

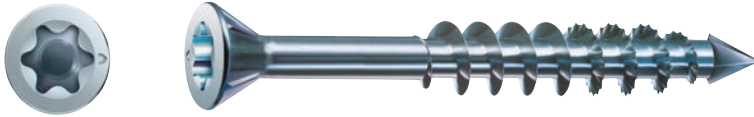


T-STAR plus Trim Head Zinc MDF/Hardwood



ENGINEERED FASTENERS

Multi-Purpose Engineered Fasteners



MADE IN U.S.A.

DESCRIPTION

SPAX® MDF / Hardwood fasteners with T-STAR plus trim head, UNIQUE CUT™ POINT and zinc coating are designed for use in delicate and thin lumber used in interior finishing applications. The UNIQUE CUT™ POINT provides a pre-drilling feature for easy installation in hardwood trim and medium density fiberboards. These fasteners are often used in fine woodworking and cabinet assembly.

MATERIALS & COATING

Cold-rolled “carbon steel” wire, heat treated to grade 5 durability and plated with a zinc finish to prevent red rust. “Clear zinc” is tested and recognized for use in above ground contact pressure treated lumber for interior dry/damp general construction applications (e.g. AWPA UC1-UC2).



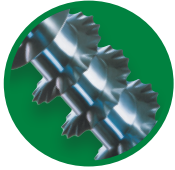
Trim Head with Cutting Ribs

Facilitates a flush or countersunk installation for desired aesthetics.



Unique CUT™ Point

Prevents splitting and requires no pre-drilling in wood.



Patented Serrations

Allow for quicker, easier fastening.



T-STAR plus Drive

“The PRO’s Choice” drive system provides superior bit engagement, eliminates camming out and facilitates overhead driving.



TYPICAL INTERIOR APPLICATIONS

- Hardwood connections for furniture
- Interior finishing with thin lumber
- Cabinet connections with MDF (medium-density fiberboard) and hardwoods
- Wood railing connections
- Installing interior door jambs
- Wood chair spindle connections/repair

INTERIOR

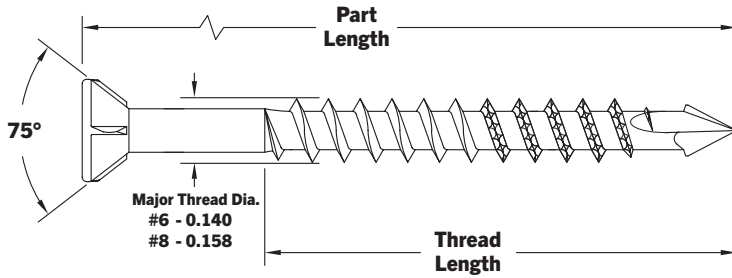


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PRODUCT SELECTION

Part Length	Thread Length		Head Size	Drive/Bit Size	Approx. Qty.	Pkg. Type	Master Qty.	Part No.
	Full	Partial						
#6 x 1-1/2"	N/A	1.060	0.230	T15+	300	1 lb. Box	5	4351010350404
#8 x 1-3/4"	N/A	1.160	0.270	T20+	200	1 lb. Box	5	4351010400454
#8 x 2-1/2"	N/A	1.380	0.270	T20+	154	1 lb. Box	5	4351010400604

NOTE: Only sold in master cartons.

INTERIOR



1 lb. Box



T-Star plus Bit

BIT SELECTION

Drive Bit	Bit Size	Master Qty.	Part No.
T20+	1"	10	5000009185209
	2"	10	5000009285209

NOTE: Only sold in master cartons. Made in Taiwan.



FASTENER LENGTHS

Part Length	Head	Fastener	Part Length	Head	Fastener
#6 x 1-1/2"			#8 x 2-1/2"		
#8 x 1-3/4"					



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PERFORMANCE SPECIFICATIONS



TER No. 2010-02
Multi-Purpose Fastener Properties

DIAMETER	ALLOWABLE WITHDRAWAL (W) AND HEAD PULL-THROUGH (W_H) ^{1,2,3,4,5}					
	SOUTHERN PINE (G=0.55)		DOUGLAS-FIR (G=0.50)		HEM FIR & SPRUCE-PINE-FIR (G=0.42)	
	WITHDRAWAL (W) (lbs./inch)	HEAD PULL-THROUGH (W_H) (lbs.)	WITHDRAWAL (W) (lbs./inch)	HEAD PULL-THROUGH (W_H) (lbs.)	WITHDRAWAL (W) (lbs./inch)	HEAD PULL-THROUGH (W_H) (lbs.)
#6	124	N/A	108	N/A	64	N/A
#8	124	240	114	161	106	149

DIAMETER	ALLOWABLE WITHDRAWAL (W) AND HEAD PULL-THROUGH (W_H) ^{1,2}													
	PLYWOOD 15/32" (G=0.39)		PLYWOOD 19/32" (G=0.39)		PLYWOOD 23/32" (G=0.50)		OSB 7/16" (G=0.50)		OSB 15/32" (G=0.50)		OSB 19/32" (G=0.50)		OSB 23/32" (G=0.50)	
	WITHDRAWAL (W) (lbs.)	HEAD PULL-THROUGH (W_H) (lbs.)	WITHDRAWAL (W) (lbs.)	HEAD PULL-THROUGH (W_H) (lbs.)	WITHDRAWAL (W) (lbs.)	HEAD PULL-THROUGH (W_H) (lbs.)	WITHDRAWAL (W) (lbs.)	HEAD PULL-THROUGH (W_H) (lbs.)	WITHDRAWAL (W) (lbs.)	HEAD PULL-THROUGH (W_H) (lbs.)	WITHDRAWAL (W) (lbs.)	HEAD PULL-THROUGH (W_H) (lbs.)	WITHDRAWAL (W) (lbs.)	HEAD PULL-THROUGH (W_H) (lbs.)
#6	46	57	73	63	144	114	29	34	36	40	41	45	41	45
#8	68	77	75	80	179	139	29	39	37	53	41	53	64	56

- ¹ Tabulated withdrawal and head pull-through design values (W) and (W_H) are shown at a $C_D = 1.0$. Tabulated withdrawal and head pull-through values shall be adjusted by all applicable adjustment factors per *NDS* Table 11.3.1.
- ² Full withdrawal strength is calculated by multiplying the length of thread embedded in the main member by the tabulated reference withdrawal values.
- ³ Head pull-through values for #6 diameter in Southern Pine, Douglas-Fir, Hem-Fir and Spruce-Pine-Fir are minimum 1" side member thickness.
- ⁴ Head pull-through values for #8 diameter and larger in Southern Pine, Douglas-Fir, Hem-Fir and Spruce-Pine-Fir are minimum 1.5" side member thickness.
- ⁵ For wood species with an assigned specific gravity between 0.42 and 0.50, use the tabulated values for specific gravity of 0.42. For wood species with an assigned specific gravity between 0.50 and 0.55, use the tabulated values for specific gravity of 0.50. For wood species with an assigned specific gravity greater than or equal to 0.55, use the tabulated values for specific gravity of 0.55.

INTERIOR