

5T Captive Screws

Head sink series

Features

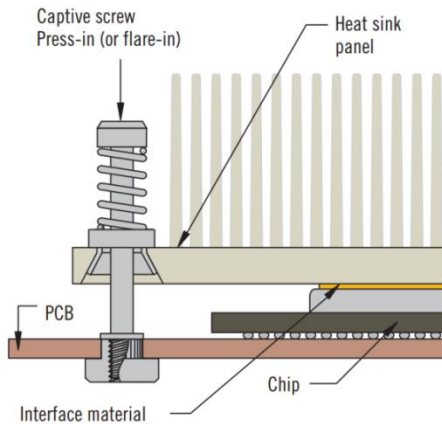
- Maximize heat transfer from components to heatsink
- Positive fastening under shock and vibration
- Fastener allows for thermal expansion of components under a set preload

Notes

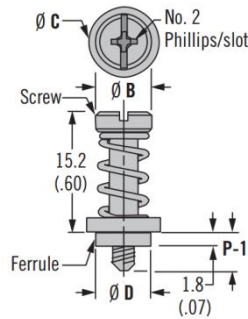
- Load applied by each screw: $[3.4 * K] + 7.57 \text{ N}$
- Standard K value shown in the table. Load at given deflection *shown in the fastened position above

Installation Notes

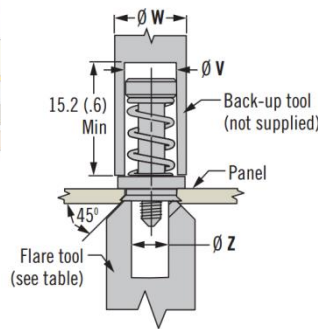
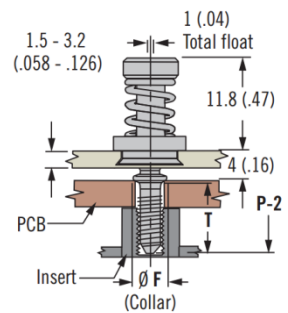
1. Drill then countersink according to the required dimensions
2. Insert screw assembly into prepared hole in panel. Place back-up tool as shown.
3. Place work under press, center tool over screw thread and flare ferrule into countersink in panel
4. Recommended load: 2200 N



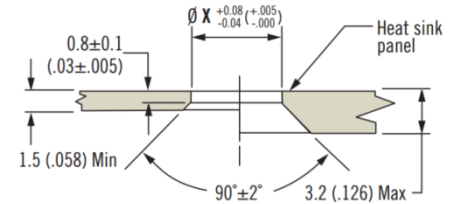
Unfastened



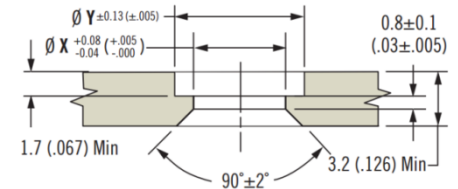
Fastened



Standard



Alternate



Thread Size	Ø V	Ø X	Ø Y	Ø W Min.	Ø Z	Tool Part Number
M3 or 4-40	7.1 (.28)	6.8 (.27)	9.5 (.37)	9.5 (.37)	5.1 (.2)	47-115
M3.5 or 6-32	7.9 (.31)	7.1 (.28)	10.7 (.46)	10.7 (.42)	5.6 (.22)	5T-06-Tool

Thread Size	Part Number	Panel Thickness		Screw Projection		T	Ø B	Ø C	Ø D	Ø F	Spring Rate K N/mm (lbf/in)	Load Max.* N (lbf)	
		Min.	Max.	P1	P-2								
M3	5T-11-M3-222-5	1.5 (.058)	3.2 (.126)	5.9 (.232)	8.4 (.331)	5 (.197)	6.8 (.27)	9 (.35)	6.7 (.294)	4.7 (.185)	4.45 (25.4)	22.5 (5)	
4-40	5T-11-04-222-5			6.6 (.26)	9.9 (.39)	5.7 (.224)	7.6 (.30)	10.4 (.41)	7 (.275)	5 (.2)			
M3.5	5T-11-M35-222-5												
6-32	5T-11-06-222-5												