

LOCKRITE WASHERS

LockRite® Washers are used in applications where bolts are prone to self-loosening during vibration & fluctuating loads ensuring a long term vibration proof environment for just about any bolt or threaded application.



LockRite® Washers

- Are assembled in pairs; cam face to cam face
- Each washer has radial teeth on outside and mating cams on the inside, creating a wedge under the bolt or nut surface locking under tension preventing unintentional loosening of the assembly.
- Eliminate the need to use adhesives.
- Are reusable unlike many lock nut systems.
- Are harder than the mating surface to ensure the unique locking function
- For a bolt & nut assembly 2 pairs should be used - one under the head of the bolt and one under the nut.
- Maintains high clamp load and thereby ensures the function of the joint
- Quick and easy to install and remove with standard tools
- Locking function not affected by lubrication
- Can be used with fasteners up to grade 12.9
- Reliable locking, even for joints with short clamp length
- No retightening needed
- Secures fasteners at both high and low preloads
- Are manufactured to DIN 25201 in Spring Steel-48 HRC and Stainless Steel 316

LockRite® Washers are not recommended where:

- Mating surfaces that are not locked in place
- Mating surfaces harder than the washers
- Very soft mating surface, e.g. wood, plastic
- Non-preloaded joints

The difference is that the cam angle "A" is larger than the thread pitch "B", causing the LockRite® Washers to expand more than the corresponding pitch of the thread.

