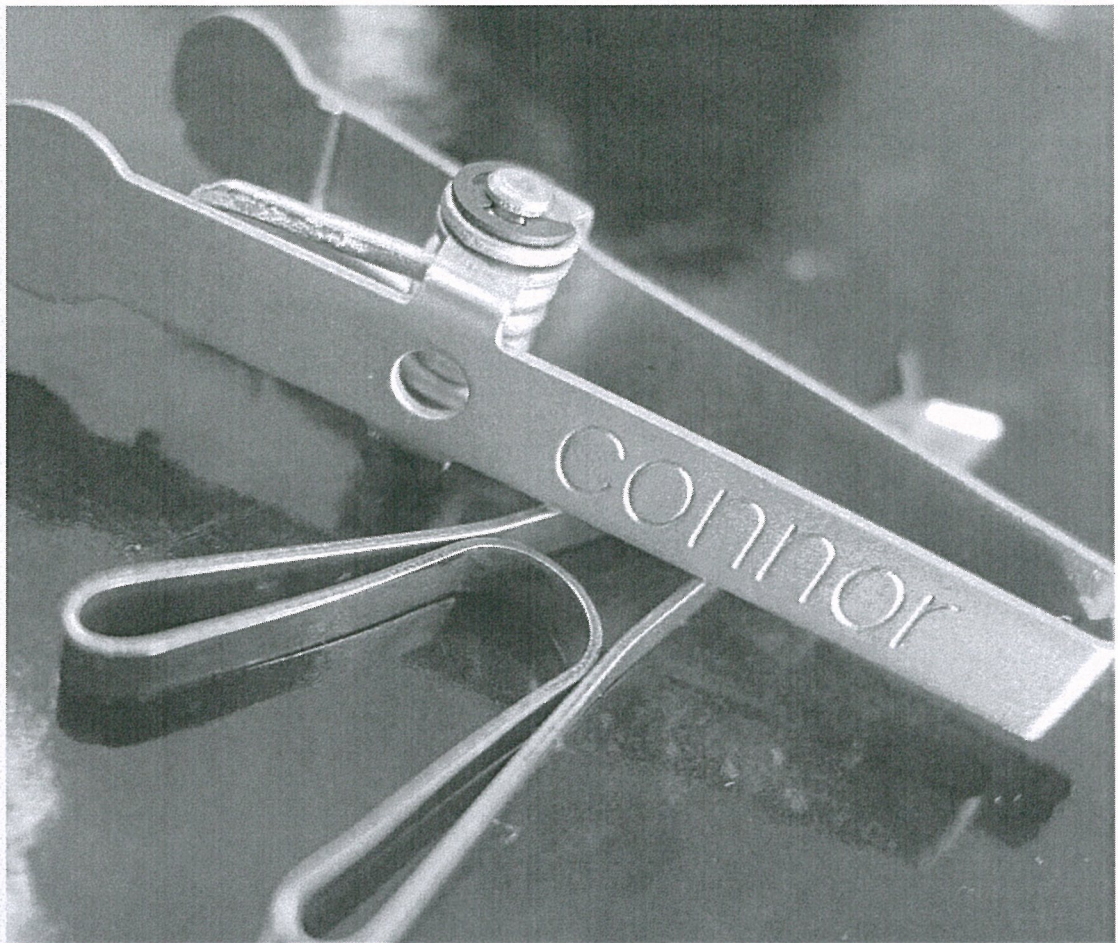




RAPID RESPONSE  
 EASE OF DOING  
 BUSINESS  
 COMMON GOALS



# CONNOR SEALING CLIPS™

## HIGH TEMPERATURE CLAMPING 700° — 1000° F

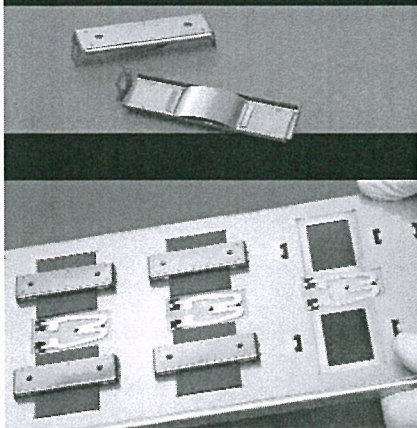
Connor Clips™ and Connor RSP Clips™ are designed and manufactured to stand up to extreme conditions and harsh environments while maintaining consistent alignment and pressure.

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.

The Connor RSP Clips, TC and HT (High Temp) utilize a one-piece leaf design manufactured from Stainless Steel and Inconel. The TC Clips will withstand temperatures up to 370°C (700°F) and the HT Clips are capable of operating in temperatures up to 530°C (1000°F). Both RSP Clips leaf spring design affords a high clamping force while maintaining contact and alignment.

Common use for both style of 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.

SEMICONDUCTOR





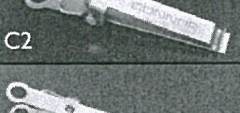











CONNOR  
 FLAT PROCESS CARRIERS  
 For information and literature  
 contact your local Connor Representative.



# SEALING CLIPS

## CONNOR CLIPS

	Description	Dimensions	Material	Temperature
 C1	Our most versatile clip, used for sealing PGAs, some hybrids and attaching heat sinks.	Length: 3.00" Tip Width: .378" Jaw Depth: 1.3" Clamping Force: 1, 1.5, 2 lbs.	Clip: Stainless Steel Springs: Inconel	370°C (700°F)
 C1-B	For distributing load forces on ceramic and plastic surfaces. The plate enlarges the contact area.	Length: 3.00" Tip Width: .378" Jaw Depth: 1.3" Clamping Force: 1, 1.5, 2 lbs.	Clip: Stainless Steel Springs: Inconel	370°C (700°F)
 C1-C	For applications that require side to side stability. Cross tab prevents clip and package from moving sideways.	Length: 3.00" Tip Width: .378" Jaw Depth: 1.3" Clamping Force: 1, 1.5, 2 lbs.	Clip: Stainless Steel Springs: Inconel	370°C (700°F)
 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: Stainless Steel Springs: Inconel	370°C (700°F)
 C2	This clip was developed for large side brazed packages, cerdips and quad packs.	Length: 3.25" Tip Width: .378" Jaw Depth: 1.5" Clamping Force: 1, 1.5, 2 lbs.	Clip: Stainless Steel Springs: Inconel	370°C (700°F)
 C2-A	Designed for sealing PGAs in package boats. The top half of this clip will reach the center-line on all 3" width seal boats.	Length: 3.25" Tip Width: .378" Jaw Depth: 1.3" Clamping Force: 1, 1.5, 2 lbs.	Clip: Stainless Steel Springs: Inconel	370°C (700°F)
 C2-B	For applications requiring point contact. Contact area can be ground to point or flat.	Length: 3.25" Tip Width: .378" Jaw Depth: 1.5" Clamping Force: 1, 1.5, 2 lbs.	Clip: Stainless Steel Springs: Inconel	370°C (700°F)
 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: Stainless Steel Springs: Inconel	370°C (700°F)
 C3	This clip is ideal for small side brazed packages, cerdips and ceramic clip carriers.	Length: 2.4" Tip Width: .25" Jaw Depth: 1.5" Clamping Force: 1, 1.5, 2 lbs.	Clip: Stainless Steel Springs: Inconel	370°C (700°F)
 C3-A	For small packages including: LCCs, DIPs, & hybrids. Contact area can be notched down to fit width requirements.	Length: 2.4" Tip Width: .13" Jaw Depth: 1.15" Clamping Force: 1, 1.5, 2 lbs.	Clip: Stainless Steel Springs: Inconel	370°C (700°F)
 C3-B	For applications requiring a point contact. Contact area can be ground to a point or flat.	Length: 2.4" Tip Width: .25" Jaw Depth: 1.15" Clamping Force: 1, 1.5, 2 lbs.	Clip: Stainless Steel Springs: Inconel	370°C (700°F)
 C3-C	For J-Bend type cerdip packages. Two C3 tops are assembled together for top and bottom line contact.	Length: 2.4" Tip Width: .25" Jaw Depth: 1.15" Clamping Force: 1, 1.5, 2 lbs.	Clip: Stainless Steel Springs: Inconel	370°C (700°F)
 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: 1.15" Clamping Force: 1, 1.5, 2 lbs.	Clip: Stainless Steel Springs: Inconel	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: Stainless Steel Springs: Inconel	370°C (700°F)