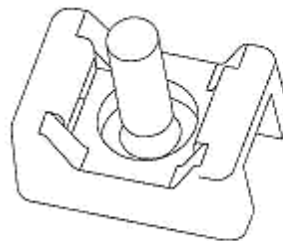


## Rugged Wire Security

Wire Tie Down Studs were designed specifically for quick and rugged wire security and will hold wire bundles up to 1" in diameter

Wire Tie Down Studs were designed specifically for quick and rugged wire security and will hold wire bundles up to 1" in diameter. The Wire Tie Down Stud can be neatly welded into place within milliseconds providing a permanent, worry-free wire maintenance system.

The Wire Tie Down Stud was created as an aesthetic and reliable alternative to traditional screw and adhesive fasteners. Because Wire Tie Down Studs are stud welded into place, eliminating the need for drilling holes, they provide a secure installation that will not break, loosen or weaken over time. With a pull off that exceeds the capability of a typical 3/16" nylon strap, Wire Tie Down Studs are ideal for any wire assembly need from heavy duty construction equipment to wire management in industrial control boxes and telephone junction boxes.



As shipped before welding



As installed after extension is broken off

For more information on Antec's extensive range of Stud Welding supplies please contact us on **02 9622 9622** – [salesnsw@antec.com.au](mailto:salesnsw@antec.com.au) or visit [www.antec.com.au](http://www.antec.com.au).



## INSTALLATION PROCEDURE:

1. Insert stud extension into the welding gun chuck.
2. Position the tie down against the work and pull the welding gun trigger.
3. Remove the gun from the tie down.
4. Break off the extension with a pair of pliers.

Note: The stud retainer finishes below the surface of the nylon saddle for a smooth, non-abrasive surface.

The Wire Tie Down Stud is a capacitor discharge (CD) weld stud. This means the stud is installed with traditional CD stud welding equipment. The stud is equivalent to a U.S. #10 fastener.

The Wire Tie Down Stud is compatible with any CD welder capable of welding a #10 stainless steel fastener.

### Nylon 6/6 Temperature Index

Minimum Thickness	Electrical (°C)	Mechanical w/o Impact (°C)	Hot Wire Ignition (sec)
0.028	125	65	11.8
0.058	125	85	15.0

### Nylon Wire Tie Mechanical Dimensions

	Inch	mm
Height	0.390	9.90
Length	0.875	22.22
Width	0.625	15.87
Slot Height	0.090	2.29
Slot Width	0.325	8.26

### Retaining Stud

<b>Material:</b> 302 HQ SS; Ultimate Tensile 85 KPSI			
<b>Size:</b> Equivalent to U.S. #10			
<b>CHEMISTRY:</b>			
<b>C</b> 0.017	<b>Mo</b> 0.05	<b>Ni</b> 9.54	<b>Co</b> Trace
<b>S</b> 0.001	<b>Mn</b> 0.83	<b>Cu</b> 3.07	<b>N</b> PPM 155
<b>Cr</b> 17.5	<b>Si</b> 0.32	<b>P</b> 0.024	<b>Fe</b> Remainder

