

# self-tapping selection guide

**Type A**

The Type A point features a tapered design with spaced threads. These fasteners can self pierce metal panels with thickness less than 0.030" and self-tap larger thicknesses.

**Type B**

Typically used for thicker metal applications, Type B points have a larger minor diameter and finer thread pitch to improve strength and allow tapping.

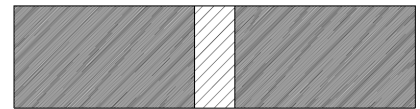
**Type AB**

Combining the tapered point design of type A and the thread design of type B, the Type AB point is an ideal hybrid fastening solution.

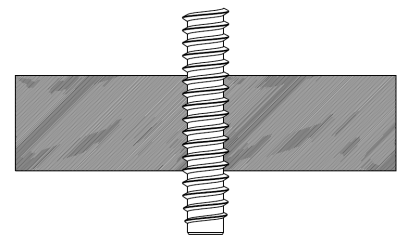
**Pre-Drill Requirements**

One major caveat in the use of self-tapping fasteners is their inability to self-drill holes in metal panels. This means that a predrilled hole is required prior to installation of the fastener. After using an appropriate drill bit (found on SFS data sheets), the fasteners are installed and will self tap threads in the application.

Pre-Drill



Self-Tap





## Self-Tapping Capacity

| Drill Point                     |     | Type A | Type AB |       | Type B |
|---------------------------------|-----|--------|---------|-------|--------|
| Typical Drill Capacity (Inches) | 0.5 |        |         |       |        |
|                                 | 0.4 |        |         |       |        |
|                                 | 0.3 |        |         |       |        |
|                                 | 0.2 |        |         |       |        |
|                                 | 0.1 | 0.075  | 0.110   | 0.060 |        |
| Fastener Diameter               | #14 | #14    | #17     | #14   |        |

SP refers to Self-Piercing Capacity

Self-Tapping fasteners can only tap into approved application thicknesses. The above chart provides a general guide for applicable metal panel thicknesses. Please refer to SFS data sheets for the most up to date information.