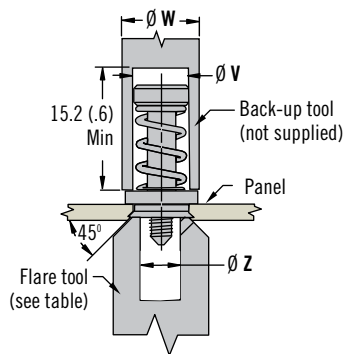
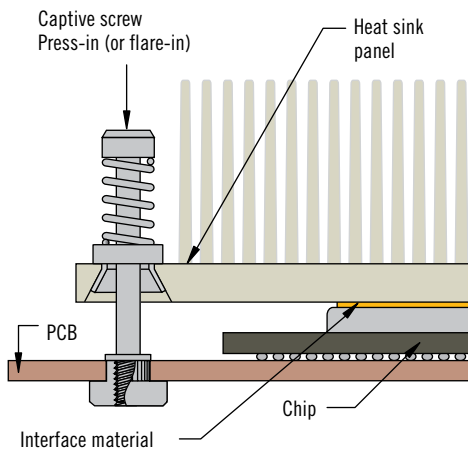
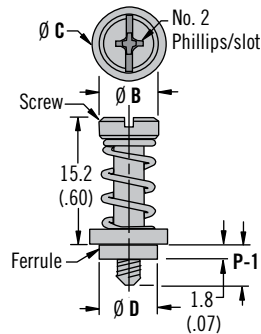


5T Captive Screws

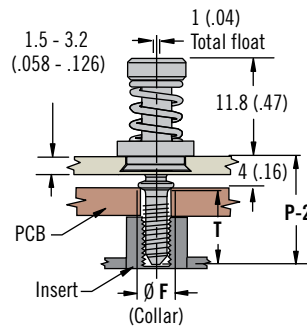
Heat sink series



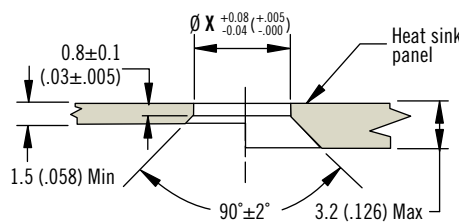
Unfastened



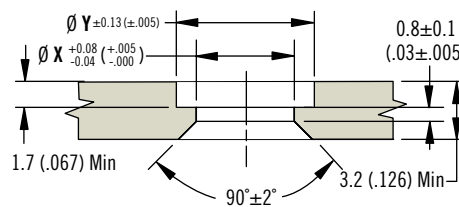
Fastened



Standard



Alternate



Thread Size	ϕV	ϕX	ϕY	ϕW Min.	ϕZ	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

- 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

Thread Size	Part Number	Panel Thickness		Screw Projection		T	ϕB	ϕC	ϕD	ϕF	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												