

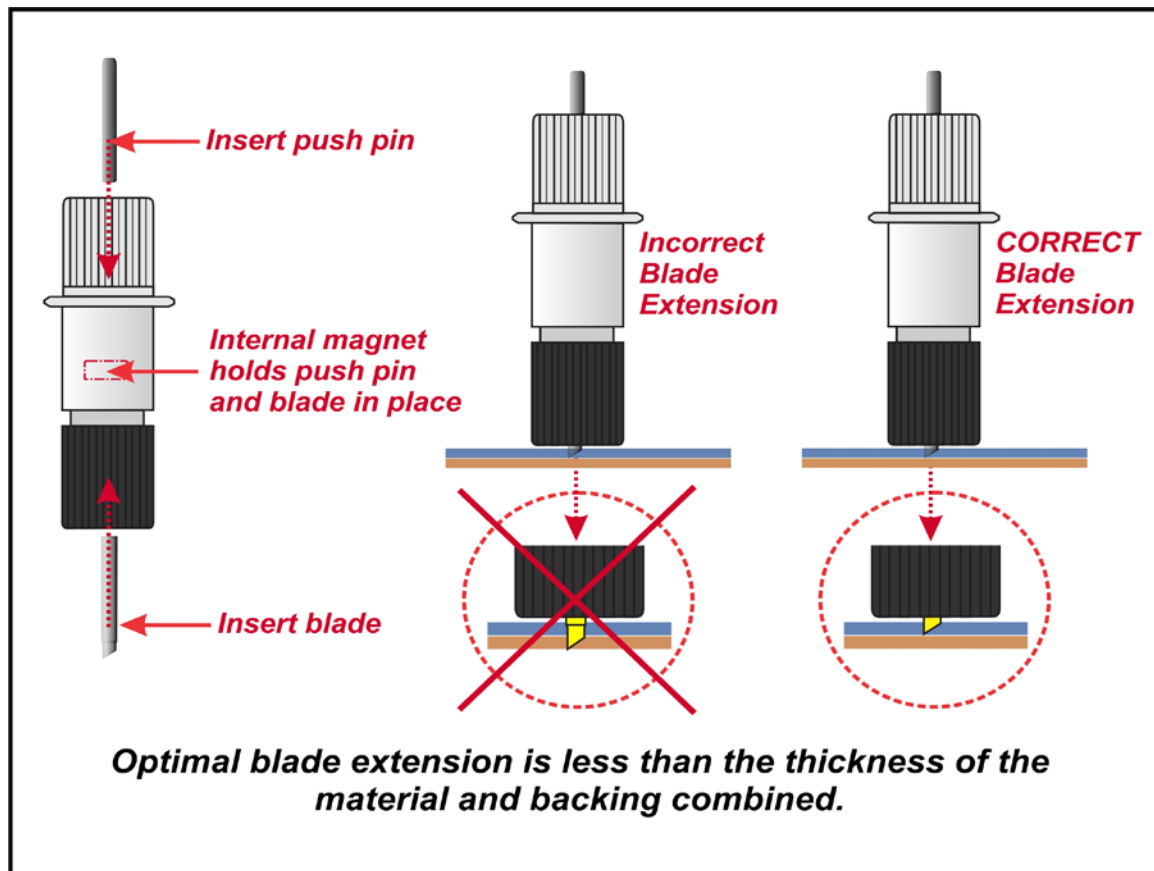
# BREN PRO-SERIES QUICK GUIDE

## *Correct Blade Extension*

Incorrect blade extension is the leading cause of cutting issues. The general rule is that the blade should not be extended (sticking out from the blade holder) more than the thickness of a credit-card. By having too much extension on your blade, you will ruin your cutting strip, by causing scratches and gauges in the strip, which will then lead to uneven cutting, as well as many other cutting issues. Even worse, incorrect blade extension will cause "drag" on the cutting-head motor; this will cause motor failure, which is not covered under warranty.

If, however, the blade is not extended *ENOUGH*, it will not be able to completely cut through the material. Knowing the *CORRECT* amount of extension for your cutter and material is vital to optimal cutting. See the diagram below, which shows how the blade holder works, as well as the correct extension for the blade. Always use the *TEST CUT* function on your cutter (F4 on 600 series / F1 on 500 series) *PRIOR* to sending a job from your computer. This will allow you to test your extension and force setting, as well as to make adjustments, and perform several more test cuts, without wasting material.

*Note: To extend the blade from the holder - looking down onto the holder, turn it clockwise; to decrease the extension length, turn counter-clockwise.*

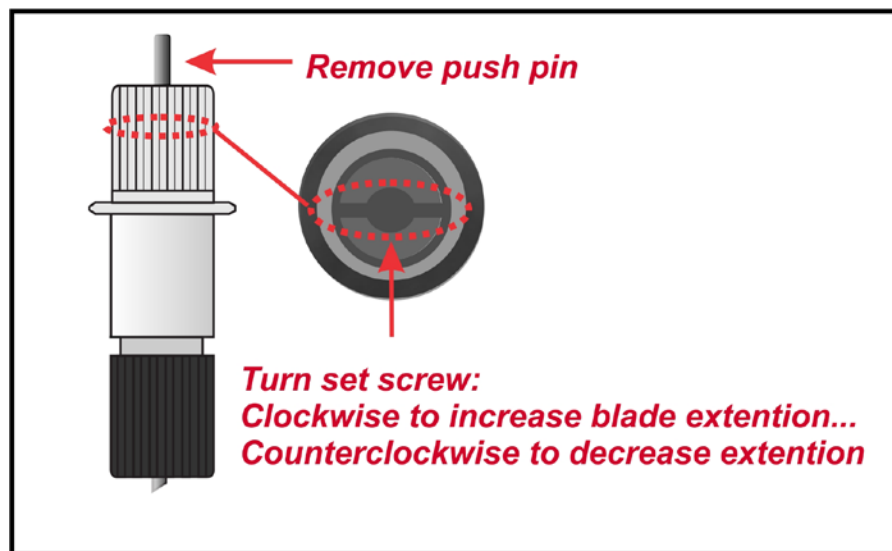


For troubleshooting tips, see the reverse side of this Quick Guide.

# BREN PRO-SERIES QUICK GUIDE

## TROUBLESHOOTING

As your cutter operates, it vibrates; this can sometimes cause the internal set screw, inside the blade holder, to move. If this happens, you might find that you are not able to achieve the correct blade extension. To adjust this set screw, you will need to examine the internal portion of the blade holder. At the top of the blade holder is a metal push pin; this pin is held in place by a small magnet and can easily be pulled out. Once you pull out the pin, look into the chamber of the blade holder and you will see a small screw. Using a very small screw driving, GENTLY attempt to turn the screw, depending on if you need the blade extension decreased or increased; see the diagram below.



If you still have problems and cannot achieve the desired cutting quality, you most-likely need to purchase a new blade holder. You can do so by calling BREN Inc at 800-826-3991, or by going online to [www.BrenInc.com](http://www.BrenInc.com) and placing your order on our website.

**BREN Inc**

Quality Marking Products Since 1972

8256 Horton Hwy ♦ College Grove, TN 37046 ♦ [Sales@BrenInc.com](mailto:Sales@BrenInc.com) ♦ [www.BrenInc.com](http://www.BrenInc.com)  
800-826-3991 (USA/Canada) ♦ 615-395-7025 (Outside USA) ♦ Fax: 615-395-7015