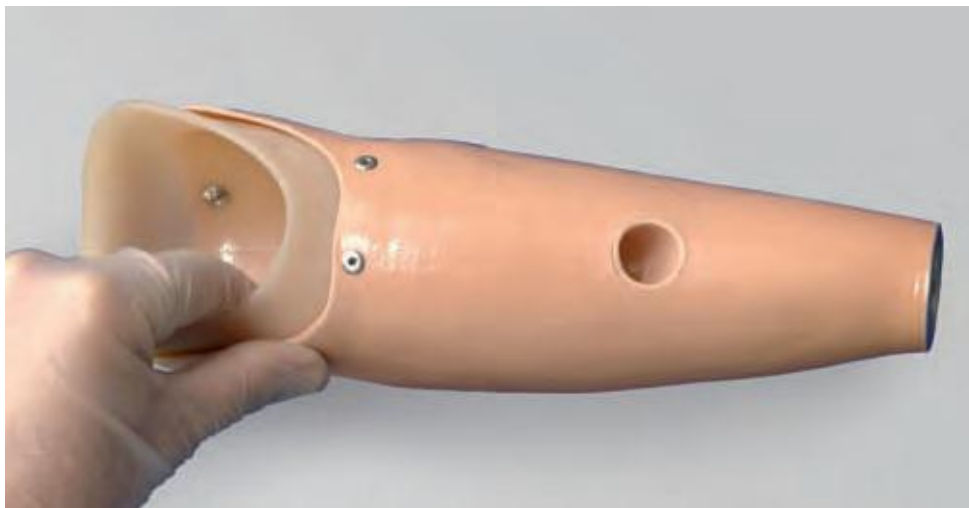


Academy Tech Tips

How to use the 711M77=2 Magnetic Centering Aid for pull-in tubes



Ottobock has created a handy tool for centering a pull-in tube on an upper limb socket. The magnetic positioning means that you can get the exact placement of the tube while working from the inside of the socket and still mark the drill placement on the outside of the socket.



Install the pull-in tube into the socket. Assemble socket and forearm shell with screws (503F3) and drive nuts (29C5=M4x9).



Insert the magnetic centering aid (711M77=2) into the pull-in tube.



Position the opposite pole of the magnetic centering aid on the forearm shell (use magnetic orientation), and mark the four centering points with a pen.



Find the center by joining the four position points, as shown.



Make sure you disassemble the socket from the forearm shell, then pre-drill the center point position of the pull-in tube using a 4 mm drill bit.



Use a small conical cutter (726W9=14) to increase the hole diameter.



Make a mark at 24 mm on a larger conical cutter (726W9=30) to help ensure proper diameter when drilling.

Drill the hole for the pull-in tube with larger cutter, verifying fit with the pull-in tube as you drill.

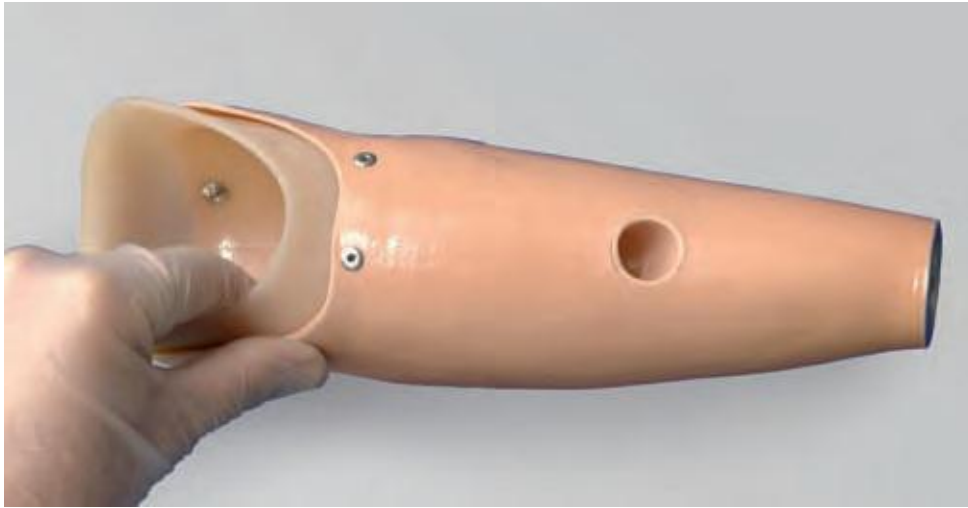


Insert the socket into the forearm shell and secure with screws. Insert the 99B13=21 pull-in tube into the socket, mark the pull-in tube and grind off the excess length flush with the forearm shell.



Disassemble socket from forearm shell. Maintain pull-in tube position and secure with quick drying adhesive (636K11 Cyamet).

Seal with bonding agent (617H46) to protect the electronic components.



Socket and forearm shell assembled.

Thanks for your interest. If you have questions about this procedure or any other issue, please contact us at 800 328 4058.