



640 SNY DER AVE .
 WE ST CHE STER ,P A 19382
 PHONE 800-232-5060

TECHNICAL DATA SHEET

#12 – 14 HWH CARBON STEEL 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 1022 steel
Finish	CR6+ YELLOW DI-CHROMATE
Coating	SILVER GRAY RUSPERT 1000 HOUR SALT SPRAY
Headmark	FSI

CAPACITIES

Drilling application	0.050 – 0.210
Strength (Lbs. / Ultimate):	
Tensile	5,294 lbs.
Torque	110 inch / lbs.
Shear	3,550 lbs.

PULLOUT (Ultimate)

1/4"	5,217 lbs.
3/16"	3,688 lbs.
1/8"	2,195 lbs.
12 ga.	1,635 lbs.
14 ga.	1,163 lbs.
16 ga.	977 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.