

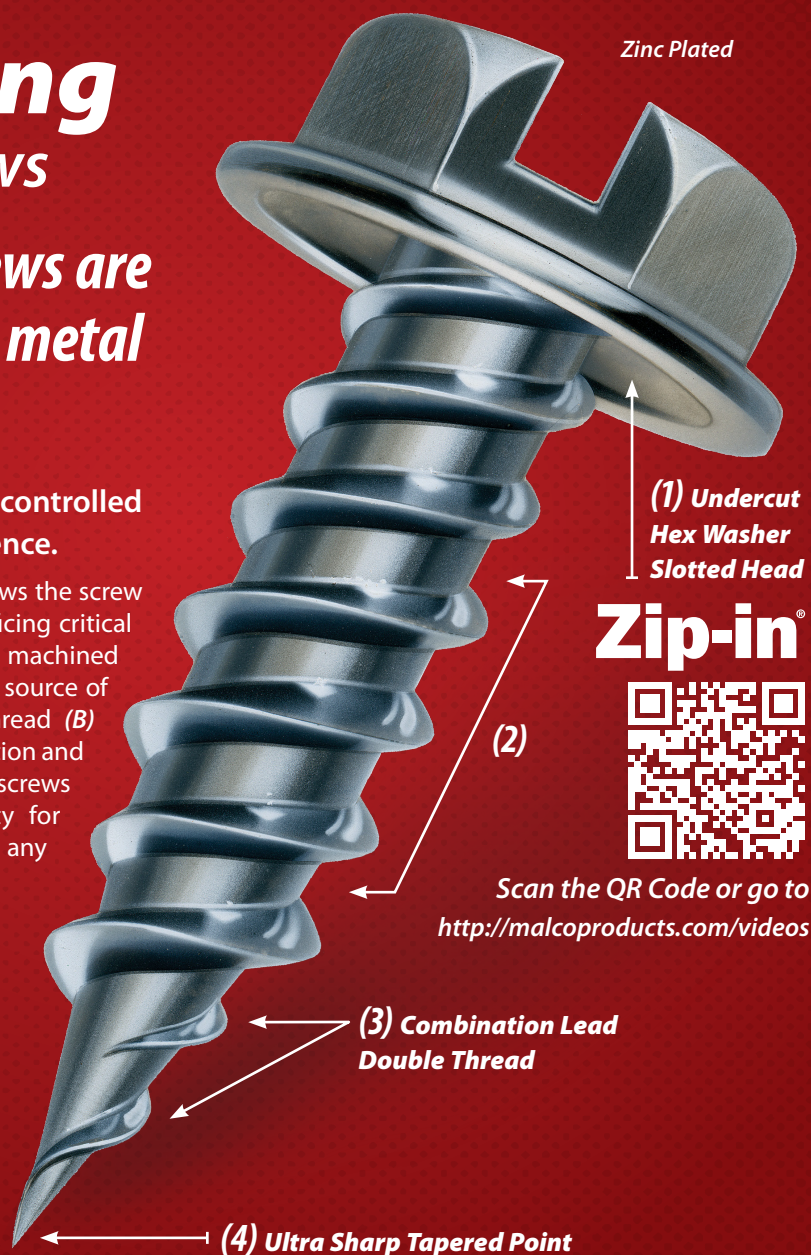
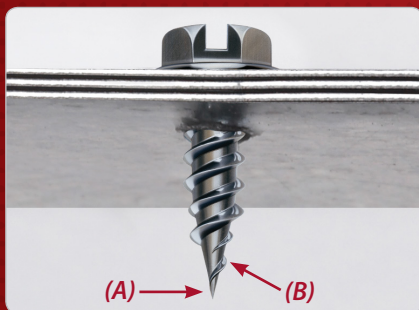
12 **The Standard by which all others are judged.**

# Self-Piercing Sheet Metal Screws

**Rated #1, Zip-in® screws are the best selling sheet metal screws worldwide.**

A unique thread design and quality controlled manufacture spell the Zip-in® difference.

Zip-in's® sophisticated heat treat process allows the screw to taper to a fine, sharp point without sacrificing critical point strength. A single starting thread (A) is machined down to the very tip of the point and is the source of Zip-in's® penetrating power. The second thread (B) above the point engages after initial penetration and moves the screw through very fast. Zip-in® screws are faster driving, with a greater capacity for fastening heavier gauges of sheet metal than any other self-drilling type.



## 1. Undercut-Indented Hex Washer Slotted Head

- Undercut - Always seats flush

## 2. Burr Free hex washer slotted head

- One 1/4 in. hex driver accommodates all sizes of Zip-in Screws
- Full 1/4 in. (No. 8) head will not strip out of hex driver opening at any-time during operation.

## 3. Combination Lead Double Thread

- Starting thread machined down to very tip of screw point
- Instantly penetrates and engages in heavy gauge sheet metal and layered light gauge

## 4. Sharp Tapered Point

- Quality controlled heat treat
- Sharp tapered point will not mushroom, break or walk
- Complete operator control with precise hole alignment.

U.S. Patent No.  
D524,638



**Look for the Dots!® Trademarked & Patented Head Markings indicate one and only genuine Zip-ins®.**

# Zip-in®

## Self-Piercing Sheet Metal Screws

### Specifications

Catalog Number	Description	Head Color	Head Size	Type
<b>Zip-in® Screws</b>				
HW6x3/8Z	Zip-in® Screw	○ Zinc Plated	1/4 in.	Slotted Hex
HW7x1/2Z*	Zip-in® Screw	○ Zinc Plated	1/4 in.	Slotted Hex
HW8x1/2Z*	Zip-in® Screw	○ Zinc Plated	1/4 in.	Slotted Hex
HW8x3/4Z*	Zip-in® Screw	○ Zinc Plated	1/4 in.	Slotted Hex
HW8x1Z*	Zip-in® Screw	○ Zinc Plated	1/4 in.	Slotted Hex
HW8x1-1/2Z*	Zip-in® Screw	○ Zinc Plated	1/4 in.	Slotted Hex
HW8x2Z*	Zip-in® Screw	○ Zinc Plated	1/4 in.	Slotted Hex
HW10x1/2Z	Zip-in® Screw	○ Zinc Plated	1/4 in.	Slotted Hex
HW10x3/4Z	Zip-in® Screw	○ Zinc Plated	1/4 in.	Slotted Hex
HW10x1Z	Zip-in® Screw	○ Zinc Plated	1/4 in.	Slotted Hex

\* Denotes popular screw sizes available in pails.

### Square Pan Head Robertson® Style Zip-in® Screws

PS8x1/2Z	Pan Square Head	○ Zinc Plated	#2	Pan Square
PS10x1/2Z	Pan Square Head	○ Zinc Plated	#2	Pan Square
PS10x3/4Z	Pan Square Head	○ Zinc Plated	#2	Pan Square

### White Painted Zip-in® Register Screws

HW8x1-1/2ZW	Zip-in® Screw	○ White (W)	1/4 in.	Slotted Hex
HW8x2ZW	Zip-in® Screw	○ White (W)	1/4 in.	Slotted Hex
HW8x3ZW	Zip-in® Screw	○ White (W)	1/4 in.	Slotted Hex
PO8x2ZW	Zip-in® Screw	○ White (W)	#2	Phillips

### Painted Sheet Metal Screws

HW6x3/8ZCL	Sheet Metal Screw	● Clay (C)	1/4 in.	Slotted Hex
HW6x3/8ZMB	Sheet Metal Screw	● Musket Bronze (MB)	1/4 in.	Slotted Hex
HW6x3/8ZRB	Sheet Metal Screw	● Royal Brown (RB)	1/4 in.	Slotted Hex
HW6x3/8ZW	Sheet Metal Screw	○ White (W)	1/4 in.	Slotted Hex
HW7x1/2ZA	Sheet Metal Screw	● Almond (A)	1/4 in.	Slotted Hex
HW7x1/2ZCC	Sheet Metal Screw	● Classic Cream (CC)	1/4 in.	Slotted Hex
HW7x1/2ZCL	Sheet Metal Screw	● Clay (C)	1/4 in.	Slotted Hex
HW7x1/2ZRB	Sheet Metal Screw	● Royal Brown (RB)	1/4 in.	Slotted Hex
HW7x1/2ZW	Sheet Metal Screw	○ White (W)	1/4 in.	Slotted Hex
HW8x3/4ZRB	Sheet Metal Screw	● Royal Brown (RB)	1/4 in.	Slotted Hex
HW8x3/4ZW	Sheet Metal Screw	○ White (W)	1/4 in.	Slotted Hex
HW8x1ZRB	Sheet Metal Screw	● Royal Brown (RB)	1/4 in.	Slotted Hex
HW8x1ZW	Sheet Metal Screw	○ White (W)	1/4 in.	Slotted Hex

### Drill-In Screws Type A, Single Thread

HW10x1-1/2	Drill-In Screw	○ Zinc Plated	5/16 in.	Slotted Hex
HW10x2	Drill-In Screw	○ Zinc Plated	5/16 in.	Slotted Hex
HW12x2	Drill-In Screw	○ Zinc Plated	5/16 in.	Slotted Hex

Catalog Number	Anchor Size	Screw Size(s)	For Screw Size	Uses Bit Diameter	Anchor Kit Quantity
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### Red Lip Plastic Anchors

PA810	3/16 x 7/8 in.	—	8-9-10	3/16 in.	—
PA1012	1/4 x 1 in.	—	10-12	1/4 in.	—
PA1416	5/16 x 1-3/8 in.	—	14-16	5/16 in.	—

### Red Lip Plastic Anchor Kits with Slotted Panhead Screws

PA810K	3/16 x 7/8 in.	SP8x1	—	3/16 in.	100
PA1012K	1/4 x 1 in.	SP10x1-1/4	—	1/4 in.	100
PA1416K	5/16 x 1-3/8 in.	SP14x1-1/2	—	5/16 in.	50

### Red Lip Plastic Anchor Kits with Hex Washer Head Screws

PA810KW	3/16 x 7/8 in.	HW8x1Z	—	3/16 in.	100
PA1012KW	1/4 x 1 in.	HW10x1Z	—	1/4 in.	100



## The Perfect System for Zip-ins

Magnetic, Cleanable, Reversible 1/4  
and 5/16 inch Hex Chuck Driver!  
See Page 56

## Robertson® Style Square



Robertson®  
Style Square  
Pan Head  
Zip-in® Screws



2 in. Length Phillips Oval Head



3 in. Length 1/4 in. Hex Head

## Painted Sheet Metal / Drill-In Screws



Drill-In  
Screws Type  
A, Single  
Thread



Painted  
Sheet Metal  
Screws  
Packaged  
in Bags  
and Tubs.

## Plastic Anchor Kits / Anchors

### PA1012K

All Red-Lip Anchor  
Kits contain equal  
quantities of anchors  
and screws with one  
matching carbide  
tipped drill bit.



Use Red-Lip Anchors with wood,  
sheet metal or lag screws.  
Flexible anchor is ideal for  
masonry or stone. Lip on collar  
prevents anchor from pushing  
through hole in hollow walls.

Consult Malco Price Book for specific package  
quantities available for each screw size.

Count on Malco for full, accurate piece  
counts in every Zip-in® package you buy.

Note: Package sizes available in Bults,  
Pails, Tubs, Boxes and Bags.

### Packaging Key:

Bulk  
Pail = P  
Tub = T  
Box = X  
Bag = G





# Drill & Tap Screws

## *The One Operation Fastener with a True Drilling Action Point*

**Bit-Tip Drill and Tap Screws produce the optimum hole size for a quick tight fit**

By drilling its own hole, Bit-Tip® produces the optimum hole size, resulting in better thread engagement and a tighter fit. One operation fastening also means no alignment problems.

Bit-Tip® has a wide range of industry applications. Select the Bit-Tip® that's right for the job. Point length will determine metal thickness that can be drilled, tapped and fastened.

Also, plywood, soft wood, composition board, drywall, insulation and laminates may be fastened to metal framing or components.

Made from strong, high quality, specially heat treated steel. Bit-Tip® Self Drilling and Tapping Screws are precision cold forged insuring uniformity of dimension and drill point contours.

The versatile Bit-Tip® Screw is an excellent replacement for fastening operations now using rivets, nuts and bolts, spot welds or adhesives. Bit-Tip® also eliminates the need for costly auxiliary fastening equipment such as drill bits, taps and welding equipment.

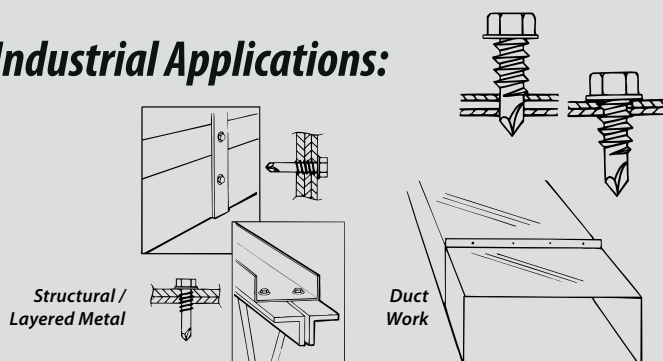
Requires only a standard screw gun power tool rated at 2500 RPM equipped with drilling depth locator.



## *Now even faster!*

*Drill & Tap Screws drill their own holes, taps a matching thread in steel .220 thick in less time than it takes to drill a pilot hole for other standard fasteners.*

### **Industrial Applications:**



### **Choose from Hex or Slotted**



Top View



Top View



Hex Washers



Hex Slotted Washers

U.S. Patent No.  
D524,638



**Look for the Dots!®** Trademarked & Patented Head Markings indicate one and only genuine Bit-Tips®.

# Bit-Tip®

## Drill & Tap Screws

### Packaging Key:

Bulk

Pail = P

Tub = T

Box = X



### The Perfect System for Bit-Tips

Magnetic, Cleanable, Reversible 1/4  
and 5/16 inch Hex Chuck Driver!  
See Page 56

Consult Malco Price Book for specific package quantities  
available for each screw size. Count on Malco for full,  
accurate piece counts in every Bit-Tip® package you buy.

Note: Package sizes available in Bulks, Pails, Tubs and Boxes.

\* BT143 available in pails.

Malco

Bit-Tip Screws

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### Material thickness recommendation for Bit-Tips

					.050	.100	.150	.200
Bit-Tip Screw #2 Point	BT131	Hex Washer	8-18x1/2	1/4	.035	.100		
	BT132	Hex Washer	8-18x5/8	1/4				
	BT133	Hex Washer	8-18x3/4	1/4				
	BT134	Hex Washer	8-18x1	1/4				
	BT231	Slotted Hex	8-18x1/2	1/4				
	BT233	Slotted Hex	8-18x3/4	1/4				
	BT141	Hex Washer	10-16x1/2	5/16	.035	.110		
Bit-Tip Screw #3 Point	BT142	Hex Washer	10-16x5/8	5/16			.110	.175
	BT143*	Hex Washer	10-16x3/4	5/16				
	BT144	Hex Washer	10-16x1	5/16				
	BT153	Hex Washer	10-24x3/4	5/16			.110	.175
	BT156	Hex Washer	10-24x1-1/2	5/16				
Bit-Tip Screw #3 Point	BT163	Hex Washer	12-14x3/4	5/16			.110	.210
	BT164	Hex Washer	12-14x1	5/16				

Test results furnished are given purely as a guide and do not  
constitute a warranty of any type. Results may vary by  
modification to the fastener or in certain applications.

## Bit-Tip® Screw Strength

			Pull-out values (lbs), in common steel gauges										Tensil Strength lbs.	Torsional Strength in.- lbs.	
			26	24	22	20	18	16	14	13	1/8	10			3/16
8	18	#2	150	187	289	334	507	643	977					1575	42
	16	#2	145	235	295	364	572	708	1,015	1,972				2100	61
10	24	#3								1,528	2,120	2,199		2350	65
	12	14	#3							1,541	1,990	2,650	3,515	2800	92