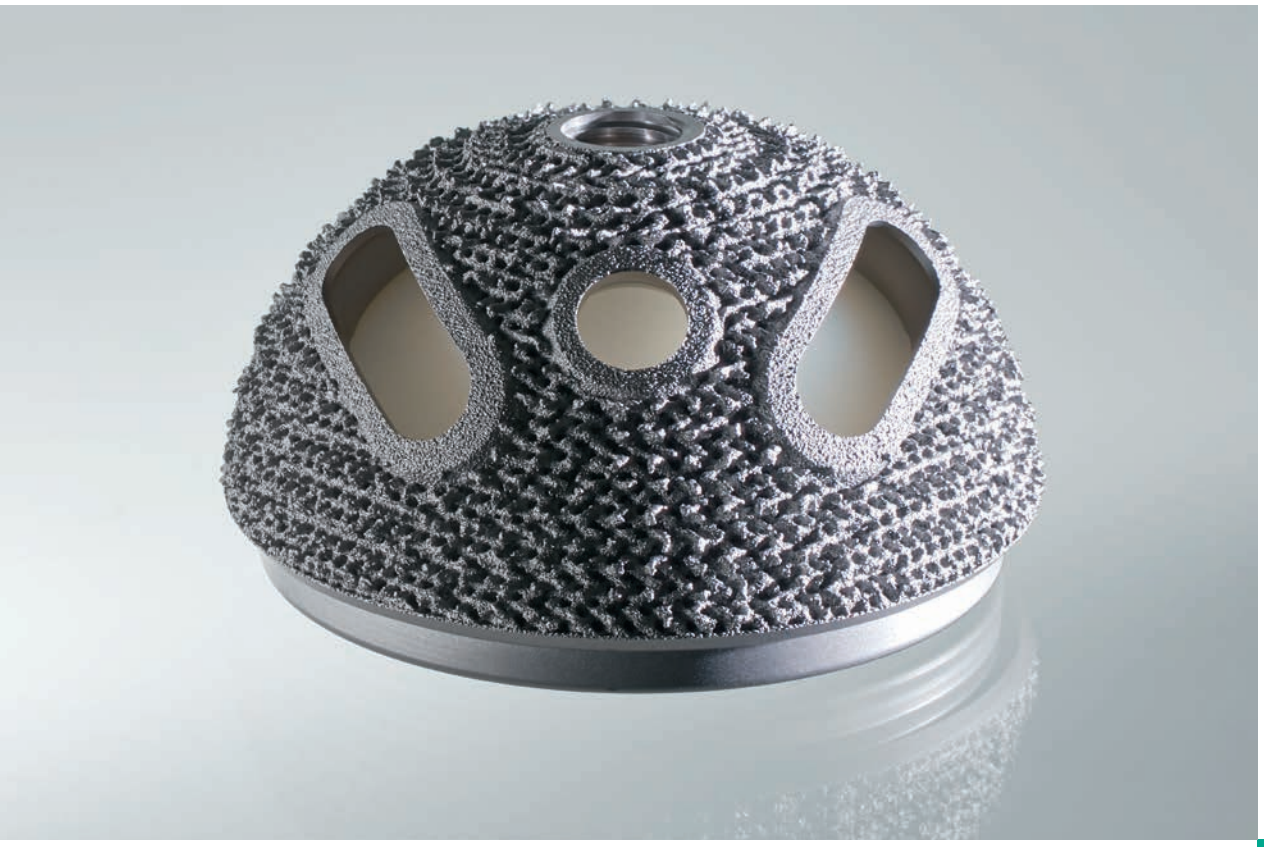
B BRAUN
SHARING EXPERTISE



ORTHOPAEDIC SURGERY

AESCULAP® Plasmafit® REVISION

CEMENTLESS REVISION ACETABULAR CUP SYSTEM

AESCULAP® Plasmafit® REVISION

CEMENTLESS REVISION ACETABULAR CUP SYSTEM

CONTENTS

AESCULAP® Plasmafit® REVISION

Plasmafit® Family

The AESCULAP® Plasmafit® Family reflects a comprehensive solution for primary hip joint replacement.
Based on the properties of the materials and instruments, Plasmafit® Revision has joined the family and continues the system concept.

Various polyethylene bearing options are available based on the proven Vitelene®, a highly crosslinked polyethylene with vitamin E, including special revision liners. In addition, Dual Mobility liners provide additional joint stability.

ACETABULAR SOLUTIONS

Plasmafit® Revision

is an acetabular cup system for both primary treatment and revisions of differently located acetabular defect situations.

The hemispherical shape and the laser-sintered titanium structure of the acetabular cup provide high primary stability. To achieve good stability for larger acetabular defects, the design has a total of five options for anchoring screws.

In addition, Structan® Augments can be combined with the Plasmafit® Revision cup for treating larger defects.

The AESCULAP® acetabular components address solutions for defect filling that permit stable anchoring in the bony situation.

AESCULAP®
REVISION TREATMENT

AESCULAP® Plasmafit® REVISION

2 | SYSTEM

Characteristics

- ✓ High grip thanks to very rough, laser-sintered titanium surface
- ✓ Cup design offering several options for screw anchoring
- ✓ Two cranial oblong holes for greater flexibility of screw fixation
- ✓ The hex connection offers rotational stability during cup implantation
- ✓ Roughened surface of inner cone for rotationally stable liner fixation

Combinations

- ✓ Vitelene® highly crosslinked polyethylene liners with vitamin E
- ✓ Six liner options for individual fitting solutions
- ✓ Free 360° positioning of the liners
- ✓ Fixation screws ø 6.5 mm
- ✓ Combination with Structan® Augments

REVISION SOLUTION OF THE Plasmafit® FAMILY

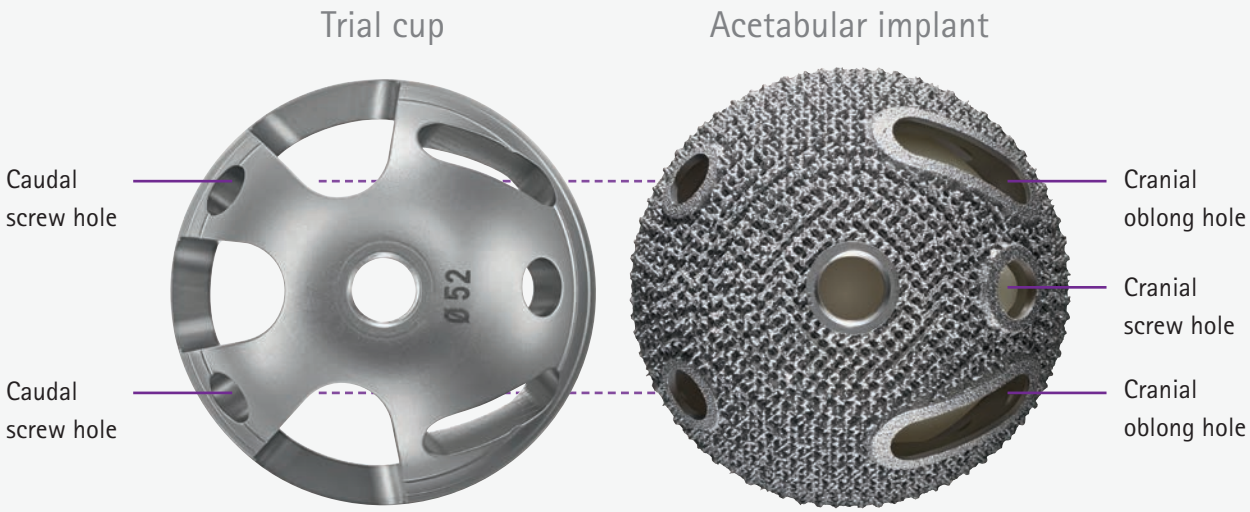
Instrument Concept

Based on the consistent instrumentation concept of the primary Plasmafit® acetabular cup, Plasmafit® Revision takes the idea of smart instrumentation further. Only a few additional specific instruments are required for implanting Plasmafit® Revision. This contributes to a simplified procedure in the upstream and downstream processes as well as during surgery.

In particular the revision trial cups have an optimized design compared to the primary trial cups.

The revision trial cup permits:

- checking the stability by a slight oversize compared to the reamer,
- checking the bony bridging bed,
- the check of the impaction depth and bone characterics by the open design,
- and the planning of the screw positioning using single and oblong holes.



AESCULAP® Plasmafit® REVISION

3 | SURFACE

Plasmafit® Revision Outer Geometry

- ✓ High primary implant stability (1)
- ✓ Spherical outer shape
- ✓ Equatorial pressfit of 1.5 mm

The external Plasmafit® Revision shape is spherical with a dome flattening of 0.5 mm.

The equatorial pressfit is 1.5 mm. This results in primary cup stability in different bone qualities.

A trial cup is used to check the intraoperative stability and determine the diameter of the final implant. The trial cup has a slight oversize of 0.5 mm compared to the reamer.

(1) Aesculap AG, Test Report V2008, Axial Disassembly Force in PU-Foam adapted from Lin et al. 2006 for Plasmafit® Revision Structan® size C 44 mm NV944T and Plasmafit® Plus size C 44 mm NV344T, 2019.
Plasmafit® Revision cup was compared to Plasmafit® Plus cup system in regards to primary stability in a custom test set up by measuring the axial disassembly force.

ADDITIVE SURFACE TECHNOLOGY

Plasmafit® Revision Structure

- ✓ Additive titanium surface
- ✓ Laser-sintering process
- ✓ Improved osteointegration

The profile structure of the Plasmafit® Revision cup surface is characterized by a special, very rough Structan® titanium structure. The Structan® grid structure has a pore size of approx. 800 µm and a porosity of up to 52 %.

The structure is produced by an additive 3D printing process. This laser-sintering process permits precise and continuous shaping of the porous and dense implant design structures. The surface structure thus offers good primary and secondary stability and in that way supports osteointegration.

AESCULAP® Plasmafit® REVISION

Plasmafit® Revision Screw Fixation

- ✓ Oblong hole for one or two screws
- ✓ Flexibility in screw positioning
- ✓ Option of single hole screw placement

Plasmafit® Revision has three single-hole screw holes and two oblong holes. The oblong holes provide greater flexibility in positioning screws, as they can optionally be used with two fixation screws each.

For the fixation of the Plasmafit® Revision cup in the acetabulum there are cancellous bone anchoring screws with a ø of 6.5 mm having a length range of 16 - 68 mm, in 4 mm increments.

ADDITIONAL FIXATION

Plasmafit® Revision with Structan® Augment

- ✓ Acetabular defect filling
- ✓ Stable grid structure
- ✓ High surface roughness

Bone defects can exceed the shape and size of the dimension of the revision cup. For stable anchoring and to bridge larger defects, an acetabular Structan® Augment can be additionally implanted.

Structan® Augments consist of a titanium alloy and permit the filling of defects, providing a stable grid structure and high surface roughness. The augments are adapted to the diameter of the Plasmafit® Revision cup. The diameter of the revision cup should be within a range of ±4 mm of the size of the selected Structan® Augment.

For further information on the Structan® Augments, please refer to the surgical technique 046302.

AESCULAP® Plasmafit® REVISION

5 | INNER GEOMETRY & LINER ANCHORING

Plasmafit® Revision Inner Geometry

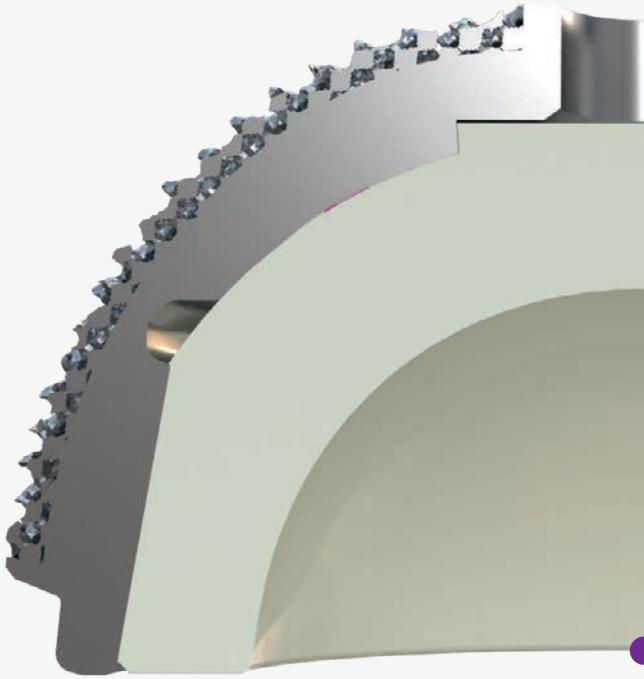
The design of the Plasmafit® Revision inner geometry permits an intraoperative selection of modular liners made of Vitelene® as well as Dual Mobility liners. In the standard liners (symmetrical and posterior wall), the center of rotation is located exactly in the area of the cup entrance. In the revision liners symmetrical +4 mm, the center of rotation is offset by 4 mm.

The liners are securely supported by the rounded rim of the titanium shell.

Plasmafit® Revision cups can only be combined with Vitelene® liners or Plasmafit® Dual Mobility components.

NOTE

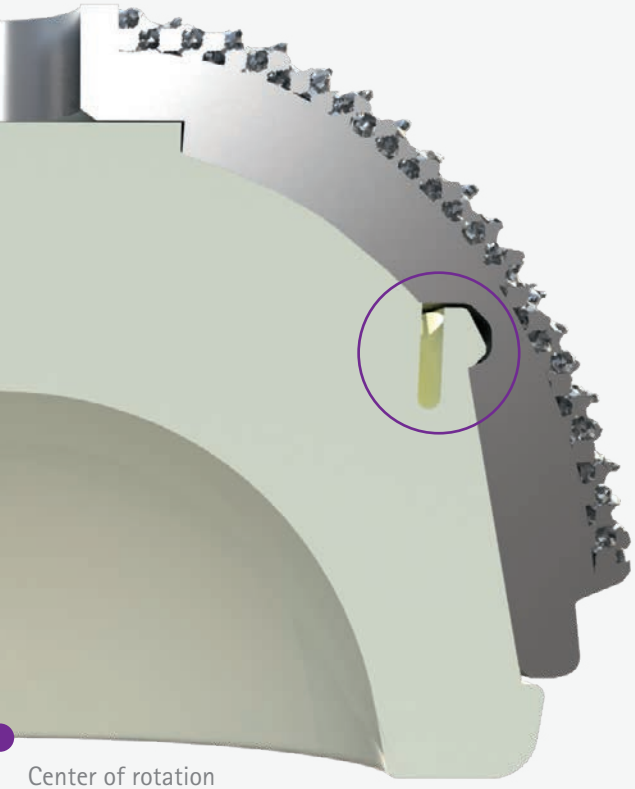
Plasmafit® Revision may not be combined with ceramic liners.



Center of rotation
Symmetrical liner

The central insertion instrument contributes to the rotational stability of the trial cup and cup implant

CONICAL ANCHORING MECHANISM



Center of rotation
Symmetrical +4 mm liner

Plasmafit® Revision Liner Anchoring

Large-area conical fixation in the cone area of the cup is used to anchor the Plasmafit® Revision liners. The rough titanium inner surface reduces relative movements of the liner to a few micrometers.

The conical fixation surface area of the Plasmafit® Revision polyethylene liners also forms a seal against the migration of polyethylene particles from the articulating joint, thus reducing the risk of an osteolysis adjacent to the screw holes.

The Vitelene® Revision liners have a special geometrical shape with a snap connection. This enables mechanical fixation in the Plasmafit® Revision cup. The snap mechanism consists of the protruding snap lip at the upper end of the conical area of the liner and a small gap. The geometry of the inner cup reflects this protruding rim. This snap connection provides the revision liner with an additional anchoring option. The small gap / recess at the cup entrance plane is used to remove the liner in case of a revision.

AESCULAP® Plasmafit® REVISION

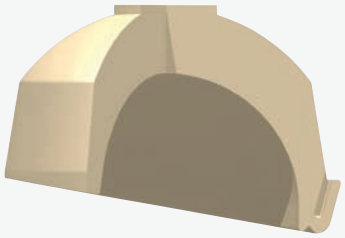
6 | BEARING OPTIONS

Liner Options

Plasmafit® can be used with Vitelene® liners or with the special modular Dual Mobility liner.
Special Vitelene® Revision liners are available for revision.

STANDARD LINERS

SYMMETRICAL
Standard reconstruction



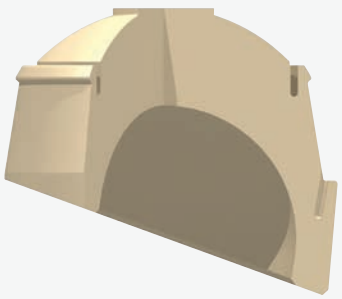
ASYMMETRICAL 10°
Correction of the cup position by 10°

WITH SHOULDER
Higher luxation stability, e. g. direction posterior for posterior approach

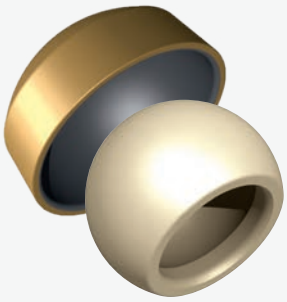
REVISION LINERS

Revision liners have a snap mechanism.

SYMMETRICAL +4 MM
Correction of the center of rotation



ASYMMETRICAL 20°
Correction of the cup position by 20°



Plasmafit® DUAL MOBILITY
Modular cobalt-chromium liner and Vitelene® Dual Mobility Head

For more information, refer to Plasmafit® Dual Mobility Brochure 047702.

Vitelene®

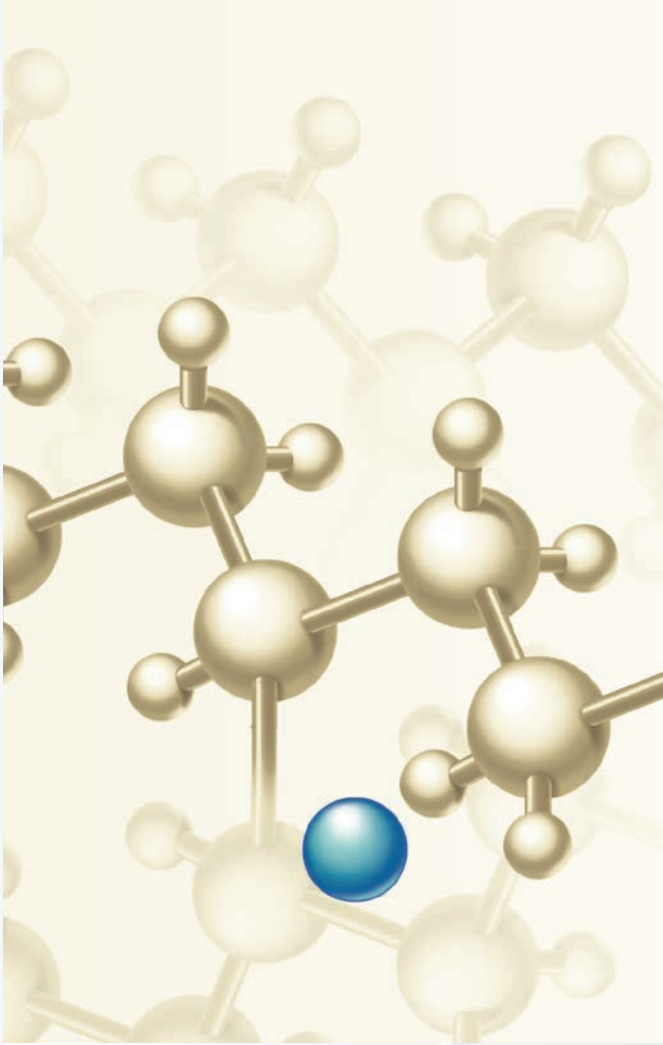
The cup design of Plasmafit® Revision is designed for the use of polyethylene inserts. It offers the use of Vitelene® liners.

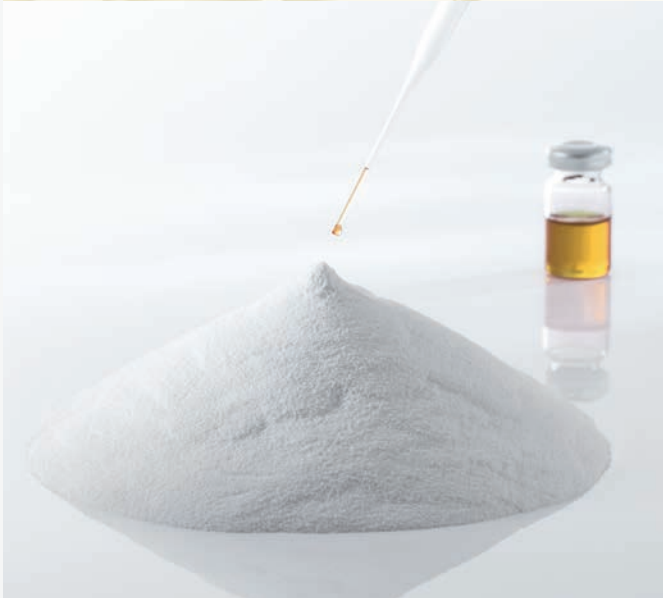
Vitelene® is a highly crosslinked polyethylene with vitamin E stabilization. In addition to its resistance to abrasion and oxidation, Vitelene® is also characterized by balanced mechanical properties, thus representing the current standard of highly crosslinked polyethylene for hip endoprosthetics.

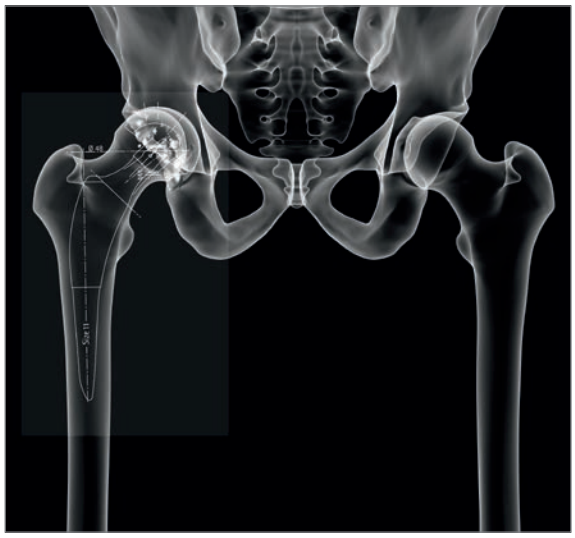
For manufacturing purposes, GUR1020 polyethylene powder mixed with vitamin E (0.1 % alpha-tocopherol) is pressed into sheets and then crosslinked as a blank using 80 kGy electron radiation. Implants manufactured using CNC technology are sterilized using ethylene oxide and packed in a nitrogen atmosphere.

The vitamin E proportion / percentage in Vitelene® is present in sufficient quantity to prevent oxidative reactions and to greatly reduce abrasion over the service life of the endoprosthesis.

Oxidation results in the degradation of polyethylene. Vitamin E binds free radicals by releasing H atoms. In this way, it supports the resistance of polyethylene to oxidative processes and protects the cup liner over the lifetime of the endoprosthesis by providing long-term protection against oxidation.



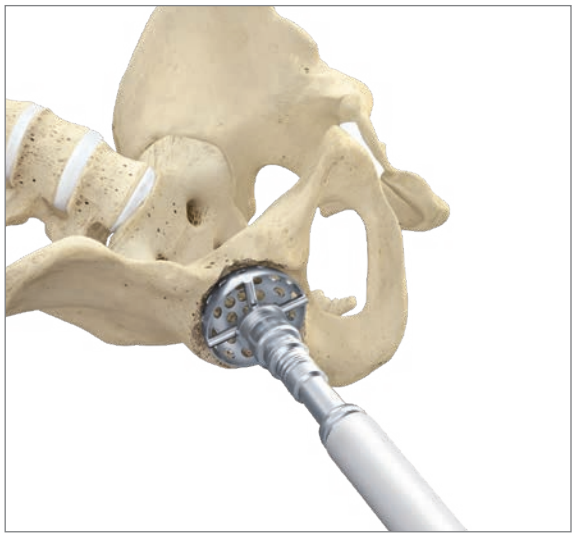




Preoperative Planning

Preoperative planning in hip revision is recommended to support in assessing the patient's anatomy, and in determining the cup size and desired position for anchoring the acetabular cup.

X-ray templates for Plasmafit® Revision can be used for manual planning or for 2D or 3D planning software. The scale of the x-ray template is 1.15:1.



Preparation of the Acetabulum

The acetabulum should be exposed to provide a sufficient overview. The previous implant has to be removed. Then an overview of the bony situation has to be obtained. To prepare the bone, check the acetabulum for cavitary and/or segmental defects.

The bone has to be refreshed after the primary cup has been removed, often sclerotic bone conditions are present. A new bone bed has to be prepared for the typically larger revision implant to achieve adequate anchoring.

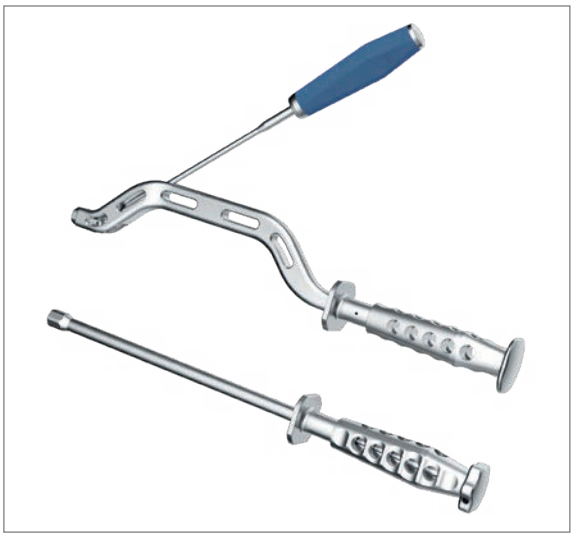
Spherical reamers driven by a low-speed motor handpiece are used for the preparation of the Plasmafit® Revision. It is recommended to start with a smaller diameter of the acetabular reamer than the size determined during preoperative planning and then gradually increase the diameter.

In case of dysplastic changes, a cup position in the area of the primary cup is recommended if a leg difference can be compensated. The caudal edge of the cup should be at the level of the tear drop. If necessary, cranial filling using bone grafting material can be performed to ensure an adequate cranial acetabular roof. This shall be completed before the preparation of the bony bed.

Trial Cup Insertion

The nominal size of the Plasmafit® Revision implant matches the size of the last acetabular reamer used, as the pressfit oversize is included in the implant. It is recommended to make the final implant selection only after using a trial cup.

A straight and a curved insertion instrument are available.

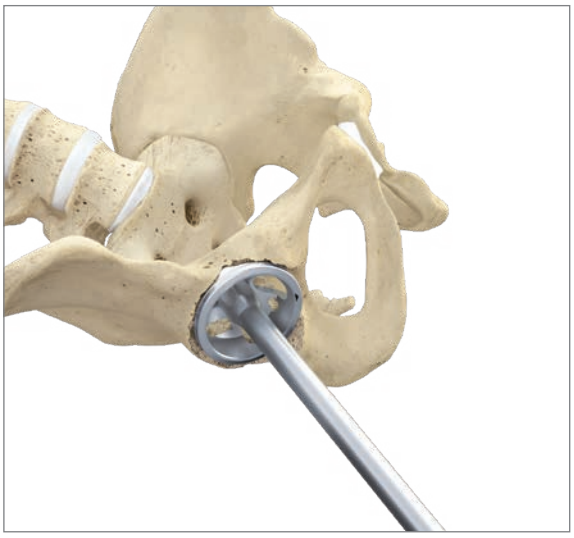


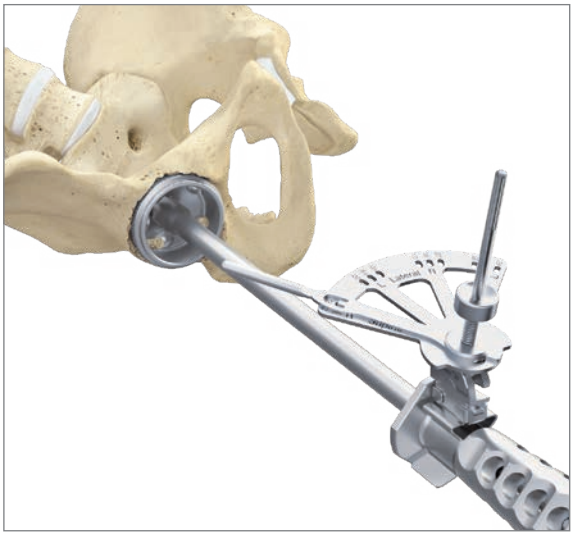
Plasmafit® Revision Implantation

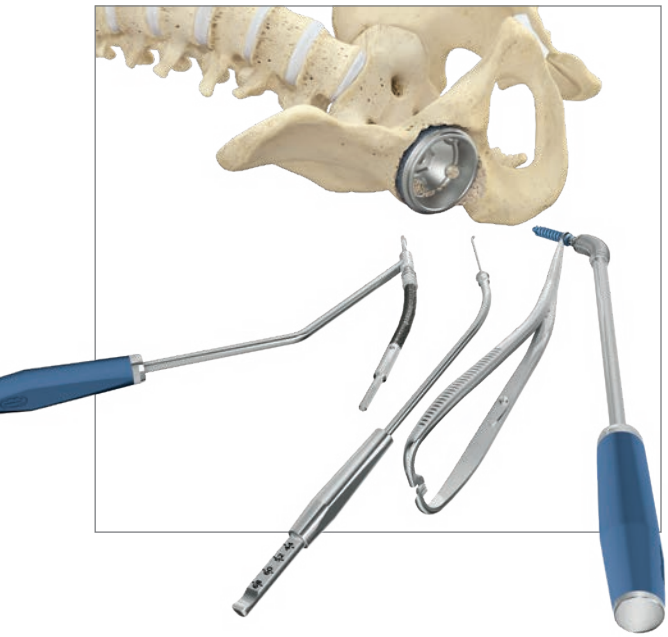
The final Plasmafit® Revision cup implant is fixed to the insertion instrument. The secure fit of cup and instrument has to be checked. The insertion instrument can also be used to reposition and correct the position of the Plasmafit® Revision implant.

Depending on the patient's position, an aiming device for surgery in the supine or lateral position can be used to position the implant.

If the bone quality permits, the laser marking in form of an arrow on the implant (▶) should be aligned in the direction of the incisura acetabuli. If this is not possible, at least in an anterior-inferior position. In this way, the single and the oblong holes can be brought into an adequate position in the acetabulum.
The position of the cup defines the implantation process and is aiming at an inclination of 40 to 45° and an anteversion of 15 to 20°. The orientation depends on the bone quality and the degree of defect.







Plasmafit® Revision with Additional Screw Fixation

Plasmafit® Revision offers various options for anchoring screws. Plasmafit® Revision has three screw holes in the cranial area, thereof two oblong holes, and two single screw holes in the caudal area. The oblong holes can be used with either one or two screws.

Before the self-tapping cancellous bone screw (ø 6.5 mm) is inserted, the screw holes are prepared using a flexible drill bit (ø 3.2 mm). The drill guide can be used to ensure that the screw hole is drilled at the correct position and the screw head can be completely countersunk. After measuring the required screw length, a screw holding forceps and a cardan screwdriver facilitate the screw implantation.

NOTE

When drilling the screw holes and inserting the screws, it has to be ensured that the drilling/screw is not inserted into the inner pelvic cortex.

Use a drill guide to ensure that the screw holes are correctly placed. The screw heads may not protrude, as that would prevent the liner from being firmly seated.

Insert anchoring screws all the way into the drill hole to avoid any contact of the liner and the screw head.

Ensure that the screw heads fit properly. If possible, screw perpendicular to the wall of the cup into the oblong hole to preclude the screw head from protruding beyond the screw hole boundary. Keep the angle between the screw axis and the axis of the oblong hole < 9°.

Then, insert a trial liner. The final selection of the modular liner is only made after a final trial reduction.

Plasmafit® Revision with Trial Liner

Various trial liners are optionally available for testing the functionality of the joint. For Plasmafit® Revision different trial liners and additional special revision trial liners are available.
Removal forceps can be used to remove the trial liners from the cup.

NOTE (for the 20° trial liners)
The slot of the trial liner should be oriented towards the laser-marking on the rim of the cup.

Plasmafit® Revision with Vitelene® Liners

After successful reduction using trial liners, the matching liner is inserted into Plasmafit® Revision. The cup insertion instrument and plastic head in the selected head diameter size are used to implant the liner. Then the final joint reduction using the implanted liner is performed and subsequently the correct fit of the liner is checked again with the fingertip.

When using a 20° revision liner, the finger tip is moved over the liner lip that is closest to the rim of the cup. If the liner is not yet seated properly, it has to be secured by an additional impulse. As with the trial liners, the 20° revision liner has an orientation guide in the form of the x-ray marker. It should point in the direction of the laser marking on the rim of the cup.

When using the symmetrical +4 mm liner, the screw length gauge can be used to check the correct fit of the liner. If there is no gap between the liner and the rim of the cup, the tip of the measuring instrument cannot slip under the rim of the liner. That means, the liner is in its proper position.

AESCULAP® Plasmafit® REVISION

Plasmafit® Revision Implants

Cup size		44	46	48	50	52	54	56
Liner size		C	D	E	F	G	H	I
Plasmafit® Revision	Structan®	NV944T	NV946T	NV948T	NV950T	NV952T	NV954T	NV956T
symmetrical 	ø 22.2 mm	NV184E	-	-	-	-	-	-
	ø 28 mm	NV189E	NV190E	NV191E	NV192E	NV193E	NV194E	NV195E
	ø 32 mm	-	-	NV201E	NV202E	NV203E	NV204E	NV205E
	ø 36 mm	-	-	-	-	NV213E	NV214E	NV215E
	ø 40 mm	-	-	-	-	-	-	NV225E
with shoulder 	ø 22.2 mm	NV284E	-	-	-	-	-	-
	ø 28 mm	NV289E	NV290E	NV291E	NV292E	NV293E	NV294E	NV295E
	ø 32 mm	-	-	NV301E	NV302E	NV303E	NV304E	NV305E
	ø 36 mm	-	-	-	-	NV313E	NV314E	NV315E
asymmetrical 10° 	ø 22.2 mm	NV384E	-	-	-	-	-	-
	ø 28 mm	NV389E	NV390E	NV391E	-	-	-	-
	ø 32 mm	-	-	NV401E	NV402E	NV403E	NV404E	NV405E
	ø 36 mm	-	-	-	-	NV413E	NV414E	NV415E

Vitelene®

58	60	62	64	66	68	70	72
J	J	J	K	K	K	K	K
NV958T	NV960T	NV962T	NV964T	NV966T	NV968T	NV970T	NV972T
-			-				
-			-				
NV206E			NV207E				
NV216E			NV217E				
NV226E			NV227E				
-			-				
-			-				
NV306E			NV307E				
NV316E			NV317E				
-			-				
-			-				
NV406E			NV407E				
NV416E			NV417E				

AESCULAP® Plasmafit® REVISION

Vitelene® Revision Liners

Cup size		44	46	48	50	52	54	56
Liner size		C	D	E	F	G	H	I
Plasmafit® Revision	Structan®	NV944T	NV946T	NV948T	NV950T	NV952T	NV954T	NV956T
symmetrical +4 mm 	ø 28 mm	NV589E	NV590E	NV591E	-	-	-	-
	ø 32 mm	-	-	NV601E	NV602E	NV603E	NV604E	NV605E
	ø 36 mm	-	-	-	-	NV613E	NV614E	NV615E
asymmetrical 20° 	ø 28 mm	NV489E	NV490E	NV491E	-	-	-	-
	ø 32 mm	-	-	NV501E	NV502E	NV503E	NV504E	NV505E
	ø 36 mm	-	-	-	-	NV513E	NV514E	NV515E

Vitelene®

Dual Mobility Liners

Dual Mobility Liner 		-	NV1010Z	NV1011Z	NV1012Z	NV1013Z	NV1014Z	NV1015Z
Dual Mobility Head 	ø 22.2 mm	-	NV1030E	NV1031E	NV1032E	-	-	-
	ø 28 mm	-	-	-	-	NV1043E	NV1044E	NV1045E

ISODUR®$_F$

Vitelene®

UHMWPE Polyethylene Liners

symmetrical	ø 32 mm	-	-	NV201	NV202	NV203	NV204	NV205
with shoulder	ø 28 mm	NV289	NV290	-	-	-	-	-
	ø 32 mm	-	-	NV301	NV302	NV303	NV304	NV305

UHMWPE

58	60	62	64	66	68	70	72
J	J	J	K	K	K	K	K
NV958T	NV960T	NV962T	NV964T	NV966T	NV968T	NV970T	NV972T
-			-				
NV606E			NV607E				
NV616E			NV617E				
-			-				
NV506E			NV507E				
NV516E			NV517E				
NV1016Z			NV1017Z				
-			-				
NV1046E			NV1047E				
NV206			NV207				
-			-				
NV306			NV307				

AESCULAP® Plasmafit® REVISION

Ceramic – prosthesis heads

12/14

Diameter	Art. no.				
	ø 22.2 mm	ø 28 mm	ø 32 mm	ø 36 mm	ø 40 mm
S	-	NK460D	NK560D	NK650D	NK750D
M	-	NK461D	NK561D	NK651D	NK751D
L	-	NK462D	NK562D	NK652D	NK752D
XL	-	-	NK563D	NK653D	NK753D

Biolox® delta

12/14

Diameter	Art. no.				
	ø 22.2 mm	ø 28 mm	ø 32 mm	ø 36 mm	ø 40 mm
S	-	NK324	NK424	NK524	-
M	-	NK325	NK425	NK525	-
L	-	NK326	NK426	NK526	-
XL	-	-	NK427	NK527	-

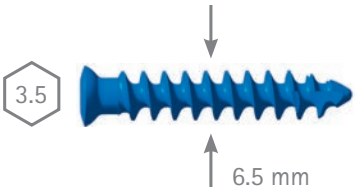
Isocer®

Metal – prosthesis heads

12 / 14

Diameter	Art. no.				
	ø 22.2 mm	ø 28 mm	ø 32 mm	ø 36 mm	ø 40 mm
S	-	NK429K	NK529K	NK669K	NK769K
M	NK330K	NK430K	NK530K	NK670K	NK770K
L	NK331K	NK431K	NK531K	NK671K	NK771K
XL	-	NK432K	NK532K	NK672K	NK772K
XXL	-	NK433K	NK533K	NK673K	NK773K

ISODUR®$_F$



Fixation screws ø 6.5 mm

16 mm	20 mm	24 mm	28 mm	32 mm	36 mm	40 mm
NV010T	NV011T	NV012T	NV013T	NV014T	NV015T	NV016T
44 mm	**48 mm**	**52 mm**	**56 mm**	**60 mm**	**64 mm**	**68 mm**
NV017T	NV018T	NV019T	NV020T	NV021T	NV022T	NV023T

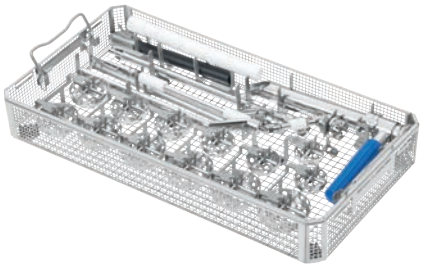
ISOTAN®$_F$

Implant materials:

Biolox® delta	Aluminum oxide matrix ceramic (Al_2O_3 / ZiO_2 / ISO 6474-2)
Isocer®	Aluminum oxide matrix ceramic (Al_2O_3/ZrO_2/ISO 6474-2)
ISODUR®$_F$	Cobalt-chromium forged alloy (CoCrMo / ISO 5832-12)
ISOTAN®$_F$	Titanium forged alloy (Ti6Al4V / ISO 5832-3)
Structan®	TI6AI4V ELI in accordance with ASTM F3001 and on the basis of ASTM F136
UHMWPE	Ultra high molecular weight low pressure polyethylene (ISO 5834-2)
Vitelene®	UHMWPE-XE Vitamin E stabilized highly crosslinked polyethylene

AESCULAP® Plasmafit® REVISION

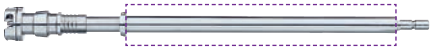
Acetabular Reamer



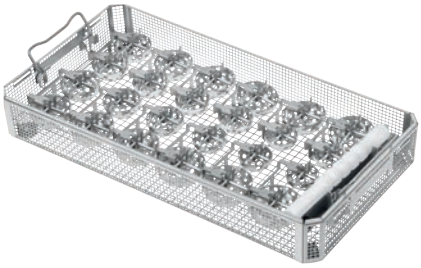
TRAY NF932R
485 x 253 x 76 mm

With supports for:	Art. no.
13 reamers, two straight and one curved reamer shank	
OrthoPilot® Navigation sleeve	FS939
Standard protection sleeve	FS974

Lid JH217R
489 x 257 mm
Packing template TE895



Straight reamer shanks	Art. no.
Reamer shank ZIMMER	FS959R
Reamer shank Harris	FS960R
Reamer shank AO	FS961R
OrthoPilot® Navigation sleeve	FS939
Standard protection sleeve	FS974



TRAY NF933R
485 x 253 x 76 mm

With supports for:	Art. no.
24 reamer attachments and two straight reamer shafts	
OrthoPilot® Navigation sleeve	FS939
Standard protection sleeve	FS974

Lid JH217R
489 x 257 mm

Recommended container JK440
592 x 274 x 90 mm
Lid JK489

Curved reamer shanks	Art. no.
Reamer shank ZIMMER	NF995
Reamer shank Harris	NF996
Reamer shank AO	NF997

Tray for one curved reamer shank NF993R

FULL PROFILE REAMERS

Outer diameter	Art. no.
ø 38 mm	NF938R
ø 40 mm	NF940R
ø 42 mm	NF942R
ø 44 mm	NF944R
ø 46 mm	NF946R
ø 48 mm	NF948R
ø 50 mm	NF950R
ø 52 mm	NF952R
ø 54 mm	NF954R
ø 56 mm	NF956R
ø 58 mm	NF958R
ø 60 mm	NF960R
ø 62 mm	NF962R
ø 64 mm	NF964R
ø 66 mm	NF966R
ø 68 mm	NF968R
ø 70 mm	NF970R
ø 72 mm	NF982R

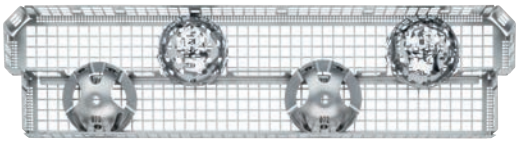
NOTE

Acetabular reamers are available on request in increments of 1 mm between the sizes 38 mm - 68 mm.

Reamer Module	Art. no.
Half module tray with supports for reamers ø 44 - 68 mm, one straight reamer shank and protection sleeve 465 x 118 x 45 mm	NT635R

NOTE

Please order all reamer components separately.



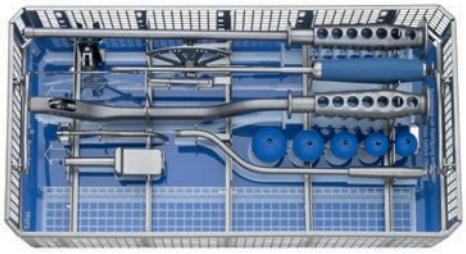
Plasmafit® REVISION MODULE 70/72 MM NT574

70/72 mm Module	Art. no.
Half module tray with supports for reamers and trial cups, sizes ø 70 and 72 mm 465 x 118 x 45 mm	NT575R
Trial cup ø 70 mm K	NT570R
Trial cup ø 72 mm K	NT572R
Acetabulum reamer ø 70 mm	NF970R
Acetabulum reamer ø 72 mm	NF982R

AESCULAP® Plasmafit® REVISION

Order Proposal

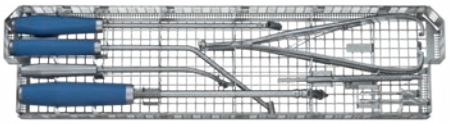
for new customers without existing Plasmafit® primary equipment



Plasmafit® Basic Set NT400

Consisting of:	Art. no.
Tray with space for one small and one half module insert 489 x 253 x 106 mm	NT401R
Lid	JH217R
Packing template for NT400	TF072
Screwdriver SW 4.5	NT412R
Polyamid head ø 28 mm	FS979
Polyamid head ø 32 mm	FS980

For Plasmafit® Revision please order separately:	Art. no.
Insertion instrument, curved 442 mm	NT579R*
Universal aiming device, adjustable	NT420R**
Aiming device supine position	NT417R**
Aiming device lateral position	NT418R**
Polyamid head ø 22.2 mm	FS977
Polyamid head ø 36 mm	FS983
Polyamid head ø 40 mm	FS988



Plasmafit® Module Screw Fixation NT402

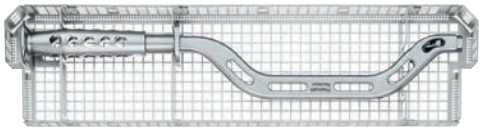
Consisting of:	Art. no.
Half module tray with supports 465 x 118 x 45 mm	NT403R
Flexible drill shaft	NT419R
Drill bit ø 3.2 mm, length 32 mm	NT424R
Cardan screwdriver SW 3.5	NT428R
Depth gauge	NT427R

Please order separately:	Art. no.
Drill bit ø 3.2 mm, length 44 mm	NT429R
Drill guide, straight ø 3.2 mm	NT421R
Drill guide, curved ø 3.2 mm	NT423R
Screw holding forceps, straight	NT432R
Screw holding forceps, curved	NT433R
Drill bit ø 3.2 mm, length 20 mm	NT393R
Drill bit ø 4.0 mm, length 20 mm	NT394R
Drill guide, straight ø 4.0 mm	NT422R
Drill guide, curved ø 4.0 mm	NT425R
Drill bit ø 4.0 mm, length 32 mm	NT426R

* NT578R cannot be stored in the Plasmafit® Basic Set NT400. NT579R can be stored in the Plasmafit® Basic Set NT400.
** Only one aiming device can be stored in the Basic Set NT400.

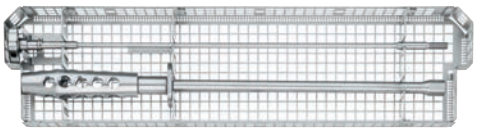
Order Proposal

for existing Plasmafit® primary equipment



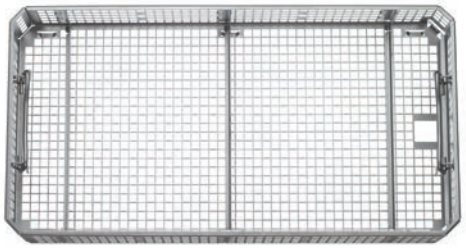
Plasmafit® Revision Module Insertion instrument, curved NT580

Consisting of:	Art. no.
Half module tray for NT580	NT581R
Insertion instrument, curved	NT579R*

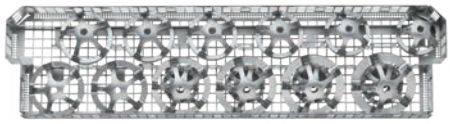


Plasmafit® Revision Module Insertion instrument, straight NT576

Consisting of:	Art. no.
Half module tray for NT576	NT577R
Insertion instrument, straight	NT578R*



Two-module support	Art. no.
Additional support for two module trays 489 x 253 x 76 mm	NT399R



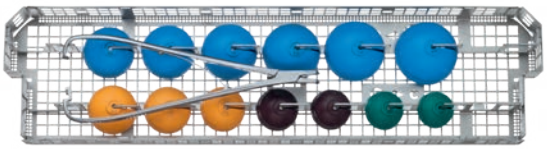
Plasmafit® Revision Module Trial Cups NT540

Consisting of:	Art. no.
Half module tray with supports 465 x 118 x 45 mm	NT541R
Trial cup ø 44 C	NT544R
Trial cup ø 46 D	NT546R
Trial cup ø 48 E	NT548R
Trial cup ø 50 F	NT550R
Trial cup ø 52 G	NT552R
Trial cup ø 54 H	NT554R
Trial cup ø 56 I	NT556R
Trial cup ø 58 J	NT558R
Trial cup ø 60 J	NT560R
Trial cup ø 62 J	NT562R
Trial cup ø 64 K	NT564R
Trial cup ø 66 K	NT566R
Trial cup ø 68 K	NT568R

Please order separately:	Art. no.
Plasmafit® Revision x-ray templates scale 1.15:1	NT406

Recommended container for:
Plasmafit® Basic Set, e.g. JK442
(592 x 274 x 135 mm)
Plasmafit® Additional Module Tray, e.g. JK441
(592 x 274 x 120 mm)

AESCULAP® Plasmafit® REVISION



NOTE

Plasmafit® Revision liner

Sizes 44 - 72 mm with liner sizes C - K

Plasmafit® Revision Module Trial Liners NT404

Consisting of:	Art. no.
Half module tray for maximum 16 trial liners 465 x 118 x 45 mm	NT405R
Forceps for trial liners	NT430R

Please order separately:

	Liner size	C	D	E	F	G	H	I	J	K
symmetrical	ø 22.2 mm	NT484	-	-	-	-	-	-	-	-
	ø 28 mm	NT489	NT490	NT491	NT532	NT533	NT534	NT535	-	-
	ø 32 mm	-	-	NT501	NT502	NT503	NT504	NT505	NT506	NT507
	ø 36 mm	-	-	-	-	NT513	NT514	NT515	NT516	NT517
	ø 40 mm	-	-	-	-	-	-	NT525	NT526	NT527
posterior wall	ø 22.2 mm	NT584	-	-	-	-	-	-	-	-
	ø 28 mm	NT589	NT590	NT591	NT592	NT593	NT594	NT595	-	-
	ø 32 mm	-	-	NT601	NT602	NT603	NT604	NT605	NT606	NT607
	ø 36 mm	-	-	-	-	NT613	NT614	NT615	NT616	NT617
asymmetrical 10°	ø 22.2 mm	NT684	-	-	-	-	-	-	-	-
	ø 28 mm	NT689	NT690	NT691	-	-	-	-	-	-
	ø 32 mm	-	-	NT701	NT702	NT703	NT704	NT705	NT706	NT707
	ø 36 mm	-	-	-	-	NT713	NT714	NT715	NT716	NT717
symmetrical +4 mm	ø 28 mm	NT1439	NT1440	NT1441	-	-	-	-	-	-
	ø 32 mm	-	-	NT1451	NT1452	NT1453	NT1454	NT1455	NT1456	NT1457
	ø 36 mm	-	-	-	-	NT1463	NT1464	NT1465	NT1466	NT1467
asymmetrical 20°	ø 28 mm	NT1409	NT1410	NT1411	-	-	-	-	-	-
	ø 32 mm	-	-	NT1421	NT1422	NT1423	NT1424	NT1425	NT1426	NT1427
	ø 36 mm	-	-	-	-	NT1433	NT1434	NT1435	NT1436	NT1437

NOTES

AESCULAP® – a B. Braun brand

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