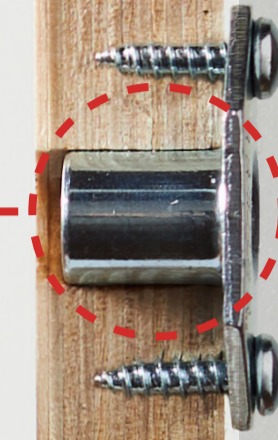
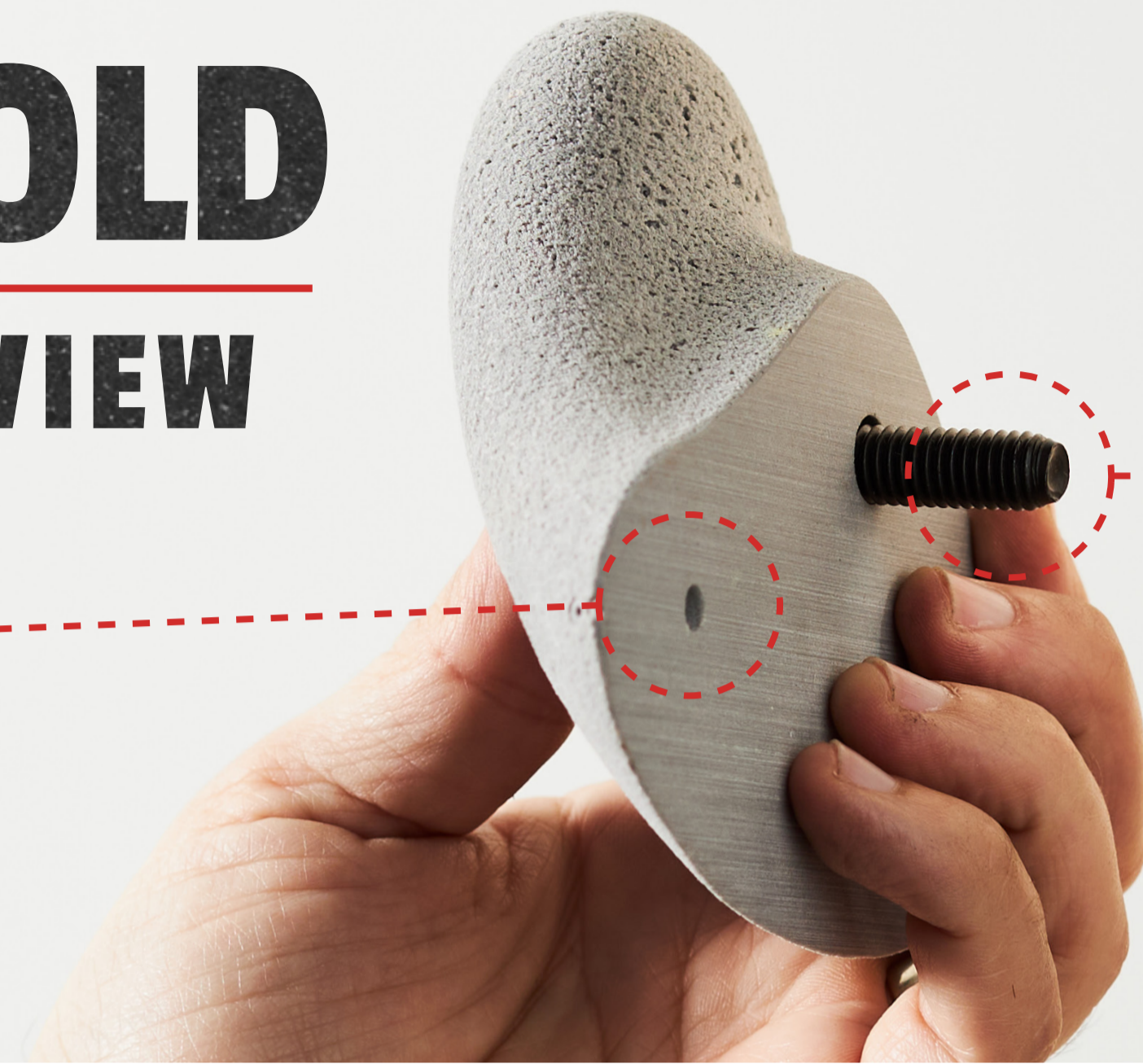


CLIMBING HOLD

INSTALLATION OVERVIEW



UTILIZE SET SCREWS
TO PREVENT SPINNING
AND PROVIDE ADDITIONAL
HOLDING STRENGTH



MAKE SURE THE THREADS OF
THE BOLT AND T-NUT ARE CLEAN,
ALLOWING IT TO THREAD
SMOOTHLY INTO THE T-NUT



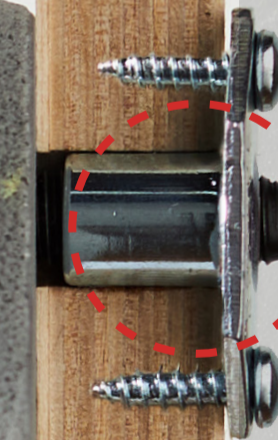
SEE OUR MAINTENANCE KIT
FOR TOOLS TO KEEP BOLTS
AND T-NUTS IN TIP TOP SHAPE



NEVER OVER-TIGHTEN HOLDS



INSPECT HOLDS FOR CRACKS
AND / OR STRUCTURAL DEFECTS
PRIOR TO INSTALLATION

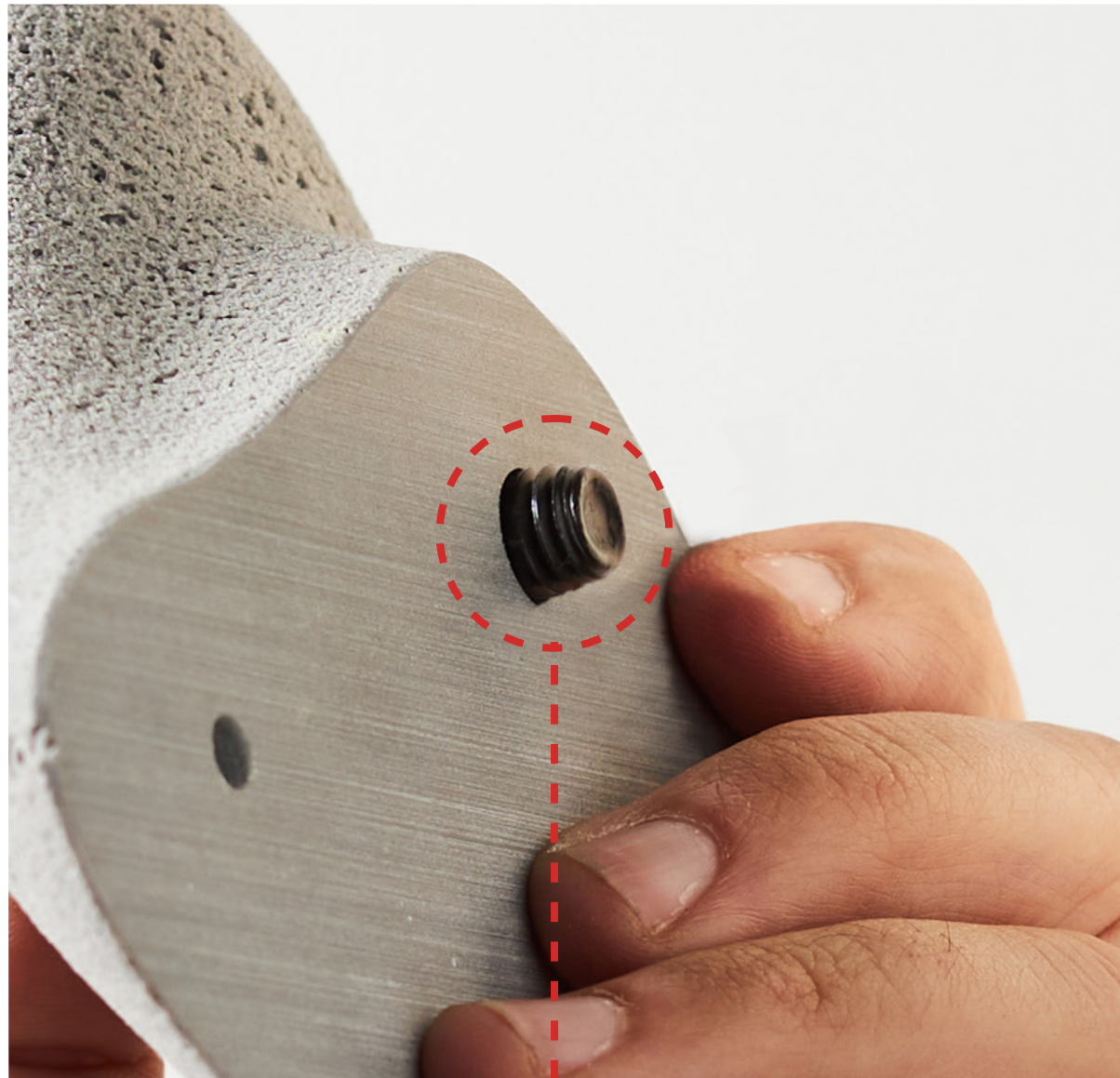


SELECT THE PROPER BOLT
HEAD & LENGTH FOR YOUR
CLIMBING HOLD

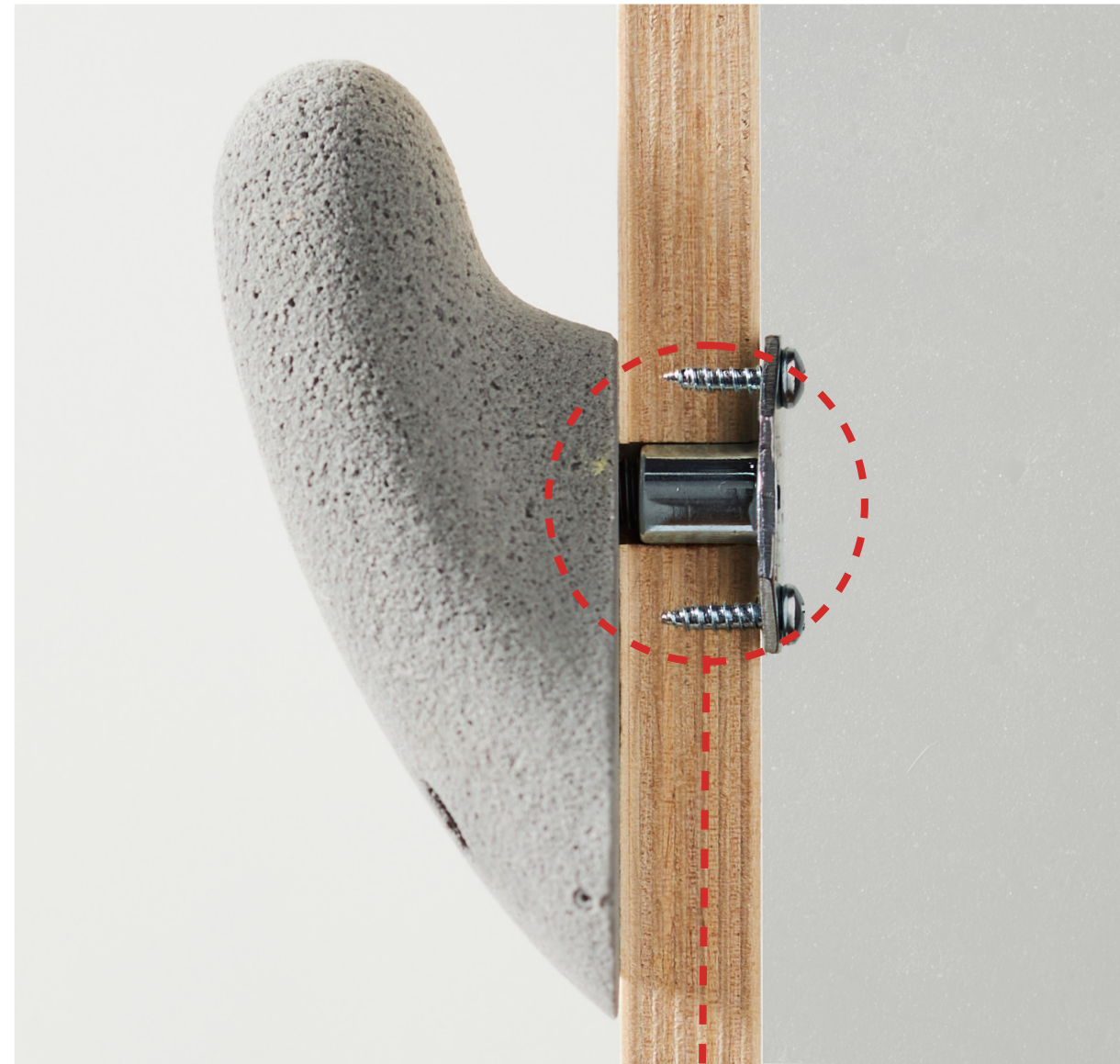


SELECT THE CORRECT BOLT LENGTH

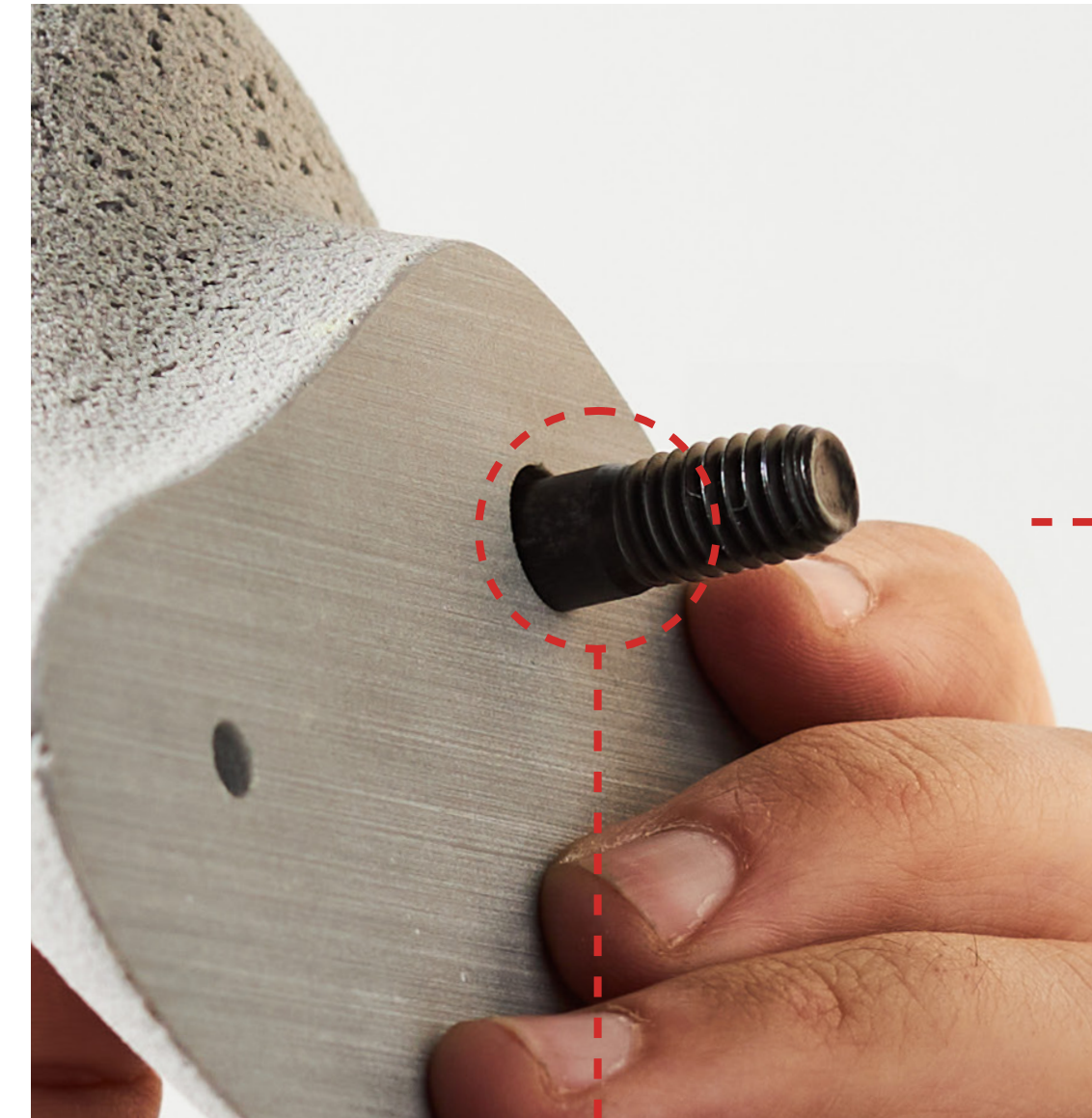
Selecting the correct bolt length is critical. Bolts that are too short will only partially thread into the t-nut. These bolts can pull out of the T-Nut as they only have a fraction of the intended holding strength. Bolts that are too long may have an exposed shoulder which can prevent the hold from tightening. A proper length bolt will allow the hold to tighten fully, and thread all the way through the T-Nut. A fully threaded T-Nut requires a minimum of 6-9 full rotations depending on your T-Nut barrel length.



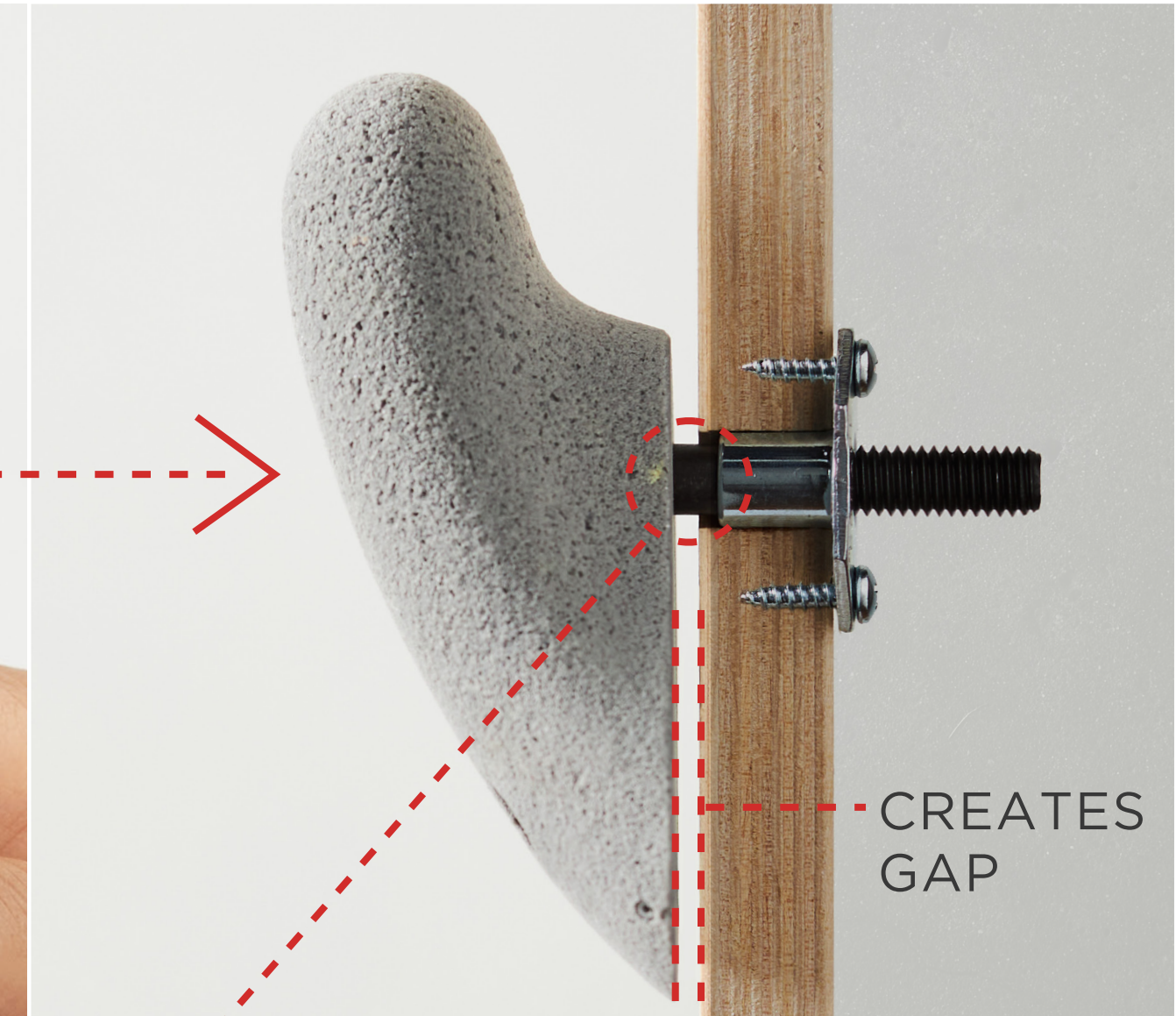
NEVER USE BOLTS SHORTER THAN THE FULL LENGTH OF THE T-NUT



NEVER PARTIALLY THREAD A T-NUT AS THIS GREATLY REDUCES ITS HOLDING STRENGTH



DO NOT USE BOLTS WITH AN EXPOSED SHOULDER

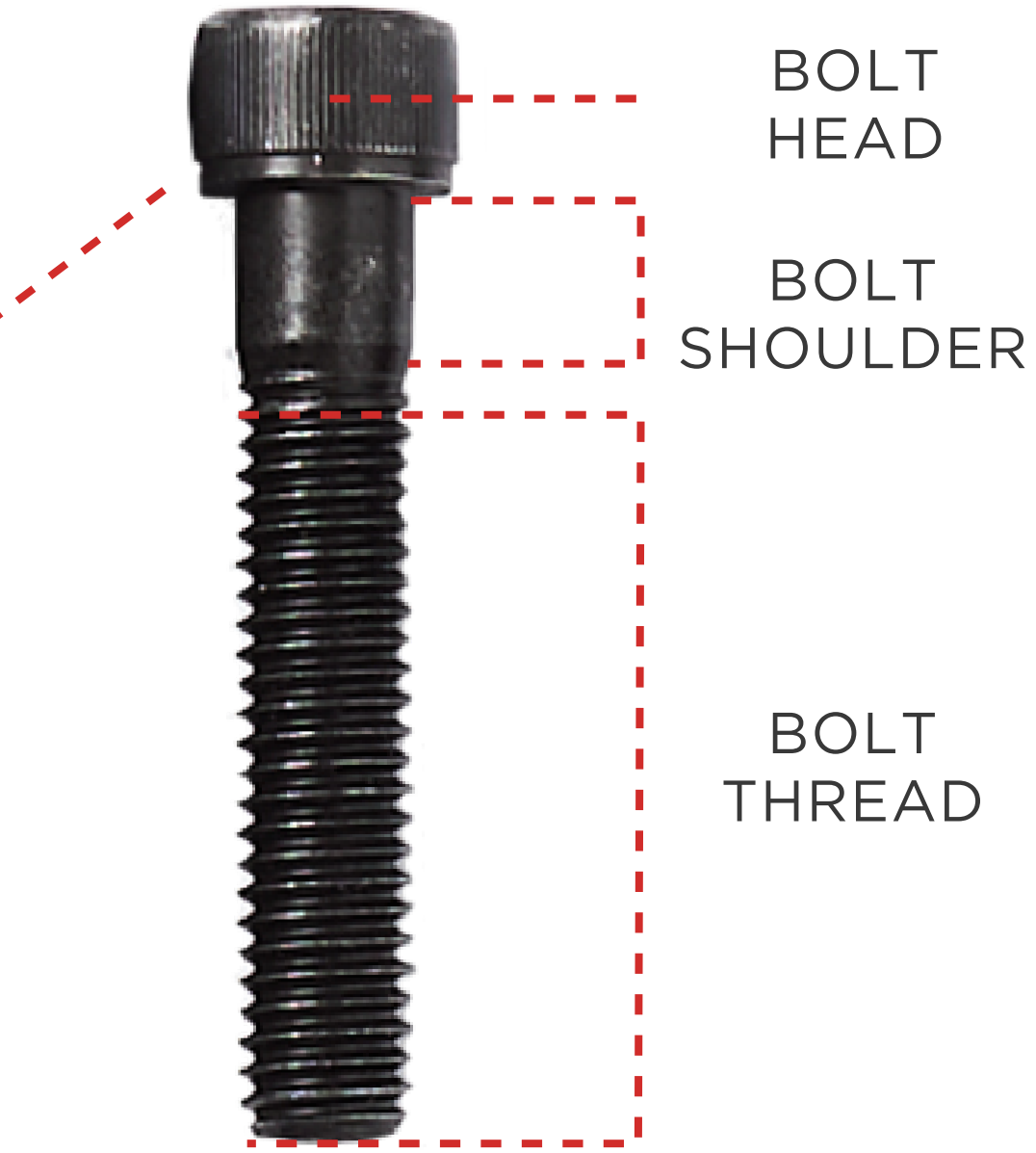
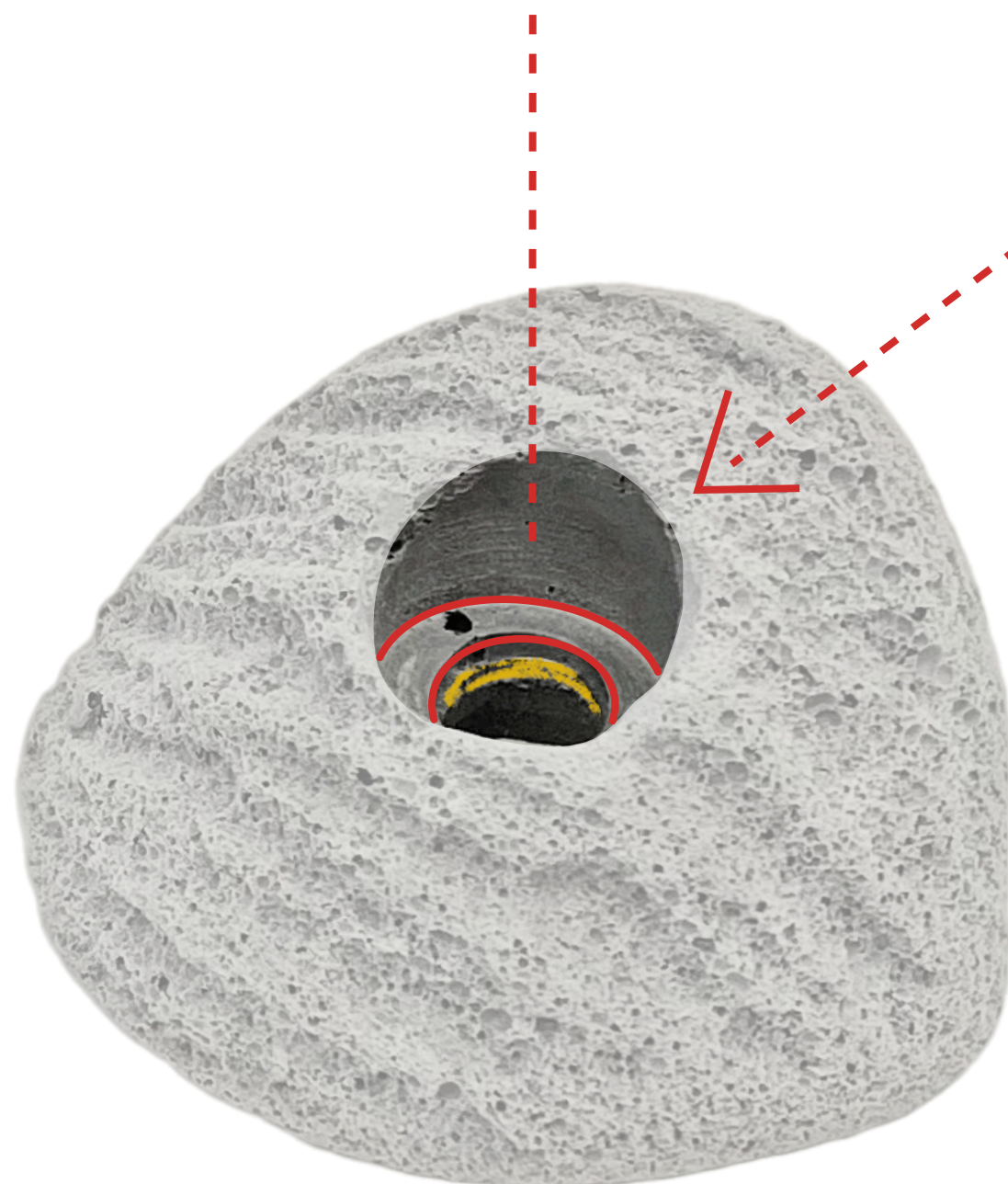


EXPOSED BOLT SHOULDERS (THE UN-THREADED PART) WILL PREVENT THE HOLD FROM TIGHTENING & CAN ALLOW THE HOLD TO SPIN WHILE CLIMBING

SELECT THE CORRECT BOLT HEAD

All bolt-on holds attach with a 3/8-16 inch bolt. "3/8" is the diameter of the bolt and the "16" indicates thread size. Holds are designed to install with either a flat head or socket head bolt. Using the incorrect type of bolt may cause the hold to spin or break.

FLAT RECESS:
WITH AN INSET WASHER, THESE ARE
DESIGNED FOR SOCKET HEAD BOLTS



**STANDARD SOCKET
HEAD BOLT**
INSTALLS WITH
5/16" WRENCH

CONVEX RECESS:
OFTEN WITHOUT A WASHER, THESE
ARE DESIGNED FOR FLAT HEAD BOLTS



**FLAT HEAD BOLT
(MARTINI HEAD)**
INSTALLS WITH
7/32" WRENCH

The convex recess is most common in smaller sized holds like footholds.