



## NILES FENCE & SECURITY PRODUCTS, LLC.

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### SECUREX Fittings

All fittings are hot dipped galvanized to ASTM 123 specifications unless otherwise requested. Fittings are also available in powder coat black or green. For custom colors, please contact our design department.

#### **SECUREX Diamond and Infrastructure Fittings**

**Line Rail** – C-Channel line rail is used as top, bottom or mid rail and is available in two strengths. Standard Diamond series line rail measures 1-5/8" x 13/16"x (L). Line rails are cut and delivered to length based on post spacing. (ex. LR8)



**Heavy Line Rail** – C-channel heavy line rail is used with our Infrastructure line and measures 1-5/8" x 1-5/8" square. (HLR8)



**Band** – Part of the framework, bands are used to attach the top, mid, or bottom line rails to posts. Bands are available in all sizes and require one square washer per band. Use the square washer on the inside of the line rail. Bands are specified by size and style designation. (ex. BAND4 or BAND S-4)



**Post Clamp Set** – The post clamp set is a pair of interlocking bands used on all line and terminal posts. These are interchangeable with the standard bands. (ex. PCSET400RHDG)



**C-Clamp Assembly** - The c-clamp assembly consists of a c-clamp and clamp bar. The c-clamp assembly is used at each line post to attach the mesh. The c-clamp will fit to the line post on the inside of the fence line while the clamp bar fits to the attack side and holds two pieces of mesh together where they overlap. (ex. CCLAMP3 and CLAMPBAR)



**End Tensioner** – The end tensioner attaches the expanded metal mesh to the framework at terminal and corner posts. This fitting is used in conjunction with a latch clamp and square washer. (ex. TEN4 or TEN S-4)



**Latch Clamp** - The latch clamp is used to attach the mesh to the framework of the fence. The latch clamp's unique design locks into the mesh and through the line rail or end tensioner with a standard bolt. In general, latch clamps are used every 15"-18" on line rails. (ex. LC3HDG or LTCHCLAMP)



**Latch Clamp Assembly** - The latch clamp assembly includes the latch clamp, a u-washer and nut and bolt. The u-washer helps to increase stability and strength along the framework.





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**Post Cap** – Standard post caps are used to keep moisture from penetrating the fence posts. (ex. 3DOMECAP)



**U-Edging** – U-Edging is available for all standard mesh sizes. U-Edging is specifically used to minimize sharp edges. U-edging is recommended for safety railing applications and is used in several of our gate designs.

**Nut and Bolt** – Securex recommends the use of stainless steel nuts with breakaway bolts. Nearly all systems are assembled using 5/16-18 x 2” bolts. Specialty bolt sizes are available for customized expanded metal mesh sizes. (ex. – SS5162BA)



### **SECUREX Retro-Fit Fittings**

**Retro Band** - Heavy tension bands are used to attach mesh to terminal posts. Retro bands are designed to be used with already fixed round pipe and/or chain link fence framework. Bands are available in standard or heavy duty and require one bolt per piece. For estimating purposes, use one band less than the height of the fence.



**Retro C-Clamp** - C-clamps are also used to attach expanded metal mesh to already fixed round pipe framework at the top mid and bottom rails. Retro C-Clamps are also used on line posts to attach mesh at the posts.



**Retro Bar Clamps** – (small size) Bar clamps are designed to sandwich expanded metal together where two panels of expanded metal mesh meet. Retro Bar Clamps are sold and priced in pairs. For estimating purposes, use 2 less than height of fence per join.



### **SECUREX – Super-C Fittings**

**Steel Cover Strap** – The steel cover strap fits the closed side of our super-c line posts and is used to lock expanded metal panels in place along the entire post. Slots allow for 3/8” x 4-1/2” security nuts and bolts, centered every 12”.



**Super C Square Line Rail Clamps** - Line rail clamps are used to attach expanded metal mesh to top, mid or bottom rail and are used in conjunction with clamp bars.

