



QUICK REFERENCE GUIDE



DO YOU KNOW WHERE YOUR FASTENERS WERE MADE?

While most of our competitors ship screws in from overseas, we continuously innovate and make our fasteners from the heart of America to reimagine what structural connections should be.

SPAX
MANUFACTURED IN BRYAN, OH

90% OF STRUCTURAL WOOD-TO-WOOD FASTENERS
**ARE MANUFACTURED
OVERSEAS**

 **MADE IN AMERICA**

SPAX fasteners are made in America by people that care about getting it right. That means our products are ready to deliver and stock right now from our Ohio HQ to our neighbors across the U.S.



**GERMAN ENGINEERED.
AMERICAN MADE.**

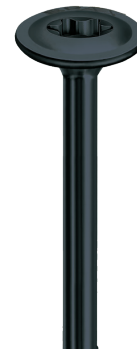


SPAX®
ENGINEERED
FASTENERS

CONFIDENCE DRILLED INTO EVERY CONNECTION

SPAX offers the largest variety of diameters, lengths and head styles in the industry to help get the best possible results on any project.

Our fasteners are tested under the toughest scenarios, including structural integrity and breakage and corrosion for code-compliance, creating more confidence in every connection.



THE SPAX FACTOR™ is a simple formula for working smarter. To multiply results and reduce effort — **just add SPAX.**



STRENGTH X SPEED X VERSATILITY =
SPAX INNOVATION

We combine industry-leading innovation with the precision of German engineering to deliver the most advanced fasteners on the market.

Explore our collection of engineered fasteners complete with advanced coating protection to prevent rust and structural failures.

WWW.SPAX.US



SPAX® T-STAR plus

Provides superior bit engagement to eliminate camming out and to facilitate single hand, overhead driving.



PATENTED MULTI-HEAD

A patented design featuring ribs on the underside of the head facilitates a flush or countersunk finish in wood and acts as a brake against metal hardware to prevent stripping out.



HCR-X™ COATING

Proprietary HCR-X Coating is approved for use in treated lumber and freshwater environments.



PATENTED THREAD SERRATIONS

Patented thread serrations dramatically increase installation speed.



UNIQUE 4CUT™ POINT

Zero pre-drilling, saving time and hassle.



IRC/IBC CODE COMPLIANT

PowerLags® outperform conventional lag screw standards and offer a connection that is IRC/IBC code compliant.

FIND THE RIGHT FASTENER FOR THE JOB

We offer a product for every project type and material application through our comprehensive line of fasteners. Drive faster turns with our tested, preferred products.

— PowerLags®

The perfect solution for structural exterior and interior wood-to-wood connections.

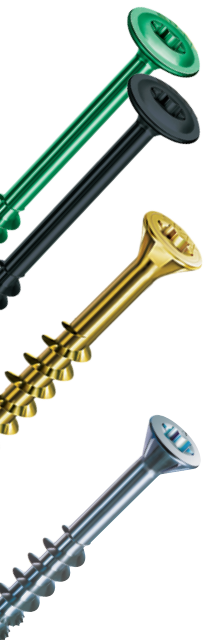
— Multi-Material Engineered Fasteners

For a wide range of both interior and exterior applications including wood, concrete, masonry, sheet metal and plastic.

— Specialty Engineered Fasteners

For specific applications including wood deck solutions, cabinets, medium density fiberboard, finishing trim, hardwoods and rear panel attachment.

For a more in-depth view, visit our [Fastener Finder](https://spax.us/products/fastener-finder) at spax.us/products/fastener-finder



SPAX®
ENGINEERED
FASTENERS

SPAX SETS THE BAR

AMERICAN-MADE, RIGOROUSLY INSPECTED, BUILT FOR STRENGTH

NOT ALL FASTENERS ARE CREATED EQUAL

Our Green Box Guarantee ensures honest, accurate sizing—not every manufacturer can say the same.

**GREENBOX
GUARANTEE**

When we say $\frac{5}{16}$ " ,
we mean $\frac{5}{16}$ "

$\frac{5}{16}$ " **SPAX** = $\frac{5}{16}$ "

$\frac{5}{16}$ " **COMPETITOR** = $\frac{1}{4}$ "



POWERLAGS®

THE IDEAL REPLACEMENT FOR CONVENTIONAL LAGS

Reduce pre-drilling and driving torque by up to 40% while still getting 100% quality and strength with our building code recognized PowerLags which are unlike any other lag on the market.

Applications

Heavy Carpentry

Treated Lumber – Decks and Pergolas

▲ Deck Ledger Attachment

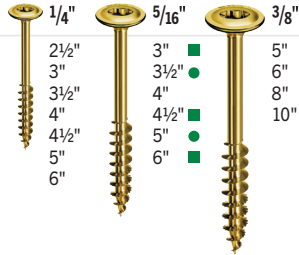
● Multi-Ply – LVL Beam

■ Multi-Ply – Girder Truss

INTERIOR

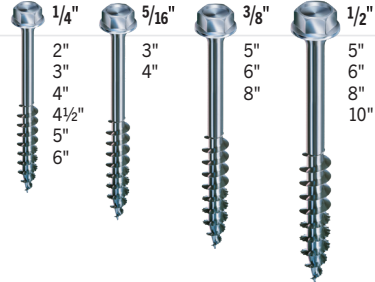
T-STAR, Partial Thread WASHER HEAD

DRIVE T-30 T-40 T-50



HEX, Partial Thread WASHER HEAD

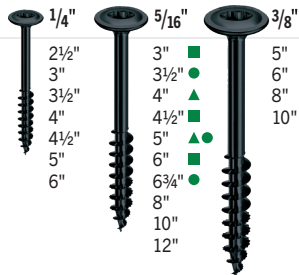
3/8 7/16 1/2 5/8



EXTERIOR & TREATED LUMBER

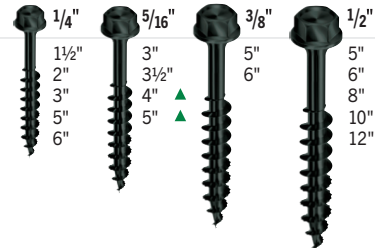
T-STAR, Partial Thread WASHER HEAD

DRIVE T-30 T-40 T-50



HEX, Partial Thread WASHER HEAD

3/8 7/16 1/2 5/8



BUILT-ON WASHER
Offers a low profile option for outstanding clamping force with improved aesthetics.

STRONGER CONNECTION

PATENTED SERRATIONS
40% LESS TORQUE NEEDED

ZERO PRE-DRILLING

T-STAR REDUCED STRIPPING

HCR® COATING
IRC/IBC CODE COMPLIANT
For use in treated lumber and exterior exposure condition 3 (general construction)

HEAT TREATED
GRADE-5 DURABILITY

Dr J

TER No. 1711-01
Deck Ledger Attachment
TER No. 1802-03
Multi-ply: Sawn Lumber
Assemblies & Engineered
Wood Assemblies

**T-STAR Washer Head
PowerLags®**



POWERLAGS® STRENGTH IN EVERY CONNECTION



TER No. 1912-07
Structural Wood
Fastener Properties

TER No. 1711-01
Deck Ledger
Attachment



TER No. 1802-03
Multi-ply: Sawn
Lumber Assemblies
& Engineered Wood
Assemblies

SPAX IS INDEPENDENTLY TESTED AND APPROVED

DrJ Engineering TER reports use specialized testing and industry-approved evaluations to certify that products meet specific performance requirements of the appropriate sections of the appropriate building code. We follow ICC AC257 acceptance criteria for all exterior coated screws.



International Residential Code (IRC)
RESIDENTIAL
IRC applies to detached one-and-two family dwellings and townhouses not more than three stories.



International Building Code (IBC)
BUILDING CODE
IBC applies to all buildings or structures that do not conform to the IRC.

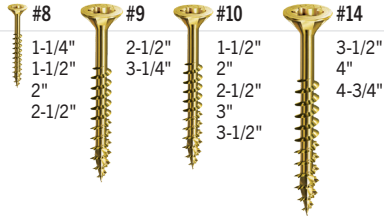
MULTI-MATERIAL ENGINEERED FASTENERS

THE VERSATILE FASTENING SOLUTION

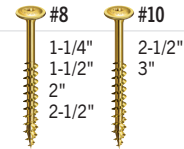
SPAX® Multi-Material engineered fasteners are the versatile fastening solution for a wide range of interior and exterior applications in multiple materials including wood, masonry, drywall, plastic and sheet metal.

INTERIOR

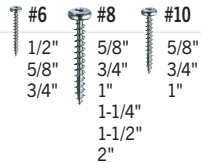
T-STAR plus, Partial Thread FLAT HEAD



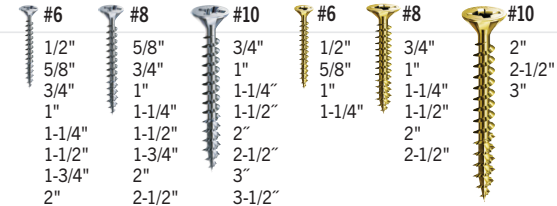
T-STAR plus, Partial Thread WAFER HEAD



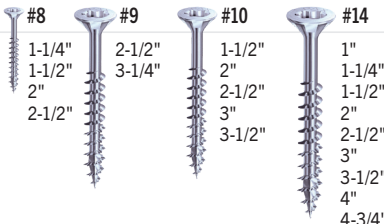
Unidrive, Full Thread PAN HEAD



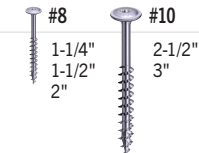
Unidrive (Phillips/Square Drive Combo), Full Thread FLAT HEAD



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



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



EXTERIOR & TREATED LUMBER



PATENTED MULTI-Head
For flush or countersunk finish in wood
MILLS INTO WOOD
BRAKES ON METAL

PATENTED SERRATIONS
40% LESS
TORQUE NEEDED

T-STAR PLUS
SUPERIOR
BIT ENGAGEMENT

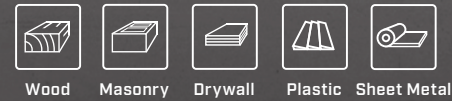
HEAT TREATED
GRADE-5 DURABILITY

4CUT POINT
PREVENTS
SPLITTING

ZERO
PRE-DRILLING
IN WOOD

Dr J TER No. 2010-02
Construction Screw
Properties

Works with almost any material



T-STAR plus Flat Head
Multi-Material

SPECIALTY ENGINEERED FASTENERS

EXCEPTIONAL SOLUTIONS FOR SPECIAL PROJECTS

Use for a variety of interior and exterior projects.

304 Stainless Steel Applications

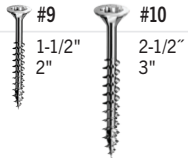
Exterior treated lumber decks including Cedar, Redwoods and coastal environments

Specialty Screws Applications

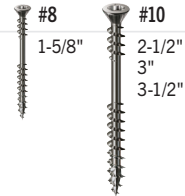
- Cabinets
- Medium density fiberboard
- Hardwoods
- Rear panel attachment

304 STAINLESS STEEL

T-STAR *plus*, Partial Thread FLAT HEAD

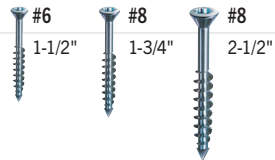


T-STAR *plus*, Partial Thread TRIM HEAD



SPECIALTY SCREWS

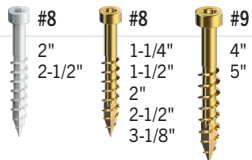
T-STAR *plus*, Partial Thread MDF/HARDWOOD TRIM HEAD



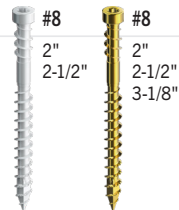
Cross Recess Drive, Partial Thread WAFER HEAD



T-STAR *plus*, Partial Thread TRIM HEAD



T-STAR *plus*, Double Reverse Thread TRIM HEAD



TRIM HEAD
Offers a low profile option for improved aesthetics.
PERFECT FOR DECKS

304 STAINLESS STEEL
PREMIUM CORROSION RESISTANCE

T-STAR PLUS
SUPERIOR BIT ENGAGEMENT

ZERO PRE-DRILLING

DOUBLE THREADLOK™
PULLS AND HOLDS BOARDS TIGHT
preventing fasteners from backing out and boards from squeaking as lumber dries out

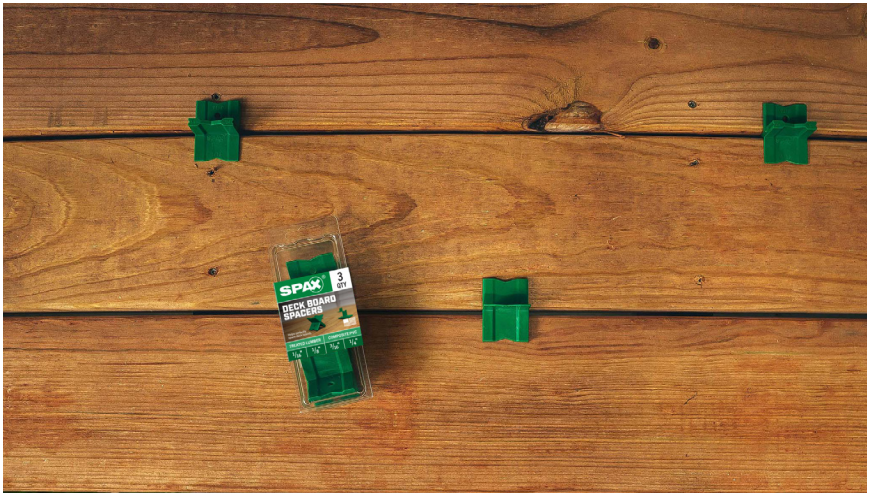
PATENTED SERRATIONS
40% LESS TORQUE NEEDED

4CUT™ POINT
PREVENTS SPLITTING

Dr J
TER No. 2010-02
Construction Screw Properties

T-STAR *plus* Trim Head
PowerDeck® 304 Stainless Steel





Deck Spacers

Beam & Joist Tape

Composite Deck Screws



We have everything you need to build the strongest decks in the neighborhood. Scan the QR code to find out more.



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