These teeth say BACK OFF.
The teeth on WHIZ-LOCK say you won't!

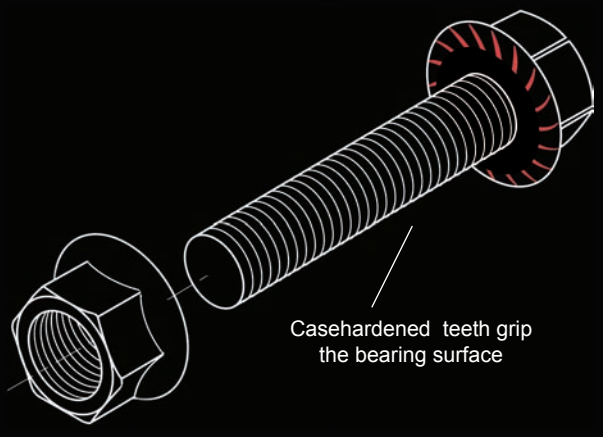
Whiz-Lock ®

One-Piece, All-Metal, Locking Nut and Screw

Confronted with this display, backing off seems a good thing. But not so with fastened joints. Vibration, the enemy of any threaded joint, makes free-spinning nuts and bolts susceptible to BACKING OFF, a loosening of clamp force that destroys joint integrity.

Whiz-Lock one-piece, all-metal, free-spinning nuts and screws have been proven to overcome vibration and a variety of other forces. Tests have shown it takes an average of 30 percent more torque to remove a Whiz-Lock nut and screw than it took to apply them.

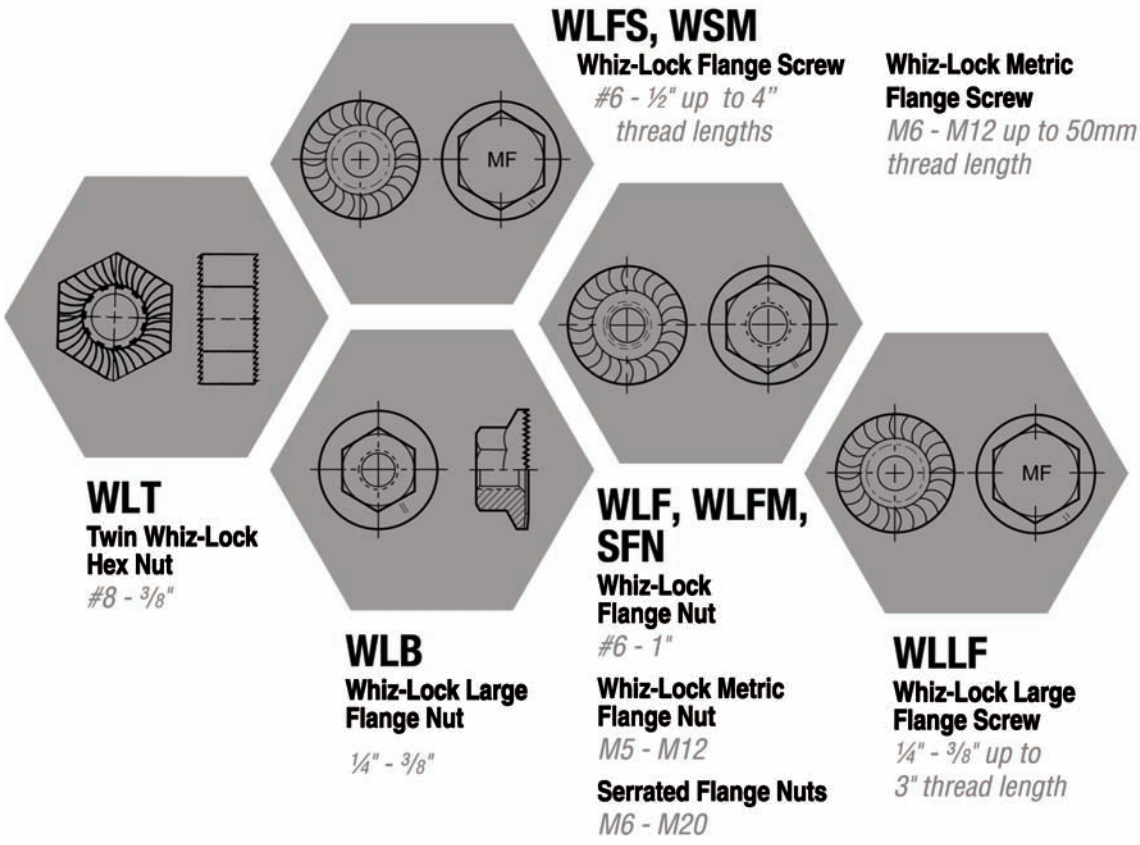
The underside or bearing surface side of a Whiz-Lock fastener has a series of spiraling serrations or teeth. The number, height, shape and curve of the teeth are important features in producing the high breakloose (off) torque in comparison to application (on) torque. Yet, application is as simple as spinning them on.



TRAMEC Fastener Services ... right from the factory

Whiz-Lock Nut and Screw

The most popular styles*



*Available in other sizes

The convex angle of the base further improves the locking effectiveness of the teeth. This feature permits first contact of the base of the Whiz-Lock nut or screw nearest the hole in the bearing surface, producing a better contact.

Only when vibration, shock, load or other loosening force begins to work on the joint does the Whiz-Lock advantage truly come into play. Then the casehardened teeth (to Rockwell C37) grip the bearing surface, retarding any rotation of the nut and screw.

TRAMEC Fastener Services
30 Davis Street, Iola, Kansas 66749
Tel: (847) 455-5920 • Fax: (847) 455-5996
(800) 835-0021 • www.TRAMEC.com