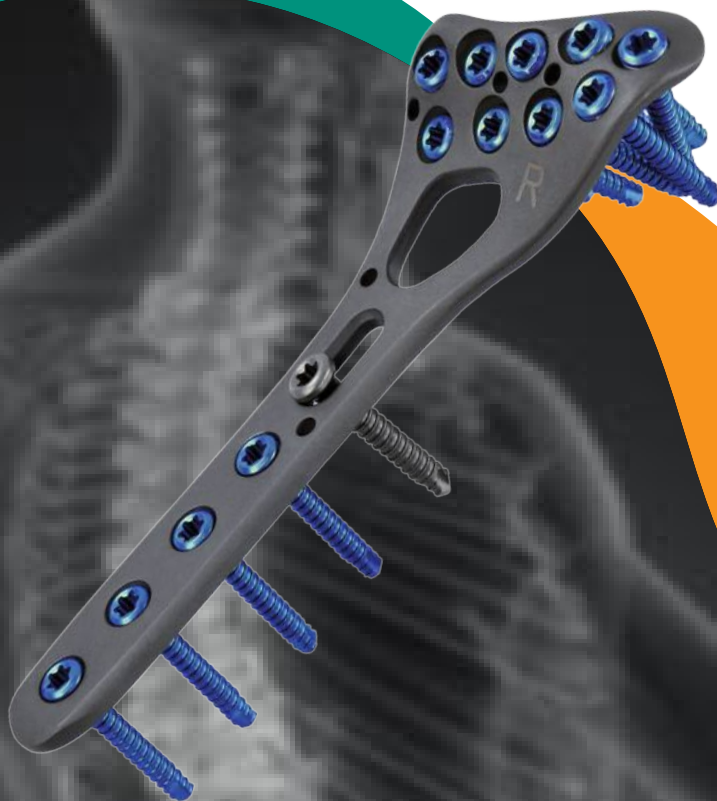


PLACI

Catalog

VORTEX

**Sistem de placi poliaxiale, ce oferă
soluții pentru întregul corp cu 30
de tipuri de plăci și 3 diametre de
șuruburi**





Dear Partner!

You are holding the Vortex plating catalogue of Sanatmetal Ltd. in your hands, where "Vortex" product family name is symbolized from the vortex-shaped polyaxial screw-plate connection. The over half a century existing Hungarian owned middle-sized company manufactures and distributes trauma, spine, dental implants and joint replacement prosthesis (hip and knee).

Our company is internationally recognized and is on the EU TOP 40 trauma and orthopedic manufacturers' list, thanks to those innovations that helps us to give the best to the patients and the operating surgeons as well. With Vortex plates we offer you an optimized system which was achieved with professors of international hospitals and the research of our engineers. We think that we introduce one of the world's best plate system. You can easily prove this if you review and think over the "What makes the best polyaxial plate?" question.

You can reach all this at an excellent product benefit, according to our slogan "Competitive innovation". We expect your experiences, thoughts, we are open to the possibility that you shall be part of our next catalogue.

József Farkas
managing director, owner

Stimate partener!

Țineți în mână catalogul de placi Vortex al companiei Sanatmetal Ltd., unde numele familiei de produse „Vortex” este simbolizat de conexiunea placă-șurub poliaxial în formă de vortex. De peste jumătate de secol, compania de talie mijlocie din Ungaria produce și distribuie sisteme de trauma, spinale, implanturi dentare și proteze de înlocuire a articulațiilor (șold și genunchi).

Compania noastră este recunoscută pe plan internațional și se află pe lista UE TOP 40 a producătorilor de trauma și ortopedie, datorită inovațiilor care ne ajută să oferim tot ce este mai bun pacienților și chirurgilor care operează. Cu plăcile Vortex vă oferim un sistem optimizat care a fost realizat prin intermediul profesorilor din spitale internaționale, precum și a cercetării inginerilor noștri. Credem că introducem unul dintre cele mai bune sisteme de plăci din lume. Puteți dovedi cu ușurință acest lucru dacă analizați și vă gândiți la întrebarea „Ce face cea mai bună placă poliaxială?”.

Puteți ajunge la toate acestea la un avantaj excelent al produsului, conform sloganului nostru „Inovație competitivă”. Va așteptăm experiențele, gândurile și suntem deschiși la posibilitatea să faceți parte din următorul nostru catalog.

József Farkas
director general, proprietar

Reprezentat de :



office@enlife.ro | www.enlife.ro | 0724205409

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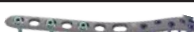
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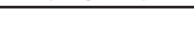
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Vortex system

Sistem Vortex

Description Descriere		Cross section Section transvers.(mm)	Image Imagine	Plate size Dimensiune placa	Plate length Lungime placa (mm)	Screw Surub			
						Polyaxial/Poliaxial	Cortical/Cortical	Cancellous/ Sponge	
Clavicula plates Placi Claviculare	Normal	10x3,2		6H-10H	84,6 - 123,6	3,5	3,5	4,0	
	H	10x3,2		6H head/cap 4H - 7H tail/coada	75,1 - 111,8	2,7 3,5	2,7 3,5	4,0	
	MA	10x3,2		6H - 8H	80 - 104	3,5	3,5	4,0	
	Hooked/Carlig	10x3,2		3H head/cap 3H, 5H tail/coada	Length of hook/kam- póhossz 15-18-21	2,7	2,7	4,0	
3,5						3,5			
Proximal Humerus plate Placa Humerus proximal		12x4		9H head/cap 3H - 12H tail/coada	84 - 192	3,5	3,5	-	
Distal Humerus plates Placi Humerus Distal	Dorsolateral (DL) Dorsolateral (DL)	12,6x3		6H head/cap 3H - 13H tail/coada	91 - 211	2,7 3,5	3,5	-	
	Medial (M) Medial(M)			6H head/cap 3H - 13H tail/coada	86,7 - 206,7	2,7 3,5	3,5	-	
	Extraarticular-dorsolateral (EDL)			5H head/cap 3H - 13H tail/coada	90,2 - 210,2	2,7 3,5	3,5	-	
	Straight Medial (SM) Egyenes mediális (SM)			5H head/cap 3H - 11H tail/coada	100,5 - 196,5	2,7 3,5	3,5	-	
	Olecranon/Olecran			6H head/cap 3H - 11H tail/coada	96,1 - 187,7	2,7 3,5	3,5	-	
Distal Radius plates Placi Radius Distal	Volar Volar	10x2		5-7-9 H head/cap 3-5-8-10-12-14 H tail/coada	54 - 94 (large) 52 - 124 (medium) 50 - 138 (small)	2,7	2,7	-	
	Volar with ear Volar cu ureche				63 - 103 (large) 59 - 99 (medium) 55 - 95 (small)				
Pelvis plates Placi Pelviene	Reconstruction plates Placi reconstructie	Straight/Dreapta	11x3		6H - 16H	81 - 221	3,5	3,5	4,0
		J			10H - 16H	118 - 202			
		Curved/Curba			6H - 8H	79 - 104			
		O	12x3		4H	-			
		L	12x3		5H	54			
	Symphysis plate Placa simfizara		12x4,5		4H - 6H	62 - 88	3,5	3,5	4,0

Description Descriere		Cross section Sectione transvers. (mm)	Image Imagine	Plate size Dimens. placa	Plate length Lungime placa (mm)	Screw Surub			
						Polyaxial/ Poliaxial	Cortical/ Cortical	Cancellous/ Spongile	
Proximal Femur plate Placa Femur Proximal		17x8		2H - 12 H	107 - 287	5,1	5,1	6,5	
Distal Femur plate Placa Femur Distal		17x6,6		7H head/cap 6-16H tail/coada	167,3-345,2	5,1	5,1	6,5	
Proximal Tibia plates Placi Tibie Proximale	Lateral/Lateral	14x5		6H head/cap 2-12H tail/coada	98,5 - 258,5	5,1	5,1	-	
	Lateral - L/Lateral - L	12x4		4H head/cap 5-10H tail/coada	134 - 199	3,5	3,5	-	
	Medial - T/Medial - T	16x5		3H head/ca 3-8H tail/coada	128 - 208	5,1	5,1	6,5	
Distal Tibia plate Placi Tibie Distale	Medial/Medial	12x4		9H head/cap 6H - 18H tail/coada	137 - 281	3,5	3,5	-	
	Anterolateral Anterolateral	12x4		3H head/cap 5H - 10H tail/coada	83 -138	3,5	3,5	-	
Calcaneus plates Placi Calcaneu	Small	-		16H	64,5 - 74	3,5	3,5	-	
	Medium								
	Large			4H	12,5 - 17,5				
Diaphysis plates Placi Diafiza	Large (femur, tibia)	Double row Profil wide	17x6,6		12H - 22H	230 - 408	5,1	3,5 5,1	6,5
				6H - 16H	123 - 303				
		Single row Profil Normal	15x5		6H - 16H	113 - 273			
		Small (ulna-radius, fibula, humerus)	12x3		5H - 20H	74 - 254	3,5	3,5	4,0
Mini plates/Mini Placi		8x2,5		4H - 14H	47 - 137	2,7	2,7	-	
Distal Fibula/Fibula Distala		10x3		5H 3H-15H	73 - 229	2,7 3,5	3,5	-	

Color coding of polyaxial screws

Ø2,7:

 Ø3,5:

 Ø5,1:

Cod culori suruburi poliaxiale

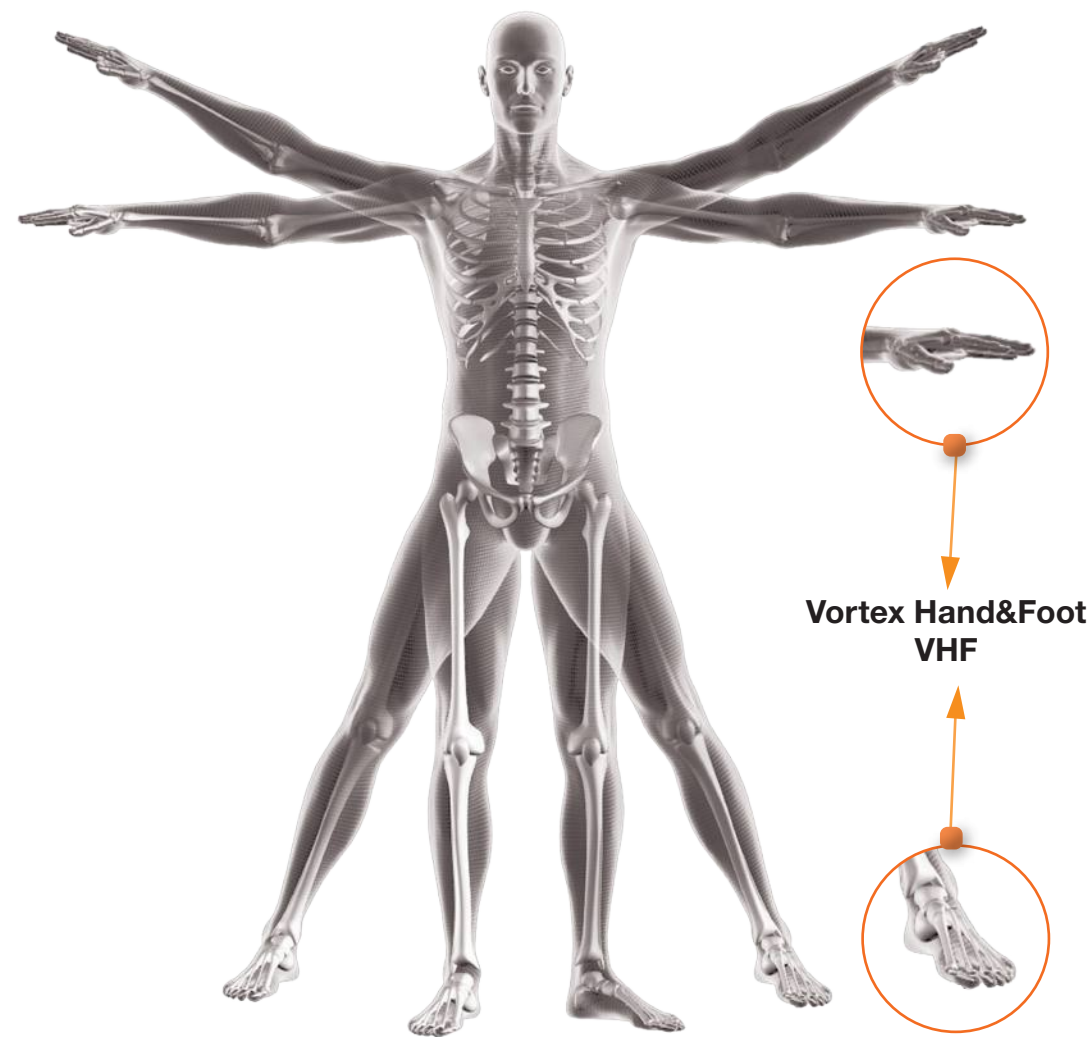
Ø2,7:

 Ø3,5:

 Ø5,1:

Vortex Hand and Foot system

Sistem Vortex Mana si Picior



Description Descriere		Field of indication Indicatii	Plate cross section Sectiune transversala (mm)	Image Imagine	Plate size Dimensiunea placii	Plate length Lungimea placii (mm)	Screw Surub	
							Polyaxial - Poliaxial	Cortical - Cortical
1,5 XS straight plate 1,5 XS placa dreapta		Hand Mana	5x1,3		2H; 3H; 6H; 12H	11; 17; 38; 77	1,5	1,5
1,5 XS T-plate 1,5 XS placa T		Hand Mana	5x1,3		3H ; 5H head/cap 5H ; 11H shaft/tija	38 ; 77	1,5	1,5
1,5 XS L-plate 1,5 XS placa L		Hand Mana	5x1,3		6H; 12H	38 ; 77	1,5	1,5
1,5 XS parallel plate 1,5 XS placa paralela		Hand Mana	5x1,3		6H; 8H; 12H; 16H	22 - 59,5	1,5	1,5
2,0 XS straight plate 2,0 XS placa dreapta		Hand Mana	6x1,8		2H; 3H; 6H; 12H	13; 20; 44; 89	2,0	2,0
2,0 XS T-plate 2,0 XS placa T		Hand Mana	6x1,8		3H ; 5H head/cap 5H ; 11H shaft/tija	44 ; 89	2,0	2,0
2,0 XS L-plate 2,0 XS placa L		Hand Mana	6x1,8		6H; 12H	44 ; 89	2,0	2,0
2,0 XS parallel plate 2,0 XS placa paralela		Hand Mana	6x1,8		6H; 8H; 12H; 16H	26,5 - 71,5	2,0	2,0
Spider plate Placa spider		Hand Mana	17x1,8 20x1,8		small large	-	2,7	2,7
Arthrodesis plate Placa artrodeza	straight dreapta	Hand Mana	8/12x3		4+5H	120	2,7 3,5	2,7 3,5
	curved curba	Hand Mana	8/12x3		4+5H	117,5	2,7 3,5	2,7 3,5
Mini straight plate Mini placa dreapta		Hand, Foot Mana, picior	8x2,5		4H - 14H	47 - 137	2,7	2,7
Mini T-plate Mini placa T		Foot Picior	7x2		3H ; 5H head/cap 5H ; 11H shaft/tija	50,2 ; 101,4	2,7	2,7
Mini L-plate Mini placa T		Foot Picior	7x2		6H; 12H	50,2 ; 101,4	2,7	2,7

2.1 | VDR - Vortex Distal Radius plate

VDR - Placa Radius Distal Vortex

VDR plate | Placa VDR

Standard

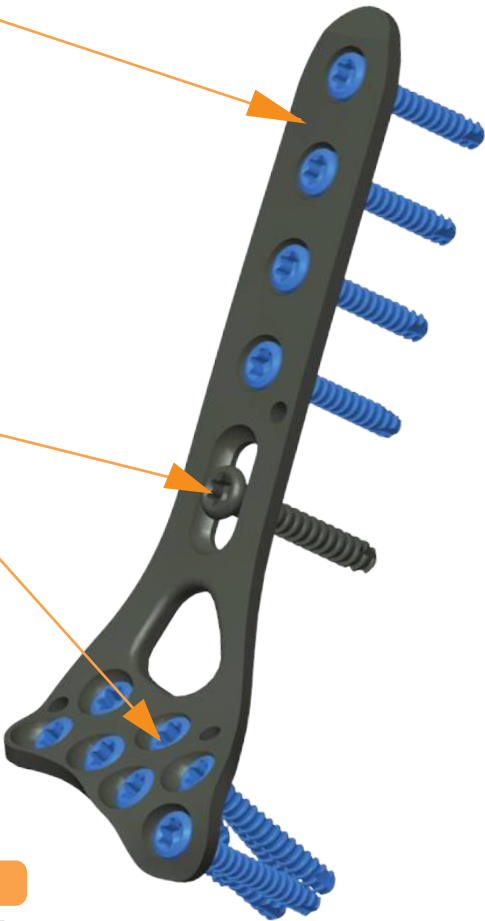
- V+
 - large 3H-8H (63-103 mm)
 - medium 3H-8H (59-99 mm)
 - small 3H-8H (55-95 mm)

- V
 - large 3H-8H (54-94 mm)
 - medium 3H-12H (52-124 mm)
 - small 3H-14H (50-138 mm)

Screws Suruburi

Polyaxial - Poliaxial
Vortex screw - Surub Vortex
2,7 x 8-34 mm

Normal - Normal
Cortical screw TX - Surub cortical TX
2,7 x 8-34 mm



Vortex Distal Radius plate - V+ | Placa Radius Distal Vortex - V+

Size Dimensiune	Type Tip	Holes (H+S) Gauri (H+S)	Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
Large	Left - Stanga	9 + 3	63	280114103
Large	Left - Stanga	9 + 5	79	280114105
Large	Left - Stanga	9 + 8	103	280114108
Large	Right - Dreapta	9 + 3	63	280114203
Large	Right - Dreapta	9 + 5	79	280114205
Large	Right - Dreapta	9 + 8	103	280114208
Medium	Left - Stanga	7 + 3	59	280114303
Medium	Left - Stanga	7 + 5	75	280114305
Medium	Left - Stanga	7 + 8	99	280114308
Medium	Right - Dreapta	7 + 3	59	280114403
Medium	Right - Dreapta	7 + 5	75	280114405
Medium	Right - Dreapta	7 + 8	99	280114408
Small	Left -	5 + 3	55	280114503
Small	Left - Stanga	5 + 5	71	280114505
Small	Left - Stanga	5 + 8	95	280114508
Small	Right - Dreapta	5 + 3	55	280114603
Small	Right - Dreapta	5 + 5	71	280114605
Small	Right - Dreapta	5 + 8	95	280114608



For one operation | Pentru o operatie

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
VDR plate - Placa VDR	1
Screws (head) - Suruburi (cap)	5-9
Screws (shaft) - Suruburi (coada)	3-8

Profile - Profil

	Large	Medium	Small
Width (head) - Latime (cap)	28,2 mm	24,3 mm	20,3 mm
Width (shaft) - Latime (coada)	10 mm	10 mm	10 mm
Thickness - Grosime	2 mm	2 mm	2 mm

2.1 | VDR - Vortex Distal Radius plate

VDR - Placa Radius Distal Vortex

Vortex Distal Radius plate - V | Placa Radius Distal Vortex - V



Size Dimensiune	Type Tip	Holes (H+S) Gauri (H+S)	Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
Large	Left - Stanga	9 + 3	54	280115103
Large	Left - Stanga	9 + 5	70	280115105
Large	Left - Stanga	9 + 8	94	280115108
Large	Right - Dreapta	9 + 3	54	280115203
Large	Right - Dreapta	9 + 5	70	280115205
Large	Right - Dreapta	9 + 8	94	280115208
Medium	Left - Stanga	7 + 3	52	280115303
Medium	Left - Stanga	7 + 5	68	280115305
Medium	Left - Stanga	7 + 8	92	280115308
Medium	Left - Stanga	7 + 10	108	280115310
Medium	Left - Stanga	7 + 12	124	280115312
Medium	Right - Dreapta	7 + 3	52	280115403
Medium	Right - Dreapta	7 + 5	68	280115405
Medium	Right - Dreapta	7 + 8	92	280115408
Medium	Right - Dreapta	7 + 10	108	280115410
Medium	Right - Dreapta	7 + 12	124	280115412
Small	Left - Stanga	5 + 3	50	280115503
Small	Left - Stanga	5 + 5	66	280115505
Small	Left - Stanga	5 + 8	90	280115508
Small	Left - Stanga	5 + 14	138	280115514
Small	Right - Dreapta	5 + 3	50	280115603
Small	Right - Dreapta	5 + 5	66	280115605
Small	Right - Dreapta	5 + 8	90	280115608
Small	Right - Dreapta	5 + 14	138	280115614

Profile - Profil

	Large	Medium	Small
Width (head) - Latime (cap)	28,4 mm	24,2 mm	20,6 mm
Width (shaft) - Latime (coada)	10 mm	10 mm	10 mm
Thickness - Grosime	2 mm	2 mm	2 mm

Vortex screw | Surub Vortex Ø2,7 mm

Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
8	260827108
9	260827109
10	260827110
11	260827111
12	260827112
13	260827113
14	260827114
15	260827115
16	260827116
17	260827117
18	260827118
19	260827119
20	260827120
21	260827121
22	260827122
23	260827123
24	260827124
25	260827125
26	260827126
27	260827127
28	260827128
29	260827129
30	260827130
31	260827131
32	260827132
33	260827133
34	260827134



Screw details - Detalii surub

Thread Diameter - Diametru filet	2,7 mm
Torx size - dimensiune Torx	T9
Head Diameter - Diametru cap	4 mm
Pre Hole - Gaura pilot	2 mm

2.1 | VDR - Vortex Distal Radius plate

VDR - Placa Radius Distal Vortex

Cortical screw - TX | Surub cortical - TX Ø2,7 mm



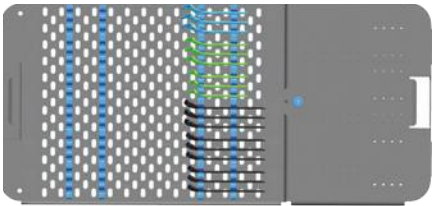
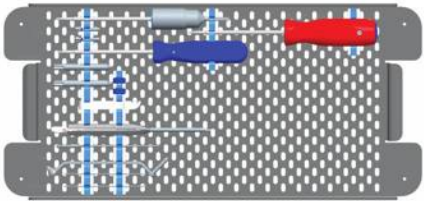
Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
8	267527008
10	267527010
12	267527012
14	267527014
16	267527016
18	267527018
20	267527020
22	267527022
24	267527024
26	267527026
28	267527028
30	267527030
32	267527032
34	267527034

Screw details - Detalii surub

Thread Diameter - Diametru filet	2,7 mm
Torx size - Dimensiune Torx	T9
Head Diameter - Diametru cap	4,5 mm
Pre Hole - Gaura pilot	2 mm

Filled up tray | Trusa incarcata

Description Descriere	Size dimensiune	Quantity Cantitate	Cat. no. Nr. Cat.
Filled up tray VDR Trusa incarcata VDR			233800014



2.1 | VDR - Vortex Distal Radius plate

VDR - Placa Radius Distal Vortex

Instruments | Műszerek

Description/Size Descriere/Dimensiune	Quantity Cantitate	Cat. no. Nr. Cat.
Screwdriver (T9) Surubelnita (T9)	1	 210720009
Torque screwdriver (T9/1 Nm) (for blue screw) Surubelnita dinamometrica (T9/1 Nm) (pt. suruburi albastre)	1	 210510036
Plate bender (4 mm) Bender placi (4 mm)	2	 280114901
Depth gauge (2,7-3,5 mm) Joja (2,7-3,5 mm)	1	 280114905
Double drill sleeve - PAS (2 mm) Tintitor dublu - PAS (2 mm)	1	 280114902
Spiral drill with quick-connecting end (2x125 mm) Burghiu cupla rapida(2x125 mm)	1	 280114903
Kirschner boring wire (1,2x100 mm) Brosa Kirschner (1,2x100 mm)	10	 937512100
Screw forceps Pensa suruburi	1	 939999002
Drill stop (2 mm) Stopper burghiu (2 mm)	2	 210510222

Description/Size Descriere/Dimensiune	Quantity Cantitate	Cat. no. Nr. Cat.
Threaded sleeve (2 mm) Sleeve filetat (2 mm)	2	 280114906
Tray (empty) VDR Tava (goala) VDR	1	 233800015

Instruments - Optional | Instrumente - Optionale

Description/Size Descriere/Dimensiune	Quantity Cantitate	Cat. no. Nr. Cat.
Power torque screwdriver (T9/1 Nm) (for blue screw) Surubelnita dinamometrica pt. motor (T9/1 Nm) (pt. suruburi albastre)		 210510047

3.1 | VDH - Vortex Distal Humerus plate

VDH - Placa Humerus Distal Vortex

VDH plate | VDH lemez

DL - Dorsolateral - Dorsolateral

Left-Right 3H-13H (91-211 mm)

Stanga-Dreapta 3H-13H (91-211 mm)

M - Medial - Medial

Left-Right 3H-13H (86,7-206,7 mm) Stanga-Dreapta(86,7-206,7 mm)

EDL - Extraarticular-dorsolateral - Extraarticular -dorsolateral

Left-Right 3H-13H (90,2-210,2 mm)

Stanga-Dreapta 3H-13H (90,2-210,2 mm) SM - Straight Medial -

Dreapta Mediala

3H-11H (100,5-196,5 mm)

Olecranon - Olecran

Left-Right 3H-11H (97-188,6 mm)

Stanga-Dreapta 3H-11H (97-188,6)

Screws Suruburi

Polyaxial - Poliaxiale

Vortex screw - Surub Vortex
2,7 x 8-60 mm

Vortex screw - Surub Vortex
3,5 x 10-50 mm

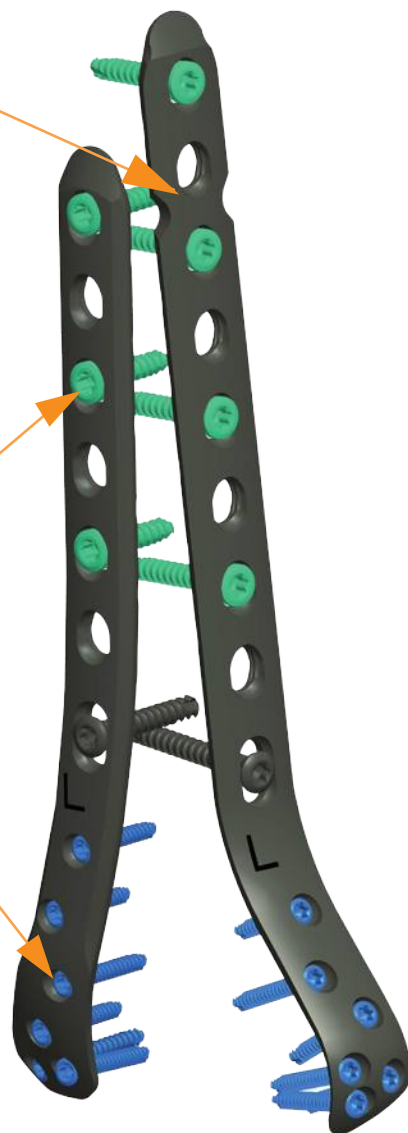
Normal - Normale

Cortical screw TX - Surub cortical TX 3,5 x
10-50 mm

For one operation | Pentru o operatie

Implants - Implanturi

Description - Descriere	Quantity - Cantitate
VDH plate DL+M - Placa VDH DL+M	1+1
Screws (head) - Suruburi (Cap)	6 + 6
Screws (shaft) - Suruburi (Coadă)	3-5



VDH plate - DL (Dorsolateral) | Placa VDH - DL (Dorsolateral)

Holes (H+S) Gauri (H+S)	Type Tip	Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
6 + 3	Left - Stanga	91	280302103
6 + 5	Left - Stanga	115	280302105
6 + 7	Left - Stanga	139	280302107
6 + 9	Left - Stanga	163	280302109
6 + 11	Left - Stanga	187	280302111
6 + 13	Left - Stanga	211	280302113
6 + 3	Right - Dreapta	91	280302203
6 + 5	Right - Dreapta	115	280302205
6 + 7	Right - Dreapta	139	280302207
6 + 9	Right - Dreapta	163	280302209
6 + 11	Right - Dreapta	187	280302211
6 + 13	Right - Dreapta	211	280302213

Profile - Profil

Width - Latime	12,6 mm
Thickness (head) - Grosime (cap)	2 mm
Thickness (shaft) - Grosime (coada)	3 mm



VDH plate - M (Medial) | Placa VDH - M (Medial)

Holes (H+S) Gauri (H+S)	Type Tip	Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
6 + 3	Left - Stanga	86,7	280302303
6 + 5	Left - Stanga	110,7	280302305
6 + 7	Left - Stanga	134,7	280302307
6 + 9	Left - Stanga	158,7	280302309
6 + 11	Left - Stanga	182,7	280302311
6 + 13	Left - Stanga	206,7	280302313
6 + 3	Right - Dreapta	86,7	280302403
6 + 5	Right - Dreapta	110,7	280302405
6 + 7	Right - Dreapta	134,7	280302407
6 + 9	Right - Dreapta	158,7	280302409
6 + 11	Right - Dreapta	182,7	280302411
6 + 13	Right - Dreapta	206,7	280302413

Profile - Profil

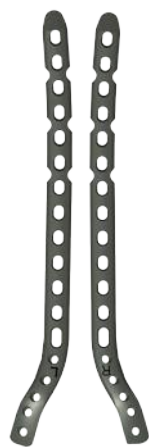
Width - Latime	12,6 mm
Thickness (head) - Grosime (cap)	2 mm
Thickness (shaft) - Grosime (coada)	3 mm



3.1 | VDH - Vortex Distal Humerus plate

VDH - Placa Humerus Distal Vortex

VDH plate - EDL (Extraarticular-dorsolateral) | Placa VDH - EDL (Extraarticular- dorsolateral)



Holes (H+S) Gauri (H+S)	Type Tip	Length (mm) Lungime(mm)	Anodised Titanium Titan anodizat
5 + 3	Left - Stanga	90,2	280302503
5 + 5	Left - Stanga	114,2	280302505
5 + 7	Left - Stanga	138,2	280302507
5 + 9	Left - Stanga	162,2	280302509
5 + 11	Left - Stanga	186,2	280302511
5 + 13	Left - Stanga	210,2	280302513
5 + 3	Right - Dreapta	90,2	280302603
5 + 5	Right - Dreapta	114,2	280302605
5 + 7	Right - Dreapta	138,2	280302607
5 + 9	Right - Dreapta	162,2	280302609
5 + 11	Right - Dreapta	186,2	280302611
5 + 13	Right - Dreapta	210,2	280302613

Profile - Profil

Width - Latime	12,6 mm
Thickness (head) - Grosime (cap)	2 mm
Thickness (shaft) - Grosime (coada)	3 mm

VDH plate - SM (Straight medial) | Placa VDH - SM (Dreapta mediala)



Holes (H+S) Gauri(H+S)	Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
5 + 3	100,5	280302703
5 + 5	124,5	280302705
5 + 7	148,5	280302707
5 + 9	172,5	280302709
5 + 11	196,5	280302711

Profile - Profil

Width - Latime	12,6 mm
Thickness (head) - Grosime (cap)	2 mm
Thickness (shaft) - Grosime (coada)	3 mm

Vortex olecranon plate | Placa Olecran Vortex

Holes (H+S) Gauri (H+S)	Type Tip	Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
6 + 3	Left - Stanga	96,1	280220303
6 + 5	Left - Stanga	118,4	280220305
6 + 7	Left - Stanga	142,4	280220307
6 + 9	Left - Stanga	165	280220309
6 + 11	Left - Stanga	187,7	280220311
6 + 3	Right - Dreapta	96,1	280220403
6 + 5	Right - Dreapta	118,4	280220405
6 + 7	Right - Dreapta	142,4	280220407
6 + 9	Right - Dreapta	165	280220409
6 + 11	Right - Dreapta	187,7	280220411



Profile - Profil

Width (head) - Latime (cap)	17,3 mm
Width (shaft) - Latime (coada)	12,3 mm
Thickness (head) - Grosime (cap)	2 mm
Thickness (shaft) - Grosime (coada)	3 mm

3.1 | VDH - Vortex Distal Humerus plate
VDH - Vortex Distal Humerus lemez

Vortex screw | Surub Vortex Ø2,7 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
8	260827108
10	260827110
12	260827112
14	260827114
16	260827116
18	260827118
20	260827120
22	260827122
24	260827124
26	260827126
28	260827128
30	260827130
32	260827132
34	260827134
36	260827136
38	260827138
40	260827140
42	260827142
44	260827144
46	260827146
48	260827148
50	260827150
52	260827152
54	260827154
56	260827156
58	260827158
60	260827160

Screw details - Detalii surub

Thread Diameter - Diametru filet	2,7 mm
Torx size - Dimensiune Torx	T9
Head Diameter - Diametru cap	4 mm
Pre Hole - Gaura pilot	2 mm

Vortex screw | Surub Vortex Ø3,5 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
10	260835510
12	260835512
14	260835514
16	260835516
18	260835518
20	260835520
22	260835522
24	260835524
26	260835526
28	260835528
30	260835530
32	260835532
34	260835534
36	260835536
38	260835538
40	260835540
42	260835542
44	260835544
46	260835546
48	260835548
50	260835550
55	260835555
60	260835560

Screw details - Detalii surub

Thread Diameter - Diametru filet	3,5 mm
Torx size - Dimensiune Torx	T15
Head Diameter - Diametru cap	6 mm
Pre Hole - Gaura pilot	2,8 mm

Vortex closing screw | Surub de zavorare

Diameter (mm) Diametru (mm)	Size Dimensiune	Anodised Titanium Titan anodizat
3,5	T15	260835501



3.1 | VDH - Vortex Distal Humerus plate

VDH - Placa Humerus Distal Vortex

Cortical screw - TX | Surub Cortical - TX Ø3,5 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
10	267535010
12	267535012
14	267535014
16	267535016
18	267535018
20	267535020
22	267535022
24	267535024
26	267535026
28	267535028
30	267535030
32	267535032
34	267535034
35	267535035
36	267535036
38	267535038
40	267535040
42	267535042
44	267535044
45	267535045
46	267535046
48	267535048
50	267535050
55	267535055
60	267535060

Screw details - Detalii surub

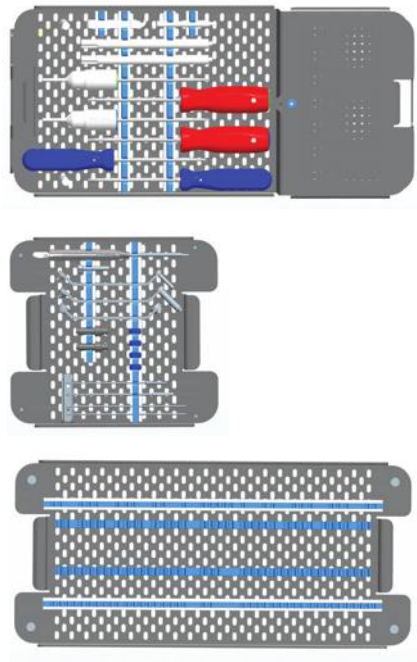
Thread Diameter - Diametru filet	3,5 mm
Torx size - Dimensiune Torx	T15
Head Diameter - Diametru cap	6 mm
Pre Hole - Gaura pilot	2,8 mm

3.1 | VDH - Vortex Distal Humerus plate

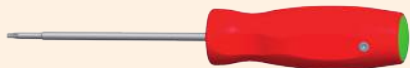
VDH - Placa Humerus Distal Vortex

Filled up tray | Trusa incarcata

Description Descriere	Size Dimensiune	Quantity Cantitate	Cat. no. Nr. Cat.
Filled up tray VDH Trusa incarcata VDH			233800016



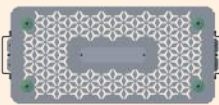
Instruments | Instrumente

Description/Size Descriere/Dimensiune	Quantity Cantitate	Cat. no. Nr. Cat
Screwdriver (T9) Surubelnita (T9)	1	 210720009
Screwdriver(T15) Surubelnita (T15)	1	 210720015
Torque screwdriver (T9/1 Nm) (for blue screw) Surubelnita dinamometrica (T9/1 Nm) (pt. surub albastru)	1	 210510036
Torque screwdriver (T15/1,5 Nm) (for green screw) Surubelnita dinamometrica (T15/1,5 Nm) (pt. surub verde)	1	 210510044
Double drill sleeve- PAS (2 mm) Tintitor dublu - PAS (2 mm)	1	 280114902
Double drill sleeve- PAS (2,8 mm) Tintitor dublu - PAS (2,8 mm)	1	 280122903
Kirschner boring wire (2x150 mm) Brosa Kirschner (2x150 mm)	5	 937520150

3.1 | VDH - Vortex Distal Humerus plate

VDH - Placa Humerus Distal Vortex

Description/Size Descriere/Dimensiune	Quantity Cantitate	Cat. no. Nr. cat.
Double drill sleeve - V (Small) neutral/compression Tintitor dublu - V (Small) neutru/compresie	1	 275212902
Threaded sleeve - V (2,8 mm) Sleeve filetat - V (2,8 mm)	1	 280122916
Depth gauge (2,7-3,5 mm) Joja (2,7-3,5 mm)	1	 280114905
Plate bender - V (6 mm) Bender placi - V (6 mm)	2	 280122914
Plate bender (4 mm) Bender placi (4 mm)	2	 280114901
Spiral drill with quick-connecting end (2x125 mm) Burghiu cupla rapida (2x125 mm)	1	 280114903
Spiral drill with quick-connecting end (2,8x135 mm) Burghiu cupla rapida (2,8x135 mm)	1	 280122905
Screw forceps Pensa suruburi	1	 939999002
Drill stop (2 mm) Stopper burghiu (2 mm)	2	 210510222

Description/Size Descriere/Dimensiune	Quantity Cantitate	Cat. no. Nr. Cat
Drill stop (2,8 mm) Stopper Burghiu (2,8 mm)	2	 210510227
Tray (empty) VDH Tava (goala) VDH	1	 233800017

Instruments - Optional | Instrumente - Optionale

Description/Size Descriere/Dimensiune	Quantity Cantitate	Cat. no. Nr. cat.
Power torque screwdriver (T9/1 Nm) (for blue screw) Surubelnita dinamometrica motor (T9/1 Nm) (pt. surub albastru)		 210510047
Power torque screwdriver motor (T15/1,5 Nm) (for green screw) Cheie dinamometrica (T15/1,5 Nm) (pt. surub verde)		 210510037

3.2 | VPH - Vortex Proximal Humerus plate

VPH - Vortex Proximal Humerus lemez

VPH plate | Placa VPH

3H-20H (84 - 288 mm)

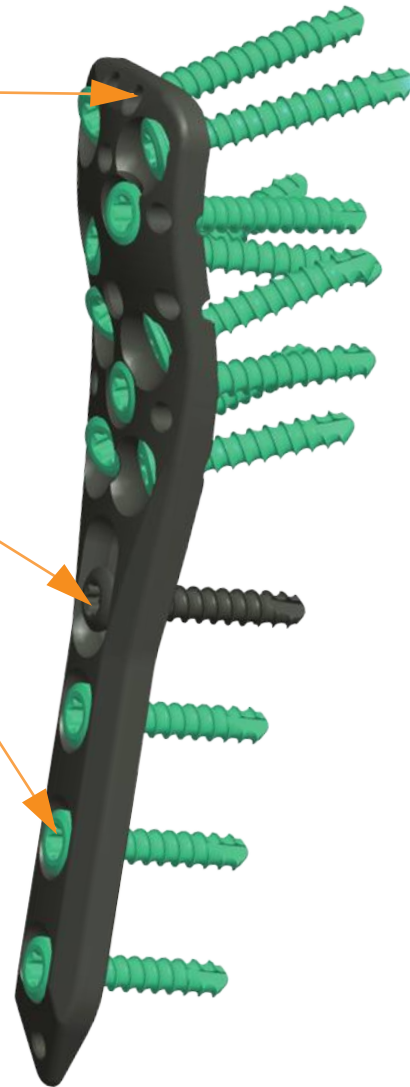
Screws
Suruburi

Polyaxial - Poliaxial
Vortex screw - Surub Vortex
3,5 x 12-50 mm

Normal - Normal
Cortical screw TX - Surub Cortical TX 3,5 x
12-50 mm

For one operation | Pentru o operatie

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
VPH plate - Placa VPH	1
Screws (head) - Suruburi (cap)	9
Screws (shaft) - Suruburi (coada)	3-12



Vortex Proximal Humerus plate | Placa Humerus Proximal Vortex

Holes (H+S) Gauri (H+S)	Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
9 + 3	84	280303003
9 + 4	96	280303004
9 + 6	120	280303006
9 + 8	144	280303008
9 + 10	168	280303010
9 + 12	192	280303012
9 + 14	216	280303014
9 + 16	240	280303016
9 + 18	264	280303018
9 + 20	288	280303020

Profile - Profile

Width (head) - Latime (cap)	22 mm
Width (shaft) - Latime (coada)	12 mm
Thickness (head) - Grosime (cap)	3,4 mm
Thickness (shaft) - Grosime (coada)	4 mm



3.2 | VPH - Vortex Proximal Humerus plate

VPH - Placa Humerus Proximal Vortex

Vortex screw | Surub Vortex Ø3,5 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
10	260835510
12	260835512
14	260835514
16	260835516
18	260835518
20	260835520
22	260835522
24	260835524
26	260835526
28	260835528
30	260835530
32	260835532
34	260835534
36	260835536
38	260835538
40	260835540
42	260835542
44	260835544
46	260835546
48	260835548
50	260835550

Screw details - Detalii surub

Thread Diameter - Diametru filet	3,5 mm
Torx size - Dimensiune Torx	T15
Head Diameter - Diametru cap	6 mm
Pre Hole - Gaura pilot	2,8 mm

Vortex closing screw | Surub de zavorare Vortex



Diameter (mm) Diametru (mm)	Size Dimensiune	Anodised Titanium Titan anodizat
3,5	T15	260835501

Cortical screw - TX | Surub Cortical - TX Ø3,5 mm

Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
10	267535010
12	267535012
14	267535014
16	267535016
18	267535018
20	267535020
22	267535022
24	267535024
26	267535026
28	267535028
30	267535030
32	267535032
34	267535034
35	267535035
36	267535036
38	267535038
40	267535040
42	267535042
44	267535044
45	267535045
46	267535046
48	267535048
50	267535050



Screw details - Detalii Surub

Thread Diameter - Diametru filet	3,5 mm
Torx size - Dimensiune Torx	T15
Head Diameter - Diametru cap	6 mm
Pre Hole - Gaura pilot	2,8 mm

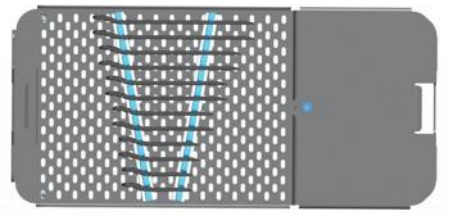
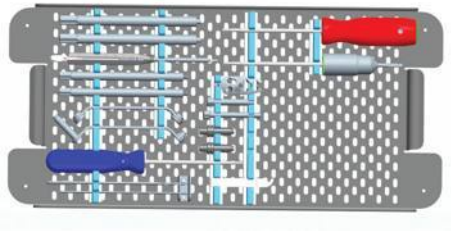
*4,0 mm Cancellous screw can optionally be used. See 188-189. page. Separate hex screwdriver is needed for insertion.

*Opțional se poate utiliza șurub de spongie de 4,0 mm. Vezi pag. 188-189. Pentru introducere este necesară o șurubelniță hexagonală separată.

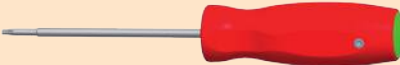
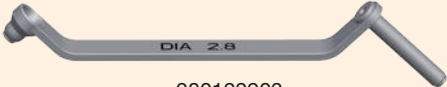
3.2 | VPH - Vortex Proximal Humerus plate VPH - Placa Humerus Proximal Vortex

Filled up tray | Trusa incarcata

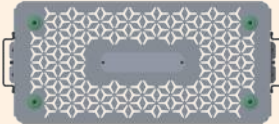
Description Descriere	Size Dimensiune	Quantity Cantitate	Cat. no. Nr. cat.
Filled up tray VPH Trusa incarcata VPH			233800020



Instruments | Instrumente

Description/Size Descriere/Dimensiune	Quantity Cantitate	Cat. no. Nr. cat.
Targeting device - VPH plate Ghid tintire - Placa VPH	1	 240300903
Screwdriver (T15) Surubelnita (T15)	1	 210720015
Torque screwdriver (T15/1,5 Nm) (for green screw) Surubelnita dinamometrica (T15/1,5 Nm) (pentru surub verde)	1	 210510044
Double drill sleeve - PAS (2,8 mm) Tintitor dublu - PAS (2,8 mm)	1	 280122903
Double drill sleeve - V (Small) neutral/compression Tintitor dublu - V (Small) neutru/compresie	1	 275212902
Kirschner boring wire (2x150 mm) Brosa Kirschner (2x150 mm)	2	 937520150
Depth gauge (2,7-3,5 mm) Joja (2,7-3,5 mm)	1	 280114905
Plate bender (6 mm) Bender placi (6 mm)	2	 280122907
Plate bender - V (6 mm) Bender placi - V (6 mm)	2	 280122914

3.2 | VPH - Vortex Proximal Humerus plate VPH - Placa Humerus Proximal Vortex

Description/Size Descriere/Dimensiune	Quantity Cantitate	Cat. no. Nr. cat.
Spiral drill with quick-connecting end (2,8x165 mm) Burghiu cupla rapida (2,8x165 mm)	2	 240300904
Screw forceps Pensa suruburi	1	 939999002
Drill stop (2,8 mm) Stopper Burghiu (2,8 mm)	2	 210510227
Tray (empty) VPH Tava (goala) VPH	1	 233800021

Instruments - Optional | Instrumente - Optionale

Description/Size Descriere/Dimensiune	Quantity Cantitate	Cat. no. Nr. cat.
Power torque screwdriver (T15/1,5 Nm) (for green screw) Surubelnita dinamometrica motor (T15/1,5 Nm) (pentru suruburi verzi)		 210510037

4.1 | VCL - Vortex Clavicle plate

VCL - Placa Clavicula Vortex

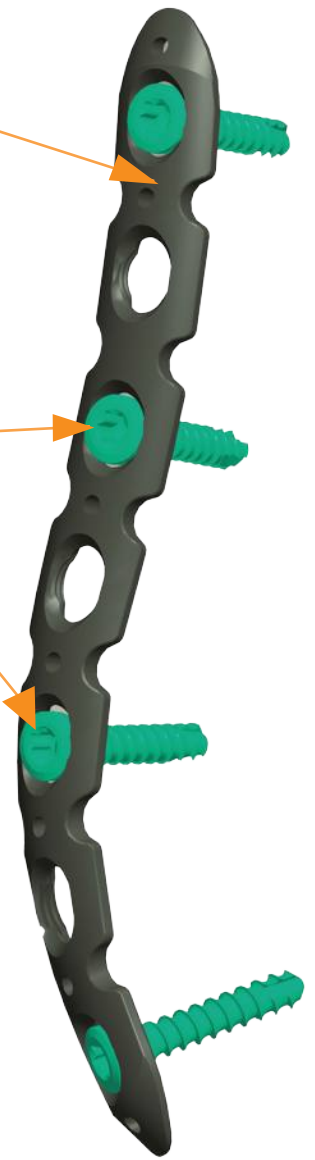
Vortex Clavicle-Normal plate
Placa Clavicula Vortex - Normal

Left-Right 6H-10H (84,6-123,6 mm)
Stanga-Dreapta 6H-10H (84,6-123,6 mm)

Screws
Suruburi

Polyaxial - Poliaxial
Vortex screw - Surub Vortex
3,5 x 10-22 mm

Normal - Normal
Cortical screw TX - Surub cortical TX 3,5 x 10-22 mm
Cancellous screw - Surub spongie 4 x 10-100 mm



Vortex Clavicle plate | Placa Clavicula Vortex

Type Tipus	Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
Left 6H	84,6	280261306
Left 7H	96,2	280261307
Left 8H	106,7	280261308
Left 10H	123,6	280261310
Right 6H	84,6	280261406
Right 7H	96,2	280261407
Right 8H	106,7	280261408
Right 10H	123,6	280261410



Profile - Profil	
Width - Latime	10 mm
Thickness - Grosime	3,2 mm

For one operation | Pentru o operatie

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
Vortex Clavicle plate Placa Clavicula Vortex	1
Screws - Suruburi	6-8

4.1 | VCL - Vortex Clavicle plate

VCL - Placa Clavicula Vortex

Vortex screw | Surub Vortex Ø3,5 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
10	260835510
12	260835512
14	260835514
16	260835516
18	260835518
20	260835520
22	260835522

Screw details - Detalii surub

Thread Diameter - Diametru filet	3,5 mm
Torx size - Dimensiune Torx	T15
Head Diameter - Diametru cap	6 mm
Pre Hole - Gaura pilot	2,8 mm

Cortical screw - TX | Surub cortical - TX Ø3,5 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
10	267535010
12	267535012
14	267535014
16	267535016
18	267535018
20	267535020
22	267535022

Screw details - Detalii surub

Thread Diameter - Diametru filet	3,5 mm
Torx size - Dimensiune Torx	T15
Head Diameter - Diametru cap	6 mm
Pre Hole - Gaura pilot	2,8 mm

Vortex closing screw | Surub de zavorare Vortex



Diameter (mm) Diametru (mm)	Size Dimensiune	Anodised Titanium Titan anodizat
3,5	T15	260835501

*4,0 mm Cancellous screw can optionally be used. See 188-189. page. Separate hex screwdriver is needed for insertion.
*Opțional se poate utiliza șurub de spongie de 4,0 mm. Vezi pag. 188-189. Pentru introducere este necesară o șurubelniță hexagonală separată.

4.2 | VCL - Vortex Clavicle-H plate

VCL - Vortex Clavicula-H lemez

Vortex Clavicle-H plate
Vortex Clavicula-H lemez

Left-Right 6 + 4H-7H (75,1-111,8 mm)
Stanga-Dreapta 6 + 4H-7H (75,1-111,8 mm)

Screws
Suruburi

Polyaxial - Poliaxial
Vortex screw - Surub Vortex
2,7 x 8-14 mm
3,5 x 10-22 mm

Normal - Normal
Cortical screw TX - Surub cortical TX 2,7 x 8-14 mm
3,5 x 10-22 mm
Cancellous screw - Surub spongie 4 x 10-100 mm

Vortex Clavicle-H plate | Placa Clavicula - H Vortex

Type Tipus	Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
Left 6+4H	75,1	280261504
Left 6+5H	86,8	280261505
Left 6+6H	99,2	280261506
Left 6+7H	111,8	280261507
Right 6+4H	75,1	280261604
Right 6+5H	86,8	280261605
Right 6+6H	99,2	280261606
Right 6+7H	111,8	280261607

Profile - Profil	
Width (head) - Latime (cap)	17 mm
Width (shaft) - Latime (coada)	10 mm
Thickness - Grosime	3,2 mm



For one operation | Pentru o operatie

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
Vortex Clavicle-H plate Placa Clavicula - H Vortex	1
Screws (head) - Suruburi (cap)	6
Screws (shaft) - Suruburi (coada)	4-7

4.2 | VCL - Vortex Clavicle-H plate

VCL - Placa Clavicula - H Vortex

Vortex screw | Surub Vortex Ø2,7 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
8	260827108
10	260827110
12	260827112
14	260827114

Screw details - Detalii surub

Thread Diameter - Diametru filet	2,7 mm
Torx size - Dimensiune Torx	T9
Head Diameter - Diametru cap	4 mm
Pre Hole - Gaura pilot	2 mm

Vortex screw | Surub Vortex Ø3,5 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
10	260835510
12	260835512
14	260835514
16	260835516
18	260835518
20	260835520
22	260835522

Screw details - Detalii surub

Thread Diameter - Diametru filet	3,5 mm
Torx size - Dimensiune Torx	T15
Head Diameter - Diametru cap	6 mm
Pre Hole - Gaura pilot	2,8 mm

Vortex closing screw | Surub de zavorare Vortex



Diameter (mm) Diametru (mm)	Size Dimensiune	Anodised Titanium Titan anodizat
3,5	T15	260835501

4.2 | **VCL - Vortex Clavicle-H plate**
VCL - Placa Clavicula - H Vortex

Cortical screw - TX | Surub cortical - TX Ø2,7 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
8	267527008
10	267527010
12	267527012
14	267527014

Screw details - Detalii surub

Thread Diameter - Diametru filet	2,7 mm
Torx size - Dimensiune Torx	T9
Head Diameter - Diametru cap	4,5 mm
Pre Hole - Gaura pilot	2 mm

Cortical screw - TX | Surub cortical - TX Ø3,5 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
10	267535010
12	267535012
14	267535014
16	267535016
18	267535018
20	267535020
22	267535022

Screw details - Detalii surub

Thread Diameter - Diametru filet	3,5 mm
Torx size - Dimensiune Torx	T15
Head Diameter - Diametru cap	6 mm
Pre Hole - Gaura pilot	2,8 mm

*4,0 mm Cancellous screw can optionally be used. See 188-189. page. Separate hex screwdriver is needed for insertion.
*Opțional se poate utiliza șurub de spongie de 4,0 mm. Vezi pag. 188-189. Pentru introducere este necesară o șurubelniță hexagonală separată.

4.3 | VCL - Vortex Clavicle-HK plate

VCL - Placa Clavicula - HK Vortex

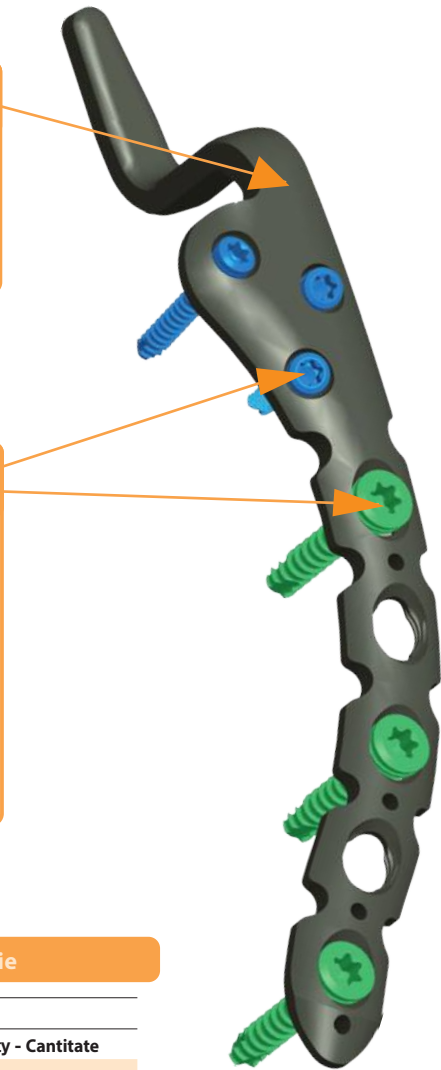
Vortex Clavicle-HK (Hooked) plate
Placa Clavicula - HK (Carlig) Vortex

Left-Right / S; M; L / 3H; 5H
(Hook length 15-18-21)
Stanga-Dreapta / S; M; L; / 3H; 5H
(Lung. Carlig 15-18-21)

Screws
Suruburi

Polyaxial - Poliaxial
Vortex screw - Surub Vortex 2,7 x 8-14 mm
3,5 x 10-22 mm

Normal - Normal
Cortical screw TX - Surub cortical TX 2,7 x 8-14 mm
3,5 x 10-22 mm
Cancellous screw - Surub spongie 4 x 10-100 mm



Vortex Clavicle-HK plate | Placa Clavicula - HK Vortex

Type Tip	Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
S Left 3H	91	280260503
M Left 3H	91	280260513
L Left 3H	91	280260523
S Left 5H	114	280260505
M Left 5H	114	280260515
L Left 5H	114	280260525
S Right 3H	91	280260603
M Right 3H	91	280260613
L Right 3H	91	280260623
S Right 5H	114	280260605
M Right 5H	114	280260615
L Right 5H	114	280260625



Profile - Profil

Width (shaft) - Latime (coada)	10 mm
Thickness - Grosime	3,2 mm

For one operation | Pentru o operatie

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
Vortex Clavicle-HK plate Placa Clavicula - HK Vortex	1
Screws (head) - Suruburi (cap)	3
Screws (shaft) - Suruburi (coada)	3-5

4.3 | **VCL - Vortex Clavicle-HK plate**
VCL - Placa Clavicula - HK Vortex

Vortex screw | Surub Vortex Ø2,7 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
8	260827108
10	260827110
12	260827112
14	260827114

Profile - Profil

Thread Diameter - Diametru filet	2,7 mm
Torx size - Dimensiune Torx	T9
Head Diameter - Diametru cap	4 mm
Pre Hole - Gaura pilot	2 mm

Vortex screw | Surub Vortex Ø3,5 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
10	260835510
12	260835512
14	260835514
16	260835516
18	260835518
20	260835520
22	260835522

Profile - Profil

Thread Diameter - Diametru filet	3,5 mm
Torx size - Dimensiune Torx	T15
Head Diameter - Diametru cap	6 mm
Pre Hole - Gaura pilot	2,8 mm

Vortex closing screw | Surub de zavorare Vortex

Diameter (mm) Diametru (mm)	Size Dimensiune	Anodised Titanium Titan anodizat
3,5	T15	260835501



4.3 | **VCL - Vortex Clavicle-HK plate**
VCL - Placa Clavicula - HK Vortex

Cortical screw - TX | Surub cortical - TX Ø2,7 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
8	267527008
10	267527010
12	267527012
14	267527014

Screw details - Detalii surub

Thread Diameter - Diametru filet	2,7 mm
Torx size - Dimensiune Torx	T9
Head Diameter - Diametru cap	4,5 mm
Pre Hole - Gaura pilot	2 mm

Cortical screw - TX | Surub cortical - TX Ø3,5 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
10	267535010
12	267535012
14	267535014
16	267535016
18	267535018
20	267535020
22	267535022

Screw details - Detalii surub

Thread Diameter - Diametru filet	3,5 mm
Torx size - Dimensiune Torx	T15
Head Diameter - Diametru cap	6 mm
Pre Hole - Gaura pilot	2,8 mm

*4,0 mm Cancellous screw can optionally be used. See 188-189. page. Separate hex screwdriver is needed for insertion.
*Opțional se poate utiliza șurub de spongie de 4,0 mm. Vezi pag. 188-189. Pentru introducere este necesară o șurubelniță hexagonală separată.

4.4 | VCL - Vortex Clavicle-MA plate

VCL - Placă Vortex Clavicula-MA

Vortex Clavicle-MA (Medial Anterior) plate
Placă Vortex Clavicula-MA (Anterior-Medială)

6H; 7H; 8H (80 - 104 mm)

Screws
Șuruburi

Polyaxial - Poliaxiale
Vortex screw - Șuruburi Vortex
3,5 x 10-22 mm

Normal - Normal
Cortical screw TX - Șuruburi corticale TX
3,5 x 10-22 mm
Cancellous screw - Șuruburi de spongie
4 x 10-100 mm

Vortex Clavicle-MA plate | Placă Vortex Clavicula-MA

Type Tip	Length (mm) Lung. (mm)	Anodised Titanium Titan Anodizat
6H	80	280261706
7H	92	280261707
8H	104	280261708

Profile - Profil

Width - Lățime	10 mm
Width - Lățime	3,2 mm

For one operation | Pentru o operație

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
Vortex Clavicle-MA plate Placă Vortex Clavicula-MA	1
Screws - Șuruburi	3-8

4.4 | VCL - Vortex Clavicle-MA plate

VCL - Placă Vortex Clavícula-MA

Vortex screw | Şuruburi Vortex de Ø3,5 mm



Length (mm) Lung. (mm)	Anodised Titanium Titan Anodizat
10	260835510
12	260835512
14	260835514
16	260835516
18	260835518
20	260835520
22	260835522

Screw details - Detalii şurub

Thread Diameter - Diametru corp filetat	3,5 mm
Torx size - Dimensiune Şurubelniţă	T15
Head Diameter - Diametru cap	6 mm
Pre Hole - Pre-gaură	2,8 mm

Cortical screw - TX | Şuruburi corticale - TX Ø3,5 mm



Length (mm) Lung. (mm)	Anodised Titanium Titan Anodizat
10	267535010
12	267535012
14	267535014
16	267535016
18	267535018
20	267535020
22	267535022

Screw details - Detalii şurub

Thread Diameter - Diametru corp filetat	3,5 mm
Torx size - Dimensiune Şurubelniţă	T15
Head Diameter - Diametru cap	6 mm
Pre Hole - Pre-gaură	2,8 mm

Vortex closing screw | Şurub de închidere Vortex



Diameter (mm) Diametru (mm)	Size Mărime	Anodised Titanium Titan Anodizat
3,5	T15	260835501

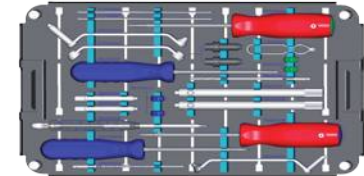
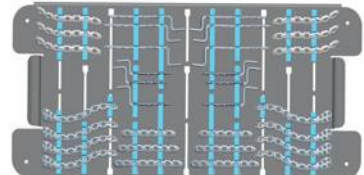
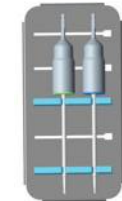
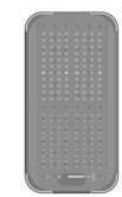
*4,0 mm Cancellous screw can optionally be used. See 188-189. page. Separate hex screwdriver is needed for insertion.

*Se pot utiliza opțional şuruburi de spongie de 4,0 mm, vezi pag. 188-189. Pentru inserția acestora este necesară o şurubelniță hexagonală separată.

VCL - Instrument set

VCL - Instrumentar

Filled up tray | Trusa completă

Description Descriere	Size Mărime	Quantity Cantitate	Cat. no. Cod
Filled up tray VCL Trusa completă VCL			280261800
			
			
			
			

Instruments | Instrumente

Description/Size Descriere/Mărime	Quantity Cantitate	Cat. no. Cod
Screwdriver (T9) Șurubelniță (T9)	1	 210720009
Screwdriver (T15) Șurubelniță (T15)	1	 210720015
Torque screwdriver (T9/1 Nm) (for blue screw) Șurubelniță dinamometrică (T9/1 Nm) (pentru șuruburi albastre)	1	 210510036
Torque screwdriver (T15/1,5 Nm) (for green screw) Șurubelniță dinamometrică (T15/1,5 Nm) (pentru șuruburi verzi)	1	 210510044
Spiral drill with quick-connecting end (2x125 mm) Burghiu spirală cu prindere rapidă (quick-coupling) (2x125 mm)	1	 280114903
Spiral drill with quick-connecting end (2,8x135 mm) Burghiu spirală cu prindere rapidă (quick-coupling) (2,8x135 mm)	1	 280122905

VCL - Instrument set

VCL - Instrumentar

Description/Size Descriere/Mărime	Quantity Cantitate	Cat. no. Cod
Double drill sleeve - PAS (2 mm) Protector dublu de țesut - PAS (2 mm)	1	 280114902
Double drill sleeve - PAS (2,8 mm) Protector dublu de țesut - PAS (2,8 mm)	1	 280122903
Double drill sleeve - V (Small) Protector dublu de țesut - V (Small)	1	 275212902
Kirschner boring wire (1,6x150 mm) Broșă Kirschner (1,6x150 mm)	5	 937516150
Screw forceps Pensă pentru șuruburi	1	 939999002
Drill stop (2 mm) Stopper pentru burghiu (2 mm)	2	 210510222
Drill stop (2,8 mm) Stopper pentru burghiu (2,8 mm)	2	 210510227
Depth gauge (2,7-3,5 mm) Jojă (2,7-3,5 mm)	1	 280114905

Description/Size Descriere/Mărime	Quantity Cantitate	Cat. no. Cod
Plate bender - V (6 mm) Îndoitor de placă - V (6 mm)	2	 280122914
Plate bender (4 mm) Îndoitor de placă (4 mm)	2	 280114901
Tray (empty) VCL Container (gol) VCL	1	 280261801

Instruments - Optional | Instrumente - Opționale

Description/Size Descriere/Mărime	Quantity Cantitate	Cat. no. Cod
Power torque screwdriver (T9/1 Nm) (for blue screw) Șurubelniță dinamometrică (T9/1 Nm) (pentru șuruburi albastre)		 210510047
Power torque screwdriver (T15/1,5 Nm) (for green screw) Șurubelniță dinamometrică (T15/1,5 Nm) (pentru șuruburi verzi)		 210510037

5.1 | VPE - Vortex Reconstruction plate

VPE - Placă de reconstrucție Vortex

Vortex Reconstruction plate

Placă de reconstrucție Vortex

Vortex Reconsturction plate
Placă de reconstrucție Vortex
6H-16H (81-221 mm)

Vortex Reconsturction plate-J
Placă de reconstrucție Vortex-J
10H-16H (118-202 mm)

Vortex Reconsturction plate-curved
Placă de reconstrucție Vortex-curbă
6H;8H (79, 104 mm)

Vortex Reconsturction plate-O
Placă de reconstrucție Vortex-O
4H

Vortex Reconsturction plate-L
Placă de reconstrucție Vortex-L
5H

Screws

Șuruburi

Polyaxial - Poliaxiale
Vortex screw - Șuruburi Vortex
3,5 x 10-80 mm

Normal - Normal
Cortical screw TX - Șuruburi corticale TX
3,5 x 10-120 mm
Cancellous screw - Șuruburi de spongie 4
x 10-100 mm



Vortex Reconstruction plate | Placă de reconstrucție Vortex

Holes	Length (mm)	Anodised Titanium
Găuri	Lung. (mm)	Titan Anodizat
6H	81	270201006
7H	95	270201007
8H	109	270201008
9H	123	270201009
10H	137	270201010
11H	151	270201011
12H	165	270201012
13H	179	270201013
14H	193	270201014
15H	207	270201015
16H	221	270201016

Profile - Profil

Width - Lățime	11 mm
Thickness - Grosime	3 mm



Vortex Reconstruction plate-J | Placă de reconstrucție Vortex-J

Holes	Length (mm)	Anodised Titanium
Găuri	Lung. (mm)	Titan Anodizat
10H	118	270202010
12H	146	270202012
14H	174	270202014
16H	202	270202016

Profile - Profil

Width - Lățime	11 mm
Thickness - Grosime	3 mm
Radius - Raza	88 mm



For one operation | Pentru o operație

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
Vortex Reconstruction plate Placă de reconstrucție Vortex	1
Screws - Șuruburi	4-16

5.1 | VPE - Vortex Reconstruction plate

VPE - Placă de reconstrucție Vortex

Vortex Reconstruction plate-curved | Placă de reconstrucție Vortex-curbă



Holes Găuri	Length (mm) Lung. (mm)	Anodised Titanium Titan Anodizat
6H	79	270203006
8H	104	270203008

Profile - Profil

Width - Lățime	11 mm
Thickness - Grosime	3 mm
Radius - Raza	88 mm

Vortex Reconstruction plate - O | Placă de reconstrucție Vortex-O



Holes Găuri	Anodised Titanium Titan Anodizat
4H	270200002

Profile - Profil

Width - Lățime	12 mm
Thickness - Grosime	3 mm

Vortex Reconstruction plate-L | Placă de reconstrucție Vortex-L



Holes Găuri	Anodised Titanium Titan Anodizat
5H	270200001

Profile - Profil

Width - Lățime	12 mm
Thickness - Grosime	3 mm

*For screws of this plate please see page 70-71.

*Pentru șuruburile compatibile cu această placă vezi pag. 70-71.

5.2 | **VPE - Vortex Symphysis plate**

VPE - Placă pentru simfiza pubiană Vortex

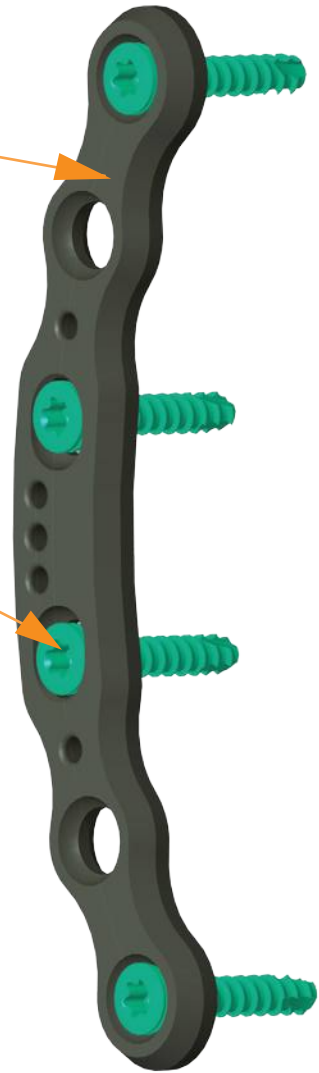
Vortex Symphysis plate
Placă pentru simfiza pubiană Vortex

4H;6H (62;88 mm)

Screws
Șuruburi

Polyaxial - Poliaxiale
Vortex screw - Șuruburi Vortex
3,5 x 10-80 mm

Normal - Normal
Cortical screw TX - Șuruburi corticale TX
3,5 x 10-120 mm
Cancellous screw - Șuruburi de spongie
4 x 10-100 mm



Vortex Symphysis plate | Placă pentru simfiza pubiană Vortex

Holes	Length (mm)	Anodised Titanium
Găuri	Lung. (mm)	Titan Anodizat
4H	62	270204004
6H	88	270204006

Profile - Profil

Width - Lățime	12 mm
Thickness - Grosime	4,5 mm



For one operation | Pentru o operație

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
Vortex symphysis plate Placă pentru simfiza pubiană Vortex	1
Screws - Șuruburi	4-6

5.2 | VPE - Vortex Symphysis plate

VPE - Placă pentru simfiza pubiană Vortex

Vortex screw | Şuruburi Vortex Ø3,5 mm



Length (mm) Lung. (mm)	Anodised Titanium Titan Anodizat	Length (mm) Lung. (mm)	Anodised Titanium Titan Anodizat
10	260835510	40	260835540
12	260835512	42	260835542
14	260835514	44	260835544
16	260835516	46	260835546
18	260835518	48	260835548
20	260835520	50	260835550
22	260835522	55	260835555
24	260835524	60	260835560
26	260835526	65	260835565
28	260835528	70	260835570
30	260835530	75	260835575
32	260835532	80	260835580
34	260835534	85	260835585
36	260835536	90	260835590
38	260835538		

Screw details - Detalii şurub

Thread Diameter - Diametru corp filetat	3,5 mm
Torx size - Dimensiune Şurubelniţă	T15
Head Diameter - Diametru cap	6 mm
Pre Hole - Pre-gaură	2,8 mm

Vortex closing screw | Şurub de închidere Vortex



Diameter (mm) Diametru (mm)	Size Mărime	Anodised Titanium Titan Anodizat
3,5	T15	260835501

*4,0 mm Cancellous screw can optionally be used. See 188-189. page. Separate hex screwdriver is needed for insertion.

*Se pot utiliza opțional şuruburi de spongie de 4,0 mm, vezi pag. 188-189. Pentru inserția acestora este necesară o şurubelniță hexagonală separată.

Cortical screw - TX | Şuruburi corticale - TX Ø3,5 mm

Length (mm) Lung. (mm)	Anodised Titanium Titan Anodizat
10	267535010
12	267535012
14	267535014
16	267535016
18	267535018
20	267535020
22	267535022
24	267535024
26	267535026
28	267535028
30	267535030
32	267535032
34	267535034
35	267535035
36	267535036
38	267535038
40	267535040
42	267535042
44	267535044
45	267535045
46	267535046
48	267535048
50	267535050
55	267535055
60	267535060
65	267535065
70	267535070
75	267535075
80	267535080
85	267535085
90	267535090
95	267535095
100	267535100
105	267535105
110	267535110
115	267535115
120	267535120



Screw details -
Detalii şurub

Thread Diameter -
Diametru corp filetat

3,5
mm

Torx size -
Dimensiune Şurubelniță

T15

Head Diameter -
Diametru cap

6
mm

Pre Hole -
Pre-gaură

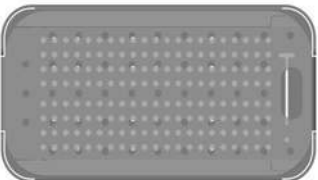
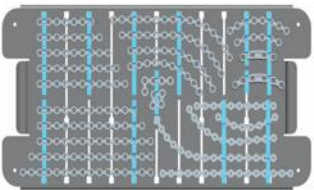
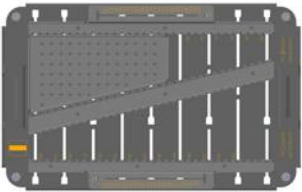
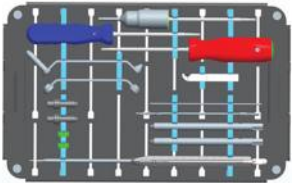
2,8
mm

VPE - Instrurment set

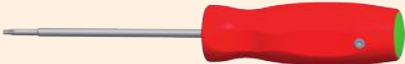
VPE - Instrumentar

Filled up tray | Trusa completă

Description Descriere	Size Mărimă	Quantity Cantitate	Cat. no. Cod
Filled up tray VPE Trusa completă VPE			270201800

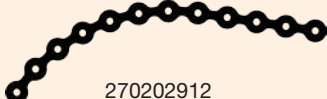
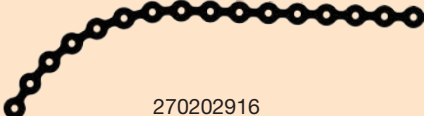


Instruments | Instrumente

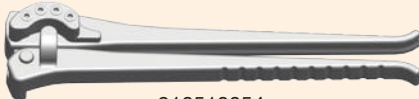
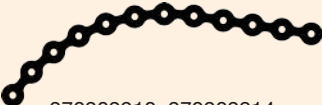
Description/Size Descriere/Mărimă	Quantity Cantitate	Cat. no. Cod
Screwdriver (T15) Șurubelniță (T15)	1	 210720015
Torque screwdriver (T15/1,5 Nm) (for green screw) Șurubelniță dinamometrică (T15/1,5 Nm) (pentru șuruburi verzi)	1	 210510044
Double drill sleeve - V (Small) neutral/compression Protector dublu de țesut - V (Small) compresie neutră	1	 275212902
Double drill sleeve - PAS (2,8 mm) Protector dublu de țesut - PAS (2,8 mm)	1	 280122903
Plate bender (6 mm) Îndoitor de placă (6 mm)	2	 280122907
Spiral drill with quick-connecting end (2,8x165 mm) Burghiu spirală cu prindere rapidă (quick-coupling) (2,8x165 mm)	2	 240300904
Drill stop (2,8 mm) Stopper pentru burghiu (2,8 mm)	4	 210510227

VPE - Instrument set

VPE - Instrumentar

Description/Size Descriere/Mărime	Quantity Cantitate	Cat. no. Cod
Depth gauge (2,7 - 3,5 mm LONG) Jojă (2,7-3,5 mm)	1	 280122917
Kirschner boring wire (2x150 mm) Broșă Kirschner (2x150 mm)	5	 937520150
Screw forceps Pensă pentru șuruburi	1	 939999002
Vortex reconstruction plate - trial - 10 H Placă de reconstrucție Vortex - probă - 10 H	4	 270201910
Vortex reconstruction plate - trial - 16 H Placă de reconstrucție Vortex - probă - 16 H	4	 270201916
Vortex reconstruction plate - J - trial - 12 H Placă de reconstrucție Vortex - J - probă - 12 H	4	 270202912
Vortex reconstruction plate - J - trial - 16 H Placă de reconstrucție Vortex - J - probă - 16 H	4	 270202916
Vortex reconstruction plate - curved - trial - 8 H Placă de reconstrucție Vortex - curbă - probă - 8 H	4	 270203908
Tray (empty) VPE Container (gol) VPE	1	 270201801

Instruments - Optional | Instrumente - Opționale

Description/Size Descriere/Mărime	Quantity Cantitate	Cat. no. Cod
Power torque screwdriver (T15/1,5 Nm) (for green screw) Șurubelniță dinamometrică (T15/1,5 Nm) (pentru șuruburi verzi)		 210510037
Plate bender Îndoitor de placă		 210510054
Vortex reconstruction plate - trial - 7-15 H Placă de reconstrucție Vortex - probă - 7-15 H		 270201907, 270201908, 270201909, 270201911, 270201912, 270201913, 270201914, 270201915
Vortex reconstruction plate - J - trial - 10, 14 H Placă de reconstrucție Vortex - J - probă - 10, 14 H		 270202910, 270202914
Vortex reconstruction plate - curved - trial - 6 H Placă de reconstrucție Vortex - curbă - probă - 6 H		 270203906

6.1 | **VDF - Vortex Distal Femur plate**

VDF - Placă de Femur Distal Vortex

VDF plate | Placă VDF

7 H head - 7 H fej
6H-16H shaft - 6H-16H szár
(167 - 345 mm)

Screws
Șuruburi

Polyaxial - Poliaxiale
Vortex screw - Șuruburi Vortex
5,1 x 12-80 mm

Normal - Normal
Cortical screw TX - Șuruburi corticale TX
5,1 x 20-55 mm
Cancellous screw - Șuruburi de spongie
6,5 x 65-80 mm



For one operation | Pentru o operație

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
VDF plate - Placa VDF	1
Screws - Șuruburi (cap)	7
Screws - Șuruburi (coadă)	6-16

Vortex Distal Femur plate | Placă de Femur Distal Vortex

Type Tip	Holes Găuri	Length (mm) Lung. (mm)	Anodised Titanium Titan Anodizat
Left - Stânga	7 + 6	167	280251506
Left - Stânga	7 + 8	203	280251508
Left - Stânga	7 + 10	239	280251510
Left - Stânga	7 + 12	274	280251512
Left - Stânga	7 + 14	310	280251514
Left - Stânga	7 + 16	345	280251516
Right - Dreapta	7 + 6	167	280251606
Right - Dreapta	7 + 8	203	280251608
Right - Dreapta	7 + 10	239	280251610
Right - Dreapta	7 + 12	274	280251612
Right - Dreapta	7 + 14	310	280251614
Right - Dreapta	7 + 16	345	280251616

Profile - Profil

Width (head) - Lățime (cap)	35 mm
Width (shaft) - Lățime (coadă)	17 mm
Thickness (head) - Grosime (cap)	5 mm
Thickness (shaft) - Grosime (coadă)	6,6 mm



6.1 | VDF - Vortex Distal Femur plate

VDF - Placă de Femur Distal Vortex

Vortex screw | Şuruburi Vortex Ø5,1 mm



Length (mm) Lung. (mm)	Anodised Titanium Anodizált titán	Length (mm) Lung. (mm)	Anodised Titanium Anodizált titán
12 (vârf bont)	260851012	38	260851038
14 (vârf bont)	260851014	40	260851040
16 (vârf bont)	260851016	42	260851042
18 (vârf bont)	260851018	44	260851044
20	260851020	46	260851046
22	260851022	48	260851048
24	260851024	50	260851050
26	260851026	55	260851055
28	260851028	60	260851060
30	260851030	65	260851065
32	260851032	70	260851070
34	260851034	75	260851075
36	260851036	80	260851080

Screw details - Detalii şurub

Thread Diameter - Diametru corp filetat	5,1 mm
Torx size - Dimensiune Şurubelniţă	T25
Head Diameter - Diametru cap	7,75 mm
Pre Hole - Pre-gaură	4,0 mm

Cortical screw - TX | Şuruburi corticale - TX Ø5,1 mm



Length (mm) Lung. (mm)	Anodised Titanium Anodizált titán
20	267551020
22	267551022
24	267551024
26	267551026
28	267551028
30	267551030
32	267551032
34	267551034
36	267551036
38	267551038
40	267551040
42	267551042
44	267551044
46	267551046
48	267551048
50	267551050
55	267551055
60	267551060
65	267551065
70	267551070
75	267551075
80	267551080

Screw details - Detalii şurub

Thread Diameter - Diametru corp filetat	5,1 mm
Torx size - Dimensiune Şurubelniţă	T25
Head Diameter - Diametru cap	8 mm
Pre Hole - Pre-gaură	4,0 mm

*6,5 mm Cancellous screw (A, B 65-80 mm) can optionally be used. See 190-191. page. Separate hex screwdriver is needed for insertion.

*Se pot utiliza opțional şuruburi de spongie de 6,5 mm (A, B 65-80 mm), vezi pag. 190-191. Pentru inserția acestora este necesară o şurubelniță hexagonală separată.

Vortex closing screw | Şurub de închidere Vortex



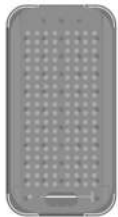
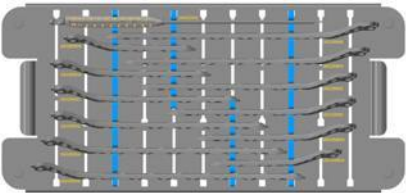
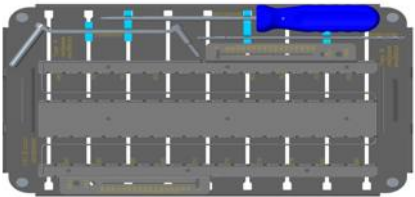
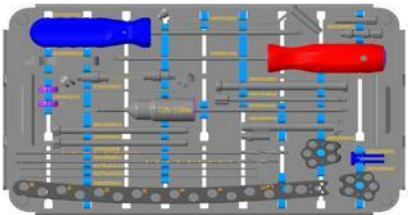
Diameter (mm) Diametru (mm)	Size Mărime	Anodised Titanium Titan Anodizat
5,1	T25	260851001

6.1 | **VDF - Vortex Distal Femur plate**

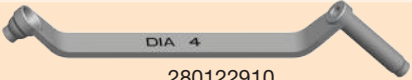
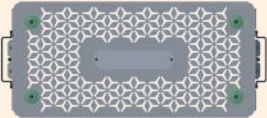
VDF - Placă de Femur Distal Vortex

Filled up tray | Trusa completă

Description Descriere	Size Mărime	Quantity Cantitate	Cat. no. Cod
Filled up tray VDF Trusa completă VDF			233800024



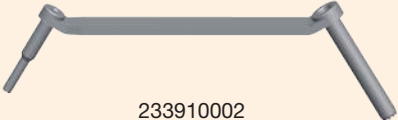
Instruments | Instrumente

Description/Size Descriere/Mărime	Quantity Cantitate	Cat. no. Cod
Target device - VDF plate Dispozitiv de țintire - Placa VDF	1	 280251902
Screwdriver (T25) Șurubelniță (T25)	1	 210720025
Torque screwdriver (T25/3,5 Nm) (for purple screw) Șurubelniță dinamometrică (T25/3,5 Nm) (pentru șuruburi mov)	1	 210510046
Depth gauge (10-90 mm) Jojă (10-90 mm)	1	 280122912
Double drill sleeve - PAS (4 mm) Protector dublu de țesut - PAS (4 mm)	1	 280122910
Double drill sleeve - V (Large) neutral/compression Protector dublu de țesut - V (Large) compresie neutră	1	 275214902
Kirschner wire (2x230 mm) Broșă Kirschner (2x230 mm)	5	 937520230
Screw forceps Pensă pentru șuruburi	1	 939999002
Drill stop (4 mm) Stopper pentru burghiu (4 mm)	2	 210510240
Spiral drill with quick-connecting end (4x250 mm) Burghiu spirală cu prindere rapidă (quick-coupling) (4x250 mm)	1	 280251903
Spiral drill with quick-connecting end (4x260 mm) Burghiu spirală cu prindere rapidă (quick-coupling) (4x260 mm)	1	 280122915
Tray (empty) VDF Container (gol) VDF	1	 233800025

6.1 | **VDF - Vortex Distal Femur plate**

VDF - Placă de Femur Distal Vortex

Instruments - Optional | Instrumente - Opționale

Description/Size Descriere/Mărime	Quantity Cantitate	Cat. no. Cod
Power torque screwdriver (T25/3,5 Nm) (for purple screw) Șurubelniță dinamometrică (T25/3,5 Nm) (pentru șuruburi mov)		 210510048
Spiral drill with quick connecting end (3,2x195 mm) Burghiu spirală cu prindere rapidă (quick-coupling) (3,2x195 mm)		 939532195
Screwdriver for collet (3,5 mm) Șurubelniță (3,5 mm)		 210700035
Double drill sleeve (6,5/3,2 mm) Protector dublu de țesut (6,5/3,2 mm)		 233910002

6.2 | VPF - Vortex Proximal Femur plate

VPF - Placă de Femur Proximal Vortex

VPF plate | Placă VPF

2 H - 12 H
(107 - 287 mm)

Screws Șuruburi

Polyaxial - Poliaxiale
Vortex screw - Șuruburi Vortex
5,1 x 12-80 mm

Normal - Normal
Cortical screw TX - Șuruburi corticale TX
5,1 x 20-55 mm
Cancellous screw - Șuruburi de spongie
6,5 x 65-80 mm



Vortex Proximal Femur plate | Placă de Femur Proximal Vortex

Holes Găuri	Length (mm) Lung. (mm)	Anodised Titanium Titan Anodizat
2	107	280251702
4	143	280251704
6	179	280251706
8	215	280251708
10	251	280251710
12	287	280251712



Profile - Profil

Width (head) - Lățime (cap)	20 mm
Width (shaft) - Lățime (coadă)	17 mm
Thickness (head) - Grosime (cap)	2-6 mm
Thickness (shaft) - Grosime (coadă)	6,6 mm

For one operation | Pentru o operație

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
VPF plate - Placa VPF	1
Screws - Șuruburi (cap)	2
Screws - Șuruburi (coadă)	3

6.2 | VPF - Vortex Proximal Femur plate

VPF - Placă de Femur Proximal Vortex

Vortex screw | Şuruburi Vortex Ø5,1 mm



Length (mm) Lung. (mm)	Anodised Titanium Titan Anodizat	Length (mm) Hossz (mm)	Anodised Titanium Titan Anodizat
12 (blunt tip)	260851012	38	260851038
14 (blunt tip)	260851014	40	260851040
16 (blunt tip)	260851016	42	260851042
18 (blunt tip)	260851018	44	260851044
20	260851020	46	260851046
22	260851022	48	260851048
24	260851024	50	260851050
26	260851026	55	260851055
28	260851028	60	260851060
30	260851030	65	260851065
32	260851032	70	260851070
34	260851034	75	260851075
36	260851036	80	260851080

Screw details - Detalii şurub

Thread Diameter - Diametru corp filetat	5,1 mm
Torx size - Dimensiune Şurubelniţă	T25
Head Diameter - Diametru cap	7,75 mm
Pre Hole - Pre-gaură	4,0 mm

Vortex closing screw | Şurub de închidere Vortex



Diameter (mm) Diametru (mm)	Size Mărime	Anodised Titanium Titan Anodizat
5,1	T25	260851001

Cortical screw - TX | Şuruburi corticale - TX Ø5,1 mm

Length (mm) Lung. (mm)	Anodised Titanium Titan Anodizat
20	267551020
22	267551022
24	267551024
26	267551026
28	267551028
30	267551030
32	267551032
34	267551034
36	267551036
38	267551038
40	267551040
42	267551042
44	267551044
46	267551046
48	267551048
50	267551050
55	267551055
60	267551060
65	267551065
70	267551070
75	267551075
80	267551080



Screw details - Detalii şurub

Thread Diameter - Diametru corp filetat	5,1 mm
Torx size - Dimensiune Şurubelniţă	T25
Head Diameter - Diametru cap	8 mm
Pre Hole - Pre-gaură	4,0 mm

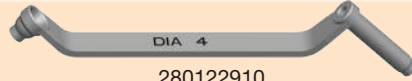
*6,5 mm Cancellous screw (A, B 65-80 mm) can optionally be used. See 190-191. page. Separate hex screwdriver is needed for insertion.

*Se pot utiliza opțional şuruburi de spongie de 6,5 mm (A, B 65-80 mm), vezi pag. 190-191. Pentru inserția acestora este necesară o şurubelniță hexagonală separată.

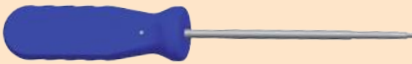
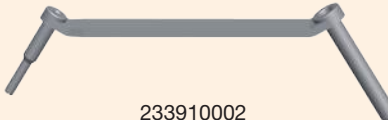
6.2 | VPF - Vortex Proximal Femur plate

VPF - Placă de Femur Proximal Vortex

Instruments | Instrumente

Description/Size Descriere/Mărime	Quantity Cantitate	Cat. no. Cod
Screwdriver (T25) Șurubelniță (T25)	1	 210720025
Torque screwdriver (T25/3,5 Nm) (for purple screw) Șurubelniță dinamometrică (T25/3,5 Nm) (pentru șuruburi mov)	1	 210510046
Depth gauge (10-90 mm) Jojă (10-90 mm)	1	 280122912
Double drill sleeve - PAS (4 mm) Protector dublu de țesut - PAS (4 mm)	1	 280122910
Double drill sleeve - V (Large) neutral/compression Protector dublu de țesut - V (Large) compresie neutră	1	 275214902
Kirschner wire (2x230 mm) Broșă Kirschner (2x230 mm)	6	 937520230
Screw forceps Pensă pentru șuruburi	1	 939999002
Drill stop (4 mm) Stopper pentru burghiu (4 mm)	2	 210510240
Spiral drill with quick-connecting end (4x250 mm) Burghiu spirală cu prindere rapidă (quick-coupling) (4x250 mm)	1	 280251903
Spiral drill with quick-connecting end (4x260 mm) Burghiu spirală cu prindere rapidă (quick-coupling) (4x260 mm)	1	 280122915

Instruments - Optional | Instrumente - Opționale

Description/Size Descriere/Mărime	Quantity Cantitate	Cat. no. Cod
Power torque screwdriver (T25/3,5 Nm) (for purple screw) Șurubelniță dinamometrică (T25/3,5 Nm) (pentru șuruburi mov)	1	 210510048
Spiral drill with quick connecting end (3,2x195 mm) Burghiu spirală cu prindere rapidă (quick-coupling) (3,2x195 mm)	1	 939532195
Screwdriver for collet (3,5 mm) Șurubelniță (3,5 mm)	1	 210700035
Double drill sleeve (6,5/3,2 mm) Protector dublu de țesut (6,5/3,2 mm)	1	 233910002

7.1 | **VPT - Vortex Proximal Tibia plate - L**
VPT - Placă de Tibie Proximală - L Vortex

VPT plate-L | Placă VPT-L

6 H head - 6 H cap
2H-12 H shaft - 2H-12H coadă
(98,5 - 258,5 mm)

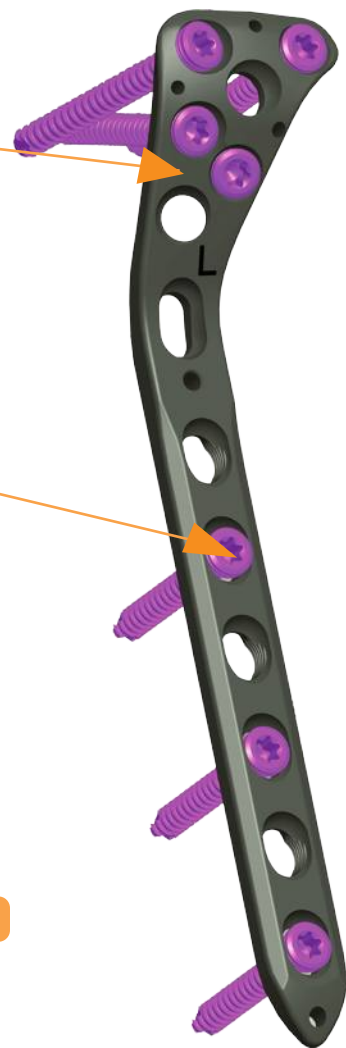
Screws
Șuruburi

Polyaxial - Poliaxiale
Vortex screw - Șuruburi Vortex
5,1 x 24-80 mm

Normal - Normal
Cortical screw TX - Șuruburi corticale TX
5,1 x 24-40 mm
Cancellous screw - Șuruburi de spongie
6,5 x 65-80 mm

For one operation | Pentru o operație

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
VPT plate-L - Placa VPT-L	1
Screws - Șuruburi (cap)	6
Screws - Șuruburi (coadă)	2-12



Vortex Proximal Tibia plate - L | Placă de Tibie Proximală - L Vortex

Type Tip	Holes Găuri	Length (mm) Lung. (mm)	Anodised Titanium Titan Anodizat
Left - Stânga	6 + 2	98,5	280122702
Left - Stânga	6 + 4	130,5	280122704
Left - Stânga	6 + 6	162,5	280122706
Left - Stânga	6 + 8	194,5	280122708
Left - Stânga	6 + 10	226,5	280122710
Left - Stânga	6 + 12	258,5	280122712
Right - Dreapta	6 + 2	98,5	280122802
Right - Dreapta	6 + 4	130,5	280122804
Right - Dreapta	6 + 6	162,5	280122806
Right - Dreapta	6 + 8	194,5	280122808
Right - Dreapta	6 + 10	226,5	280122810
Right - Dreapta	6 + 12	258,5	280122812

Profile - Profil

Width (head) - Lățime (cap)	34,6 mm
Width (shaft) - Lățime (coadă)	14 mm
Thickness (head) - Grosime (cap)	4 mm
Thickness (shaft) - Grosime (coadă)	5 mm



7.1 | **VPT-Vortex Proximal Tibia plate-L**
VPT - Placă de Tibie Proximală - L Vortex

Vortex screw | Șuruburi Vortex Ø5,1 mm



Length (mm) Lung. (mm)	Anodised Titanium Titan Anodizat
24	260851024
26	260851026
28	260851028
30	260851030
32	260851032
34	260851034
36	260851036
38	260851038
40	260851040
42	260851042
44	260851044
46	260851046
48	260851048
50	260851050
55	260851055
60	260851060
65	260851065
70	260851070
75	260851075
80	260851080

Screw details - Detalii șurub

Thread Diameter - Diametru corp filetat	5,1 mm
Torx size - Dimensiune Șurubelniță	T25
Head Diameter - Diametru cap	7,75 mm
Pre Hole - Pre-gaură	4,0 mm

Vortex closing screw | Șurub de închidere Vortex



Diameter (mm) Diametru (mm)	Size Mărime	Anodised Titanium Titan Anodizat
5,1	T25	260851001

Cortical screw - TX | Șuruburi corticale - TX Ø5,1 mm

Length (mm) Lung. (mm)	Anodised Titanium Titan Anodizat
24	267551024
26	267551026
28	267551028
30	267551030
32	267551032
34	267551034
36	267551036
38	267551038
40	267551040
42	267551042
44	267551044
46	267551046
48	267551048
50	267551050
55	267551055
60	267551060
65	267551065
70	267551070
75	267551075
80	267551080



Screw details - Detalii șurub

Thread Diameter - Diametru corp filetat	5,1 mm
Torx size - Dimensiune Șurubelniță	T25
Head Diameter - Diametru cap	8 mm
Pre Hole - Pre-gaură	4,0 mm

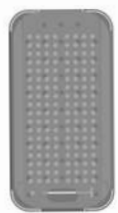
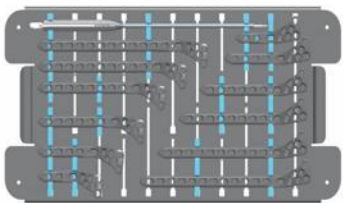
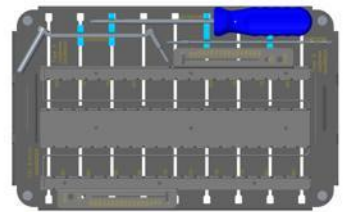
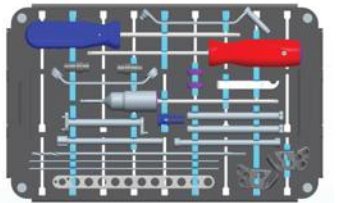
*6,5 mm Cancellous screw (A, B 65-80 mm) can optionally be used. See 190-191. page. Separate hex screwdriver is needed for insertion.

*Se pot utiliza opțional șuruburi de spongie de 6,5 mm (A, B 65-80 mm), vezi pag. 190-191. Pentru inserția acestora este necesară o șurubelniță hexagonală separată.

7.1 | **VPT-Vortex Proximal Tibia plate-L**
VPT - Placă de Tibie Proximală - L Vortex

Filled up tray | Trusa completă

Description Descriere	Size Mărime	Quantity Cantitate	Cat. no. Cod
Filled up tray VPT Trusa completă VPT			233800022



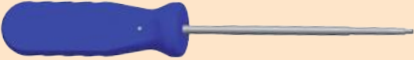
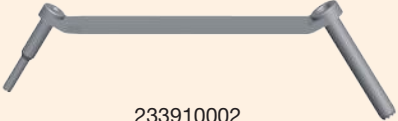
Instruments | Instrumente

Description/Size Descriere/Mărime	Quantity Cantitate	Cat. no. Cod
Target device - VPT plate Dispozitiv de țintire - Placa VPT	1	 280122909
Screwdriver (T25) Șurubelniță (T25)	1	 210720025
Torque screwdriver (T25/3,5 Nm) (for purple screw) Șurubelniță dinamometrică (T25/3,5 Nm) (pentru șuruburi mov)	1	 210510046
Depth gauge (10-90 mm) Jojă (10-90 mm)	1	 280122912
Double drill sleeve - PAS (4 mm) Protector dublu de țesut - PAS (4 mm)	1	 280122910
Double drill sleeve - V (Large) neutral/ compression Protector dublu de țesut - V (Large) compresie neutră	1	 275214902
Kirschner wire (2x230 mm) Broșă Kirschner (2x230 mm)	5	 937520230
Screw forceps Pensă pentru șuruburi	1	 939999002
Drill stop (4 mm) Stopper pentru burghiu (4 mm)	2	 210510240
Spiral drill with quick-connecting end (4x250mm) Burghiu spirală cu prindere rapidă (quick-coupling) (4x250 mm)	1	 280122915
Tray (empty) VDF Container (gol) VDF	1	 233800023

7.1 | **VPT-Vortex Proximal Tibia plate-L**

VPT - Placă de Tibie Proximală - L Vortex

Instruments - Optional | Instrumente - Opționale

Description/Size Descriere/Mărime	Quantity Cantitate	Cat. no. Cod
Power torque screwdriver (T25/3,5 Nm) (for purple screw) Șurubelniță dinamometrică (T25/3,5 Nm) (pentru șuruburi mov)		 210510048
Spiral drill with quick connecting end (3,2x195 mm) Burghiu spirală cu prindere rapidă (quick-coupling) (3,2x195 mm)		 939532195
Screwdriver for collet (3,5 mm) Șurubelniță (3,5 mm)		 210700035
Double drill sleeve (6,5/3,2 mm) Protector dublu de țesut (6,5/3,2 mm)		 233910002

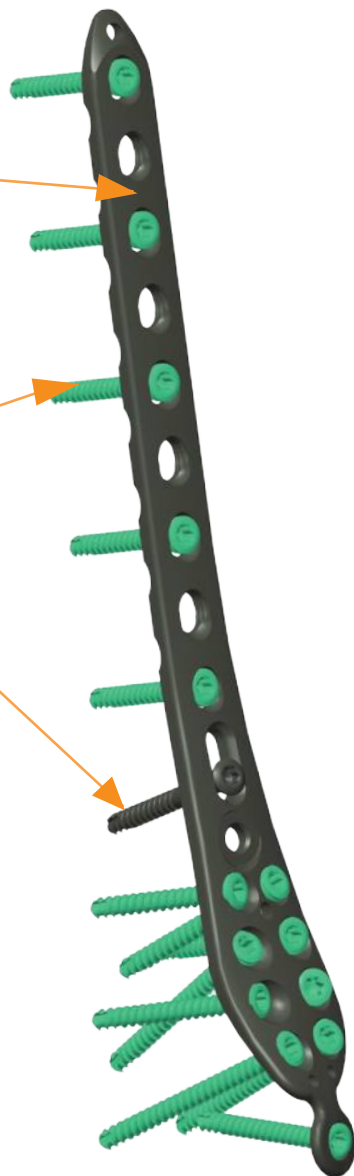
7.2 | **VDT - Vortex Distal Tibia plate-M**
VDT - Placă de Tibie Distală - M Vortex

VDT plate-M | Placă VDT-M
Left-Right 6H-18H (137-281 mm)
Stânga-Dreapta 6H-18H (137-281 mm)

Screws
Șuruburi
Polyaxial - Poliaxiale
Vortex screw - Șuruburi Vortex
3,5 x 10-50 mm
Normal - Normal
Cortical screw TX - Șuruburi corticale TX
3,5 x 10-50 mm

For one operation | Pentru o operație

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
VDT plate-M - Placa VDT-M	1
Screws - Șuruburi (cap)	9
Screws - Șuruburi (coadă)	6-18



Vortex Distal Tibia plate-M | Placă de Tibie Distală - M Vortex

Type Tip	Holes Găuri	Length (mm) Lung. (mm)	Anodised Titanium Titan Anodizat
Left - Stânga	9 + 6	137	280122506
Left - Stânga	9 + 8	161	280122508
Left - Stânga	9 + 10	185	280122510
Left - Stânga	9 + 12	209	280122512
Left - Stânga	9 + 14	233	280122514
Left - Stânga	9 + 16	257	280122516
Left - Stânga	9 + 18	281	280122518
Right - Dreapta	9 + 6	137	280122606
Right - Dreapta	9 + 8	161	280122608
Right - Dreapta	9 + 10	185	280122610
Right - Dreapta	9 + 12	209	280122612
Right - Dreapta	9 + 14	233	280122614
Right - Dreapta	9 + 16	257	280122616
Right - Dreapta	9 + 18	281	280122618

Profile - Profil

Width (head) - Lățime (cap)	23,5 mm
Width (shaft) - Lățime (coadă)	12 mm
Thickness (head) - Grosime (cap)	3 mm
Thickness (shaft) - Grosime (coadă)	4 mm



7.2 | **VDT - Vortex Distal Tibia plate-M**
VDT - Placă de Tibie Distală -M Vortex

Vortex screw | Şuruburi Vortex Ø3,5 mm



Length (mm) Lung. (mm)	Anodised Titanium Titan Anodizat
10	260835510
12	260835512
14	260835514
16	260835516
18	260835518
20	260835520
22	260835522
24	260835524
26	260835526
28	260835528
30	260835530
32	260835532
34	260835534
36	260835536
38	260835538
40	260835540
42	260835542
44	260835544
46	260835546
48	260835548
50	260835550

Screw details - Detalii şurub

Thread Diameter - Diametru corp filetat	3,5 mm
Torx size - Dimensiune Şurubelniţă	T15
Head Diameter - Diametru cap	6 mm
Pre Hole - Pre-gaură	2,8 mm

Vortex closing screw | Şurub de închidere Vortex



Diameter (mm) Diametru (mm)	Size Mărime	Anodised Titanium Titan Anodizat
3,5	T15	260835501

Cortical screw - TX | Şuruburi corticale - TX Ø3,5 mm

Length (mm) Lung. (mm)	Anodised Titanium Titan Anodizat
10	267535010
12	267535012
14	267535014
16	267535016
18	267535018
20	267535020
22	267535022
24	267535024
26	267535026
28	267535028
30	267535030
32	267535032
34	267535034
35	267535035
36	267535036
38	267535038
40	267535040
42	267535042
44	267535044
45	267535045
46	267535046
48	267535048
50	267535050



Screw details - Detalii şurub

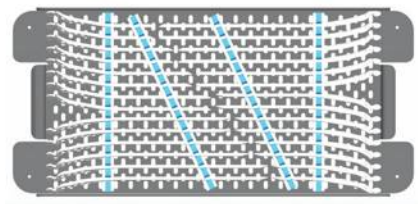
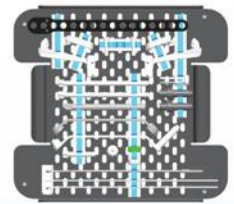
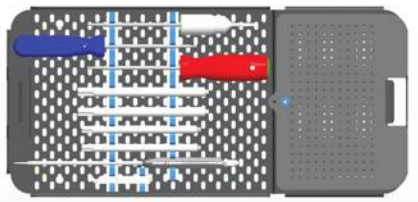
Thread Diameter - Diametru corp filetat	3,5 mm
Torx size - Dimensiune Şurubelniţă	T15
Head Diameter - Diametru cap	6 mm
Pre Hole - Pre-gaură	2,8 mm

7.2 | VDT - Vortex Distal Tibia plate-M

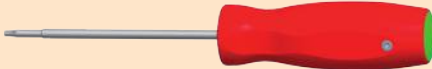
VDT - Placă de Tibie Distală -M Vortex

Filled up tray | Trusa completă

Description Descriere	Size Mărime	Quantity Cantitate	Cat. no. Cod
Filled up tray VDT Trusa completă VDT			233800018



Instruments | Instrumente

Description/Size Descriere/Mărime	Quantity Cantitate	Cat. no. Cod
Target device - VDT plate Dispozitiv de ținere - Placa VDT	1	 280122902
Screwdriver (T15) Șurubelniță (T25)	1	 210720015
Torque screwdriver (T15/1,5 Nm) (for green screw) Șurubelniță dinamometrică (T15/1,5 Nm) (pentru șuruburi verzi)	1	 210510044
Plate bender (6 mm) Îndoitor de placă (6 mm)	2	 280122907
Plate bender - V (6 mm) Îndoitor de placă - V (6 mm)	2	 280122914
Depth gauge (8-60 mm) Joă (8-60 mm)	1	 280122904
Double drill sleeve - PAS (2,8 mm) Protector dublu de țesut - PAS (2,8 mm)	1	 280122903

7.2 | VDT - Vortex Distal Tibia plate-M

VDT - Placă de Tibie Distală -M Vortex

Description/Size Descriere/Mărime	Quantity Cantitate	Cat. no. Cod
Double drill sleeve - V (Small) neutral/kompres-sion Protector dublu de țesut - V (Small) compresie neutră	1	 275212902
Spiral drill with quick coupling end (2,8x190 mm) Burghiu spirală cu prindere rapidă (quick-coupling) (2,8x190 mm)	2	 280122906
Kirschner boring wire (2x210 mm) Broșă Kirschner (2x210 mm)	6	 937520210
Screw forceps Pensă pentru șuruburi	1	 939999002
Drill stop (2,8 mm) Stopper pentru burghiu (2,8 mm)	2	 210510227
Tray (empty) VDT Container (gol) VDT	1	 233800019

Instruments - Optional | Instrumente - Opționale

Description/Size Descriere/Mărime	Quantity Cantitate	Cat. no. Cod
Power torque screwdriver (T15/1,5 Nm) (for green screw) Șurubelniță dinamometrică (T15/1,5 Nm) (pentru șuruburi verzi)		 210510037

8.1 | VDP - Vortex Diaphysis plate, Large

VDP - Placă de diafiză Vortex, Large

Vortex Diaphysis plate, Large
Placă de diafiză Vortex, Large

Large (Single row - Un singur rând de găuri) 6H-16H (113-273 mm)
XLarge (Double row - Rând dublu de găuri) 6H-16H (123-303 mm)

Screws
Șuruburi

Polyaxial - Poliaxiale
Vortex screw - Șuruburi Vortex
5,1 x 20-80 mm

Normal - Normal
Cortical screw TX - Șuruburi corticale TX
5,1 x 20-80 mm
Cancellous screw - Șuruburi de spongie
6,5 x 25-80 mm



For one operation | Pentru o operație

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
Vortex Diaphysis plate, Large Placă de diafiză Vortex, Large	1
Screws - Șuruburi	6-16

Vortex Diaphysis plate, Large | Placă de diafiză Vortex, Large

Size Mărime	Holes Găuri	Length (mm) Lung. (mm)	Anodised Titanium Titan Anodizat
Large	6H	113	275214006
Large	7H	129	275214007
Large	8H	145	275214008
Large	9H	161	275214009
Large	10H	177	275214010
Large	11H	193	275214011
Large	12H	209	275214012
Large	14H	241	275214014
Large	16H	273	275214016

Profile - Profil

Width - Lățime	15 mm
Thickness - Grosime	5 mm



Vortex Diaphysis plate XLarge | Placă de diafiză Vortex, XLarge (XL)

Size Mărime	Holes Găuri	Length (mm) Lung. (mm)	Anodised Titanium Titan Anodizat
XLarge	6H	123	275216006
XLarge	7H	141	275216007
XLarge	8H	159	275216008
XLarge	9H	177	275216009
XLarge	10H	195	275216010
XLarge	11H	213	275216011
XLarge	12H	231	275216012
XLarge	14H	267	275216014
XLarge	16H	303	275216016

Profile - Profil

Width - Lățime	17 mm
Thickness - Grosime	6,6 mm



8.1 | VDP - Vortex Diaphysis plate, Large

VDP - Placă de diafiză Vortex, Large

Vortex curved plate | Placa curbă Vortex



Size Mărime	Holes Găuri	Length (mm) Lung. (mm)	Anodised Titanium Titan Anodizat
XLarge	12H	230,2	275216112
XLarge	14H	266	275216114
XLarge	16H	301,6	275216116
XLarge	18H	337,2	275216118
XLarge	20H	372,7	275216120
XLarge	22H	408,1	275216122

Profile - Profil

Width - Lățime	17 mm
Thickness - Grosime	6,6 mm

8.1 | VDP - Vortex Diaphysis plate, Large

VDP - Placă de diafiză Vortex, Large

Vortex screw | Şuruburi Vortex Ø5,1 mm



Length (mm) Lung. (mm)	Anodised Titanium Titan Anodizat
12 (vârf bont)	260851012
14 (vârf bont)	260851014
16 (vârf bont)	260851016
18 (vârf bont)	260851018
20	260851020
22	260851022
24	260851024
26	260851026
28	260851028
30	260851030
32	260851032
34	260851034
36	260851036
38	260851038
40	260851040
42	260851042
44	260851044
46	260851046
48	260851048
50	260851050
55	260851055
60	260851060
65	260851065
70	260851070
75	260851075
80	260851080

Screw details - Detalii şurub

Thread Diameter - Diametru corp filetat	5,1 mm
Torx size - Dimensiune Şurubelniţă	T25
Head Diameter - Diametru cap	7,75 mm
Pre Hole - Pre-gaură	4,0 mm

Vortex closing screw | Şurub de închidere Vortex



Diameter (mm) Diametru (mm)	Size Mărime	Anodised Titanium Titan Anodizat
5,1	T25	260851001

Cortical screw - TX | Şuruburi corticale - TX Ø5,1 mm

Length (mm) Lung. (mm)	Anodised Titanium Titan Anodizat
20	267551020
22	267551022
24	267551024
26	267551026
28	267551028
30	267551030
32	267551032
34	267551034
36	267551036
38	267551038
40	267551040
42	267551042
44	267551044
46	267551046
48	267551048
50	267551050
55	267551055
60	267551060
65	267551065
70	267551070
75	267551075
80	267551080



Screw details - Detalii şurub

Thread Diameter - Diametru corp filetat	5,1 mm
Torx size - Dimensiune Şurubelniţă	T25
Head Diameter - Diametru cap	8 mm
Pre Hole - Pre-gaură	4,0 mm

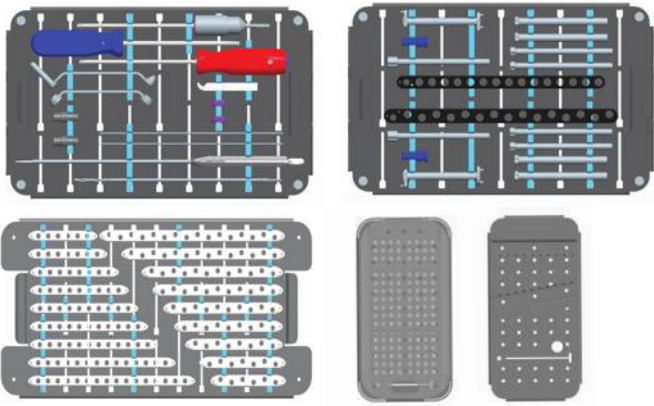
*6,5 mm Cancellous screw (A, B 65-80 mm) can optionally be used. See 190-191. page. Separate hex screwdriver is needed for insertion.

*Se pot utiliza opțional şuruburi de spongie de 6,5 mm (A, B 65-80 mm), vezi pag. 190-191. Pentru inserția acestora este necesară o şurubelniță hexagonală separată.

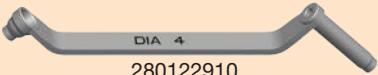
8.1 | VDP - Vortex Diaphysis plate, Large

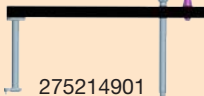
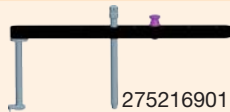
VDP - Placă de diafiză Vortex, Large

Filled up tray | Trusa completă

Description Descriere	Size Marime	Quantity Cantitate	Cat. no. Cod
Filled up tray VDP Trusa completă VDP	Large		275214800
			

Instrument | Műszerek

Description/Size Descriere/Marime	Quantity Cantitate	Cat. no. Cod
Screwdriver (T25) Șurubelniță (T25)	1	 210720025
Torque screwdriver (T25/3,5 Nm) (for purple screw) Șurubelniță dinamometrică(T25/3,5 Nm) (pentru suruburi mov)	1	 210510046
Spiral drill with quick connecting end Burghiu spirală cu prindere rapidă (quick-coupling)(4x260 mm)	1	 280122915
Double drill sleeve - PAS (4 mm) Double drill sleeve - PAS (4 mm)	1	 280122910

Description/Size Descriere/Mărime	Quantity Cantitate	Cat. no. Cod
Double drill sleeve - V (Large) neutral/kompres-sion Protector dublu de țesut - V (Large) neutru/de compresie	1	 275214902
Kirschner boring wire (2x230mm) Broșă Kirschner (2x230 mm)	5	 937520230
Screw forceps Csavarfogó csipesz	1	 939999002
Drill stop (4 mm) Stopper pentru burghiu (4 mm)	2	 210510240
Depth gauge (10-90 mm) Joja (10-90 mm)	1	 280122912
Targeting device (Large) Dispozitiv de direcționare (Large)	1	 275214901
Targeting device (XLarge) Dispozitiv de direcționare (XLarge)	1	 275216901
Tray (empty) VDP - Large Container (gol) VDP - Large	1	 275214801

Instrument - Opcional | Instrument - Optional

Description/Size Descriere/Marime	Quantity Cantitate	Cat. no. Cod
Power torque screwdriver (T25/3,5 Nm) (for purple screw) Șurubelniță dinamometrică (T25/3,5 Nm) (pentru suruburi mov)		 210510048

8.2 | VDP - Vortex Diaphysis plate, Small

VDP - Placă de diafiză Vortex, Small

Vortex Diaphysis plate, Small
Placă de diafiză Vortex, Small

5H-20H (74-254 mm)

Screws
Șuruburi

Polyaxial - Poliaxiale
Vortex screw - Șuruburi Vortex
3,5 x 10-50 mm

Normal - Normale
Cortical screw TX - Șuruburi corticale TX
3,5 x 10-50 mm
Cancellous screw - Șuruburi de spongie 4
x 10-100 mm



Vortex Diaphysis plate, Small | Placă de diafiză Vortex, Small

Size Marime	Holes Gauri	Length (mm) Lungime (mm)	Anodised Titanium Titan Anodizat
Small	5H	74	275212005
Small	6H	86	275212006
Small	7H	98	275212007
Small	8H	110	275212008
Small	9H	122	275212009
Small	10H	134	275212010
Small	12H	158	275212012
Small	14H	182	275212014
Small	16H	206	275212016
Small	18H	230	275212018
Small	20H	254	275212020



Profile - Profil

Width - Lățime	12 mm
Thickness - Grosime	3 mm

For one operation | Pentru o operație

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
Vortex Diaphysis plate, Small Placă de diafiză Vortex Small	1
Screws - Șuruburi	5-14

8.2 | VDP - Vortex Diaphysis plate, Small

VDP - Placă de diafiză Vortex , Small

Vortex screw | Suruburi Vortex Ø3,5 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan Anodizat
10	260835510
12	260835512
14	260835514
16	260835516
18	260835518
20	260835520
22	260835522
24	260835524
26	260835526
28	260835528
30	260835530
32	260835532
34	260835534
36	260835536
38	260835538
40	260835540
42	260835542
44	260835544
46	260835546
48	260835548
50	260835550

Screw details - Detalii surub

Thread Diameter - Diametru corp filetat	3,5 mm
Torx size - Dimensiune surubelnita	T15
Head Diameter - Diametru cap	6 mm
Pre Hole - Pre-gaura	2,8 mm

Vortex closing screw | Șurub de închidere Vortex



Diameter (mm) Diametru (mm)	Size Marime	Anodised Titanium Titan Anodizat
3,5	T15	260835501

Cortical screw - TX | Suruburi corticale - TX Ø3,5 mm

Length (mm) Lungime (mm)	Anodised Titanium Titan Anodizat
10	267535010
12	267535012
14	267535014
16	267535016
18	267535018
20	267535020
22	267535022
24	267535024
26	267535026
28	267535028
30	267535030
32	267535032
34	267535034
35	267535035
36	267535036
38	267535038
40	267535040
42	267535042
44	267535044
45	267535045
46	267535046
48	267535048
50	267535050



Screw details - Detalii surub

Thread Diameter - Diametru corp filetat	3,5 mm
Torx size - Dimensiune surubelnita	T15
Head Diameter - Diametru cap	6 mm
Pre Hole - Pre-gaura	2,8 mm

*4,0 mm Cancellous screw (10-100 mm) can optionally be used. See 188-189. page. Separate hex screwdriver is needed for insertion.

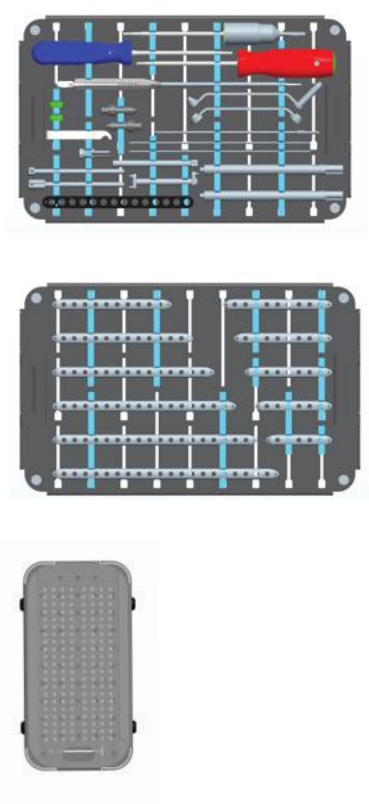
*Se pot utiliza opțional șuruburi de spongie de 4,0 mm (10-100 mm). Vezi pagini 188-189. Pentru inserția acestora este necesară o șurubelniță hexagonală separată.

8.2 | VDP - Vortex Diaphysis plate, Small

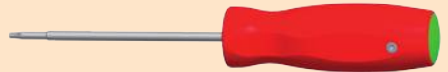
VDP - Placă de diafiză Vortex, Small

Filled up tray | Trusa completă

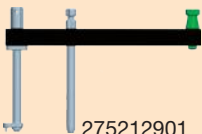
Description Descriere	Size Marime	Quantity Cantitate	Cat. no. Cod
Filled up tray VDP Trusa completă VDP	Small		275212800



Instrument | Instrument

Description/Size Descriere/Marime	Quantity Cantitate	Cat. no. Cod
Screwdriver (T15) Surubelnita (T15)	1	 210720015
Torque screwdriver (T15/1,5 Nm) (for green screw) Șurubelniță dinamometrică (T15/1,5 Nm) (pentru șuruburi verzi)	1	 210510044
Spiral drill with quick connecting end (2,8x190 mm) Burghiu spirală cu prindere rapidă (quick-coupling) (2,8x190 mm)	2	 280122906
Double drill sleeve - V (Small) neutral/kompresion Protector dublu de țesut - V (Small) neutru/kompresie	1	 275212902
Kirschner boring wire (2x210 mm) Broșă Kirschner (2x210 mm)	6	 937520210
Screw forceps Pensă pentru șuruburi	1	 939999002
Drill stop (2,8 mm) Stopper pentru burghiu (2,8 mm)	2	 210510227
Depth gauge (8-60 mm) Joja (8-60 mm)	1	 280122904

8.2 | VDP - Vortex Diaphysis plate, Small VDP - Placă de diafiză Vortex, Small

Description/Size Descriere/marime	Quantity Cantitate	Cat. no. Cod
Plate bender - V (6 mm) Îndoitor de placă- V (6 mm)	2	 280122914
Targeting device (Small) Dispozitiv de țintire (Small)	1	 275212901
Double drill sleeve - PAS (2,8 mm) Protector dublu de țesut - PAS (2,8 mm)	1	 280122903
Tray (empty) VDP - Small Container (gol)VDP - Small	1	 275212801

Instrument - Optional Instrument - Optional		
Description/Size Descriere/marime	Quantity Cantitate	Cat. no. Cod
Power torque screwdriver (T15/1,5 Nm) (for green screw) Șurubelniță dinamometrică (T15/1,5 Nm) (pentru șuruburi verzi)		 210510037
Plate bender Îndoitor de placă		 210510054

8.3 | VDP - Vortex Diaphysis plate, Mini

VDP - Placă de diafiză Vortex, Mini

Vortex Diaphysis plate, Mini
Placă de diafiză Vortex, Mini

4H-14H (47-137 mm)

Screws
Suruburi

Polyaxial - Poliaxiale
Vortex screw - Suruburi Vortex
2,7 x 8-34 mm

Normal - Normale
Cortical screw TX - Şuruburi de spongie TX
2,7 x 8-34 mm



Vortex Diaphysis plate Mini | Placă de diafiză Vortex, Mini

Size Marime	Holes Gauri	Length (mm) Lung.(mm)	Anodised Titanium Titan Anodizat
Mini	4H	47	275208004
Mini	5H	56	275208005
Mini	6H	65	275208006
Mini	7H	74	275208007
Mini	8H	83	275208008
Mini	10H	101	275208010
Mini	12H	119	275208012
Mini	14H	137	275208014

Profile - Profil

Width - Lăţime	8 mm
Thickness - Latime	2,5 mm



For one operation | Pentru o operatie

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
Vortex Diaphysis plate, Mini Placă de diafiză Vortex, Mini	1
Screws - Suruburi	4-10

8.3 | VDP - Vortex Diaphysis plate, Mini

VDP - Placă de diafiză Vortex, Mini

Vortex screw | Suruburi Vortex Ø2,7 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan Anodizat
8	260827108
9	260827109
10	260827110
11	260827111
12	260827112
13	260827113
14	260827114
15	260827115
16	260827116
17	260827117
18	260827118
19	260827119
20	260827120
21	260827121
22	260827122
23	260827123
24	260827124
25	260827125
26	260827126
27	260827127
28	260827128
29	260827129
30	260827130
31	260827131
32	260827132
33	260827133
34	260827134

Screw details - Detalii şurub

Thread Diameter - Diametru corp filetat	2,7 mm
Torx size - Dimensiune Şurubelniţă	T9
Head Diameter - Diametru cap	4 mm
Pre Hole - Pre-gaură	2 mm

Cortical screw - TX | Suruburi corticale- TX Ø2,7 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan Anodizat
8	267527008
10	267527010
12	267527012
14	267527014
16	267527016
18	267527018
20	267527020
22	267527022
24	267527024
26	267527026
28	267527028
30	267527030
32	267527032
34	267527034

Screw details - Detalii şurub

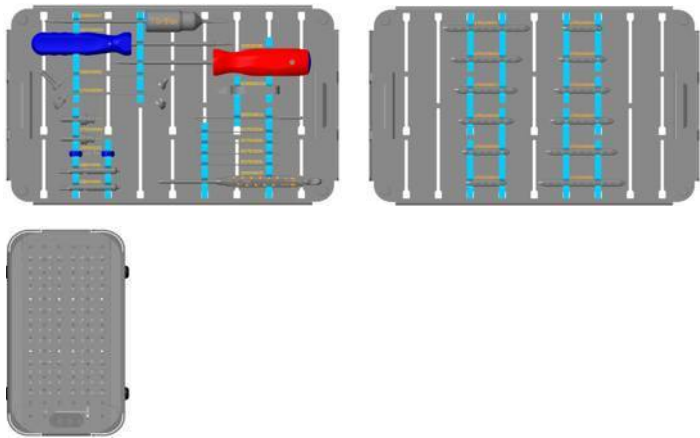
Thread Diameter - Diametru corp filetat	2,7 mm
Torx size - Dimensiune Şurubelniţă	T9
Head Diameter - Diametru cap	4,5 mm
Pre Hole - Pre-gaură	2 mm

8.3 | **VDP - Vortex Diaphysis plate, Mini**

VDP - Placă de diafiză Vortex, Mini

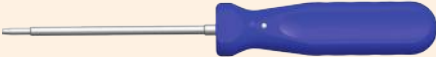
Filled up tray | Trusa completă

Description Descriere	Size Marime	Quantity Cantitate	Cat. no. Cod
Filled up tray VDP Trusa completă VDP	Mini		275208800



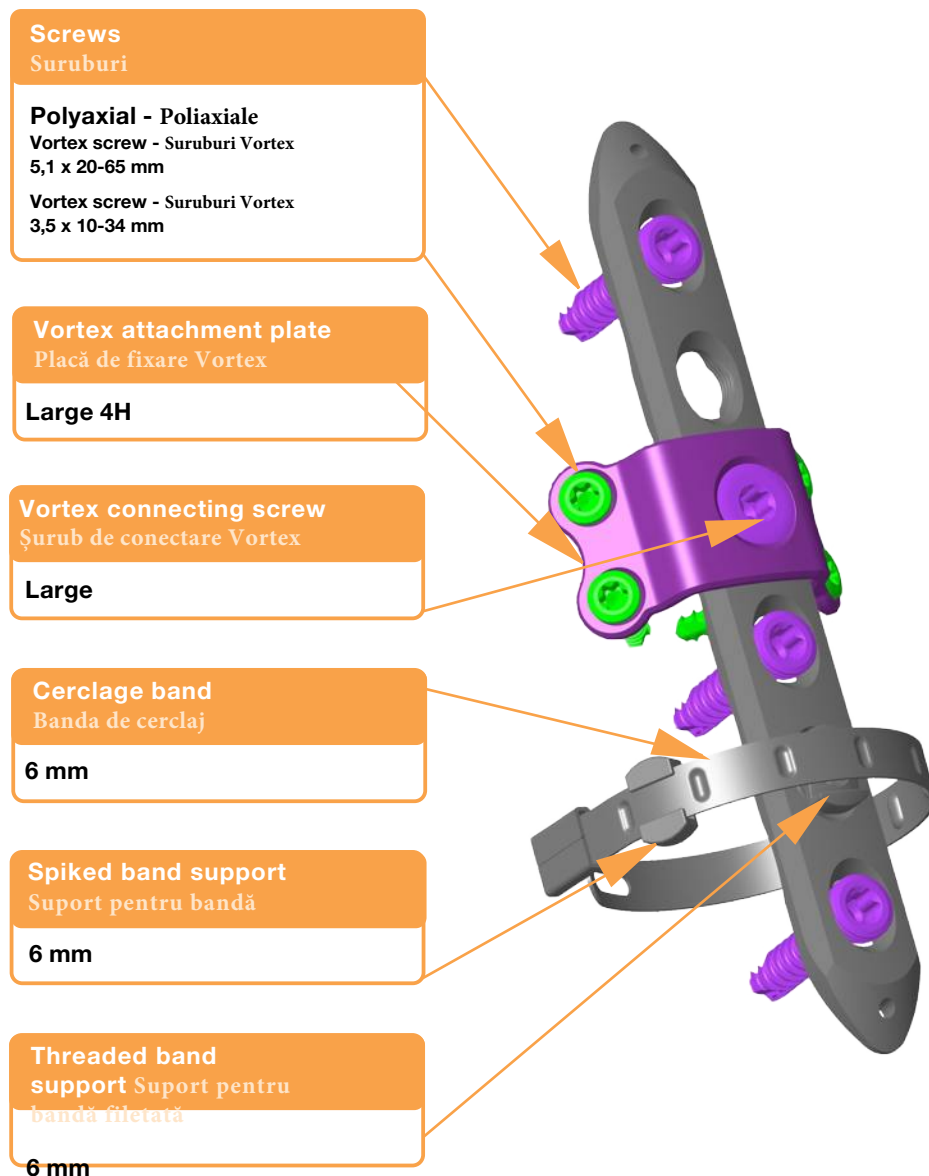
Instrument | Instrument

Description/Size Descriere/Marime	Quantity Cantitate	Cat. no. Cod
Double drill sleeve - PAS (2 mm) Protector dublu de țesut- PAS (2 mm)	1	 280114902
Double drill sleeve - V (Mini) Protector dublu de țesut - V (Mini)	1	 275208901
Plate bender (4 mm) Îndoitor de placă (4 mm)	2	 280114901

Description/Size Descriere/Marime	Quantity Cantitate	Cat. no. Cod
Screwdriver (T9) Surubelnita (T9)	1	 210720009
Torque screwdriver (T9 / 1 Nm) Șurubelniță dinamometrică (T9 / 1 Nm)	1	 210510036
Spiral drill with quick connecting end (2x125 mm) Burghiu spirală cu prindere rapidă(2x125 mm)	1	 280114903
Kirschner boring wire (1,2x100 mm) Broșă Kirschner ((1,2x100 mm)	10	 937512100
Screw tweezers Penseta de surub	1	 939999002
Drill stop (2 mm) blue Stopper pentru burghiu(2 mm) kék	2	 210510222
Depth gauge (2,7-3,5 mm) Joja 2,7-3,5 mm)	1	 280114905
Tray (empty) VDP - Mini Container (gol) VDP - Mini	1	 275208801

9 | Sirtalis cerclage system

Sistem de cerclaj Sirtalis



For one operation | Pentru o operație

Implants - Implanturi				
Description - Descriere	Quantity Cantitate	Quantity Cantitate Only band Doar banda	Quantity Cantitate Plate+band Placă + bandă	Quantity Cantitate Plate+auxiliary plate+band Placă + placă auxiliară + bandă
Cerclage band - Bandă de cerc	1 - 4	1 - 4	1 - 3	1 - 3
Band spike - Banda profil Spike	1 - 3/benzi	1 - 3/benzi	1 - 3/benzi	1 - 3/szalag
Vortex connecting screw Vortex összekötő csavar	1			1
Plate - Lemez	1		1	1
Vortex auxiliary plate Placa auxiliara Vortex	1			1
Band support Suport banda	1/banda		1/banda	1/szalag
Vortex screw - Suruburi Vortex	7 - 9		5 - 7	7 - 9

*Sirtalis system can be combined with the following plates:

- VDP Large - Vortex Diaphysis plate, Large -> 106-113. pages
- VPF - Vortex Proximal Femur plate -> 84-89. pages
- VDF - Vortex Distal Femur plate -> 76-83. pages
- VPT-L - Vortex Proximal Tibia plate -> 90-97. pages.

Having the instrument set for the chosen plate is necessary to perform the operation besides having Sirtalis instruments.

Sistemul Sirtalis poate fi combinat cu următoarele plăci:

- VDP Large - Placă de diafiză Vortex, Large -> pagini 106-113.
- VPF - Placă de femur proximal Vortex -> pagini 84-89.
- VDF - Vortex Distal Femur plate -> pagini 76-83.
- VPT-L - Placă tibia proximală Vortex -> pagini. 90-97.

Disponerea instrumentului pentru placa aleasă este necesară pentru a efectua operația în afară de instrumentele Sirtalis.

9 | Sirtalis cerclage system

Sistem de cerclaj Sirtalis

Cerclage band | Banda Cerclaj



Size Marime	Anodised Titanium Titan Anodizat
6 mm	410014001

Threaded band support | Suport pentru bandă filetată



Size Marime	Anodised Titanium Titan Anodizat
6 mm	410014003

Spiked band support | Suport bandă profil Spike



Size Marime	Anodised Titanium Titan Anodizat
6 mm	410014005

Vortex attachment plate | Placă de fixare Vortex



Size Marime	Anodised Titanium Titan Anodizat
Large 4H	280122001

Vortex connecting screw | Şurub de conectare Vortex

Size Marime	Anodised Titanium Titan Anodizat
Large	260800001



Screw details - Detalii surub

Torx size - Marime Torx	T15
-------------------------	-----

Vortex screw | Surub Vortex Ø3,5 mm

Size Marime	Anodised Titanium Titan Anodizat	Size Marime	Anodised Titanium Titan Anodizat
10 mm	260835510	24 mm	260835524
12 mm	260835512	26 mm	260835526
14 mm	260835514	28 mm	260835528
16 mm	260835516	30 mm	260835530
18 mm	260835518	32 mm	260835532
20 mm	260835520	34 mm	260835534
22 mm	260835522		



Screw details - Detalii Surub

Thread Diameter - Diametru corp filetat	3,5 mm
Torx size - Dimensiune Şurubelniţă	T15
Head Diameter - Diametru cap	6 mm
Pre Hole - Pre-gaura	2,8 mm

Vortex closing screw | Şurub de închidere Vortex

Diameter (mm) Diametru (mm)	Size Marime	Anodised Titanium Titan Anodizat
3,5	T15	260835501

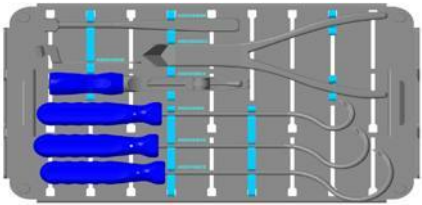
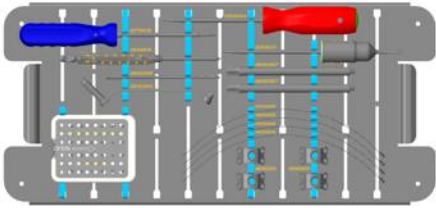


9 | Sirtalis cerclage system

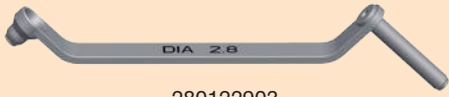
Sistem de cerclaj Sirtalis

Filled-up tray Sirtalis system | Trusa completă sistem Sirtalis

Description Descriere	Size Marime	Quantity Cantitate	Cat. n o. Cod
Filled-up tray (Sirtalis system) Feltöltött tálcá (Sirtalis rendszer)			410014800



Instruments Sirtalis system | Instrumente sistem Sirtalis

Description/Size Descriere/Marime	Quantity Cantitate	Cat. no. Cod
Plate bender (6 mm) Îndoitor de placă (6 mm)	2	 280122907
Depth gauge (2,7-3,5 mm) Joja (2,7-3,5 mm)	1	 280114905
Double drill sleeve - PAS (2,8 mm) Protector dublu de țesut- PAS (2,8 mm)	1	 280122903
Screwdriver (T 15) Șurubelniță (T 15)	1	 210720015
Torque screwdriver (T15/1,5 Nm) Șurubelniță dinamometrică (T15/1,5 Nm)	1	 210510044
Spiral drill with quick-connecting end (2.8x135 mm) Burghiu spirală cu prindere rapidă (quick-coupling) (2.8x135 mm)	1	 280122905
Passer (35, 50, 65 mm) Instrument de tip carlig(35, 50, 65 mm)	1-1-1	 410014901, 410014902, 410014903
Tensioner Instrument de tensionare a benzilor	1	 410014904

9 | Sirtalis cerclage system

Sistem de cerclaj Sirtalis

Description/Size Descriere/Marime	Quantity Cantitate	Cat. no. Cod
Cutting pliers Cleste de taiat	1	 410090003
Bender Indoitor	1	 410014906
Cutting template Sablon de taiere	1	 410014905
Tray (empty) Sirtalis & VAP Cnainer (gol) Sirtalis & VAP	1	 410014801

10.1 | VCA - Vortex Calcaneal plate

VCA - Placa de calcaneu Vortex

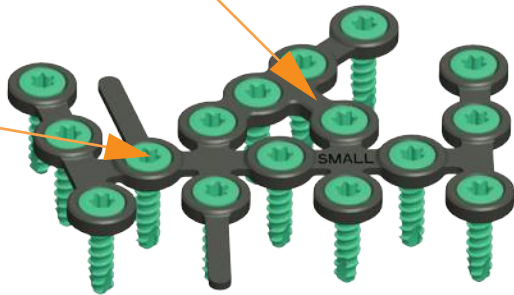
Vortex Calcaneal plate
Placa de calcaneu Vortex

Small, Large, Medium

Screws
Șuruburi

Polyaxial - Poliaxiale
Vortex screw - Șuruburi Vortex
3,5 x 20-50 mm

Normal - Normale
Cortical screw TX - Șuruburi corticale TX 3,5 x 20-50 mm



Vortex Calcaneal plate | Placa de calcaneu Vortex

Size Marime	Length (mm) Lung (mm)	Anodised Titanium Titan Anodizat
Small	64,6	280323001
Large	83,3	280323002
Medium	74	280323003



Profile - Profil

Thickness - Grosime 2,5 mm

For one operation | Pentru o operatie

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
Vortex Calcaneal plate Placa de calcaneu Vortex	1
Screws -Șuruburi	16

*For screws of this plate please see page 140-141.
*Pentru șuruburile acestei plăci, consultați paginile 140-141.

10.2 | VCA - Vortex X-plate

VCA - Placa in X Vortex

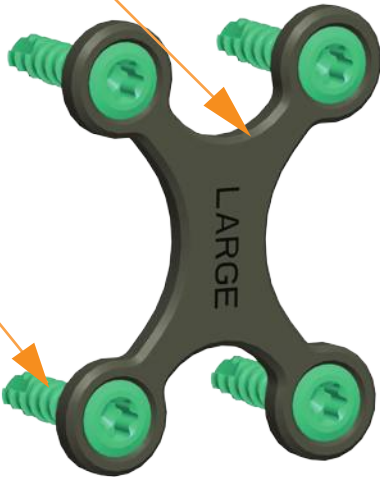
X-plate
placa in X

Small, Medium, Large

Screws
Suruburi

Polyaxial - Poliaxiale
Vortex screw - Suruburi Vortex
3,5 x 20-50 mm

Normal - Normale
Cortical screw TX - uruburi corticale TX 3,5 x 20-50 mm



X-plate | placa in X

Size Marime	Length (mm) Lung (mm)	Width (mm) Latime (mm)	Anodised Titanium Titan Anodizat
Small	20	12,5	280430010
Medium	23	15	280430011
Large	26	17,5	280430012

Profile - Profile

Thickness - Grosime 2,5 mm



For one operation | Pentru o operatie

Implants - Implanturi

Description - Descriere	Quantity - Cantitate
X-plate Placa in X	1
Screws Suruburi	4

10.2 | **VCA - X-plate**
VCA - Placa in X

Vortex screw | Suruburi Vortex Ø3,5 mm



Length (mm) Lung (mm)	Anodised Titanium Titan Anodizat
20	260835520
22	260835522
24	260835524
26	260835526
28	260835528
30	260835530
32	260835532
34	260835534
36	260835536
38	260835538
40	260835540
42	260835542
44	260835544
46	260835546
48	260835548
50	260835550

Screw details - Detalii surub

Thread Diameter - Diametru corp filetat	3,5 mm
Torx size - Dimensiune Şurubelniţă	T15
Head Diameter - Diametru cap	6 mm
Pre Hole - Pre-gaură	2,8 mm

Cortical screw - TX | Suruburi corticale - TX Ø3,5 mm



Length (mm) Lung (mm)	Anodised Titanium Titan Anodizat
20	267535020
22	267535022
24	267535024
26	267535026
28	267535028
30	267535030
32	267535032
34	267535034
35	267535035
36	267535036
38	267535038
40	267535040
42	267535042
44	267535044
45	267535045
46	267535046
48	267535048
50	267535050

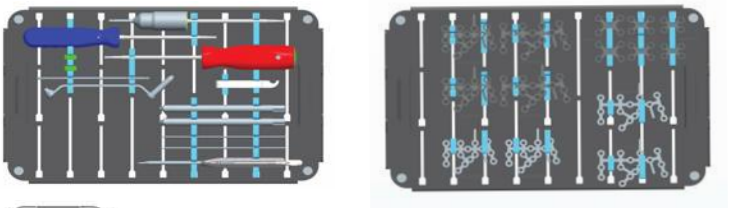
Screw details - Csavar méretek

Thread Diameter - Diametru corp filetat	3,5 mm
Torx size - Dimensiune Şurubelniţă	T15
Head Diameter - Diametru cap	6 mm
Pre Hole - Pre-gaură	2,8 mm

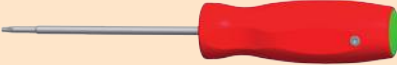
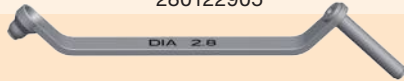
VCA- Instrument set

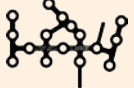
VCA - Set instrumente

Filled up tray || Trusa completă

Description escriere	Size Marime	Quantity Cantitate	Cat. no. Cod
Filled up tray VCA Trusa completă VCA			280323800
			
			

Instrument | Instrument

Description/Size Descriere/Marime	Quantity Cantitate	Cat. no. Cod
Screwdriver (T15) Șurubelniță (T15)	1	 210720015
Torque screwdriver (T15/1,5 Nm) (for green screw) Șurubelniță dinamometrică(T15/1,5 Nm) pentru suruburi verzi)	1	 210510044
Spiral drill with quick connecting end (2,8x135mm) Burghiu spirală cu prindere rapidă(2,8x135mm)	1	 280122905
Double drill sleeve - PAS (2,8 mm) Protector dublu de țesut - PAS (2,8 mm)	1	 280122903
Kirschner boring wire (2x150 mm) Broșă Kirschner (2x150 mm)	5	 937520150

Description/Size Descriere/Marime	Quantity Cantitate	Cat. no. Cod
Screw forceps Broșă Kirschner	1	 939999002
Depth gauge (2,7-3,5 mm) Joja (2,7-3,5 mm)	1	 280114905
Plate bender (6 mm) Îndoitor de placă (6 mm)	2	 280122907
Drill stop (2,8 mm) Stopper pentru burghiu(2,8 mm)	2	 210510227
Vortex Calcaneus plate - trial - Small Placa Calcaneu Vortex - proba - Small	4	 280323901
Vortex Calcaneus plate - trial - Large Placa Calcaneu Vortex - proba - Large	4	 280323902
Tray (empty) VCA Container (gol)VCA	1	 280323801

Instrument - Optional | Instrument - Optional

Description/Size Descriere/Marime	Quantity Cantitate	Cat. no. Cod
Power torque screwdriver (T15/1,5 Nm) (for green screw) Șurubelniță dinamometrică(T15/1,5 Nm) (zöld csa-varhoz)		 210510037
Vortex Calcaneus plate - trial - Medium Placa Calcaneu Vortex - proba - Medium		 280323903

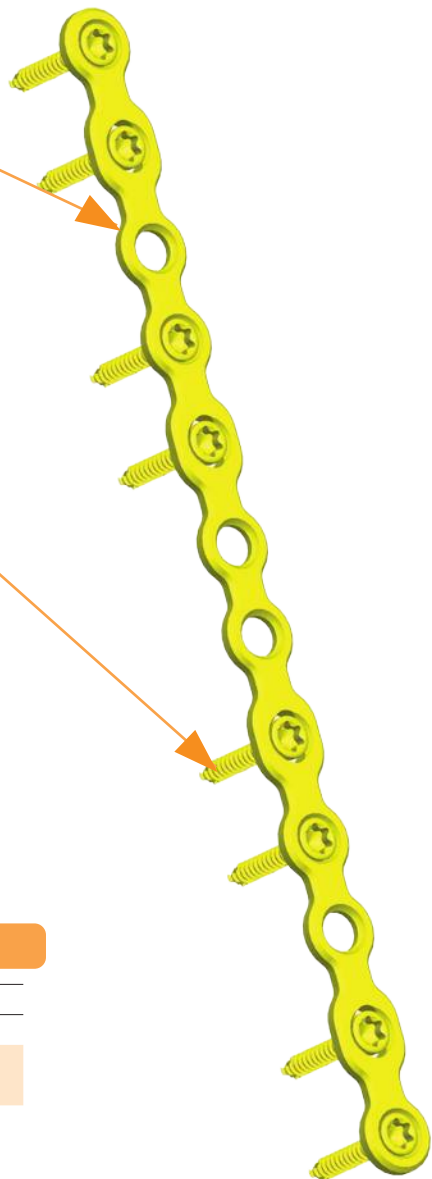
11.1 | **VHF - Vortex 1,5 XS Straight plate**
VHF - Vortex 1,5 XS Placa dreapta

1,5 XS Straight plate
1,5 XS Placa dreapta
2H; 3H; 6H;12H (11 - 77 mm)

Screws
Suruburi
Polyaxial - Poliaxiale
Vortex screw - Suruburi Vortex
1,5 x 6-24 mm
Normal - Normale
Cortical screw TX - Suruburi corticale TX
1,5 x 6-24 mm

For one operation | Pentru o operație

Implants - Implanturi	
Description - Descriere	Quantity Cantitate
1,5 XS Straight plate 1,5 XS Placa dreapta	1
Screws - Suruburi	2-12



1,5 XS Straight plate | 1,5 XS Placa dreapta

Holes Gauri	Length (mm) Lung (mm)	Anodised Titanium Titan Anodizat
2H	11	280411002
3H	17	280411003
6H	38	280411006
12H	77	280411012

Profile - Profil	
Width - Lățime	5 mm
Thickness - Grosime	1,3 mm



*For screws of this plate please see page 152-153.
*Pentru șuruburile acestei plăci vă rugăm să consultați paginile 152-153.

11.2 | **VHF - Vortex 1,5 XS T plate**
VHF - Placa Vortex 1,5 XS T

1,5 XS T plate
1,5 XS T Placa

Head - Cap: 3;5H
Shaft - Diafiza 5;11H (38;77 mm)

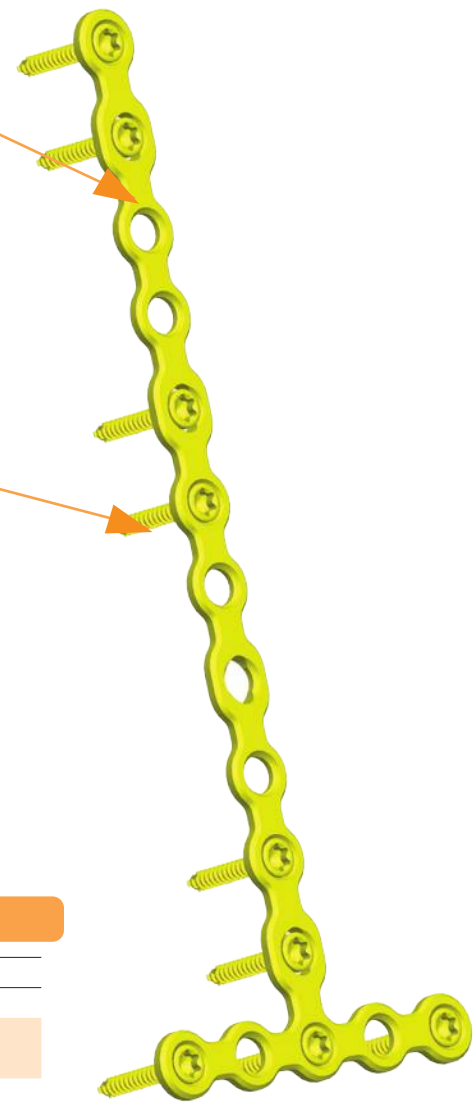
Screws
Suruburi

Polyaxial - Poliaxiale
Vortex screw - Suruburi Vortex
1,5 x 6-24 mm

Normal - Normale
Cortical screw TX - Suruburi corticale TX
1,5 x 6-24 mm

For one operation | Pentru o operatie

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
1,5 XS T plate 1,5 XS T placa	1
Screws - Suruburi	4-16



1,5 XS T plate | Placa 1,5 XS T

Holes (H+S) Gauri (F+SZ)	Length (mm) Lung (mm)	Anodised Titanium Titan Anodizat
3 + 5	38	280412305
3 + 11	77	280412311
5 + 5	38	280412505
5 + 11	77	280412511

Profile - Profil	
Width (head) - Lățime (cap)	17; 29 mm
Width (shaft) - Lățime diafiza	5 mm
Thickness - Grosime	1,3 mm



*For screws of this plate please see page 152-153.
*Pentru șuruburile acestei plăci vă rugăm să consultați paginile 152-153.

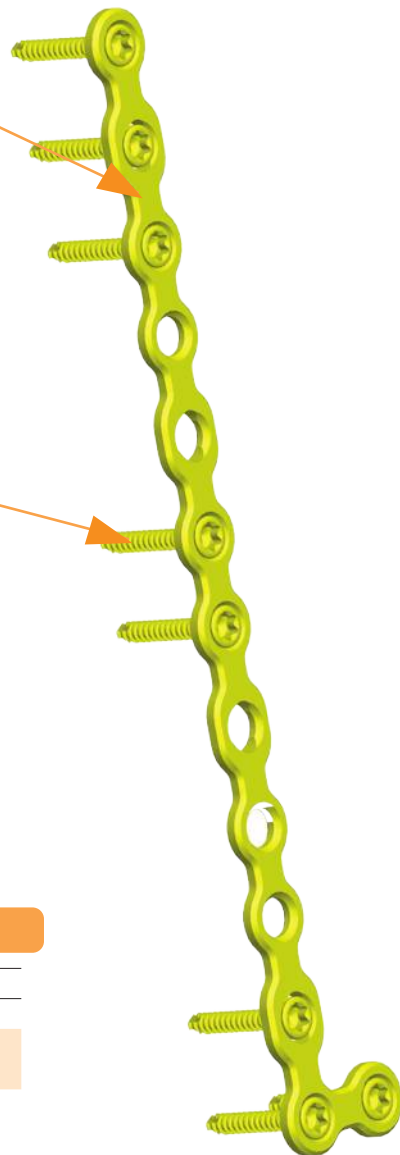
11.3 | **VHF - Vortex 1,5 XS L plate**
VHF - Placa Vortex 1,5 XS L

1,5 XS L plate
1,5 XS L placa
6H;12H (38;77 mm)

Screws
Suruburi
Polyaxial - Poliaxiale
Vortex screw - Suruburi Vortex
1,5 x 6-24 mm
Normal - Normale
Cortical screw TX - Suruburi corticale TX
1,5 x 6-24 mm

For one operation | Pentru o operatie

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
1,5 XS L plate 1,5 XS L placa	1
Screws - Suruburi	4-13



1,5 XS L plate | Placa in L XS de 1.5

Holes Gauri	Length (mm) Lungime (mm)	Anodised Titanium Titan Anodizat
6H	38	280413006
12H	77	280413012

Profile - Profil	
Width (head) - Lățime (cap)	11 mm
Width (tail) - Lățime diafiza	5 mm
Thickness - Grosime	1,3 mm



*For screws of this plate please see page 152-153.
*Pentru șuruburile acestei plăci vă rugăm să consultați paginile 152-153.

11.4 | VHF - Vortex 1,5 XS Parallel plate

VHF - Vortex 1,5 XS Placă paralelă

1,5 XS Parallel plate
1,5 XS Placă paralelă

6H; 8H, 12H, 16H
(22; 29,5; 44,5; 59,5 mm)

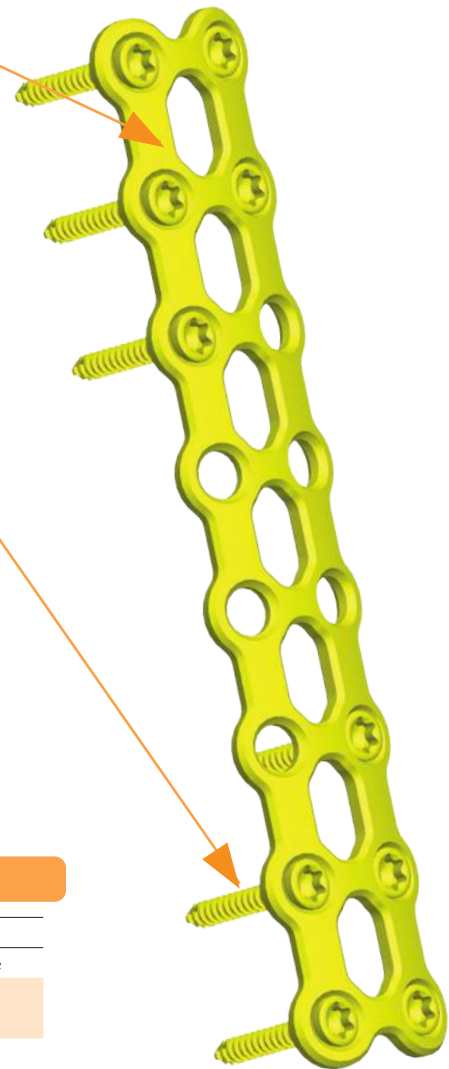
Screws
Suruburi

Polyaxial - Poliaxiale
Vortex screw - Suruburi vortex
1,5 x 6-24 mm

Normal - Normale
Cortical screw TX - Suruburi corticale TX
1,5 x 6-24 mm

For one operation | Pentru o operatie

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
1,5 XS Parallel plate 1,5 XS Placa paralela	1
Screws - Suruburi	4-16



1,5 XS Parallel plate | 1,5 XS Placă paralelă

Holes Gauri	Length (mm) Lung (mm)	Anodised Titanium Titan Anodizat
6H	22	280414006
8H	29,5	280414008
12H	44,5	280414012
16H	59,5	280414016

Profile - Profil	
Width - Latime	11 mm
Thickness - Grosime	1,3 mm



11.4 | VHF - Vortex 1,5 XS Parallel plate

VHF - Vortex 1,5 XS Placa paralela

Vortex screw | Surub vortex Ø1,5 mm



Length (mm) Lung (mm)	Anodised Titanium Titan Anodizat
6	260815006
7	260815007
8	260815008
9	260815009
10	260815010
11	260815011
12	260815012
13	260815013
14	260815014
15	260815015
16	260815016
17	260815017
18	260815018
19	260815019
20	260815020
21	260815021
22	260815022
23	260815028
24	260815024

Screw details - Detalii Surub

Thread Diameter - Diametru corp filetat	1,5 mm
Torx size - Dimensiune Șurubelniță	TA7
Head Diameter - Diametru cap	2,8 mm
Pre Hole - Pre-gaură	1 mm

* Extra size.
Marimi extra.

Cortical screw - TX | Surub cortical - TX Ø1,5 mm

Length (mm) Lung (mm)	Anodised Titanium Titan Anodizat
6	267515006
8	267515008
10	267515010
12	267515012
14	267515014
16	267515016
18	267515018
20	267515020
22	267515022 *
24	267515024 *



Screw details - Detalii Surub

Thread Diameter - Diametru corp filetat	1,5 mm
Torx size - Dimensiune Șurubelniță	TA7
Head Diameter - Diametru cap	3,2 mm
Pre Hole - Pre-gaură	1,1 mm

* Extra size.
Marimi extra

11.5 | VHF - Vortex 2,0 XS Straight plate

VHF - Vortex 2,0 XS Placa dreapta

2,0 XS Straight plate
2,0 XS Placa dreapta

2H; 3H; 6H;12H (13- 89 mm)

Screws
Suruburi

Polyaxial - Poliaxiale
Vortex screw - Suruburi Vortex
2 x 6-24 mm

Normal - Normale
Cortical screw TX - Surub cortical TX 2 x
6-24 mm

2,0 XS Straight plate | 2,0 XS Placa dreapta

Holes Gauri	Length (mm) Lung (mm)	Anodised Titanium Titan Anodizat
2H	13	280421002
3H	20	280421003
6H	44	280421006
12H	89	280421012

Profile - Profil

Width - Latime	6 mm
Thickness - Grosime	1,8 mm



For one operation | Pentru o operatie

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
2,0 XS Straight plate 2,0 XS Placa dreapta	1
Screws - Suruburi	2-12

*For screws of this plate please see page 162-163.
*Pentru şuruburile acestei plăci vă rugăm să consultaţi paginile 162-163.

11.6 | VHF - Vortex 2,0 XS T plate

VHF - Vortex 2,0 XS Placa in T

2,0 XS T plate
2,0 XS Placa in T

Head - Cap 3;5H
Shaft - Diafiza 5;11H (44; 89 mm)

Screws
Suruburi

Polyaxial - Poliaxial
Vortex screw - Surub Vortex
2 x 6-24 mm

Normal - Normal
Cortical screw TX - Surub cortical TX 2 x
6-24 mm

2,0 XS T plate | 2,0 XS Placa in T

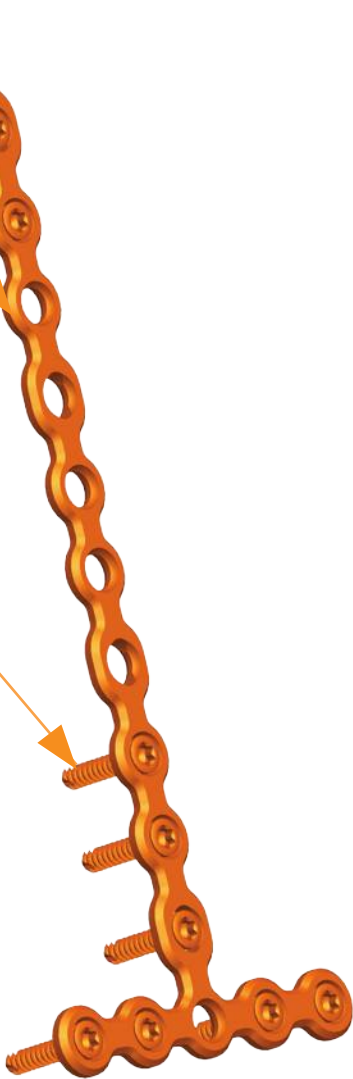
Holes (H+S) Gauri (F+SZ)	Length (mm) Lung (mm)	Anodised Titanium Titan Anodizat
3 + 5	44	280422305
3 + 11	89	280422311
5 + 5	44	280422505
5 + 11	89	280422511

Profile - Profil	
Width (head) - Lățime (cap)	20; 34 mm
Width (shaft) - Lățime diafiza	6 mm
Thickness - Grosime	1,8 mm



For one operation | Pentru o operatie

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
2,0 XS T plate 2,0 XS T placa	1
Screws - Suruburi	4-16



*For screws of this plate please see page 162-163.
*Pentru șuruburile acestei plăci vă rugăm să consultați paginile 162-163.

11.7 | VHF - Vortex 2,0 XS L plate

VHF - Vortex 2,0 XS Placa in L

2,0 XS L plate
2,0 XS Placa in L

6H;12H (44;89 mm)

Screws
Suruburi

Polyaxial - Poliaxial
Vortex screw - Surub Vortex
2 x 6-24 mm

Normal - Normal
Cortical screw TX - Şurub cortical TX 2 x
6-24 mm

2,0 XS L plate | 2,0 XS Placa in L

Holes Gauri	Length (mm) Lung (mm)	Anodised Titanium Titan Anodizat
6H	44	280423006
12H	89	280423012

Profile - Profil	
Width (head) - Lăţime (cap)	13 mm
Thickness - Grosime	1,8 mm
Width (tail) - Lăţime (coadă)	6 mm



For one operation | Pentru o operatie

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
2,0 XS L plate 2,0 XS L placa	1
Screws - Suruburi	4-13

*For screws of this plate please see page 162-163.
*Pentru şuruburile acestei plăci vă rugăm să consultaţi paginile 162-163.

11.8 | VHF - Vortex 2,0 XS Parallel plate

VHF - Vortex 2,0 XS Placa paralela

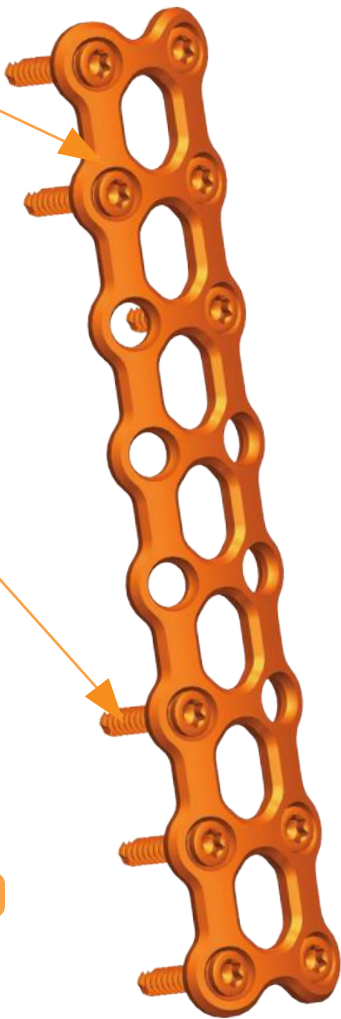
2,0 XS Parallel plate
2,0 XS Placa paralela

6H-16H (26,5-71,5 mm)

Screws
Suruburi

Polyaxial - Poliaxiale
Vortex screw - Surub Vortex
2 x 6-24 mm

Normal - Normale
Cortical screw TX - Surub cortical TX 2 x
6-24 mm



2,0 XS Parallel plate | 2,0 XS Placa paralela

Holes Gauri	Length (mm) lung (mm)	Anodised Titanium Titan Anodizat
6H	26,5	280424006
8H	35,5	280424008
12H	53,5	280424012
16H	71,5	280424016

Profile - Profil

Width - Latime	13,6 mm
Thickness - Grosime	1,8 mm



For one operation | Egy műtéthez

Implants - Implantátumok	
Description - Megnevezés	Quantity - Mennyiség
2,0 XS Parallel plate 2,0 XS Párhuzam lemez	1
Screws - Csavarok	4-16

11.8 | VHF - Vortex 2,0 XS Parallel plate

VHF - Vortex 2,0 XS Placa paralela

Vortex screw | Surub Vortex Ø2 mm



Length (mm) Lung (mm)	Anodised Titanium Titan Anodizat
6	260820006
7	260820007
8	260820008
9	260820009
10	260820010
11	260820011
12	260820012
13	260820013
14	260820014
15	260820015
16	260820016
17	260820017
18	260820018
19	260820019
20	260820020
21	260820021
22	260820022
23	260820023
24	260820024

Screw details - Detalii surub

Thread Diameter - Diametru corp filetat	2 mm
Torx size - Dimensiune Şurubelniţă	TA7
Head Diameter - Diametru cap	3,4 mm
Pre Hole - Pre-gaură	1,3 mm

Cortical screw - TX | Surub cortical TX Ø2 mm

Length (mm) Lung (mm)	Anodised Titanium Titan Anodizat
6	267520006
8	267520008
10	267520010
12	267520012
14	267520014
16	267520016
18	267520018
20	267520020
22	267520022
24	267520024



Screw details - Detalii surub

Thread Diameter - Diametru corp filetat	2 mm
Torx size - Dimensiune Şurubelniţă	TA7
Head Diameter - Diametru cap	3,5 mm
Pre Hole - Pre-gaură	1,5 mm

11.9 | VHF - Vortex Spider plate

VHF - Placa Vortex tip Spider

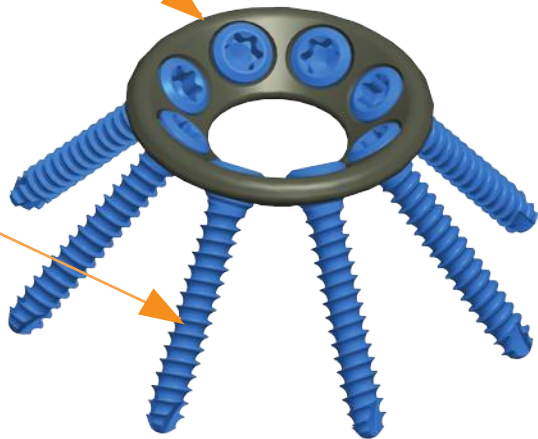
Spider plate
Placa tip Spider

Small, Large

Screws
Suruburi

Polyaxial - Poliaxiale
Vortex screw - Surub Vortex
2,7 x 8-34 mm

Normal - Normal
Cortical screw TX - Surub cortical TX 2,7 x 8-34 mm



Spider plate | Placa tip Spider

Size Marime	Anodised Titanium Titan Anodizat
Small	280430001
Large	280430002



Profile - Profil	Small	Large
Diameter - Diametru	17 mm	20 mm
Thickness - Grosime	1,8 mm	1,8 mm

For one operation | Pentru o operație

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
Spider plate Placa tip Spider	1
Screws - Suruburi	4-8

*For screws of this plate please see page 172-173.
*Pentru șuruburile acestei plăci vă rugăm să consultați paginile 172-173.

11.10 | VHF - Vortex Mini T-plate

VHF - Mini placa in T Vortex

Mini T-plate

Mini placa in T

Head - Cap: 3;5H
Shaft - Diafiza 5;11H (50,2; 101,4 mm)

Screws

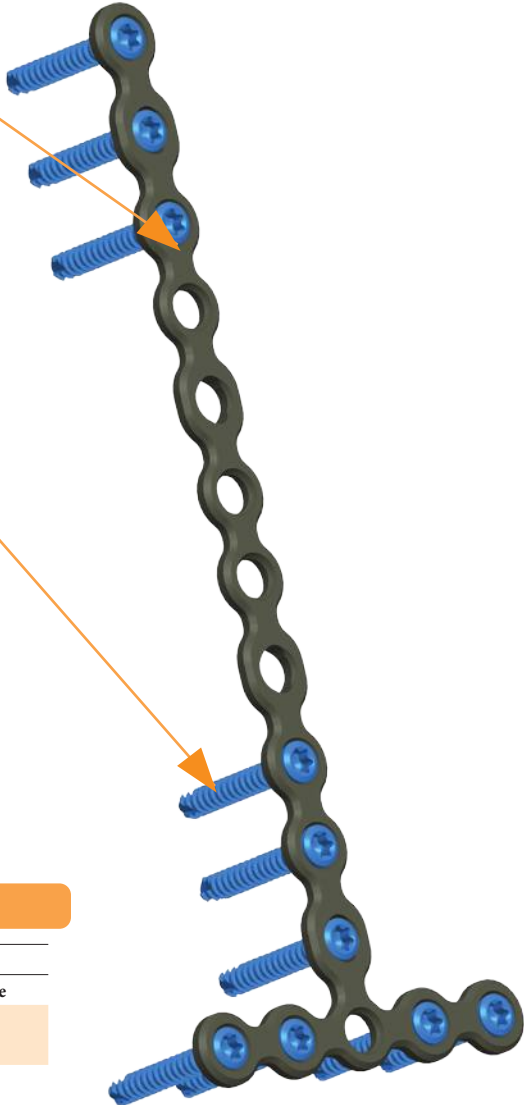
Suruburi

Polyaxial - Poliaxiale
Vortex screw - Surub Vortex 2,7 x 8-34 mm

Normal - Normal
Cortical screw TX - Surub Cortical TX 2,7 x 8-34 mm

For one operation | Pentru o operație

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
Mini T-plate Mini placa in T	1
Screws - Suruburi	4-16



Mini T-plate | Mini placa in T

Holes (H+S) Gauri (F+SZ)	Length (mm) Lung (mm)	Anodised Titanium Titan Anodizat
3 + 5	50,2	280432305
3 + 11	101,4	280432311
5 + 5	50,2	280432505
5 + 11	101,4	280432511

Profile - Profil

Width (head) - Lățime (cap)	23; 39 mm
Thickness - Grosime	2 mm
Width (tail) - Latime coada	7 mm



*For screws of this plate please see page 172-173.
*Pentru șuruburile acestei plăci vă rugăm să consultați paginile 172-173.

11.11 | **VHF - Vortex Mini L-plate**
VHF - Mini placa in T Vortex

Mini L-plate
Mini placa in T

6H; 12H (50,2; 101,4)

Screws
Suruburi

Polyaxial - Poliaxial
Vortex screw - Surub Vortex
2,7 x 8-34 mm

Normal - Normal
Cortical screw TX - Surub cortical TX 2,7 x
8-34 mm

For one operation | Pentru o operatie

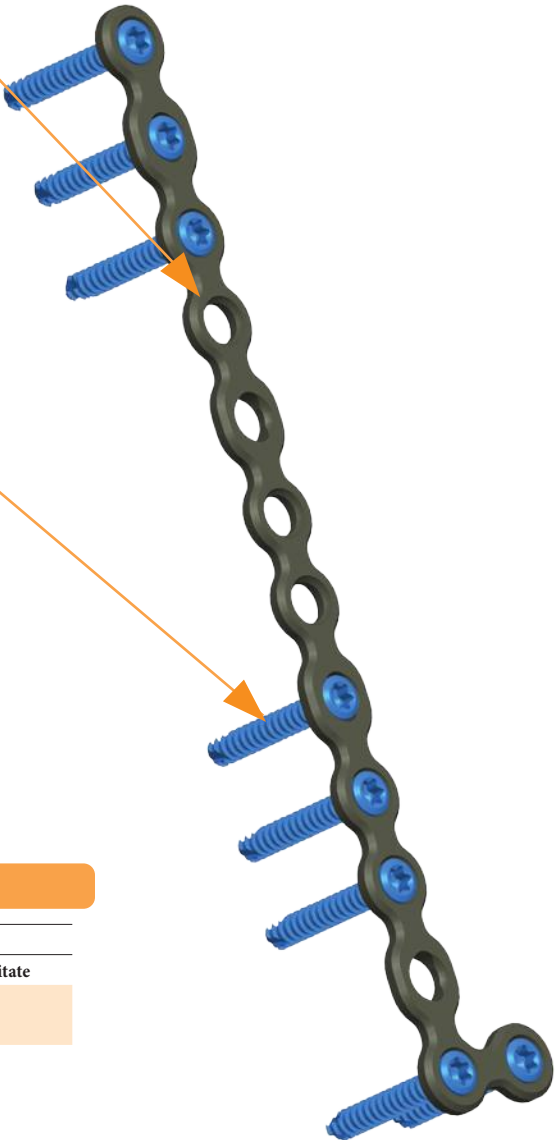
Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
Mini L-plate Mini placa in T	1
Screws - Suruburi	4-13

Mini L-plate | Mini placa in T

Holes (H+S) Gauri (F+SZ)	Length (mm) Lung (mm)	Anodised Titanium Titan Anodizat
6H	50,2	280433006
12H	101,4	280433012

Profile - Profil

Width (head) - Lățime (cap)	15 mm
Thickness - Grosime	2 mm
Width (tail) - Latime (coada)	7 mm



*For screws of this plate please see page 172-173.
*Pentru șuruburile acestei plăci vă rugăm să consultați paginile 172-173.

11.12 | **VDP - Vortex Diaphysis plate, Mini**
VDP - Placa Diafiza Vortex, Mini

Vortex Diaphysis plate, Mini
Placa Diafiza Vortex Mini

4H-14H (47-137 mm)

Screws
Suruburi

Polyaxial - Poliaxial
Vortex screw - Surub Vortex
2,7 x 8-34 mm

Normal - Normal
Cortical screw TX - Surub cortical TX 2,7 x
8-34 mm



Vortex Diaphysis plate Mini | Placa Diafiza Vortex Mini

Size Dimensiune	Holes Gauri	Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
Mini	4H	47	275208004
Mini	5H	56	275208005
Mini	6H	65	275208006
Mini	7H	74	275208007
Mini	8H	83	275208008
Mini	10H	101	275208010
Mini	12H	119	275208012
Mini	14H	137	275208014

Profile - Profil

Width - Latime	8 mm
Thickness - Grosime	2,5 mm



For one operation | Pentru o operatie

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
Vortex Diaphysis plate, Mini Placa Diafiza Vortex, Mini	1
Screws - Suruburi	4-10

11.12 | **VDP - Vortex Diaphysis plate, Mini**
VDP - Placa Diafiza Vortex, Mini

Vortex screw | Surub Vortex Ø2,7 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
8	260827108
9	260827109
10	260827110
11	260827111
12	260827112
13	260827113
14	260827114
15	260827115
16	260827116
17	260827117
18	260827118
19	260827119
20	260827120
21	260827121
22	260827122
23	260827123
24	260827124
25	260827125
26	260827126
27	260827127
28	260827128
29	260827129
30	260827130
31	260827131
32	260827132
33	260827133
34	260827134

Screw details - Detalii surub

Thread Diameter - Diametru filet	2,7 mm
Torx size - Dimensiune Torx	T9
Head Diameter - Diametru cap	4 mm
Pre Hole - Gaura pilot	2 mm

Cortical screw - TX | Surub cortical - TX Ø2,7 mm

Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
8	267527008
10	267527010
12	267527012
14	267527014
16	267527016
18	267527018
20	267527020
22	267527022
24	267527024
26	267527026
28	267527028
30	267527030
32	267527032
34	267527034



Screw details - Detalii surub

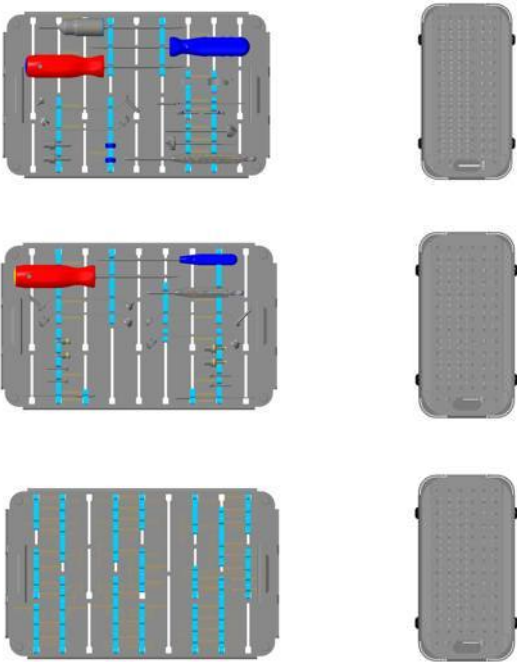
Thread Diameter - Diametru filet	2,7 mm
Torx size - Dimensiune Torx	T9
Head Diameter - Diametru cap	4,5 mm
Pre Hole - Gaura pilot	2 mm

VHF - Insturment set

VHF - Set de instrumente

Filled up tray | Trusa incarcata

Description Descriere	Size Dimensiune	Quantity Cantitate	Cat. no. Nr. cat.
Filled up tray VHF Trusa incarcata VHF			280400800



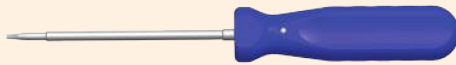
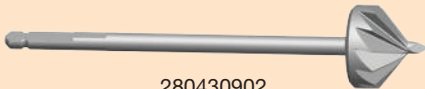
Instruments | Instrumente

Description/Size Descriere/Dimensiune	Quantity Cantitate	Cat. no. Nr. cat.
Kirschner boring wire (1,1x80 mm) Broșă Kirschner (1,1x80 mm)	4	 937511080
Kirschner boring wire (1,5x100 mm) Broșă Kirschner (1,5x100 mm)	4	 937515100
Spiral drill with quick connecting end (2x125 mm) Burghiu cupla rapidă (2x125 mm)	1	 280114903
Double drill sleeve - V (Mini) Tintitor dublu - V (Mini)	1	 275208901
Double drill sleeve - V (1,1 mm) Tintitor dublu - V (1,1 mm)	1	 280410901
Double drill sleeve - V (1,5 mm) Tintitor dublu - V (1,5 mm)	1	 280420901
Double drill sleeve - PAS (2 mm) Tintitor dublu - PAS (2 mm)	1	 280114902
Double drill sleeve - PAS (1,1 mm) Tintitor dublu - PAS (1,1 mm)	1	 280410902
Double drill sleeve - PAS (1,5 mm) Tintitor dublu - PAS (1,5 mm)	1	 280420902

VHF - Insturment set

VHF - Set de instrumente

Description/Size Descriere/Dimensiune	Quantity Cantitate	Cat. no. Nr. cat.
Threaded sleeve (2 mm) Sleeve filetat (2 mm)	2	 280114906
Threaded sleeve (1,1 mm) Sleeve filetat (1,1 mm)	2	 280410903
Threaded sleeve (1,5 mm) Sleeve filetat (1,5 mm)	2	 280420903
Depth gauge (2,7-3,5 mm) Joja (2,7-3,5 mm)	1	 280114905
Depth gauge (1,5-2 mm) Joja (1,5-2 mm)	1	 280410904
Drill stop (2 mm) Stopper burghiu (2 mm)	2	 210510222
Screw forceps Pensa suruburi	1	 939999002
Torque screwdriver (T9/1 Nm) Surubelnita dinamometrica (T9/1 Nm)	1	 210510036

Description/Size Descriere/Dimensiune	Quantity Cantitate	Cat. no. Nr. cat.
Torque screwdriver (TA7/0,2 Nm) Surubelnita dinamometrica (TA7/0,2 Nm)	1	 210510056
Screwdriver (T9) Surubelnita (T9)	1	 210720009
Screwdriver (TA7) Surubelnita (TA7)	1	 210720007
Fraise (Small) Alezor conic (Small)	1	 280430901
Fraise (Large) Alezor conic (Large)	1	 280430902
Spiral drill with quick conn.end (1,1x85 mm) Burghiu cupla rapida (1,1x85 mm)	1	 939511085
Spiral drill with quick conn. end (1,5x110 mm) Burghiu cupla rapida (1,5x110 mm)	1	 939515110
Cutting pliers Cleste cutter	1	 410090003
Tray (empty) VHF Tava (goala) VHF	1	 280400801

VHF - Insturment set

VHF - Set de instrumente

Instruments - Optional | Instrumente - Optionale

Description/Size Descriere/Dimensiune	Quantity Cantitate	Cat. no. Nr. cat.
Power torque screwdriver (T9/1 Nm) (for blue screw) Surubelnita dinamometrica motor (T9/1 Nm) (pentru surub albastru)		 210510047

11.13 | **VHF - Vortex Arthrodesis plate, Straight**
VHF - Placa artrodeza Vortex, Dreapta

Vortex Arthrodesis plate, Straight
Placa artrodeza Vortex, Dreapta

4+5H

Screws
Suruburi

Polyaxial - Poliaxial

Vortex screw - Surub Vortex
2,7 x 8-60 mm
3,5 x 10-24 mm

Normal - Normal

Cortical screw TX - Surub cortical TX 2,7 x
10-24 mm
3,5 x 10-24 mm



Vortex Arthrodesis plate, Straight | Placa artrodeza Vortex, Dreapta

Holes Gauri	Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
4+5H	120 mm	280430045



Profile - Profil

Width - Latime	8/12 mm
Thickness - Grosime	3 mm

For one operation | Pentru o operatie

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
Vortex Arthrodesis plate, Straight Placa artrodeza Vortex, Dreapta	1
Screws - Suruburi	3-3

*The Vortex Arthrodesis Straight plate can be operated with Vortex Diaphysis plate, Small (VDP, Small – 118-121 page) and Vortex Diaphysis plate, Mini (VDP, Mini - 126-127 page) instrument sets.

*Placa de Artrodeza Vortex Dreapta poate fi folosita cu seturile de instrumente ale placilor de Diafiza Small (VDP, Small - pag.118-121) si a celei de Diafiza Mini (VDP, Mini - pag. 126-127)

11.14 | **VHF - Vortex Arthrodesis plate, Curved**
VHF - Placa Artrodeza Vortex, Curba

Vortex Arthrodesis plate, Curved
Placa Artrodeza Vortex, Curba

4+4H

Screws
Suruburi

Polyaxial - Poliaxial

Vortex screw - Surub Vortex
2,7 x 8-60 mm
3,5 x 10-24 mm

Normal - Normal

Cortical screw TX - Surub cortical TX 2,7 x
10-24 mm
3,5 x 10-24 mm



For one operation | Pentru o operatie

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
Vortex Arthrodesis plate, Curved Placa Artrodeza Vortex, Curba	1
Screws - Suruburi	?

Vortex Arthrodesis plate, Curved | Placa Artrodeza Vortex, Curba

Holes Gauri	Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
4+4H	112,5 mm	280430044

Profile - Profil

Width - Latime	8/12 mm
Thickness - Grosime	3 mm



*The Vortex Arthrodesis Curved plate can be operated with Vortex Diaphysis plate, Small. (VDP, Small – 118-121 page) and Vortex Diaphysis plate, Mini (VDP, Mini - 126-127 page) instrument sets.

*Placa de Artrodeza Vortex Curba poate fi folosita cu seturile de instrumente ale placilor de Diafiza Small (VDP, Small - pag.118-121) si a celei de Diafiza Mini (VDP, Mini - pag. 126-127).

11.14 | **VHF - Vortex Arthrodesis plate, Curved**
VHF - Placa Artrodeza Vortex, Curba

Vortex screw | Surub Vortex Ø2,7 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
8	260827108
9	260827109
10	260827110
11	260827111
12	260827112
13	260827113
14	260827114
15	260827115
16	260827116
17	260827117
18	260827118
19	260827119
20	260827120
21	260827121
22	260827122
23	260827123
24	260827124
25	260827125
26	260827126
27	260827127
28	260827128
29	260827129
30	260827130
31	260827131
32	260827132
33	260827133
34	260827134

Screw details - Detalii surub

Thread Diameter - Diametru filet	2,7 mm
Torx size - Dimensiune Torx	T9
Head Diameter - Diametru cap	4 mm
Pre Hole - Gaura pilot	2 mm

Vortex screw | Surub Vortex Ø3,5 mm



Length (mm) Lungime(mm)	Anodised Titanium Titan anodizat
10	260835510
12	260835512
14	260835514
16	260835516
18	260835518
20	260835520
22	260835522
24	260835524
26	260835526
28	260835528
30	260835530
32	260835532
34	260835534
36	260835536
38	260835538
40	260835540
42	260835542
44	260835544
46	260835546
48	260835548
50	260835550

Screw details - Detalii surub

Thread Diameter - Diametru filet	3,5 mm
Torx size - Dimensiune Torx	T15
Head Diameter - Diametru cap	6 mm
Pre Hole - Gaura pilot	2,8 mm

Vortex closing screw | Surub zavorare Vortex

Diameter (mm) Diametru (mm)	Size Dimensiune	Anodised Titanium Titan anodizat
3,5	T15	260835501



11.14 | **VHF - Vortex Arthrodesis plate, Curved**
VHF - Placa Artrodeza Vortex, Curba

Cortical screw - TX | Surub cortical - TX Ø2,7 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
8	267527008
10	267527010
12	267527012
14	267527014
16	267527016
18	267527018
20	267527020
22	267527022
24	267527024
26	267527026
28	267527028
30	267527030
32	267527032
34	267527034

Screw details - Detalii surub

Thread Diameter - Diametru filet	2,7 mm
Torx size - Dimensiune Torx	T9
Head Diameter - Diametru cap	4,5 mm
Pre Hole - Gaura pilot	2 mm

Cortical screw - TX | Surub cortical - TX Ø3,5 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
20	267535020
22	267535022
24	267535024
26	267535026
28	267535028
30	267535030
32	267535032
34	267535034
35	267535035
36	267535036
38	267535038
40	267535040
42	267535042
44	267535044
45	267535045
46	267535046
48	267535048
50	267535050

Screw details - Detalii surub

Thread Diameter - Diametru filet	3,5 mm
Torx size - Dimensiune Torx	T15
Head Diameter - Diametru cap	6 mm
Pre Hole - Gaura pilot	2,8 mm

12. | Cancellous screws

Suruburi Spongie

Cancellous screw self tapping fully threaded | Surub spongie autotarodant total filetat Ø4 mm

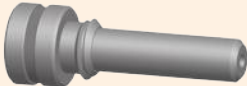


Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
10	919140010
12	919140012
14	919140014
16	919140016
18	919140018
20	919140020
22	919140022
24	919140024
26	919140026
28	919140028
30	919140030
32	919140032
34	919140034
35	919140035
36	919140036
38	919140038
40	919140040
42	919140042
44	919140044
45	919140045
46	919140046
48	919140048
50	919140050
52	919140052
54	919140054
55	919140055
56	919140056
58	919140058
60	919140060
65	919140065
70	919140070
75	919140075
80	919140080
85	919140085
90	919140090
95	919140095
100	919140100

Screw details - Detalii surub

Thread Diameter - Diametru filet	4 mm
Hexagon Socket Width - Latime lacas hexagon	2,5 mm
Head Diameter - Diametru cap	6 mm
Pre Hole - Gaura pilot	2,5 mm
Thread Pitch - Pas surub	1,75 mm

Instrument set | Set de instrumente

Description Descriere	Size Dimensiune	Quantity Cantitate	Cat. no. Nr. cat.
Soft tissue protector Protector tesuturi moi		1	 210540001
Guide sleeve Sleeve tintire		1	 210541002

12. | Cancellous screws

Suruburi Spongie

Cancellous screw self-tapping - A | Surub spongie autotarodant - A Ø6,5 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
65	914265065
70	914265070
75	914265075
80	914265080

Cancellous screw self-tapping - B | Surub spongie autotarodant - B Ø6,5 mm

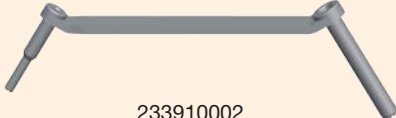


Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
65	914365065
70	914365070
75	914365075
80	914365080

Screw details - Detalii surub

Thread Diameter - Diametru filet	6,5 mm
Hexagon Socket width - Latime lacas hexagon	3,5 mm
Head Diameter - Diametru cap	8 mm
Pre Hole - Gaura pilot	3,2 mm
Pitch - Pas surub	2,75 mm

Instrument set | Set de instrumente

Description/Size Megnevezés/ Dimensiune	Quantity Cantitate	Cat. no. Nr. cat.
Spiral drill with quick connecting end (3,2x195 mm) Burghiu cupla rapida (3,2x195 mm)	1	 939532195
Screwdriver (3,5 mm) Surubelnita (3,5 mm)	1	 210700035
Double drill sleeve (6,5/3,2 mm) Tintitor dublu (6,5/3,2 mm)	1	 233910002

13.1 | Optional Vortex plate - VPT-M

Placa Optionala Vortex VPT-M

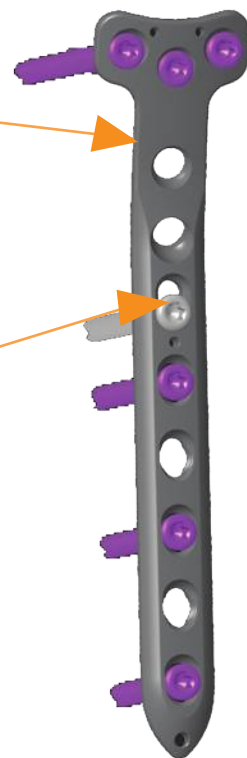
VPT plate-M | Placa VPT-M

5 H head - 5 H cap
3H-8H shaft - 3H-8H coada
(128 - 208 mm)

Screws Suruburi

Polyaxial - Poliaxial
Vortex screw - Surub Vortex
5,1 x 12-80 mm

Normal - Normal
Cortical screw TX - Surub cortical TX 5,1 x
24-55 mm
Cancellous screw - Surub sponge 6,5 x
65-80 mm



Vortex Proximal Tibia plate-M | Placa Tibie Proximala Vortex-M

Holes Gauri	Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
5 + 1	96	280123001
5 + 2	112	280123002
5 + 3	128	280123003
5 + 4	144	280123004
5 + 5	160	280123005
5 + 6	176	280123006
5 + 7	192	280123007
5 + 8	208	280123008



Profile - Profil

Width (head) - Latime (cap)	34 mm
Width (shaft) - Latime (coada)	16 mm
Thickness (head) - Grosime (cap)	3 mm
Thickness (shaft) - Grosime (coada)	5 mm

For one operation | Pentru o operatie

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
VPT plate-M - VPT lemez-M	1
Screws (head) - Suruburi (cap)	5
Screws (shaft) - Suruburi (coada)	3-8

13.1 | Optional Vortex plate - VPT-M

Placa Optionala Vortex VPT-M

Vortex screw | Surub Vortex Ø5,1 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat	Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
12	260851012	38	260851038
14	260851014	40	260851040
16	260851016	42	260851042
18	260851018	44	260851044
20	260851020	46	260851046
22	260851022	48	260851048
24	260851024	50	260851050
26	260851026	55	260851055
28	260851028	60	260851060
30	260851030	65	260851065
32	260851032	70	260851070
34	260851034	75	260851075
36	260851036	80	260851080

Screw details - Detalii surub

Thread Diameter - Diametru filet	5,1 mm
Torx size - Dimensiune Torx	T25
Head Diameter - Diametru cap	7,75 mm
Pre Hole - Gaura pilot	4,0 mm

Cortical screw - TX | Surub cortical - TX Ø5,1 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
24	267551024
26	267551026
28	267551028
30	267551030
32	267551032
34	267551034
36	267551036
38	267551038
40	267551040
42	267551042
44	267551044
46	267551046
48	267551048
50	267551050
55	267551055
60	267551060
65	267551065
70	267551070
75	267551075
80	267551080

Screw details - Detalii surub

Thread Diameter - Diametru filet	5,1 mm
Torx size - Dimensiune Torx	T25
Head Diameter - Diametru cap	8 mm
Pre Hole - Gaura pilot	4,0 mm

Vortex closing screw | Surub zavorare Vortex



Diameter (mm) Diametru (mm)	Size Dimensiune	Anodised Titanium Titan anodizat
5,1	T25	260851001

*6,5 mm Cancellous screw can optionally be used. See 190-191. page. Separate hex screwdriver is needed for insertion

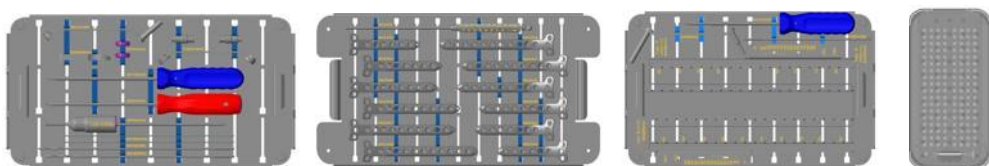
*Opțional se poate utiliza șurub de spongie de 6,5 mm. Vezi pag. 190-191. Pentru introducere este necesară o șurubelniță hexagonală separată.

13.1 | Optional Vortex plate - VPT-M

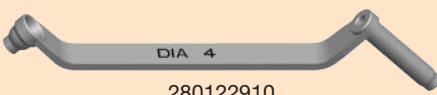
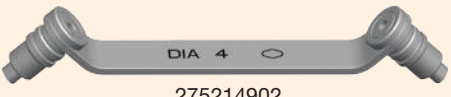
Placa Optionala Vortex VPT-M

Filled up tray | Trusa incarcata

Description Descriere	Size Dimensiune	Quantity Cantitate	Cat. no. Nr. cat.
Filled up tray VPT-M Trusa incarcata VPT-M			233800026

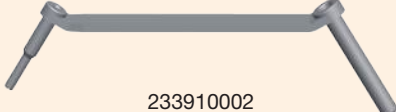


Instruments | Instrumente

Description/Size Descriere/Dimensiune	Quantity Cantitate	Cat. no. Nr. cat.
Screwdriver (T25) Surubelnita (T25)	1	 210720025
Torque screwdriver (T25/3,5 Nm) (for purple screw) Surubelnita dinamometrica (T25/3,5 Nm) (pentru surub violet)	1	 210510046
Depth gauge (10-90 mm) Joja (10-90 mm)	1	 280122912
Double drill sleeve - PAS (4 mm) Tintitor dublu - PAS (4 mm)	1	 280122910
Double drill sleeve - V (Large) neutral/kompresion Tintitor dublu - V (Large) neutru/compresie	1	 275214902
Kirschner boring wire (2x230 mm) Brosa Kirschner (2x230 mm)	5	 937520230

Description/Size Descriere/Dimensiune	Quantity Cantitate	Cat. no. Nr. cat.
Screw forceps Pensa suruburi	1	 939999002
Drill stop (4 mm) Stopper burghiu (4 mm)	2	 210510240
Spiral drill with quick-connecting end (4x260 mm) Burghiu cupla rapida (4x260 mm)	1	 280122915
Spiral drill with quick-connecting end (4x250 mm) Burghiu cupla rapida (4x250 mm)	1	 280251903
Tray (empty) VPT-M Tava (goala) VPT-M	1	 233800027

Instruments- Optional | Instrumente - Optionale

Description/Size Descriere/Dimensiune	Quantity Cantitate	Cat. no. Nr. cat.
Power torque screwdriver (T25/3,5 Nm) (for purple screw) Surubelnita dinamometrica motor (T25/3,5 Nm) (lila csa-varhoz)		 210510048
Spiral drill with quick connecting end (3,2x195 mm) Burghiu cupla rapida (3,2x195 mm)		 939532195
Screwdriver for collet (3,5 mm) Surubelnita patronhoz (3,5 mm)		 210700035
Double drill sleeve (6,5/3,2 mm) Tintitor dublu (6,5/3,2 mm)		 233910002

13.2 | Optional Vortex plate - VPT LAT - L

Placa Optionala Vortex - VPT LAT - L

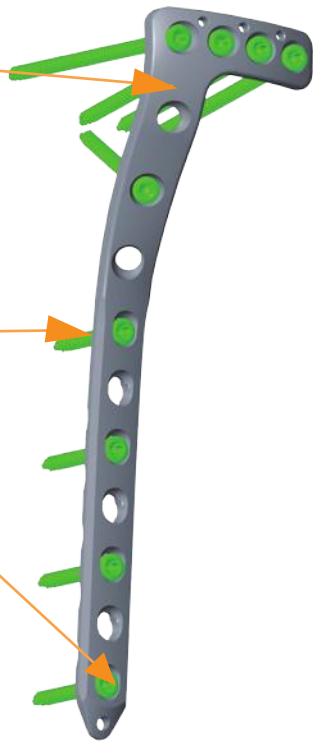
VPT LAT - L plate | placa VPT LAT - L

Left-Right 5H-10H (134-199 mm) Stanga-Dreapta 5H-10H (134-199 mm)

Screws Suruburi

Polyaxial - Poliaxial
Vortex screw - Surub Vortex
3,5 x 10-80 mm

Normal - Normal
Cortical screw TX - Surub cortical TX 3,5 x 10-120 mm



Vortex Proximal Tibia LAT - L plate | Placa Tibie Proximala LAT - L

Type Tip	Holes Gauri	Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
Left - Stanga	7 + 5	134	280123105
Left - Stanga	7 + 6	147	280123106
Left - Stanga	7 + 7	160	280123107
Left - Stanga	7 + 8	173	280123108
Left - Stanga	7 + 9	186	280123109
Left - Stanga	7 + 10	199	280123110
Right - Dreapta	7 + 5	134	280123205
Right - Dreapta	7 + 6	147	280123206
Right - Dreapta	7 + 7	160	280123207
Right - Dreapta	7 + 8	173	280123208
Right - Dreapta	7 + 9	186	280123209
Right - Dreapta	7 + 10	199	280123210

Profile - Profil

Width (head) - Latime (cap)	38 mm
Width (shaft) - Latime (coada)	12 mm
Thickness (head) - Grosime (cap)	3 mm
Thickness (shaft) - Grosime (coada)	4 mm

For one operation | Pentru o operatie

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
VPT Lat - Lplate - placa VPT Lat - L	1
Screws (head) - Suruburi (cap)	6
Screws (shaft) - Suruburi (coada)	5-10

13.2 | Optional Vortex plate - VPT LAT - L

Placa Optionala Vortex - VPT LAT - L

Vortex screw | Surub Vortex Ø3,5 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat	Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
10	260835510	38	260835538
12	260835512	40	260835540
14	260835514	42	260835542
16	260835516	44	260835544
18	260835518	46	260835546
20	260835520	48	260835548
22	260835522	50	260835550
24	260835524	55	260835555
26	260835526	60	260835560
28	260835528	65	260835565
30	260835530	70	260835570
32	260835532	75	260835575
34	260835534	80	260835580
36	260835536		

Screw details - Detalii surub

Thread Diameter - Diametru filet	3,5 mm
Torx size - Dimensiune Torx	T15
Head Diameter - Diametru cap	6 mm
Pre Hole - Gaura pilot	2,8 mm

Cortical screw - TX | Surub cortical - TX Ø3,5 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
10	267535010
12	267535012
14	267535014
16	267535016
18	267535018
20	267535020
22	267535022
24	267535024
26	267535026
28	267535028
30	267535030
32	267535032
34	267535034
35	267535035
36	267535036
38	267535038
40	267535040
42	267535042
44	267535044
45	267535045
46	267535046
48	267535048
50	267535050
55	267535055
60	267535060
65	267535065
70	267535070
75	267535075
80	267535080
85	267535085
90	267535090
95	267535095
100	267535100
105	267535105
110	267535110
115	267535115
120	267535120

Screw details - Detalii surub

Thread Diameter - Diametru filet	3,5 mm
Torx size - Dimensiune Torx	T15
Head Diameter - Diametru cap	6 mm
Pre Hole - Gaura pilot	2,8 mm

Vortex closing screw | Surub zavorare Vortex



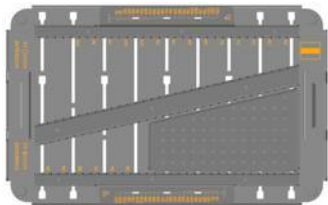
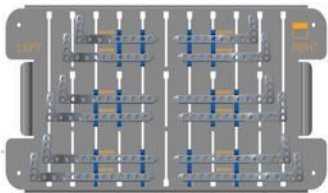
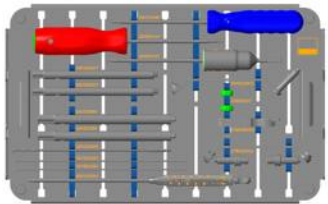
Diameter (mm) Diametru (mm)	Size Dimensiune	Anodised Titanium Titan anodizat
3,5	T15	260835501

13.2 | Optional Vortex plate - VPT LAT - L

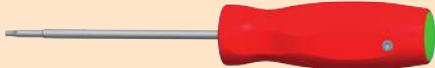
Placa Optionala Vortex - VPT LAT - L

Filled up tray | Trusa incarcata

Description Descriere	Size Dimensiune	Quantity Cantitate	Cat. no. Nr. cat.
Filled up tray VPT LAT - L Trusa incarcata VPT LAT - L			233800028

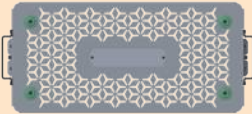


Instrument | Instrumente

Description/Size Megnevezés/ Dimensiune	Quantity Cantitate	Cat. no. Nr. cat.
Screwdriver (T15) Surubelnita (T15)	1	 210720015
Torque screwdriver (T15/1,5 Nm) (for green screw) Cheie dinamometrica (T15/1.5Nm) (pentru surub verde)	1	 210510044
Plate bender (6 mm) Bender placi (6 mm)	2	 280122907
Plate bender - V (6 mm) Bender placi - V (6 mm)	2	 280122914
Depth gauge (8-60 mm) Joja (8-60 mm)	1	 280122904
Double drill sleeve - PAS (2,8 mm) Tintitor dublu - PAS (2,8 mm)	1	 280122903
Double drill sleeve - V (Small) neutral/kompresion Tintitor dublu - V (Small) neutru/compresie	1	 275212902

13.2 | Optional Vortex plate - VPT LAT - L

Placa Optionala Vortex - VPT LAT - L

Description/Size Descriere/Dimensiune	Quantity Cantitate	Cat. no. Nr. cat.
Spiral drill with quick coupling end (2,8x190 mm) Burghiu cupla rapida (2,8x190 mm)	2	 280122906
Kirschner boring wire (2x210 mm) Brosa Kirschner (2x210 mm)	6	 937520210
Screw forceps Pensa suruburi	1	 939999002
Drill stop (2,8 mm) Stopper burghiu (2,8 mm)	2	 210510227
Tray (empty) VPT LAT-L Tava (goala) VPT LAT-L	1	 233800029

Instrument - Optional | Instrumente - Optionale

Description/Size Descriere/Dimensiune	Quantity Cantitate	Cat. no. Nr. cat.
Power torque screwdriver (T15/1,5 Nm) (for green screw) Surubelnita dinamometrica motor (T15/1,5 Nm) (pentru surub verde)		 210510037

13.3 | Optional Vortex plate - VDT - AL

Placa Optionala Vortex - VDT - AL

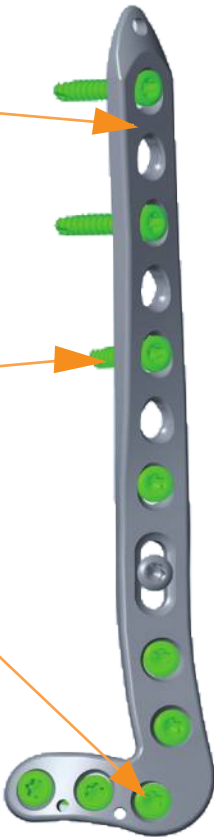
VDT - AL plate | placa VDT - AL

Left-Right 5H-14H (83-182 mm)
Stanga-Dreapta 5H-14H (83-182 mm)

Screws
Suruburi

Polyaxial - Poliaxial
Vortex screw - Surub Vortex
3,5 x 10-50 mm

Normal - Normal
Cortical screw TX - Surub cortical TX 3,5 x 10-50 mm



Vortex Distal Tibia - AL plate | Placa Tibie Distala Vortex - AL

Type Tip	Holes Gauri	Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
Left - Stanga	3+5	83	280123305
Left - Stanga	3+6	94	280123306
Left - Stanga	3+7	105	280123307
Left - Stanga	3+8	116	280123308
Left - Stanga	3+9	127	280123309
Left - Stanga	3+10	138	280123310
Left - Stanga	3+12	160	280123312
Left - Stanga	3+14	182	280123314
Right - Dreapta	3+5	83	280123405
Right - Dreapta	3+6	94	280123406
Right - Dreapta	3+7	105	280123407
Right - Dreapta	3+8	116	280123408
Right - Dreapta	3+9	127	280123409
Right - Dreapta	3+10	138	280123410
Right - Dreapta	3+12	160	280123412
Right - Dreapta	3+14	182	280123414

Profile - Profil

Width (head) - Latime (cap)	33,3 mm
Width (shaft) - Latime (coada)	12 mm
Thickness (head) - Grosime (cap)	2,7 mm
Thickness (shaft) - Grosime (coada)	4 mm

For one operation | Pentru o operatie

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
VDT - AL plate - Placa VDT - AL	1
Screws (head) - Suruburi (cap)	3
Screws (shaft) - Suruburi (coada)	5-14

13.3 | Optional Vortex plate - VDT - AL

Placa Optionala Vortex - VDT - AL

Vortex screw | Surub Vortex Ø3,5 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
10	260835510
12	260835512
14	260835514
16	260835516
18	260835518
20	260835520
22	260835522
24	260835524
26	260835526
28	260835528
30	260835530
32	260835532
34	260835534
36	260835536
38	260835538
40	260835540
42	260835542
44	260835544
46	260835546
48	260835548
50	260835550

Screw details - Detalii surub

Thread Diameter - Diametru filet	3,5 mm
Torx size - Dimensiune Torx	T15
Head Diameter - Diametru cap	6 mm
Pre Hole - Gaura pilot	2,8 mm

Vortex closing screw | Surub zavorare Vortex



Diameter (mm) Diametru (mm)	Size Dimensiune	Anodised Titanium Titan anodizat
3,5	T15	260835501

Cortical screw - TX | Surub cortical - TX Ø3,5 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
10	267535010
12	267535012
14	267535014
16	267535016
18	267535018
20	267535020
22	267535022
24	267535024
26	267535026
28	267535028
30	267535030
32	267535032
34	267535034
35	267535035
36	267535036
38	267535038
40	267535040
42	267535042
44	267535044
45	267535045
46	267535046
48	267535048
50	267535050

Screw details - Detalii surub

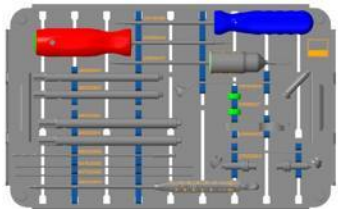
Thread Diameter - Diametru filet	3,5 mm
Torx size - Dimensiune Torx	T15
Head Diameter - Diametru cap	6 mm
Pre Hole - Gaura pilot	2,8 mm

13.3 | **Optional Vortex plate - VDT - AL**

Placa Optionala Vortex - VDT - AL

Filled up tray | Trusa incarcata

Description Descriere	Size Dimensiune	Quantity Cantitate	Cat. no. Nr. cat.
Filled up tray VDT- A L Trusa incarcata VDT - AL			233800030



Instrument | Instrumente

Description/Size Descriere/Dimensiune	Quantity Cantitate	Cat. no. Nr. cat.
Screwdriver (T15) Surubelnita (T15)	1	 210720015
Torque screwdriver (T15/1,5 Nm) (for green screw) Cheie dinamometrica (T15/1.5Nm) (pentru surub verde)	1	 210510044
Plate bender (6 mm) Bender placi (6 mm)	2	 280122907
Plate bender - V (6 mm) Bender placi - V (6 mm)	2	 280122914
Depth gauge (8-60 mm) Joja (8-60 mm)	1	 280122904
Double drill sleeve - PAS (2,8 mm) Tintitor dublu - PAS (2,8 mm)	1	 280122903
Double drill sleeve - V (Small) neutral/kompresion Tintitor dublu - V (Small) neutru/kompresie	1	 275212902

13.3 | Optional Vortex plate - VDT - AL

Placa Optionala Vortex - VDT - AL

Description/Size Descriere/Dimensiune	Quantity Cantitate	Cat. no. Nr. cat.
Spiral drill with quick coupling end (2,8x190 mm) Burghiu cupla rapida (2,8x190 mm)	2	 280122906
Kirschner boring wire (2x210 mm) Brosa Kirschner (2x210 mm)	6	 937520210
Screw forceps Pensa suruburi	1	 939999002
Drill stop (2,8 mm) Stopper burghiu (2,8 mm)	2	 210510227
Tray (empty) VDT-AL Tava (goala) VDT-AL	1	 233800031

Instrument - Optional | Instrumente - Optionale

Description/Size Descriere/Dimensiune	Quantity Cantitate	Cat. no. Nr. cat.
Power torque screwdriver (T15/1,5 Nm) (for green screw) Cheie dinamometrica motor (T15/1,5 Nm) (pentru surub verde)	1	 210510037

13.4 | Optional Vortex plate - VFI

Placa Optionala Vortex - VFI

Vortex Distal Fibula plate
Placa Fibula Distala Vortex

Left-Right 5+3H-8H (76-136 mm)
Stanga-Dreapta 5+3H-8H (76-136 mm)

Screws
Suruburi

Polyaxial - Poliaxial
Vortex screw - Surub Vortex
2,7 x 8-14 mm
3,5 x 10-22 mm

Normal - Normal
Cortical screw TX - Surub cortical TX 2,7 x 8-14 mm
3,5 x 10-22 mm



Vortex Distal Fibula plate | Placa Fibula Distala Vortex

Type Tip	Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
Left 5+3H	76	280123503
Left 5+4H	88	280123504
Left 5+5H	100	280123505
Left 5+6H	112	280123506
Left 5+7H	124	280123507
Left 5+8H	136	280123508
Right 5+3H	76	280123603
Right 5+4H	88	280123604
Right 5+5H	100	280123605
Right 5+6H	112	280123606
Right 5+7H	124	280123607
Right 5+8H	136	280123608

Profile - Profil

Width (head) - Latime (cap)	15 mm
Width (shaft) - Latime (coada)	10 mm
Thickness - Grosime	3 mm

For one operation | Pentru o operatie

Implants - Implanturi	
Description - Descriere	Quantity - Cantitate
Vortex Distal Fibula plate Placa Fibula Distala Vortex	1
Screws (head) - Suruburi (cap)	5
Screws (shaft) - Suruburi (coada)	3-8

13.4 | Optional Vortex plate - VFI

Placa Optionala Vortex- VFI

Vortex screw | Surub Vortex Ø2,7 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
8	260827108
10	260827110
12	260827112
14	260827114
15	260827115
16	260827116
17	260827117
18	260827118
19	260827119
20	260827120
21	260827121
22	260827122
23	260827123
24	260827124
25	260827125
26	260827126
27	260827127
28	260827128
29	260827129
30	260827130
31	260827131
32	260827132
33	260827133
34	260827134
36	260827136
38	260827138
40	260827140
42	260827142
44	260827144
46	260827146
48	260827148
50	260827150
52	260827152
54	260827154
56	260827156
58	260827158
60	260827160

Screw details - Detalii surub

Thread Diameter Diametru filet	2,7 mm
Torx size Dimensiune Torx	T9
Head Diameter Diametru cap	4 mm
Pre Hole Gaura pilot	2 mm

Vortex screw | Surub Vortex Ø3,5 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
10	260835510
12	260835512
14	260835514
16	260835516
18	260835518
20	260835520
22	260835522
24	260835524
26	260835526
28	260835528
30	260835530
32	260835532
34	260835534
36	260835536
38	260835538
40	260835540
42	260835542
44	260835544
46	260835546
48	260835548
50	260835550
55	260835555
60	260835560

Screw details - Detalii surub

Thread Diameter - Diametru filet	3,5 mm
Torx size - Dimensiune Torx	T15
Head Diameter - Diametru cap	6 mm
Pre Hole - Gaura pilot	2,8 mm

Vortex closing screw | Surub zavorare Vortex

Diameter (mm) Diametru (mm)	Size Dimensiune	Anodised Titanium Titan anodizat
3,5	T15	260835501



13.4 | Optional Vortex plate - VFI

Placa Optionala Vortex - VFI

Cortical screw - TX | Surub cortical - TX Ø2,7 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
8	267527008
10	267527010
12	267527012
14	267527014
16	267527016
18	267527018
20	267527020
22	267527022
24	267527024
26	267527026
28	267527028
30	267527030
32	267527032
34	267527034

Screw details - Detalii surub

Thread Diameter - Diametru filet	2,7 mm
Torx size - Dimensiune Torx	T9
Head Diameter - Diametru cap	4,5 mm
Pre Hole - Gaura pilot	2 mm

Cortical screw - TX | Surub cortical - TX Ø3,5 mm



Length (mm) Lungime (mm)	Anodised Titanium Titan anodizat
10	267535010
12	267535012
14	267535014
16	267535016
18	267535018
20	267535020
22	267535022
24	267535024
26	267535026
28	267535028
30	267535030
32	267535032
34	267535034
35	267535035
36	267535036
38	267535038
40	267535040
42	267535042
44	267535044
45	267535045
46	267535046
48	267535048
50	267535050
55	267535055
60	267535060

Screw details - Detalii surub

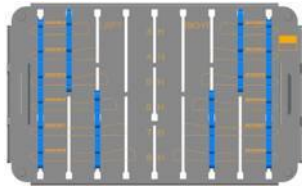
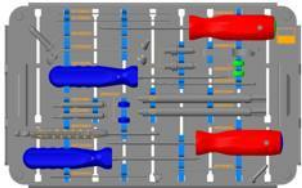
Thread Diameter - Diametru filet	3,5 mm
Torx size - Dimensiune Torx	T15
Head Diameter - Diametru cap	6 mm
Pre Hole - Gaura pilot	2,8 mm

13.4 | Optional Vortex plate - VFI

Placa Optionala Vortex - VFI

Filled up tray | Trusa incarcata

Description Descriere	Size Dimensiune	Quantity Cantitate	Cat. no. Nr. cat.
Filled up tray VFI Trusa incarcata VFI			233800032



Instruments | Instrumente

Description/Size Megnevezés/ Nr. cat.	Quantity Cantitate	Cat. no. Nr. cat.
Screwdriver (T9) Surubelnita (T9)	1	 210720009
Screwdriver (T15) Surubelnita (T15)	1	 210720015
Torque screwdriver (T9/1 Nm) (for blue screw) Surubelnita dinamometrica(T9/1 Nm) (pentru surub albastru)	1	 210510036
Torque screwdriver (T15/1,5 Nm) (for green screw) Surubelnita dinamometrica (T15/1.5Nm) (pentru surub verde)	1	 210510044
Spiral drill with quick-connecting end (2x125 mm) Burghiu cupla rapida (2x125 mm)	1	 280114903
Spiral drill with quick-connecting end (2,8x135 mm) Burghiu cupla rapida (2,8x135 mm)	1	 280122905

13.4 | Optional Vortex plate - VFI

Placa Optionala Vortex - VFI

Description/Size	Quantity Cantitate	Cat. no. Nr. cat.
Double drill sleeve - PAS (2 mm) Tintitor dublu - PAS (2 mm)	1	 280114902
Double drill sleeve - PAS (2,8 mm) Tintitor dublu - PAS (2,8 mm)	1	 280122903
Double drill sleeve - V (Small) Tintitor dublu - V (Small)	1	 275212902
Kirschner boring wire (1,6x150 mm) Brosa Kirschner (1,6x150 mm)	5	 937516150
Screw forceps Pensa suruburi	1	 939999002
Drill stop (2 mm) Stopper burghiu (2 mm)	2	 210510222
Drill stop (2,8 mm) Stopper burghiu (2,8 mm)	2	 210510227
Depth gauge (2,7-3,5 mm) Joja (2,7-3,5 mm)	1	 280114905

Description/Size Descriere/Dimensiune	Quantity Cantitate	Cat. no. Nr. cat.
Plate bender - V (6 mm) Bender placi - V (6 mm)	2	 280122914
Plate bender (4 mm) Bender placi (4 mm)	2	 280114901
Tray (empty) VFI Tava (goala) VFI	1	 233800033

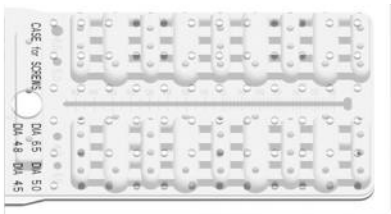
Instruments - Optional | Instrumente - Optionale

Description/Size Megnevezés/ Dimensiune	Quantity Cantitate	Cat. no. Nr. cat.
Power torque screwdriver (T9/1 Nm) (for blue screw) Cheie dinamometrica motor (T9/1 Nm) (pentru surub albastru)	1	 210510047
Power torque screwdriver (T15/1,5 Nm) (for green screw) Cheie dinamometrica motor (T15/1,5 Nm) (pentru surub verde)	1	 210510037

14. | Implant storage

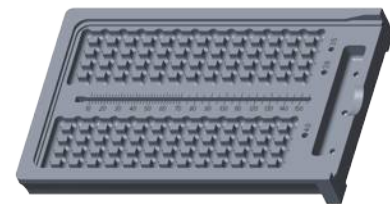
Implantátum tárolás

Holder for large screws | Rack suruburi mari

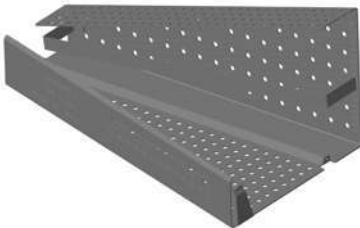


Diameter of screws Diametru suruburi	Cat. No. Nr. cat.
5,1 mm - AS 5,1 mm - TX 6,5 mm	
Large screw cassette (empty) Caseta suruburi mari (goala)	205020003*

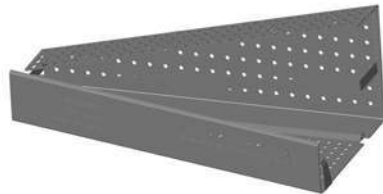
Holder for small screws | Rack suruburi mici



Diameter of screws Diametru suruburi	Cat. No. Nr. cat.
3,5 mm 4,0 mm	
Small screw holder (empty) Caseta suruburi mici (goala)	205020002*



Diameter of screws Diametru suruburi	Cat. No. Nr. cat.
3,5 mm 4,0 mm 4,5 mm	
Case for screw (empty) (3,5; 4,0; 4,5 mm)* Caseta suruburi (goala) (3,5; 4,0; 4,5 mm)	205020004*

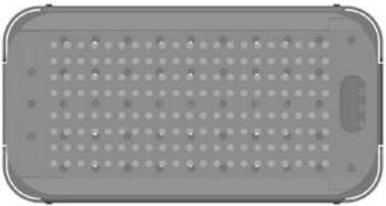


Diameter of screws Diametru suruburi	Cat. No. Nr. cat.
3,8 mm 6,5 mm	
Case for screw (empty) (3,8; 6,5 mm)* Caseta suruburi (goala) (3,8; 6,5 mm)	205020005*

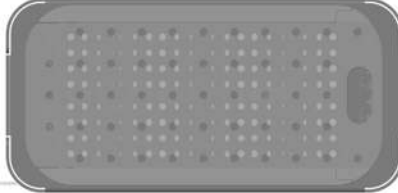
*Can be uploaded flexibly.
*Poate fi incarcata in mod flexibil

Holder for Vortex screws | Tároló Vortex csavarokhoz

Diameter of screws Diametru suruburi	Cat. No. Nr. cat.
3,5 mm	
Screw cassette - Vortex (empty) Caseta suruburi - Vortex (goala)	410014802



Diameter of screws Diametru suruburi	Cat. No. Nr. cat.
5,1 mm	
Screw cassette - Vortex (empty) Caseta suruburi - Vortex (goala)	205020008



COMPETITIVE INNOVATION

Reprezentat de :



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