

HIGH HEAD SELF DRILLING FASTENERS FOR SHEET METAL

Design Characteristics

- High head fasteners prevent slippage from the chuck.
- Slotted Hexagonal Head with flat washer.
- Non walking precise point provides fast material engagement.
- Serrations at the bottom of the head lock in the screw.
- Thread design provides maximum pullout strength and prevents strip out.

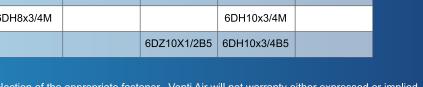
Material Specifications

- Carbon Steel Grade C1022
- Zinc plated screws conform to SAE J78. The minimum zinc thickness is 3 micron.
- Salt Spray Test as per ASTM F1941 and B633 24 hours no red rust.
- Case hardened and tempered.
- Surface 53 57 HRC
- Core 32-40 HRC
- Selective Hardening produces a point and threads which are hard enough to drill through steel. However, the load-bearing area remains soft enough to be ductile.
- Minimum torsional strength
- #8 42 lb inch
- #10 61 lb inch

PACKING	#8x1/2"	#8x3/4"	#8x1"	* #10x1/2"	#10x3/4"	#10x1"
50 Pack			6DH8x1R5			6DH10x1R5
100 Pack	6DH8x1/2R10	6DH8x3/4R10		6DZ10X1/2R10	6DH10x3/4R10	
250 Pack			6DH8x1R25			6DH10x1R25
500 Pack	6DH8x1/2R50	6DH8x3/4R50		6DZ10X1/2R50	6DH10x3/4R50	
1,000 Pack	6DH8x1/2M	6DH8x3/4M			6DH10x3/4M	
Bulk in a Pack 5,000 pcs packed in resealable plastic bucket				6DZ10X1/2B5	6DH10x3/4B5	

* #10x1/2 available with regular head only

* The following information is provided to assist the engineer in selection of the appropriate fastener. Venti Air will not warranty either expressed or implied, for the use of this information 10215 South Sam Houston Parkway West, Ste. 200 | Houston, TX 77071 | www.VentiAirProducts.com



Recommended Drill Speed 1,800 - 2,500 rpm



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SELF TAPPING ZIP FASTNERS FOR SHEET METAL

Design Characteristics

- Dual thread design provides penetrating power and fast engagement.
- Slotted hexagonal head with flat washer.
- Sharp tapered point will not spread, break or walk.
- Serrations at the bottom of the head lock in the screw.

Material Specifications

- Carbon Steel Grade C1022
- Zinc plated screws made as per SAE J78 specifications.
- Salt Spray Test as per ASTM F1941 and B633 24 hours no red rust.
- Surface Minimum 54 HRC
- Core 30-45 HRC
- Selective Hardening produces a point and threads which are hard enough to drill through steel. However, the load-bearing area remains soft enough to be ductile.
- Minimum torsional strength
 - #7 27 lbs/inch
 - #8 42 lbs/inch
 - #10 61 lbs/inch

PACKING	7x1/2	8x1/2	8x3/4	8x1	8x1 1/2	8x1 1/2 White	8x2	8x2 White	10x2	10x3/4
50 Pack				6THZ8x1R50	6THZ8x1 1/2R5	6THW8x1 1/2R5	6THZ8x2R5	6THW8x2R5		
100 Pack	6THZ7x1/2R10	6THZ8x1/2R10	6THZ8x3/4R10						6THZ10x1/2R10	6THZ10x3/4R10
250 Pack					6THZ8x1 1/2R25	6THW8x1 1/2R25	6THZ8x2R25	6THW8x2R25		
500 Pack	6THZ7x1/2R50	6THZ8x1/2R50	6THZ8x3/4R50	6THZ8x1R50			6THZ8x2R50	6THW8x2R50	6THZ10x1/2R50	6THZ10x3/4R50
1,000 Pack	6THZ7x1/2M	6THZ8x1/2M	6THZ8x3/4M						6THZ10x1/2M	6THZ10x3/4M
3,000 Pack							6THZ8x2B3	6THW8x2B3		
5,000 Pack				6THZ8x1B5	6THZ8x11/2B5				6THZ10x1/2B5	6THZ10x3/4B5
10,000 Pack			6THZ8x3/4B10							
15,000 Pack	6THZ7x1/2B15	6THZ8x1/2B15								

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