

DIRECT SOCKET TF



Direct Socket TF is a socket solution for transfemoral amputees of all activity levels. With the use of the Direct Socket Materials and tools and the Össur Brim, the fabrication process is standardized. The materials are provided in material kits where each kit provides all the consumables needed to fabricate one socket. The separately ordered Össur Brim is a flexible proximal silicone brim that is available in 15 sizes.



User information

Amputation Level:	Transfemoral
Impact Level:	Low to High
Maximum Patient Weight:	166kg (365lbs)



DIRECT SOCKET
SYSTEM



WEATHERPROOF

ORDERING INFORMATION

MATERIAL KITS

Part#	Description
M-501105	Direct Socket, 5" Glass Fibers with medium distal connector, Neutral Resin
M-500107	Direct Socket, 7" Glass Fibers with medium distal connector, Neutral Resin
M-501107	Direct Socket, 7" Glass Fibers with large distal connector, Neutral Resin
M-501109	Direct Socket, 9" Glass Fibers with large distal connector, Neutral Resin
M-501115	Direct Socket, 5" Glass Fibers with medium distal connector, Black Resin
M-500117	Direct Socket, 7" Glass Fibers with medium distal connector, Black Resin
M-501117	Direct Socket, 7" Glass Fibers with large distal connector, Black Resin
M-501119	Direct Socket, 9" Glass Fibers with large distal connector, Black Resin
M-501315	Direct Socket, 5" Basalt Fibers with medium distal connector, Black Resin
M-500317	Direct Socket, 7" Basalt Fibers with medium distal connector, Black Resin
M-501317	Direct Socket, 7" Basalt Fibers with large distal connector, Black Resin
M-501319	Direct Socket, 9" Basalt Fibers with large distal connector, Black Resin



Includes:

- Glass Fiber Braids (5", 7" or 9") or Basalt Fiber Braids (5", 7" or 9")
- Resin Cartridge (400ml Neutral or Black colored)
- 2x60cm Silicone insulation sheets
- 1 Silicone Insulation Cap
- Trim Line Tape
- 2 Plastic protection sheets

DIRECT SOCKET TF

ORDERING INFORMATION

BRAID SELECTION

Refer to the following table as a recommendation of how to select the fiber braid size.

Liner size	Braid size
23.5 – 28	5"
30 – 32	5" or 7" with standard distal connector
34-42	7"*
45 - 55	9"

* Consider 7 inch braids with large distal connector during assessment of residual limb size, length and amount of soft tissue

ÖSSUR BRIM

Part#	Description	Circumference
M-FBS360	Össur Brim TF size 36	35 - 37 cm
M-FBS380	Össur Brim TF size 38	37 - 39 cm
M-FBS400	Össur Brim TF size 40	39 - 41 cm
M-FBS420	Össur Brim TF size 42	41 - 43 cm
M-FBS440	Össur Brim TF size 44	43 - 45 cm
M-FBS460	Össur Brim TF size 46	45 - 47.5 cm
M-FBS485	Össur Brim TF size 48.5	47.5 - 50 cm
M-FBS510	Össur Brim TF size 51	50 - 52.5 cm
M-FBS535	Össur Brim TF size 53.5	52.5 - 55 cm
M-FBS560	Össur Brim TF size 56	55 - 57.5 cm
M-FBS585	Össur Brim TF size 58.5	57.5 - 60 cm
M-FBS610	Össur Brim TF size 61	60 - 63 cm
M-FBS640	Össur Brim TF size 64	63 - 66 cm
M-FBS670	Össur Brim TF size 67	66 - 69 cm
M-FBS700	Össur Brim TF size 70	69 - 72 cm

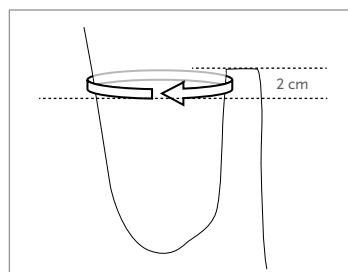


Fig. 1

BRIM SIZE SELECTION

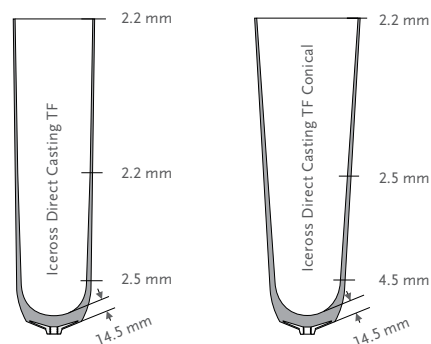
1. Measure the circumference 1-2 cm below the level of ischial tuberosity (see fig.1)
2. Select the correct brim size from the table above.

Note. If the circumference is between two sizes, select the larger size. If the brim will be placed high on the lateral side, think of selecting one size larger.

Note. Össur Brims available through Össur Solutions program as part of Direct Socket TF.

ICEROSS® CASTING LINER TF

User Information	
Amputation Level:	Transfemoral
Liner information	
Size Standard:	25,26.5,28,30,32,34,36,38,40,42,45,50,55
Size Conical:	23.5,25,26.5,28,30,32,34,36,38,40,42



SUSPENSION METHOD



LOCKING

PART NUMBER INFORMATION - ICEROSS CASTING LINER TRANSFEMORAL

Part#	Profile	Suspension Method	Matrix
I-09FLXX	Standard 2mm	Locking	Full Length
I-09FLCXX	Conical 3mm	Locking	Full Length

DIRECT CASTING LINER WALL MOUNT

The Direct Socket Wall Mount is specifically made to keep the Iceross Direct Casting Liners, the Icecast Pump and Bladder at hand in a room setup for Direct Socket fabrication. The wall mount item is made by order only.

Part#	Description
ODC10000	Direct Socket Wall Mount



DIRECT SOCKET TOOL KIT



Direct Socket Tool Kit provides the prosthetist with the tools to consistently make a reliable socket using the Direct Socket system. The toolkit includes the Icecast bladder and pump, a single chamber pressure-casting system designed to distribute pressure to shape soft tissue during casting. The pressure-casting system loads the residual limb, eliminating the need for modification of the resultant socket shape. A reinforcing matrix makes the chamber durable, and controls elongation.



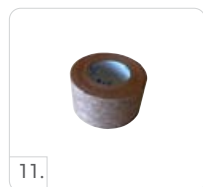
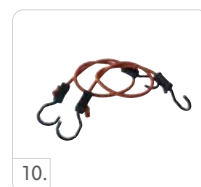
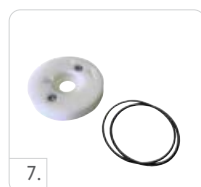
Part#	Description
M-500300	Direct Socket Tool Kit

Includes:

- Icecast Pump
- Icecast Bladder
- Icecast Case
- Resin Injection Tools (200ml and 400ml)
- Distal Attachment Tool
- Tape Ring Kits (Standard and Large)
- Lanyard Cord
- Relief Pads EVA
- Sheet straps
- Brim Tape

DIRECT SOCKET TOOLS AND TOOL KIT SPARE PARTS

Picture#	Part#	Description
1.	D-040510	Icecast Pump
2.	D-040520	Icecast Bladder
3.	M-400201	Resin Injection Tool, 200 ml
3.	1950504	Resin Injection Tool, 400 ml
4.	D-040532	Distal Attachment Tool for Direct Socket
5.	D-040534	Distal Attachment Tool for Plaster Casting
6.	D-040552	Tape Ring Kit - Standard
7.	D-040553	Tape Ring Kit - Large
8.	M-100001	Relief Pads EVA
9.	M-500330	Trolley for Icecast Case
10.	M-110011	Sheet straps
11.	M-100120	Brim Tape /
12.	ODC20011	Sheet applicator, small
13.	ODC20012	Sheet applicator, large



DIRECT SOCKET MATERIALS

FIBER BRAIDS

Part#	Description
M-100605	4 in Basalt Fibers with small distal connector
M-100650	4 in Basalt Fibers with small distal connector 10 pcs
M-100601	5 in Basalt Fibers with medium distal connector
M-100610	5 in Basalt Fibers with medium distal connector 10pcs
M-100602	7 in Basalt Fibers with medium distal connector
M-100620	7 in Basalt Fibers with medium distal connector 10pcs
M-100603	7 in Basalt Fibers with large distal connector
M-100630	7 in Basalt Fibers with large distal connector 10pcs
M-100604	9 in Basalt Fibers with large distal connector
M-100640	9 in Basalt Fibers with large distal connector 10pcs
M-100101	5 in Glass Fibers with medium distal connector
M-100301	4 in Glass Fibers with small distal connector
M-100310	4 in Glass Fibers with small distal connector 10 pcs
M-100110	5 in Glass Fibers with medium distal connector 10pcs
M-100201	7 in Glass Fibers with medium distal connector
M-100210	7 in Glass Fibers with medium distal connector 10pcs
M-100302	7 in Glass Fibers with large distal connector
M-100320	7 in Glass Fibers with large distal connector 10pcs
M-100303	9 in Glass Fibers with large distal connector
M-100330	9 in Glass Fibers with large distal connector 10pcs
M-100401	5 in Carbon Fibers with medium distal connector
M-100410	5 in Carbon Fibers with medium distal connector 10pcs
M-100501	7 in Carbon Fibers with medium distal connector
M-100510	7 in Carbon Fibers with medium distal connector 10pcs
M-100301L	4 in Glass fibers with small distal connector - 70cm*
M-100101L	5 in Glass fibers with medium distal connector - 70 cm*
M-100201L	7 in Glass fibers with medium distal connector – 70*
M-100302L	7 in Glass fibers with large distal connector - 70 cm*
M-100303L	9 in Glass fibers with large distal connector - 70 cm*
M-100605L	4 in Basalt fibers with small distal connector - 70cm*
M-100601L	5 in Basalt fibers with medium distal connector - 70 cm*
M-100602L	7 in Basalt fibers with medium distal connector - 70 cm *
M-100603L	7 in Basalt fibers with large distal connector - 70 cm *
M-100604L	9 in Basalt fibers with large distal connector - 70 cm *

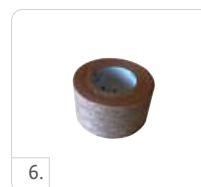
*not a stock item, made by order only



DIRECT SOCKET MATERIALS

OTHER MATERIALS

Picture#	Part#	Description
1.	M-300201	Resin Cartridge 200ml Neutral
1.	M-300211	Resin Cartridge (10pcs) 200ml Neutral
1.	M-300202	Resin Cartridge 200ml Black
1.	M-300212	Resin Cartridge (10pcs) 200ml Black
1.	M-300401	Resin Cartridge 400ml Neutral
1.	M-300411	Resin Cartridge (10pcs) 400ml Neutral
1.	M-300402	Resin Cartridge 400ml Black
1.	M-300412	Resin Cartridge (10pcs) 400ml Black
2.	M-400100	Silicone Insulation Sheets small, 30m
2.	M-400101	Silicone Insulation Sheets 30m
2.	M-400103	Silicone insulation Sheets large 30m
3.	M-400206	Bottom Seal for Direct Socket
4.	M-400300	Silicone Insulation Sheet small, 2x60cm
4.	M-400301	Silicone Insulation Sheet, 2x60cm
4.	M-400303	Silicone insulation sheet large, 2x60cm
5.	M-200161	Silicone Insulation Cap
5.	M-400102	Silicone Insulation Caps, 10 pcs
5.	M-200162	Silicone insulation cap, large
5.	M-400112	Silicone insulation caps large, 10 pcs
6.	M-100120	Brim Tape
	M-110004	Protection sheet roll



DIRECT SOCKET MATERIALS

COMPONENTS

Össur recommends that the following products are used in conjunction with the Direct Socket System.

Picture#	Part#	Description
1.	L-661000	600 Modular Spacer for Icelock 600 Series*
2.	L-621100	Icelock Ratchet 621 Adaptation Kit
3.	L-631100	Icelock Lanyard 631 Adaptation Kit
4.	L-651100	Icelock Smooth 651 Adaptation Kit

*Must be used with Icelock® 600 series.

Picture#	Part#	Description
5.	L-551002	Icelock Expulsion Valve 551*
6.	L-552000	Icelock Expulsion Valve 552
7.	L-544050	Icelock 544 Direct Socket Adapter Plate**
8.	L-544521	Icelock 544 Plate Expulsion**
8.	L-544511	Icelock 544 Plate Unity**

* To be used with Cushion liners; ** To be used with Seal-In liners

Picture#	Part#	Description
9.	A-242500	4-Hole Female Pyramid with 20/20 Offset
10.	A-242510	4-Hole Female Pyramid 20/20 Offset 10R
11.	A-242520	4-Hole Female Pyramid 20/20 Offset 10L

Picture#	Part#	Description
12.	L-214100	Icelock Clutch 4H 214 for Direct Socket System
13.	L-562400	Icelock 562 Unity for Direct Socket*
14.	L-562410	Icelock 562 passive Vacuum for Direct Socket*

* To be used with Iceross Seal-In X Locking liner

** Fresh Waterproof



DIRECT SOCKET MATERIALS

Picture#	Part#	Description	
15.	A-282440	Flexion Plate - 4-hole with 20° rotation (+/-10°) and 36mm threaded. 45mm offset 10 degrees flexion	
16.	A-282460	Flexion Plate - 4-hole with 20° rotation (+/-10°) and 36mm threaded. 60mm offset 10 degrees flexion	
17.	A-282470	Flexion Plate - 4-hole with 20° rotation (+/-10°) and 36mm threaded. 75mm offset 15 degrees flexion	

Picture#	Part#	Description
n/a	A-964410	Screw kit for Flexion Plates used with Direct Socket and Icelock 600
n/a	A-964420	Screw kit for Flexion Plates used with Direct Socket and Icelock 850

