

TENSION GENERATING, ANTI-LOOSENING TWISTED TOOTH LOCKWASHERS

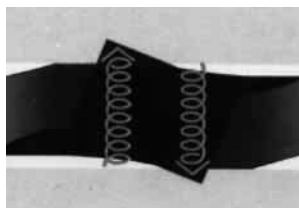


WCL is a leading supplier of the world's largest and most diverse line of tapered, twisted tooth locking washers. Shakeproof lockwashers are the best anti-vibration, anti-loosening mechanical fastening devices available. These resilient washers stand up to high torques and heavy loads. Various styles of economical, standard tooth washers fit all conventional screw types and accommodate a wide range of hole configurations, including countersunk and oversized holes.

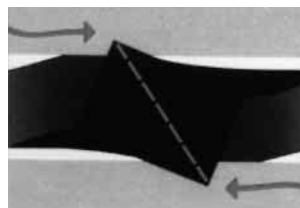
The twisted teeth on the Shakeproof lockwasher compress as torque is applied to the fastening. A strong spring reaction is set up as the specially heat treated teeth seek to return to their fully twisted position. These unique washers make a significant contribution to the integrity of an assembly:

1. Maintain essential tension.
2. React instantly to any loosening influence, setting up a strut action that strongly opposes the loosening rotation of the fastener.
3. Flexed teeth absorb shock and vibration.
4. Resilient teeth absorb high torques and prevent slipping.

Powerful Spring Reaction



Powerful Strut Reaction



MILITARY SPECIFICATIONS

MS16213-, MS35333-, MS35334-, MS35335-, Some MS35336-, MS45904-, MS541413-, MS51414-

MATERIALS

Carbon Steel - SAE 1050 - 1065

Stainless Steel - SAE 301 - 305, SAE - 316, SAE - 410

Bronze (Copper Alloy) - ASMB 591, Type 425

FINISHES

All types of finishes are in stock or available. Ask your WCL sales person for details.