



ENGINEERED
FASTENERS

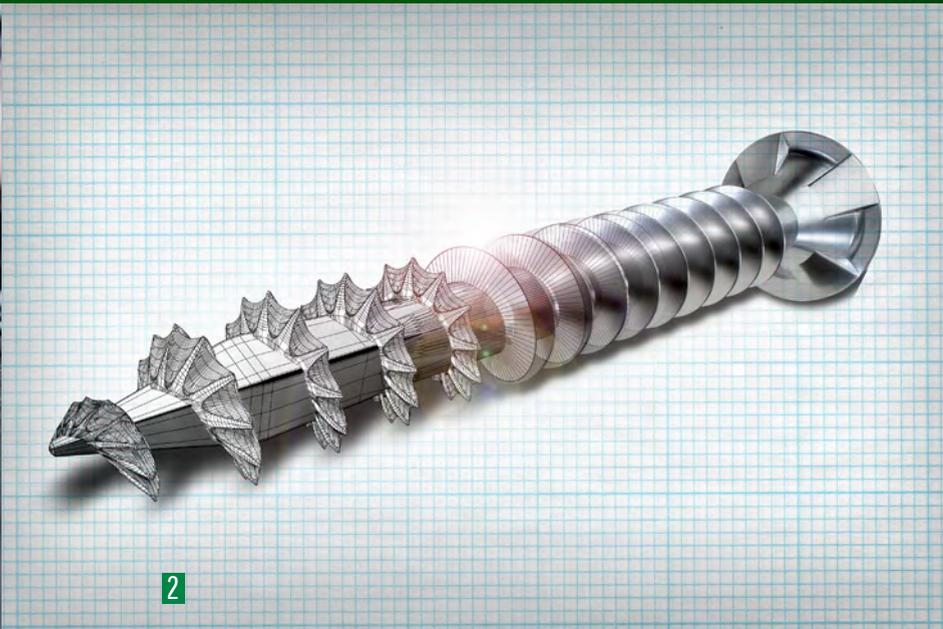
CREATING STRONGER CONNECTIONS

Multi-Purpose, Specialty & Powerlags® Engineered Fasteners





AMPLIFY YOUR CRAFT





THE SPAX[®] FACTOR[™]

For the craftsman that concentrates on the details, we work for you.
For the pro that puts quality first, we help you create stronger connections.

We have one purpose — enhance your performance.

Provide you with the most advanced engineered fasteners to create the highest structural integrity in each connecting point.
Help you improve results when your reputation is on the line.
Integrate strength, speed and ease into every drive.
You're not standard, neither are we.
Rely on us to amplify your craft.



Multi-Purpose Engineered Fasteners

Specialty Engineered Fasteners

PowerLags[®]

DRILL CONFIDENCE IN VIRTUALLY EVERY APPLICATION

Multi-Purpose Engineered Fasteners

SPAX® Multi-Purpose Engineered Fasteners are the versatile solution for a wide range of interior and exterior applications in multiple materials including wood, masonry, concrete, plastic and sheet metal.

- No pre-drilling*
- Faster, easier driving
- Heat treated to Grade 5 durability to guard against camming out and breaking
- Helps prevent splitting (wood) and stripping out
- Wide selection of sizes, lengths and head styles

*Pre-drilling required in concrete/masonry applications



Patented MULTHead
Countersinks screw head flush with material.



Patented Serrations
Allow for quicker, easier fastening.



Unique 4CUT™ Point
Prevents splitting and requires no pre-drilling in wood.



The unique SPAX® T-STAR *plus* drive, featuring a "guide cone" at the bottom of recess, provides superior bit engagement to eliminate camming out and to facilitate single hand, overhead driving.

T-STAR plus Flat Head

- For flush or countersunk installations
- T-STAR plus drive offers superior bit engagement to eliminate camming out; ideal for overhead work
- Available in yellow zinc coating for interior work and exclusive SPAX HCR-X™ Coating for use in treated lumber and exterior, coastal environments (Not for use with redwood or cedar)

T-STAR plus Wafer Head

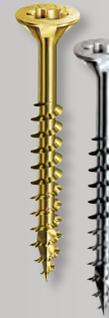
- Low-profile head design is ideal for the installation of fine cabinetry
- Wider head design offers increased surface area for draw down where flush or countersunk installation is not necessary or desired
- Available in yellow zinc for interior work and exclusive SPAX HCR-X™ Coating for use in treated lumber and exterior, coastal environments (Not for use with redwood or cedar)

Unidrive Flat Head (Phillips/Square combo)

- For flush or countersunk installations
- Available in “standard thread” and “partial thread” styles
- Offered in yellow zinc or zinc coatings for interior projects

Unidrive Pan Head (Phillips/Square combo)

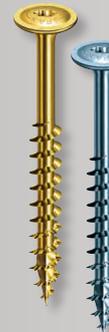
- Provides excellent draw down and holding performance in multiple materials where a flush or countersunk installation is not possible or desired
- Available in zinc coating for interior projects



T-STAR plus FLAT HEAD

YELLOW ZINC – INTERIOR HCR-X™ – EXTERIOR

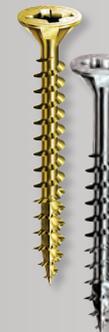
DIAMETER	LENGTHS
#8	1-1/4", 1-1/2", 2", 2-1/2"
#9	2-1/2", 3-1/4"
#10	1-1/2", 2", 2-1/2", 3", 3-1/2"
#14	1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 3-1/2", 4", 4-3/4"



T-STAR plus WAFER HEAD

YELLOW ZINC – INTERIOR HCR-X™ – EXTERIOR

DIAMETER	LENGTHS
#8	1-1/4", 1-1/2", 2", 2-1/2"
#10	2-1/2", 3"



UNIDRIVE FLAT HEAD

YELLOW ZINC – INTERIOR ZINC – INTERIOR

DIAMETER	LENGTHS
#6	1/2", 5/8", 3/4", 1", 1-1/4", 1-1/2", 2"
#8	5/8", 3/4", 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/2"
#10	3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 3-1/2"



UNIDRIVE PAN HEAD

ZINC – INTERIOR

DIAMETER	LENGTHS
#6	1/2", 5/8", 3/4"
#8	5/8", 3/4", 1", 1-1/4", 1-1/2", 2"
#10	5/8", 3/4", 1"



SPAX.US

STAY CONNECTED STRONGER FOR LONGER

PowerLags®

For structural wood-to-wood connections and heavy carpentry.

SPAX PowerLags® offer the largest selection of code-recognized structural wood-to-wood engineered fasteners in the industry. Featuring SPAX patented thread technology, they require no pre-drilling, and drive faster and easier than conventional lags and other structural screws.

- Code listings ICC-ES No. ESR-1782
- Technical Evaluation Reports: TER No. 1711-01 (deck ledger attachment) and TER No. 1802-03 (multi-ply applications; LVL beam and girder truss)
- Heat treated to Grade 5 durability
- Available in 1/4", 5/16", 3/8" and 1/2" diameters in lengths up to 12"
- Patented thread serrations require up to 40% less driving torque to increase installation speed while helping prevent cracking in logs
- Built-on washer head designs eliminate the need and extra cost of a separate washer
- Fastener length stamp on the head provides convenient identification without measuring and aids on-site inspections



ICC
ES
No. ESR-1782

TER No. 1802-03 (5/16")
Multi-ply for LVL Beams and Girder
Truss Applications

TER No. 1711-01 (5/16")
Deck Ledger Attachment



T-Star Washer Head

- Low-profile, large diameter head design allows for outstanding clamping force and improved aesthetics
- Deep T-Star drive offers excellent bit engagement without requiring a “special” driver bit
- SPAX HCR® Coating is approved for use in treated lumber

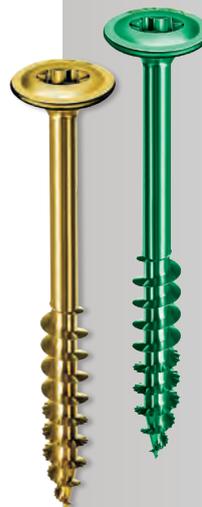
Hex Washer Head

- Provides maximum driver engagement, especially when using larger diameter/longer length parts in harder wood species
- SPAX HCR® Coating is approved for use in treated lumber

Multi-Ply Application



Deck Ledger Attachment



T-STAR WASHER HEAD

YELLOW ZINC - INTERIOR HCR® - EXTERIOR

DIAMETER	LENGTHS
1/4"	2-1/2", 3", 3-1/2", 4", 4-1/2", 5", 6"
5/16"	3", 3-1/2", 4", 4-1/2", 5", 6", 6-3/4", 8", 10", 12"
3/8"	5", 6", 8", 10"



TER No. 1711-01; (5/16" x 4" or 5" with HCR Coating)

TER No. 1802-03; Multi-ply:
LVL Beams; (5/16" x 3 1/2", 5" and 6 3/4" with YZ or HCR)
Girder Truss; (5/16" x 3", 4 1/2" and 6" with YZ or HCR)



HEX WASHER HEAD

ZINC - INTERIOR HCR® - EXTERIOR

DIAMETER	LENGTHS
1/4"	1-1/2", 2", 3", 3-1/2", 4", 4-1/2", 5", 6"
5/16"	3", 3-1/2", 4", 5"
3/8"	5", 6", 8"
1/2"	5", 6", 8", 10", 12"



TER No. 1711-01; (5/16" x 4" or 5" with HCR Coating)

ENHANCED PERFORMANCE FOR UNIQUE APPLICATIONS

304 Series Stainless Steel Engineered Fasteners

SPAX 304 Series Stainless Steel Engineered Fasteners offer premium corrosion resistance and long-term aesthetics in wood decking/railing, fencing and other exterior wood applications.

- *T-STAR plus* drive provides superior bit engagement
- Patented thread serrations and unique 4CUT™ Point eliminate pre-drilling and help guard against splitting
- Ideal for use in cedar and redwood applications to prevent possible staining of the wood caused by other exterior coatings
- SPAX POWERDECK® Stainless Steel Engineered Fasteners with Double ThreadLok™ design pull and hold boards tight, preventing the fasteners from backing out and boards from squeaking as lumber dries out



T-STAR plus FLAT HEAD,
DOUBLE THREADLOK™

304 SERIES STAINLESS STEEL DECK SCREW

DIAMETER	LENGTHS
#8	1-5/8"
#10	2-1/2", 3", 3-1/2"



T-STAR plus FLAT HEAD, PARTIAL THREAD

304 SERIES STAINLESS STEEL, MULTI-PURPOSE EXTERIOR

DIAMETER	LENGTHS
#9	1-1/2", 2"
#10	2-1/2", 3"





MDF/Hardwood Engineered Fasteners

SPAX® MDF/Hardwood Engineered Fasteners are specifically designed to prevent splitting in medium density fiberboard (MDF) and hardwoods without pre-drilling. Also very effective for attaching lightweight, high-density polyurethane trim.

- Unique CUT Point and patented thread serrations prevent splitting without pre-drilling
- *T-Star plus* drive provides superior bit engagement
- Mini flat head design with cutting ribs under the head allows flush or countersunk installation for a clean look

Rear Panel Engineered Fasteners

SPAX Rear Panel Engineered Fasteners are designed for attaching back panels to bookcases, storage units and cabinetry without deforming or damaging the panel.

- Low-profile wafer head design provides a larger surface area to prevent damage to the panel
- SPAX patented thread serrations and unique 4CUT™ Point require no pre-drilling and prevent splitting



T-STAR plus FLAT HEAD,
MDF/HARDWOOD SCREW

ZINC – INTERIOR

DIAMETER	LENGTHS
#6	1-1/2"
#8	1-3/4", 2-1/2"



POZI DRIVE WAFER HEAD,
REAR PANEL SCREW

ZINC – INTERIOR

DIAMETER	LENGTH
#8	1-1/4"



CONQUER THE MOST DEMANDING WOOD-TO-WOOD APPLICATIONS

312 Series PowerLags® for Log Homes

SPAX 312 Series PowerLags bring a new level of fastening efficiency and reliability to log home construction. SPAX patented thread serrations eliminate pre-drilling and dramatically increase installation speed. Also ideal for the construction of wooden landscape retaining walls. Code listed and load rated.

- No pre-drilling required
- Code listing ICC-ES No. ESR-1782
- Low-profile, large diameter head styles provide exceptional draw down of even rogue logs
- Interior T-Star drive provides superior bit engagement and allows for easy back-out of the fastener if necessary when the head is countersunk
- Fastener length stamp on the head provides convenient part identification
- Job-friendly quantities and weather-resistant packaging
- Made in USA

TimberLags®

SPAX TimberLags are the ideal fastening solution for many applications in timber frame construction. Engineered specifically for demanding wood-to wood structural applications, TimberLags feature SPAX patented thread serrations that significantly increase installation speed.

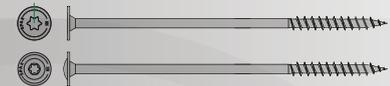
- No pre-drilling (wood dependent)
- Grade 5 durability
- Interior T-Star drive provides superior bit engagement and allows for easy back-out of the fastener if necessary when the head is countersunk
- Fastener length stamp on the head provides convenient part identification
- Job-friendly packaging quantities
- Made in Germany



312 Series PowerLag®



TIMBERLAG®



312 SERIES POWERLAGS® T-STAR PANCAKE HEAD T-STAR WASHER HEAD

DIAMETER	LENGTHS
5/16"	6" THRU 16"



TIMBERLAGS® T-STAR WASHER HEAD

DIAMETER	LENGTHS
10MM	200MM, 240MM, 280MM, 340MM, 380MM, 450MM



TIMBERLAGS® T-STAR FLAT HEAD*

DIAMETER	LENGTHS
10MM	200MM, 240MM, 280MM, 340MM, 450MM
12MM	450MM, 600MM

*Not normally stocked - available upon request

PROJECT-FRIENDLY PACKAGING.

Whether you need just a few fasteners for a minor repair or a bucket full for a large deck or pergola project, SPAX offers the widest selection of job-appropriate packaging options to minimize your hardware and building material costs.

Multi-Purpose Engineered Fasteners



MULTI-PURPOSE ENGINEERED FASTENERS

- Small Plastic
- 1 lb. Box
- 3 lb. Box
- 5 lb. Box
- Bulk Pail



PowerLags®

POWERLAGS

- By the piece
- 12 count clamshell Project Pax
- 25 and 50 count Contractor Pax
- Bulk Pail





ENGINEERED
FASTENERS



SPAX® is a brand of ALTENLOH, BRINCK & CO. of Ennepetal, Germany, founded in 1823. Today, the SPAX brand represents a broad selection of engineered fasteners for the construction and automotive industries, and symbolizes the highest quality fastening solutions. It's one of the most recognized brands in Europe!

SPAX engineered fasteners are sold nationwide through leading home improvement centers, hardware and fastener distribution chains, and in a growing number of lumber and building material dealers.



SINCE 1823

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