

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.



Recommended Drill Speed
1,800 - 2,500 rpm

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 <small>5,000 pcs packed in resealable plastic bucket</small>				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

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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.



Recommended Drill Speed
1,800 - 2,500 rpm

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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