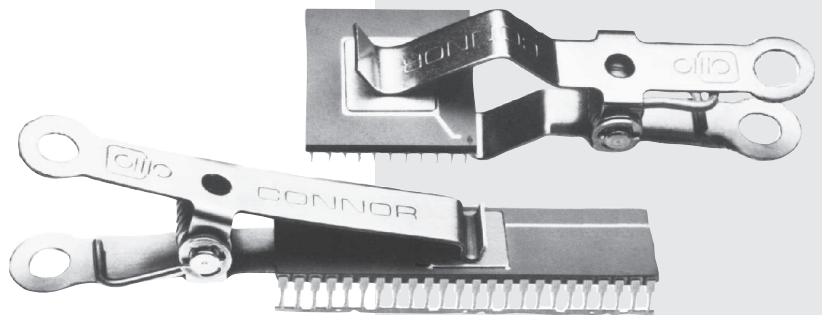


®

clip CONNOR
SPRING & MANUFACTURING COMPANY

Sealing Clips



minitron
elektronik gmbh

A successful concept:

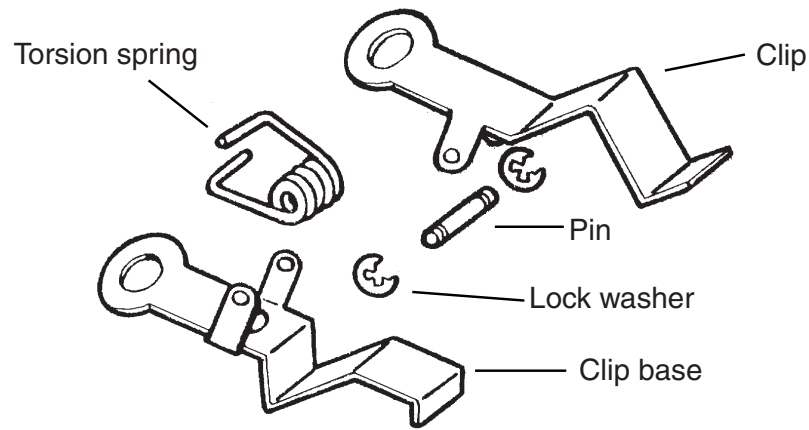


Illustration 1

Connor Sealing Clips

Connor Clips are made to last. Knowing that time after time these clips will be subjected to extremely high temperatures, up to 480°C , only the finest materials could possibly be used.

The bodies are made out of 17-7PH stainless steel with torsion springs out of Inconel X750. These materials give us a Clips that lasts longer, with a more consistent load, cycle after cycle.

In fact, you may never have to replace your Connor Clips.

Additional Advantages:

- More consistent contact alignment
- Consistently accurate clip loads
- Versatility of load ranges
- Easy handling

Load loss in %

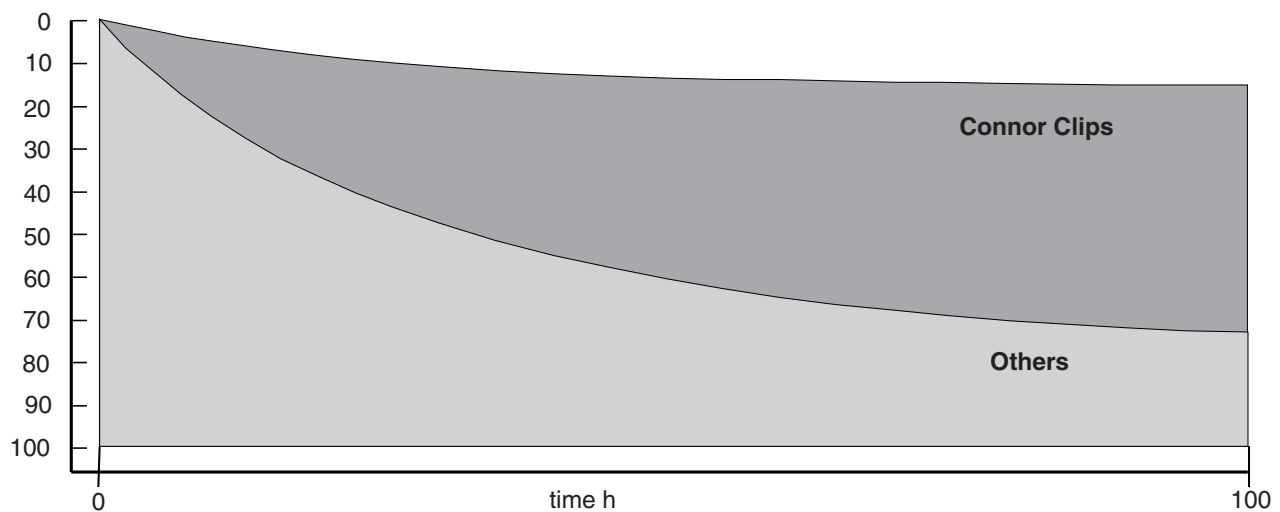
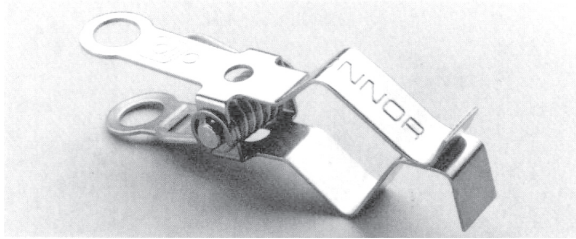


Illustration 2

This illustration shows the average variance between Connor Clips and the conventional design. The data has been gathered in a test over 100h at 450°C.

Standard Clips

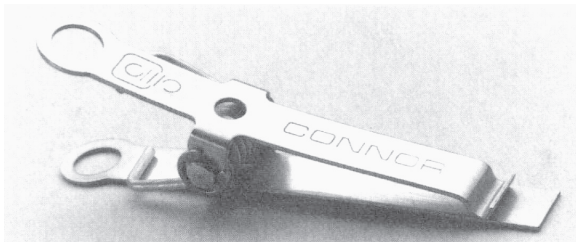
C1



Our most versatile Clip, used for sealing PGA's, some Hybrids and attaching heat sinks.

Length:	3"	(76 mm)
Jaw Width:	.378"	(9,5 mm)
Jaw Depth:	1.25"	(32 mm)
Width:	.825"	(21 mm)
Loads:	1, 1.5 and 2 Lbs.	(450, 670 and 900 g)

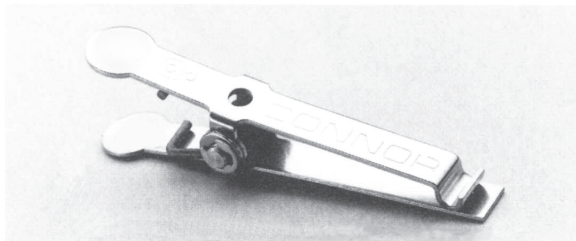
C2



A strong clip. Designed for large side brazed packages, cerdips and quad packs. Often used with C1 Top.

Length:	3.25"	(82,5 mm)
Jaw Width:	.378"	(9,5 mm)
Jaw Depth:	1.5"	(38 mm)
Width:	.825"	(21 mm)
Loads:	1, 1.5 and 2 Lbs.	(450, 670 and 900 g)

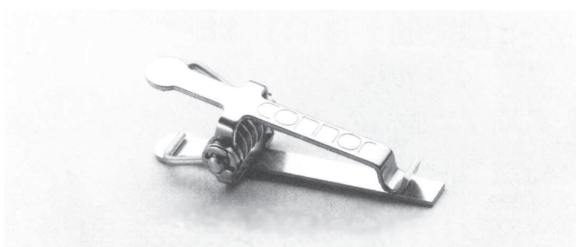
C3



The most common used Clip best for small side brazed packages, cerdips and ceramic chip carriers.

Length:	2.4"	(61 mm)
Jaw Width:	.25"	(6,5 mm)
Jaw Depth:	1.125"	(28,5 mm)
Width:	.57"	(14,5 mm)
Loads:	.5, 1 and 1.5 Lbs.	(225, 450 and 670 g)

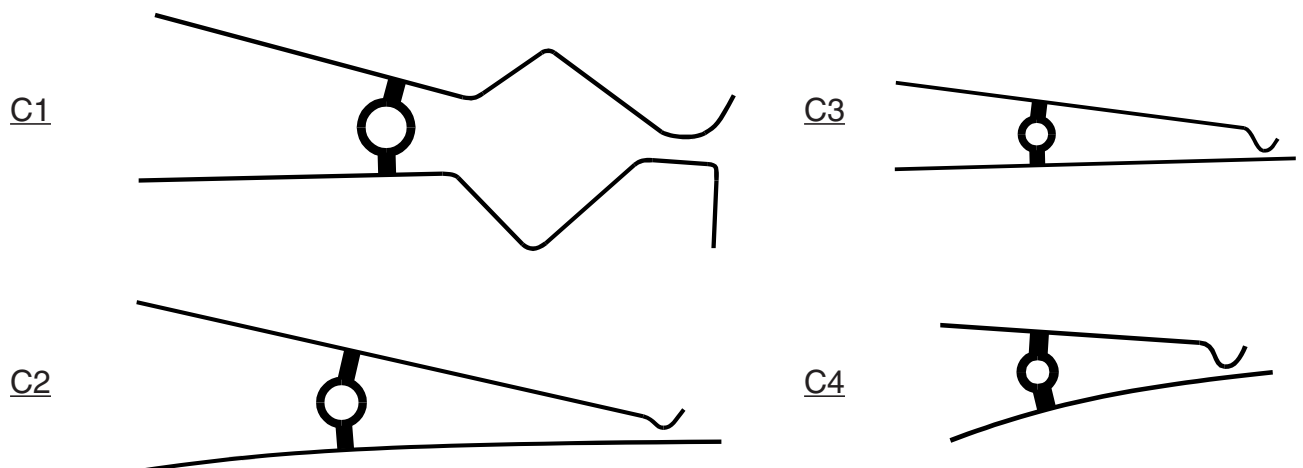
C4



Our smallest Clip, designed to keep mass at a minimum while sealing small packages, like LCC's.

Length:	1.66"	(42 mm)
Jaw Width:	.15"	(3,8 mm)
Jaw Depth:	.78"	(20 mm)
Width:	.57"	(14,5 mm)
Loads:	.25, .5 and 1 Lb.	(110, 225 and 450 g)

Contours of the Clips original scale





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