"	PD6100	10m	35 lbs	2	0.104
8 x 1/2"	PD8012	10m	31 lbs	2	0.104
8 x 5/8"	PD8058	10m	39 lbs	2	0.104
8 x 3/4"	PD8034	10m	40 lbs	2	0.104
8 x 1"	PD8100	7.5m	37 lbs	2	0.104
8 x 1-1/4"	PD8114	5m	33 lbs	2	0.104
8 x 1-1/2"	PD8112	5m	36 lbs	2	0.104
8 x 2"	PD8200	3m	28 lbs	2	0.104
10 x 1/2"	PD10012	10m	47 lbs	2	0.110
10 x 5/8"	PD10058	8m	39 lbs	3	0.179
10 x 5/8"	PD10058FH	7.5m	39 lbs	3	0.179
10 x 3/4"	PD10034	7.5m	44 lbs	3	0.179
10 x 1"	PD10100	5m	38 lbs	3	0.179
10 x 1-1/4"	PD10114	3.5m	32 lbs	3	0.179
10 x 1-1/2"	PD10112	3m	29 lbs	3	0.179

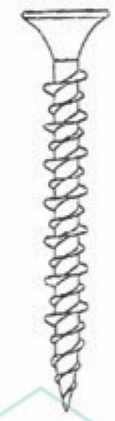
HEX HEAD SELF-DRILL

Use a #4 point for metal to steel applications up to 3/8" thick. #5 point for metal to steel up to 1/2" thick.

Size	Part No.	Qty/ Box	Approx. Wt/Box	Max. Drill Cap.
12-24 x 7/8"	1224078	5m	43 lbs	0.375
12-24 x 1-1/4"	1224114	4m	43 lbs	0.500
12-24 x 1-1/2"	1224112	2m	28 lbs	0.500
12-24 x 2"	1224200	2m	35 lbs	0.500

HI-LO SCREWS

For wood and light gauge metal

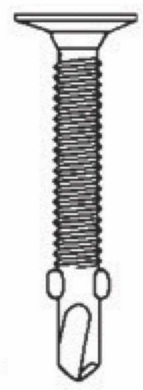


Size	Part No.	Qty/Box	Approx. Wt/Box
6 x 1-1/4"	HL114	8m	30 lbs
6 x 1-5/8"	HL158	5m	22 lbs
6 x 2"	HL200	3.5m	19 lbs
6 x 2-1/4"	HL214	3m	22 lbs
8 x 2-1/2"	HL212	2.5m	23 lbs
8 x 3"	HL300	2m	22 lbs

PHIL FLAT SELF-DRILL WITH WINGS

For attaching wood to heavy gauge metal.

- Zinc plated #3 Phil. Recess.
- With shank slot and wings, #4 point.



Size	Part No.	Qty/ Box	Approx. Wt/Box	Max. Drill Cap.
12-24 x 2"	FD12200	2m	31 lbs	0.375
12-24 x 2-1/2"	FD12212	1.5m	28 lbs	0.375
14-20 x 2-3/4"	FD14234	1m	26 lbs	0.375
14-20 x 3"	FD14300	1m	30 lbs	0.375
14-20 x 3-1/4"	FD14314	0.9m	30 lbs	0.375
14-20 x 3-1/2"	FD14312	0.5m	19 lbs	0.375
14-20 x 3-3/4"	FD14334	0.5m	20 lbs	0.375

COLLATED

Size	Part No.	Qty/Box	Approx. Wt/Box
6 x 1-1/4"	C114BCOL	8m	31 lbs
6 x 1-1/4"	SD114ZCOL	10m	35 lbs
6 x 1-1/4"	SD114GR3COL	10m	35 lbs
6 x 1-7/8"	SD178ZCOL	8m	34 lbs
6 x 1-7/8"	SS114COL	10m	37 lbs
6 x 1-5/8"	SS158COL	10m	35 lbs
6 x 2"	SS200COL	10m	33 lbs

THIN WAFER PLYMETAL SELF-DRILL WITH WINGS

For attaching plywood to metal.

- Wings bore out and relieve wood chips before breaking off at metal.
- Wings prevent plywood from climbing up threads.
- Zinc plated #3 point. #2 Phil. Recess.

Size	Part No.	Qty/ Box	Approx. Wt/Box	Max. Drill Cap.
10-24 x 1-7/16"	1024176	4m	36 lbs	0.220

THIN WAFER PLYMETAL SELF-DRILL

For attaching plywood to metal with .220 max. thickness. Good for flooring and trailer bed applications.

- Zinc plated #3 point. #2 Phil. Recess.

Size	Part No.	Qty/Box	Approx. Wt/Box	Max. Drill Cap.
10-24 x 1"	1024100	5m	33 lbs	0.220
10-24 x 1-1/4"	1024114	3.5m	29 lbs	0.220
10-24 x 1-1/2"	1024112	3m	30 lbs	0.220

STANLEY_SUPPLY.indd 42-43

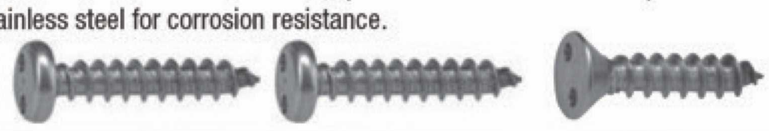
Security Fasteners

Stainless Steel Socket Security Hex-Pin Drive Sheet Metal and Machine Screws

	#8		#10		#14	
	32		24		16	
	1/8"		5/32"			
	Button	Flat	Button	Flat	Button	Flat
Length						
1/2"	N/A					
3/4"						
1"						
1-1/4"						
1-1/2"						
2"						

Stainless Steel Spanner Security Sheet Metal Screws

Spanner Drive, often called "snake-eyes", helps prevent tampering. Flat Head is countersunk and used when a flush surface is required. Measured from the top of head. Made of 18-8 stainless steel for corrosion resistance.



Head - Flat				
	#6	#8	#10	#12
	32		24	
Length				
3/8"			N/A	N/A
1/2"				
5/8"				N/A
3/4"				
1"				
1-1/4"				
1-1/2"				
1-3/4"	N/A	N/A		N/A
2"	N/A			

Head - Pan					
	#6	#8	#10	#12	#14
	32		24		16
Length					
3/8"				N/A	N/A
1/2"					
5/8"				N/A	N/A
3/4"					
1"					
1-1/4"					
1-1/2"					
2"	N/A				

Stainless Steel 6-Lobe With Pin Security Sheet Metal Screws

When you need better torque capability than other drive styles can deliver, rely on six lobe screws. The pin in the middle provides a tamper resistant application. Made of 18-8 stainless steel for corrosion resistance.

	Button		
	#8	#10	#14
	32	24	16
	T-15	T-25	T-27
Length			
1/2"			
5/8"			
3/4"			
1"			
1-1/4"			
1-1/2"			

Stainless Steel One Way Security Sheet Metal Screws

- 18-8 Stainless Steel
- Round Head
- Type AB Point

	#8	#10	#14
Length			
1/2"			
3/4"			
1"			
1-1/4"			N/A
1-1/2"			

Stainless Steel Spanner Drive Security Machine Screws

Head - Flat					
	#4	#6	#8	#10	1/4"
	40	32		24	20
Length					
1/4"					N/A
3/8"	N/A				
1/2"					
5/8"	N/A				
3/4"	N/A				
1"	N/A				
1-1/4"	N/A				
1-1/2"	N/A				
2"	N/A				
2-1/4"	N/A	N/A	N/A	N/A	
2-1/2"	N/A	N/A	N/A	N/A	
3"	N/A		N/A		
4"	N/A	N/A	N/A		

Head - Pan					
	#6	#8	#10		1/4"
	32		24	32	20
Length					
1/4"			N/A	N/A	N/A
5/16"	N/A	N/A	N/A	N/A	
3/8"					
1/2"					
5/8"					
3/4"					
1"					
1-1/4"					
1-1/2"					
2"					
2-1/4"	N/A	N/A	N/A	N/A	N/A
2-1/2"	N/A		N/A	N/A	
3"				N/A	
4"	N/A		N/A	N/A	

Security Fasteners

Steel Six Lobe Security Machine Screws

	Button				
	#6	#8	#10		1/4"
	32		24	32	20
	T-10	T-15	T-25		T-27
Leng					
3/8"				- N/A	
1/2"					
5/8"			N/A	N/A	
3/4"					
1"					
1-1/4"	- N/A				- N/A
1-1/2"	- N/A	- N/A			
2"	- N/A	- N/A	- N/A	- N/A	

Stainless Steel Six Lobe Security Machine Screws

	Head - Button				
	#6	#8	#10		1/4"
	32		24	32	20
	T-10	T-15	T-25		T-27
Length					
1/4"			- N/A	- N/A	- N/A
3/8"					- N/A
1/2"					
5/8"					
3/4"					
7/8"	- N/A	- N/A	- N/A		- N/A
1"					
1-1/4"					
1-1/2"		- N/A			
1-3/4"	- N/A	- N/A	- N/A	- N/A	
2"				- N/A	

	Head - Flat				
	#6	#8	#10		1/4"
	32		24	32	20
		T-15	T-20		T-27
Length					
1/4"		- N/A	- N/A	N/A	- N/A
1/2"					
3/4"					
1"					
1-1/2"	- N/A	- N/A	- N/A	- N/A	

Security Fasteners

Stainless Steel Socket Security Machine Screws

	Head - Button						
	#6	#8	#10		1/4"	5/16"	3/8"
	32		24	32	20	18	16
	1/8"		5/32"			3/16"	7/32"
Length							
1/4"		- N/A			- N/A	- N/A	- N/A
3/8"					- N/A	- N/A	- N/A
1/2"							
5/8"	- N/A	- N/A	- N/A				- N/A
3/4"							
1"							
1-1/4"	- N/A	- N/A					- N/A
1-1/2"	- N/A						
1-3/4"	- N/A	- N/A	- N/A	- N/A	N/A	- N/A	N/A
2"	- N/A	- N/A					- N/A
2-1/4"	- N/A	- N/A	- N/A	- N/A	N/A	- N/A	N/A
2-1/2"	- N/A	- N/A	- N/A	- N/A	- N/A	- N/A	
2-3/4"	- N/A	- N/A	- N/A	- N/A		- N/A	- N/A

	Head - Flat									
	#6		#8		#10			1/4"	5/16"	3/8"
	32				24	32		20	18	16
	5/64"	1/8"	3/32"	1/8"		5/32"	1/8"	5/32"	3/16"	7/32"
Length										
3/8"		- N/A			- N/A		- N/A		- N/A	N/A	- N/A
1/2"	- N/A			- N/A	- N/A		- N/A			- N/A
3/4"		- N/A	- N/A		- N/A			- N/A		
1"	- N/A	- N/A		- N/A		- N/A	- N/A			
1-1/4"	- N/A	- N/A	- N/A	- N/A	- N/A	- N/A	- N/A	- N/A	- N/A	
1-1/2"	- N/A	- N/A	- N/A	- N/A		- N/A	- N/A			

Spanner Insert Bits - 1/4" Hex Shank

Part #	Size	OAL	Type
SP-025-04	#4	1"	SPANNER
SP-025-06	#6	1"	SPANNER
SP-025-08	#8	1"	SPANNER
SP-025-10	#10	1"	SPANNER
SP-025-12	#12	1"	SPANNER
SP-025-14	#14	1"	SPANNER

Hex Tamper Insert Bits - 1/4" Hex

Part #	Size	OAL	Type
TH-25-332	3/32"	1"	HEX TAMPER
TH-25-018	1/8"	1"	HEX TAMPER
TH-25-964	9/64"	1"	HEX TAMPER
TH-25-532	5/32"	1"	HEX TAMPER
TH-25-316	3/16"	1"	HEX TAMPER
TH-25-732	7/32"	1"	HEX TAMPER
TH-25-014	1/4"	1"	HEX TAMPER
TH-25-516	5/16"	1"	HEX TAMPER

For TAMPER RESISTANT Torx® Screws

Star Tamper Insert Bits - 1/4" Hex

Part #	Size	OAL	Type
TT-025-08	T8	1"	STAR TAMPER
TT-025-09	T9	1"	STAR TAMPER
TT-025-10	T10	1"	STAR TAMPER
TT-025-15	T15	1"	STAR TAMPER
TT-025-20	T20	1"	STAR TAMPER
TT-025-25	T25	1"	STAR TAMPER
TT-025-27	T27	1"	STAR TAMPER
TT-025-30	T30	1"	STAR TAMPER
TT-025-40	T40	1"	STAR TAMPER

Tri-Wing® Tamper Insert Bits - 1/4" Hex

Part #	Size	OAL	Type
TRI-25-01	#1	1"	TRI-WING
TRI-25-02	#2	1"	TRI-WING
TRI-25-03	#3	1"	TRI-WING

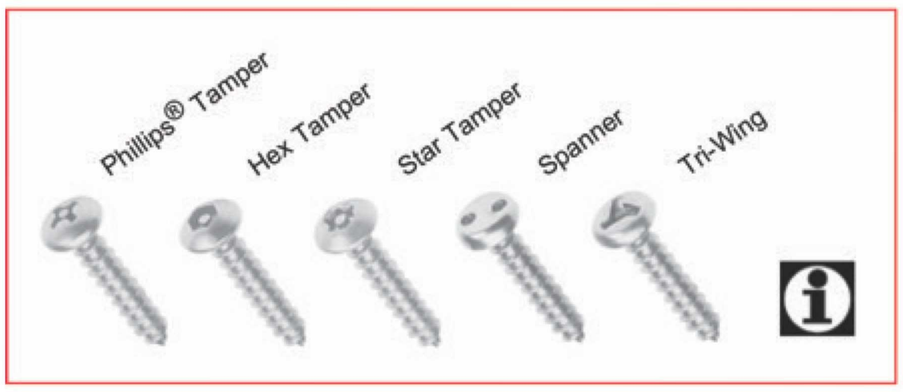
For TAMPER RESISTANT Torx® Screws

Star Tamper Insert Bits - 5/16" Hex

Part #	Size	OAL	Type
TT-032-45	T45	1-1/4"	STAR TAMPER
TT-032-50	T50	1-1/4"	STAR TAMPER
TT-032-55	T55	1-1/4"	STAR TAMPER

Phillips® Tamper Insert Bits - 1/4" Hex

Part #	Size	OAL	Type
TP-025-02	#2	1"	PHILLIPS TAMPER
TP-025-03	#3	1"	PHILLIPS TAMPER



Quick Change Extensions
P. 74

TECH 3
SCREWDRIVER BITS
S2 MODIFIED STEEL

- S2 Modified Steel
- Rc. 58-62 Heat Treated
- German Grade Steel

SELF-DRILLING SCREWS

HEX HEAD PHILLIPS

FASTENERS ARE AVAILABLE IN ZINC,HDG, 18-8 SS ,316 SS, 304/305 SS AND BRASS

Item #	Size (in.)	Type	Pcs.
TSF30546	6 x 3/8	Boxed	100
TSF30547	6 x 1/2	Boxed	100
TSF30548	6 x 5/8	Boxed	100
TSF30549	6 x 3/4	Boxed	100
TSF30550	6 x 1	Boxed	100
TSF30542	6 x 1-1/4	Boxed	100
TSF30543	6 x 1-1/2	Boxed	100
TSF30544	6 x 2	Boxed	100
TSF30551	8 x 3/8	Boxed	100
TSF30552	8 x 1/2	Boxed	100
TSF30553	8 x 5/8	Boxed	100
TSF30554	8 x 3/4	Boxed	100
TSF30555	8 x 1	Boxed	100
TSF30556	8 x 1-1/4	Boxed	100
TSF30557	8 x 1-1/2	Boxed	100
TSF30558	8 x 2	Boxed	100
TSF30559	8 x 2-1/2	Boxed	100
TSF30560	8 x 3	Boxed	100
TSF30562	10 x 1/2	Boxed	100
TSF30563	10 x 5/8	Boxed	100
TSF30564	10 x 3/4	Boxed	100
TSF30565	10 x 1	Boxed	100
TSF30566	10 x 1-1/4	Boxed	100
TSF30567	10 x 1-1/2	Boxed	100
TSF30568	10 x 2	Boxed	100
TSF30569	10 x 2-1/2	Boxed	100
TSF30570	10 x 3	Boxed	100
TSF30571	12 x 1/2	Boxed	100
TSF30572	12 x 3/4	Boxed	100
TSF30573	12 x 1	Boxed	100
TSF30574	12 x 1-1/4	Boxed	100
TSF30575	12 x 1-1/2	Boxed	100
TSF30576	12 x 2	Boxed	100
TSF30577	12 x 2-1/2	Boxed	100
TSF30578	12 x 3	Boxed	100
TSF34067	12 x 4	Boxed	100
TSF30580	14 x 3/4	Boxed	100
TSF30581	14 x 1	Boxed	100
TSF30582	14 x 1-1/4	Boxed	100

Item #	Size (in.)	Type	Pcs.
TSF30583	14 x 1-1/2	Boxed	100
TSF34247	14 x 1-3/4	Boxed	100
TSF30584	14 x 2	Boxed	100
TSF30585	14 x 2-1/2	Boxed	100
TSF30586	14 x 3	Boxed	100
TSF30460	14 x 3-1/2	Boxed	100
TSF33004	14 x 4	Boxed	100

SELF-DRILLING SCREWS

PAN HEAD PHILLIPS

FASTENERS ARE AVAILABLE IN ZINC,HDG, 18-8 SS ,316 SS, 304/305 SS AND BRASS

Item #	Size (in.)	Type	Pcs.
TSF30587	6 x 3/8	Boxed	100
TSF30589	6 x 1/2	Boxed	100
TSF30590	6 x 5/8	Boxed	100
TSF30591	6 x 3/4	Boxed	100
TSF30592	6 x 1	Boxed	100
TSF30620	6 x 1-1/4	Boxed	100
TSF30545	6 x 1-1/2	Boxed	100
TSF34036	6 x 2	Boxed	100
TSF34037	8 x 3/8	Boxed	100
TSF30593	8 x 1/2	Boxed	100
TSF30594	8 x 5/8	Boxed	100
TSF30595	8 x 3/4	Boxed	100
TSF30596	8 x 1	Boxed	100
TSF30597	8 x 1-1/4	Boxed	100
TSF30598	8 x 1-1/2	Boxed	100
TSF30599	8 x 2	Boxed	100
TSF30600	8 x 2-1/2	Boxed	100
TSF30601	8 x 3	Boxed	100
TSF30602	10 x 1/2	Boxed	100
TSF30603	10 x 5/8	Boxed	100
TSF30604	10 x 3/4	Boxed	100
TSF30605	10 x 1	Boxed	100
TSF30606	10 x 1-1/4	Boxed	100
TSF30607	10 x 1-1/2	Boxed	100
TSF34038	10 x 2	Boxed	100
TSF34039	10 x 2-1/2	Boxed	100
TSF34040	10 x 3	Boxed	100
TSF34041	10 x 3-1/2	Boxed	100
TSF34042	10 x 4	Boxed	100
TSF34044	12 x 3/4	Boxed	100

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PAN HEAD PHILLIPS

Item #	Size (in.)	Type	Pcs.
TSF34045	12 x 1	Boxed	100
TSF34046	12 x 1-1/4	Boxed	100
TSF34047	12 x 1-1/2	Boxed	100
TSF34048	12 x 2	Boxed	100
TSF34049	12 x 2-1/2	Boxed	100
TSF34050	12 x 3	Boxed	100
TSF34052	12 x 4	Boxed	100
TSF34054	14 x 3/4	Boxed	100
TSF34055	14 x 1	Boxed	100
TSF34056	14 x 1-1/4	Boxed	100
TSF34057	14 x 1-1/2	Boxed	100
TSF34058	14 x 2	Boxed	100
TSF34059	14 x 2-1/2	Boxed	100
TSF34060	14 x 3	Boxed	100
TSF34061	14 x 3-1/2	Boxed	100
TSF34062	14 x 4	Boxed	100

SELF-DRILLING SCREWS

FLAT HEAD PHILLIPS

FASTENERS ARE AVAILABLE IN ZINC,HDG, 18-8 SS ,316 SS, 304/305 SS AND BRASS

Item #	Size (in.)	Type	Pcs.
TSF34001	6 x 3/8	Boxed	100
TSF32778	6 x 1/2	Boxed	100
TSF34002	6 x 5/8	Boxed	100
TSF32779	6 x 3/4	Boxed	100
TSF32752	6 x 1	Boxed	100
TSF34003	6 x 1-1/4	Boxed	100
TSF34004	6 x 1-1/2	Boxed	100
TSF34006	8 x 3/8	Boxed	100
TSF32780	8 x 1/2	Boxed	100
TSF34007	8 x 5/8	Boxed	100
TSF32781	8 x 3/4	Boxed	100
TSF32782	8 x 1	Boxed	100
TSF32783	8 x 1-1/4	Boxed	100
TSF32784	8 x 1-1/2	Boxed	100
TSF34008	8 x 2	Boxed	100
TSF34009	8 x 2-1/2	Boxed	100
TSF34010	8 x 3	Boxed	100
TSF32785	10 x 1/2	Boxed	100
TSF34011	10 x 5/8	Boxed	100
TSF32786	10 x 3/4	Boxed	100
TSF32787	10 x 1	Boxed	100
TSF32788	10 x 1-1/4	Boxed	100
TSF32789	10 x 1-1/2	Boxed	100
TSF33133	10 x 2	Boxed	100
TSF34012	10 x 2-1/2	Boxed	100
TSF34013	10 x 3	Boxed	100
TSF34015	10 x 4	Boxed	100
TSF34017	12 x 3/4	Boxed	100
TSF34018	12 x 1	Boxed	100
TSF34019	12 x 1-1/4	Boxed	100
TSF34020	12 x 1-1/2	Boxed	100
TSF34021	12 x 2	Boxed	100
TSF34022	12 x 2-1/2	Boxed	100
TSF34023	12 x 3	Boxed	100
TSF34027	14 x 3/4	Boxed	100
TSF34028	14 x 1	Boxed	100
TSF34029	14 x 1-1/4	Boxed	100
TSF34030	14 x 1-1/2	Boxed	100
TSF34031	14 x 2	Boxed	100
TSF34032	14 x 2-1/2	Boxed	100
TSF34033	14 x 3	Boxed	100
TSF34035	14 x 4	Boxed	100
TSF81001	12 x 3-1/2	Boxed	100

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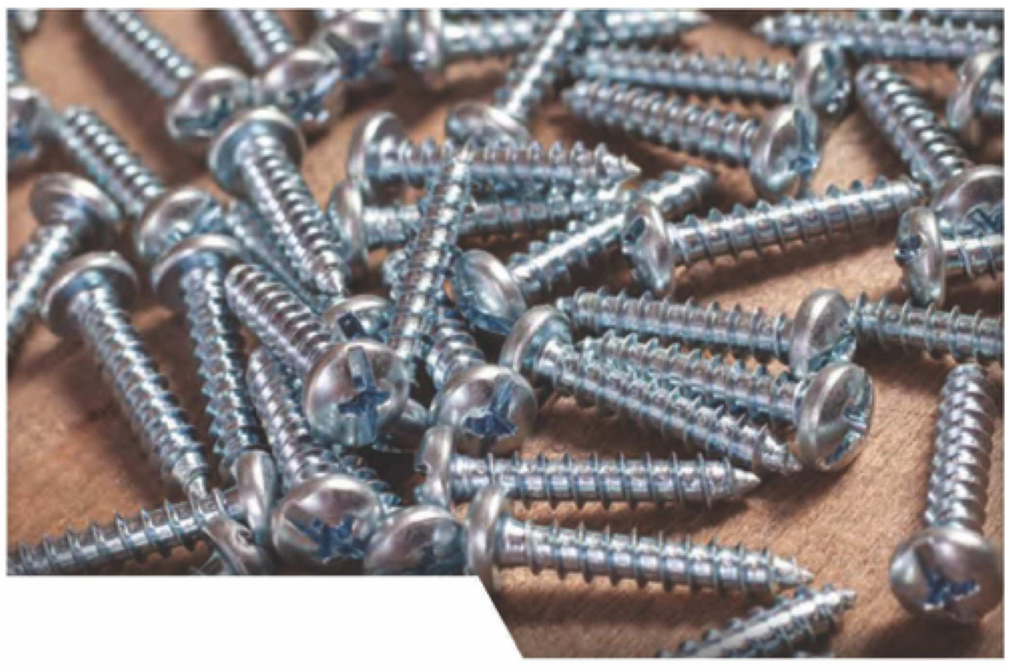
SHEET METAL SCREWS

PAN HEAD PHILLIPS

FASTENERS ARE AVAILABLE IN ZINC,HDG, 18-8 SS ,316 SS, 304/305 SS AND BRASS



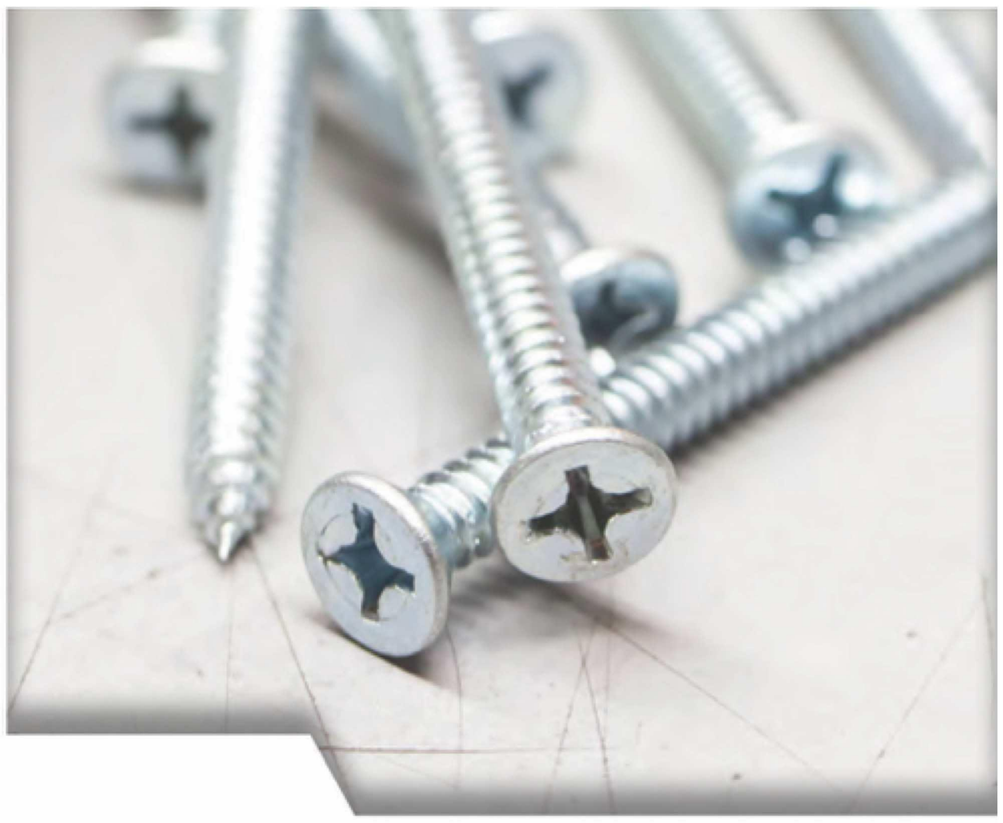
Item #	Size (in.)	Type	Pcs.
TSF34407	4 x 1/4	Boxed	100
TSF30461	4 x 3/8	Boxed	100
TSF30462	4 x 1/2	Boxed	100
TSF30463	4 x 5/8	Boxed	100
TSF30464	4 x 3/4	Boxed	100
TSF30465	4 x 1	Boxed	100
TSF30467	4 x 1-1/2	Boxed	100
TSF30483	5 x 1/2	Boxed	100
TSF34063	5 x 5/8	Boxed	100
TSF30485	5 x 3/4	Boxed	100
TSF30484	5 x 1	Boxed	100
TSF34408	6 x 1/4	Boxed	100
TSF30468	6 x 3/8	Boxed	100
TSF30469	6 x 1/2	Boxed	100
TSF30470	6 x 5/8	Boxed	100
TSF30471	6 x 3/4	Boxed	100
TSF30473	6 x 1	Boxed	100
TSF30474	6 x 1-1/4	Boxed	100
TSF30475	6 x 1-1/2	Boxed	100
TSF30476	6 x 1-3/4	Boxed	100
TSF30477	6 x 2	Boxed	100
TSF34409	8 x 1/4	Boxed	100
TSF30486	8 x 3/8	Boxed	100
TSF30487	8 x 1/2	Boxed	100
TSF30488	8 x 5/8	Boxed	100
TSF30489	8 x 3/4	Boxed	100
TSF30491	8 x 1	Boxed	100
TSF30492	8 x 1-1/4	Boxed	100
TSF30493	8 x 1-1/2	Boxed	100
TSF30494	8 x 1-3/4	Boxed	100
TSF30495	8 x 2	Boxed	100
TSF30497	8 x 2-1/2	Boxed	100
TSF30498	8 x 3	Boxed	100
TSF30499	8 x 3-1/2	Boxed	100
TSF30500	8 x 4	Boxed	100
TSF30501	10 x 3/8	Boxed	100
TSF30502	10 x 1/2	Boxed	100
TSF30503	10 x 5/8	Boxed	100

Item #	Size (in.)	Type	Pcs.
TSF30504	10 x 3/4	Boxed	100
TSF30506	10 x 1	Boxed	100
TSF30507	10 x 1-1/4	Boxed	100
TSF30508	10 x 1-1/2	Boxed	100
TSF30509	10 x 1-3/4	Boxed	100
TSF30510	10 x 2	Boxed	100
TSF30512	10 x 2-1/2	Boxed	100
TSF30513	10 x 3	Boxed	100
TSF30514	10 x 3-1/2	Boxed	100
TSF30515	10 x 4	Boxed	100
TSF30516	12 x 1/2	Boxed	100
TSF34410	12 x 3/8	Boxed	100
TSF30517	12 x 5/8	Boxed	100
TSF30518	12 x 3/4	Boxed	100
TSF30519	12 x 1	Boxed	100
TSF30520	12 x 1-1/4	Boxed	100
TSF30521	12 x 1-1/2	Boxed	100
TSF30522	12 x 1-3/4	Boxed	100
TSF30523	12 x 2	Boxed	100
TSF30525	12 x 2-1/2	Boxed	100
TSF30526	12 x 3	Boxed	100
TSF30527	12 x 3-1/2	Boxed	100
TSF30528	12 x 4	Boxed	100
TSF30529	14 x 1/2	Boxed	100
TSF30530	14 x 5/8	Boxed	100
TSF30531	14 x 3/4	Boxed	100
TSF30532	14 x 1	Boxed	100
TSF30533	14 x 1-1/4	Boxed	100
TSF30534	14 x 1-1/2	Boxed	100
TSF30535	14 x 1-3/4	Boxed	100
TSF30536	14 x 2	Boxed	100
TSF30538	14 x 2-1/2	Boxed	100
TSF30539	14 x 3	Boxed	100
TSF30540	14 x 3-1/2	Boxed	100
TSF30541	14 x 4	Boxed	100

SHEET METAL SCREWS

FLAT HEAD PHILLIPS

FASTENERS ARE AVAILABLE IN ZINC,HDG, 18-8 SS ,316 SS, 304/305 SS AND BRASS



Item #	Size (in.)	Type	Pcs.
TSF34411	4 x 1/4	Boxed	100
TSF30377	4 x 3/8	Boxed	100
TSF30378	4 x 1/2	Boxed	100
TSF30379	4 x 5/8	Boxed	100
TSF30380	4 x 3/4	Boxed	100
TSF30381	4 x 1	Boxed	100
TSF30383	4 x 1-1/2	Boxed	100
TSF30386	5 x 1/2	Boxed	100
TSF30384	5 x 5/8	Boxed	100
TSF30385	5 x 3/4	Boxed	100
TSF30387	5 x 1	Boxed	100
TSF34412	6 x 1/4	Boxed	100
TSF30389	6 x 3/8	Boxed	100
TSF30390	6 x 1/2	Boxed	100
TSF30391	6 x 5/8	Boxed	100
TSF30392	6 x 3/4	Boxed	100
TSF30393	6 x 1	Boxed	100
TSF30394	6 x 1-1/4	Boxed	100
TSF30395	6 x 1-1/2	Boxed	100
TSF30400	6 x 1-3/4	Boxed	100
TSF30396	6 x 2	Boxed	100
TSF30405	8 x 3/8	Boxed	100
TSF30406	8 x 1/2	Boxed	100
TSF30407	8 x 5/8	Boxed	100
TSF30408	8 x 3/4	Boxed	100
TSF30410	8 x 1	Boxed	100
TSF30411	8 x 1-1/4	Boxed	100
TSF30412	8 x 1-1/2	Boxed	100
TSF30413	8 x 1-3/4	Boxed	100
TSF30414	8 x 2	Boxed	100
TSF30415	8 x 2-1/2	Boxed	100
TSF30416	8 x 3	Boxed	100
TSF30417	8 x 3-1/2	Boxed	100
TSF30418	8 x 4	Boxed	100
TSF30424	10 x 1/2	Boxed	100
TSF34413	10 x 3/8	Boxed	100
TSF30425	10 x 5/8	Boxed	100
TSF30426	10 x 3/4	Boxed	100

Item #	Size (in.)	Type	Pcs.
TSF30428	10 x 1	Boxed	100
TSF30429	10 x 1-1/4	Boxed	100
TSF30430	10 x 1-1/2	Boxed	100
TSF30431	10 x 1-3/4	Boxed	100
TSF30432	10 x 2	Boxed	100
TSF30433	10 x 2-1/2	Boxed	100
TSF30434	10 x 3	Boxed	100
TSF30435	10 x 3-1/2	Boxed	100
TSF30436	10 x 4	Boxed	100
TSF30437	12 x 1/2	Boxed	100
TSF30459	12 x 5/8	Boxed	100
TSF30438	12 x 3/4	Boxed	100
TSF30439	12 x 1	Boxed	100
TSF30440	12 x 1-1/4	Boxed	100
TSF30441	12 x 1-1/2	Boxed	100
TSF30442	12 x 1-3/4	Boxed	100
TSF30443	12 x 2	Boxed	100
TSF30444	12 x 2-1/2	Boxed	100
TSF30445	12 x 3	Boxed	100
TSF30446	12 x 3-1/2	Boxed	100
TSF30447	12 x 4	Boxed	100
TSF30448	14 x 1/2	Boxed	100
TSF30449	14 x 3/4	Boxed	100
TSF30450	14 x 1	Boxed	100
TSF30451	14 x 1-1/4	Boxed	100
TSF30452	14 x 1-1/2	Boxed	100
TSF30453	14 x 1-3/4	Boxed	100
TSF30454	14 x 2	Boxed	100
TSF30455	14 x 2-1/2	Boxed	100
TSF30456	14 x 3	Boxed	100
TSF30457	14 x 3-1/2	Boxed	100
TSF30458	14 x 4	Boxed	100

SHEET METAL SLOT

SLOTTED HEX HEAD

FASTENERS ARE AVAILABLE IN ZINC,HDG, 18-8 SS ,316 SS, 304/305 SS AND BRASS

Item #	Size (in.)	Type	Pcs.
TSF32021	6 x 3/8	Boxed	100
TSF32022	6 x 1/2	Boxed	100
TSF34155	6 x 5/8	Boxed	100
TSF32023	6 x 3/4	Boxed	100
TSF32024	6 x 1	Boxed	100
TSF32025	6 x 1-1/4	Boxed	100
TSF32026	6 x 1-1/2	Boxed	100
TSF32027	6 x 2	Boxed	100
TSF32030	8 x 3/8	Boxed	100
TSF32031	8 x 1/2	Boxed	100
TSF34156	8 x 5/8	Boxed	100
TSF32032	8 x 3/4	Boxed	100
TSF32033	8 x 1	Boxed	100
TSF32034	8 x 1-1/4	Boxed	100
TSF32035	8 x 1-1/2	Boxed	100
TSF34157	8 x 1-3/4	Boxed	100
TSF32036	8 x 2	Boxed	100
TSF32037	8 x 2-1/2	Boxed	100
TSF32038	8 x 3	Boxed	100
TSF34158	8 x 3-1/2	Boxed	100
TSF34159	8 x 4	Boxed	100
TSF32042	10 x 1/2	Boxed	100
TSF34160	10 x 5/8	Boxed	100
TSF32043	10 x 3/4	Boxed	100
TSF32044	10 x 1	Boxed	100
TSF32045	10 x 1-1/4	Boxed	100
TSF32046	10 x 1-1/2	Boxed	100
TSF34161	10 x 1-3/4	Boxed	100
TSF32047	10 x 2	Boxed	100
TSF32048	10 x 2-1/2	Boxed	100
TSF32049	10 x 3	Boxed	100
TSF34162	10 x 3-1/2	Boxed	100
TSF34163	10 x 4	Boxed	100
TSF32050	12 x 1/2	Boxed	100
TSF32051	12 x 3/4	Boxed	100
TSF32052	12 x 1	Boxed	100
TSF32053	12 x 1-1/4	Boxed	100
TSF32054	12 x 1-1/2	Boxed	100
TSF34164	12 x 1-3/4	Boxed	100
TSF32055	12 x 2	Boxed	100
TSF32056	12 x 2-1/2	Boxed	100
TSF32057	12 x 3	Boxed	100
TSF34165	12 x 3-1/2	Boxed	100
TSF34166	12 x 4	Boxed	100
TSF32058	14 x 1/2	Boxed	100
TSF32059	14 x 3/4	Boxed	100
TSF32060	14 x 1	Boxed	100
TSF32061	14 x 1-1/4	Boxed	100
TSF32062	14 x 1-1/2	Boxed	100
TSF34167	14 x 1-3/4	Boxed	100
TSF32063	14 x 2	Boxed	100
TSF32064	14 x 2-1/2	Boxed	100
TSF32065	14 x 3	Boxed	100
TSF34168	14 x 3-1/2	Boxed	100
TSF34169	14 x 4	Boxed	100

CARRIAGE BOLTS

FASTENERS ARE AVAILABLE IN ZINC,HDG, 18-8 SS ,316 SS, 304/305 SS AND BRASS

Item #	Size (in.)	Type	Pcs.
TSF30225	10-24 (3/16) x 1/2	Boxed	100
TSF30191	10-24 (3/16) x 3/4	Boxed	100
TSF30192	10-24 (3/16) x 1	Boxed	100
TSF30193	10-24 (3/16) x 1-1/4	Boxed	100
TSF30194	10-24 (3/16) x 1-1/2	Boxed	100
TSF30195	10-24 (3/16) x 1-3/4	Boxed	100
TSF30196	10-24 (3/16) x 2	Boxed	100
TSF30198	10-24 (3/16) x 2-1/2	Boxed	100
TSF30199	10-24 (3/16) x 3	Boxed	100
TSF30200	10-24 (3/16) x 3-1/2	Boxed	100
TSF30201	10-24 (3/16) x 4	Boxed	100
TSF30205	1/4-20 x 1/2	Boxed	100
TSF30206	1/4-20 x 3/4	Boxed	100
TSF30207	1/4-20 x 1	Boxed	100
TSF30208	1/4-20 x 1-1/4	Boxed	100
TSF30209	1/4-20 x 1-1/2	Boxed	100
TSF30210	1/4-20 x 1-3/4	Boxed	100
TSF30211	1/4-20 x 2	Boxed	100
TSF30213	1/4-20 x 2-1/2	Boxed	100
TSF30214	1/4-20 x 3	Boxed	100

CARRIAGE BOLTS

Item #	Size (in.)	Type	Pcs.
TSF30215	1/4-20 x 3-1/2	Boxed	100
TSF30216	1/4-20 x 4	Boxed	100
TSF30217	1/4-20 x 4-1/2	Boxed	100
TSF30218	1/4-20 x 5	Boxed	100
TSF30219	1/4-20 x 5-1/2	Boxed	100
TSF30220	1/4-20 x 6	Boxed	100
TSF30222	1/4-20 x 7	Boxed	100
TSF30224	1/4-20 x 8	Boxed	100
TSF30251	5/16-18 x 1/2	Boxed	100
TSF30231	5/16-18 x 3/4	Boxed	100
TSF30232	5/16-18 x 1	Boxed	100
TSF30233	5/16-18 x 1-1/4	Boxed	100
TSF30234	5/16 x 1-1/2	Boxed	100
TSF30235	5/16-18 x 1-3/4	Boxed	100
TSF30236	5/16-18 x 2	Boxed	100
TSF30238	5/16-18 x 2-1/2	Boxed	100
TSF30239	5/16-18 x 3	Boxed	100
TSF30240	5/16-18 x 3-1/2	Boxed	50
TSF30241	5/16-18 x 4	Boxed	50
TSF30242	5/16-18 x 4-1/2	Boxed	50
TSF30243	5/16-18 x 5	Boxed	50
TSF30244	5/16-18 x 5-1/2	Boxed	50
TSF30245	5/16-18 x 6	Boxed	50
TSF30247	5/16-18 x 7	Boxed	50
TSF30249	5/16-18 x 8	Boxed	50
TSF30256	3/8-16 x 3/4	Boxed	100
TSF30257	3/8-16 x 1	Boxed	100
TSF30258	3/8-16 x 1-1/4	Boxed	100
TSF30259	3/8-16 x 1-1/2	Boxed	100
TSF30260	3/8-16 x 1-3/4	Boxed	100
TSF30261	3/8-16 x 2	Boxed	100
TSF30263	3/8-16 x 2-1/2	Boxed	50
TSF30264	3/8-16 x 3	Boxed	50
TSF30265	3/8-16 x 3-1/2	Boxed	50
TSF30266	3/8-16 x 4	Boxed	50
TSF30267	3/8-16 x 4-1/2	Boxed	50
TSF30268	3/8-16 x 5	Boxed	50
TSF30269	3/8-16 x 5-1/2	Boxed	50
TSF30270	3/8-16 x 6	Boxed	50
TSF30272	3/8-16 x 7	Boxed	50
TSF30274	3/8-16 x 8	Boxed	50
TSF30284	1/2-13 x 1	Boxed	50
TSF30307	1/2-13 x 1-1/4	Boxed	50
TSF30285	1/2-13 x 1-1/2	Boxed	50
TSF34485	1/2-13 x 1-3/4	Boxed	50
TSF30286	1/2-13 x 2	Boxed	50
TSF30287	1/2-13 x 2-1/2	Boxed	50
TSF30288	1/2-13 x 3	Boxed	50

Item #	Size (in.)	Type	Pcs.
TSF30289	1/2-13 x 3-1/2	Boxed	25
TSF30290	1/2-13 x 4	Boxed	25
TSF30291	1/2-13 x 4-1/2	Boxed	25
TSF30292	1/2-13 x 5	Boxed	25
TSF30293	1/2-13 x 5-1/2	Boxed	25
TSF30294	1/2-13 x 6	Boxed	25
TSF30296	1/2-13 x 7	Boxed	25
TSF30298	1/2-13 x 8	Boxed	25
TSF30299	1/2-13 x 9	Boxed	25
TSF30300	1/2-13 x 10	Boxed	25
TSF34245	5/8-11 x 1-1/2	Boxed	25
TSF30310	5/8-11 x 2	Boxed	25
TSF30321	5/8-11 x 2-1/2	Boxed	25
TSF30311	5/8-11 x 3	Boxed	25
TSF30322	5/8-11 x 3-1/2	Boxed	25
TSF30312	5/8-11 x 4	Boxed	25
TSF30306	5/8-11 x 4-1/2	Boxed	25
TSF30313	5/8-11 x 5	Boxed	25
TSF30323	5/8-11 x 5-1/2	Boxed	25
TSF30314	5/8-11 x 6	Boxed	25
TSF30324	5/8-11 x 7	Boxed	20
TSF30315	5/8-11 x 8	Boxed	25
TSF30316	5/8-11 x 10	Boxed	25
TSF30309	3/4-10 x 2	Boxed	25
TSF30252	3/4-10 x 2-1/2	Boxed	25
TSF30326	3/4-10 x 3	Boxed	25
TSF30280	3/4-10 x 3-1/2	Boxed	25
TSF30327	3/4-10 x 4	Boxed	20
TSF30281	3/4-10 x 4-1/2	Boxed	20
TSF30328	3/4-10 x 5	Boxed	20
TSF30282	3/4-10 x 5-1/2	Boxed	20
TSF30325	3/4-10 x 7	Boxed	20
TSF30329	3/4-10 x 6	Boxed	15
TSF30330	3/4-10 x 8	Boxed	10
TSF30331	3/4-10 x 10	Boxed	10

MACHINE SCREWS

ROUND HEAD

FASTENERS ARE AVAILABLE IN ZINC,HDG, 18-8 SS ,316 SS, 304/305 SS AND BRASS

Item #	Size (in.)	Type	Pcs.
TSF34415	4-40 x 3/16	Boxed	100
TSF30621	4-40 x 1/4	Boxed	100
TSF34416	4-40 x 5/16	Boxed	100
TSF30622	4-40 x 3/8	Boxed	100
TSF30623	4-40 x 1/2	Boxed	100
TSF30624	4-40 x 5/8	Boxed	100
TSF30625	4-40 x 3/4	Boxed	100
TSF30626	4-40 x 1	Boxed	100
TSF34418	4-40 x 1-1/4	Boxed	100
TSF34419	4-40 x 1-1/2	Boxed	100
TSF30631	6-32 (1/8) x 1/4	Boxed	100
TSF30632	6-32 (1/8) x 3/8	Boxed	100
TSF30633	6-32 (1/8) x 1/2	Boxed	100
TSF30634	6-32 (1/8) x 5/8	Boxed	100
TSF30635	6-32 (1/8) x 3/4	Boxed	100
TSF30637	6-32 (1/8) x 1	Boxed	100
TSF30638	6-32 (1/8) x 1-1/4	Boxed	100
TSF30639	6-32 (1/8) x 1-1/2	Boxed	100
TSF30640	6-32 (1/8) x 1-3/4	Boxed	100
TSF30641	6-32 (1/8) x 2	Boxed	100
TSF30642	6-32 (1/8) x 2-1/2	Boxed	100
TSF30643	6-32 (1/8) x 3	Boxed	100
TSF30644	6-32 (1/8) x 3-1/2	Boxed	100
TSF30645	6-32 (1/8) x 4	Boxed	100
TSF30646	8-32 x 1/4	Boxed	100
TSF30647	8-32 x 3/8	Boxed	100
TSF30648	8-32 x 1/2	Boxed	100
TSF30649	8-32 x 5/8	Boxed	100
TSF30650	8-32 x 3/4	Boxed	100
TSF34421	8-32 x 5/16	Boxed	100
TSF30652	8-32 x 1	Boxed	100
TSF30653	8-32 x 1-1/4	Boxed	100
TSF30654	8-32 x 1-1/2	Boxed	100
TSF30655	8-32 x 1-3/4	Boxed	100
TSF30656	8-32 x 2	Boxed	100
TSF30657	8-32 x 2-1/2	Boxed	100
TSF30658	8-32 x 3	Boxed	100
TSF30659	8-32 x 3-1/2	Boxed	100

Item #	Size (in.)	Type	Pcs.
TSF30660	8-32 x 4	Boxed	100
TSF30661	10-24 (3/16) x 1/4	Boxed	100
TSF30662	10-24 (3/16) x 3/8	Boxed	100
TSF30663	10-24 (3/16) x 1/2	Boxed	100
TSF30664	10-24 (3/16) x 5/8	Boxed	100
TSF30665	10-24 (3/16) x 3/4	Boxed	100
TSF30667	10-24 (3/16) x 1	Boxed	100
TSF30668	10-24 (3/16) x 1-1/4	Boxed	100
TSF30669	10-24 (3/16) x 1-1/2	Boxed	100
TSF30670	10-24 (3/16) x 1-3/4	Boxed	100
TSF30671	10-24 (3/16) x 2	Boxed	100
TSF30672	10-24 (3/16) x 2-1/2	Boxed	100
TSF30673	10-24 (3/16) x 3	Boxed	100
TSF30674	10-24 (3/16) x 3-1/2	Boxed	100
TSF30675	10-24 (3/16) x 4	Boxed	100
TSF34422	10-32 x 1/4	Boxed	100
TSF30680	10-32 x 3/8	Boxed	100
TSF30681	10-32 x 1/2	Boxed	100
TSF30682	10-32 x 5/8	Boxed	100
TSF30683	10-32 x 3/4	Boxed	100
TSF34423	10-32 x 5/16	Boxed	100
TSF30685	10-32 x 1	Boxed	100
TSF30686	10-32 x 1-1/4	Boxed	100
TSF30687	10-32 x 1-1/2	Boxed	100
TSF30688	10-32 x 1-3/4	Boxed	100
TSF30689	10-32 x 2	Boxed	100
TSF30690	10-32 x 2-1/2	Boxed	100
TSF30691	10-32 x 3	Boxed	100
TSF30630	10-32 x 4	Boxed	100
TSF34424	12-24 x 1/4	Boxed	100
TSF30692	12-24 x 3/8	Boxed	100
TSF30693	12-24 x 1/2	Boxed	100
TSF30694	12-24 x 5/8	Boxed	100
TSF30695	12-24 x 3/4	Boxed	100
TSF30697	12-24 x 1	Boxed	100
TSF30698	12-24 x 1-1/4	Boxed	100
TSF30699	12-24 x 1-1/2	Boxed	100
TSF30701	12-24 x 2	Boxed	100
TSF30702	12-24 x 2-1/2	Boxed	100
TSF30703	12-24 x 3	Boxed	100
TSF30707	1/4-20 x 3/8	Boxed	100
TSF30708	1/4-20 x 1/2	Boxed	100
TSF30709	1/4-20 x 5/8	Boxed	100
TSF30710	1/4-20 x 3/4	Boxed	100
TSF30712	1/4-20 x 1	Boxed	100
TSF30713	1/4-20 x 1-1/4	Boxed	100
TSF30714	1/4-20 x 1-1/2	Boxed	100
TSF30715	1/4-20 x 1-3/4	Boxed	100
TSF30716	1/4-20 x 2	Boxed	100

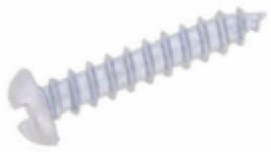
MACHINE SCREWS

Item #	Size (in.)	Type	Pcs.
TSF34425	1/4-20 x 2-1/4	Boxed	100
TSF30717	1/4-20 x 2-1/2	Boxed	100
TSF30718	1/4-20 x 3	Boxed	100
TSF30719	1/4-20 x 3-1/2	Boxed	100
TSF30720	1/4-20 x 4	Boxed	100
TSF30721	1/4-20 x 4-1/2	Boxed	100
TSF30722	1/4-20 x 5	Boxed	100
TSF30723	1/4-20 x 5-1/2	Boxed	100
TSF30724	1/4-20 x 6	Boxed	100
TSF30725	5/16-18 x 1/2	Boxed	100
TSF30727	5/16-18 x 3/4	Boxed	100
TSF30729	5/16-18 x 1	Boxed	100
TSF30730	5/16-18 x 1-1/4	Boxed	100
TSF30731	5/16-18 x 1-1/2	Boxed	100
TSF30732	5/16-18 x 1-3/4	Boxed	100
TSF30733	5/16-18 x 2	Boxed	100
TSF30734	5/16-18 x 2-1/2	Boxed	100
TSF30735	5/16-18 x 3	Boxed	100
TSF30736	5/16-18 x 3-1/2	Boxed	100
TSF30737	5/16-18 x 4	Boxed	100
TSF30738	5/16-18 x 4-1/2	Boxed	100
TSF30739	5/16-18 x 5	Boxed	100
TSF30740	5/16-18 x 5-1/2	Boxed	100
TSF30741	5/16-18 x 6	Boxed	100
TSF30742	3/8-16 x 1/2	Boxed	100
TSF30743	3/8-16 x 3/4	Boxed	100
TSF30744	3/8-16 x 1	Boxed	100
TSF30745	3/8-16 x 1-1/4	Boxed	100
TSF30746	3/8-16 x 1-1/2	Boxed	100
TSF30747	3/8-16 x 1-3/4	Boxed	100
TSF30748	3/8-16 x 2	Boxed	100
TSF30749	3/8-16 x 2-1/2	Boxed	100
TSF30750	3/8-16 x 3	Boxed	100
TSF30751	3/8-16 x 3-1/2	Boxed	100
TSF30752	3/8-16 x 4	Boxed	50
TSF30753	3/8-16 x 4-1/2	Boxed	50
TSF30754	3/8-16 x 5	Boxed	50
TSF30755	3/8-16 x 5-1/2	Boxed	50
TSF30756	3/8-16 x 6	Boxed	50

SHEET METAL SCREWS

ONE-WAY

- Zinc Plated



Item #	Size (in.)	Type	Pcs.
TSF32095	8 x 1	Boxed	100
TSF32097	8 x 1-1/2	Boxed	100
TSF32302	10 x 1	Boxed	100
TSF32304	1- x 1-1/2	Boxed	100

MACHINE SCREWS

FLAT HEAD

FASTENERS ARE AVAILABLE IN ZINC,HDG, 18-8 SS ,316 SS, 304/305 SS AND BRASS

Item #	Size (in.)	Type	Pcs.
TSF32364	4-40 x 1/2	Boxed	100
TSF32367	6-32 (1/8) x 1/2	Boxed	100
TSF32368	6-32 (1/8) x 5/8	Boxed	100
TSF32369	6-32 (1/8) x 3/4	Boxed	100
TSF32371	6-32 (1/8) x 1	Boxed	100
TSF32372	6-32 (1/8) x 1-1/4	Boxed	100
TSF32373	6-32 (1/8) x 1-1/2	Boxed	100
TSF32374	6-32 (1/8) x 1-3/4	Boxed	100
TSF32375	6-32 (1/8) x 2	Boxed	100
TSF32376	6-32 (1/8) x 2-1/2	Boxed	100
TSF32377	6-32 (1/8) x 3	Boxed	100
TSF32378	6-32 (1/8) x 3-1/2	Boxed	100
TSF32379	6-32 (1/8) x 4	Boxed	100
TSF32382	8-32 x 1/2	Boxed	100
TSF32384	8-32 x 3/4	Boxed	100
TSF32386	8-32 x 1	Boxed	100
TSF32387	8-32 x 1-1/4	Boxed	100
TSF32388	8-32 x 1-1/2	Boxed	100
TSF32389	8-32 x 1-3/4	Boxed	100
TSF32390	8-32 x 2	Boxed	100
TSF32391	8-32 x 2-1/2	Boxed	100
TSF32392	8-32 x 3	Boxed	100
TSF32397	10-24 (3/16) x 1/2	Boxed	100
TSF32399	10-24 (3/16) x 3/4	Boxed	100
TSF32401	10-24 (3/16) x 1	Boxed	100
TSF32402	10-24 (3/16) x 1-1/4	Boxed	100
TSF32403	10-24 (3/16) x 1-1/2	Boxed	100
TSF32404	10-24 (3/16) x 1-3/4	Boxed	100
TSF32405	10-24 (3/16) x 2	Boxed	100
TSF32406	10-24 (3/16) x 2-1/2	Boxed	100
TSF32407	10-24 (3/16) x 3	Boxed	100
TSF32408	10-24 (3/16) x 3-1/2	Boxed	100
TSF32409	10-24 (3/16) x 4	Boxed	100
TSF32415	10-32 x 1/2	Boxed	100
TSF32416	10-32 x 5/8	Boxed	100
TSF32417	10-32 x 3/4	Boxed	100
TSF32419	10-32 x 1	Boxed	100
TSF32421	10-32 x 1-1/2	Boxed	100
TSF32423	10-32 x 2	Boxed	100
TSF32424	10-32 x 2-1/2	Boxed	100
TSF32425	10-32 x 3	Boxed	100

Item #	Size (in.)	Type	Pcs.
TSF32435	12-14 x 1/2	Boxed	100
TSF32438	12-24 x 1-1/4	Boxed	100
TSF32439	12-24 x 1-1/2	Boxed	100
TSF32441	12-24 x 2	Boxed	100
TSF32442	12-24 x 2-1/2	Boxed	100
TSF32443	12-24 x 3	Boxed	100
TSF32451	1/4-20 x 1/2	Boxed	100
TSF32453	1/4-20 x 3/4	Boxed	100
TSF32455	1/4-20 x 1	Boxed	100
TSF32456	1/4-20 x 1-1/4	Boxed	100
TSF32457	1/4-20 x 1-1/2	Boxed	100
TSF32458	1/4-20 x 1-3/4	Boxed	100
TSF32459	1/4-20 x 2	Boxed	100
TSF32460	1/4-20 x 2-1/2	Boxed	100
TSF32461	1/4-20 x 3	Boxed	100
TSF32462	1/4-20 x 3-1/2	Boxed	100
TSF32463	1/4-20 x 4	Boxed	100
TSF32464	1/4-20 x 4-1/2	Boxed	100
TSF32465	1/4-20 x 5	Boxed	100
TSF32466	1/4-20 x 5-1/2	Boxed	100
TSF32467	1/4-20 x 6	Boxed	100
TSF32468	5/16-18 x 1/2	Boxed	100
TSF32470	5/16-18 x 3/4	Boxed	100
TSF32471	5/16-18 x 1	Boxed	100
TSF32472	5/16-18 x 1-1/4	Boxed	100
TSF32473	5/16-18 x 1-1/2	Boxed	100
TSF32475	5/16-18 x 2	Boxed	100
TSF32476	5/16-18 x 2-1/2	Boxed	100
TSF32478	5/16-18 x 3	Boxed	100
TSF32480	5/16-18 x 4	Boxed	50
TSF32482	5/16-18 x 5	Boxed	50
TSF32484	5/16-18 x 6	Boxed	50
TSF32485	3/8-16 x 1/2	Boxed	50
TSF32486	3/8-16 x 3/4	Boxed	100
TSF32487	3/8-16 x 1	Boxed	100
TSF32488	3/8-16 x 1-1/4	Boxed	100
TSF32489	3/8-16 x 1-1/2	Boxed	100
TSF34174	3/8-16 x 1-3/4	Boxed	100
TSF32490	3/8-16 x 2	Boxed	100
TSF32491	3/8-16 x 2-1/2	Boxed	100
TSF32492	3/8-16 x 3	Boxed	100
TSF32493	3/8-16 x 3-1/2	Boxed	100
TSF32494	3/8-16 x 4	Boxed	100
TSF32495	3/8-16 x 4-1/2	Boxed	50
TSF32496	3/8-16 x 5	Boxed	50
TSF32497	3/8-16 x 5-1/2	Boxed	50
TSF32498	3/8-16 x 6	Boxed	50
TSF32850	1/2-13 x 1-1/2	Boxed	50
TSF32851	1/2-13 x 2	Boxed	50

LAG BOLTS

HEX HEAD

FASTENERS ARE AVAILABLE IN ZINC,HDG, 18-8 SS ,316 SS, 304/305 SS AND BRASS

Item #	Size (in.)	Type	Pcs.
TSF30050	1/4 x 1	Boxed	100
TSF30051	1/4 x 1-1/4	Boxed	100
TSF30052	1/4 x 1-1/2	Boxed	100
TSF30053	1/4 x 1-3/4	Boxed	100
TSF30054	1/4 x 2	Boxed	100
TSF30055	1/4 x 2-1/2	Boxed	100
TSF30056	1/4 x 3	Boxed	100
TSF30057	1/4 x 3-1/2	Boxed	100
TSF30058	1/4 x 4	Boxed	100
TSF30059	1/4 x 4-1/2	Boxed	100
TSF30060	1/4 x 5	Boxed	100
TSF30061	1/4 x 5-1/2	Boxed	100
TSF30062	1/4 x 6	Boxed	100
TSF30066	5/16 x 3/4	Boxed	100
TSF30068	5/16 x 1	Boxed	100
TSF30069	5/16 x 1-1/4	Boxed	100
TSF30070	5/16 x 1-1/2	Boxed	100
TSF30071	5/16 x 1-3/4	Boxed	100
TSF30072	5/16 x 2	Boxed	100
TSF30073	5/16 x 2-1/2	Boxed	100
TSF30074	5/16 x 3	Boxed	100
TSF30075	5/16 x 3-1/2	Boxed	50
TSF30076	5/16 x 4	Boxed	50
TSF30077	5/16 x 4-1/2	Boxed	50
TSF30078	5/16 x 5	Boxed	50
TSF30079	5/16 x 5-1/2	Boxed	50
TSF30080	5/16 x 6	Boxed	50
TSF30081	3/8 x 1	Boxed	100
TSF30082	3/8 x 1-1/4	Boxed	100
TSF30083	3/8 x 1-1/2	Boxed	100
TSF30084	3/8 x 1-3/4	Boxed	100
TSF30085	3/8 x 2	Boxed	100
TSF30086	3/8 x 2-1/2	Boxed	50
TSF30087	3/8 x 3	Boxed	50
TSF30088	3/8 x 3-1/2	Boxed	50
TSF30089	3/8 x 4	Boxed	50
TSF30090	3/8 x 4-1/2	Boxed	50
TSF30091	3/8 x 5	Boxed	50
TSF30092	3/8 x 5-1/2	Boxed	50
TSF30093	3/8 x 6	Boxed	50
TSF30095	3/8 x 7	Boxed	50
TSF30096	3/8 x 8	Boxed	50
TSF30106	1/2 x 1-1/2	Boxed	50
TSF30133	1/2 x 1-3/4	Boxed	50
TSF30107	1/2 x 2	Boxed	50
TSF30108	1/2 x 2-1/2	Boxed	50
TSF30109	1/2 x 3	Boxed	50
TSF30110	1/2 x 3-1/2	Boxed	25
TSF30111	1/2 x 4	Boxed	25
TSF30112	1/2 x 4-1/2	Boxed	25
TSF30113	1/2 x 5	Boxed	25
TSF30114	1/2 x 5-1/2	Boxed	25
TSF30115	1/2 x 6	Boxed	25
TSF30117	1/2 x 7	Boxed	25
TSF30118	1/2 x 8	Boxed	25
TSF30120	1/2 x 10	Boxed	25
TSF30153	5/8 x 2	Boxed	25
TSF30154	5/8 x 2-1/2	Boxed	25
TSF30155	5/8 x 3-1/2	Boxed	25
TSF30156	5/8 x 4-1/2	Boxed	25
TSF30157	5/8 x 5-1/2	Boxed	25
TSF30126	5/8 x 6	Boxed	25
TSF30127	5/8 x 7	Boxed	25
TSF30128	5/8 x 8	Boxed	25
TSF34069	3/4 x 2-1/2	Boxed	20
TSF30134	3/4 x 3	Boxed	20
TSF30144	3/4 x 3-1/2	Boxed	20
TSF30145	3/4 x 4-1/2	Boxed	20
TSF30136	3/4 x 5	Boxed	20
TSF34070	3/4 x 5-1/2	Boxed	20
TSF30137	3/4 x 6	Boxed	20
TSF30138	3/4 x 7	Boxed	20
TSF30139	3/4 x 8	Boxed	20

UNDERCUT SCREWS

FLAT HEAD PHILLIPS

- Zinc Plated
- Use For Hinges

Item #	Size (in.)	Type	Pcs.
TSF33121	12-24 x 1/2	Boxed	100
TSF32769	12-24 x 5/8	Boxed	100

TAP BOLTS

HEX HEAD

FASTENERS ARE AVAILABLE IN ZINC,HDG, 18-8 SS ,316 SS, 304/305 SS AND BRASS

Item #	Size (in.)	Type	Pcs.
TSF31609	1/4-20 x 1/2	Boxed	100
TSF31615	1/4-20 x 3/4	Boxed	100
TSF31616	1/4-20 x 1	Boxed	100
TSF31617	1/4-20 x 1-1/4	Boxed	100
TSF31618	1/4-20 x 1-1/2	Boxed	100
TSF31619	1/4-20 x 1-3/4	Boxed	100
TSF31620	1/4-20 x 2	Boxed	100
TSF31621	1/4-20 x 2-1/2	Boxed	100
TSF31622	1/4-20 x 3	Boxed	100
TSF31623	1/4-20 x 3-1/2	Boxed	100
TSF31624	1/4-20 x 4	Boxed	100
TSF31625	1/4-20 x 4-1/2	Boxed	100
TSF31626	1/4-20 x 5	Boxed	100
TSF31627	1/4-20 x 5-1/2	Boxed	100
TSF31628	1/4-20 x 6	Boxed	100
TSF34121	1/4-20 x 7	Boxed	100
TSF34122	1/4-20 x 8	Boxed	100
TSF31607	5/16-18 x 1/2	Boxed	100
TSF31629	5/16-18 x 3/4	Boxed	100
TSF31630	5/16-18 x 1	Boxed	100
TSF31631	5/16-18 x 1-1/4	Boxed	100
TSF31632	5/16-18 x 1-1/2	Boxed	100
TSF31633	5/16-18 x 1-3/4	Boxed	100
TSF31634	5/16-18 x 2	Boxed	100
TSF31635	5/16-18 x 2-1/2	Boxed	100
TSF31636	5/16-18 x 3	Boxed	100
TSF31637	5/16-18 x 3-1/2	Boxed	50
TSF31638	5/16-18 x 4	Boxed	50
TSF31639	5/16-18 x 4-1/2	Boxed	50
TSF31640	5/16-18 x 5	Boxed	50
TSF31641	5/16-18 x 5-1/2	Boxed	50
TSF31642	5/16-18 x 6	Boxed	50
TSF34123	5/16-18 x 7	Boxed	50
TSF34124	5/16-18 x 8	Boxed	50
TSF34435	5/16-18 x 10	Boxed	50
TSF34153	5/16-18 x 12	Boxed	50

Item #	Size (in.)	Type	Pcs.
TSF34154	3/8-16 x 1/2	Boxed	100
TSF31643	3/8-16 x 3/4	Boxed	100
TSF31644	3/8-16 x 1	Boxed	100
TSF31645	3/8-16 x 1-1/4	Boxed	100
TSF31646	3/8-16 x 1-1/2	Boxed	100
TSF31647	3/8-16 x 1-3/4	Boxed	100
TSF31648	3/8-16 x 2	Boxed	100
TSF31649	3/8-16 x 2-1/2	Boxed	50
TSF31650	3/8-16 x 3	Boxed	50
TSF31651	3/8-16 x 3-1/2	Boxed	50
TSF31652	3/8-16 x 4	Boxed	50
TSF31653	3/8-16 x 4-1/2	Boxed	50
TSF31654	3/8-16 x 5	Boxed	50
TSF31655	3/8-16 x 5-1/2	Boxed	50
TSF31656	3/8-16 x 6	Boxed	50
TSF31686	3/8-16 x 8	Boxed	50
TSF34125	3/8-16 x 10	Boxed	50
TSF34126	3/8-16 x 12	Boxed	50
TSF31672	1/2-13 x 1	Boxed	50
TSF31673	1/2-13 x 1-1/4	Boxed	50
TSF31674	1/2-13 x 1-1/2	Boxed	50
TSF31675	1/2-13 x 1-3/4	Boxed	50
TSF31676	1/2-13 x 2	Boxed	50
TSF31677	1/2-13 x 2-1/2	Boxed	50
TSF31678	1/2-13 x 3	Boxed	50
TSF31679	1/2-13 x 3-1/2	Boxed	25
TSF31680	1/2-13 x 4	Boxed	25
TSF31681	1/2-13 x 4-1/2	Boxed	25
TSF31682	1/2-13 x 5	Boxed	25
TSF31683	1/2-13 x 5-1/2	Boxed	25
TSF31684	1/2-13 x 6	Boxed	25
TSF34127	1/2-13 x 7	Boxed	25
TSF31604	1/2-13 x 8	Boxed	25
TSF31605	1/2-13 x 10	Boxed	25
TSF34128	1/2-13 x 12	Boxed	25
TSF34246	5/8-11 x 1-1/2	Boxed	25
TSF32866	5/8-11 x 2	Boxed	25
TSF34136	5/8-11 x 2-1/2	Boxed	25
TSF34130	5/8-11 x 3	Boxed	25
TSF34137	5/8-11 x 3-1/2	Boxed	25
TSF34152	5/8-11 x 4	Boxed	25
TSF34138	5/8-11 x 4-1/2	Boxed	25
TSF31575	5/8-11 x 5	Boxed	25
TSF34139	5/8-11 x 5-1/2	Boxed	25
TSF31576	5/8-11 x 6	Boxed	25
TSF34140	5/8-11 x 7	Boxed	25
TSF34131	5/8-11 x 8	Boxed	25
TSF31688	5/8-11 x 10	Boxed	25

TAP BOLTS

Item #	Size (in.)	Type	Pcs.
TSF31689	5/8-11 x 12	Boxed	25
TSF34144	3/4-10 x 2	Boxed	25
TSF34145	3/4-10 x 2-1/2	Boxed	25
TSF31690	3/4-10 x 3	Boxed	25
TSF34146	3/4-10 x 3-1/2	Boxed	25
TSF31606	3/4-10 x 4	Boxed	20
TSF34147	3/4-10 x 4-1/2	Boxed	20
TSF34132	3/4-10 x 5	Boxed	20
TSF34148	3/4-10 x 5-1/2	Boxed	20
TSF34133	3/4-10 x 6	Boxed	20
TSF31687	3/4-10 x 8	Boxed	20
TSF34134	3/4-10 x 10	Boxed	20
TSF34135	3/4-10 x 12	Boxed	20

HOT LAG BOLTS

HOT DIPPED GALVANIZED

• 100/Box

Item #	Size (in.)	Type	Pcs.
TSF34256	1/4 x 1-1/4	Boxed	100
TSF34264	1/4 x 4-1/2	Boxed	100
TSF34266	1/4 x 5-1/2	Boxed	100
TSF34270	5/16 x 1	Boxed	100
TSF34271	5/16 x 1-1/4	Boxed	100
TSF34284	3/8 x 1	Boxed	100

Item #	Size (in.)	Type	Pcs.
TSF34277	5/16 x 3-1/2	Boxed	50
TSF34279	5/16 x 4-1/2	Boxed	50
TSF34281	5/16 x 5-1/2	Boxed	50
TSF34299	1/2 x 1-1/2	Boxed	50
TSF34301	1/2 x 2	Boxed	50

Item #	Size (in.)	Type	Pcs.
TSF34304	1/2 x 3-1/2	Boxed	25
TSF34308	1/2 x 5-1/2	Boxed	25
TSF34314	1/2 x 2-1/2	Boxed	25
TSF34315	5/8 x 3	Boxed	25
TSF34316	5/8 x 3-1/2	Boxed	25
TSF34317	5/8 x 4	Boxed	25
TSF34318	5/8 x 5	Boxed	25
TSF34319	5/8 x 6	Boxed	25

Item #	Size (in.)	Type	Pcs.
TSF34323	3/4 x 3	Boxed	20
TSF34324	3/4 x 4	Boxed	20

Cat #	Dia. TPI	L Length	Drive System	Point Size	B Maximum Load-bearing Length*	Pcs per 1/4 Keg	Wt per 1/4 Keg
Pancake Head							
EBN300	10-16	1"	#2 phillips	2	0.500"	4,000	29
EBN320	12-14	1"	#2 phillips	3	0.500"	4,000	40

* The load-bearing length is the length of 300 series stainless under the hex, pan or pancake head or including the flat head. Hardened steel length (lead threads and point) should be through the connection and not in the load bearing section of the connection.

Identification

The head marking consists of the number "3" above the Elco® logo as shown to the right..

Flat, Pan and Pancake Head

MADE IN THE USA WITH GLOBAL MATERIALS

Fab-Lok® Fasteners

To maintain panel integrity in high-stress and high-vibration environments

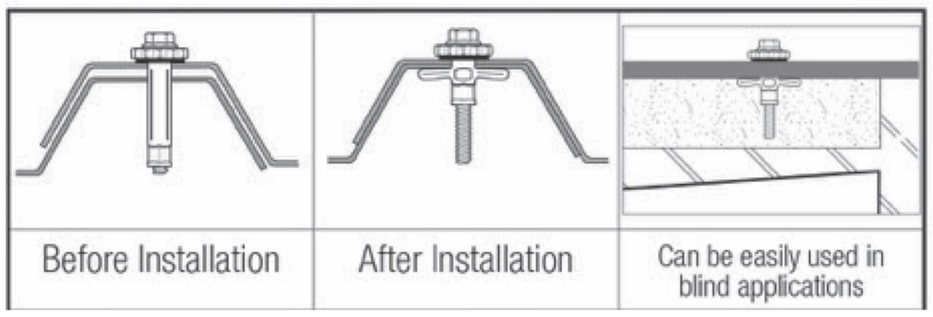
Vibration, either from inside or outside a building, can make ordinary fasteners loosen and back out. Fab-Lok fasteners combine a slotted aluminum sleeve and fastener to provide high resistance to vibration loosening. Excellent for use with insulated panels.

Specifications

- Drive System: Hex
- Materials: Low carbon steel or 300 series stainless steel screw with aluminum sleeve
- Finish: Zinc

Features & Benefits

- Hex washer head machine screw assembled to a slotted aluminum sleeve and EPDM sealing washer
- After tightening, clamping tines remain in place even if screw is removed
- Greater joint integrity with clamping force



Cat #	Description	Penetrating Length	Grip Range	Ctn Qty	Ctn Wt
Carbon Steel					
EZJ100	FAS-10-4	1.373"	.062" – .250"	1,000	22
EZJ120	FAS-10-8	1.612"	.250" – .500"	1,000	23
EZJ140	FAS-10-12	1.807"	.500" – .750"	1,000	27
H3 (300 Series) Stainless Steel					
EZJ210	FAC-10-4	1.373"	.062" – .250"	1,000	21
EZJ230	FAC-10-8	1.612"	.250 "– .500"	1,000	25
EZJ250	FAC-10-12	1.807"	.500" – .750"	1,000	27
Fab-Lok Drive Tools*					
EZJ900	Holding Sleeve with Socket			1	

*Fab-Lok fastener is inserted into a 5/16" hole (hole size is not critical) then installed with a power driver equipped with a Fab-Lok holding sleeve, with a socket designed to fit DEWALT® tools DCF622, DW267, DW268 and DW269. Max. 1000 RPM during installation.

Identification

Carbon Steel Screw: Elco Flag

Stainless Steel Screw: "F" Above "2"

MADE IN THE USA WITH GLOBAL MATERIALS

ConFlex® Large Diameter Concrete Screw Anchors

Enhanced ductility allows use in demanding exterior applications

ConFlex® masonry screws are engineered to provide high pull-out and shear values with virtual immunity to brittle failures.

Specifications

- Diameters: Oversized 1/4", 3/8" and 1/2"
- Material: Alloy steel
- Head Style: Hex washer head with locking serrations, flat head, TrimFit
- Thread Style: Double-lead
- Tensile Yield: 92,000 KSI min. (Grade 5); Tensile Ultimate: 120,000 KSI min. (Grade 5)

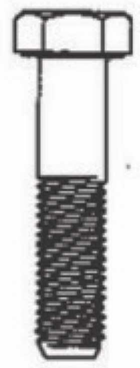
Features & Benefits

- Flex Technology® heat treat allows virtual immunity to brittle failures

STANLEY_SUPPLY.indd 58-59

A325 Structural Bolts

Available in Metric (A325M), M20, M22 & M25 diameters up to 170 mm in length. Plain, Hot Dip Galvanized & Mechanical Galvanized Finishes.



PLAIN LENGTH	HOT DIP LENGTH	MECHANICAL NIZED LENGTH
1-1/4		2
1-1/2		2-1/4
1-3/4		2-1/2
2		2-3/4
2-1/4		3
2-1/2		3-1/4
2-3/4		3-1/2
3		3-3/4
3-1/4		4
3-1/2		4-1/2
3-3/4		5
4		5-1/2
5/8 - 11		6
1-1/2		6-1/2
1-3/4		7
2		7-1/2
2-1/4		**1 - 8 NC**
2-1/2		2
2-3/4		2-1/4
3		2-1/2
3-1/4		2-3/4
3-1/2		3
3-3/4		3-1/4
4		3-1/2
4-1/2		3-3/4
5		4
5-1/2		4-1/2
3/4 - 10		5
1-1/2		5-1/2
1-3/4		6
2		6-1/2
2-1/4		7
2-1/2		7-1/2
2-3/4		**1 - 1/8 - 7**
3		2-1/4
3-1/4		2-1/2
3-1/2		2-3/4
3-3/4		3
4		3-1/4
4-1/2		3-1/2
5		3-3/4
5-1/2		4
6		4-1/2
6-1/2		5
7		6
7-1/2		6-1/2
8		7
9		7-1/2
9-1/2		
10		
7/8 - 9 I		
1-3/4		

Structural Bolt Dimensions

BOLT DIA.	THREAD LEN.	BOLT DIA.	THREAD LEN.
1/2"	1.00	1-1/8"	2.00
5/8"	1.25	1-1/4"	2.00
3/4"	1.38	1-3/8"	2.25
7/8"	1.50	1-1/2"	2.25
1"	1.75		

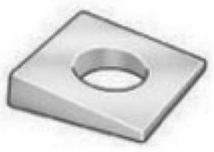
A490 Structural Bolts

- Plain
- ***SPECIAL COATINGS AVAILABLE***

LENGTH (INCH)	DIAMETER 5/8" - 11	3/4" - 10	7/8" - 9	1" - 8	1-1/8" - 7	1-1/4" - 7
	—	—	—	—	—	—
	1-1/2	1-1/2	—	—	—	—
	1-3/4	1-3/4	1-3/4	—	—	—
	2	2	2	2	—	—
	2-1/4	2-1/4	2-1/4	2-1/4	2-1/4	2-1/4
	2-1/2	2-1/2	2-1/2	2-1/2	2-1/2	2-1/2
	2-3/4	2-3/4	2-3/4	2-3/4	2-3/4	2-3/4
	3	3	3	3	3	3
	3-1/4	3-1/4	3-1/4	3-1/4	3-1/4	3-1/4
	3-1/2	3-1/2	3-1/2	3-1/2	3-1/2	3-1/2
	3-3/4	3-3/4	3-3/4	3-3/4	3-3/4	3-3/4
	4	4	4	4	4	4
	4-1/2	4-1/2	4-1/2	4-1/2	4-1/2	4-1/2
	5	5	5	5	5	5
	5-1/2	5-1/2	5-1/2	5-1/2	5-1/2	5-1/2
	—	6	6	6	6	6

Beveled Square Washers

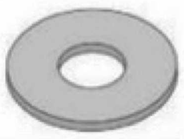
NOMINAL ID
1/4
5/16
3/8
1/2
5/8
3/4
7/8
1



PLAIN	HOT DIP GALVANIZED

A325 Flat Washers (AS™ F436)

- Plain or Hot Dip Galvanized Finish



SIZE	PLAIN	HDG
1/2		
5/8		
3/4		
7/8		
1		
1-1/8		
1-1/4		

Squirter® DTI's

- Flexible silicone embedded in depressions under bumps
- Tighten bolt until calibrated amount of orange silicone appears under the squirt locations

SIZE
3/4
7/8
1

A563 Grade DH & DH3 Structural Nuts

Grade DH -Plain, mechanical & hot dipped galvanized

Grade DH3 - Black Type III weathering steel

SIZE	DH	DH 3 TYPE III
1/2-13		
5/8-11		
3/4-10	ASTM A563 Grade C	ASTM A563 Grade C3
7/8-9		
1-8		
1-1/8-7	ASTM A563 Grade C	ASTM A563 Grade C3
1-1/4-7		

Heavy Hex Nuts Mechanical Properties

HEAVY HEX NUT TYPE	ROCKWELL HARDNESS	PROOF LOAD STRESS PLAIN	PROOF LOAD STRESS GALV.
C & C3	B78 - C38	144,000 psi	—
DH & DH3	C24 - C38	175,000 psi	150,000 psi
2H	C24 - C38	175,000 psi	—
Class 10S	C26 - C38	1245 mpa	1245 mpa

Grade C & C3 Nuts - Recommended for plain (non-galvanized) ASTM A325 High Strength Structural Bolts.

Grade DH & DH3 Nuts - Recommended for ASTM A490 & ASTM A325 Structural Bolts.

Grade A194 2H Nuts - Designed to be used with bolts in high-pressure & high temperature service.

Class A563M10S Nuts - Recommended for zinc-coated ASTM A32M high strength structural bolts. May be substituted for Class 8S nuts with approval

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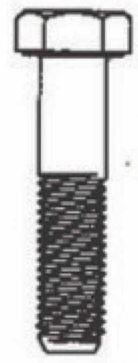
A325 Structural Bolts

Available in Metric (A325M), M20, M22 & M25 diameters up to 170 mm in length. Plain, Hot Dip Galvanized & Mechanical Galvanized Finishes.



PLAIN LENGTH	HOT DIP	MECHANICAL NIZED LENGTH
1-1/4		2
1-1/2		2-1/4
1-3/4		2-1/2
2		2-3/4
2-1/4		3
2-1/2		3-1/4
2-3/4		3-1/2
3		3-3/4
3-1/4		4
3-1/2		4-1/2
3-3/4		5
4		5-1/2
5/8 - 11		6
1-1/2		6-1/2
1-3/4		7
2		7-1/2
2-1/4		**1 - 8 NC**
2-1/2		2
2-3/4		2-1/4
3		2-1/2
3-1/4		2-3/4
3-1/2		3
3-3/4		3-1/4
4		3-1/2
4-1/2		3-3/4
5		4
5-1/2		4-1/2
3/4 - 10		5
1-1/2		5-1/2
1-3/4		6
2		6-1/2
2-1/4		7
2-1/2		7-1/2
2-3/4		**1 - 1/8 - 7**
3		2-1/4
3-1/4		2-1/2
3-1/2		2-3/4
3-3/4		3
4		3-1/4
4-1/2		3-1/2
5		3-3/4
5-1/2		4
6		4-1/2
6-1/2		5
7		6
7-1/2		6-1/2
8		7
9		7-1/2
9-1/2		
10		
7/8 - 9 I		
1-3/4		

Structural Bolt Dimensions

BOLT DIA.	THREAD LEN.	BOLT DIA.	THREAD LEN.
1/2"	1.00	1-1/8"	2.00
5/8"	1.25	1-1/4"	2.00
3/4"	1.38	1-3/8"	2.25
7/8"	1.50	1-1/2"	2.25
1"	1.75		

A490 Structural Bolts

- Plain
- ***SPECIAL COATINGS AVAILABLE***

LENGTH (INCH)	DIAMETER 5/8" - 11	3/4" - 10	7/8" - 9	1" - 8	1-1/8" - 7	1-1/4" - 7
	–	–	–	–	–	–
	1-1/2	1-1/2	–	–	–	–
	1-3/4	1-3/4	1-3/4	–	–	–
	2	2	2	2	–	–
	2-1/4	2-1/4	2-1/4	2-1/4	2-1/4	2-1/4
	2-1/2	2-1/2	2-1/2	2-1/2	2-1/2	2-1/2
	2-3/4	2-3/4	2-3/4	2-3/4	2-3/4	2-3/4
	3	3	3	3	3	3
	3-1/4	3-1/4	3-1/4	3-1/4	3-1/4	3-1/4
	3-1/2	3-1/2	3-1/2	3-1/2	3-1/2	3-1/2
	3-3/4	3-3/4	3-3/4	3-3/4	3-3/4	3-3/4
	4	4	4	4	4	4
	4-1/2	4-1/2	4-1/2	4-1/2	4-1/2	4-1/2
	5	5	5	5	5	5
	5-1/2	5-1/2	5-1/2	5-1/2	5-1/2	5-1/2
	–	6	6	6	6	6

Beveled Square Washers

NOMINAL ID
1/4
5/16
3/8
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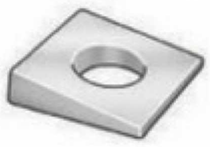
5/8
3/4
7/8
1



A563 Grade DH & DH3 Structural Nuts

Grade DH -Plain, mechanical & hot dipped galvanized

Grade DH3 - Black Type III weathering steel

SIZE	DH	DH 3 TYPE III
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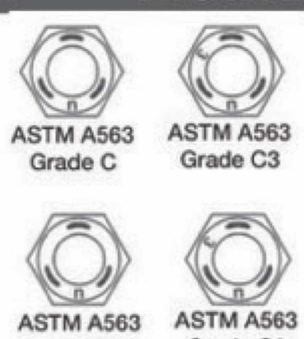
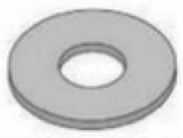
5/8-11		
3/4-10	ASTM A563 Grade C	ASTM A563 Grade C3
7/8-9		
1-8		
1-1/8-7	ASTM A563 Grade C	ASTM A563 Grade C3
1-1/4-7		



PLAIN HOT DIP GALVANIZED

A325 Flat Washers (AS™ F436)



- Plain or Hot Dip Galvanized Finish

SIZE	PLAIN	HDG
1/2		
5/8		
3/4		
7/8		
1		
1-1/8		
1-1/4		

Squirter® DTI's

- Flexible silicone embedded in depressions under bumps
- Tighten bolt until calibrated amount of orange silicone appears under the squirt locations

SIZE
3/4
7/8
1

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HOHMANN & BARNARD, INC.

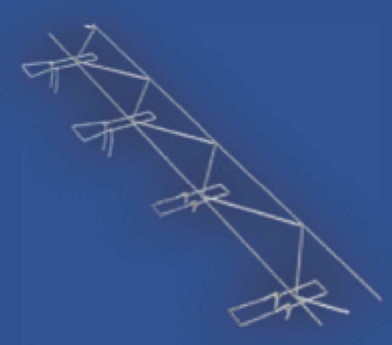
ALL THINGS MASONRY

ANCHORS & REINFORCEMENT

2-SEAL™ Thermal Wing Nut

DW-10-HS

220 Ladder Mesh

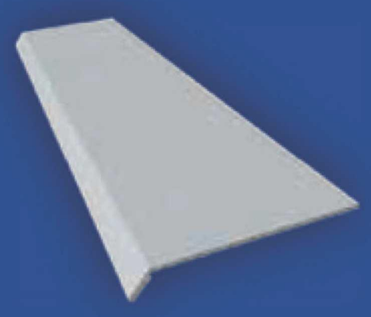


170 Truss Eye-Wire

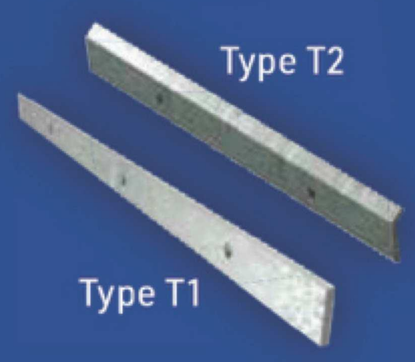
MOISTURE CONTROL

TEXTROFLASH™

LIGHTNING-FLASH™



Drip Plate



Termination Bars

AIR & VAPOR BARRIERS

ENVIRO-BARRIER™ Silicone

ENVIRO-BARRIER™ VP

ENVIRO-BARRIER™

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SPIRA-LOK® THE ORIGINAL HELICIAL WALL TIE SYSTEM

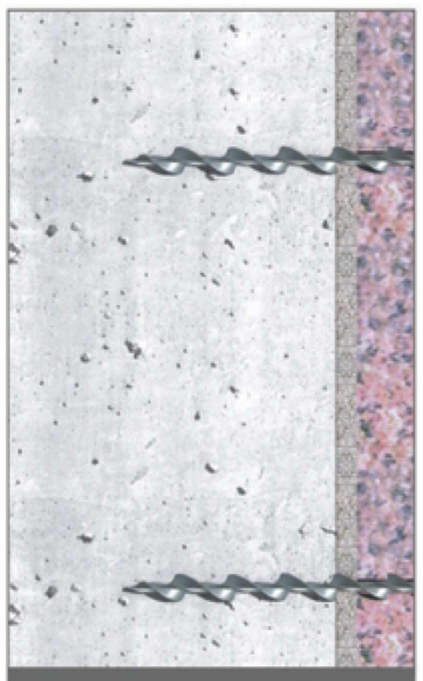
A one-piece, flexible stainless steel wall tie for pinning masonry to new or existing walls. Also suitable for temporary support for lintel and shelf angle replacement. The dry-set technique may involve various tie diameters, drill bits and installation tools.

AVAILABLE: 8 mm or 10 mm diameter x 6-1/8" (155 mm) up to 24" (600 mm) long in Stainless Steel Type 304. (316 available by special order).

SPECIAL FEATURES:

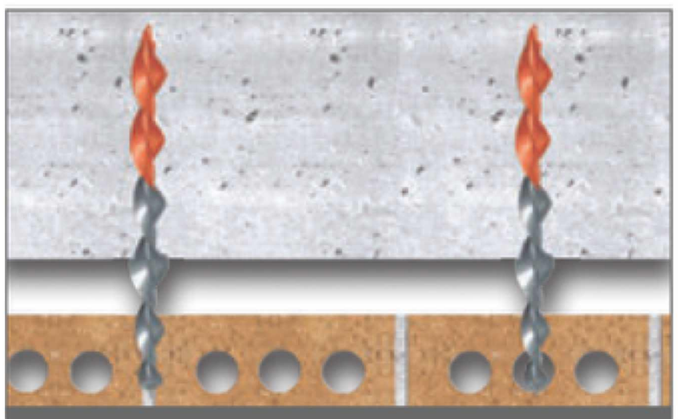
- Only a small diameter pilot hole required
- No toxic adhesives or expansion devices
- Functional in a wide variety of building materials
- Able to withstand cyclic loading
- Accommodates differential movement between materials
- Does not stress or fracture fragile substrates

NOTE: An on-site survey should be carried out prior to project tendering to determine material strength, tie diameter & length, pilot hole size and appropriate drilling technique

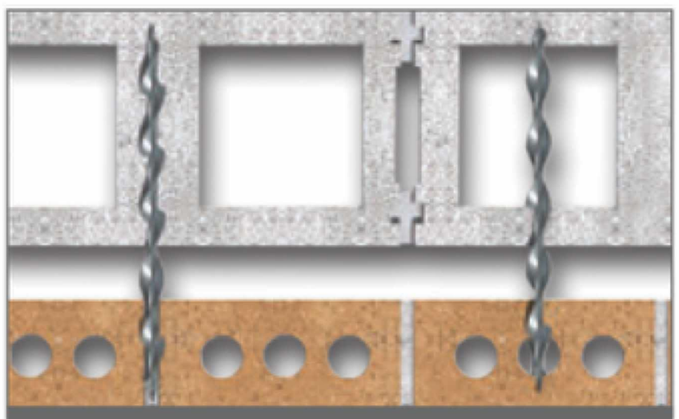


DIMENSIONAL STONE
(to concrete or masonry)

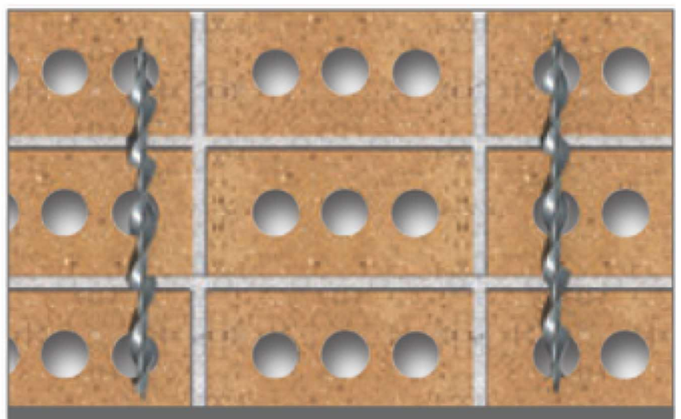
INTERIOR: STEEL OR WOOD STUD



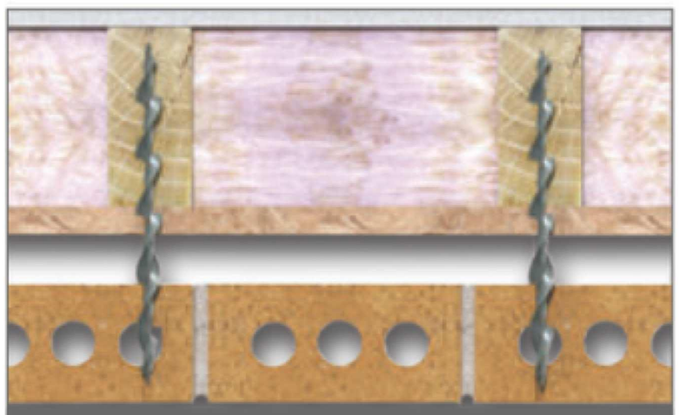
BRICK TO CONCRETE
(mortar joint or solid brick)



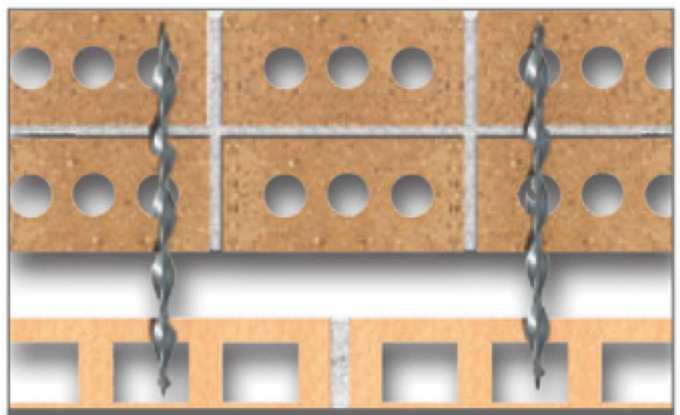
BRICK TO CONCRETE BLOCK



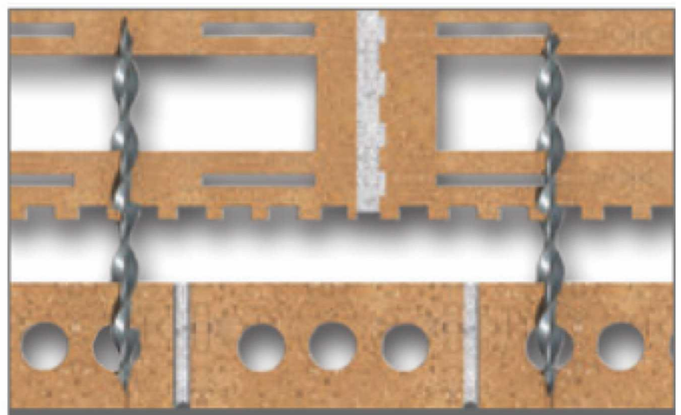
MULTI-WYTHE BRICK



BRICK TO WOOD STUD
(mortar joint or solid brick)



TERRA COTTA TO MASONRY



BRICK TO CLAY TILE

SPIRA-LOK®

The Original Helicial Wall Tie System

BLOK-LOK

SPIRA-LOK® INSTALLATION

Installation techniques have evolved to optimize the performance of the **Spira-Lok® Wall Tie System.** Installation procedures are available along with product specifications for typical masonry stabilization. Rotary percussion drilling usually achieves the best results.

TOOLS AND ACCESSORIES

All installation components required, whether it be new construction, refacing, or a dry set pinning application are available from Blok-Lok. Blok-Lok drill bits and setting tools are required for proper **Spira-Lok®** anchor installations.

TYPICAL SPIRA-LOK® MASONRY BIT SIZE (MM)

		BACK-UP MATERIAL					
Facade Material	Spira-Lok	Mortar Joint	Brick	CMU	Concrete	Wood Stud	Metal Stud
Mortar Joint	8mm	5.0	AS	5.0	AS	5.0	5.0
	10mm	6.5	AS	6.5	AS	6.5	6.5
Brick	8mm	6.5/5.0	6.5	6.5/5.0	6.5	6.5/5.0	6.5/5.0
	10mm	8.0/6.5	8.0	8.0/6.5	8.0	8.0/6.5	8.0/6.5
CMU	8mm	5.0	AS	5.0	AS	5.0	5.0
	10mm	6.5	AS	6.5	AS	6.5	6.5
Precast Concrete	8mm	6.5/5.0	6.5	6.5/5.0	6.5	6.5/5.0	6.5/5.0
	10mm	8.0/6.5	8.0	8.0/6.5	8.0	8.0/6.5	8.0/6.5
Stone	8mm	6.5/5.0	6.5	6.5/5.0	6.5	6.5/5.0	6.5
	10mm	8.0/6.5	8.0	8.0/6.5	8.0	8.0/6.5	8.0

Facade Hole / Back-up Hole | AS = Asymmetric Anchor Required

TIE SELECTION

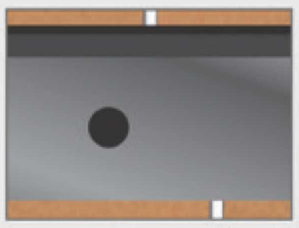
- Available in 8.0 mm and 10.0 mm diameters.
- Tie length to suit wall conditions having a nominal facade width of 4 inches.
- Ties are produced from austenitic stainless steel Type 304. Type 316 Stainless is also available for more severe corrosive environments.

SPIRA-LOK® LENGTH SELECTION

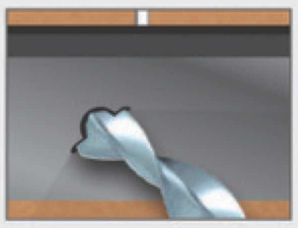
Catalog #	Nominal Length	Minimum Drilled Hole Depth	Cavity Range	
			CMU	Concrete
HWT-155	6-1/8"	6-5/8"	1-1/8" – 0	1-1/2" – 0
HWT-170	6-5/8"	7-1/8"	1-5/8" – 0	2-1/2" – 1-1/2"
HWT-195	7-5/8"	8-1/8"	2-5/8" – 0	3-1/2" – 2-1/2"
HWT-220	8-5/8"	9-1/8"	3-5/8" – 0	4-1/2" – 3-1/2"
HWT-245	9-7/8"	10-1/8"	4-7/8" – 0	5-5/8" – 4-5/8"
HWT-270	10-7/8"	11-3/8"	5-7/8" – 0	6-5/8" – 5-5/8"
HWT-295	11-7/8"	12-3/8"	6-7/8" – 0	7-5/8" – 6-5/8"
HWT-330	13-1/4"	14"	8-1/4" – 0	8-3/4" – 7-3/4"

NOTE: The SDS rotary hammer is ALWAYS used with the dry set insertion tool to install the **Spira-Lok® Wall Tie.**

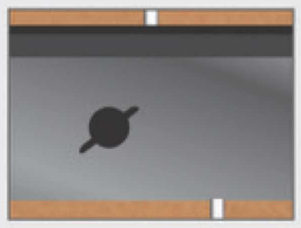
INSTALLATION MECHANISM



1. Drill a pilot hole through the veneer and into the substrate.

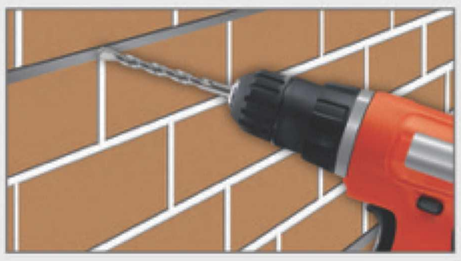


2. Tie cuts a helical channel through both wythes of the wall.



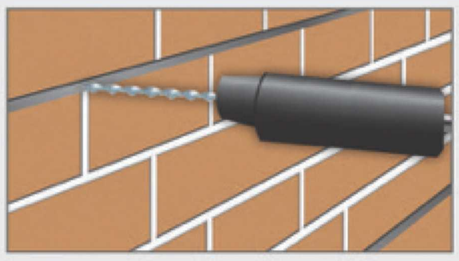
3. Helical channel with "slots" offers resistance to compressive and tensile loads.

SPIRA-LOK® INSTALLATION



STEP 1: Drill a pilot hole using percussion hammer drill (3-jaw chuck type) through the mortar joint and into the block back-up.

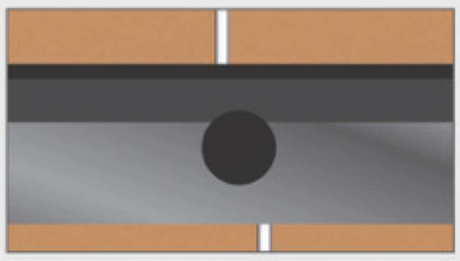
STEP 2: Insert the Spira-Lok Wall Tie into the dry set installation tool mounted on the rotary hammer S.D.S. drill.



STEP 3.1: Drive the Spira-Lok Wall Tie through the mortar joint and into the back-up.

STEP 3.2: Drive the Tie until the nose of the dry set installation tool is hard against the veneer.

STEP 4: The dry set installation tool automatically recesses the Spira-Lok Wall Tie into the face of the masonry.



STEP 5: Cap the pilot hole with an aesthetically compatible material.

Heli-Tie™

Helical Wall Tie

The Heli-Tie helical wall tie is a stainless-steel helical tie used to anchor building façades to structural members or to stabilize multiple-wythe brick walls.

The helical design allows the tie to be driven quickly and easily into a predrilled pilot hole (or embedded into mortar joints in new construction) to provide a mechanical connection between a masonry façade and its backup material or between multiple wythes of brick. As it is driven, the fins of the tie undercut the masonry to provide an expansion-free anchorage that will withstand tension and compression loads.

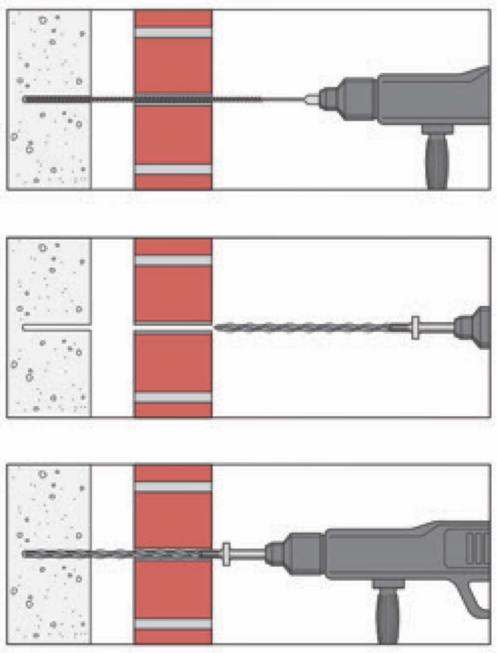
The Heli-Tie wall tie is installed into a predrilled hole using a proprietary setting tool with an SDS-plus® shank rotary hammer to drive and countersink the tie. Heli-Tie wall ties perform in concrete and masonry as well as wood and steel studs.

Heli-Tie Helical Wall Tie
US Patent 7,269,987

Features

- Installs quickly and easily — with the rotary hammer in hammer mode, the tie installs faster than competitive products.
- Provides an inconspicuous repair that preserves the appearance of the building. After installation, the tie is countersunk up to ½" below the surface, allowing the tie location to be patched.
- Larger core diameter provides higher torsional capacity, resulting in less deflection due to "uncoiling" under load.
- Fractionally sized anchor — no metric drill bits required.
- Patented manufacturing process results in a more uniform helix along the entire tie, allowing easier driving and better interlock with the substrate.

Installation Sequence



Material: Type 304 stainless steel (Type 316 available by special order — contact Simpson Strong-Tie for details)

Test Criteria: CSA A370

Installation

- Drill pilot hole through the façade material and into the backup material to the specified embedment depth + 1" using appropriate drill bit(s) in the chart below. Drill should be in rotation-only mode when drilling into soft masonry or into hollow backing material.
- Position blue end of the Heli-Tie™ fastener in the installation tool and insert the tie into the pilot hole.
- With the SDS-plus rotary hammer in hammer mode, drive the tie until the tip of the installation tool enters the exterior surface of the masonry and countersinks the tie below the surface. Patch the hole in the façade with a matching masonry mortar.

Heli-Tie Helical Wall Tie Product Data

Size (in.)	Model No.	Drill Bit Dia. (in.)	Quantity	
			Box	Carton
⅜ x 7	HELI37700A	7/32 or ¼	50	400
⅜ x 8	HELI37800A		50	400
⅜ x 9	HELI37900A		50	400
⅜ x 10	HELI371000A		50	200
⅜ x 11	HELI371100A		50	200
⅜ x 12	HELI371200A		50	200
⅜ x 14	HELI371400A		50	200
⅜ x 16	HELI371600A		50	200
⅜ x 18	HELI371800A		50	200
⅜ x 20	HELI372000A		50	200

Special-order lengths are also available; contact Simpson Strong-Tie for details.

Heli-Tie Fastener Installation Tool — Model HELITOOL37A
Required for correct installation of Heli-Tie wall ties. Speeds up installation and automatically countersinks the tie into the façade material.

THREADED ROD

B7 ALL-THREAD ROD

Heat treated alloy steel that is quenched and tempered

- **A307 Grade A**
- **A307 Grade**
- **A193 Grade B**
- **A193 Grade B8 (304 SS**
- **A193 Grade B8M (316 SS**

⚠ WARNING ⚠
This product can expose you to chemicals including Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. - **www.P65Warnings.ca.gov**

STAINLESS STEEL THREADED ROD

coarse thread

- Available in a wide variety of dimensions, lengths, and finishes
- Rolled thread to UNC Class 1A

SIZE
1/2"
5/8"
3/4"
7/8"
1"
1-1/8"
1-1/4"

ZINC PLATED, ALL-THREAD ROD

Low-carbon steel, coarse thread

- Sold by the footZinc plating helps prevent corrosion rate in a typical environment
- Low-carbon steel, coarse thread

SIZE
1/4"
3/8"
1/2"
5/8"
3/4"
7/8"
1"

AVAILABLE 6' AND 12' LENGHTS

HOT DIPPED GALVANIZED, ALL-THREAD ROD

Pre-cut lengths

- Typically used by the plumbing and contracting trades
- Hot dipped galvanized finish protects the bolt from corrosion
- Meets ASTM A307 Grade A specifications
- Zinc-plated
- Features durable steel construction
- Suitable for indoor and outdoor projects

AVAILABLE 6' AND 12' LENGHTS

SIZE
3/8"
1/2"
5/8"
3/4"
7/8"
1"
1-1/8"
1-1/4"

⚠ WARNING ⚠
This product can expose you to chemicals including Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. - **www.P65Warnings.ca.gov**

Studs Cut to Length

HDU AND HDQ HOLDOWNS

SIMPSON Strong-Tie

HDQ, HDU and HD series

- Supplied with Strong-Drive® SDS screws

PRODUCT NO.	DESCRIPTION
HD3B	HD3B BOLTED HOLDOWN
HD5B	HD5B BOLTED HOLDOWN
HD7B	HD7B BOLTED HOLDOWN
HD9B	HD9B BOLTED HOLDOWN
HD12	HD12 BOLTED HOLDOWN
HD19	HD19 BOLTED HOLDOWN
HDU2	HDU2 SDS2.5 W/SCREWS
HDU4	HDU4 SDS2.5 W/SCREWS
HDU5	HDU5 SDS2.5 W/SCREWS
HDU8	HDU8 SDS2.5 W/SCREWS
HDU11	HDU11 SDS2.5 W/SCREWS
HDU14	HDU14 SDS2.5 W/SCREWS
HDQ8SDS3	HDQ8 SDS3 W/SCREWS
DTT2Z	MULTIPURPOSE HOLDOWN

⚠ WARNING ⚠
Cancer Harm - **www.P65Warnings.ca.gov**

STC ROOF TRUSS CLIPS

SIMPSON Strong-Tie

For alignment control between a roof truss and nonbearing walls

- 1-1/2" slot permits vertical truss chord movement when loads are applied
- 18 gauge
- Galvanized finish

PRODUCT NO.
STC

A34 FRAMING ANCHOR

SIMPSON Strong-Tie

- Use with 8, 8d x 1-1/2" nails
- Sold as 100 per pack (priced per unit)

PRODUCT NO.
A34

GABLE END WALL CONNECTOR

SIMPSON Strong-Tie

Attaches to gable trusses and provides good lateral wind resistance

- Zinc galvanized finish containing 0.90 ounces of zinc per square foot of surface area
- Includes: 10 gusset angles, 40 SDS 1/4" x 1-1/2" screws and 40 SDS 1/4" x 3" screws

PRODUCT NO.
HGA10KT

A35 FRAMING ANCHOR

SIMPSON Strong-Tie

Instant, accurate field bends for all two- and three-way ties

- Use with 9d/12d x 1-1/2" nails
- Sold as 100 per pack (priced per piece)

PRODUCT NO.	FINISH
A35Z	HOT DIP GALVANIZED
A35	ZINC GALVANIZED FINISH

DOUBLE-SHEAR JOIST HANGER

SIMPSON Strong-Tie

Allows for fewer nails and fast installation

- Double-shear nailing distributes the load for greater strength
- Use 10d common nails for header and joist
- Codes: ICC-ES ESR, City of L.A., Florida

PRODUCT NO.	SIZE	GAUGE
HUS18110	1-3/16" X 8-7/8" X 3"	14
LUS282	3-1/8" X 7-3/16" X 2"	14
HUS410	3-9/16" X 8-15/16" X 2"	14
HUS412	3-9/16" X 10-1/2" X 2"	14
HUS26	1-5/8" X 5-3/8" X 3"	16
LUS24	1-9/16" 3-1/8" 1-3/4"	18
LUS26	1-9/16" X 4-3/4" X 1-3/4"	18
LUS28	1-9/16" X 6-5/8" X 1-3/4"	18
LUS210	1-9/16" X 7-13/16" X 1-3/4"	18
LUS2102	3-1/8" X 9" X 2"	18
LUS46	3-9/16" X 4-3/4" X 2"	18

LSSJ FIELD-ADJUSTABLE JACK HANGER

SIMPSON Strong-Tie

Accommodates roof pitches from 0:12 to 12:12

- Versatile hinged swivel seat adjusts easily and provides more support ot joist for higher loads
- Straightforward design makes installation quick and intuitive
- Flange design for easy skew adjustment from 0° to 45°
- ZMAX® coating
- Can be installed as a retrofit

PRODUCT NO.	DESCRIPTION
LSSJ210RZ	1-9/16" X 8" RIGHT-SIDE SKEWED
LSSJ210LZ	1-9/16" X 8" LEFT-SIDE SKEWED

URFP RETROFIT FOUNDATION PLATES

SIMPSON Strong-Tie

Increased load while maintaining adjustability during installation

- Longitudinal embossments, stiffening darts, and scalloped slotted holes
- Allows for one-for-one replacement of 1/2" or 5/8" mudsill anchors
- 14-gauge galvanized steel

Includes: 1/4" x 3" SDS heavy-duty connector screws

PRODUCT NO.	DESCRIPTION
URFPSDS3	W/SDS SCREWS
URFPSDS3B	W/SDS SCREWS - BULK (570CT)

⚠ WARNING ⚠
Cancer Harm - **www.P65Warnings.ca.gov**

LTP4/LTP5 LATERAL TIE PLATES

SIMPSON Strong-Tie

Transfers shear forces for top plate-to-rim joist or blocking connections

- The larger LTP5 spans subfloor at the top of the blocking or rim joist. The embossments enhance performance and the min/max nailing option allows for design flexibility
- Nail holes are spaced to prevent wood splitting for single and double top plate applications. May be installed over plywood sheathing

PRODUCT NO.	SIZE
LTP4	3" X 4-1/4"
LTP5	4-1/2" X 5-1/8"

STC/STCT/DTC ROOF TRUSS CLIPS

SIMPSON Strong-Tie

For alignment control between a roof truss and nonbearing walls

PRODUCT NO.
DTC

HHDQ HOLDOWNS

SIMPSON Strong-Tie

The HHDQ series of holdowns combines low deflection and high loads with ease of installation

- Simpson Strong-Tie® Strong-Drive® SDS screws install easily, reduce fastener slip and provide a greater net section area of the post when compared to bolts
- HHDQ may be installed either flush or raised off the mudsill without a reduction in load value

PRODUCT NO.	SIZE
HHDQ11	3" X 15-1/8" X 3-1/2"
HHDQ14	3" X 18-3/4" X 3-1/2"

⚠ WARNING ⚠
Cancer Harm - **www.P65Warnings.ca.gov**

H1 HURRICANE TIES

SIMPSON Strong-Tie

Provides resistance to uplift and lateral forces

- Designed to help counter the effect of high wind and seismic events on a structure
- The brand most specified on building plans
- Approved for use with Simpson Strong-Tie® Strong-Drive® Structural-Connector Screw

PRODUCT NO.	DESCRIPTION
H10A	H10A HURRICANE TIE
H1	H1 HURRICANE TIE
H8	H8 HURRICANE TIE

SEISMIC AND HURRICANE TIES

SIMPSON Strong-Tie

Connects truss/rafter to top of wood-framed walls

- Help resist wind and seismic forces
- The brand most specified on building plans
- Approved for use with Simpson Strong-Tie® Strong-Drive® Structural-Connector Screws

PRODUCT NO.	DESCRIPTION
H2A	H2A HURRICANE TIE
H3	H3 HURRICANE TIE
H25A	H2.5A HURRICANE TIE
137H6	H6 HURRICANE TIE

MST HEAVY STRAP TIES

SIMPSON Strong-Tie

Designed to transfer tension loads in a wide variety of applications

- Designed for connections between 3 1/2" or larger wood members
- Made from 10 gauge steel
- Galvanized for extra corrosion resistance

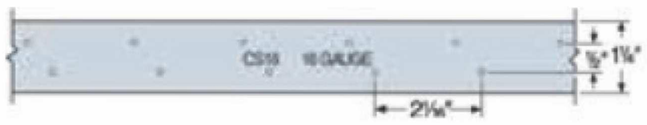
PRODUCT NO.	SIZE
MST72	2-1/6" X 72"
MST37	2-1/6" X 37-1/2"
MST27	2-1/6" X 27"
MST60	2-1/6" X 37-1/2"
MST48	2-1/6" X 48"

COILED STRAPS

SIMPSON Strong-Tie

Utility straps you cut to length on the job site

- Packaged in lightweight cartons
- Some models available in ZMAX



PRODUCT NO.	SIZE	DESCRIPTION
CMST12	12 GA	40'/BX
CMST14	14 GA	52-1/2'/BX
CS20	20 GA	250'/BOX
CMSTC16	16 GA	54'/BX
CS14	14 GA	100'/BX
CS16R	16 GA	25'/BX
CS16	16 GA	150'/BX
CS18	18 GA	200'/BX

ST STRAP TIE

SIMPSON Strong-Tie

Designed to help resist tension forces and has a staggered nail pattern that reduces the possibility of the wood splitting

- Made from 16 gauge steel
- Galvanized for extra corrosion resistance
- Install with (28) 16d common nails or #10 x 1 1/2" Strong-Drive® SD screws

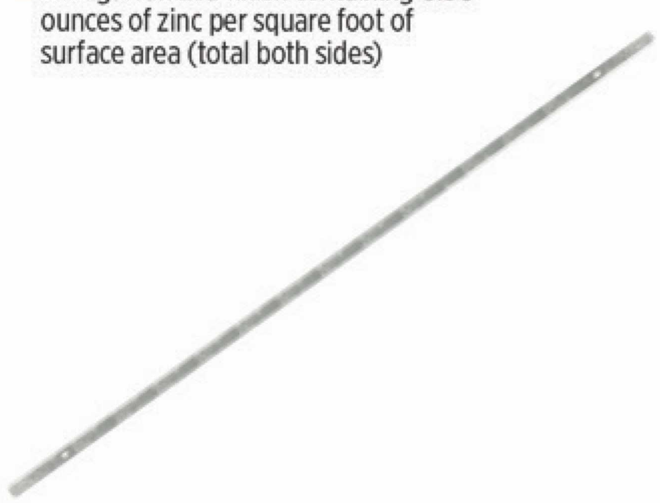
PRODUCT NO.	SIZE
ST6236	2-1/6' X 33-13/16"
ST6224	2-1/16" X 23-5/16"

MEDIUM STRAP TIES

SIMPSON Strong-Tie

16 gauge

- Use with 10d fasteners
- Zinc galvanized finish containing 0.90 ounces of zinc per square foot of surface area (total both sides)



PRODUCT NO.	SIZE
MSTA49	1-1/4" X 49"
MSTA36	1-1/4" X 36"

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COUNTERSUNK STRAP TIES

SIMPSON Strong-Tie

16 gauge (MSTC28, MSTC40, MSTC52); 14 gauge (MSTC66, MSTC78)

- Use with 16d sinkers
- Zinc galvanized finish containing 0.90 ounces of zinc per square foot of surface area (total both sides)
- Coined edges ensure safer handling

PRODUCT NO.	SIZE
MSTC28	3" X 28-1/4"
MSTC40	3" X 40-1/4"
MSTC52	3" X 52-1/4"
MSTC66	3" X 65-3/4"
MSTC78	3" X 77-3/4"

RPS STRAP TIES

SIMPSON Strong-Tie

Designed to help resist tension loads

- Fasten where plates or soles are cut, at wall intersections or as a ridge tie
- Loads based on minimum member thickness of 4"
- Staggered nail pattern
- Galvanized for extra corrosion resistance
- Install with (12) 16d common nails

PRODUCT NO.	DESCRIPTION
RPS18	RPS18 STRAPTIE
RPS22	RPS22 STRAPTIE

MSTI STRAP TIES

SIMPSON Strong-Tie

12 gauge

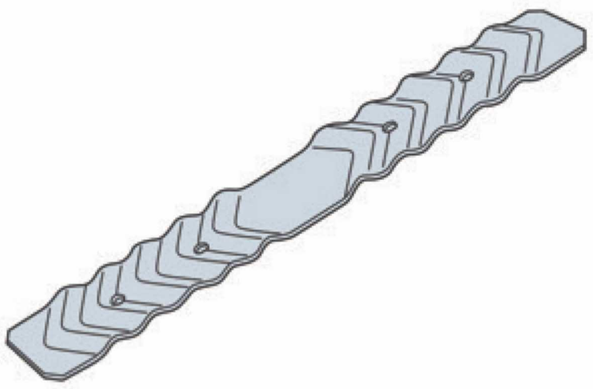
- Use with 10d x 1-1/2" fasteners
- Zinc galvanized finish containing 0.90 ounces of zinc per square foot of surface area (total both sides)

PRODUCT NO.	LENGTH
MSTI26	26"
MSTI48	48

BT BRICK TIES

SIMPSON Strong-Tie

Provide a connection between the wood structure and brick facade



PRODUCT NO.
BT28

MSTCB PRE-BENT STRAPS

SIMPSON Strong-Tie

Designed to transfer tension load from an upper-story shearwall to a beam on the story below

- 14-gauge galvanized steel construction
- ICC-ES ESR-2105 and ESR-2523 compliant

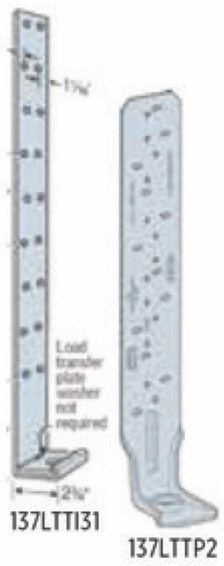
PRODUCT NO.	SIZE
MSTC48B3	3" X 9-1/4"

LIGHT TENSION TIES

SIMPSON Strong-Tie

The entire line of tension ties has been tested and evaluated to the requirements of AC155

- The LTTP2 is designed for wood attachment to concrete or masonry walls. It features features two separate nailing patterns: obround holes spaced 3" apart for I-joist purlins and square holes spaced for the narrow face of 2x solid-sawn purlins
- The LTTI31 is designed for wood chord open web truss attachments to concrete or masonry walls and may also be installed vertically on a minimum 2x6 stud



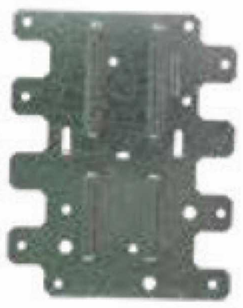
PRODUCT NO.	DESCRIPTION
LTTI31	LTTI31 TENSION TIE
LTTP2	LTTP2 TENSION TIE

RBC ROOF BOUNDARY CLIP

SIMPSON Strong-Tie

Designed to aid installation and transfer shear loads between the roof diaphragm and wall

- The locator tabs make proper location of the clip easy
- Can be used on wood or masonry walls and will handle roof pitches from 0/12 to 12/12



PRODUCT NO.
137RBC

HIGH TENSION TIE

SIMPSON Strong-Tie

11 gauge

- Optimized nailing pattern gives better performance with less deflection
- Resists tension loads fastened with nails
- 7/16" Seat thickness and 5/8" anchor bolt diameter
- Use with 10d x 1-1/2" or 16d x 2-1/2" fasteners

PRODUCT NO.	SIZE
HTT5	2-1/2" W X 12-3/8" L X 1-3/8" CL
HTT4	2-1/2" W X 16" L X 1-3/8" CL

STRAP TIE HOLDOWN

SIMPSON Strong-Tie

Embedded strap-tie holdown offering high-load capacity and a staggered nail pattern to help minimize splitting

- The nailing pattern allows for nailing to the edges of double 2x
- Strap nail slots are countersunk to provide a lower nail head profile
- The slots below the embedment line enable increased front-to-back concrete bond and help to reduce spalling
- Rim joist models accommodate up to a 17" clear span without any loss of strap nailing

PRODUCT NO.	DESCRIPTION
LSTHD8	18-5/8" STANDARD (NEW)
STHD10	24-5/8" STANDARD
STHD14	26-1/8" STANDARD
STHD10RJ	24-5/8" RIM JOIST
STHD14RJ	24-5/8" RIM JOIST

ST STRAP TIES

SIMPSON Strong-Tie

1-1/4" x 21-5/8"

- 16 gauge
- Use with 16d fasteners
- Zinc galvanized finish containing 0.90 ounces of zinc per square foot of surface area (total both sides)
- Straps are designed to transfer tension loads in a wide variety of applications

PRODUCT NO.
ST22

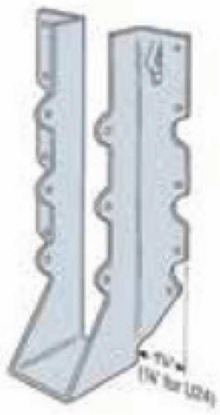
STANLEY_SUPPLY.indd 68-69

HUCQ HEAVY-DUTY JOIST HANGER

SIMPSON Strong-Tie

Incorporates Simpson Strong-Tie® Strong-Drive® SDS screws

- Designed and tested for installation at the end of a beam or on a post, they provide a strong connection with fewer fasteners than nailed hangers
- 14 gauge
- Galvanized

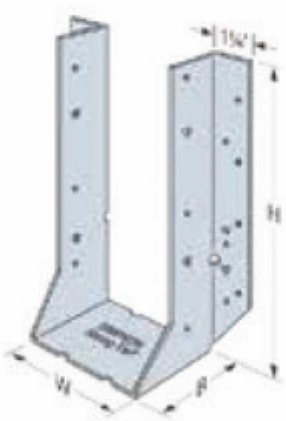


HEAVY-DUTY HUCQ JOIST HANGER

PRODUCT NO.	DESCRIPTION
HUCQ18111	1-3/4"W X 11"H X 3"B
HUCQ410	3-9/16"W X 9"H X 3"B
HUCQ412	3-9/16"W X 11"H X 3"B
HUCQ610	5-1/2"W X 9"H X 3"B
HUCQ612SD	5-1/2"W X 11"H X 3"B

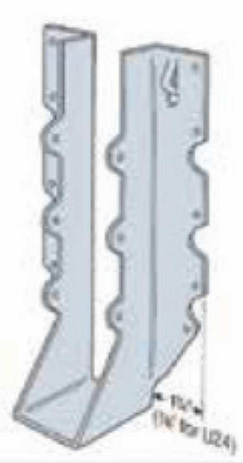
HEAVY-DUTY HUC JOIST HANGER CONCEALED/REVERSE FLANGE

PRODUCT NO.	SIZE
HUC2102	2-1/2" X 3 1/8" X 8-1/8"
HUC46	3-9/16"W X 5-3/16"H X 2-1/2"B
HUC48	3-9/16"W X 6-13/16" X 2-1/2"B
HUC410	3-9/16"W X 8-15/16" X 2-1/2"
HUC412	3-9/16"W X 10-5/16"H X 2-1/2"B
HUC414	2-1/2 X 3-9/16 X 12-5/8"
HUC68	5-1/2"W X 5-13/16"H X 2-1/2"B
HUC610	5-1/2"W X 8-3/2"H X 2"B
HUC612	5-1/2"W X 9-1/2"H X 2-1/2"B



HEAVY-DUTY HU JOIST HANGER

PRODUCT NO.	GAUGE	DESCRIPTION
HU7	14	1-13/16"W X 6-11/16"H X 2-1/2"B
HU9	14	1-13/16"W X 9-5/16"H X 2-1/2"B
HU11	14	1-13/16"W X 11-1/16"H X 2-1/2"B
HU14	14	1-13/16"W X 13-11/16"H X 2-1/2"B
1U26	14	1-9/16"W X 3-1/16"H X 2-1/4"B
HU28	14	1-9/16"W X 5-1/4"H X 2-1/4"B
HU210	14	1-9/16"W X 7-1/8"H X 2-1/4"B
HU2102	14	3-1/8" W X 8-13/16" H X 2-1/4" B
HU212	14	1-9/16"W X 9"H X 2-1/2"B
HU2122	14	3-1/8"W X 10-9/16"H X 2-1/2"B
HU44	14	3-9/16" X 2-7/8" H X 2-1/2" B
HU46	14	3-9/16"W X 5-3/16"H X 2-1/2"B
HU48	14	3-9/16"W X 6-13/16"H X 2-1/2"B
HU410	14	3-9/16"W X 8-5/8"H X 2-1/2"B
HU412	14	3-9/16"W X 10-5/16"H X 2-1/2"B
HU414	14	3-9/16"W X 12-5/8"H X 2-1/2"B
HU66	14	5-1/2" W X 4-3/16 H X 2-1/2" B
HU68	14	5-1/2"W X 5-13/16"H X 2-1/2"B
HU610	14	5-1/2"W X 7-5/8"H X 2-1/2"B
HU612	14	5-1/2"W X 9-3/8"H X 2-1/2"B
HU614	14	5-1/2" W X 11-5/8" H X 2-1/2" B



STANDARD U JOIST HANGER

PRODUCT NO.	GAUGE	DESCRIPTION
U210	16	1-9/16"W X 7-13/16"H X 2"B
U26	16	1-9/16"W X 4-3/4"H X 2"B
U410	16	3-9/16"W X 8-3/8"H X 2"B

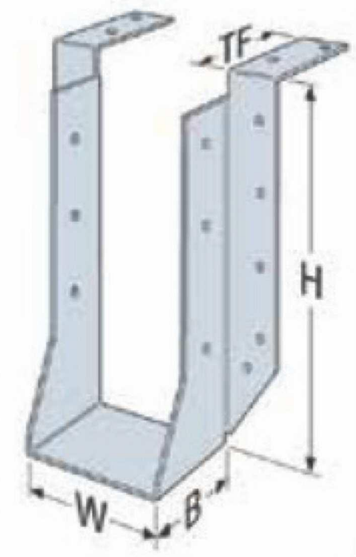
WARNING
Cancer Harm - **www.P65Warnings.ca.gov**

HEAVY DUTY TOP FLANGE JOIST HANGER

SIMPSON Strong-Tie

12 gauge, galvanized

- Double-shear nailing
- Distributes the load through two points on each joist nail for greater strength
- Allows the use of fewer nails, faster installation, and the use of common nails for all connections
- Most models have triangle and round holes
- To achieve maximum loads, fill both round and triangle holes with common nails



PRODUCT NO.	DESCRIPTION
HU210TF	1-9/16" X 9-1/8H X 2-1/4"B X 2-1/2"TF
HU46TF	3-9/16"W X 5-3/8"H X 2-1/2"B X 2-1/2"TF
	3-9/16" W X 11" H X 2-1/2" B X 2-1/2" TF
HU612TF	5-1/2" W X 11" H X 2-1/2" B X 2-1/2" TF

JB/LB TOP FLANGE JOIST HANGER

SIMPSON Strong-Tie

Use with 16d Fasteners

- Zinc galvanized finish containing 0.90 ounces of zinc per square foot of surface area (total both sides)

PRODUCT NO.	GAUGE	DESCRIPTION
LB212AZ	14	2" X 12" 14 GA. Z-MAX TOP FLANGE HANGER
1B210A	18	1-9/16" W X 9-1/4" H X 2" B X 1-3/16" TF
JB212A	18	1-9/16" W X 11-1/8" H X 2" B X 1-3/16" TF
LB26	14	1-9/16" W X 5-3/8" H X 1-1/2" B
LB28	14	1-9/16" W X 7-1/4" H X 1-1/2" B

DOUBLE-SHEAR JOIST HANGERS

SIMPSON Strong-Tie

Face mount hanger for high-load applications

- Distributes the load through two points on each joist nail
- Allows the use of fewer common nails, faster installation
- Double shear nailing

PRODUCT NO.	SIZE
HGUS26	1-5/8" X 5-3/8" X 5"
HGUS262	3-5/16" X 5-7/16" X 4"
HGUS410	3-5/8" X 9" X 4"
HGUS412	3-5/8" X 10-7/16" X 4"
HGUS414	3-5/8" X 12-7/16" X 4"
HGUS263	4-15/16" X 4-1/2" X 4"
HGUS52512	5-1/4" X 10-9/16" X 4"
HGUS55010	5-1/2" X 8-15/16" X 4"
HGUS55012	5-1/2" X 10-1/2" X 4"
HGUS55014	5-1/2" X 12-1/2" X 4"
HGUS72514	7-1/4" X 12-7/16" X 4"

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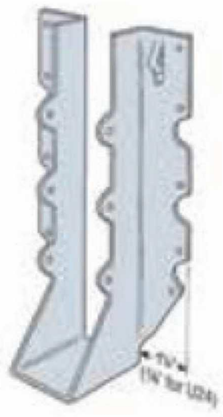
HUCQ HEAVY-DUTY JOIST HANGER

SIMPSON Strong-Tie

Incorporates Simpson Strong-Tie® Strong-Drive® SDS screws

- Designed and tested for installation at the end of a beam or on a post, they provide a strong connection with fewer fasteners than nailed hangers
- 14 gauge
- Galvanized

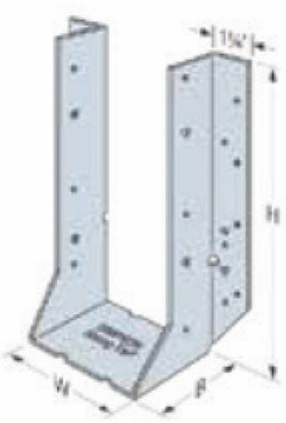


HEAVY-DUTY HUCQ JOIST HANGER

PRODUCT NO.	DESCRIPTION
HUCQ18111	1-3/4"W X 11"H X 3"B
HUCQ410	3-9/16"W X 9"H X 3"B
HUCQ412	3-9/16"W X 11"H X 3"B
HUCQ610	5-1/2"W X 9"H X 3"B
HUCQ612SD	5-1/2"W X 11"H X 3"B

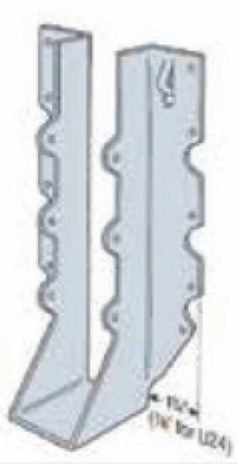
HEAVY-DUTY HUC JOIST HANGER CONCEALED/REVERSE FLANGE

PRODUCT NO.	SIZE
HUC2102	2-1/2" X 3 1/8" X 8-1/8"
HUC46	3-9/16"W X 5-3/16"H X 2-1/2"B
HUC48	3-9/16"W X 6-13/16" X 2-1/2"B
HUC410	3-9/16"W X 8-15/16" X 2-1/2"
HUC412	3-9/16"W X 10-5/16"H X 2-1/2"B
HUC414	2-1/2 X 3-9/16 X 12-5/8"
HUC68	5-1/2"W X 5-13/16"H X 2-1/2"B
HUC610	5-1/2"W X 8-3/2"H X 2"B
HUC612	5-1/2"W X 9-1/2"H X 2-1/2"B



HEAVY-DUTY HU JOIST HANGER

PRODUCT NO.	GAUGE	DESCRIPTION
HU7	14	1-13/16"W X 6-11/16"H X 2-1/2"B
HU9	14	1-13/16"W X 9-5/16"H X 2-1/2"B
HU11	14	1-13/16"W X 11-1/16"H X 2-1/2"B
HU14	14	1-13/16"W X 13-11/16"H X 2-1/2"B
1U26	14	1-9/16"W X 3-1/16"H X 2-1/4"B
HU28	14	1-9/16"W X 5-1/4"H X 2-1/4"B
HU210	14	1-9/16"W X 7-1/8"H X 2-1/4"B
HU2102	14	3-1/8" W X 8-13/16" H X 2-1/4" B
HU212	14	1-9/16"W X 9"H X 2-1/2"B
HU2122	14	3-1/8"W X 10-9/16"H X 2-1/2"B
HU44	14	3-9/16" X 2-7/8" H X 2-1/2" B
HU46	14	3-9/16"W X 5-3/16"H X 2-1/2"B
HU48	14	3-9/16"W X 6-13/16"H X 2-1/2"B
HU410	14	3-9/16"W X 8-5/8"H X 2-1/2"B
HU412	14	3-9/16"W X 10-5/16"H X 2-1/2"B
HU414	14	3-9/16"W X 12-5/8"H X 2-1/2"B
HU66	14	5-1/2" W X 4-3/16 H X 2-1/2" B
HU68	14	5-1/2"W X 5-13/16"H X 2-1/2"B
HU610	14	5-1/2"W X 7-5/8"H X 2-1/2"B
HU612	14	5-1/2"W X 9-3/8"H X 2-1/2"B
HU614	14	5-1/2" W X 11-5/8" H X 2-1/2" B



STANDARD U JOIST HANGER

PRODUCT NO.	GAUGE	DESCRIPTION
U210	16	1-9/16"W X 7-13/16"H X 2"B
U26	16	1-9/16"W X 4-3/4"H X 2"B
U410	16	3-9/16"W X 8-3/8"H X 2"B

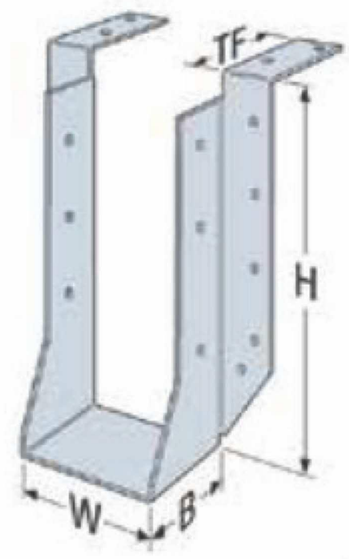
⚠ **WARNING** ⚠
Cancer Harm - **www.P65Warnings.ca.gov**

HEAVY DUTY TOP FLANGE JOIST HANGER

SIMPSON Strong-Tie

12 gauge, galvanized

- Double-shear nailing
- Distributes the load through two points on each joist nail for greater strength
- Allows the use of fewer nails, faster installation, and the use of common nails for all connections
- Most models have triangle and round holes
- To achieve maximum loads, fill both round and triangle holes with common nails



PRODUCT NO.	DESCRIPTION
HU210TF	1-9/16" X 9-1/8H X 2-1/4"B X 2-1/2"TF
HU46TF	3-9/16"W X 5-3/8"H X 2-1/2"B X 2-1/2"TF
	3-9/16" W X 11" H X 2-1/2" B X 2-1/2" TF
HU612TF	5-1/2" W X 11" H X 2-1/2" B X 2-1/2" TF

JB/LB TOP FLANGE JOIST HANGER

SIMPSON Strong-Tie

Use with 16d Fasteners

- Zinc galvanized finish containing 0.90 ounces of zinc per square foot of surface area (total both sides)

PRODUCT NO.	GAUGE	DESCRIPTION
LB212AZ	14	2" X 12" 14 GA. Z-MAX TOP FLANGE HANGER
1B210A	18	1-9/16" W X 9-1/4" H X 2" B X 1-3/16" TF
JB212A	18	1-9/16" W X 11-1/8" H X 2" B X 1-3/16" TF
LB26	14	1-9/16" W X 5-3/8" H X 1-1/2" B
LB28	14	1-9/16" W X 7-1/4" H X 1-1/2" B

DOUBLE-SHEAR JOIST HANGERS

SIMPSON Strong-Tie

Face mount hanger for high-load applications

- Distributes the load through two points on each joist nail
- Allows the use of fewer common nails, faster installation
- Double shear nailing

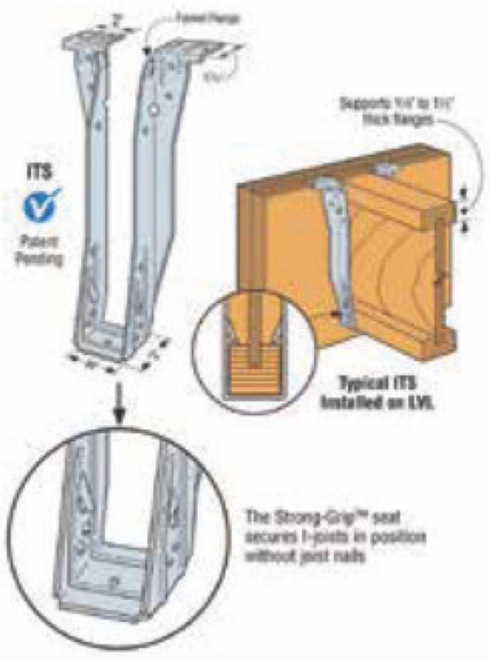
PRODUCT NO.	SIZE
HGUS26	1-5/8" X 5-3/8" X 5"
HGUS262	3-5/16" X 5-7/16" X 4"
HGUS410	3-5/8" X 9" X 4"
HGUS412	3-5/8" X 10-7/16" X 4"
HGUS414	3-5/8" X 12-7/16" X 4"
HGUS263	4-15/16" X 4-1/2" X 4"
HGUS52512	5-1/4" X 10-9/16" X 4"
HGUS55010	5-1/2" X 8-15/16" X 4"
HGUS55012	5-1/2" X 10-1/2" X 4"
HGUS55014	5-1/2" X 12-1/2" X 4"
HGUS72514	7-1/4" X 12-7/16" X 4"

TOP FLANGE ITS HANGERS

SIMPSON Strong-Tie

Meets the unique needs of I-joists while offering superior performance and ease-of-installation

- Set a new standard for engineered wood top flange hangers
- Installs faster and uses fewer nails than any other EWP top flange hanger
- The new Strong-Grip™ seat and Funnel Flange™ features allow standard joist installation without requiring joist nails resulting in the lowest installed cost
- The Strong-Grip seat firmly secures I-joists with flange thicknesses from 1-1/8" to 1-1/2"
- 18 gauge



PRODUCT NO.	DESCRIPTION
ITS181188	1-7/8" X 11-13/16" X 2"
137ITS18114	1-7/8" X 14" X 2"
ITS206118	2-1/8" X 11-13/16" X 2"
ITS20614	2-1/8" X 13-15/16" X 2"
ITS23795	2-7/16" X 9-1/2" X 2"
ITS237118	2-7/18 X 11-13/16" X 2"
ITS23714	2-7/16" X 13-15/16" X 2"
ITS256118	2-5/8" X 11-3/16" X 2"
ITS25614	2-5/8" X 13-15/16" X 2"
ITS35614	3-5/8" X 13-15/16" X 2"
ITS356118	3-5/8" X 11-13/16" X 2"

TOP FLANGE TRUSS HANGER

SIMPSON Strong-Tie

Adjustable height

- Zinc galvanized finish containing 0.90 ounces of zinc per square foot of surface area (total both sides)

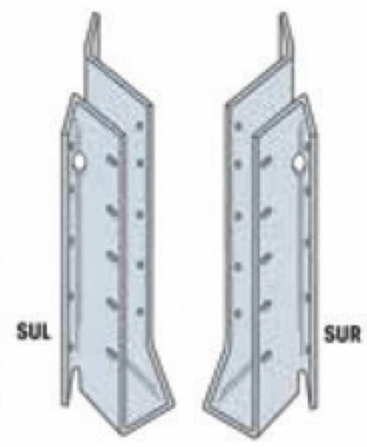
PRODUCT NO.	SIZE	GAUGE
THA218	1-5/8"W X 17-3/16"H X 5-1/2"C	18
THA422	3-5/8"W X 22"H X 7-7/8"C	16

SUR/SUL SKEWED 45° HANGERS

SIMPSON Strong-Tie

Hangers are skewed 45° left or right

- Angled nail slots direct nails for proper installation
- Galvanized finish
- 16 gauge



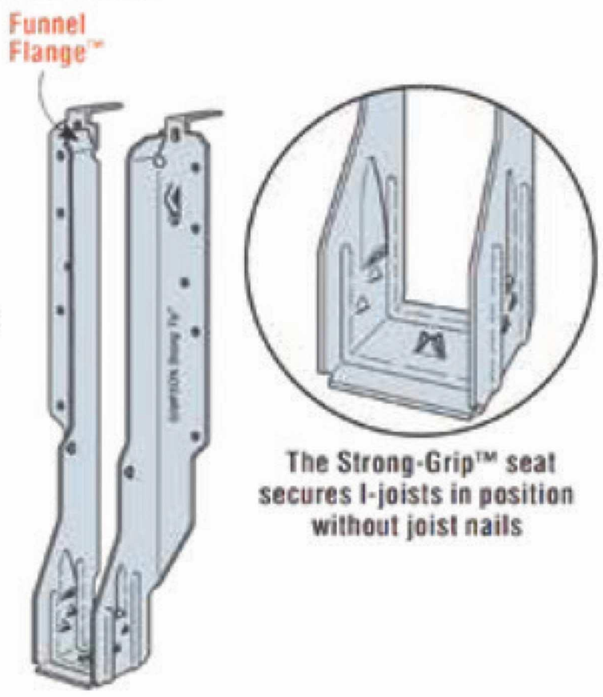
PRODUCT NO.	DESCRIPTION
SUL210	SUL210 SKEW LEFT 45DEG U HANGER
SUR210	SKEW RIGHT 45DEG U HANGER
SUL26	SUL26 SKEW LEFT 45° U HANGER
SUR26	SUL26 SKEW RIGHT 45° U HANGER

IUS I-JOIST HANGERS

SIMPSON Strong-Tie

Easier installation, higher loads, lower installed cost, than similar connectors

- Fully compatible with shallow flange I-joists
- Hybrid hanger with the advantages of the face mount and top mount hanger
- Fast installation with Strong-Grip™ seat, easy-to-reach face nails and self-jigging locator tabs
- 18 gauge



PRODUCT NO.	DESCRIPTION
IUS181118	1-7/8" X 11-13/16" X 2"
IUS18114	1-7/8" X 14" X 2"
IUS206118	2-1/8" X 11-7/8" X 2"
IUS20614	2-1/8" X 14" X 2"
IUS23795	2-7/16" X 9-1/2" X 2"
IUS237118	2-7/16" X 11-7/8" X 2"
IUS23714	2-7/16" X 14" X 2"
IUS256118	2-5/8" X 11-7/8" X 2"
IUS25614	2-5/8" X 14" X 2"

TRUSS HIP/JACK GIRDER HANGERS

SIMPSON Strong-Tie

14 gauge

- Zinc galvanized finish containing 0.90 ounces of zinc per square foot of surface area (total both sides)
- Use with 16d fasteners in the carrying member
- Use with 10d x 1-1/2" fasteners in the hip/jack
- The 137LTHJA26 is a lighter capacity, 18 gauge version of the 137THJA26

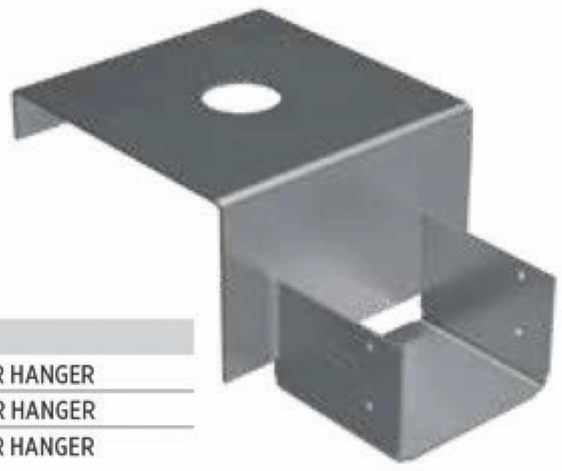
PRODUCT NO.	DESCRIPTION
THJA26	TRUSS HIP JACK GIRDER HANGER
LTHJA26	18GA TRUSS HIP JACK HANGER

GH TOP-FLANGE GIRDER HANGER

SIMPSON Strong-Tie

Girder-to-foundation wall connection

- 12-gauge steel construction
- May be skewed up to maximum 45° (bevel cut required)
- ICC-ES ESR-2616 and ESR-2523 compliant



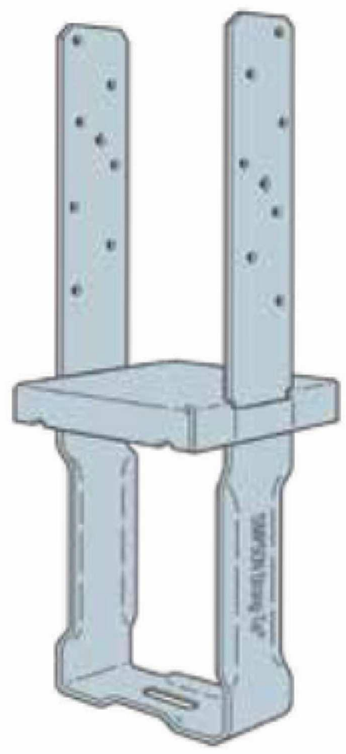
PRODUCT NO.	DESCRIPTION
GH468	GH46-8 GIRDER HANGER
GH466	GH46-6 GIRDER HANGER
GH488	GH48-8 GIRDER HANGER

CBSQ COLUMN BASES

SIMPSON Strong-Tie

Uses Simpson Strong-Tie® Strong-Drive® SDS screws, enabling fast installation, reduced reveal and high-load capacity

- Provides a greater net section area of the column compared to bolts
- Provides 1" standoff to meet code requirements



PRODUCT NO.	SIZE
CBSQ44	4X4
CBSQ46	4X6
CBSQ66	6X6
CBSQ88	8X8

⚠ WARNING ⚠
Cancer Harm - **www.P65Warnings.ca.gov**

ADJUSTABLE AND STANDOFF POST BASE

SIMPSON Strong-Tie

The ABU is an adjustable post base which offers moisture protection and finished hardware appearance

- Provides 1" standoff to meet code requirements
- Slotted base allows for adjustability

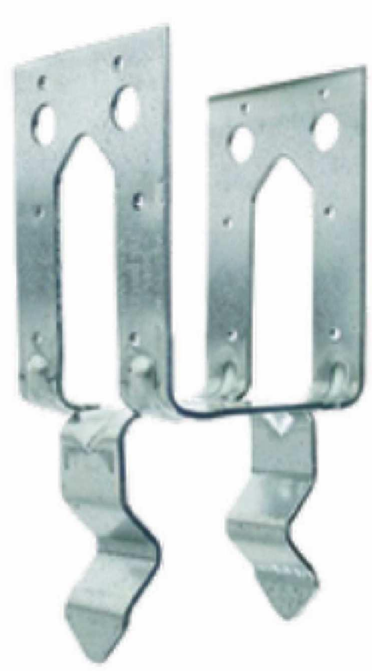
PRODUCT NO.	DESCRIPTION
ABU46Z	3-9/16" X 5" X 7" ZMAX
ABU44Z	3-9/16" X 3" X 5-1/2" ZMAX
ABU66Z	5-1/2" X 5" X 6-1/16" ZMAX
ABU88Z	3-1/2" X 7" X 7" ZMAX

PB44 4 X 4 POST BASE WET SET

SIMPSON Strong-Tie

Use with 16d fasteners

- 12 gauge
- 3-9/16"W x 3-1/4"L
- Zinc galvanized finish containing 0.90 oz. of zinc per square foot of surface area (total both sides)



PRODUCT NO.
PB44

PBS66 6" X 6" POST BASE WITH STANDOFF

SIMPSON Strong-Tie

Use with 16d fasteners, 1/2" bolts

- 12 gauge strap and base
- 5-1/2"w x 5-3/8"l x 6-1/2"h
- Zinc galvanized finish containing 0.90 ounces of zinc per square foot of surface area (total both sides)
- Provides 1" standoff to meet code requirements

PRODUCT NO.
PBS66

S/HDS HOLDOWNS

SIMPSON Strong-Tie

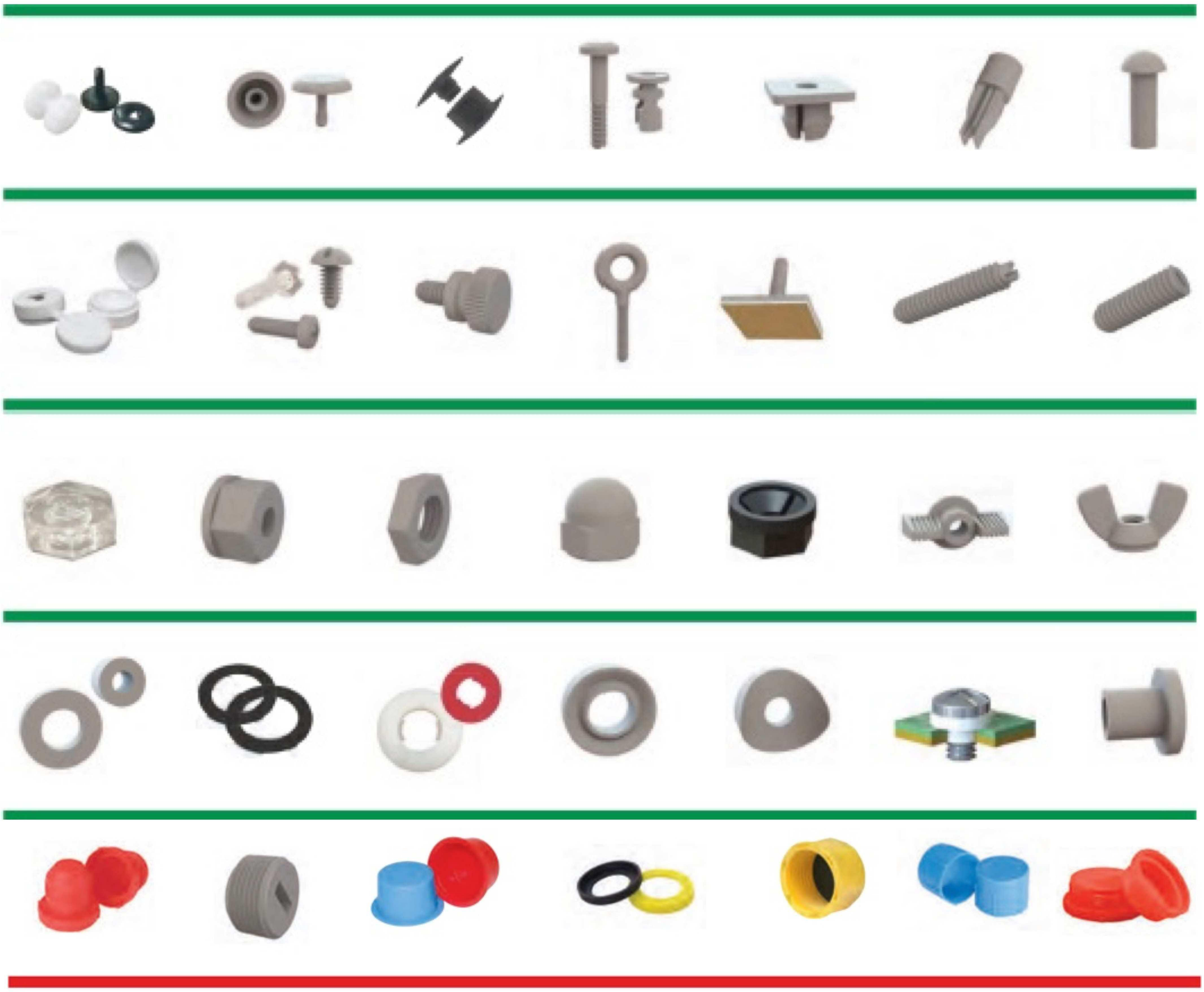
The S/HDS series of holdowns installs with #14 screws and has been designed to utilize fewer fasteners to reduce installation time

- Anchor bolt washer is not required
- Can be welded per designer's recommendation and specification

PRODUCT NO.
SHD8S

STANLEY_SUPPLY.indd 72-73

PLASTIC AND NYLON FASTENERS



Special Order and Minimums may apply