

SPAX ENGINEERED
FASTENERS



PROJECT GUIDE

ULTIMATE STRENGTH FOR YOUR DECK

DECKING PROJECT GUIDE

SPAX® Engineered Fasteners are designed to drive faster and hold stronger. This guide will help you identify the best products and lengths for every part of your deck, calculate the boxes you'll need and arm you with tips from the SPAX Crew to help amplify your results.

 T-STAR, Partial Thread
WASHER HEAD, HCR®

 HEX, Partial Thread
WASHER HEAD, HCR®

▲ Deck Ledger Attachment (TER No. 1711-01) ■ Multi-Ply – Girder Truss (TER No. 1802-03)

DRIVE	T-30	T-40		T-50	3/8	7/16	1/2	5/8
	1/4"	5/16"		3/8"	1/4"	5/16"	3/8"	1/2"
	2 1/2" 4 1/2" 3" 5" 3 1/2" 3 1/2" 6" 4"	3" ■ 5" ▲ 10" 6" ■ 12" 4" ▲ 6 3/4" 4 1/2" ■ 8"		5" 6" 8" 10"	1 1/2" 5" 2" 6" 3"	3" 3 1/2" 4" ▲ 5" ▲	5" 6"	5" 10" 6" 12" 8"

 T-STAR plus, Double ThreadLok™
FLAT HEAD, 304 SERIES STAINLESS STEEL

#8	#10
1-5/8"	2-1/2" 3" 3-1/2"

 T-STAR plus, Partial Thread
TRIM HEAD, HCR®

 T-STAR plus, Double Thread
TRIM HEAD, HCR®

WHITE HCR®		YELLOW HCR®		WHITE HCR®		YELLOW HCR®	
#8	#8	#9	#8	#8	#8	#8	#8
2" 2-1/2"	1-1/4" 2" 1-1/2" 2-1/2"	3-1/8" 4"	4" 5"	2" 2-1/2"	2" 2-1/2"	3-1/8" 4"	3-1/8" 4"

 T-STAR plus, Partial Thread
FLAT HEAD, HCR-X™

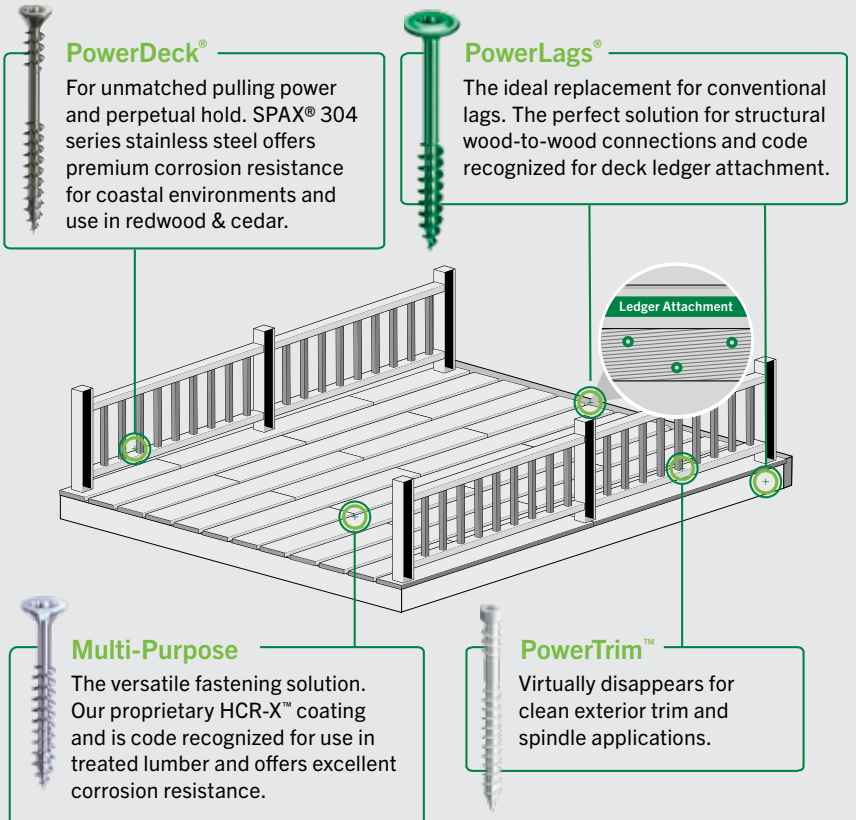
 T-STAR plus, Partial Thread
WAFFER HEAD, HCR-X™

#8	#9	#10	#14	#8	#10
1-1/4" 2" 1-1/2" 2-1/2"	2-1/2" 3-1/4"	1-1/2" 3" 2-1/2"	1" 2" 1-1/4" 3-1/2" 1-1/2" 3"	1-1/4" 4" 2-1/2" 4-3/4"	2-1/2" 3"

 T-STAR plus, Partial Thread
FLAT HEAD, 304 SERIES STAINLESS STEEL

#9	#10
1-1/2" 2"	2-1/2" 3"

FOR EVERY CONNECTION SPAX HAS YOU COVERED



PowerDeck®
For unmatched pulling power and perpetual hold. SPAX® 304 series stainless steel offers premium corrosion resistance for coastal environments and use in redwood & cedar.

PowerLags®
The ideal replacement for conventional lags. The perfect solution for structural wood-to-wood connections and code recognized for deck ledger attachment.

Multi-Purpose
The versatile fastening solution. Our proprietary HCR-X™ coating and is code recognized for use in treated lumber and offers excellent corrosion resistance.

PowerTrim™
Virtually disappears for clean exterior trim and spindle applications.

- 40% LESS TORQUE NEEDED
- + ZERO PRE-DRILLING
- + REDUCED STRIPPING
- = HOURS SAVED



PowerLags®

PowerDeck®

PowerTrim™

Multi-Purpose

QUICK REFERENCE CALCULATOR

For easy reference, we've calculated the number of deck board fasteners you'll need for 5 popular deck sizes, depending on the joist spacing you choose.

JOIST SPACING	DECK DIMENSIONS					# OF FASTENERS
	144 sq. ft.	240 sq. ft.	256 sq. ft.	320 sq. ft.	416 sq. ft.	
12" 4.3 fasteners per sq. ft.	620	1032	1100	1376	1790	
16" 3.6 fasteners per sq. ft.	520	720	864	1152	1498	
T-Star plus MultiPurpose Flat Head HCR-X™		T-Star plus Flat Head 304 Series Stainless Steel		T-Star plus Trim Head PowerDeck® 304 Series Stainless Steel		
FASTENER OPTIONS						

Note: The ideal size and length of fastener for deck board installation is #10 x 3"



For more pro tips, follow us on Instagram @SPAX_US

PRO TIPS

FROM MARK CLEMENT
@MYFIXITUPLIFE

TIP #1 Save time and don't pre-cut your deck boards. Run them long cut them all at once to get a perfect overhang.

TIP #2 Consider reinforcing your ledger board by butting up a 2'x6' under it and then securing it with a 2'x4' over top of both. This cleat is a great belt-and-suspenders approach to safety.

LEARN MORE AT SPAX.US/PRO-DESK



ENGINEERED
FASTENERS



ALTENLOH, BRINCK & CO. U.S., INC.
2105 County Road 12C
Bryan, OH 43506