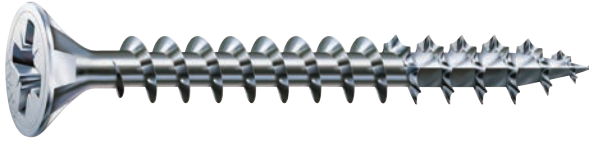


# Unidrive Combination (PH & SQ) Flat Head Zinc

## Multi-Purpose Engineered Fasteners



### DESCRIPTION

SPAX® UNIDRIVE (combination drive — Phillips and Square) Flat Head fasteners with zinc coating are designed for use in multiple material connections often found inside residential buildings. These fasteners are often used by home owners to replace older screw types and the standard full thread design works best when the side member being attached to the main member is pre-drilled. The flat head design provides a countersinking feature for a clean-flush finish.

### 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).

INTERIOR



#### Patented MULTHead

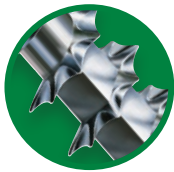
Countersinks screw head flush with material.

U.S. Patent No. 7,334,976



#### Unique 4CUT™ Point

Prevents splitting and requires no pre-drilling in wood.



#### Patented Serrations

Allow for quicker, easier fastening.

U.S. Patent No. 7,101,133



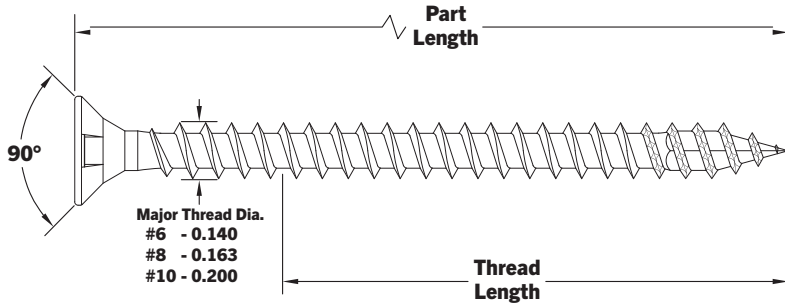
### TYPICAL INTERIOR APPLICATIONS

- Replacing loose or stripped screws
- Hanging signs, clocks, and pictures
- Recreational wood crafts
- Cabinet frames
- Subflooring attachments
- Hinge installation
- Indoor furniture
- Installing plumbing supports

# Unidrive Combination (PH & SQ) Flat Head Zinc



## Multi-Purpose Engineered Fasteners



INTERIOR

### PRODUCT SELECTION

Part Length	Thread Length	Head Size	Phillips #	Square #	Approx. Qty.	Pkg. Type	Master Qty.	Part No.
#6 x 1/2"	Full	0.270	2	1	50	Retail Pax**	10	4101010350132
#6 x 5/8"	Full	0.270	2	1	50	Retail Pax**	10	4101010350162
#6 x 3/4"	Full	0.270	2	1	45	Retail Pax**	10	4101010350202
#6 x 1"	Full	0.270	2	1	40	Retail Pax**	10	4101010350252
#6 x 1-1/4"	Full	0.270	2	1	35	Retail Pax**	10	4101010350322
#6 x 1-1/2"	Full	0.270	2	1	30	Retail Pax**	10	4101010350402
#6 x 1-3/4"	Full	0.270	2	1	25	Retail Pax**	10	4101010350452
#8 x 5/8"	Full	0.320	2	2	40	Retail Pax**	10	4101010400162
					405	1 lb. Box	5	4101010400164
					35	Retail Pax**	10	4101010400202
#8 x 3/4"	Full	0.320	2	2	100	Large Retail Pax**	10	41010104002042
					350	1 lb. Box	5	4101010400204
					30	Retail Pax**	10	4101010400252
#8 x 1"	Full	0.320	2	2	75	Large Retail Pax**	10	41010104002542
					30	Retail Pax**	10	4101010400322
#8 x 1-1/4"	Full	0.320	2	2	240	1 lb. Box	5	4101010400324
					25	Retail Pax**	10	4101010400402
#8 x 1-1/2"	Full	0.320	2	2	197	1 lb. Box	5	4101010400404
					20	Retail Pax**	10	4101010400452
#8 x 1-3/4"	Full	0.320	2	2	20	Retail Pax**	10	4101010400502
					161	1 lb. Box	5	4101010400504
#8 x 2"	Full	0.320	2	2	20	Retail Pax**	10	4101010400602
					133	1 lb. Box	5	4101010400604
#10 x 3/4"	Full	0.390	2	2	25	Retail Pax**	10	4101010500202
#10 x 1"	Full	0.390	2	2	20	Retail Pax**	10	4101010500252
#10 x 1-1/4"	Full	0.390	2	2	20	Retail Pax**	10	4101010500322
#10 x 1-1/2"	Full	0.390	2	2	15	Retail Pax**	10	4101010500402
					130	1 lb. Box	5	4101010500404
#10 x 2"	Full	0.390	2	2	12	Retail Pax**	10	4101010500502
					105	1 lb. Box	5	4101010500504

NOTE: Only sold in master cartons.  
\* Bit not included.



# Unidrive Combination (PH & SQ) Flat Head Zinc



ENGINEERED FASTENERS

## Multi-Purpose Engineered Fasteners

### PRODUCT SELECTION

Part Length	Thread Length	Head Size	Phillips #	Square #	Approx. Qty.	Pkg. Type	Master Qty.	Part No.
#10 x 2-1/2"	2.275	0.390	2	2	12	Retail Pax**	10	4101010500602
					88	1 lb. Box	5	4101010500604
#10 x 3"	2.375	0.390	2	2	16	Retail Pax**	10	4101010500752
					72	1 lb. Box	5	4101010500754
#10 x 3-1/2"	2.375	0.390	2	2	57	1 lb. Box	5	4101010500904

NOTE: Only sold in master cartons.  
\* Bit not included.



Retail Pax®



Large Retail Pax®



1 lb. Box



#2 Phillips / #2 Square Bit

### BIT SELECTION

Drive Bit	Bit Size	Master Qty.	Part No.
#2 Phillips / #2 Square	1"	10	5000009190009

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



### FASTENER LENGTHS

Part Length	Head	Fastener	Part Length	Head	Fastener
#6 x 5/8"			#8 x 5/8"		
#6 x 3/4"			#8 x 3/4"		
#6 x 1"			#8 x 1"		
#6 x 1-1/4"			#8 x 1-1/4"		
#6 x 1-1/2"			#8 x 1-1/2"		
#6 x 1-3/4"			#8 x 1-3/4"		
#8 x 2"			#10 x 1-1/2"		

# Unidrive Combination (PH & SQ) Flat Head Zinc



## Multi-Purpose Engineered Fasteners

### FASTENER LENGTHS

Part Length	Head	Fastener	Part Length	Head	Fastener
#8 x 2-1/2"			#10 x 2"		
#10 x 3/4"			#10 x 2-1/2"		
#10 x 1"			#10 x 3"		
#10 x 1-1/4"			#10 x 3-1/2"		

INTERIOR

### MASONRY & CONCRETE PRE-DRILL SPECIFICATIONS

NOTE: In masonry/concrete, pre-drill a hole at least 1/4" to 1/2" longer than the length of the screw (refer to chart). No anchor required. In sheet metal, no pre-drilling is required up to 24 gauge.

Screw Diameter	Drill Bit	Weight
#6	Not Recommended	Not Recommended
#8	1/8"	Light
#10	5/32"	Medium

### PERFORMANCE SPECIFICATIONS



TER No. 2010-02  
Multi-Purpose Fastener Properties

DIAMETER	ALLOWABLE WITHDRAWAL (W) AND HEAD PULL-THROUGH (W <sub>H</sub> ) <sup>1,2,3,4,5</sup>					
	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 <sub>H</sub> ) (lbs.)	WITHDRAWAL (W) (lbs./inch)	HEAD PULL-THROUGH (W <sub>H</sub> ) (lbs.)	WITHDRAWAL (W) (lbs./inch)	HEAD PULL-THROUGH (W <sub>H</sub> ) (lbs.)
#6	140	104	133	104	105	82
#8	175	157	133	157	127	123
#10	190	315	176	238	144	177

DIAMETER	ALLOWABLE WITHDRAWAL (W) AND HEAD PULL-THROUGH (W <sub>H</sub> ) <sup>1,2</sup>													
	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 <sub>H</sub> ) (lbs.)	WITHDRAWAL (W) (lbs.)	HEAD PULL-THROUGH (W <sub>H</sub> ) (lbs.)	WITHDRAWAL (W) (lbs.)	HEAD PULL-THROUGH (W <sub>H</sub> ) (lbs.)	WITHDRAWAL (W) (lbs.)	HEAD PULL-THROUGH (W <sub>H</sub> ) (lbs.)	WITHDRAWAL (W) (lbs.)	HEAD PULL-THROUGH (W <sub>H</sub> ) (lbs.)	WITHDRAWAL (W) (lbs.)	HEAD PULL-THROUGH (W <sub>H</sub> ) (lbs.)	WITHDRAWAL (W) (lbs.)	HEAD PULL-THROUGH (W <sub>H</sub> ) (lbs.)
#6	51	N/A	83	N/A	134	N/A	26	N/A	29	N/A	36	N/A	52	N/A
#8	51	120	83	120	162	212	26	65	36	68	48	78	52	110
#10	90	151	92	177	186	293	39	73	54	78	54	78	66	110

<sup>1</sup> Tabulated withdrawal and head pull-through design values (W) and (W<sub>H</sub>) are shown at a C<sub>0</sub> = 1.0. Tabulated withdrawal and head pull-through values shall be adjusted by all applicable adjustment factors per NDS Table 11.3.1.  
<sup>2</sup> Full withdrawal strength is calculated by multiplying the length of thread embedded in the main member by the tabulated reference withdrawal values.  
<sup>3</sup> Head pull-through values for #6 diameter in Southern Pine, Douglas-Fir, Hem-Fir and Spruce-Pine-Fir are minimum 1" side member thickness.  
<sup>4</sup> 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.  
<sup>5</sup> 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.