

### SPECIFICATIONS

| Part No.           | 4T25               | 4A25               |
|--------------------|--------------------|--------------------|
| Alloy              | Titanium           | Aluminum           |
| Product Weight     | 184 gr.            | 99 gr.             |
| Product Height     | 29 mm.             | 29 mm.             |
| Max Patient Weight | 136 kg. / 300 lbs. | 100 kg. / 220 lbs. |
| Torque             | 9 Nm               | 9 Nm               |



### USAGE

Cast preparation and Dummy installation:

1. After all alteration is done on the cast, the distal end of the socket must be checked with the dummy to ensure proper fit; make necessary alterations to the cast until fit is exact. The 4 holes on the dummy should be plugged, filled or taped to keep clean for future use.
2. Once dummy properly fits to distal end, ensure desired alignment and right location, then nail/attach it from center hole. Fill up the joint area between the cast and dummy with plaster of paris to make sure smooth contact is achieved between dummy and cast.
3. Once the cast is ready and dummy is in place for lamination, put PVA bag over the cast and dummy. While the PVA bag is soft and loose, tie the inner disk (small circumference) of the dummy securely and then fasten the PVA bag to top and bottom of the cast. Prepare to apply suction.
4. To increase suction quality and the imprint of dummy, use a knee-high stockinet under the PVA bag.
5. Second option for dummy installation is over the PVA bag. This method allows PVA bag to go first, then the dummy is installed externally over the PVA bag. PVA bag can be taped securely at the wider circumference of the dummy and lamination can be applied directly on the dummy. Be sure to get the best possible imprint of the dummy inside of the socket. After dummy installation over the PVA bag, reinforcement layers can be applied with strong suction.

Assembly of Shuttle Lock:

1. After removing socket from cast, smooth all the edges. Tap lightly on the dummy from the bottom of the socket, outside of distal end to remove it. Remove plug or tape from the 4 holes of the dummy. Reverse dummy and install the smaller diameter end into distal end of socket hole.
2. The 4 hole pattern of the dummy will be used as a guide for marking and drilling 4 holes on the socket for inner connection ring. As long as the rotatable type shuttle lock is used (4T25/4A25), angle of the holes is not very critical. You can adjust rotation later.
3. After the 4 holes on the socket have been drilled, you will no longer need the dummy. Now check to see if socket's distal center hole is clean enough to receive shuttle locks inner retainer part.
4. Check distal end of the socket to make sure its level and even thickness all around. Then install retainer inside of the socket and make sure retainer screw holes match the holes previously drilled on the socket. Use mounting screws to attach aluminum ring.
5. Screws that are supplied with the shuttle lock are intended for socket wall thickness of approximately 6mm. Socket wall thickness of 5mm or less needs shorter screws, otherwise it may crack inner pin guide cup. If the thickness exceeds 7mm, then supplied screws may be too short to go all the way through the threads of retainer ring. Please make sure that appropriate mounting screw lengths are used.
6. Now try liner with pin or just the pin itself to see how Shuttle Lock performs.

### WARRANTY

All MEDEX Modular Adapters are unconditionally guaranteed for 2 years. Cutting, drilling, modifying or using the component other than as described in this manual will void the warranty.