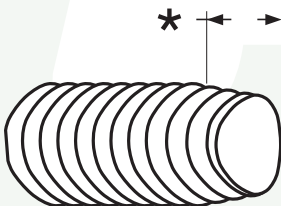
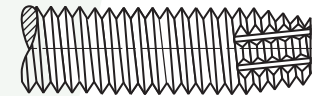


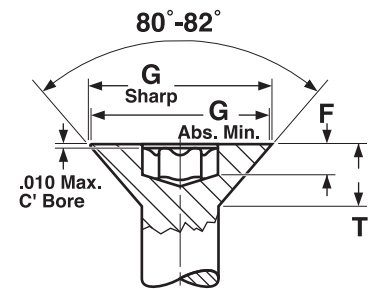
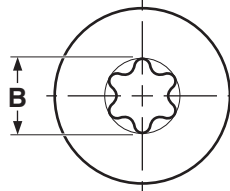
SELF- TAPPING SCREWS

Type F FLOORBOARD

THREAD CUTTING



*2-3 Pitch Lead Length



SIX-LOBE RECESS FLAT HEADS (FLOORBOARD)

ASME
B18.6.3-2013*

| Nominal Size or Basic Screw Diameter | G | | T | B | F | | Drive Size | |
|---|---------------|------|-------------|--------------------|-------------------|------|------------|-----|
| | Head Diameter | | Head Height | Recess Diameter | Gauge Penetration | | | |
| | Max | Min | Ref | Ref | Max | Min | | |
| .6 (U-Cut) | .138 | .279 | .244 | .059 | .111 | .028 | .024 | T10 |
| 8 | .164 | .312 | .285 | .100 | .132 | .051 | .040 | T15 |
| 10 | .190 | .362 | .333 | .116 | .155 | .065 | .050 | T20 |
| 12 | .216 | .412 | .380 | .132 | .178 | .070 | .055 | T25 |
| 1/4 | .250 | .477 | .442 | .153 | .200 | .070 | .055 | T30 |
| 5/16 | .312 | .597 | .556 | .191 | .266 | .105 | .087 | T40 |
| 3/8 | .375 | .717 | .670 | .230 | .266 | .135 | .115 | T40 |
| 1/2** | .500 | .815 | .765 | .223 | .352 | .135 | .120 | T50 |

*#6 Undercut dimensions are not addressed within the ASME B18.6.3 standard.

** 1/2" diameter floorboard screws have a trilobular point, not a Type-F.

| | |
|--|---|
| Description | A countersunk, six-lobe drive thread cutting screw with machine screw thread pitch, blunt point, tapered entering threads, and multiple cutting edges. Larger diameter sizes may also be supplied as a thread rolling screw rather than thread cutting. Floorboard screws are, by definition, available in much longer sizes than standard type-F screws. |
| Applications/ Advantages | Floorboard screws are specifically designed for installing wood floors into truck trailers. |
| Material | AISI 1016 - 1024 or equivalent steel |
| Heat Treatment | Screws shall be quenched in liquid and then tempered by reheating to 650°F minimum. |
| Surface Hardness | Rockwell C45 minimum |
| Case Depth | <i>No. 8 thru 12 diameter:</i> .004 - .009 <i>1/4" diameter & larger:</i> .005 - .011 |
| Core Hardness (after tempering) | Rockwell C28 - 38 |
| Thread Dimensions | <i>#8 thru 3/8" diameters:</i> Same as those for Type-F thread cutting screws. <i>1/2" diameter:</i> Same as those for a thread rolling screw. |
| Plating | See Appendix-A for information on the plating of floorboard screws. |