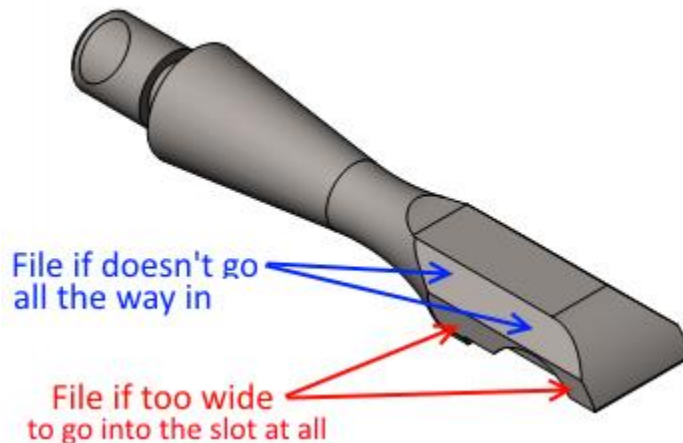


Fitting guide for Tikka T3 / T3x handles

Due to variations in dimensions of the slot in the Tikka bolt body, the handles aren't a drop-in fit for every rifle and often some basic fitting with a hand file is required. The area that fits into the bolt is machined to very tight tolerances ($\pm 0.025\text{mm}$) and will already be a very close fit to your bolt body which means minimal work is required to fit. After machining we test fit the dovetail of every handle in an EDM wire cut 'go' and 'no-go' gauge, then they are test fitted to a disassembled factory bolt, so when removing material you only want to take an absolute bare minimum off and try refitting often. The finished result should be a tighter fit than your OEM handle.

The drawing below highlights the two possible dimensions that will be binding. This doesn't require any special skills and can be remedied within 5 to 10 minutes by careful filing using either a fine cut to universal cut steel hand file (don't use a coarse cut file).



Please note the following:

- Mount the handle into the edge of a padded bench vice if you have one available to aid in filing
- Ensure the file isn't leaving a coarse surface finish and don't take too much material off. Just a couple of passes and try refitting often is the right approach.
- Don't allow the handle to get hot when filing, submerge it into a bowl of water then wipe dry after filing and before testing the fit to the bolt body again.
- Don't force the handle in with a punch and hammer when test fitting, if doing this tap it gently.
- Once the handle fits, remove it and clean any swarf off both the bolt handle and slot in bolt body and fit and make sure all surfaces are clean before final assembly.
- The dimensions of the dovetail that need to be filed will not be visible once assembled to the bolt.