

STARBORN. GUIDE TO DECK AND TRIM FASTENING

CLIP&RIP[™] FASCIA SYSTEM PRO PLUG[®] SYSTEM DECKFAST[®] CAP-TOR[®] xd HEADCOTE[®] STRUCTURAL SMART-BIT[®]



About Us

Our goal at Starborn is to provide professional contractors, as well as, leading building materials distributors and dealers nationwide with quality construction fasteners and innovative fastening solutions that bring value to their business.

Founded in 1961, Starborn Industries originally provided wood products to the building industry, but by the early 1980's construction fasteners became our primary product line. Since the late 1990's, Starborn has focused its fastener line on deck fastening solutions. We carefully monitor the decking industry and work closely with decking manufacturers to ensure the best fastening solutions for all types of deck installations as shown by our current offering of proprietary and patented products. These include CAP-TOR[®] xd, DECKFAST[®], PRO PLUG[®] SYSTEM, SMART-BIT[®], and others as shown in this catalog. New product development is continuous and ongoing. Our constant goal of inventing and providing innovative fastening solutions has made Starborn a leading provider of fasteners in the decking industry worldwide. We are the deck fastening specialists.

To Our Customers

We value your business. We value your relationship. Your success is our success. Our commitment is to continue to provide you with superior service and knowledgeable support for all of your fastener needs.

Starborn Industries is located in Edison, NJ and is an independent, second generation family-owned and operated business.



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Driving Tool for Setting Screws to the Perfect Depth

STARBORN® STRUCTURAL Code Compliant Wood Screws

APPLICATION

Starborn[®] Structural screws are fully tested and code compliant alternatives to traditional lag screws and through-bolts, with no predrilling required. Designed to save time and reduce labor, these structural screws can be used in a variety of applications including deck ledgers, deck substructures, landscape timbers, fences, pergolas, carrying beams, timber frames and more.

FEATURES

- IRC/IBC code compliant (DrJ TER 1703-05)
- No predrilling
- Superior design values and performance
- Speed-Knurl[™] reduces friction for faster installation
- Tri-Forge® Point allows for fast start and reduces driving torque

INSTALLATION

TECHNICAL GUIDES

- Starborn[®] Structural screws should be installed using an impact driver or high-torque low speed drill.
- Predrilling is not required, but can be used where lumber is prone to splitting.
- For the H19 screw drive until washer head is flush to wood surface or countersink head flush.
- For the F19, H23, and F23 screws drive until washer is drawn firm and flush. Do not overdrive or countersink

FINISH

Black exterior coating

CORROSION

Black exterior coating: H19, F19, H23 and F23 | Approved for use in ACQ and pressure treated lumber.

Starborn[®] Structural screws are not designed for use in or near saltwater environments.

DRIVE SYSTEM

Hex Head Star drive

TECHNICAL GUIDE	PROI	ОИСТ	
Deck Ledger to Rim Joist	H23	F23	
Ledger to Stud with 0, 1, or 2 Layers of 5/8" Gypsum	H23	F23	
Truss or Rafter to Top Plate	H19		
Multi-Ply Dimensional Wood Connections	F19	F23	
Cladding Over Foam Sheathing	F19	F23	
Bottom Plate to Rim Board	Н	19	
Screw Properties and Design Values	A	All .	

For more information including technical guides and code compliance reports, visit starbornindustries.com.

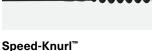
Starborn Industries 2024 Guide To Deck and Trim Fastening

STARBORN[®] STRUCTURAL

DESIGN FEATURES



Hex Head For maximum driveability Low Profile Flat Head Star drives eliminate cam-out





Tri-Forge® Point Reduces friction for faster

Fast start, minimal splitting, reduced driving torque

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STARBORN® STRUCTURAL PACKAGING H19

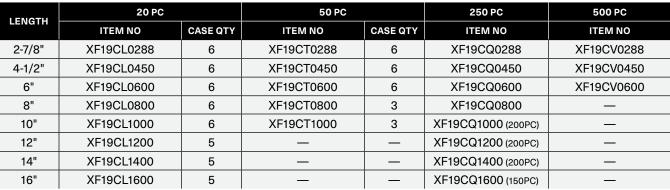
LENGTH	20 PC		50 PC		250 PC	500 PC
LENGTH	ITEM NO	CASE QTY	ITEM NO	CASE QTY	ITEM NO	ITEM NO
2-7/8"	XH19CL0288	6	XH19CT0288	6	XH19CQ0288	XH19CV0288
4"	XH19CL0400	6	XH19CT0400	6	XH19CQ0400	XH19CV0400
6"	XH19CL0600	6	XH19CT0600	6	XH19CQ0600	XH19CV0600
8"	XH19CL0800	6	XH19CT0800	3	XH19CQ0800	—
10"	XH19CL1000	6	XH19CT1000	3	XH19CQ1000 (200PC)	—

installation

STARBORN® STRUCTURAL PACKAGING H23

	LENGTH 20 PC				250 PC	500 PC
LENGTH	ITEM NO	N NO CASE QTY ITEM NO CASE O		CASE QTY	ITEM NO	ITEM NO
4"	XH23CL0400	6	XH23CT0400	6	XH23CQ0400	XH23CV0400
5"	XH23CL0500	6	XH23CT0500	6	XH23CQ0500	XH23CV0500

STARBORN[®] STRUCTURAL PACKAGING F19



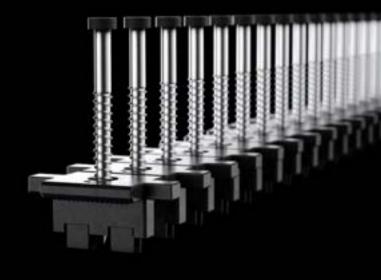
STARBORN® STRUCTURAL PACKAGING F23



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LENGTH	20 PC		50 PC		250 PC	500 PC
LENGTH	ITEM NO	CASE QTY	ITEM NO	CASE QTY	ITEM NO	ITEM NO
2-7/8"	XF23CL0288	6	XF23CT0288	6	XF23CQ0288	XF23CV0288
4"	XF23CL0400	6	XF23CT0400	6	XF23CQ0400	XF23CV0400
5"	XF23CL0500	6	XF23CT0500	6	XF23CQ0500	XF23CV0500
6"	XF23CL0600	6	XF23CT0600	6	XF23CQ0600	XF23CV0600
8"	XF23CL0800	6	XF23CT0800	3	XF23CQ0800	_
10"	XF23CL1000	6	XF23CT1000	3	XF23CQ1000 (200PC)	_

Clip&Rip[™] Universal Hidden Deck Clip



APPLICATION

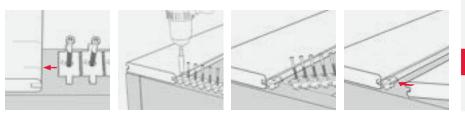
Clip&Rip[™] universal hidden deck fasteners secure inner decking boards quickly and effectively while maintaining a clean, fastener-free finish. Clip&Rip[™] comes pre-loaded with stainless steel screws and assembled in ready-to-install strips saving time and money.

FEATURES

- For use with grooved composite, PVC and wood decking in any deck pattern.
- Pre-assembled in collated "sticks" of 16 for increased installation speed and ease of use.
- Clip creates 3/16" spacing between boards
- 305 and 316 stainless steel screw options avialable
- T15 driver bit included

INSTRUCTIONS

- Insert the strip of clips with the Arrow pointing forward into the leading board groove. Center over joist.
- Drive the screw down in a straight and steady fashion until the head of the screw is flush with the clip.
- Lift up on strip to break off installed clip.
- Install clips at every joist along length of board.
- Place next board into position. Holding the deck board at a slight angle, push deck board into previously installed clips.
 Check gapping between boards to ensure consistency.



BOARD COMPATIBILITY

Clip&Rip[™] works with most brands of grooved PVC and Composite deck boards, including Trex[®], Timbertech[®], Fiberon[®], MoistureShield[®] and more. It also works with most styles of 5/4 hardwood and thermally modified deck boards.

FINISH

Starter Clips

- · 305 Stainless Starter Clip
- **Field Clips**
- · Glass Filled Nylon Field Clips
- 305 and 316 Stainless screw options

CORROSION

Exterior use—Approved for use in ACQ and pressure treated lumber.

For salt water or other areas where corrosion is a concern, use Grade 316 Stainless.

DRIVE SYSTEM

T15 Star Drive

ESTIMATED COVERAGE

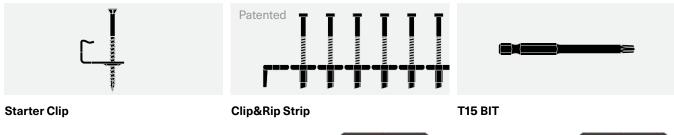
JOIST SPACING	100 SQ FT. (AREA)	200 SQ FT. (AREA)	300 SQ FT. (AREA)	400 SQ FT. (AREA)	500 SQ FT. (AREA)
12"	210	441	672	882	1113
16"	175	336	512	672	848

CLIP&RIP[™]

COMPATIBLE PVC/COMPOSITE BOARDS

TREX®	TIMBERTECH®	FIBERON ®	DECKORATORS®	MOISTURESHIELD®
SELECT TRANSCEND TRANSCEND LINEAGE SIGNATURE ENHANCE	LEGACY RESERVE PRIME PRIME+ TERRAIN (AZEK) HARVEST (AZEK) LANDMARK (AZEK) VINTAGE	PARAMOUNT PROMENADE GOODLIFE CONCORDIA SANCTUARY	PICTURE FRAME VENTURE VAULT VISTA VOYAGE TRAILHEAD TROPICS (LOWES) DISTRESSED (LOWES)	VISION MERIDIAN ELEVATE VANTAGE
ARMADILLO®	WOLF	EVALAST®	ENVISION®	NEWTECH WOOD®
COMMERCIAL LIFESTYLE ESSENTIAL HERITAGE	PERSPECTIVE	APEX INFINITY	DISTINCTION EXPRESSION EVERGRAIN RIDGE PREMIUM	MAGELLAN VOYAGER
SYLVANIX®	TRUNORTH CLUBHOUSE®	VERANDA®	VEKADECK®	
ELEMENTS DESTINATIONS ELITE ESSENTIALS ELITE COLLECTION SKYLINE	ULTRA LEGACY	ELITE HIGH-PERFORMANCE	GROOVE	

SYSTEM COMPONENTS





LENGTH	ITEM NO	FINISH	DRIVE TYPE	CLIPS PER STRIP	ΡΑϹΚ QTY
	KAS38T175	305 Stainless with Nylon Clip			192 (12 strips)
1-3/4"	KAU38T175	316 Stainless with Nylon Clip		10	192 (12 strips)
1-3/4	KAS38B175	305 Stainless with Nylon Clip	T15	16	800 (50 strips)
	KAU38B175	316 Stainless with Nylon Clip			800 (50 strips)

CLIP&RIP[™] STARTER CLIP PACKAGING

CEIT CITAI		Adina			
LENGTH	ITEM NO	FINISH	DRIVE TYPE	ΡΑСК QTY	
1-5/8"	KBS01A162	305 Stainless with Stainless Clip	T15	12 strips	The second s

STARTER CLIP INSTRUCTIONS

- For first and last boards, screw a starter clip at every joist.
- Once all starter clips are installed, push the first deck board into the starter clips.
- Proceed to fasten remainder of boards with standard clips.

*Starter clips are only availabe in 305 stainless steel





STARB

DECKFAST[®] Epoxy Exterior Wood Screw



APPLICATION

Color Matched Screws for Pressure Treated Lumber and PVC Trim.

- Flat Head—For use in pressure treated decking.
- Trim Head—For use in pressure treated trim and finish applications.

FEATURES

- For excellent corrosion resistance and color matching with various types of treated lumber and PVC trim (Gray, Green, Red, Tan, White)
- Lengths from 1-1/4" to 6"
- Reinforced flat or trim head with nibs for better countersinking
- Extra deep star drive recesses to prevent cam-out
- Type 17 auger tip for faster, easier insertion and to help prevent splitting

INSTALLATION

- Install flush with decking surface. Do not overdrive.
- Install two screws per joist.
- Predrilling is recommended when fastening within 1-1/2" from the end of a deck board.

FINISH

Epoxy Coated

CORROSION

Exterior use—Approved for use in ACQ and pressure treated lumber.

For salt water or other areas where corrosion is a concern, use Grade 316 Stainless.

DRIVE SYSTEM

Star drive

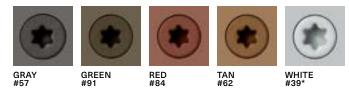
TOOL COMPATIBILITY

SMART-BIT[®] Depth Setter Tool



DECKFAST[®] Epoxy

AVAILABLE COLORS



*White (#39) available only in Trim Head-2" and 2-1/2" lengths

FLAT HEAD PACKAGING



LENGTH		C	COUNT PACKAGING			POUND PACKAGING		
LENGTH	DRIVE TYPE	RETAIL PACKS	JOB PACKS	BULK	1 LB	5 LBS	9 LBS	
1-1/4"		100	500	8000	•	•	•	
1-5/8"	Т20	100	500	5000	•	•	•	
2"		100	500	3500	•	•	•	
2-1/2"		75	250	2500	•	•	•	
3"		75	250	2000	•	•	•	
3-1/2"	тог	50	250	1000	•	•	•	
4"	T25	50	250	1000	•	•	•	
5"		30	_	500	•	—	•	
6"		30	_	500	•	—	•	

TRIM HEAD PACKAGING



LENGTH	DRIVE TYPE	COUNT PACKAGING			F	OUND PACKAGIN	G
LENGTH	DRIVETTPE	RETAIL PACKS	JOB PACKS	BULK	1 LB	5 LBS	9 LBS
1-5/8"		100	500	5000	•	•	•
2"	-	100	500	3500	•	•	•
2-1/2"]	75	250	2500	•	•	•
3"	T20	75	250	2000	•	•	•
3-1/2"		50	250	1000	•	•	•
4"		50	250	1000	•	•	•

DECKFAST[®] Stainless Exterior Wood Screw



APPLICATION

Stainless steel screws for hardwood, cedar, redwood and pressure treated decking.

- Flat Head—For hardwood, cedar, redwood and pressure treated decking.
- Trim Head—For hardwood, cedar and redwood; pressure treated trim and finish applications.

FEATURES

- Grade 305 and Grade 316 stainless steel for superior corrosion resistance
- Lengths from 1-1/4" to 3-1/2"
- Reinforced flat or trim head with nibs for better countersinking
- Extra deep star drive recesses to prevent cam-out
- Type 17 auger tips for faster, easier insertion and to help prevent splitting

INSTALLATION

- Predrilling required for hardwoods and in all cases when fastening within 1-1/2" from the end of a deck board.
- Slightly countersink screw head. Do not overdrive.
- Recommended: For a clean and professional finish use SMART-BIT[®]
 Predrilling and Countersinking Tools in combination with screws.

FINISH

Grade 305 Stainless Grade 316 Stainless

CORROSION

Exterior use—Approved for use in ACQ and pressure treated lumber.

For salt water or other areas where corrosion is a concern, use Grade 316 Stainless.

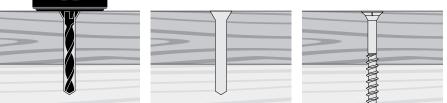
DRIVE SYSTEM

Star drive

TOOL COMPATIBILITY

SMART-BIT[®] Predrilling and Countersinking Tool SMART-BIT[®] Depth Setter Tool







FLAT HEAD PACKAGING



LENGTH	DRIVE TYPE	COUNT PACKAGING			POUND PACKAGING		
LENGTH	DRIVETTPE	RETAIL PACKS	JOB PACKS	BULK	1 LB	5 LBS	9 LBS
6 x 1-1/4"		100	500	5000	•	•	•
8 x 1-5/8"	T20	100	500	4000	•	•	•
8 x 2"		100	500	3000	•	•	•
10 x 2-1/2"		75	250	2000	•	•	•
10 x 3"	T25	75	250	1500	•	•	•
10 x 3-1/2"		50	250	1000	•	•	•

TRIM HEAD PACKAGING



		COUNT PACKAGING			POUND PACKAGING		
LENGTH	DRIVE TYPE	RETAIL PACKS	JOB PACKS	BULK	1 LB	5 LBS	9 LBS
7 x 1-5/8"	T15	100	500	5000	•	•	•
7 x 2-1/4"		75	250	3000	•	•	•
8 x 2-1/2"	T00	75	250	2500	•	•	•
8 x 3"	T20	75	250	2000	•	•	•

HEADCOTE® Stainless

Deck Screws



APPLICATION

Stainless steel screws with color coated heads for hardwood, cedar, redwood, pressure treated decking, PVC fascia and trim boards.

- Flat Head—For hardwood, cedar, redwood, composite/PVC and pressure treated decking.
- Trim Head—For hardwood, cedar, redwood, composite/PVC, pressure treated decking (finish applications) and PVC trim.

FEATURES

- Grade 305 and Grade 316 stainless steel for superior corrosion resistance
- Lengths from 1-5/8" to 3"
- Reinforced flat or trim head with nibs for better countersinking
- Extra deep star drive recesses to prevent cam-out
- Type 17 auger tips for faster, easier insertion and to help prevent splitting
- Approved for use in ACQ and other pressure treated lumber

INSTALLATION

- Predrilling required for hardwoods and in all cases when fastening within 1-1/2" from the end of a deck board.
- Slightly countersink screw head. Do not overdrive.
- Recommended: For a clean and professional finish use SMART-BIT[®] Predrilling and Countersinking Tools in combination with screws.



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FINISH

Grade 305 Stainless Grade 316 Stainless

CORROSION

Exterior use—Approved for use in ACQ and pressure treated lumber.

For salt water or other areas where corrosion is a concern, use Grade 316 Stainless.

DRIVE SYSTEM

Star drive

TOOL COMPATIBILITY

SMART-BIT[®] Depth Setter Tool SMART-BIT[®] Predrilling and Countersinking Tool

HEADCOTE[®]Stainless

AVAILABLE COLORS



HEADCOTE® COLORS TRIM

LENGTH	AVAILABLE COLORS
LENGTH	305 STAINLESS
7 x 1-5/8"	31, 34, 37, 38, 39, 43, 45, 53, 54, 63, 64, 65, 71, 73, 81, 82
7 x 2-1/4"	34, 37, 38, 39
8 x 2-1/2"	31, 34, 37, 39, 54, 55, 64, 65, 71, 73, 81, 82, 87
8 x 3"	31, 34, 37
LENGTH	316 STAINLESS
7 x 1-5/8"	34, 39, 54
8 x 2-1/2"	34, 39, 54

HEADCOTE® COLORS FLAT

LENGTH	AVAILABLE COLORS
LENGTH	305 STAINLESS
8 x 2"	34, 37
10 x 2-1/2"	01.04.07
10 x 3"	31, 34, 37

FLAT HEAD PACKAGING



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		COUNT PACK AGING					
LENGTH	DRIVE TYPE	RETAIL PACK	DECK PACK	CONTRACTOR PACK	PRO PACK	BULK	
2"	T20	100	350	1050	—	3000	
2-1/2"	TOF	100	250	1050	1750	2000	
3"	T25	85	265	1050	1750	1500	

TRIM HEAD PACKAGING



		COUNT PACKAGING					
LENGTH DRIVE T	DRIVE TYPE	RETAIL PACK	DECK PACK	CONTRACTOR PACK	PRO PACK	BULK	
1-5/8"	T15	100	350	1050	—	5000	
2-1/4"		100	350	—	—	3000	
2-1/2"	T20	100	350	1050	1750	2500 (305 SS Only)	
3"		_	350	1050	1750	2000	

CAP-TOR® xd Epoxy/Stainless Composite/PVC Deck Screws



APPLICATION

Color matched deck screw available in a variety of colors to match all of the leading composite/PVC deck boards and cladding on the market.

FEATURES

- Extra deep star drive recess to prevent cam-out
- Undercut head to cut cleanly through the hard outer layer of capstock decking
- Reverse threads to prevent mushrooming and surface defects
- Tri-lobular shanks and thread to reduce driving torque
- Type 17 auger tips for faster, easier insertion and to help prevent splitting
- Available in a variety of colors

INSTALLATION

- Install flush with decking surface. Do not overdrive.
- Install two screws per joist.
- Predrilling is recommended when fastening within 1" from the end of a deck board.
- Recommended: For a clean and professional finish use the SMART-BIT^{*} Depth Setter Tool in combination with screws.

FINISH

Epoxy coated Grade 305 Stainless Grade 316 Stainless

CORROSION

Exterior use—Approved for use in ACQ and pressure treated lumber.

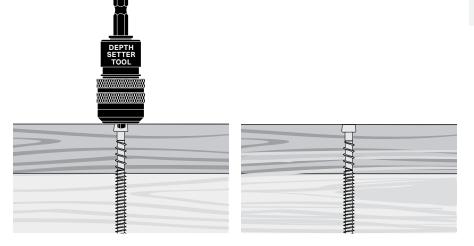
For salt water or other areas where corrosion is a concern, use Grade 316 Stainless.

DRIVE SYSTEM

Star drive

TOOL COMPATIBILITY

SMART-BIT® Depth Setter Tool



AVAILABLE COLORS







COOL GRAY #56





SAND #64







CHOCOLATE #71





DARK GRAY #53

UNCOATED #01



SAHARA #62

BLACK #38

BUCKSKIN #63

WHITE #39

ASHWOOD #43

ROSY BROWN #65





JAVA #73



CEDAR #81



WARM GRAY #54

MAHOGANY #82 BURGUNDY #87

DARK SLATE #55

CAP-TOR® XD COLORS

LENGTH		AVAILABLE COLORS				
LENGTH		EPOXY				
10 x 2"		34, 37, 38, 43, 53, 54, 55, 56, 62, 64, 65, 71, 73, 81, 87				
10 x 2-3/4"		31, 34, 37, 38, 43, 53, 54, 55, 56, 62, 63, 64, 65, 71, 73, 81, 82, 87				
LENGTH		305 STAINLESS				
10 x 2"	01	34, 37, 43, 53, 54, 55, 64, 65, 71, 73, 81, 87				
10 x 2-1/2"	01	31, 34, 37, 38, 39, 43, 45, 53, 54, 55, 56, 62, 63, 64, 65, 71, 73, 81, 82, 87				
10 x 2-3/4"	—	31, 34, 37, 38, 39, 43, 45, 48, 53, 54, 55, 63, 64, 65, 71, 73, 81, 82, 87				
LENGTH		316 STAINLESS				
10 x 2-1/2"	01	31, 34, 37, 38, 39, 43, 53, 54, 55, 56, 62, 63, 64, 65, 71, 73, 81, 82				
10 x 2-3/4"	01	31, 34, 37, 38, 39, 43, 45, 53, 54, 55, 63, 64, 65, 71, 73, 81, 82, 87				

CAP-TOR[®] XD PACKAGING



			COUNT PACKAGING			
LENGTH	LENGTH FINISH	DRIVE TYPE	RETAIL PACK	DECK PACK	CONTRACTOR PACK	PRO PACK
2"	Ероху		100	250		1750
2-3/4"			100	350	_	1750
2"						
2-1/2"	305 Stainless	T20	100	350	1050	1750
2-3/4"						
2-1/2"	316		100	250	1050	1750
2-3/4"	Stainless		100	350	1050	1750

STARB\RN.

CAP-TOR®xd Metal Composite/PVC Deck Screw For Metal Framing



Color matched screws for attaching composite/PVC decking and cladding to steel or aluminum framing.

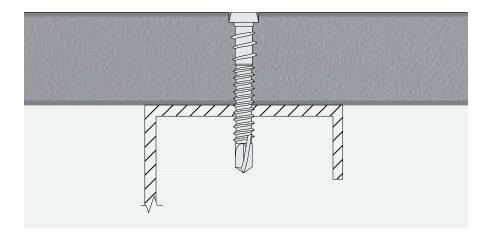
- 10 x 1-1/2": 3/4" to 1" decking material attached to 16–20 gauge joists or furring.
- 10 x 1-5/8": 3/4" to 1" decking material attached to 12–18 gauge joists or two 14 gauge joists doubled up.
- 12 x 2-3/8": 1" to 1-1/2" decking material attached to up to 1/4" thick joists.

FEATURES

- Epoxy coated Grade 410 stainless steel
- Sharp drill point for quick installation into metal framing
- Extra deep star drive recess to prevent cam-out
- Undercut head to cut cleanly through the hard outer layer of capstock decking
- Available in a variety of colors

INSTALLATION

- Install flush with decking surface. Do not overdrive.
- Install two screws per joist with a minimum three threads beyond metal framing.
- Predrilling is recommended when fastening within 1" from the end of a deck board. Predrill decking only, not joist.



FINISH

Epoxy coated

CORROSION

Exterior use—Approved for use in ACQ and pressure treated lumber.

For salt water or other areas where corrosion is a concern, use Grade 316 Cap-Tor xd fasteners with wood sleeper system.

DRIVE SYSTEM

Star drive

CAP-TOR[®] xd Metal

AVAILABLE COLORS



SAHARA #62









CEDAR #81

MAHOGANY #82



BURGUNDY #87

CAP-TOR® XD METAL COLORS

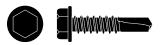
LENGTH	FINISH	AVAILABLE COLORS
10 x 1-1/2"		34, 37, 53, 54, 55, 62, 64, 71, 73, 81, 87
10 x 1-5/8"	410 Stainless	31, 34, 38, 37, 39, 43, 53, 54, 55, 56, 62, 63, 64, 65, 71, 73, 81, 82, 87
12 x 2-3/8"		34, 37, 39, 53, 54, 64, 65, 71, 73, 81

CAP-TOR® XD METAL PACKAGING



	FINISH	DRIVE TYPE	COUNT PACKAGING			
LENGTH FINISH	FINISH	DRIVETTPE	RETAIL PACK	DECK PACK	PRO PACK	BULK
1-1/2"	410 Stainless		100	350	1750	3500
1-5/8"		T20	100	350	1750	3500
2-3/8"			75	265	1750	_

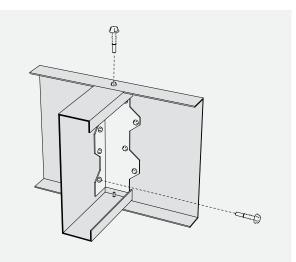
BUILDEX[®] TEKS SELECT[™]



5/16" Hex Washer Head: 10-16 x 3/4"

For all steel-to-steel and bracket connections.

Teks Select[™] is a trademark of ITW Buildex[®] and Illinois Tool Works, Inc. Teks Select[™] is manufactured by ITW Buildex® and packaged and distributed by Starborn Industries.



FASCIA SYSTEM Epoxy/Stainless

Fascia Screw

APPLICATION

Color matched fastening system for composite/PVC deck fascia and cladding. The system securely fastens fascia material while also allowing boards to expand and contract freely. Installation is a two-step process utilizing a pre-drilling tool and screws.

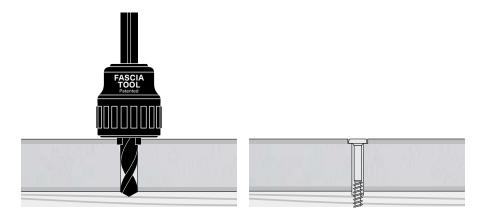
FEATURES

- Designed for use with 1/2" to 3/4" composite fascia profiles
- Fascia Tool creates an over-sized hole so that the board can expand and contract freely and provides a pre-set countersink that matches the head diameter and depth of the Fascia Screw
- Free spinning collar on Fascia Tool prevents damage to the fascia board surface
- Type 17 auger tips for faster, easier insertion and to help prevent splitting
- Available in a variety of colors

INSTALLATION

Follow all fascia manufacturer instructions, including specifications for screw spacing, edge/ end distances, and gapping.

- Pre-drill with the Fascia Tool until the collar stops spinning.
- Drive the Fascia Screw until snug, do not overtighten. The material should hang from the screw to allow for expansion and contraction.



FINISH

Epoxy coated Grade 305 Stainless

CORROSION

Exterior use—Approved for use in ACQ and pressure treated lumber.

For salt water or other areas where corrosion is a concern, use Grade 316 Stainless.

DRIVE SYSTEM

Star drive

TOOL COMPATIBILITY

Fascia Tool

FASCIA SYSTEM Epoxy/Stainless

AVAILABLE COLORS



BUCKSKIN #63

ROSY BROWN #65



CEDAR #81 JAVA #73

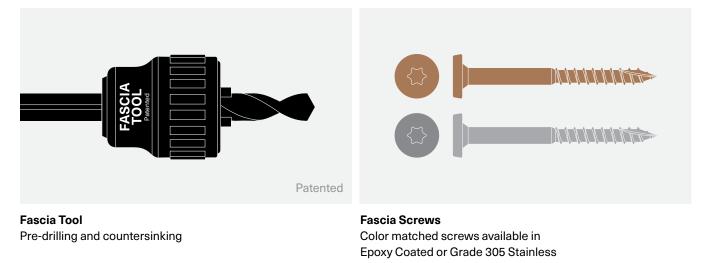
MAHOGANY #82

BURGUNDY #87

FASCIA SYSTEM COLORS

LENGTH	AVAILABLE COLORS				
10 x 1-7/8"	Ероху	31, 34, 37, 39, 43, 53, 54, 55, 56, 62, 63, 64, 65, 71, 73, 81, 82, 87			
9 x 1-7/8"	305 Stainless				

SYSTEM COMPONENTS (SOLD SEPARATELY)



FASCIA SYSTEM PACKAGING



LENGTH	FINISH	DRIVE TYPE	COUNT PACKAGING		
LENGTH	FINISH	DRIVETTE	RETAIL PACK BU		
1-7/8"	Ероху	T20	100	2500	
1-7/8	305 Stainless	120	100	2500	

STARB(RN.

PROPLUG BROPLUG BROPLUG<

Composite Decking and Cladding

APPLICATION

Hidden fastening system that provides a secure face-fastened connection with precision cut plugs made from actual decking and cladding materials. Installation is a two-step process utilizing a setting tool, screws and plugs. All components must be used together as instructed to ensure proper function.

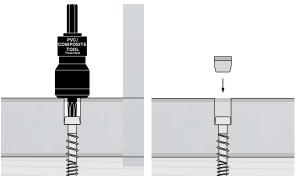
FEATURES

- Plugs are for 1" nominal (or greater) material and available in all leading deck and cladding brands
- Available in Kits (screws, plugs and tool) and Inventory Management (system components sold separately)
- Patented PVC/Composite Tool with Auto-Stop[™] sets screw to the correct depth without stripping screw recess
- Free spinning stop collar on setting tool prevents damage to the board surface
- Screws feature a Type 17 auger tip for faster, easier insertion and to help prevent splitting

INSTALLATION

Follow all decking and cladding manufacturer instructions, including specifications for screw spacing, edge/end distances, and gapping. Predrilling is recommended for all composite deck boards. Predrill a 3/16" pilot hole through the decking material only; not the joist. For Armadillo[®], DuraLife[®], NewTechWood[®] and Sylvanix[®] decking, use a 7/32" pilot hole.

- Fit setting tool with application specific driver bit, marked "DECK".
- Drive the screw with the PVC/Composite Tool using a standard drill on high speed.
- Do not use impact driver with setting tool.
- The setting tool's Auto-Stop[™] mechanism will make a "pop" sound when the screw is set to the correct depth. (Do not hesitate or slow down while driving.)
- Insert plug into hole and tap with a smooth-faced hammer until the plug is flush with board.



FINISH

Epoxy coated Grade 305 Stainless Grade 316 Stainless

CORROSION

Exterior use—Approved for use in ACQ and pressure treated lumber.

For salt water or other areas where corrosion is a concern, use Grade 316 Stainless.

DRIVE SYSTEM

Star drive

TOOL COMPATIBILITY

PVC/Composite Tool PVC/Composite DECK Bits Patented

PRO PLUG® SYSTEM Deck

PLUGS AVAILABLE IN THE FOLLOWING BRANDS

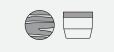
AERATIS®	AMERICAN PRO	ARMADILLO®	CLUBHOUSE®	DEKORATORS®
DURALIFE®	ENDECK®	ENVISION®	EVA-LAST®	FIBERON®
MOISTURESHIELD®	NEWTECHWOOD®	SYLVANIX®	TIMBERTECH®	TIVA®
TREX®	TRUNORTH DECK®	VEKADECK®	WEARDECK®	WOLF

New board brands are always being added to our product offering. Please refer to our website or contact Starborn[®] customer service if you do not see the board brand you are looking to use on your project.

SYSTEM COMPONENTS



PVC/Composite Tool For setting screws to the correct depth





Deck Bits

Screws Epoxy coated, grade 305 or grade 316 stainless, or epoxy coated grade 410 stainless for metal framing

Plugs Made from actual PVC/ Composite decking and trim material

PRO PLUG[®] SYSTEM DECK PACKAGING

KIT PACKAGING							
LENGTH	FINISH	COVERAGE	SCREWS	PLUGS	TOOL		
		100 lf	150	165	1		
2-3/4"	Epoxy 305 Stainless	100 sq ft	350	375	1		
		300 sq ft	1050	1125	1		
		100 lf	150	165	1		
		100 sq ft	350	375	1		
	010111035	300 sq ft	1050	1125	1		

INVENTORY MANAGEMENT—PLUGS ONLY				
PLUGS COVERAGE				
100	_			
375	100 sq ft			
1125	300 sq ft			

FOR METAL FRAMING—CAP-TOR XD METAL						
LENGTH FINISH SCREWS COVERAGE						
1-1/2"	Epoxy Coated 410 Stainless	075	100 (1			
1-5/8"	(Metal Framing)	375	100 sq ft			

For Metal Framing

Use 1-1/2" or 1-5/8" CAP-TOR $^{\circ}$ xd Metal screw and purchase plugs and PVC/Composite Tool separately.

INV	INVENTORY MANAGEMENT—SCREWS ONLY							
LENGTH	FINISH	SCREWS	COVERAGE					
		100	_					
2"		375	100 sq ft					
		1125	300 sq ft					
		100	—					
2-3/4"	Ероху	375	100 sq ft					
		1125	300 sq ft					
3"		100	—					
		375	100 sq ft					
		1125	300 sq ft					
		100	—					
2"		375	100 sq ft					
		1125	300 sq ft					
		100	—					
2-1/2"	305 Stainless	375	100 sq ft					
	otannooo	1125	300 sq ft					
		100	—					
3"		375	100 sq ft					
		1125	300 sq ft					
		100	—					
2-1/2"		375	100 sq ft					
	316	1125	300 sq ft					
	Stainless	100	—					
3"		375	100 sq ft					
		1125	300 sq ft					

PRO PLUG SYSTEM Trim Hidden Fastener for PVC Trim Board

APPLICATION

Hidden fastening system that provides a secure face-fastened connection with precision cut plugs made from actual PVC trim boards. Installation is a two-step process utilizing a setting tool, screws and plugs. All components must be used together as instructed to ensure proper function.

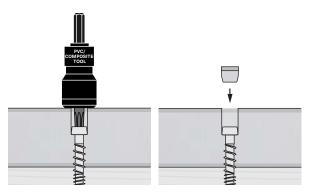
FEATURES

- Plugs are for 5/8" to 1-1/4" thick PVC trim and available in all leading brands
- Available in Kits (screws, plugs and tool) and Inventory Management (system components sold separately)
- Patented PVC/Composite Tool with Auto-Stop[™] sets screw to the correct depth without stripping screw recess
- Free spinning stop collar on setting tool prevents damage to the board surface
- Screws feature a Type 17 auger tip for faster, easier insertion and to help prevent splitting

INSTALLATION

Follow all PVC trim manufacturer instructions, including specifications for screw spacing, edge/end distances, and gapping.

- Fit setting tool with application specific driver bit, marked "TRIM".
- Drive the screw with the PVC/Composite Tool using a standard drill on high speed.
- Do not use impact driver with setting tool.
- The setting tool's Auto-Stop[™] mechanism will make a "pop" sound when the screw is set to the correct depth. (Do not hesitate or slow down while driving.)
- Insert plug into hole and tap with a smooth-faced hammer until the plug is flush with board.



FINISH

Epoxy coated Grade 305 Stainless Grade 316 Stainless

CORROSION

Exterior use—Approved for use in ACQ and pressure treated lumber.

For salt water or other areas where corrosion is a concern, use Grade 316 Stainless.

DRIVE SYSTEM

Star drive

TOOL COMPATIBILITY

PVC/Composite Tool PVC/Composite TRIM Bits

PRO PLUG® SYSTEM Trim

PLUGS AVAILABLE IN THE FOLLOWING BRANDS

AZEK®	BETTER BRAND®	BORAL®	CERTATRIM®	GREEN ATLANTIC®
INTEPLAST®	KLEER®	KOMA®	PALIGHT®	PLY GEM®
RESTORATION MILLWORK®	ROYAL®	VERSATEX®	WOLF	ХОтм

New board brands are always being added to our product offering. Please refer to our website or contact Starborn[®] customer service if you do not see the board brand you are looking to use on your project.

SYSTEM COMPONENTS



PVC/Composite Tool For setting screws to the correct depth







Screws Epoxy coated, grade 305 or grade 316 stainless, or epoxy coated grade 410 stainless for metal framing Plugs Made from actual PVC/Composite decking and trim material Trim Bits

1125

PRO PLUG® SYSTEM TRIM PACKAGING

$\begin{array}{cccccccccccccccccccccccccccccccccccc$											
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			KIT PAC	KAGING			INVENTORY MANAGEMENT—SCREWS ONLY				
$ \begin{array}{c} 2" \\ \\ 2 \\ \\ 2 \\ \\ 2 \\ -3 \\ 4" \end{array} \end{array} \begin{array}{c} 250 \ \text{if} & 375 & 400 & 1 \\ \hline 750 \ \text{if} & 1125 & 1200 & 1 \\ \hline 50 \ \text{if} & 75 & 85 & \\ \hline 250 \ \text{if} & 375 & 400 & 1 \\ \hline 750 \ \text{if} & 1125 & 1200 & 1 \\ \hline 750 \ \text{if} & 1125 & 1200 & 1 \\ \hline 750 \ \text{if} & 1125 & 1200 & 1 \\ \hline 750 \ \text{if} & 75 & 85 & \\ \hline 250 \ \text{if} & 375 & 400 & 1 \\ \hline 305 \\ 305 \\ 305 \\ 2 \\ -1/2" \end{array} \begin{array}{c} 50 \ \text{if} & 75 & 85 & \\ \hline 250 \ \text{if} & 375 & 400 & 1 \\ \hline 375 & 400 & 1 \\ \hline 375 & 400 & 1 \\ \hline 1125 & 1200 & 1 \\ \hline 50 \ \text{if} & 75 & 85 & \\ \hline 250 \ \text{if} & 375 & 400 & 1 \\ \hline 375 & 100 \ \text{sq} \\ \hline 1125 & 300 \ \text{sq} \\ \hline 100 & \\ \hline 375 & 100 \ \text{sq} \\ \hline 1125 & 300 \ \text{sq} \\ \hline 100 & \\ \hline 375 & 100 \ \text{sq} \\ \hline 1125 & 300 \ \text{sq} \\ \hline 100 & \\ \hline 375 & 100 \ \text{sq} \\ \hline 1125 & 300 \ \text{sq} \\ \hline 100 & \\ \hline 375 & 100 \ \text{sq} \\ \hline 1125 & 300 \ \text{sq} \\ \hline 100 & \\ \hline 375 & 100 \ \text{sq} \\ \hline 1125 & 300 \ \text{sq} \\ \hline 1125 & 300 \ \text{sq} \\ \hline 100 & \\ \hline 375 & 100 \ \text{sq} \\ \hline 100 & \\ \hline 375 & 100 \ \text{sq} \\ \hline 1125 & 300 \ \text{sq} \\ \hline 100 & \\ \hline 375 & 100 \ \text{sq} \\ \hline 1125 & 300 \ \text{sq} \\ \hline 100 & \\ \hline 375 & 100 \ \text{sq} \\ \hline 1125 & 300 \ \text{sq} \\ \hline 100 & \\ \hline 375 & 100 \ \text{sq} \\ \hline 1125 & 300 \ \text{sq} \\ \hline 100 & \\ \hline 375 & 100 \ \text{sq} \\ \hline 1125 & 300 \ \text{sq} \\ \hline 100 & \\ \hline 375 & 100 \ \text{sq} \\ \hline 100 & \\ \hline 375 & 100 \ \text{sq} \\ \hline 1125 & 300 \ \text{sq} \\ \hline 100 & \\ \hline 375 & 100 \ \text{sq} \\ \hline 100 & \\ \hline 375 & 100 \ \text{sq} \\ \hline 100 & \\ \hline 375 & 100 \ \text{sq} \\ \hline 1125 & 300 \ \text{sq} \\ \hline 1125 & 300 \ \text{sq} \\ \hline 100 & \\ \hline 100 & \\ \hline 100 & \\ \hline 100 & \\ \hline 100 &$	LENGTH	FINISH	COVERAGE	SCREWS	PLUGS	TOOL	LENGTH	FINISH	SCREWS	COVERAGE	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			50 lf	75	85	—			100	_	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	2"	n -	250 lf	375	400	1	2"		375	100 sq ft	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		Enova	750 lf	1125	1200	1			1125	300 sq ft	
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		Ероху	50 lf	75	85	—			100	—	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	2-3/4"		250 lf	375	400	1	2-3/4"	Ероху	375	100 sq ft	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			750 lf	1125	1200	1			1125	300 sq ft	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			50 lf	75	85	_			100	_	
Stainless 500 fr 75 85 2-1/2" 50 lf 75 85 250 lf 375 400 1 2-1/2" 250 lf 375 400 1 2" 375 100 sq 750 lf 1125 1200 1 2-1/2" 2" 305 375 100 sq 2-1/2" 2-1/2" 305 375 100 sq 1125 300 sq	2"		250 lf	375	400	1	3"		375	100 sq ft	
2-1/2" 250 lf 375 400 1 2" 375 100 sq 750 lf 1125 1200 1 2" 1125 300 sq 2-1/2" 750 lf 1125 1200 1 305 375 100 sq 1125 300 sq 100 - 305 375 100 sq 1125 300 sq 1125 300 sq 1125 300 sq 1125 300 sq		305	750 lf	1125	1200	1			1125	300 sq ft	
1125 1200 1 750 lf 1125 1200 1 2-1/2" 305 Stainless 305 1125 300 sq 100 1125 300 sq 100 sq 1125 300 sq 100 sq 100		Stainless	50 lf	75	85	_	 1 2"			100	_
2-1/2" 305 Stainless 100 1125 300 sq 1125 300 sq 100	2-1/2"	2-1/2"	250 lf	375	400	1			375	100 sq ft	
2-1/2" 305 Stainless 375 100 sq 1125 300 sq 100 —			750 lf	1125	1200	1			1125	300 sq ft	
Z-1/2 Stainless 375 100 sq 1125 300 sq 100 —				005	100	_					
<u>1125</u> 300 sq 100 —							2-1/2"		375	100 sq ft	
									1125	300 sq ft	
3" 375 100 sq									100	_	
			3"		375	100 sq ft					
1125 300 sq							1125	300 sq ft			
100 —							100	_			
INVENTORY MANAGEMENT—PLUGS ONLY 2-1/2" 375 100 sq	INVENTORY MANAGEMENT—PLUGS ONLY		2-1/2"		375	100 sq ft					
PLUGS COVERAGE 316 1125 300 sq		PLUGS			COVERAGE			316	1125	300 sq ft	
100 — Stainless 100 —		100			_				100	—	
400 250 lf 3" 375 100 sq		400			250 lf		3"		375	100 sq ft	

1200

750 lf

300 sq ft

Fascia Hidden Fastener for Composite Fascia Board and Cladding

APPLICATION

Hidden fastening system that securely fastens deck fascia and cladding while also allowing boards to expand and contract freely. Precision cut plugs are made from actual fascia material. Installation is a three-step process utilizing a predrilling tool and a setting tool (sold as a tool set) and screws and plugs. All components must be used together as instructed to ensure proper function.

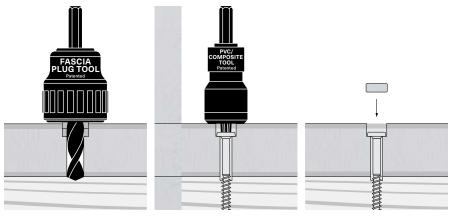
FEATURES

- Fascia Plug Tool predrills an over-sized hole so that the board can expand and contract freely and provides a pre-set countersink that matches the diameter and depth of screw and plug
- Free spinning stop collar on Fascia Plug Tool prevents damage to the board surface
- PVC/Composite Tool with Fascia Bit sets screw to proper depth and eliminates overdriving screw
- Screws feature Type 17 auger tip for faster, easier insertion and to help prevent splitting
- Kit packaging includes screws and plugs (Fascia Plug Tool Set sold separately)

INSTALLATION

Follow all fascia manufacturer instructions, including specifications for screw spacing, edge/ end distances, and gapping.

- Fit setting tool with application specific driver bit, marked "FSCA".
- Predrill with the Fascia Plug Tool until the collar stops spinning. Drive the screw with the PVC/Composite Tool using a standard drill on high speed.
- Do not use impact driver with setting tool.
- The setting tool's Auto-Stop[™] mechanism will make a "pop" sound when the screw is set to the correct depth. (Do not hesitate or slow down while driving.)
- Insert plug into hole and tap with a smooth-faced hammer until the plug is flush with board.



FINISH

Epoxy coated Grade 305 Stainless Grade 316 Stainless

CORROSION

Exterior use—Approved for use in ACQ and pressure treated lumber.

For salt water or other areas where corrosion is a concern, use Grade 316 Stainless.

DRIVE SYSTEM

Star drive

TOOL COMPATIBILITY

Fascia Plug Tool Set

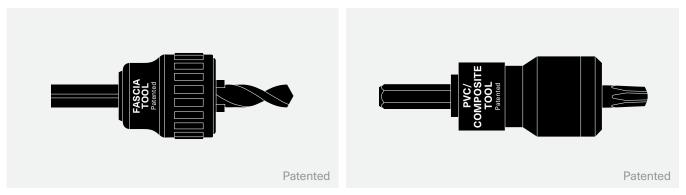
PRO PLUG® SYSTEM Fascia

PLUGS AVAILABLE IN THE FOLLOWING BRANDS



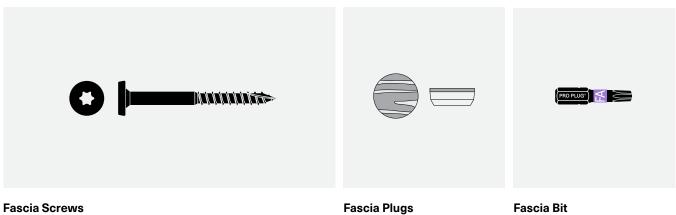
New board brands are always being added to our product offering. Please refer to our website or contact Starborn[®] customer service if you do not see the board brand you are looking to use on your project.

SYSTEM COMPONENTS



Fascia Plug Tool Set

Fascia Plug Tool for pre-drilling and PVC/Composite Tool for screw setting. (Sold Separately)



Epoxy coated, grade 305 or grade 316 stainless

Fascia Plugs Made from actual fascia material to match perfectly

PRO PLUG® SYSTEM FASCIA PACKAGING

	FINIOU			KIT PACKAGING	
LENGTH	FINISH	DRIVE TYPE	SCREWS	PLUGS	TOOL
	Ероху				
1-7/8"	305 Stainless	T20	100	100	_
	316 Stainless				

PROPLUGSystem System Sys

APPLICATION

Hidden fastening system that provides a secure face-fastened connection with precision cut, face grain plugs made from a variety of hardwood decking and flooring. Installation is a four step process utilizing a predrilling tool, glue (sold separately), screw and plug.

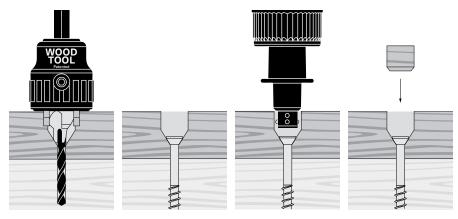
FEATURES

- Provides the strength of top-down fastening with the high end finish of face grain wood plugs
- Drill, screw, glue and plug all types of hardwoods in a fraction of the time compared to traditional plug methods
- Patented Wood Tool creates a screw hole, countersink and counterbore to match other system components
- Free spinning stop collar on Wood Tool prevents damage to the board surface
- Patented glue nozzle applies glue to the sidewall of the counterbored hole
- Kit packaging includes screws, plugs and glue nozzle (Wood Tool sold separately)

INSTALLATION

Follow all decking and flooring manufacturer instructions, including specifications for screw spacing, edge/end distances, and gapping.

- Predrill with the countersinking Wood Tool using a corded drill on high speed until the collar stops spinning. Remove debris from hole.
- Drive screw so that it is fully seated in the countersink. (Do not overtighten.)
- Fit glue nozzle on glue bottle. Apply glue to hole by pushing down and gently squeezing the bottle while rotating it one quarter turn, then remove. Glue should coat the side walls of the hole.
- Insert plug into hole, align grain of plug to match grain of board, and tap with a smooth-faced hammer until the plug is flush with board.



FINISH

DECKING KITS

Grade 305 Stainless Grade 316 Stainless

FLOORING KITS

Grade 305 Stainless

CORROSION

DECKING & FLOORING KITS

Exterior use—Approved for use in ACQ and pressure treated lumber.

For salt water or other areas where corrosion is a concern, use Grade 316 Stainless.

DRIVE SYSTEM

Star drive

TOOL COMPATIBILITY

Wood Tool Wood Tool Replacement Bits

PRO PLUG® SYSTEM Wood

PLUGS AVAILABLE IN THE FOLLOWING HARDWOOD DECKING

ALASKAN YELLOW CEDAR	вамвоо	BAMBOO CAMBARA CUMARU		DASSOXTR FUSED BAMBOO®
GARAPA	IPE	IRON WOODS®	ЈАТОВА	KEBONY®
MAHOGANY	MASSARANDUBA	MERANTI	MERBAU	PEDRA
PROTEAK	RED BALAU	THERMORY®	TIGERWOOD	YELLOW BALAU

PLUGS AVAILABLE IN THE FOLLOWING HARDWOOD FLOORING

AMERICAN CHERRY	AMERICAN WALNUT	EASTERN WHITE PINE	MAHOGANY	POPLAR
RED OAK	WHITE OAK			

New board brands are always being added to our product offering. Please refer to our website or contact Starborn® customer service if you do not see the board brand you are looking to use on your project.

SYSTEM COMPONENTS









Countersinking Wood Tool For predrilling and countersink Grade 305 or Grade 316 (Sold separately)

Screws stainless for decking, Grade 305 stainless for flooring

Glue Nozzle
Applies glue to sidewalls of
screw hole

Plugs Made from actual hardwood species

PRO PLUG® SYSTEM WOOD PACKAGING

DECK KIT PACKAGING							
LENGTH	FINISH	COVERAGE	SCREWS	PLUGS	TOOL		
		25 sq ft	100	100	—		
1-5/8"		100 sq ft	350	350	—		
	305	300 sq ft	1050	1050	—		
	Stainless	25 sq ft	100	100	—		
2-1/2" 1-5/8" 2-1/2"		100 sq ft	350	350	—		
		300 sq ft	1050	1050	—		
	316	25 sq ft	100	100	—		
		100 sq ft	350	350	—		
		300 sq ft	1050	1050	—		
	Stainless	25 sq ft	100	100	_		
		100 sq ft	350	350	_		
		300 sq ft	1050	1050	_		

FLOOR KIT PACKAGING												
LENGTH	FINISH	COVERAGE	SCREWS	PLUGS	TOOL							
1-5/8"		25 sq ft	100	100	—							
	305 Stainless	100 sq ft	350	350	—							
		300 sq ft	1050	1050	—							

SNART-BIT®

Predrilling and Countersinking Tool

For use with HEADCOTE[®] and DECKFAST[®] Stainless Screws

Patented

APPLICATION

Designed for decking and general woodworking when materials require predrilling. Tools are engineered to match precisely with HEADCOTE[®] and DECKFAST[®] stainless steel screws to provide a clean and professional finish.

FEATURES

- Perfect for use with hardwoods like ipe, mahogany, meranti and merbau
- Pre-set countersink matches head shape of HEADCOTE[®] and DECKFAST[®] stainless steel screws
- Free spinning stop collar protects board surface
- Durable ball bearing assembly
- Replaceable Powerbolic[®] fluted drill bits that cut through decking more than twice as fast as standard wood bits



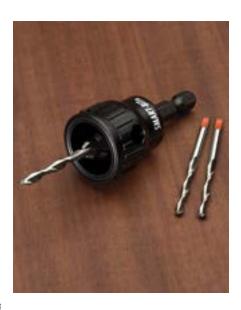


CORRECT USE

- Choose the tool size gauge that matches the diameter and head style of screw.
- (The 1-1/8" overall hole depth is sufficient for installing decking material up to 5/4 nominal (30mm thick)
- Drill in a straight and stable fashion.
- The hole is complete when the collar stops spinning.

REPLACING BITS

- Disconnect power and remove the SMART-BIT[®] Tool from the drill.
- Loosen the set screw with the included hex wrench.
- Remove old bit and insert a new bit fully into the countersink portion with the flat side facing the set screw.
- Tighten the set screw.
- Use only SMART-BIT[®] Powerbolic[®] replacement bits.





SMART-BIT[®] Predrilling and Countersinking Tool

DIMENSIONS

TOOL SIZE GAUGE (MM)	HEAD STYLE	DRILL BIT MM (INCH)	COUNTERSINK DIA. MM (INCH)	COUNTERSINK ANGLE	HOLE DEPTH* MM (INCH)
#7 (4.2)	Trim	3.0 (7/64")	6.2 (¼")	60°	30 (11/8")
#8 (4.5)	Trim	3.2 (1/8")	6.6 (17/64")	60°	30 (11/8")
#8 (4.5)	Flat	3.2 (1/8")	8.4 (21/64)	82°	30 (1-1/8")
#10 (5.0)	Flat	3.6 (9/64")	9.2 (23/64")	90°	30 (11/8")
#12 (5.5)	Flat	4.0 (5/32")	11 (7⁄16")	82°	40 (19⁄16")
#14 (6.2)**	Flat	5.25 (13/64")	12.9 (½")	82°	40&75 (19/16"&3")

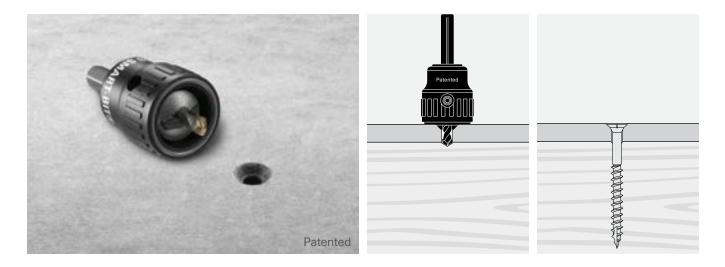
*Overall hole depth including countersink portion. When installing decking it is general practice to not pre-drill the underlying (joist) material; this is usually treated lumber and does not require pre-drilling. The 11/8" overall hole depth is sufficient for installing decking material up to 5/4 thick (nominal).

**The #14 Smart-Bit® comes with two 40mm bits and one 75mm bit. Durable ball bearing assembly

ALSO AVAILABLE FOR FIBER CEMENT

Designed specifically for use with compressed fiber cement board, but can also be used with a variety of fiber cement and masonry products.

- Tungsten carbide tip
- Durable ball bearing assembly
- Free spinning stop collar
- Use with #10 (5.0mm) flat head screws



SMART-BIT®

Depth Setter Tool

Driving Tool for Setting Screws to the Perfect Depth

Patented

APPLICATION

Designed to drive screws to the perfect depth—flush or below the work surface every time. Adjustable and easy to use on decks, drywall and in general construction. The tool works with Phillips[®] and Torx[®] bits and is designed for use with Starborn[®] fasteners and other screw products.

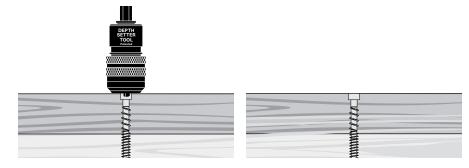
FEATURES

- Perfectly set screws every time
- Locking rings allow for screw depth adjustment and secures desired setting for consistent screw installation
- Auto-Stop[™] mechanism sets screw to the correct depth without stripping screw recess
- Free spinning stop collar prevents damage to the board surface

CORRECT USE

- Use a standard drill. Do not use an impact driver.
- Drill in a straight and stable fashion.
- The screw is set when the Auto-Stop[™] mechanism engages fully (making a "pop" sound in most materials).





REPLACING BITS

- Disconnect power and remove the SMART-BIT[®] Tool from the drill.
- Loosen the set screw with the included hex wrench.
- Remove old bit and insert a new bit fully into the countersink portion with the flat side facing the set screw.
- Tighten the set screw.
- Use only SMART-BIT[®] Powerbolic[®] replacement bits.



COMPATIBLE STARBORN® SCREWS

CAP-TOR® xd Stainless

Color Matched Screws for PVC and Composite Decking



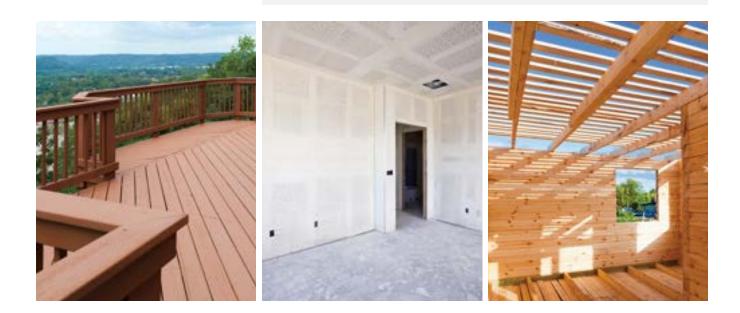
DECKFAST® Epoxy Lumber and PVC Trim



CAP-TOR[®] Metal

Color Matched Screws for Fastening PVC, Composite and Hardwood Decking to Trex Elevations and other **Metal Framing Systems**





BURGUNDY	¥	CEDAR	JAVA	CHOCOLATE	ROSY BROWN	SAND	BUCKSKIN		COOLGRAY		DARK GRAY	OLIVE GRAY	IVORY	D	WHITE	GRAY	BROWN	TAN-GRAY	STARBORN COLOR	BURGUNDY	MAHOGANY	CEDAR	JAVA	CHOCOLATE	ΝN	SAND	BUCKSKIN	SAHARA		WARMGRAY	DARK GRAY		IVORY		BLACK	GRAY	BROWN	TAN-GRAY
#87	#82	#81	#73 GOL NOF	#71	#65	#64	#63	#62	#56	#54	#53 SN	#51	#45	#43	#39	#37 C/	#34	#31	0R	#87	#82 RU	#81	#73 BR	#71 BOU	#65	#64	#63	#62	#55	#54	#53 CAN STE	#48	#45		#38	#37	#34 CAN	#31
SEASONED MAHOGANY		RUSTIC CEDAR	BRAZILIAN CHESTNUT · COLD BREW · GOLDEN TEAK · HICKORY · IPE · MARINER · NORTHERN · ROSEWOOD · RUSTIC TIMBER	RIVERBANK • SPANISH LEATHER		DESERT SAND · MOCHACCINO	SHORESIDE			CATALINE · SANDSTONE	GRAYSTONE • HARBOR GRAY • SMOKEY GRAY • SOUTHERN BARNWOOD					ALPINE GRAY • AURORA MIST • CAPE COD GRAY • CATHEDRAL STONE • CITADEL • LAKE FOG	BRIDLE • CANOE • TIGERWOOD • WALNUT	EARTHTONE	MOISTURESHIELD		RUSTIC RED • SUNSET		BRONCO • TORTOISE • TUMBLEWEED • VINTAGE SLATE	BOURBON • FOOTHILLS • SALOON • TWILIGHT • WALNUT		SAW GRASS			CHARCOAL		CANYON GRAY · SMOKE · STEEL WOOL · THUNDER			LINEN • WHITE SAND		COYOTE	CAMPFIRE • FIREWOOD • MESA • PAINTED DESERT	
DGANY		R	COLD BREW • IPE • MARINER • RUSTIC TIMBER	ILEATHER		HACCINO				STONE	N BARNWOOD					RA MIST • DRAL STONE • FOG			ED.				MAHOGANY	WALNUT		CLAY	IPE		IRONWOOD	BROOKSTONE	DRIFTWOOD		SANDSTONE			HICKORY		
			CHERRYWOOD	MERLOT · VANTAGE			HARVEST BROWN • TROPICAL GOLD	SAND DUNE			ASPEN GRAY · GRAPHITE · LAKE GREY · PONDERAY					SUMMITGREY	MESA BROWN • SANDPOINT • SPANISH CEDAR • TEAK		SYLVANIX			SEDONA	CANYON · CHICORY · KINGWOOD · RIVERSIDE · ROSEWOOD · WALNUT · WOODLAND	BARREL-AGED OAK • KHAYA • IRONWOOD • PATHWAY • RIVERHOUSE • SHIPYARD BROWN	CIDERHOUSE • MESQUITE • SANDBAR	MILLED MAPLE	CEDAR • DUNEWOOD • SANDALWOOD • TIMBERLINE		DRIFTWOOD • SLATE (PICTURE FRAME)	TUNDRA	DUSK · LAKEVIEW · RIDGELINE · RIDGEWAY · SIERRA · SMOKEHOUSE	MACADAMIA				ASHWOOD • COMPASS GRAY • FIELDSTONE • GRAY • KETTLE • SAI TWATER • SII VERWOOD • SIIMMIT	MESA • PRAIRIE • REDWOOD	
			ANTIQUE DARK OAK •	ACACIA • AMER DARK COCOA	CE	BROWN SA	ANTIQU			BOAR	ISLAN			BEACHWOC		ASHWOO DRIFTWOOD SILVER M/	ANT DARK ROAST	AUTUMN					GWOOD.	HAYA • /AY • BROWN	_				÷.							GRAY · ETTLE ·	NOOD	
		CYPRESS	ANTIQUE PALM • CARIBBEAN REDWOOD • DARK OAK • MOCHA • MOUNTAIN REDWOOD • RUSTIC ELM • SAPELE	ACACIA • AMERICAN WALNUT • BRAZILIAN WALNUT • DARK COCOA • DARK HICKORY • ESPRESSO • KONA	CEDAR • PECAN • SILVER OAK	BROWNSTONE • FRENCH WHITE OAK • SANDY BIRCH • TIDAL SAND	ANTIQUE LEATHER • COCONUT HUSK • TIGERWOOD	NATURAL WHITE OAK	AMAZON MIST	BOARDWALK · GREY · SLATE GRAY	ISLAND OAK • SANDSTORM GRAY • WEATHERED OAK		HAZELWOOD	BEACHWOOD GRAY • RECLAIMED CHESTNUT • WHITEWASH CEDAR	WHITE	ASHWOOD • CASTLE GATE • COASTLINE • DRIFTWOOD • MARITIME GRAY • SEA SALT GRAY • SILVER MAPLE • STONE ASH • STORM GRAY	ANTIGUA GOLD• BROWN OAK• DARK ROAST•DARK TEAK•ENGLISH WALNUT• MAHOGANY•MORADO	AUTUMN CHESTNUT · WEATHERED TEAK	TIMBERTECH*			BRAZILIAN CHERRY • GOLDEN TEAK		CABO BROWN • MOCHA		ASPEN TEAK • PEBBLE				COASTAL GREY	ARCADIA GRAY • GARAPA GREY • SLATE					IRONSTONE	MAHOGANY • TROPICAL WALNUT	
_						OAK·	IUSK			RAY	·AY•			HESTNUT •		SALT GRAY • M GRAY	K• WALNUT•	DTEAK					SEQUOIA	CHESTNUT		DUSK • OLIVEWOOD				DAWN			BEECHWOOD			SLATE	CEDAR • SABLE	
MADEIRA		TIKI TORCH	FIRE PIT • LAVA ROCK • SPICED RUM • SUNSET COVE	COASTAL BLUI	BEACH DUNE • TOASTED SAND	CARMEL • ROPE SWING			FOGGY WHARF • RAINIER	BISCAYNE · GRAVEL PATH	CLAM SHELL • ISLAND MIST				WOOD GRAIN WHITE	PEBBLE GREY • ROCKY HARBOR • WHIDBEY	HAVANA GOLD • JASPER • OCRACOKE • SADDLE • TREE HOUSE		TREX*										L					STAI GBEV			ABLE	
EIRA				COASTAL BLUFF · VINTAGE	OASTED SAND	OPE SWING			READINIER	RAVEL PATH	MIST				IN WHITE	GREY• R•WHIDBEY	GOLD · RACOKE · HOUSE		X*		REDWOOD	CEDAF	OIA CARIYON RIDGE- CARIBOU BROWN - SHADED AUBURN CEDAR	BLACK WALNUT • RUSTIC WALNUT • WEATHERED WICKER • WOODLAND BARK			HAMPTON E SANDSTONE • SE		BARNWOOD PLANK		GREY WOOD • HARBOR GREY				ALPINE FOU CAPE COD GF NANTUCKET S		SPICED TEAK • TANGLED TWINE • VINTAGE OAK	
	RED BORDEAUX	CARAMEL	BRAZILIAN CHERRY • MOCHA • TROPICAL WALNUT		BRULE		TIGERWOOD				AMAZON GREY					HAZELWOOD • STONE GREY		SAND	TRUNORTH *					.NUT • WEATHERED AND BARK			MPTON DUNE • ONE • SEASIDE PIER		CK PLANK									
	×		A+ ESPRESSO		HAZELNUT • WALNUT	MOCHA					•	KHAKI	ALMOND	GRAY	WHITE	STORM	CAYENNE		VEKADECK*	KONA SUNSET	ISLAND MAHOGANY • NATURAL IPE	BARRELOAK • CHESTNUT CEDAR • NATURAL CEDAR • WESTERN RED CEDAR	SPANISH SAFFRON • TIGER COVE	BRAZILIAN TEAK • ESPRESSO ROAST • HAWAIIN WALNUT	OASIS PALM	SAHARA SAND •	HIMALAYAN CEDAR	SWEDISH OAK	SIBERIAN BARK	ARCTIC BIRCH	ALASKAN DRIFTWOOD • CAPE TOWN GREY • CONCRETE GRAY				CARBONIZED OSAGE • CHARRED CEDAR	CARIBBEAN CORAL • GRAY SLATE • SAPPHIRE SILVER		
		CEDAR				SAND		BAREFOOT SAND						BAREFOOT GRAY	WHITE	GRAY	SADDLE	WAETHERWOOD	WEARDECK"		· YN	EDAR• DAR			ŝ				-								CABIN MULG/ DUNE	
	REDWOOD	TEAKWOOD	ACACIA • CINNAMON	BLACK WALNUT • MOCHA	CASHMERE	SAND CASTLE · SILVER TEAK · WILLOW	_	ND	ONTX	HARBOR GREY	PUMICE			IAY		DRIFTWOOD GREY • POTOMAC GREY	AMBERWOOD • CEDAR RIDGE • ROSEWOOD	OD WEATHERED IPE	WOLF	CINNABAR · MERANTI		TUPELO	BUNGALOW • CHESTNUT • MOUNTAIN ASH • ROSEWOOD • SANDY PIER	BURNT UMBER • ESPRESSO • KOA • LATTE	BROWNSTONE		CLAY+TUSCAN VILLA+ WARM SIENNA	BAMBOO • PRAIRIE WHEAT	EARL GREY • GRAY BIRCH • WEATHERED CLIFF • WENGE	CABANA · CHAI · SANDSTONE · SHADED CAY	BEACH HOUSE · FLAGSTONE · GRAPHITE · MOONLITCOVE · PALO					CASTLE GRAY • COTTAGE • MINERAL • MORA • NANTLICKET GRAY • SEASIDE MIST	CABIN • IPE • JATOBA • MORINGA • MULGA • NATURAL REEF • RUSSET DUNE • SUMAC • TUDOR BROWN	

STARBORN DECKMATCHER TABLE

Visit *starbornindustries.com/deck-matcher* for an interactive version of this chart, which also includes wood decking. The online version is updated frequently with new boards and colors.

Starborn Industries, Inc. Edison, NJ 08837 USA Rev. Date: 2024-02