



## Installation Instructions

# (1210-FL) The Grace Lock

### FABRICATION

1. Once your cast has been modified you will place the Grace Lock Fabrication Dummy Part #1210-FD onto the distal end of the model with plaster making sure to leave a smooth transition and taper into the distal end of the mold to create the space that will later house the Grace Lock.

***(IF THERE IS NOT A SMOOTH TRANSITION BETWEEN THE FABRICATION DUMMY AND THE MODEL YOU MAY NOT BE ABLE TO REMOVE THE DUMMY AFTER THE SOCKET IS FABRICATED)***

2. Once the fabrication dummy has been securely attached to the positive model you will then lubricate the threads of the (4) 6mm cap screws and install them into the dummy

***This will make sure you have a uniform thickness at the distal attachment point***

3. At this point you will now prepare the model as you normally would for laminating then apply a PVA bag to finish and utilize the layup that will meet the needs of you Pt's activity level.
4. After the lamination has been completed and the model has been removed you will then grind the distal end flat just until the heads of the cap screws are exposed to create the holes for your attachment screws.
5. Using a straight edge across the four attachment holes make an X with a pencil to mark where to place the hole ( $\frac{1}{2}$ " ) for the pin to exit the socket.
6. Finally make another ( $\frac{1}{2}$ " ) hole at the desired release button location.

### INSTALLATION

7. Using the provided Allen wrench remove the release button
8. Place the Grace Lock into the socket making sure to align the four-hole pattern of the lock and the distal attachment of your choosing.
9. Insert the M6x25 screws provided and torque to 12Nm
10. Insert the Delrin release button through the hole in the side of your socket and press it into the side of the lock. (simply a press fit for now)
11. Grind the release button to your desired length
12. Using the Allen wrench provided reinstall the screw to secure the release button to the Grace Lock

