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TF Design

Custom check sockets without elaborate plaster casting

Information for Technicians

Reach your destination faster

Ottobock TF Design is a modern application for the customised fabrication of transfemoral check sockets. It represents an outstanding alternative to the classic plaster casting technique and helps you provide your users with high-quality fittings faster.

You have two options for socket design and ordering. You can either order the check socket using the measurement form or use the convenient software.

The advantage of the software is that you can edit and visualise all data for a check socket or interim socket in a single process. After the modifications are complete, the data are saved and sent directly to Ottobock Service Fabrication by e-mail. Based on the data you specified, Ottobock fabricates a ThermoLyn socket and sends it to you for trial fitting on the patient.

Data Station – your Ottobock software platform

The TF Design software is part of the Data Station. As a software platform, the Data Station bundles and manages all Ottobock customer applications. Adding additional components to meet your individual needs is straightforward.

In addition to the Ottobock customer applications, all patient and order data are only a click away. This reduces administrative effort and optimises your business processes.

Custom products in just a few steps with TF Design

1. Taking patient measurements
The socket shape is determined based on a few circumference and length measurements. The measurements can be entered directly in the software or entered on the measurement form. For detailed instructions and information on taking measurements, see the software instructions for use and the reverse side of the measurement form.

To take the residual limb measurements, you need the 743S10 callipers and the 743B4 spring-tensioned measuring tape as well as the 743S21 TF callipers or the 743S20 TT and TF callipers. The TF Design software can be ordered under article number 647X6.

2. Data processing
Socket design with the help of the TF Design software is done in four steps: In the first step, the patient measurements are entered and the residual limb reduction is established.

In the second step, the TF socket can be visually inspected and the shape adjusted as necessary. Suitable Ottobock socket components can be selected next.

3. Transfer to Service Fabrication
In the final step, the TF socket as well as the chosen socket components are displayed and explained one more time in a product description. Finally, the chosen articles can be ordered.

After the order is complete, the data are sent directly to Ottobock Service Fabrication by e-mail. Alternatively, the completed measurement form can be faxed to Ottobock Service Fabrication.

A TF check socket made of ThermoLyn is fabricated by Ottobock Service Fabrication according to the specified data. The chosen socket components can be preassembled as an extra service if needed. Orders are normally shipped after one working day. If Ottobock Service Fabrication receives the data by 12:00 noon, shipment is on the same working day.

Your benefits

TF Design from Ottobock helps you provide your fittings quickly, easily, efficiently and in high quality. You and your patients benefit as a result – in many different ways.

Costs:
- You eliminate elaborate plaster casting and modelling steps, vacuum forming, and when using adapters from Service Fabrication, adapter assembly as well
- This saves 4 – 5 hours

Time:
- Minimum time needed for fabrication and fast delivery allow you to use the time saved effectively
- Delivery within one working day

Quality:
- Consistently high Ottobock quality
- Approved for 6 months as an interim socket

Processing:
- Check sockets with vacuum forming adapters are optically more appealing than adapters mounted with putty

Documentation:
- Administration of patient data, residual limb statistics

Advantages for the patient:
- No unpleasant plaster casting
- Less time required
- Measuring in the hospital or at the patient's home is possible

TF Design sockets
Ordering process

1. Measure the patient's residual limb (please note the information on the back of the measurement form or the corresponding section in the Instructions for Use 647H374 of the Ottobock TF Design Software 647X6).

Now you have two options to determine the shaping of the socket:

Ordering option a:
- Enter the measurements on the measurement form

Ordering option b:
- Then enter the measurements in the software, specifying the socket shape and design which you can verify and, if required, modify on the 3D model in the software.

Please save the order and send the data to Ottobock Service Fabrication by e-mail. You may order any prosthesis components and additional services you need at the same time.

2. Ottobock Service Fabrication will fabricate the TF Design socket for you, and usually ships it within 1 working day. If the data are received by 12 noon, shipment is on the same working day.

3. You receive a check socket which meets your specifications precisely thanks to highly modern software.

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TF Design check socket
Order form (1/2)

Contact person		Customer number		Date	

Customer		Shipping address (if different from customer address)	
Company		Company	
Street		Street	
Postal code/city		Postal code/city	
Email		Phone	
Commission			

☐ Express shipping requested*
(shipment on the next working day; if the order data are received by 12:00 noon, the socket ships the same working day)

Side: ☐ Left ☐ Right **Requirements:** ☐ Check socket ☐ Positive model ☐ Check socket and positive model

Material for check socket: ☐ ThermoLyn, clear ☐ ThermoLyn, rigid ☐ ..... (article number)

Valve: ☐ Preparation only ☐ Installation **Positioning:** ☐ Medial ☐ Lateral

☐ 21Y12 Screw valve ☐ 21Y14 PushValve ☐ 21Y15 MagValve
☐ 21Y21 ClickValve ☐ 21Y96 Flat rubber valve ☐ .....
☐ 452A1=* ProSeal ProSeal ring (not glued in and recommended only in combination with the ProSeal socket type and a ProSeal liner)

Shuttle Locks/KISS:

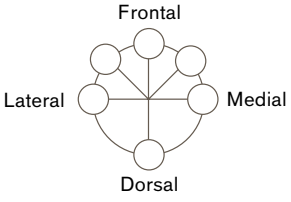
☐ 4R160=1 ☐ 4R163 ☐ 4R160=2
☐ 4R164 ☐ 6A20=10 ☐ 6A20=20
☐ 6A20=30 ☐ 6A30=10 ☐ 6A30=20
☐ SF6A60 Vacuum forming adapter with locking mechanism ☐ 6A40

Socket adapter:

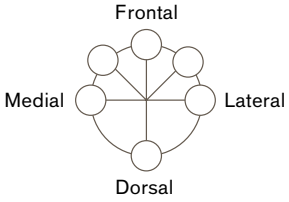
☐ SF5R10 Vacuum forming adapter without liner connection
☐ SF5R11 Vacuum forming adapter with connector for shuttle lock
☐ 5R6=*

Positioning:

Left side:



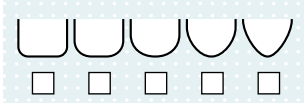
Right side:



Socket type:

☐ ICS Advanced
☐ ICS Contoured
☐ ICS Medium
☐ ICS Feminine Contoured
☐ Hybrid
☐ ProSeal (recommended especially in combination with the ProSeal ring)
☐ Quadrilateral Contoured
☐ Quadrilateral Medium
☐ Quadrilateral Feminine Contoured

Information for the socket design:
Distal end



Preparation for liner:

☐ Silikon-Gel-Liner 6Y80 Size .....
☐ ..... Size .....

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* Surcharge

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TF Design check socket
Order form (2/2)

Contact person		Customer number		Date	
Commission					

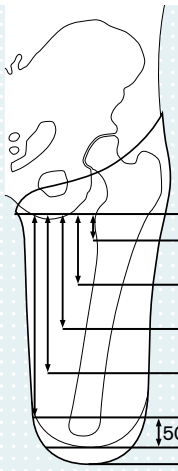
° Flexion angle

° Adduction angle

mm Bony ML measurement

mm Soft tissue ML measurement

mm Perineum AP measurement



	Distance from ischial tuberosity	Residual limb circumference	Reduced circumference	Residual limb length	Socket length
	+ 30 mm			mm	mm
	+ mm				
	+ mm				
	+ mm				
50	+ mm				

… or reduction in % ☐ 0% ☐ 1% ☐ 2% ☐ 3% ☐ 4% ☐ 5% ☐ 6% proximal

☐ 0% ☐ 1% ☐ 2% ☐ 3% ☐ 4% ☐ 5% ☐ 6% distal

Please note that using patches results in changes to the socket volume

1 ____ mm Lateral Posterior Femur Patch[1] (max. depth of 8 mm)

2 ____ mm Lateral Anterior Femur Patch[1] (max. depth of 8 mm)

3 ____ mm Lateral Trochanter Patch (max. depth of 8 mm)

4 ____ mm Lateral Posterior Distal Femur patch (max. height of 8 mm)

5 ____ mm Posterior Middle Femur Patch (max. depth of 8 mm)

6 ____ mm Medial Adductor Tendon patch[2] (max. height of 8 mm)

7 ____ mm Medial Patch[3] (max. depth of 8 mm)

8 ____ mm Anterior Patch[4] (max. height of 8 mm)

[1] not possible for ProSeal with liner and ring
[2] not possible for ProSeal with liner and ring or quadrilateral models
[2] not possible for Hybrid, ProSeal with liner and ring or quadrilateral models
[4] only available for quadrilateral models

Comments: .....

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Notes

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