

ESTABLISHED
1913



HIGH TEMPERATURE SEALING CLIPS™



Connor
MANUFACTURING SERVICES

High Temperature Clamping
370° — 530° C (700° — 1000° F)



BENEFITS

- Rapid response
- Ease of doing business
- Strategic locations

APPLICATIONS

Designed and manufactured to utilize the properties of Stainless Steel and Inconel and stand up to extreme conditions and harsh environments while maintaining consistent alignment and force.



scan to watch our video

Connor Clips™ are designed and manufactured to stand up to extreme conditions and harsh environments while maintaining consistent alignment and pressure.

The Connor Clips are designed to utilize the properties of Stainless Steel and Inconel to perform in extreme temperatures and chemical exposure. This combination of materials not only allows for the clips to operate in temperatures to 370°C (700°F) while maintaining accurate loads but also provides for longer product life, cycle after cycle. The clips unique pivot design offers even tip and load pressure.

Connor Clips are uniform hermetic sealing and alignment of packages during manufacturing processes requiring exposure to high temperature belt furnaces. Bonding materials commonly used in these processes are solder paste, alloy or epoxies.

ISO/TS 16949 | ISO/AS 9100 | ITAR Registered | Aerospace | Military | Defense | Automotive

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C1

Our most versatile clip, used for sealing PGAs, some hybrids and attaching heat sinks.



C1-B

For distributing load forces on ceramic and plastic surfaces. The plate enlarges the contact area.



C1-C

For applications that require side to side stability. Cross tab prevents clip and package from moving sideways.



C1-D

For applications that require reduced width at the contact point. Contacts can be modified to fit unique widths.

Length: 3.00"
Tip Width: .378"
Jaw Depth: 1.3"
Clamping Force: 1, 1.5, 2 lbs
Clip Material: Stainless Steel
Spring Material: Inconel
Temperature: 370°C (700°F)



C2

This clip was developed for large side brazed packages, cerdips and quad packs.



C2-A

Designed for sealing PGAs in package boats. The top half of this clip will reach the centerline on all 3" width seal boats.



C2-B

For applications requiring point contact. Contact area can be ground to point or flat.



C2-C

For applications that require a reduced width contact. Specify contact width area required.

Length: 3.25"
Tip Width: .378"
Jaw Depth: 1.5"
Clamping Force: 1, 1.5, 2 lbs
Clip Material: Stainless Steel
Spring Material: Inconel
Temperature: 370°C (700°F)



C3

This clip is ideal for small side brazed packages, cerdips and ceramic clip carriers.



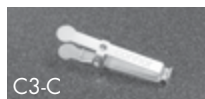
C3-A

For small packages including: LCCs, DIPs, & hybrids. Contact area can be notched down to fit width requirements.



C3-B

For applications requiring a point contact. Contact area can be ground to a point or flat.



C3-C

For J-Bend type cerdip packages. Two C3 tops are assembled together for top and bottom line contact.



C3-D

For limited access areas like small pin grid array packages. Point contact fits between pins on .100" centers.

Length: 2.4"
Tip Width: .25"
Jaw Depth: 1.5"
Clamping Force: 1, 1.5, 2 lbs
Clip Material: Stainless Steel
Spring Material: Inconel
Temperature: 370°C (700°F)



C4

Our smallest clip, designed to keep mass at a minimum while sealing small packages.

Length: 1.66"
Tip Width: .15"
Jaw Depth: .75"
Clamping Force: 1, 1.5, 2 lbs
Clip Material: Stainless Steel
Spring Material: Inconel
Temperature: 370°C (700°F)

Dimensions

