



## STRESS-LOK® CLAMPING WASHER

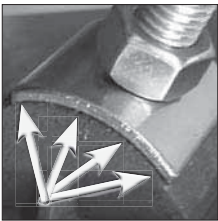
*Specifically Designed for Use  
With Bracing Washers*

STRESS-LOK® is the first washer designed to keep brace rods tight. It eliminates slippage of the rod caused by vibration due to wind load, earthquakes, cranes and other cyclic loads.

The concave bearing surface with a series of knurls, increases the contact area between the washer and hillside. The additional contact area distributes the load over a greater area, thereby keeping the connection tight. It also improves the overall strength of a standard hillside washer.

US Patent # 6,217,270

### WHY STRESS-LOK®?



**Patented washer distributes the bracing load across the hillside to increase strength and reduce slippage of the rod.**

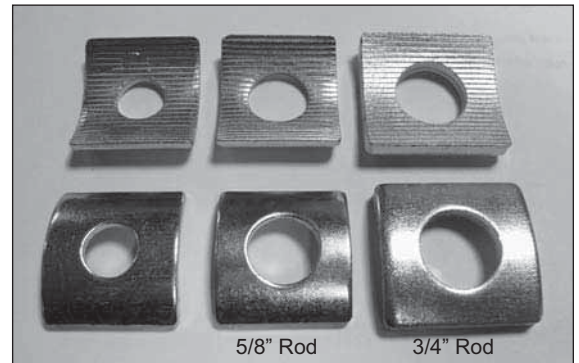
- The curved mating surface increases performance by distributing the load onto the hillside.
- The increased contact area eliminates slippage that can loosen the connection.
- Certified independent test data confirms load capacities.
- Can be used with standard hillside washers to improve their performance.



Flat washers provide minimal contact which can weaken the connection and cause loosening of the nut.

*STRESS-LOK® distributes the load over a greater area which increases strength compared to standard flat washers.*

### SIZES AND DIMENSIONS



5/8" Rod      3/4" Rod

**SIZES (Rod Size):** 1/2", 5/8" and 3/4"  
**MATERIAL:** Low Carbon Steel  
**FINISH:** .0003" min. Zinc Plated

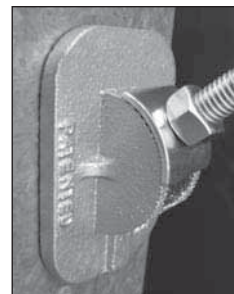
### INDEPENDENT TESTS



*"...Triangle Fastener's hillside anchors having ridges, serration, on the curvature of the standard hillside washer with Stress-Lok washers were found to be superior to the standard off-the-self market available hillside washers."*

Source: R. Ralph Sinno, Ph.D., P.E., F. ASCE  
Professor of Civil & Environmental Engineering

Statement from independent laboratory tests conducted at Mississippi State University, August 26, 2008.



*For optimal performance of your bracing system, use STRESS-LOK with BRACER Hillside Style Washers.*



*STRESS-LOK can be used with ordinary hillside washers to improve their performance.*

**Increase the stability  
of your building for  
less than \$0.50 per rod!**

For load data, please refer to page 208.