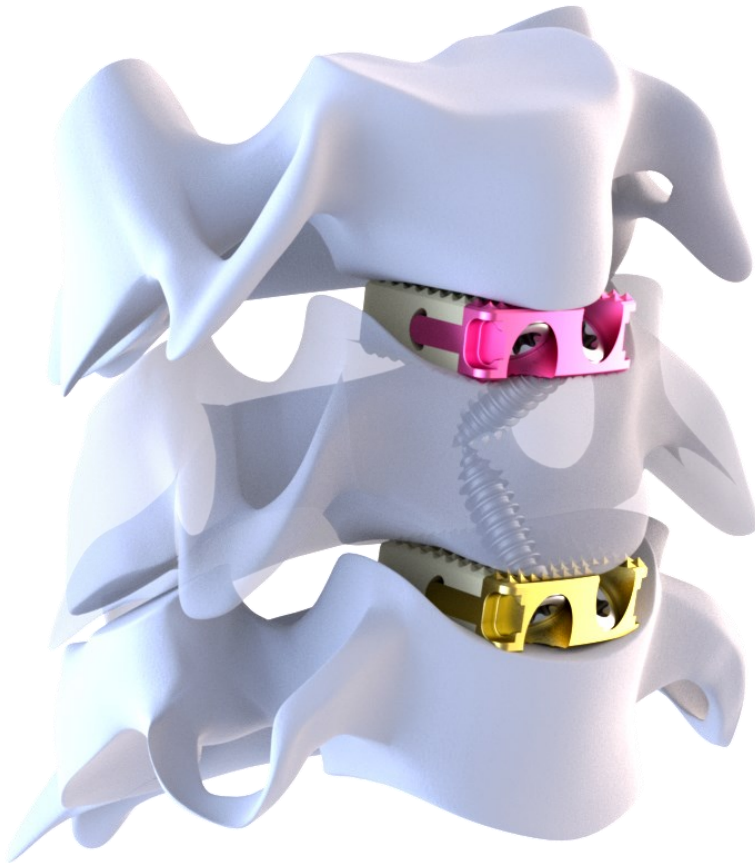
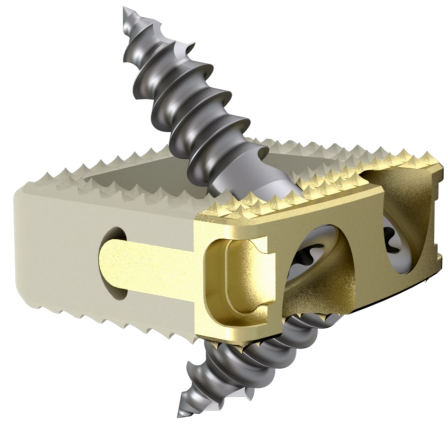


TiTANOPEEK **C**
ACF Stand Alone Cage Systems



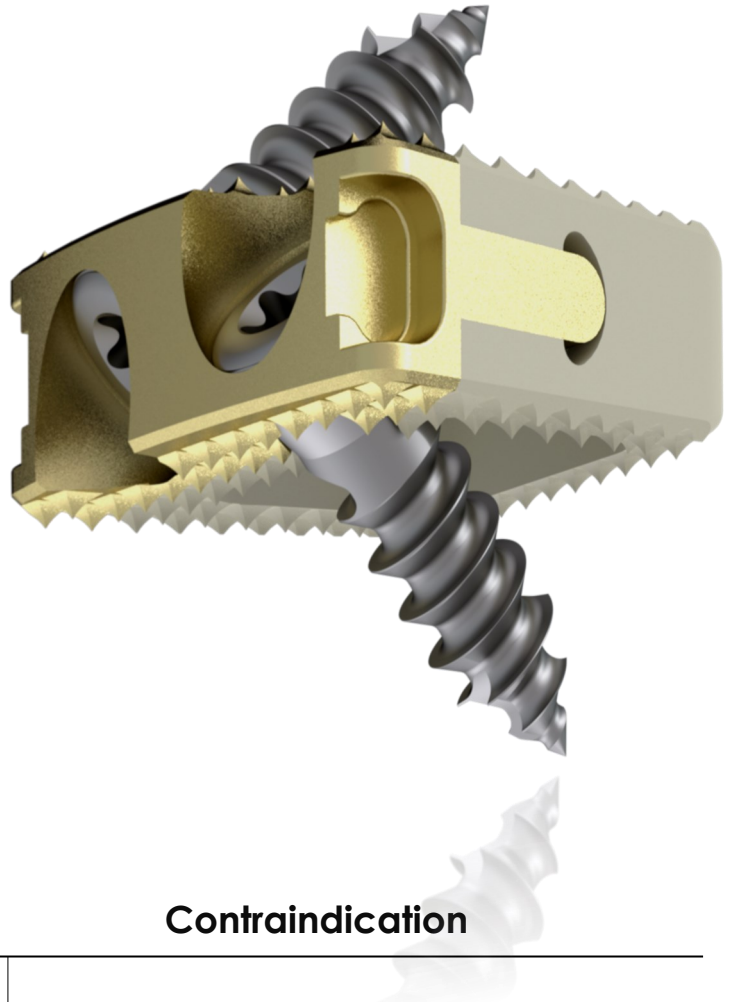
Implants - Instruments Surgical Technique

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Titanopeek-C anterior cervical discectomy is designed for use in fusion operations. Peek-optima is a cervical vertebral tethers with a cervical cuff mounted. Ti6Al4V ELITE is formed from titanium. It has various width and height measurements. There is a space in the center for grafting where you can place grafts for fusion.

Titanopeek-C provides screwing in the intervertebral disc area from the top and bottom to the shoulder. Thus, no height or protrusion is formed on the anterior cervical vertebrae. The cervical plate together with the cervical cages lifts from the center.



Indication

Cervical spinal stenosis

DDD

Pseudoarthrosis

Failed primary fusion surgery

Contraindication

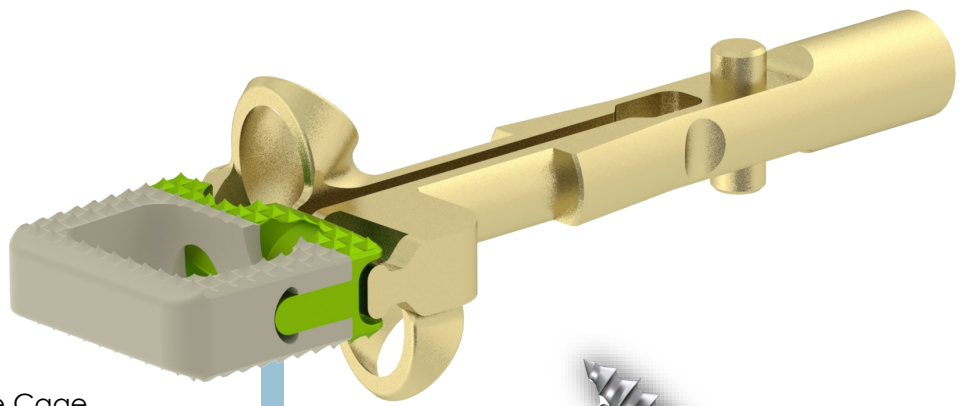
Spinal fracture

Spinal tumor

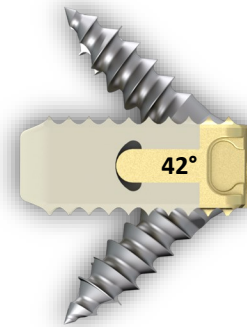
Osteoporosis

Spinal infection

Titanopeek Features



The Titanopeek-C ACF Stand Alone Cage System provides a very rigid and secure fixation with a superior and inferior 42 degree angulation of the locked screws.



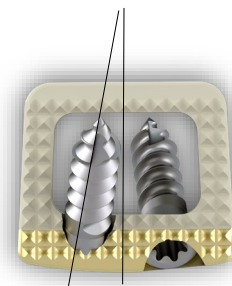
The Titanopeek-C CF Stand Alone Cage System allows you to fix both parallel and 10 degree lordosis with 2 different designs.



5° Lordosis

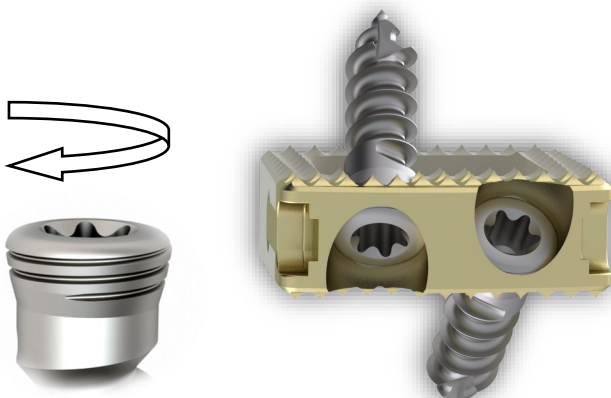
0° Parallel

Titanopeek-C ACF Stand Alone Cage System provides rigid and secure fixation with a 10 degree medial angulation.



10°

Screw locking system...

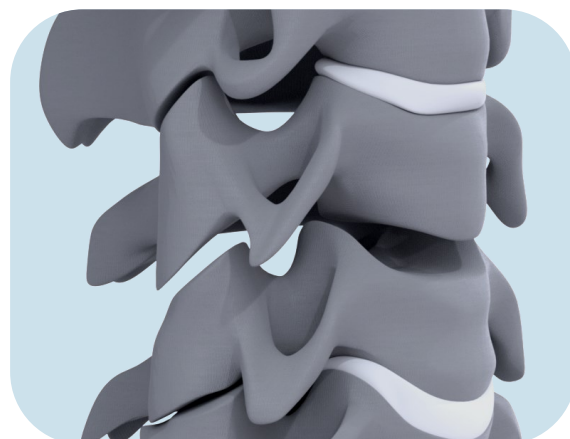


ACF Stand Alone Cage Systems

DISCECTOMY

With proper surgical technique, the area where the implant will be placed is cleaned from the discs and the appropriate area for the implant is prepared.

(Figure 1:Free disc)



(Figure 1:Free disc)

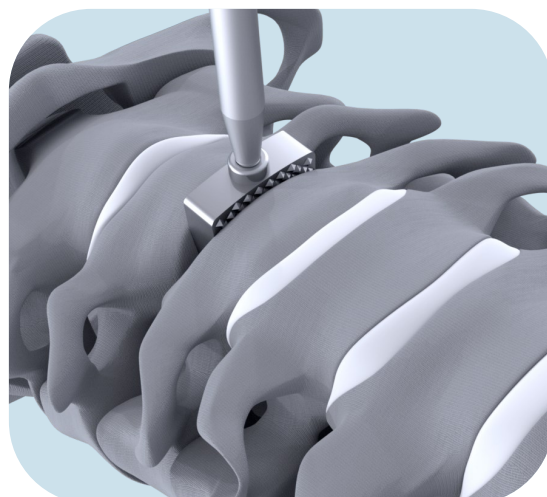
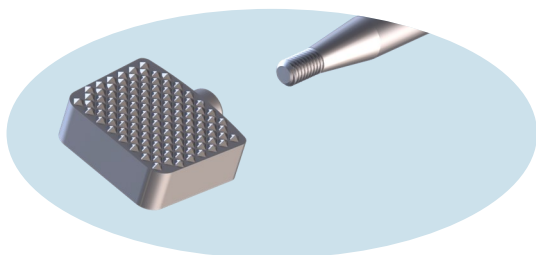
IMPLANT SELECTION

Rasp

It helps to clean the disk parts and helps to choose the implant. After placing it in the holder, it is placed at a distance from small to large. It has 0 degree 5 degree lordosis angle,

12x14 / 13x15 / 14x16 meter in the set.

(Figure 2)



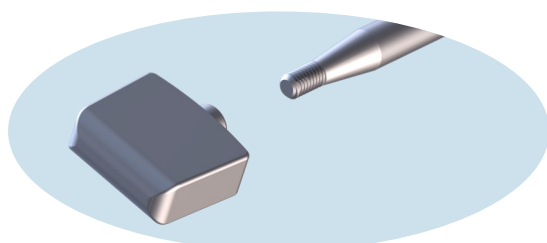
(Figure 2:TP-RTD-3017)

Trial

Implant selection is performed using the implants of the individual implant measurements. It has 0 degree 5 degree lordosis angle,

12x14 / 13x15 / 14x16 meter in the set.

(Figure 3)



(Figure 3:TP-RTD-3017)

Surgical Technique

The implanted implant is placed in the implant holder. There are two types of implant holder models available.

- Free hand implant holder
- Drill guide implant holder



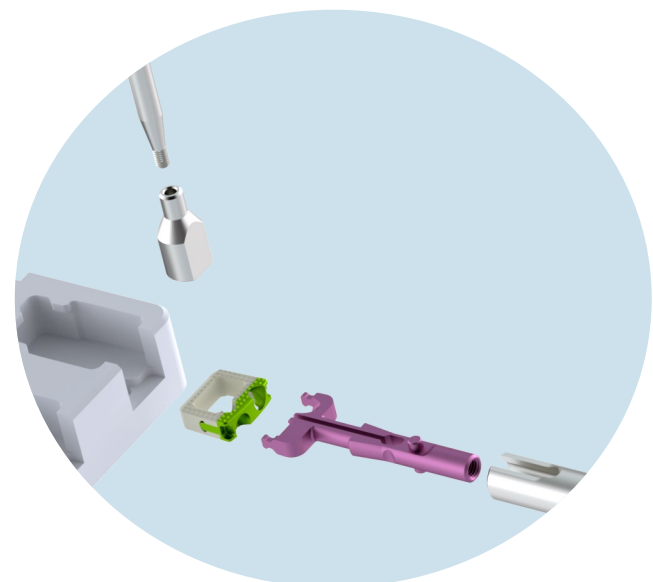
PACK IMPLANT WITH BONE GREFT

Graft Placement

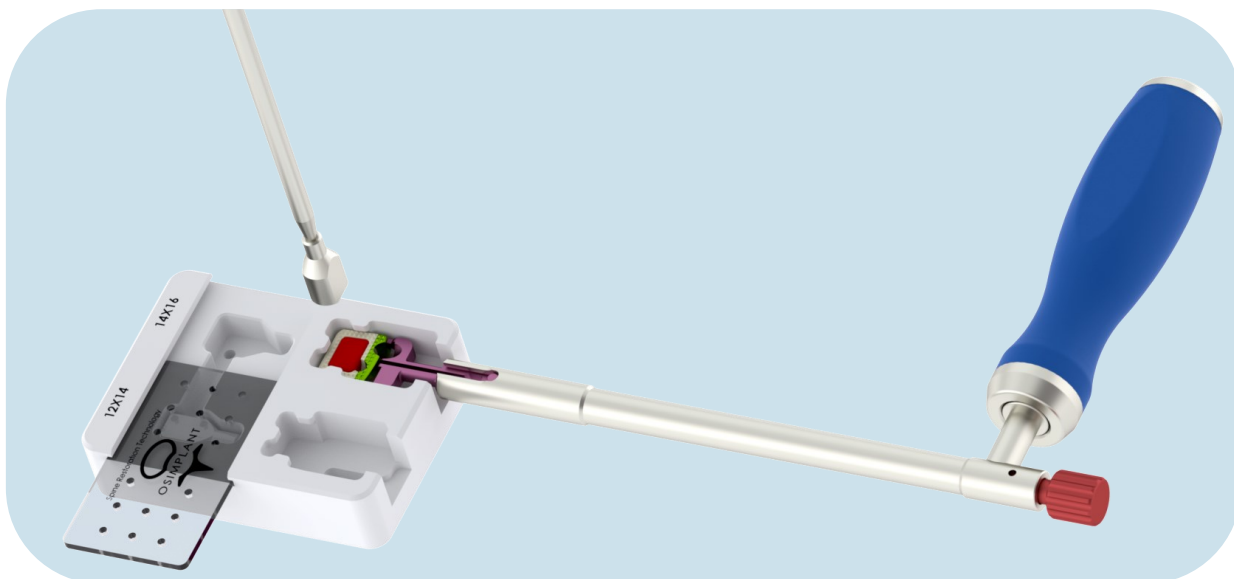
Depending on the preference of the surgeon, the graft material, which is located in the middle of the Titanopeek, is placed with the help of a compression platform and a compression hand tool.

(Figure 4)

(Figure 5)



(Figure 4:Assembly)



(Figure 5:TP-iH-3010 TP-RTD-3017)

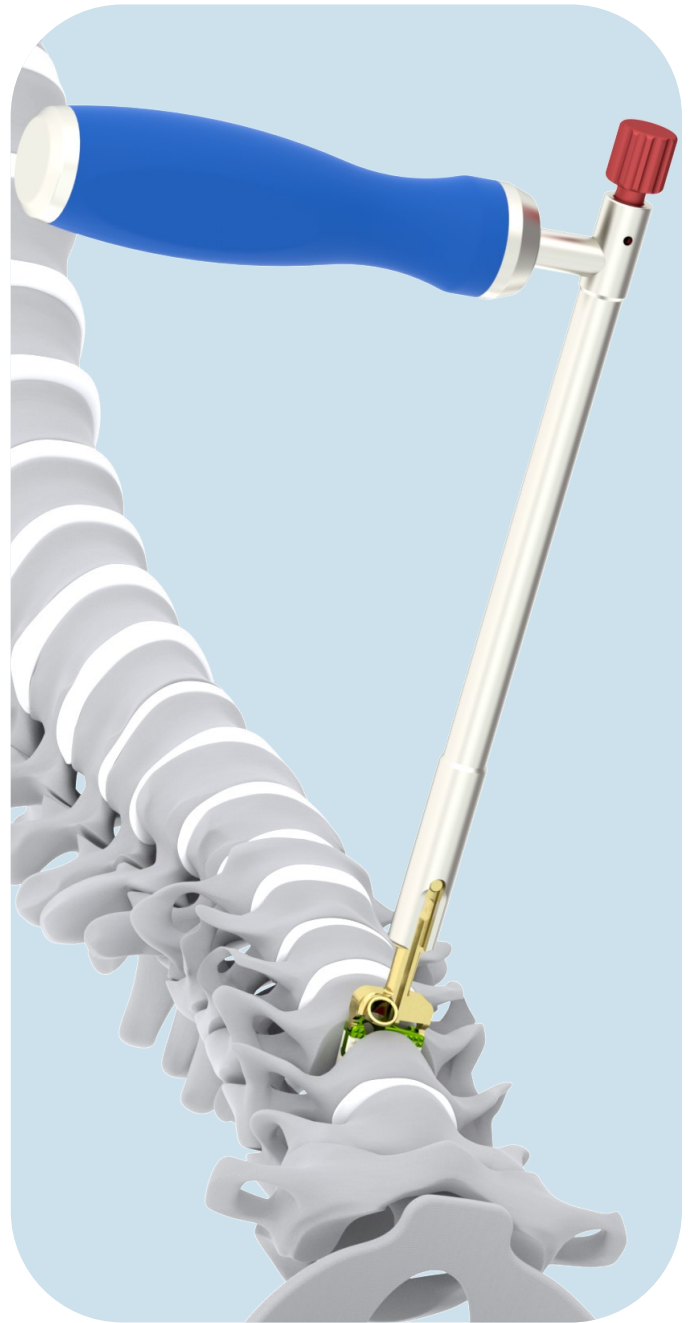
IMPLANT INSERTION

Titanopeek placed in the implant holder is struck in the intervertebral disc space.

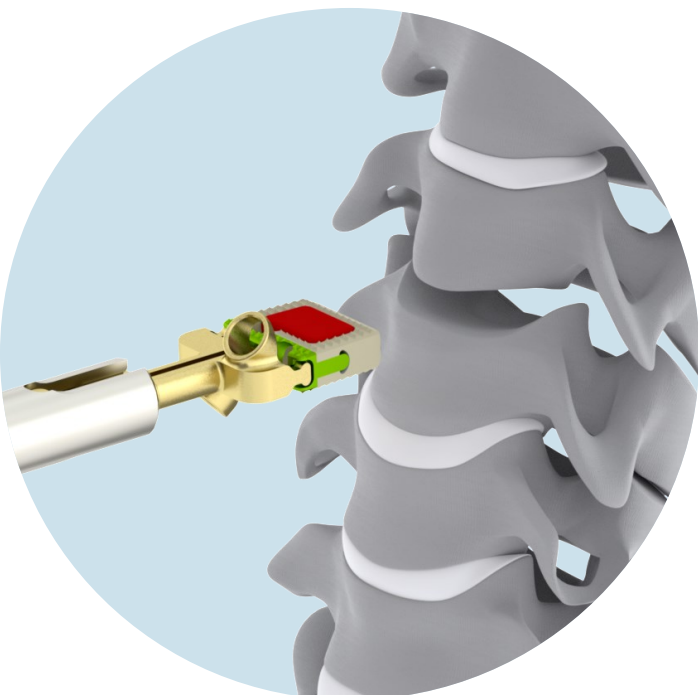
(Figure 6)



Drill guide implant holder with Titanopeek cage



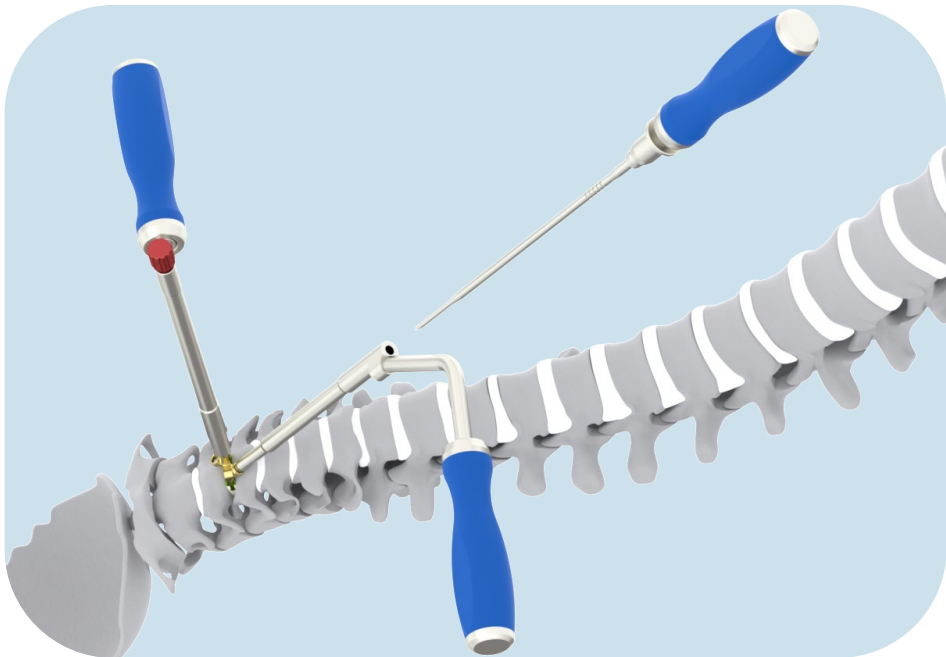
(Figure 6:TP-iH-3010)



Surgical Technique

Screw Fixation

A.Drillguide Technique

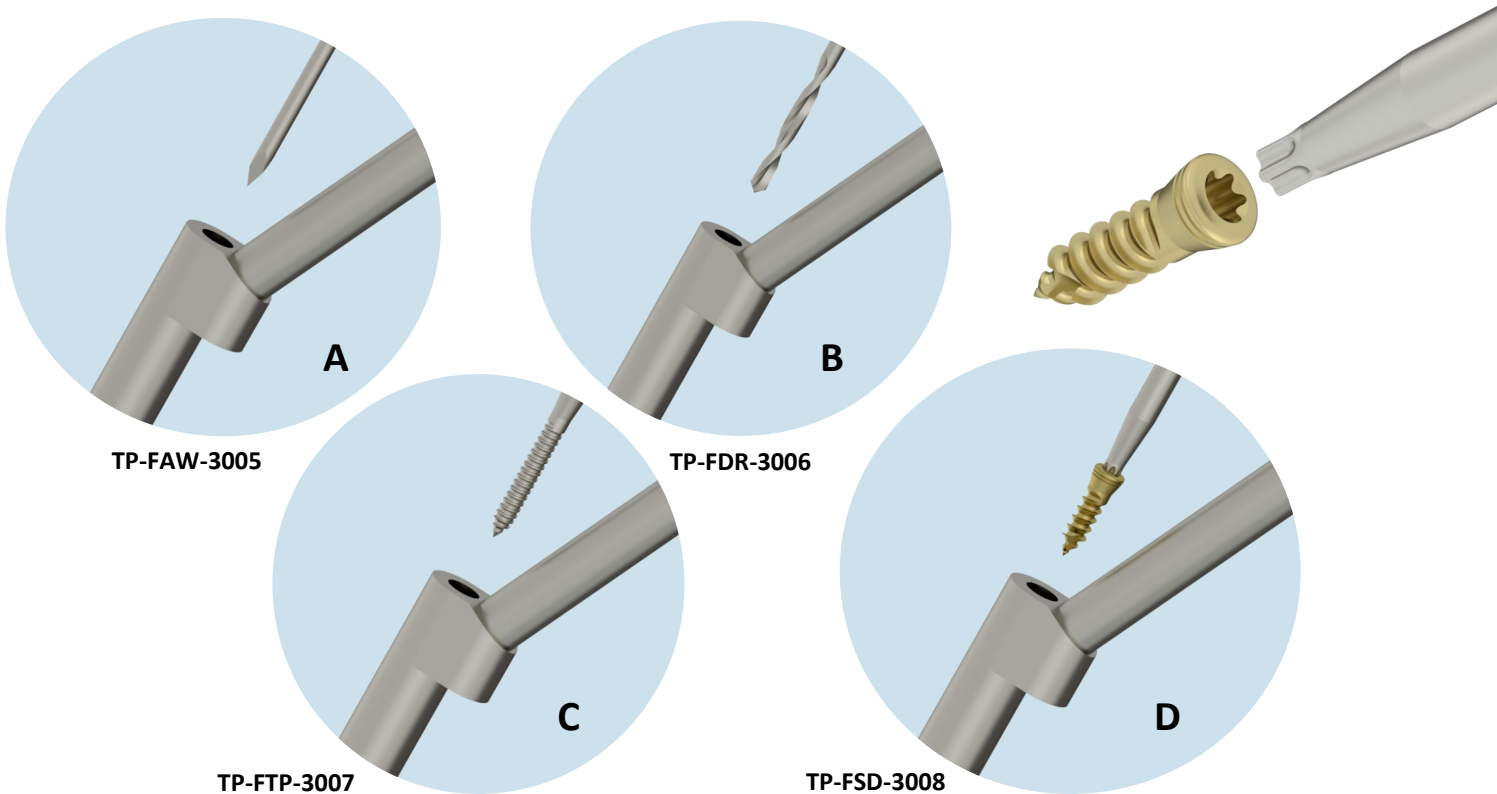


(Figure 7:TP-IH-3010 TP-ADG-3012 H170-A0)

According to the model of Titanopeek implant holder which is placed on the distance Titanopeek, suitable screw holes are opened for placing the screws in the bone by freehand or drillguide method. Screws are placed using awl, drill, tap, screw driver.

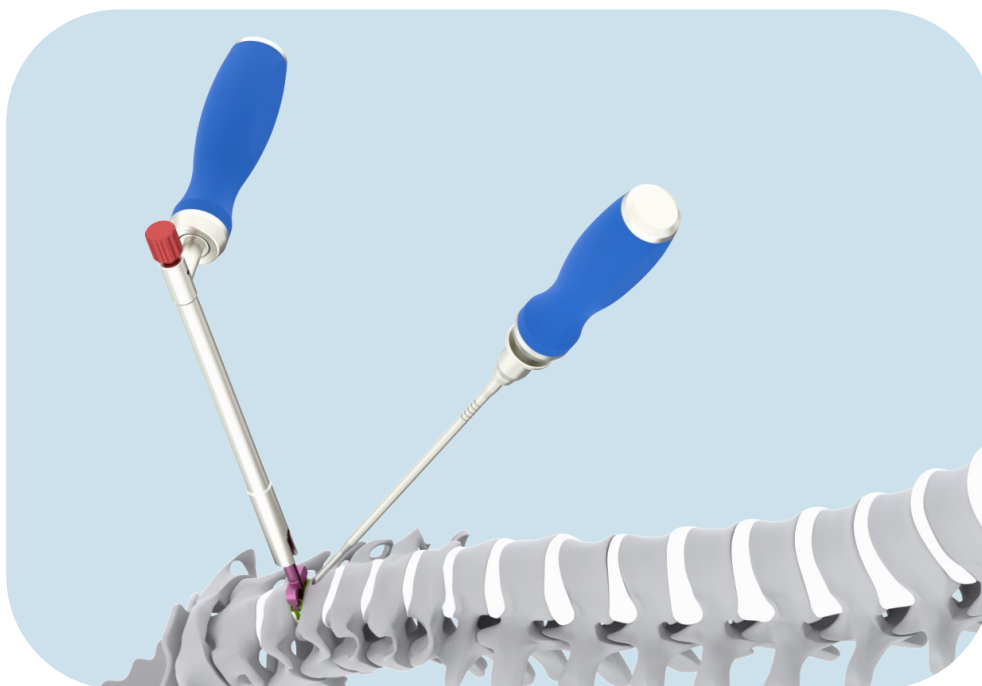
(A-Awl B-Drill C-Tap D-Screw driver)

(Figure 7)



Screw Fixation Alternative

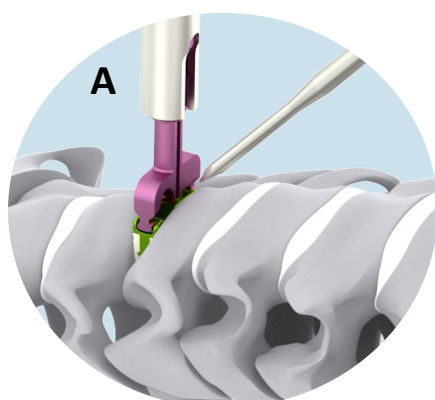
B.Freehand Technique



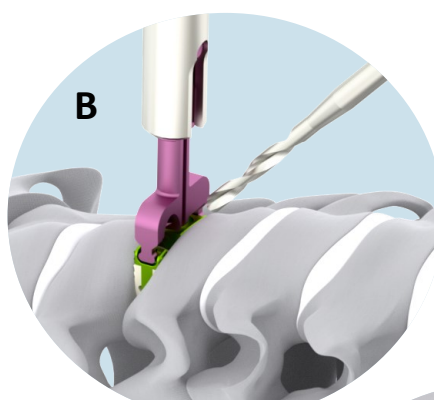
(Figure 8:TP-IH-3010 H170-A0)

The appropriate screw holes are drilled to insert the bone screws through the FreeHand Titanopeek implant holder selected on the Titanopeek placed in the distance. Screws are inserted using awl, drill, tap, screw driver.

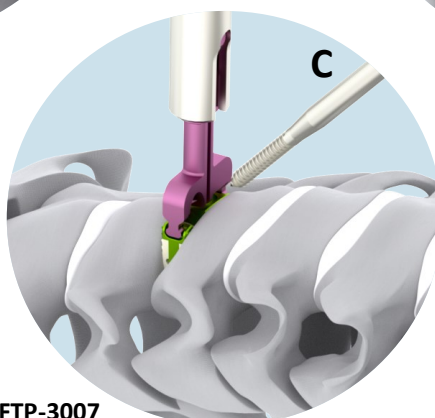
(Figure 8)



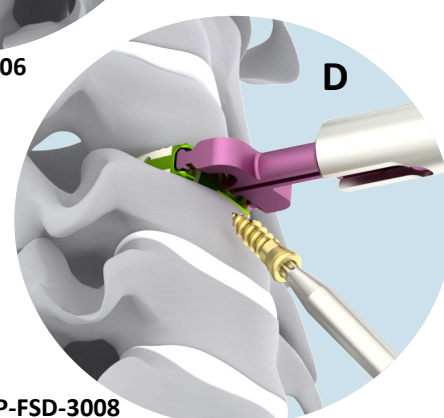
TP-AW-3005



TP-FDR-3006



TP-FTP-3007



TP-FSD-3008

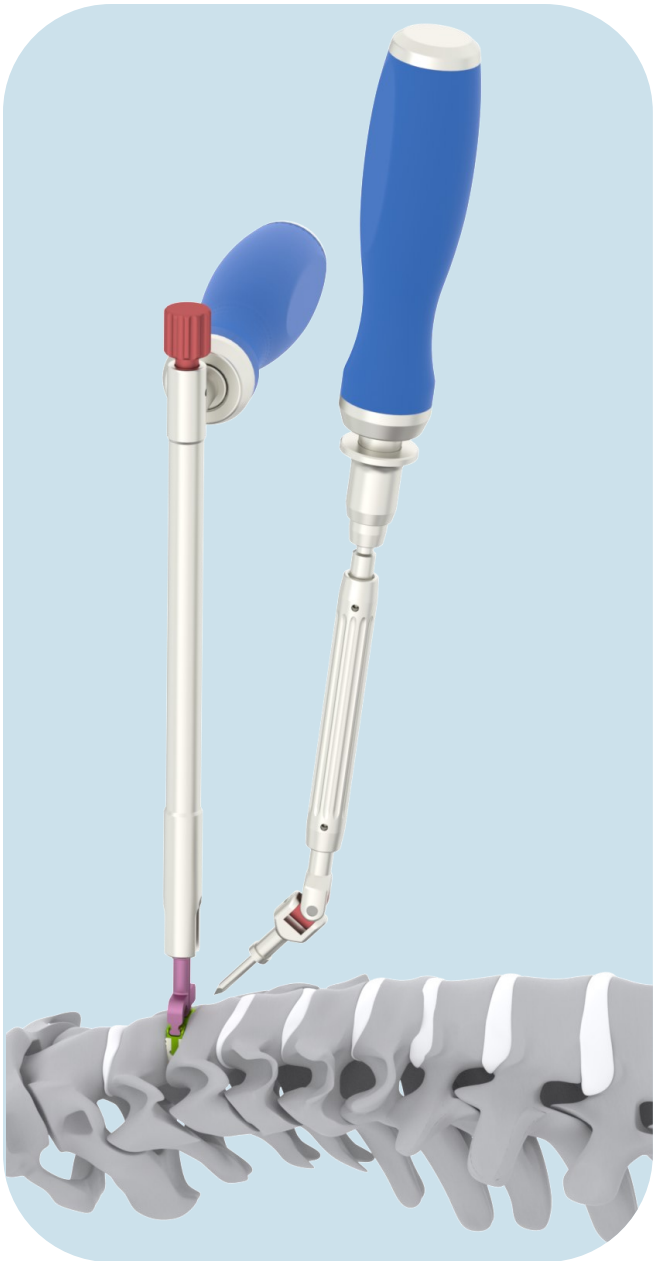
Surgical Technique

Screw Fixation Alternative

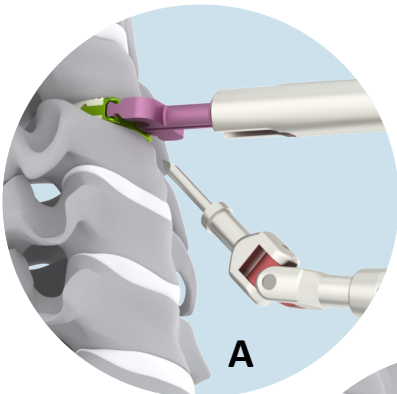
C.Angled Freehand Technique

With the Angled hand tools selected on the Titanopeek placed in the distance, the appropriate screw holes are opened to place the bone screws on the Titanopeek implant holder. Screws are inserted using the awl, drill, tap, screw driver.

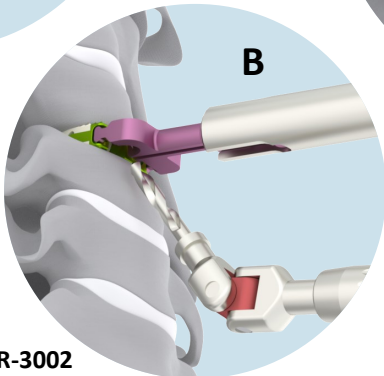
(Figure 9)



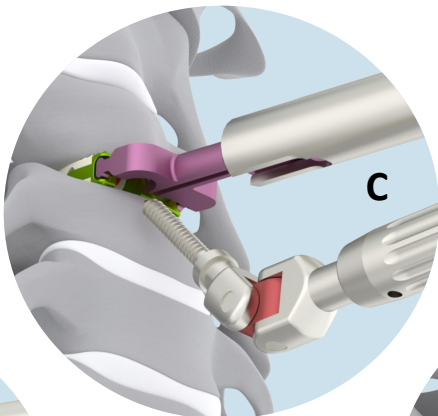
(Figure 9:TP-İH-3010 H170-A0)



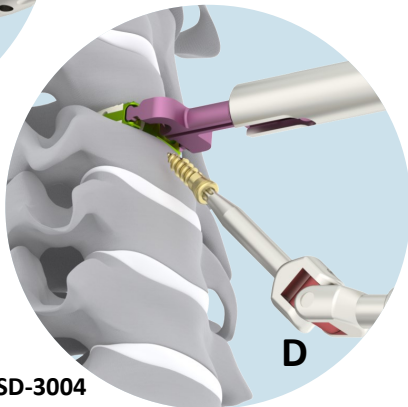
TP-MAW-3001



TP-MDR-3002



TP-MTP-3003



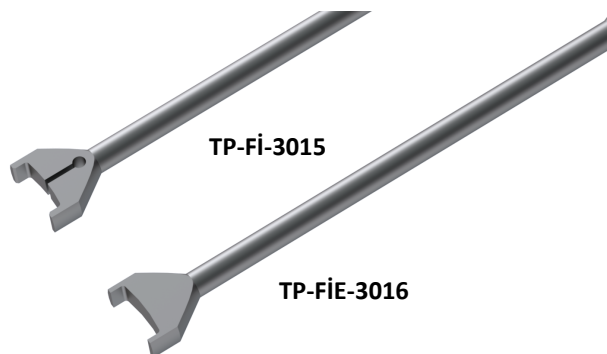
TP-MSD-3004

Screw Fixation Alternative

Implant Holder Not Used

The Titanopeek is intended to allow the implant to be placed further in the distance when it is desired to remove it after it has been placed at a distance.

(Figure 10)

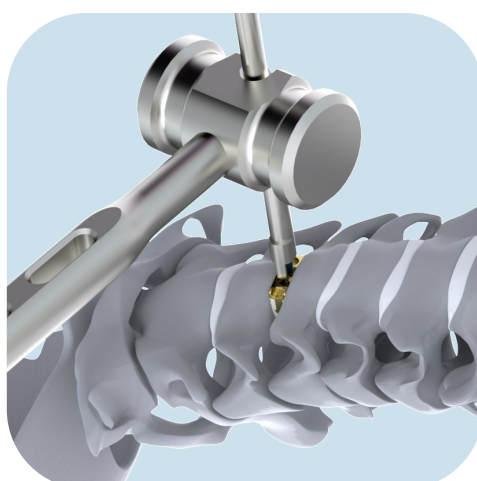
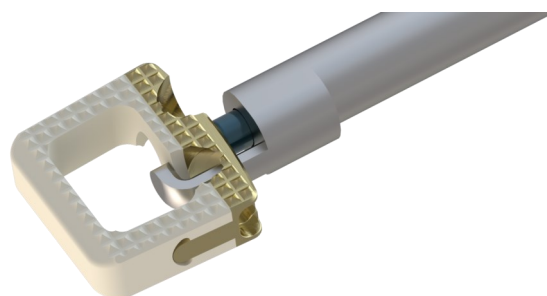
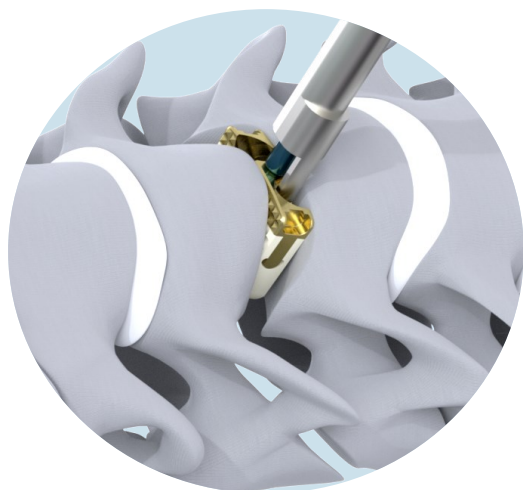


(Figure 10:TP-Fi-3015 333-HM)

IMPLANT REMOVAL

When the Titanopeek is desired to be removed, the screws are removed with the screwdriver, then the Implant Removal implant is placed and removed with the aid of a hammer.

(Figure 11)



(Figure 11:TP-IR-3011 333-HM)

Implants

Cage Sizes

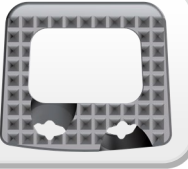
7MTPH

Hibrit



7TPT

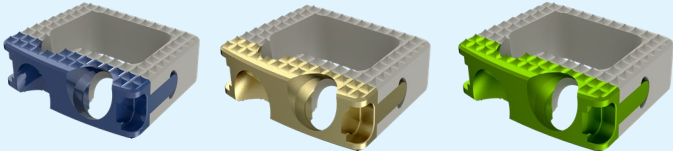
Titanium



7TPP

Peek





12x14	13x15	14x16
H5	H5	H5
H6	H6	H6
H7	H7	H7
H8	H8	H8

Lock Screw Sizes

7TPSDS

self drilling-tapping



7TPBS

blunt





self drilling-tapping tip		blunt tip	
3.5x12	4.0x12	3.5x12	4.0x12
3.5x14	4.0x14	3.5x14	4.0x14
3.5x16	4.0x16	3.5x16	4.0x16
3.5x18	4.0x18	3.5x18	4.0x18
3.5x20	4.0x20	3.5x20	4.0x20

1-Angled awl

TP-MAW-3001



2-Angled drill

TP-MDR-3002



3-Angled tap

TP-MTP-3003



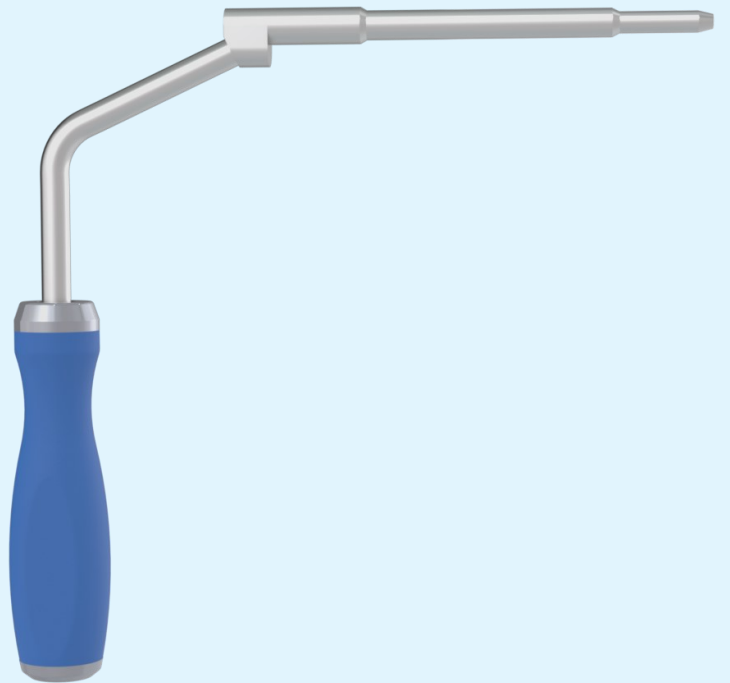
4-Angled screw driver

TP-MSD-3004



5-Angled drill guide

TP-ADG-3012



6-Fixed awl

TP-FAW-3005



7-Fixed drill

TP-FDR-3006



8-Fixed tap

TP-FTP-3007



9-Fixed screw driver

TP-FSD-3008



Instruments

10-Free impactor

TP-Fi-3015



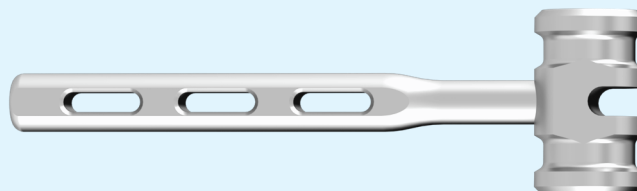
11-Free impactor expand

TP-FiE-3016



12-Hummer

333-HM



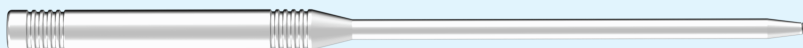
13-Free drill guide

TP-DG-3013



14-Rasp-trial deriver

TP-RTD-3017



15-Handle 2 unit

H170-A0



16-Implant holder

TP-iH-3010



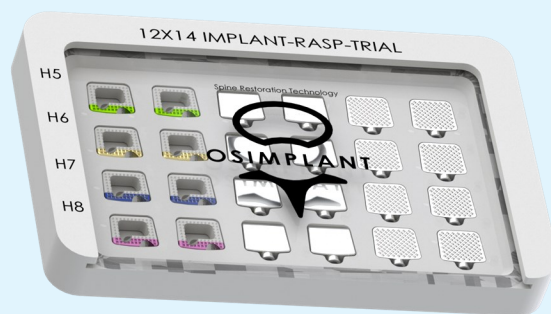
17-Implant remover

TP-iR-3011



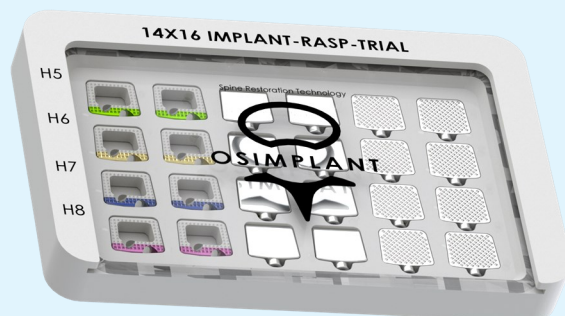
1- 12x14 Implant-rasp-trial caddies

TP-CD1214-3030



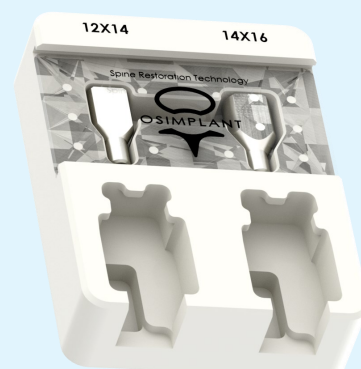
2- 14x16 Implant-rasp-trial caddies

TP-CD1416-3031



3- Bon greft box

TP-BGTC-3032



4- Implant insertion box

TP-IHC-3029



5-Screw caddies

TP-SC-3035





for more information

www.osimplant.com.tr



HEADQUARTER

Osimplant Tıbbi Malzemeler
İlkbahar Mh., Galip Erdem Cd.

(571. Cad.) No:47, 06550
Çankaya/Ankara, Turkey

T: +90 312 473 82 80 –473 22 80
F: +90 312 473 81 90

FACTORY

İkitelli O.S.B.14. Cd. Mutfakçılar

Sanayi Sitesi, 4 Blok No:47

Phone: +(90) 212 485 40 32
Fax: +(90) 212 485 40 34

info@bonimplant.com.tr