



640 SNYDER AVE.
 WEST CHESTER, PA 19382
 PHONE 800-232-5060

TECHNICAL DATA SHEET

#12 – 14 HWH SELF DRILLING BI-METAL TYPE 3 XL COATED



SPECIFICATIONS

Minor thread diameter	0.157 – 0.164"
Major thread diameter	0.209 - 0.215"
Head diameter across flats	0.305 - 0.312" (5/16")
Material	SAE 1035 CARBON STEEL DRILL POINT AND STARTER THREADS, 304 STAINLESS STEEL BODY AND HEAD
Finish	CR6+ CLEAR CHROMATE ZINC (.0002 MIN.)
Coating	SILVER GRAY RUSPERT 1000 HOUR SALT SPRAY
Headmark	FSI3

CAPACITIES

Drilling application	.050 - .234"
Strength (Lbs. / Ultimate):	
Tensile	2,917 lbs.
Torque	87 inch / lbs.
Shear	1,871 lbs.

PULLOUT (Ultimate)

6 ga. (.1943")	2,791 lbs.
8 ga. (.1644")	2,661 lbs.
1/8" (.1250")	2,602 lbs.
11 ga. (.1196")	1,830 lbs.
14 ga. (0.0747")	904 lbs.

INSTALLATION:

Install with 2000 rpm screw gun with 5/16" nut setter. Impact drivers are not recommended.

CONFORMANCE:

Fasteners conform to the SAE J78 and all applicable IFI Standards.

DISTRIBUTED BY:

Fastener Systems Inc. 640 Snyder Ave. West Chester, PA 19382

Disclaimer: All test results are based on testing done in a laboratory. Specific job conditions should be taken into consideration when specifying the proper fastener. Because applications vary, FSI assumes no liability for the use of this information.