## INSTALLATION

- To install the TEC Series washer, place the preassembled pair between the nut or bolt and the joint material.
- As the nut or bolt is tightened, one half of the washer pair will be seated to the joint material and the other half will be seated to the nut or bolt.
- Install TEC Series washers using standard tools according to TEC Series Torque Guidelines. Retightening is not needed.
- The use of lubricants is highly recommended when installing TEC Series washers. A high quality lubricant designed to prevent seizing will reduce friction during installation and improve the consistency of clamp load in joints.


## TORQUE GUIDELINES

When installing TEC Series washers in a common application, expect an increase in required torque over recommended installation torque to achieve proper clamp load and maximum joint safety. Due to varying installation conditions and customer specific applications, additional information and torque recommendations are available by contacting Engineering support at Sherex.


## REMOVAL AND REUSE

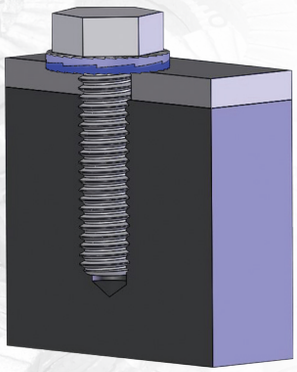
Removing TEC Series washers requires no special tools or procedure. Simply untighten the joint in the normal method and check the washer to ensure cam faces disengage.

While TEC Series washers are usually reusable, washers should always be inspected for deformation or excessive wear before reuse. If washers appear deformed or heavily worn, discard and use a new pair.

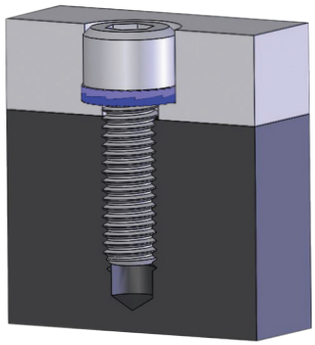
# APPLICATION EXAMPLES

TEC Series wedge locking washers can be used to protect joint integrity in a wide variety of joint types, including:

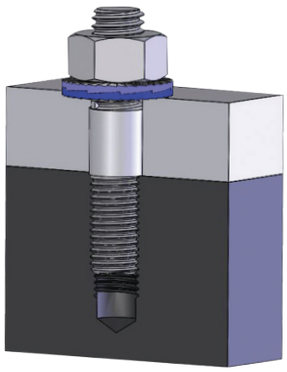
**Tapped Hole**



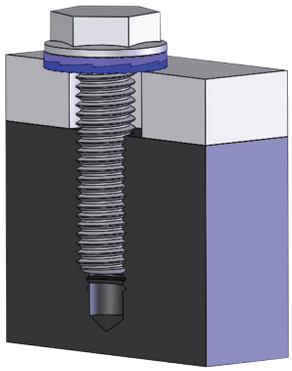
**Counter Bore**



**Stud Bolt**



**Large Hole***



*TEC Series wedge locking washers are not recommended for mating surfaces that are not locked in place or are harder than the washers. TEC Series washers are not recommended for use in non-preloaded joints.*

*For large/slotted holes and painted or soft contact surfaces, use Enlarged OD TEC Series Washers

# PROVEN APPLICATIONS

TEC Series wedge locking washers outperform conventional, split-ring, and other style washers in a wide variety of high stress, corrosive, and vibration-sensitive applications including:

- Agriculture Equipment
- Automotive
- Construction Equipment
- Heavy Rail
- Aerospace and Defense
- Mining and Drilling Equipment
- HVAC
- Solar and Wind
- Waste Management