

TUFNUT HARDWARE PREVENTS THEFT PROBLEMS.

We not only protect your signs and property from the bad guys, but we free up your time and resources for more productive projects.

Tufnut hardware is easily installed, using regular tools.

An open-end or adjustable wrench is all you need to install our security nuts, yet they can only be removed by you.

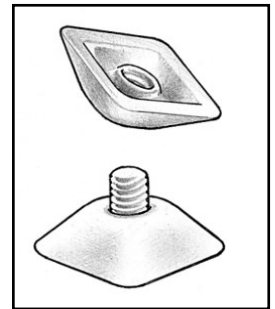
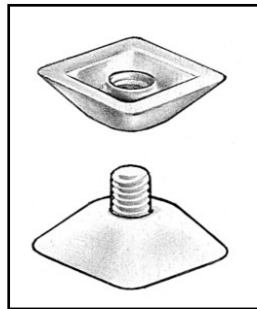
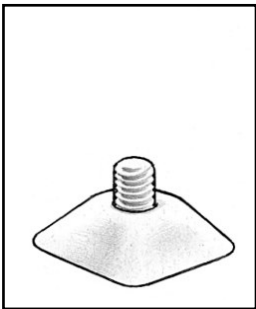
Tufnut hardware secures property AND peace of mind.

We produce and distribute a variety of security fasteners. If you don't see the fastener you need in our literature, give us a call - we'll do our best to help solve your security problem.



The Problem . . .

HERE'S HOW THE TUFNUT WORKS . . .



Tufnut security nuts are shaped like small steel pyramids. They are fastened with regular tools, and are also reusable.

First, thread a **Tufnut** onto your security bolt until the nut base is against the work surface.

Then, thread a second **Tufnut** onto the bolt, upside-down.

Insert a wrench between the two nuts and turn to fasten. An open-end wrench works best, but you can use almost any wrench or plier tool.

Finally, remove the second **Tufnut**, leaving your property safe and secure.

The Tufnut allows complete control of the tightness of your assembly. Its case-hardened steel body is harder than hand tools, which slide right off when trying to grasp the nut.

You can remove the nuts by reversing the installation procedure. We don't sell these nuts to the general public, so you can rest assured that your valuable signs and property will remain secure until you want to remove them.

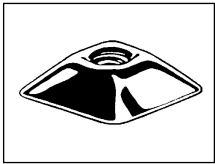
Today's risk of lawsuits makes it necessary for traffic engineers to use their most reasonable care and judgment to protect the public. With an installed sign costing \$100 or more, nobody can afford the risk of a lost sign.

"We are using Tufnuts throughout our sign program and have practically eliminated our theft problems."

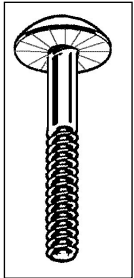
Max E. Leth, Highway Supt., Valley County, NE

"Our Tufnuts have lived up to all the performance criteria presented and the theft of borough signs is at the zero point. We are thoroughly pleased with Tufnuts and their performance."

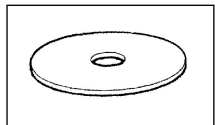
James F. Cotter, Supt., DPW, Borough of Hasbrook Heights, NJ



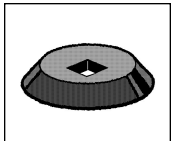
TUFNUT STEEL SECURITY NUTS are fastened with regular tools. They can be installed as tightly as desired but are removable for maintenance, and are REUSABLE. Tufnut security nuts are fully adjustable, to give you complete control over how tightly your property is secured. **USS sizes: 3/16" (10-24), 1/4", 5/16", 3/8" and 1/2"; METRIC sizes M5, M6, M8, M10, and M12.**



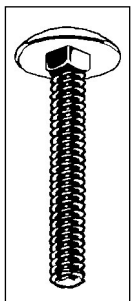
TUFBOLT SECURITY BOLTS are carriage bolts without a square neck beneath the head. They are useful for metal-to-metal fastenings where the square neck of a regular carriage bolt won't fit into a drilled hole. On a sign installation, the Tufbolt does not damage the bond between the reflective sheeting and the substrate. **Standard sizes are 5/16 x 2.5" and 3"**



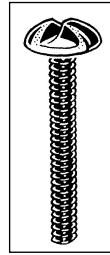
TUFNUT WASHERS protect surfaces from damage when a Tufnut is used on the front face of an assembly. Oversized Nylon washers (1.5" OD) fit under the base of a Tufnut to prevent damage by abrasion as the nut is tightened. **Available in White or Black**
Sizes are 5/16" & 3/8"
(Use 5/16" for TN25)



CARRIAGE BOLT ADAPTERS allow use of any length carriage bolt where you would otherwise use a Tufbolt. The adapters raise the neck of a carriage bolt so it doesn't touch the sign face or work surface. Made of black Nylon, they are designed to prevent the head of the bolt from being grasped and turned. **Sizes are 5/16" and 3/8"**

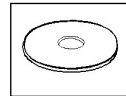


CARRIAGE BOLTS are recommended for use with Tufnut security hardware in all situations where the square neck is not a problem. The round head is difficult to grasp, while the square neck prevents the bolt from turning. We can supply them for you in all sizes if you cannot obtain them locally or from your Tufnut distributor.

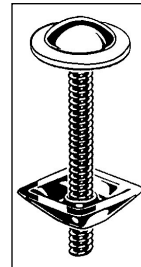


ONE-WAY BOLTS are security bolts which can be held with a screwdriver to prevent turning during installation, but can't be "unscrewed".

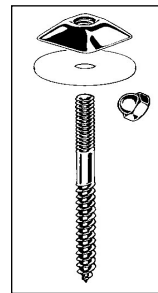
Available in steel or aluminum.
Sizes are 5/16" x 2.5" and 3.0"
Other sizes on request.



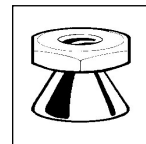
TUFBOLT WASHERS are used under the head of the Tufbolt and One-way bolt to protect surfaces from abrasion. **Size is 5/16" x 1"; White or Black**



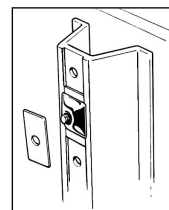
TUFBOLT SYSTEMS for U-Channel and square metal posts combine Tufbolts, Tufbolt washers, and Tufnut security nuts in one package. During installation, you can easily hold the tail of the Tufbolt with your hand or a pliers to keep it from turning until tightened. **Standard sizes are 5/16" x 2.5" and 3".**



TUFSCREW SYSTEMS replace lag bolts where security is needed. Each system includes Tufnut security nuts, double-threaded Tufscrews, Tufnut washers, and Steel acorn driver nuts. **Sizes are 3/16" x 2"; 1/4" x 3"; 5/16" x 3"; 3/8" x 3.5".**



VANDLGARD breakaway security nuts are used when the 1" square base of the Tufnut is too broad to fit the fastening surface. Vandlgard nuts are available in zinc, aluminum, or steel, and can be installed with regular tools, including socket wrenches. Upon tightening, the hex head shears off, leaving the 5/8" wide conical base to protect your property. **USS and Metric sizes available on request.**
5/16" sizes in stock.



MARION POST Washers fill the space in the groove of a rib-back post, denying access to the base of the Tufnut, while also making installation easier. **5/16" ID - White only.**

TUFNUT SECURITY HARDWARE can be used to secure signs, outdoor lighting, solar collectors, antiques, displays, playground equipment and other property you don't want to lose.

WE ALSO OFFER LOW-COST SECURITY SYSTEMS to secure computers, printers, VCR's, and A-V equipment. Complete brochure and pricing on request.