

Attachment Procedure



Pass the bolt through the materials to be attached and screw the lower (convex) nut onto the bolt.



Use a wrench, etc. to tighten the lower nut against the material. Even an ordinary wrench can provide sufficient tightening force.



At this point, the lower nut has exactly the same strength as a general-purpose nut.



Next, screw the upper (concave) nut onto the bolt by hand.



After you have tightened the upper (concave) nut by hand and it will no longer turn, tighten it about one more turn with a wrench or the like, or tighten it with a HardLock-designated tightening torque. Make sure the space between the concave and convex nuts, after you have tightened by hand, is about one thread pitch. In the unlikely event that there is no gap, do not reuse. Check the dimension precision of the bolt (6 g or grade 2).



The upper (concave) nut and the lower (convex) nut may or may not fit tightly together, but in either case the nut has enough intrinsic locking energy for loosening and tightening.

*Though Hardlock Nuts can be reused, before reusing one, tighten the concave nut by hand, then confirm that there is about one thread pitch of space between the concave and convex nuts. If, by some chance, the space is much narrower than one thread pitch, do not reuse the nut. The plastic of the concave nut may have been deformed, rendering the nut unable to demonstrate sufficient locking effect.