



1210 AMERICAN BLVD
WEST CHESTER, PA 19380
PHONE 800-232-5060

TECHNICAL DATA SHEET

#12-14 PHILLIPS FLAT UNDERCUT BI-METAL TYPE 2 XL COATED



SPECIFICATIONS

| | |
|----------------------------|--|
| Minor thread diameter | 0.157 - 0.164" |
| Major thread diameter | 0.209 - 0.215" |
| Head diameter across flats | 0.388 - 0.437" |
| 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 500 HOUR SALT SPRAY |
| Headmark | FSI3 |

CAPACITIES

| | |
|------------------------------------|--------------|
| Drilling application | .036 - .125" |
| Strength (Lbs. / Ultimate): | |
| Tensile | 2,820 lbs. |
| Torque | 104 in. lbs. |
| Shear | 2,146 lbs. |

PULLOUT (Ultimate) STEEL/ALUMINUM

| | |
|---------------|-----------------------|
| 3/16" | N/A /2,387 lbs. |
| 1/8" | 1,516 lbs./1,113 lbs. |
| 12 ga. | 1,364 lbs. |
| 14 ga. | 1,001 lbs. |
| 16 ga. | 756 lbs. |
| 18 ga. | 568 lbs. |
| 20 ga. | 305 lbs. |

INSTALLATION:

Install with 2000 rpm screw gun with #2 Phillips Drive. Impact drivers are not recommended.

CONFORMANCE:

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

DISTRIBUTED BY:

Fastener Systems Inc. 1210 American Blvd. West Chester, PA 19380

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.