

MEDEX International, Inc.

User's Manual



This manual is for the following:

- 4ST6
- 4ST8
- 4S20
- 4S30
- 4S40

(3 arm stainless-steel-based lamination anchors)

1- **APPLICATION:** This product is designed to be used for lower limb external prosthetic lamination applications. Before fitting this product onto the patient, all parts must be joined properly and all set screws must be secured enough for the patient to walk. In order to make final adjustments, there should be no loose screws.

2- **WEIGHT RATINGS:** The maximum patient weight ratings for each alloy of this product are:

4ST6-4ST8-4S20-4S30-4S40 STAINLESS STEEL 136kg/300lbs

3- **TORQUE:** For permanent use, 8 mm SS set screws are 15 Nm
5-6 mm SS cap screws are 9 Nm

4- **WARRANTY:** All MEDEX Modular Adapters [Stainless Steel, Titanium, Aluminum] are unconditionally guaranteed for 2 years. Cutting, drilling, modifying or using the component other than described in this manual, will void the warranty.

5- **ATTENTION:**

A- Improper torque (uneven, insufficient or excessive) and installation may cause bolt or adapter failure.

B - Always select and pay attention to use quality *metric* tools.

6- **REQUIRED:** After the final adjustments, apply a single drop of removable Loctite® [222R] for each of the set/cap screws and then torque the product.

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User's Manual



This manual is for the following: 2T10 – 2S10 – 2A10
2T11 – 2S11
(Titanium, stainless steel, aluminum Sach foot adapters)

1- **APPLICATION:** This product is designed to be used for lower limb external prosthetic applications. The SACH foot keel must fit exactly to the bottom of pyramid adapters with zero pitch in the posterior/anterior direction. Before fitting this product onto the patient, all parts must be joined properly and all set screws must be secured enough for the patient to walk. In order to make final adjustments, there should be no loose screws. After the fitting is complete and during the center bolt torque, the artificial foot needs to be bonded to this product with polyester or acrylic resin.

2- **WEIGHT RATINGS:** The maximum patient weight ratings for each alloy of this product are:

| | | |
|-------------|-----------------|--------------|
| 2T10 – 2T11 | Titanium | 136kg/300lbs |
| 2S10 – 2S11 | Stainless Steel | 136kg/300lbs |
| 2A10 | Aluminum | 75kg/165lbs |

3- **TORQUE:** For permanent use, 8 mm SS set screws are: 15 Nm
10 mm SS center bolts are: 30 Nm

4- **WARRANTY:** All MEDEX Modular Adapters [Stainless Steel, Titanium, Aluminum] are unconditionally guaranteed for 2 years. Cutting, drilling, modifying or using the component other than described in this manual, will void the warranty.

5- **ATTENTION:**

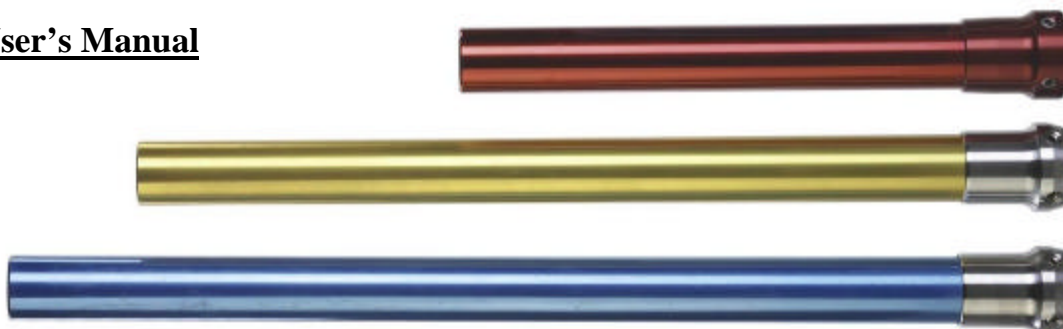
A- Improper torque (uneven, insufficient or excessive) and installation may cause bolt or adapter failure.

B - Always select and pay attention to use quality *metric* tools.

6- **REQUIRED:** After the final adjustments, apply single drops of removable Loctite® [222R] for each of the set/cap screws and then torque the product.

MEDEX International, Inc.

User's Manual



This manual is for the following: 2T15 – 2S15 – 2A15
2T16 – 2S16 – 2A16
2T17 – 2S17 – 2A17
(Aluminum pylons with titanium, stainless steel,
and aluminum 4 screw adapters)

1- **APPLICATION:** This product is designed to be used for lower limb external prosthetic applications. When tubes need to be cut for height adjustment, a tube cutter is strongly recommended. After the proper length is achieved, all edges of the tube need to be burr free. Avoid sanding the external side (outer edge) of this product. Before fitting this product onto the patient, all parts must be joined properly and all set screws must be secured enough for the patient to walk. If a tube clamp adapter (2T20 – 2S20 – 2A20) is used, the tube has to be pushed into the tube clamp adapter until it sits on the rim. In order to make final adjustments, there should be no loose screws.

2- **WEIGHT RATINGS:** The maximum patient weight ratings for each alloy of this product are:

| | | |
|--------------------|-----------------|--------------|
| 2T15 – 2T16 – 2T17 | Titanium | 136kg/300lbs |
| 2S15 – 2S16 – 2S17 | Stainless steel | 136kg/300lbs |
| 2A15 – 2A16 – 2A17 | Aluminum | 75kg/165lbs |

3- **TORQUE:** For permanent use, 8 mm SS set screws are 15 Nm
5-6 mm SS cap screws are 9 Nm

4- **WARRANTY:** All MEDEX Modular Adapters [Stainless Steel, Titanium, Aluminum] are unconditionally guaranteed for 2 years. Cutting, drilling, modifying or using the component other than described in this manual, will void the warranty.

5- **ATTENTION:**

A- Improper torque (uneven, insufficient or excessive) and installation may cause bolt or adapter failure.

B - Always select and pay attention to use quality *metric* tools.

6- **REQUIRED:** After the final adjustments, apply single drops of removable Loctite® [222R] for each of the set/cap screws and then torque the product.

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User's Manual

This manual is for the following:

3T50 – 3S50 -3A50
3T51 – 3S51 -3A51
3T52 – 3S52 -3A52
3T53 – 3S53 -3A53
3T60 – 3S60 -3A60
3T70 – 3S70

(Titanium, stainless steel, and aluminum double head receivers and adapters)



1- **APPLICATION:** This product is designed to be used for lower limb external prosthetic length-alignment corrections. Before fitting this product onto the patient, all parts must be joined properly and all set screws must be secured enough for the patient to walk. In order to make final adjustments, there should be no loose screws.

2- **WEIGHT RATINGS:** The maximum patient weight ratings for each alloy of this product are:

| | | |
|--------------------|-----------------|--------------|
| 3T50 – 3T51 – 3T52 | | |
| 3T53 – 3T60 – 3T70 | Titanium | 136kg/300lbs |
| 3S50 – 3S51 – 3S52 | | |
| 3S53 – 3S60 – 3S70 | Stainless steel | 136kg/300lbs |
| 3A50 – 3A51 – 3A52 | | |
| 3A53 – 3A60 | Aluminum | 75kg/165lbs |

3- **TORQUE:** For permanent use, 8 mm SS set screws are 15 Nm
5-6 mm SS cap screws are 9 Nm

4- **WARRANTY:** All MEDEX Modular Adapters [Stainless Steel, Titanium, Aluminum] are unconditionally guaranteed for 2 years. Cutting, drilling, modifying or using the component other than described in this manual, will void the warranty.

5- **ATTENTION:**

A- Improper torque (uneven, insufficient or excessive) and installation may cause bolt or adapter failure.

B - Always select and pay attention to use quality *metric* tools.

6- **REQUIRED:** After the final adjustments, apply single drops of removable Loctite® [222R] for each of the set/cap screws and then torque the product.

MEDEX International, Inc.

User's Manual

This manual is for the following:

3T10 – 3S10 – 3A10
3T11 – 3S11 – 3A11
3T12 – 3S12 – 3A12
3T20 – 3S20 – 3A20

(Titanium, stainless steel, and aluminum
four holes pyramid adapters and receivers)



1- **APPLICATION:** This product is designed to be used for lower limb external prosthetic applications. Before fitting this product onto the patient, all parts must be joined properly and all set screws must be secured enough for the patient to walk. In order to make final adjustments, there should be no loose screws.

2- **WEIGHT RATINGS:** The maximum patient weight ratings for each alloy of this product are:

| | | |
|--------------------|-----------------|--------------|
| 3T10 – 3T11 – 3T12 | Titanium | 136kg/300lbs |
| 3S10 – 3S11 – 3S12 | Stainless steel | 136kg/300lbs |
| 3A10 – 3A11 -3A12 | Aluminum | 75kg/165lbs |

3- **TORQUE:** For permanent use, 8 mm SS set screws are 15 Nm
5-6 mm SS cap screws are 9 Nm

4- **WARRANTY:** All MEDEX Modular Adapters [Stainless Steel, Titanium, Aluminum] are unconditionally guaranteed for 2 years. Cutting, drilling, modifying or using the component other than described in this manual, will void the warranty.

5- **ATTENTION:**

A- Improper torque (uneven, insufficient or excessive) and installation may cause bolt or adapter failure.

B - Always select and pay attention to use quality *metric* tools.

6- **REQUIRED:** After the final adjustments, apply single drops of removable Loctite® [222R] for each of the set/cap screws and then torque the product.

MEDEX International, Inc.

User's Manual



This manual is for the following: 3T19 – 3S19 – 3A19
3T22 – 3S22 – 3A22
(Titanium, stainless steel, and aluminum
Rotatable pyramid adapters and receivers)

1- **APPLICATION:** This product is designed to be used for lower limb external prosthetic toe and knee direction adjustment applications. Before fitting this product onto the patient, all parts must be joined properly and all set screws must be secured enough for the patient to walk. In order to make final adjustments, there should be no loose screws.

2- **WEIGHT RATINGS:** The maximum patient weight ratings for each alloy of this product are:

| | | |
|-------------|-----------------|--------------|
| 3T19 – 3T22 | Titanium | 136kg/300lbs |
| 3S19 – 3S22 | Stainless steel | 136kg/300lbs |
| 3A19 – 3A22 | Aluminum | 75kg/165lbs |

3- **TORQUE:** For permanent use, 8 mm SS set screws are 15 Nm
5-6 mm SS cap screws are 9 Nm

4- **WARRANTY:** All MEDEX Modular Adapters [Stainless Steel, Titanium, and Aluminum] are unconditionally guaranteed for 2 years. Cutting, drilling, modifying or using the component other than described in this manual, will void the warranty.

5- **ATTENTION:**

A- Improper torque (uneven, insufficient or excessive) and installation may cause bolt or adapter failure.

B - Always select and pay attention to use quality *metric* tools.

6- **REQUIRED:** After the final adjustments, apply single drops of removable Loktite® [222R] for each of the set/cap screws and then torque the product.

MEDEX International, Inc.

User's Manual



This manual is for the following: 3T14 – 3S14 – 3A14
3S15
3T17 – 3S17 – 3A17
(Titanium, stainless steel, aluminum four-prong lamination adapters)

1- **APPLICATION:** This product is designed to be used for lower limb external prosthetic lamination applications. Before fitting this product onto the patient, all parts must be joined properly and all set screws must be secured enough for the patient to walk. In order to make final adjustments, there should be no loose screws.

2- **WEIGHT RATINGS:** The maximum patient weight ratings for each alloy of this product are:

| | | |
|--------------------|-----------------|--------------|
| 3T14 – 3T17 | Titanium | 136kg/300lbs |
| 3S14 – 3S15 – 3S17 | Stainless steel | 136kg/300lbs |
| 3A14 – 3A17 | Aluminum | 75kg/165lbs |

3- **TORQUE:** For permanent use, 8 mm SS set screws are 15 Nm
5-6 mm SS cap screws are 9 Nm

4- **WARRANTY:** All MEDEX Modular Adapters [Stainless Steel, Titanium, Aluminum] are unconditionally guaranteed for 2 years. Cutting, drilling, modifying or using the component other than described in this manual, will void the warranty.

5- **ATTENTION:**

A- Improper torque (uneven, insufficient or excessive) and installation may cause bolt or adapter failure.

B - Always select and pay attention to use quality *metric* tools.

6- **REQUIRED:** After the final adjustments, apply single drops of removable Loctite® [222R] for each of the set/cap screws and then torque the product.

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User's Manual



This manual is for the following: 2T20
2S20
2A20
(Titanium, stainless steel, and aluminum
tube clamp adapters)

1- **APPLICATION:** This product is designed to be used for lower limb external prosthetic toe direction and pylon height adjustment applications. Before fitting this product onto the patient, all parts must be joined properly and all set screws must be secured enough for the patient to walk. The pylon tube has to be pushed into this product until it sits on the adapter rim. In order to make final adjustments, there should be no loose screws.

2- **WEIGHT RATINGS:** The maximum patient weight ratings for each alloy of this product are:

| | | |
|------|-----------------|--------------|
| 2T20 | Titanium | 136kg/300lbs |
| 2S20 | Stainless steel | 136kg/300lbs |
| 2A20 | Aluminum | 75kg/165lbs |

3- **TORQUE:** For permanent use, 8 mm SS set screws are 15 Nm
5-6 mm SS cap screws are 9 Nm

4- **WARRANTY:** All MEDEX Modular Adapters [Stainless Steel, Titanium, Aluminum] are unconditionally guaranteed for 2 years. Cutting, drilling, modifying or using the component other than described in this manual, will void the warranty.

5- **ATTENTION:**

A- Improper torque (uneven, insufficient or excessive) and installation may cause bolt or adapter failure.

B - Always select and pay attention to use quality *metric* tools.

6- **REQUIRED:** After the final adjustments, apply single drops of removable Loctite® [222R] for each of the set/cap screws and then torque the product.