



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

## TECHNICAL DATA SHEET

### ¼ - 14 HWH SELF-DRILLING BI-METAL SCREW TYPE 3 XL COATED



#### SPECIFICATIONS

Minor thread diameter	0.185 - 0.192"
Major thread diameter	0.240 - 0.246"
Head diameter across flats	0.367 - 0.375"
Material	SAE 1035 CARBON STEEL DRILL POINT AND STARTER THREADS, 304 STAINLESS STEEL BODY AND HEAD
Finish	CR6+ CLEAR CHROMATE
Coating	SILVER GRAY RUSPERT 1000 HOUR SALT SPRAY
Headmark	FSI3

#### CAPACITIES

Drilling application	.050 - .234"
<b>Strength (Lbs. / Ultimate):</b>	
Tensile	3,566 lbs.
Torque	131 inch / lbs.
Shear	2,605 lbs.

#### PULLOUT (Ultimate)

3 ga. (.2391)	3,325 lbs.
3/16" (.1875)	3,285 lbs.
8 ga. (.1644)	2,726 lbs.
1/8" (.1250)	2,119 lbs.
11 ga. (.1196)	2,119 lbs.
14 ga. (.0747)	948 lbs.
16 ga. (.0625)	883 lbs.

#### INSTALLATION:

Install with 1800 rpm screw gun with 3/8" 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.