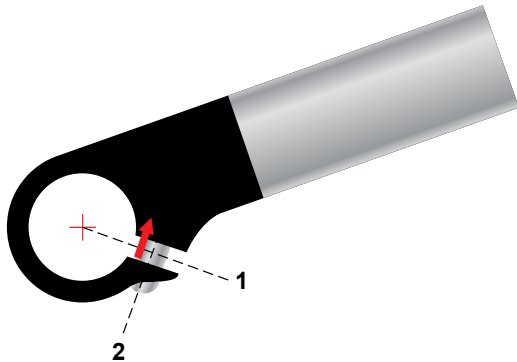


## Clamp Characteristics of Acceptable Bar Ends

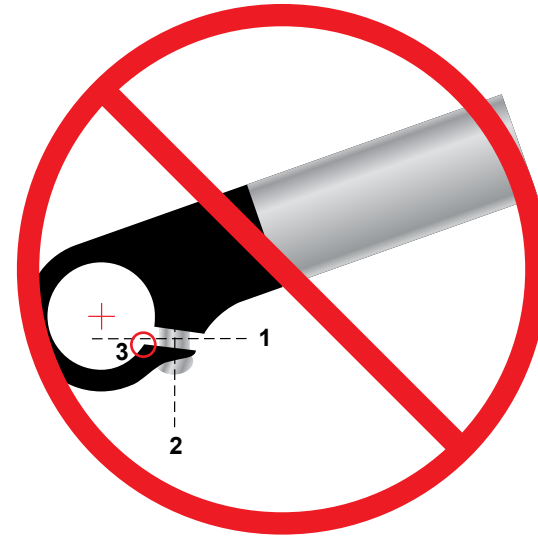


- Slot is in line with center of bar-insertion hole (1).
- Bolt is *perpendicular* to slot (2).
- When closed down 80–85% (off of the bar), contact area of clamp is round without sections around slot that push into the handlebar.

Type of bar ends which exhibit these kind of clamps:

- Many types of extruded or machined clamps
- Icon
- ControlTech
- Craig MetalCraft

## Clamp Characteristics of Un-Acceptable Bar Ends



- Slot is **NOT** in line with center of bar-insertion hole (1).
- Bolt is **NOT** *perpendicular* to slot (2).
- When closed down 80–85% (off of the bar), contact area of clamp is **NOT** round. This typically causes the section below the slot to push into the handlebar resulting in a crack at the end of the handlebar (3).

Type of bar ends which exhibit these kind of clamps:

- Many types of forged clamps
- Titec
- onZa
- Ritchey