



5T Captive Screws

Heat sink series

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

Material and Finish

Screw: Hardened carbon steel, zinc plate, chromate plus sealer

Spring: 300 series stainless steel, passivated

Ferrule: Aluminum, natural

Performance Details

M3/4-40 Recommended Torque: 0.6 N•m (5.3 in•lbf)

M3.5/6-32 Recommended Torque: 1.08 N•m (9.6 in•lbf)

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. Recommended load 2200 N.

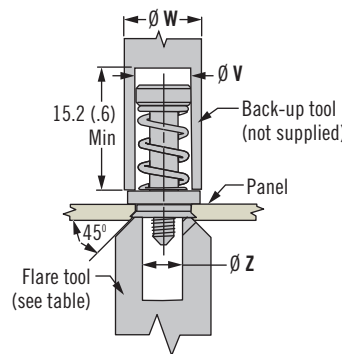
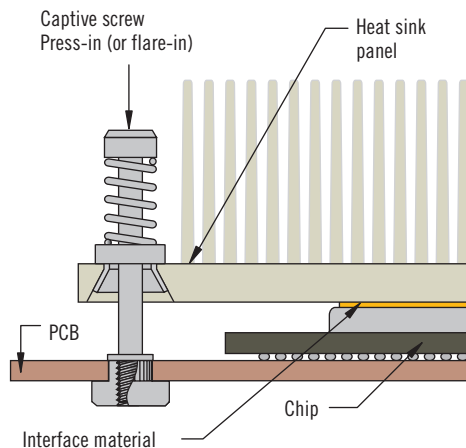
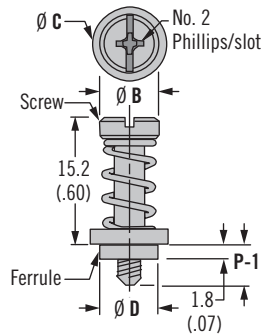
Notes

Load applied by each screw: [3.4 (.13) * K] +7.57 N (1.7 lb)
 Standard K value shown in the table. Load at given deflection *shown in the fastened position above.

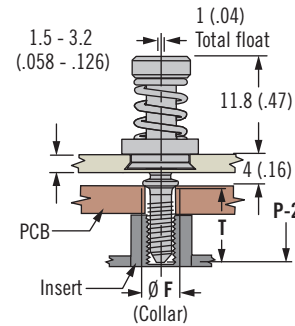
Part Number

See table

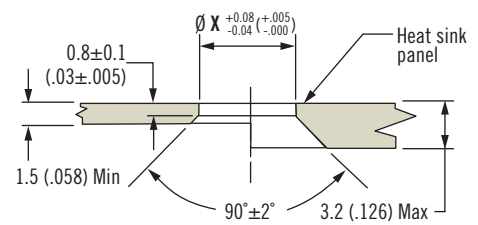
Unfastened



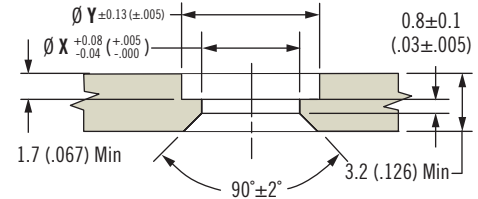
Fastened



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			6.6 (.26)	9.9 (.39)	5.7 (.224)	7.6 (.30)	10.4 (.41)	7 (.275)	5 (.2)		
6-32	5T-11-06-222-5											

Dimensions in millimeters (inch) unless otherwise stated



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