

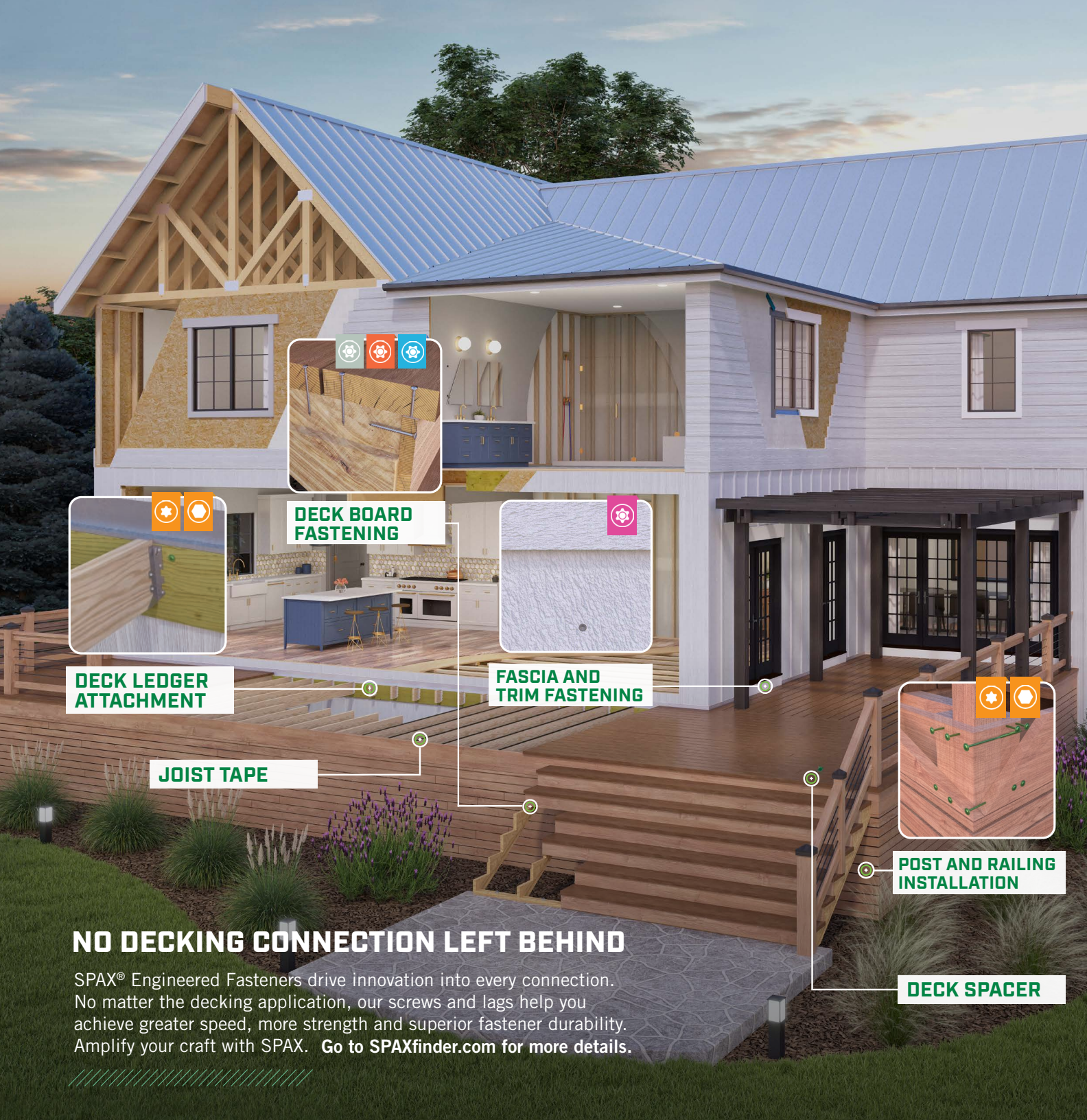


ENGINEERED
FASTENERS



DECKING PROJECT GUIDE

**BUILDING THE STRONGEST,
LONGEST-LASTING DECKS**



STRUCTURAL LAGS



POWERLAGS®
WASHER HEAD,
HCR®



POWERLAGS®
HEX WASHER
HEAD, HCR®



MULTI-MATERIAL FASTENERS



CONSTRUCTION
FLAT HEAD,
HCR-X™



CONSTRUCTION
WAFFER HEAD,
HCR-X™



SPECIALTY FASTENERS



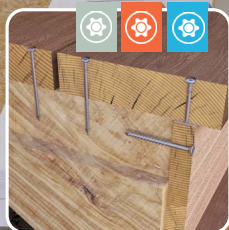
POWERDECK®
TRIM HEAD



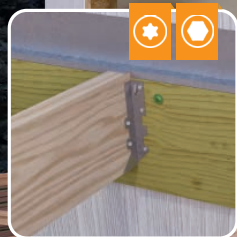
MULTI-PURPOSE
FLAT HEAD
304 SERIES



POWERTRIM®
TRIM HEAD,
WHITE HCR



**DECK BOARD
FASTENING**

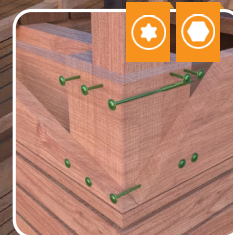


**DECK LEDGER
ATTACHMENT**



**FASCIA AND
TRIM FASTENING**

JOIST TAPE



**POST AND RAILING
INSTALLATION**

DECK SPACER

NO DECKING CONNECTION LEFT BEHIND

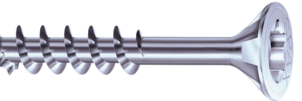
SPAX® Engineered Fasteners drive innovation into every connection. No matter the decking application, our screws and lags help you achieve greater speed, more strength and superior fastener durability. Amplify your craft with SPAX. Go to [SPAXfinder.com](https://spaxfinder.com) for more details.

KNOW YOUR COATINGS



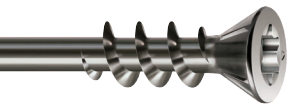
HCR®

HCR is a dual-barrier coating system designed to extend the longevity of SPAX® fasteners in ground-contact, treated lumber and exterior freshwater applications. Plated with a zinc base coat and finished with a durable top coat, they are engineered to withstand the toughest conditions.



HCR-X™

HCR-X is a SPAX-developed, proprietary, dual-barrier coating system with superior corrosion protection against red rust, designed for use in both treated lumber and freshwater environments.



STAINLESS STEEL

304 stainless steel fasteners provide code-compliant use in ground-contact, pressure-treated, and fire-retardant-treated lumber in general and coastal construction projects. They're well-suited for use with cedar and redwood decking.



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.

INDEPENDENTLY TESTED AND CODE-COMPLIANT

PowerLags®

DECK LEDGER ATTACHMENT
(TER No. 1711-01)

MULTI-PLY – GIRDER TRUSS
(TER No. 1802-03)

SPAX Engineered Fasteners receive independent evaluation and specialized testing through DrJ Engineering TER reports to ensure their certification for performance requirements in accordance with industry building codes. SPAX follows ICC-ES AC257 acceptance criteria for all exterior coated screws.

Our industry-leading fasteners meet International Residential Code (IRC) standards for one- and two-family dwellings not more than three stories high and International Building Code (IBC) standards for structures not covered by the IRC.



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.	16" 3.6 fasteners per sq. ft.				
12"	620	1032	1100	1376	1790	
16"	520	720	864	1152	1498	
FASTENER OPTIONS						
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		

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

BUY LESS. DO MORE.

SPAX PowerLags require up to 50% less fasteners for ledger board installations compared to other structural fasteners.



ACCESS OUR ONLINE CALCULATOR

Scan the QR code for instant access to fastener needs based on deck size and joist spacing.

LEARN MORE AT [SPAX.US/DECKSOLUTIONS](https://www.spax.us/decksolutions)



ENGINEERED
FASTENERS



ALTENLOH, BRINCK & CO. U.S., INC.
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Bryan, OH 43506