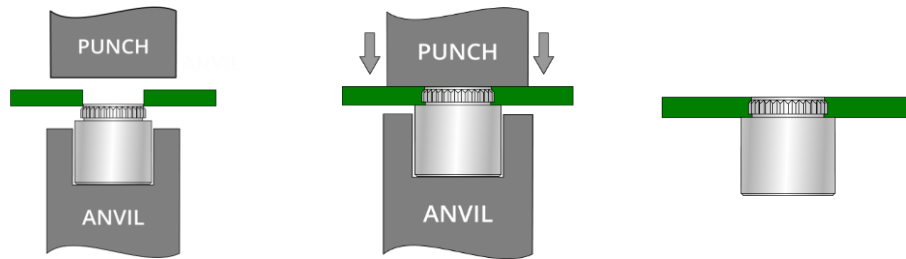
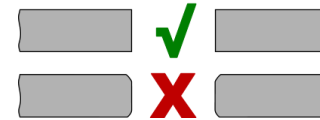


## Broaching Standoff Installation Guide

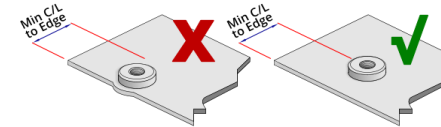


Prepare The Specified Hole In The Panel  
 Place The Fastener In The Anvil With The Shank Facing Up  
 Like In The Above Diagram. Locate The Panel Mounting  
 Hole Over The Shank Of The Fastener.  
 Ensure The Panel Is Held Level Apply A Parallel Squeezing  
 Force Until The Shoulder Of The Fastener Is Seated Against  
 The Panel. Do Not Over Squeeze The Fastener Into The Panel  
 As This Will Result In Panel Deformation Or Damage.

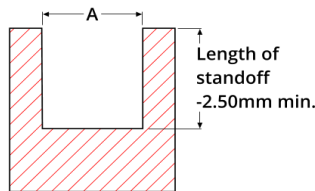


Do Not Remove Any Extra Material  
 OR Chamfer The Hole As This Could  
 Result In Improper Installation  
 Or Reduce Performance.

When Installing Pay Attention To Minimum Hole Centreline To  
 Edge Of Parent Material Hardness Limitations



Ensure Attention Is Paid To The Minimum  
 Hole Centreline To The Edge Dimension  
 For Each Fastener.  
 Installing Too Close To An Edge Or Bend  
 Could Result In Improper Installation  
 Or Reduced Performance.  
 Minimum Centreline To Edge Dimension  
 Shown For Each Apply To One Edge Only.  
 Installing Too Close To An Edge Or Bend  
 If This Distance Is Applied To Multiple Sides  
 There Will Be Significant Panel Distortion  
 Unless The Panel Edges Are Supported  
 During Installation.



Anvil Dimensions	
Thread Or Through Hole	A + / - 0.05
M3 - 3.30	5.79
M3.5 - 3.60	7.23
M4 - 4.20	8.97

**HRB (Rockwell Hardness 8 Scale)**  
 Ensure That You Are Installing Into A  
 Panel That Is Or Below The Published  
 Maximum Recommended Hardness For  
 The Fastener.