



RECOMENDAÇÕES IMPORTANTES SOBRE IMPLANTES CIRÚRGICOS METÁLICOS

Os produtos fabricados pela Ortosintese oferecem suporte ao Cirurgião Ortopedista nos procedimentos de fixação óssea, visando a consolidação. Na sua ausência, o implante não substitui a estrutura óssea.

Para melhores resultados em tratamento de fraturas:

- A escolha correta de um implante tem uma grande importância, pois o potencial de sucesso na fixação aumenta com esta seleção.
- O implante pode se soltar, falhar ou danificar-se quando for submetido ao aumento de carga associado à ausência ou retardo de consolidação.
- O paciente com uma qualidade de osso ruim, como osso osteoporótico, apresenta um risco maior de soltura ou falha.
- É muito importante realizar uma redução cuidadosa da fratura e uma fixação estável. Caso falte suporte ósseo, o implante suportará toda a carga aumentando o risco de falhar.
- Fatores como peso do paciente, nível de atividade e obediência às instruções dadas pelo cirurgião no pós-operatório refletem no desempenho do implante.
- Pacientes com distúrbios mentais podem não ser capazes de observar limitações ou precauções no uso do implante.
- Os implantes metálicos estão sujeitos a desgaste e fadiga, portanto, devem ser utilizados apenas uma vez.
- Não é recomendado o uso de implantes de fabricantes diferentes.
- Todo material fabricado pela Ortosintese possui o logotipo e o número de lote gravados a laser. Recomenda-se anotar o mesmo no protocolo do paciente.
- Para correta utilização de implantes e instrumentais Ortosintese são necessários conhecimentos adequados e treinamento.
- Leia todas as instruções de uso e recomendações contidas na "documentação do produto".
- Para informações pertinentes a técnicas cirúrgicas, solicita-se entrar em contato pelo email ortosintese@ortosintese.com.br.
- Mediante demanda especial, a Ortosintese pode fabricar implantes com medidas especiais,

IMPORTANT RECOMMENDATIONS ON METALLIC SURGICAL IMPLANTS

Products manufactured by Ortosintese support the Orthopedic Surgeon in the procedures for bone fixation, aiming at consolidation. In its absence, the implant does not replace the bone structure.

For best results in fracture treatment:

- *The correct choice of an implant is of great importance, because the potential for success in fixation increases with this selection.*
- *The implant may come loose, fail or become damaged when subjected to increased load associated with the absence or delay of consolidation.*
- *A patient with poor bone quality, such as osteoporotic bone, presents a risk greater release or failure.*
- *It is very important to perform a careful reduction of the fracture and a stable fixation. Without a Bone support, the implant will support the entire load increasing the risk of failure.*
- *Factors such as patient weight, activity level and obedience to the instructions given by the postoperative surgeon reflect on the performance of the implant.*
- *Patients with mental disorders may not be able to observe limitations or precautions in the use of the implant.*
- *Metal implants are subject to wear and fatigue and should therefore be used only once.*
- *The use of implants from different manufacturers is not recommended.*
- *All material manufactured by Ortosintese has the laser engraved logo and batch number. It is recommended to note the same in the patient protocol.*
- *For correct use of implants and instruments Orthosynthesis is necessary knowledge training.*
- *Read all instructions and recommendations contained in the "product documentation".*
- *For information pertinent to surgical techniques, please contact us by email ortosintese@ortosintese.com.br.*
- *By special request, Ortosintese can manufacture implants with special measures,*

ESPECIFICAÇÕES TÉCNICAS PARA MATERIAIS DE IMPLANTES

Material	ASTM	ISO
Aço Inoxidável Barra	F 138	5832-1
Aço Inoxidável Chapa	F 139	5832-1
Titânio Puro	F 67	5832-2
Titânio Ti 6Al 7Nb	F1295	5832-11
Titânio Ti 6Al 4V	F 136	5832-3
Cromo Cobalto M Fundido	F 75	5832-4
Liga de Cromo Cobalto Molibdênio	F1537	5832-12
Polietileno	F 648	5834-2
PMMA	F 451	5833
Spray Plasma de Ti	F1580	5832-3
PEEK	F 2026	15309

TECHNICAL SPECIFICATIONS FOR IMPLANTS MATERIALS

Material	ASTM	ISO
<i>Stainless Steel Bar</i>	F 138	5832-1
<i>Stainless Steel Sheet</i>	F 139	5832-1
<i>Unalloyed Titanium</i>	F 67	5832-2
<i>Titanium Ti 6Al 7Nb</i>	F1295	5832-11
<i>Titanium Ti 6Al 4V</i>	F 136	5832-3
<i>Cast M Cobalt Chrome</i>	F 75	5832-4
<i>Wrought Cobalt Chromium Molybdenum Alloy</i>	F1537	5832-12
<i>Polyethylene UHMWPE</i>	F 648	5834-2
<i>PMMA</i>	F 451	5833
<i>Titanium Plasma Spray</i>	F1580	5832-3
<i>PEEK</i>	F 2026	15309

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2045	A 22	2081	B 15	2126	B 40	2261	E 05	2414	D 05	2584	C 12	2679	A 10	2864	C 06	2955	B 02

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2958	B 02	3126	B 30	3216	B 18	3338	B 50	3455	B 17	4528	B 44	4751	E 09	4861	B 01	5111	B 23
2959	B 02	3128	B 54	3217	B 18	3340	B 04	3460	B 11	4534	B 45	4753	E 06	4862	B 01	5112	B 23
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2963	B 02	3135	B 17	3219	B 18	3342	B 18	3465	B 11	4546	B 45	4756	E 09	4867	D 01	5114	B 23
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3060	B 17	3188	B 18	3295	B 17	3406	E 01	4209	B 29	4680	C 17	4811	D 01	5004	B 29	6128	B 26
3062	B 17	3188	B 29	3296	B 11	3407	E 01	4210	B 29	4684	C 17	4812	D 01	5005	B 29	6129	B 26
3064	B 17	3189	B 18	3296	B 17	3415	B 09	4210	B 33	4688	C 17	4813	D 01	5006	B 29	6130	B 26
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3094	B 01	3208	B 18	3330	A 08	3435	B 17	4485	D 04	4728	C 17	4843	C 05	5103	B 21	6166	B 33
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Polyethylene
 ISO 5834-2
 ASTM F.648
Cr Co Mo
 ASTM F.75

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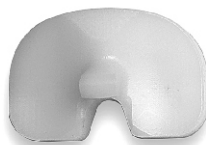
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0364



COMPONENTE FEMORAL SEM BLOQUEIO
Femoral Component Without Lock

REF.	LADO / Side	TAMANHO / Size
0346/01 /02	Direito / Right Esquerdo / Left	C C
0347/01 /02	Direito / Right Esquerdo / Left	D D
0348/01 /02	Direito / Right Esquerdo / Left	E E
0365/01 /02	Direito / Right Esquerdo / Left	F F
0369/01 /02	Direito / Right Esquerdo / Left	G G

COMPONENTE FEMORAL COM BLOQUEIO
Femoral Component With Lock

REF.	LADO / Side	TAMANHO / Size
0350/01 /02	Direito / Right Esquerdo / Left	C C
0351/01 /02	Direito / Right Esquerdo / Left	D D
0352/01 /02	Direito / Right Esquerdo / Left	E E
0366/01 /02	Direito / Right Esquerdo / Left	F F
0372/01 /02	Direito / Right Esquerdo / Left	G G

COMPONENTE TIBIAL
Tibial Component

REF.	TAMANHO/Size
0353/01 /02 /03 /04 /05 /06	2 3 4 5 6 7

PATELA
Patella

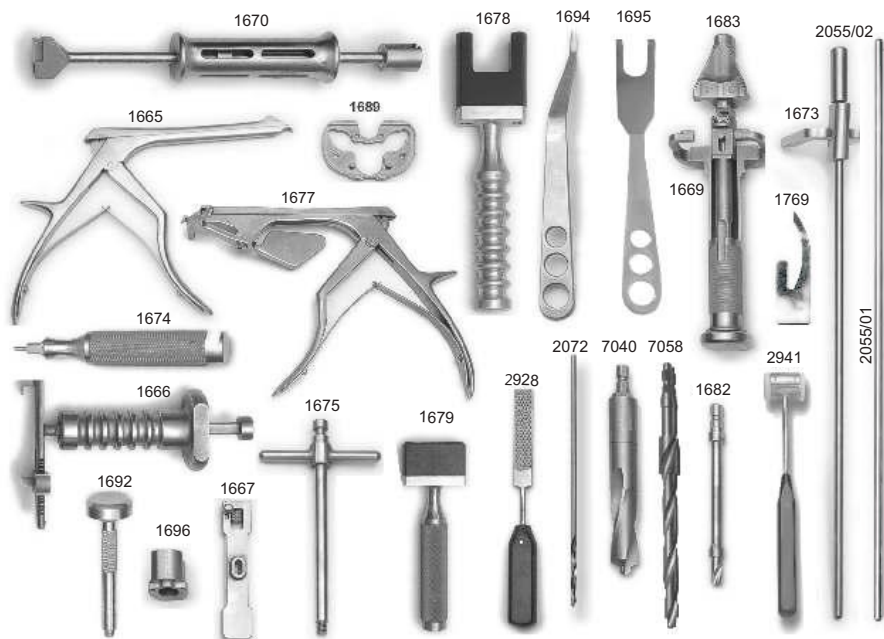
REF.	Ø mm
0364/01 /02 /03 /04 /05	29 32 35 38 41

PLATÔ TIBIAL SEM BLOQUEIO
Tibial Plato Without Lock

3/4 REF.	5/6 REF.	7/8 REF.	mm
0355/02 /03 /04 /05	0356/02 /03 /04 /05	0374/02 /03 /04 /05	10 12 14 17 20 23

PLATÔ TIBIAL COM BLOQUEIO
Tibial Plato With Lock

3/4 REF.	5/6 REF.	7/8 REF.	mm
0359/02 /03 /04 /05 /06* /07*	0362/02 /03 /04 /05 /06* /07*	0375/02 /03 /04 /05 /06* /07*	10 12 14 17 20 23



1665	PINÇA DE INSERÇÃO PLATO TIBIAL <i>Tibial plateau placement forceps</i>
1666	EXTRATOR FEMORAL <i>Femoral extractor</i>
1667	CORPO DA PINÇA <i>Tibial plate forceps</i>
1669	CORPO DO IMPACTOR <i>Tibial impactor</i>
1670	EXTRATOR INTRAMEDULAR <i>Intramedular extractor</i>
1673	GUIA DE ALINHAMENTO EXTRAMEDULAR <i>Extramedular alignment guide</i>
1674	CABO UNIVERSAL <i>Universal Handle</i>
1675	CORPO DO EXTRATOR <i>Tibial extractor</i>
1677	PINÇA DE INSERÇÃO DO PLATÔ TIBIAL <i>Tibial plateau insertion forceps</i>
1678	IMPACTOR TIBIAL <i>Tibial impactor</i>
1679	IMPACTOR FEMORAL <i>Femoral Impactor</i>
1682	BROCA FEMORAL <i>Femoral Drill</i>
1692	IMPACTOR TIBIAL <i>Tibial impactor</i>
1694	AFASTADOR TIBIAL <i>Tibial retractor</i>

1695	AFASTADOR DE TENDÃO PATELAR <i>Tibial retractor</i>
1696	GUIA DE BROCA TIBIAL <i>Tibial drill guide</i>
1769	GUIA ORIENTADOR DO CORTE <i>Cutting orienting guide</i>
2055/01	GUIA ALINHADOR FEMORAL <i>Femoral alignment guide</i>
2055/02	GUIA ALINHADOR FEMORAL PROLONGADOR <i>Femoral alignment guide extension</i>
2072	BROCA Ø 3,2 X 150,0 mm <i>Drill</i>
2928	RASPADOR <i>Bone Rasp</i>
2941	MARTELO DE POLIETILENO <i>Polyethylene Mallet</i>
7040	BROCA TIBIAL Ø 16,7 mm <i>Tibial drill</i>
7058	FRESA Ø 8 MM <i>Reamer</i>

GUIA DE CORTE PARA FRESA TIBIAL
Tibial plateau gauge with blocking

REF.	TAMANHO/Size
1689/01	3
/02	4
/03	5
/05	6
/06	7

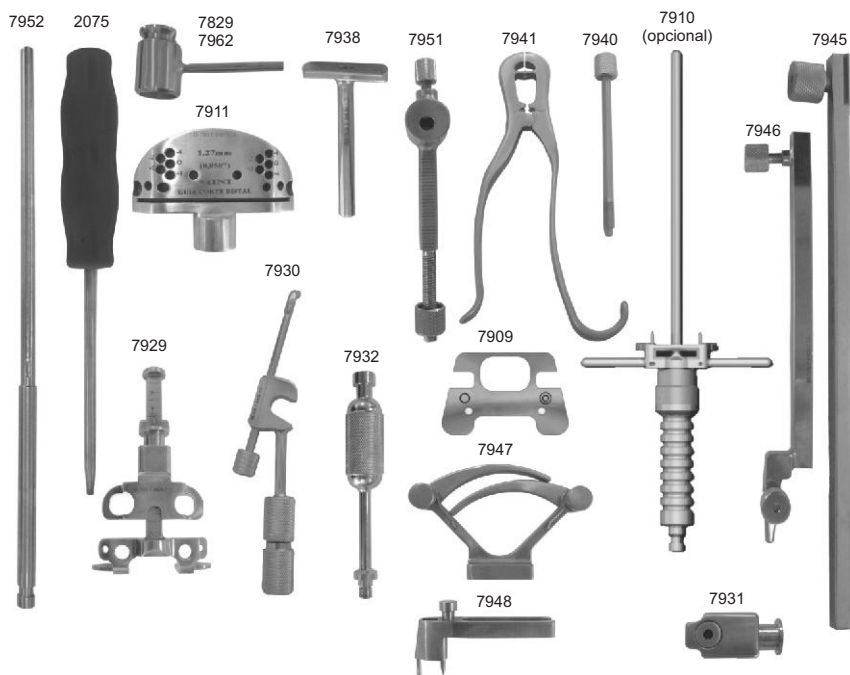
FRESA TIBIAL
Tibial reamer

REF.	TAMANHO/Size
1683/02	3/4
/03	5/6
/04	7/8

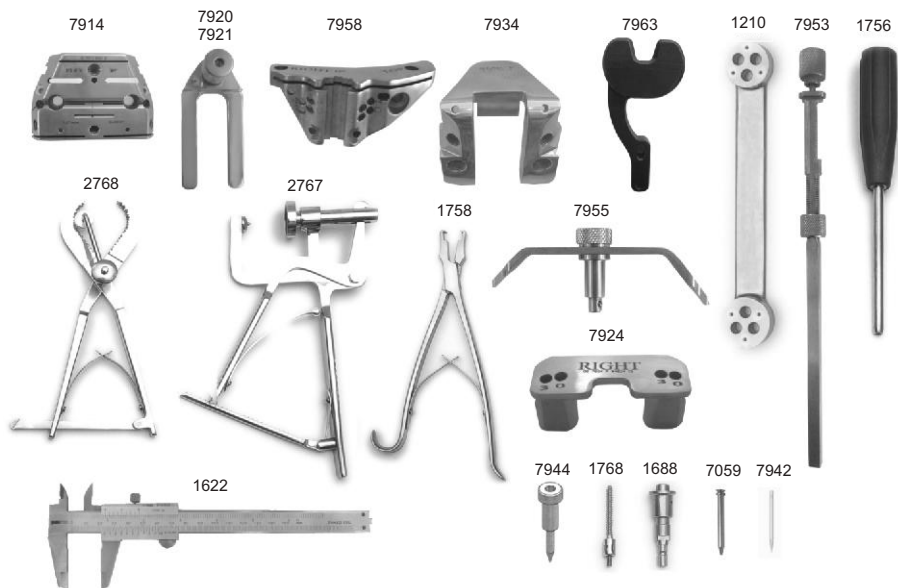


ORTOSINTESE

INSTRUMENTAL DE JOELHO NKS PLUS | NKS PLUS AVANÇADO NKS Plus and Advanced NKS Plus Knee Instruments



2075	CHAVE SEXTAVADA 3,5 mm <i>Hexagonal Wrench</i>	7940	PINO POSICIONADOR DISTAL DE TÍBIA <i>Positioner Pin for Distal Tibia</i>
7829	GUIA PARA CORTE TIBIAL CONJUGADO 7° <i>7° Tibial Cutting Guide</i>	7941	PINÇA EXTRATORA DE PREGOS <i>Pincers</i>
7909	CALÇO MINI GUIA DE ALINHAMENTO AJUSTÁVEL <i>Wedge for Mini Adjustable Alignment Guide</i>	7945	HASTE DO GUIA TElescóPIO EXTERNO P/CORTE TIBIAL <i>Cutting Guide Telescoping Rod</i>
7910/01	MINI GUIA DE ALINHAMENTO AJUSTÁVEL (opcional) <i>Mini Adjustable Alignment Guide</i>	7946	GUIA TElescóPIO <i>Distal Telescoping Rod</i>
7911	MINI GUIA DE CORTE DISTAL <i>Mini Guide for Distal Cutting</i>	7947	PINÇA DO TORNOZELO <i>Ankle Clamp</i>
7929	MINI GUIA MEDIDOR FEMORAL <i>Mini Guide for Femoral Cutting</i>	7948	GUIA DESLIZANTE <i>Sliding Guide</i>
7930	APALPADOR DO GUIA <i>Telescoping Locking Boom</i>	7951	HASTE DO GUIA DE CORTE INTRAMEDULAR P/ CORTE TIBIAL 0° <i>IM Alignment Cutting Guide</i>
7931	SUPORTE PARA APALPADOR DO GUIA <i>Yoke for telescoping Locking Boom</i>	7952	HASTE GUIA INTRAMEDULAR TIBIAL <i>IM Alignment Cutting Guide Rod</i>
7932	POSICIONADOR DE GUIA <i>Guide Positioner</i>	7962	GUIA PARA CORTE TIBIAL CONJUGADO 3° <i>3° Tibial Cutting Guide</i>
7938	HASTE DA PINÇA DO TORNOZELO <i>Dovetail</i>		



1622	MEDIDOR PAQUÍMETRO <i>Calliper</i>
1756	CHAVE COM SEXTAVADO INTERNO <i>Wrench with internal hexhead</i>
1758	PINÇA PARA EXTRAÇÃO DO PREGO <i>Nail extraction forceps</i>
1768	PERFURADOR FIXADOR ROSQUEADO <i>Threaded fixator pin</i>
1688	EXTRATOR <i>Extractor</i>
2767	PINÇA PATELAR <i>Patellar forceps</i>
2768	PINÇA PATELAR <i>Patellar forceps</i>

GUIA DE FURAÇÃO ANGULAR
External Rotation Plate

REF.	LADO / Side
7924//01	Direito 0° e 3° / Right 0° and 3°
/02	Esquerdo 0° e 3° / Left 0° and 3°
/03	Esquerdo 5° e 7° / Left 5° and 7°
/04	Direito 5° e 7° / Right 5° and 7°

GUIA DE CORTE DE INTERCONDILLO
Intercondyle Notch Guide

REF.	TAMANHO/Size
7934//01	C
/02	D
/03	E
/04	F
/05	G

GUIA DE ACABAMENTO FEMORAL
Femoral Finishing Guide

REF.	
7914//01	4 em 1 C/ 4 in 1 C
/02	4 em 1 D/ 4 in 1 D
/03	4 em 1 E/ 4 in 1 E
/04	4 em 1 F/ 4 in 1 F
/05	4 em 1 G/ 4 in 1 G

7920	GUIA DE POSICIONAMENTO DISTAL 3° <i>Distal Placement Guide</i>
7921	GUIA DE POSICIONAMENTO DISTAL 0° <i>Distal Placement Guide</i>
7955	MEDIDOR DE CORTE TIBIAL <i>Distal Depth Resection Stylus</i>
7944	PINO FIXADOR DE GUIA DE CORTE DE INTERCÔNDILO <i>Notch Guide Positioning Pin</i>
7953	HASTE DO GUIA TElescóPIO INTRAMEDULAR P/ CORTE TIBIAL <i>Spike Arm Telescoping Rod</i>

GUIA DE FURAÇÃO PATELAR
Patellar perforation guide

REF.	mm
1210//01	29/38
/02	32/35

PERFURADOR FIXADOR
Fixation Pin

REF.	mm
7059//01	38
/03	56

PERFURADOR
Headless Holding Pin

REF.	Ø mm
7942//01	3,2 x 48 mm
/02	3,2 x 75 mm

MEDIDOR
Gauge

REF.	mm
7963//01	10
/02	12
/03	14
/04	17

GUIA DE CORTE TIBIAL
Tibial Cutting Guide

REF.	LADO/Side
7958//01	Direito 0° / Right 0°
/02	Esquerdo 0° / Left 0°
/03	Direito 7° / Right 7°
/04	Esquerdo 7° / Left 7°



ORTOSINTESE

INSTRUMENTAL DE JOELHO NKS PLUS | NKS PLUS AVANÇADO

NKS Plus and Advanced NKS Plus Knee Instruments



MEDIDOR FEMORAL COM BLOQUEIO

Posterior Stabilized Femoral Trial

REF.	LADO / Side	TAMANHO / Size
7031/01	DIREITO / Right	C
/02	ESQUERDO / Left	C
7032/01	DIREITO / Right	D
/02	ESQUERDO / Left	D
7033/01	DIREITO / Right	E
/02	ESQUERDO / Left	E
7055/01	DIREITO / Right	F
/02	ESQUERDO / Left	F
7067/01	DIREITO / Right	G
/02	ESQUERDO / Left	G

MEDIDOR PLATÔ TIBIAL COM BLOQUEIO

Tibial Plateau Gauge With Post

3/4 REF.	5/6 REF.	7/8 REF.	mm
7037/02	7038/02	7085/02	10
/03	/03	/03	12
/04	/04	/04	14
/05	/05	/05	17
/06*	/06*	/06*	20
/07*	/07*	/07*	23

*sob. consulta

MEDIDOR COMPONENTE TIBIAL

Tibial Component Trial

REF.	TAMANHO/Size
7034/01	3
/02	4
/03	5
/05	6
/06	7

MEDIDOR DE PROVA PATELAR

Patella Trial Gauge

REF.	mm
7039/01	29
/02	32
/03	35
/04	38

PRÓTESE DE QUADRIL SEM CIMENTO UNION Cementless Hip Prosthesis Union



1088
1090
1091

Titânio
Titanium
Ti 6Al 4V ELI
ISO 5832-3
ASTM F.136

Cr Co Mo
ASTM F 75 ou
ASTM F1537

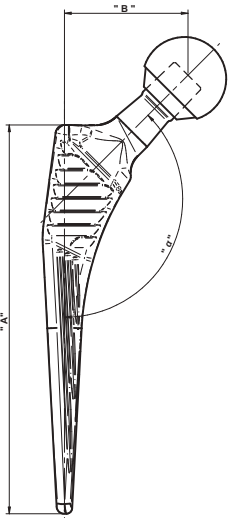


1001

CABEÇA INTERCAMBIÁVEL Interchangeable Head

mm	Cone 12/14	COMPR.COLO	Neck Length
22	1091/05	CURTO	Short
22	/06	MÉDIO	Medium
22	/07	LONGO	Long
22	/08	EXTRA LONGO	Extra Long
28	1088/05	CURTO	Short
28	/06	MÉDIO	Medium
28	/07	LONGO	Long
28	/08	EXTRA LONGO	Extra Long
32	1090/05	CURTO	Short
32	/06	MÉDIO	Medium
32	/07	LONGO	Long
32	/08	EXTRA LONGO	Extra Long

TABELA OFFSET PRÓTESE UNION			
TAMANHO (SIZE)	"A"	"B"	"α"
9	130	41,3	135°
10	140	42,3	135°
11	145	42,8	135°
12	150	43,8	135°
13	155	44,3	135°
14	160	44,8	135°
15	165	45,8	135°
16	170	46,3	135°
18	180	47,3	135°



HASTE FEMORAL UNION Union Femoral Stem

REF.	TAMANHO
Cone 12/14	
1001 /10	9
/11	10
/12	11
/13	12
/14	13
/15	14
/16	15
/17	16
/18	18

PRÓTESE DE QUADRIL CIMENTADA UNION Cemented Hip Prosthesis Union



Titânio

Titanium

Ti 6Al 4V ELI
ISO 5832-3
ASTM F.136

1088
1090
1091



Cr Co Mo

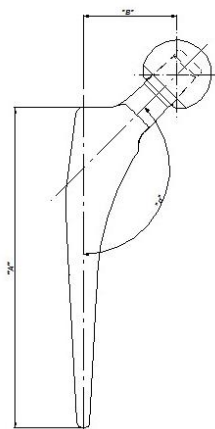
ASTM F 75 ou
ASTM F1537

CABEÇA INTERCAMBIÁVEL Interchangeable Head

mm	Cone 12/14	COMPR.COLO	Neck Length
22	1091/05	CURTO	Short
22	/06	MÉDIO	Medium
22	/07	LONGO	Long
22	/08	EXTRA LONGO	Extra Long
28	1088/05	CURTO	Short
28	/06	MÉDIO	Medium
28	/07	LONGO	Long
28	/08	EXTRA LONGO	Extra Long
32	1090/05	CURTO	Short
32	/06	MÉDIO	Medium
32	/07	LONGO	Long
32	/08	EXTRA LONGO	Extra Long

1171

TABELA OFFSET PRÓTESE UNION			
TAMANHO (SIZE)	" A "	" B "	" α "
9	130	41,3	135°
10	140	42,3	135°
11	145	42,8	135°
12	150	43,8	135°
13	155	44,3	135°
14	160	44,8	135°
15	165	45,8	135°
16	170	46,3	135°
18	180	47,3	135°



HASTE FEMORAL UNION Union Femoral Stem

REF. TAMANHO

Cone 12/14

1171 /01	9
/02	10
/03	11
/04	12
/05	13
/06	14
/07	15
/08	16
/09	18

PRÓTESE DE QUADRIL COM HIDROXIAPATITA (HA) UNION

Hip Prosthesis With Hidroxiapatita (HA) Union

Titânio

Titanium

Ti 6Al 4V ELI
ISO 5832-3
ASTM F.136

1088
1090
1091



Cr Co Mo

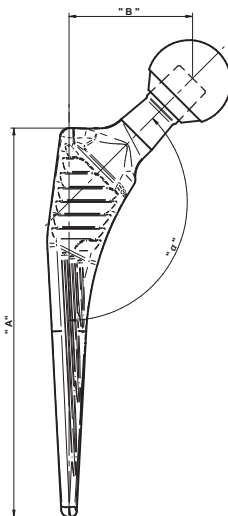
ASTM F 75 ou
ASTM F1537

CABEÇA INTERCAMBIÁVEL

Interchangeable Head

mm	Cone 12/14	COMPR.COLO	Neck Length
22	1091/05	CURTO	Short
22	/06	MÉDIO	Medium
22	/07	LONGO	Long
22	/08	EXTRA LONGO	Extra Long
28	1088/05	CURTO	Short
28	/06	MÉDIO	Medium
28	/07	LONGO	Long
28	/08	EXTRA LONGO	Extra Long
32	1090/05	CURTO	Short
32	/06	MÉDIO	Medium
32	/07	LONGO	Long
32	/08	EXTRA LONGO	Extra Long

TABELA OFF-SET PRÓTESE UNION			
TAMANHO (SIZE)	"A"	"B"	"α"
9	130	41,3	135°
10	140	42,3	135°
11	145	42,8	135°
12	150	43,8	135°
13	155	44,3	135°
14	160	44,8	135°
15	165	45,8	135°
16	170	46,3	135°
18	180	47,3	135°



HASTE FEMORAL UNION

Union Femoral Stem

REF. TAMANHO

Cone 12/14

1003 /10	9
/11	10
/12	11
/13	12
/14	13
/15	14
/16	15
/17	16
/18	18



ORTOSINTESE

INSTRUMENTAL PARA PRÓTESE DE QUADRIL SEM CIMENTO UNION *Instruments Hip Prosthesis Instruments Union*



FRESA FEMORAL UNION *Femoral Broach*

REF.	Ø mm
7080/01	9
/02	10
/03	11
/04	12
/05	13
/06	14
/07	15
/08	16
/09	18

MEDIDOR Ø 28MM *Trial Head*

REF.	TAMANHO / Size
2173/01	C
/02	M
/03	L
/04	XL

MEDIDOR Ø 32MM *Trial Head*

REF.	TAMANHO / Size
2173/05	C
/06	M
/07	L

MEDIDOR Ø 22MM *Trial Head*

REF.	TAMANHO / Size
2176/01	C
/02	M
/03	L
/04	XL

MEDIDOR Ø 36MM *Trial Head*

REF.	TAMANHO / Size
2173/09	C
/10	M
/11	L
/12	XL

FRESA INTRAMEDULAR *Intramedular Reamer*

REF.	Ø mm
7077/01	9
7077/02	10
7077/03	11

2010 IMPACTOR DE CABEÇA MULLER
Head Impactor

2360/02 MARTELO DE AÇO INOXIDÁVEL 500g
Stainless Steel Hammer 500g

2845/01 CABO EM "T" COM ENGATE RÁPIDO
"T" Cable With Quick Coupling

7078 OSTEÓTOMO
Osteotome

7079 IMPACTOR DA HASTE
Stem Impactor

7081 POSICIONADOR HASTE UNION
Union Positioner

7082 IMPACTOR ÓSSEO
Bone Impactor

7088/01 FRESA PARA CALCAR PEQUENA
Calcar Mill Small

7088/02 FRESA PARA CALCAR GRANDE
Calcar Mill Large

7089 GUIA DE RESSECÇÃO DE COLO
Neck Resection Guide

7090 IMPACTOR DE ENXERTO
Graft Impactor

7091 COLO DE PROVA UNION
Neck Trial

7092 CABO DE RASPA UNION
Broach Handle

PRÓTESE ACETABULAR MULTI-LOCK

Multi-Lock Acetabular Prosthesis



ORTOSINTESE

1002 1154 1157
1033 1155 1158
1034 1156 1159



Titânio
Titanium
ISO 5832-2
ASTM F. 67

Com Rebordo

Polietileno
Polyethylene
ISO 5834-2
ASTM F.648

3330



Titânio
Titanium
Ti 6Al 4V ELI
ISO 5832-3
ASTM F. 136

PARAFUSO TITÂNIO Ø 6,5 mm
Titanium Screw

REF.	COMPR mm Length
3330/15	15
/20	20
/25	25
/30	30
/35	35
/40	40
/45	45
/50	50
/55	55
/60	60

PRÓTESE ACETABULAR MULTI-LOCK COM REBORDO

Multi-Lock Acetabular Prosthesis With Edge

Tamanho	Materia Prima	POLIETILENO ISO 5834-2	CROSS LINKED	CROSS LINKED VIT E
Cabeça Head	Ø mm	REF.		
Ø22	Ø 44	1002/44	1154/44	1157/44
	Ø 46	1002/46	1154/46	1157/46
Ø28	Ø 48	1002/48	1154/48	1157/48
	Ø 50	1002/50	1154/50	1157/50
	Ø 52	1002/52	1154/52	1157/52
	Ø 54	1002/54	1154/54	1157/54
	Ø 56	1002/56	1154/56	1157/56
	Ø 58	1002/58	1154/58	1157/58
	Ø 60	1002/60	1154/60	1157/60
	Ø 62	1002/62	1154/62	1157/62
	Ø 64	1002/64	1154/64	1157/64
	Ø 66	1002/66	1154/66	1157/66
	Ø 68	1002/68	1154/68	1157/68
	Ø 70	1002/70	1154/70	1157/70
	Ø 72	1002/72	1154/72	1157/72
Ø32	Ø 52	1033/52	1155/52	1158/52
	Ø 54	1033/54	1155/54	1158/54
	Ø 56	1033/56	1155/56	1158/56
	Ø 58	1033/58	1155/58	1158/58
	Ø 60	1033/60	1155/60	1158/60
	Ø 62	1033/62	1155/62	1158/62
	Ø 64	1033/64	1155/64	1158/64
	Ø 66	1033/66	1155/66	1158/66
	Ø 68	1033/68	1155/68	1158/68
	Ø 70	1033/70	1155/70	1158/70
	Ø 72	1033/72	1155/72	1158/72
Ø36	Ø 52	1034/52	1156/52	1159/52
	Ø 54	1034/54	1156/54	1159/54
	Ø 56	1034/56	1156/56	1159/56
	Ø 58	1034/58	1156/58	1159/58
	Ø 60	1034/60	1156/60	1159/60
	Ø 62	1034/62	1156/62	1159/62
	Ø 64	1034/64	1156/64	1159/64
	Ø 66	1034/66	1156/66	1159/66
	Ø 68	1034/68	1156/68	1159/68
	Ø 70	1034/70	1156/70	1159/70
	Ø 72	1034/72	1156/72	1159/72

PRÓTESE ACETABULAR MULTI-LOCK Multi-Lock Acetabular Prosthesis



ORTOSINTESE

1165 1166 1167
1168 1169 1179
1184 1177 1178

Titânio
Titanium
ISO 5832-2
ASTM F. 67



Poliétileno
Polyethylene
ISO 5834-2
ASTM F.648

Sem Rebordo

3330



Titânio
Titanium
Ti 6Al 4V ELI
ISO 5832-3
ASTM F. 136

PARAFUSO TITÂNIO Ø 6,5 mm
Titanium Screw

REF.	COMPR mm Length
3330/15	15
/20	20
/25	25
/30	30
/35	35
/40	40
/45	45
/50	50
/55	55
/60	60

PRÓTESE ACETABULAR MULTI-LOCK SEM REBORDO Multi-Lock Acetabular Prosthesis Without Edge

Tamanho	Materia Prima	POLIETILENO ISO 5834-2	CROSS LINKED	CROSS LINKED VIT E
Cabeça Head	Ø mm	REF.		
Ø22	Ø 44	1165/44	1168/44	1184/44
	Ø 46	1165/46	1168/46	1184/46
Ø28	Ø 48	1165/48	1168/48	1184/48
	Ø 50	1165/50	1168/50	1184/50
	Ø 52	1165/52	1168/52	1184/52
	Ø 54	1165/54	1168/54	1184/54
	Ø 56	1165/56	1168/56	1184/56
	Ø 58	1165/58	1168/58	1184/58
	Ø 60	1165/60	1168/60	1184/60
	Ø 62	1165/62	1168/62	1184/62
	Ø 64	1165/64	1168/64	1184/64
	Ø 66	1165/66	1168/66	1184/66
	Ø 68	1165/68	1168/68	1184/68
	Ø 70	1165/70	1168/70	1184/70
Ø32	Ø 72	1165/72	1168/72	1184/72
	Ø 52	1166/52	1169/52	1177/52
	Ø 54	1166/54	1169/54	1177/54
	Ø 56	1166/56	1169/56	1177/56
	Ø 58	1166/58	1169/58	1177/58
	Ø 60	1166/60	1169/60	1177/60
	Ø 62	1166/62	1169/62	1177/62
	Ø 64	1166/64	1169/64	1177/64
	Ø 66	1166/66	1169/66	1177/66
	Ø 68	1166/68	1169/68	1177/68
	Ø 70	1166/70	1169/70	1177/70
	Ø 72	1166/72	1169/72	1177/72
Ø36	Ø 52	1167/52	1179/52	1178/52
	Ø 54	1167/54	1179/54	1178/54
	Ø 56	1167/56	1179/56	1178/56
	Ø 58	1167/58	1179/58	1178/58
	Ø 60	1167/60	1179/60	1178/60
	Ø 62	1167/62	1179/62	1178/62
	Ø 64	1167/64	1179/64	1178/64
	Ø 66	1167/66	1179/66	1178/66
	Ø 68	1167/68	1179/68	1178/68
	Ø 70	1167/70	1179/70	1178/70
	Ø 72	1167/72	1179/72	1178/72



PRÓTESE ACETABULAR APARAFUSADA COM PLASMA SPRAY COM REBORDO
Acetabular Prosthesis Screwed With Plasma Spray With Flange

REF.	EXT. Ø mm	CAB Ø mm
	Ext.	Head
1009/40	40	22
/42	42	22
/44	44	22
/46	46	28
/48	48	28
/50	50	28
/52	52	28
/54	54	28
/56	56	28
/58	58	28
/60	60	28
/62	62	28
/64	64	28

1100
1101
1102



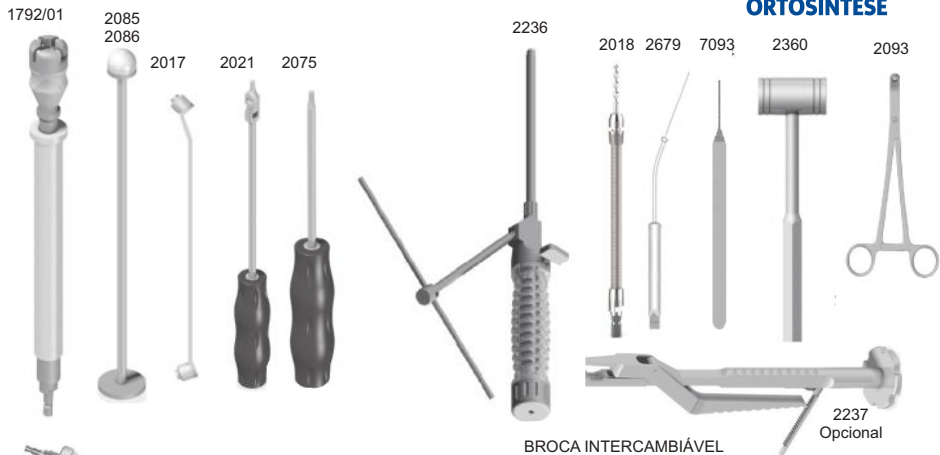
Cerâmica

CABEÇA INTERCAMBIÁVEL CERÂMICA DELTA
Delta Ceramic Interchangeable Head

mm	CONE 12/14	COMPR.COLO	Neck Length
28	1100/01	CURTO	Short
28	1100/02	MÉDIO	Medium
28	1100/03	LONGO	Long
32	1101/01	CURTO	Short
32	1101/02	MÉDIO	Medium
32	1101/03	LONGO	Long
32	1101/04	EXTRA LONGO	Extra Long
36	1102/01	CURTO	Short
36	1102/02	MÉDIO	Medium
36	1102/03	LONGO	Long
36	1102/04	EXTRA LONGO	Extra Long



ORTOSINTESE



BROCA INTERCAMBIÁVEL
Interchangeable Drill

REF.	HASTE FLEXÍVEL PARA BROCA INTERCAMBIÁVEL
2018/01	
/02	BROCA 3,2 x 30
/03	BROCA 3,2 x 35
/04	BROCA 3,2 x 40
/05	BROCA 3,2 x 45
/06	BROCA 3,2 x 50
/07	BROCA 3,2 x 55
/08	BROCA 3,2 x 60

PROVA ACETABULAR
Acetabular Trial

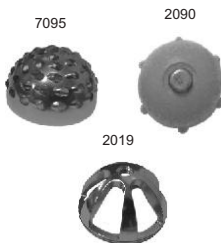
	Ø22 MM	Ø32 MM
2090/01	44	52
/02	46	/17 54
Ø28 MM		/18 56
2090/03	48	/19 58
/04	50	/20 60
/05	52	/21 62
/06	54	
/07	56	
/08	58	
/09	60	
/10	62	

GUIA MEDIDOR ACETABULAR
Guide Gauge Acetabular

REF.	Ø MM
2019/01	44
/02	46
/03	48
/04	50
/05	52
/06	54
/07	56
/08	58
/09	60
/10	62

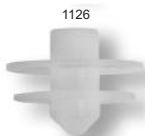
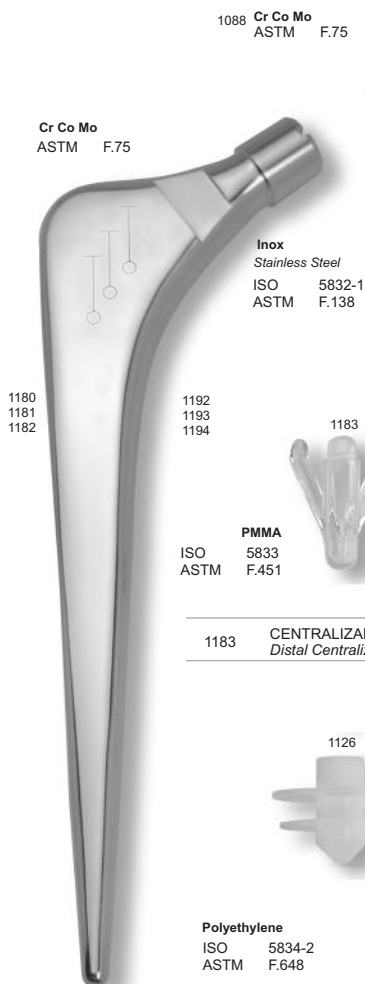
FRESA ACETABULAR
Acetabular Reamer

REF.	Ø mm
7095/01	38
/02	39
/03	40
/04	41
/05	42
/06	43



1792/01	GUIA DA FRESA Reamer Guide	2086	IMPACTOR DE INSERTO 28 mm Insert Impactor	1792/01	38
1792/02	POSICIONADOR DE FRESA ACETABULAR (OPCIONAL) Acetabular Reamer Guide	2093	PINÇA PORTA PARAFUSO Screw Forceps	/02	39
2017	GUIA DE BROCA Drill Guide	2236	GUIA ACETABULAR Acetabular Guide	/03	40
2018	BROCA FLEXÍVEL Ø 3,2mm Flexible Drill Ø3,2mm	2237	EXTRATOR ACETABULAR Acetabular Extractor	/04	41
2021	CHAVE COM JUNTA UNIVERSAL Joint Universal Screwdriver	2360	MARTELO DE AÇO INOXIDÁVEL 500g Stainless Steel Mallets 500g	/05	42
2075	CHAVE SEXTAVADA Ø3,5 mm Hexagonal Screwdriver	2679	MEDIDOR DE PROFUNDIDADE FLEXÍVEL Flexible Depth Gauge	/06	43
2085	IMPACTOR DE INSERTO 22 mm Insert Impactor	7093	MEDIDOR DE PROFUNDIDADE Depth Gauge	/07	44
				/08	45
				/09	46
				/10	47
				/11	48
				/12	49
				/13	50
				/14	51
				/15	52
				/16	53
				/17	54
				/18	55
				/19	56
				/20	57
				/21	58
				/22	59
				/23	60
				/24	61
				/25	62

7095/01 a /06 são opcionais



CABEÇA INTERCAMBIÁVEL AÇO INOXIDÁVEL
Interchangeable Head - Stainless Steel

REF.	Ømm	COMPR	Length
1082/01	28	CURTO	Short
/02	28	NORMAL	Medium
/03	28	LONGO	Long
/04	28	EXTRA LONGO	Extra long

CABEÇA INTERCAMBIÁVEL CROMO COBALTO
Interchangeable Head - Chrome Cobalt

Cone STD	Ømm	COMPR.	Length
1088/01	28	CURTO	Short
/02	28	NORMAL	Medium
/03	28	LONGO	Long
/04	28	EXTRA LONGO	Extra Long

1183 CENTRALIZADOR DISTAL
Distal Centralizer

BLOQUEADOR DE CIMENTO
Bone Plug

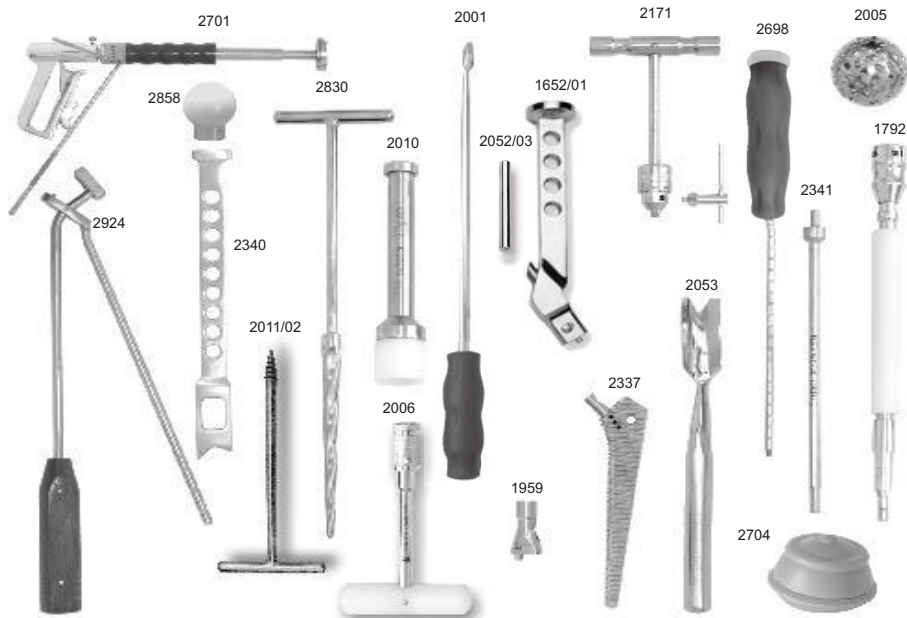
REF.	TAMANHO/	Size	A	B	C
			Ømm	Ø mm	Ømm
1126/01	PEQUENO	Small	14	17	9
/02	MÉDIO	Medium	18	21	9
/03	GRANDE	Large	22	25	9

PRÓTESE TOTAL DE QUADRIL MAGNUS Cromo Cobalto
Magnus Total Hip Prosthesis- Cobalt Chrome

REF.	BASE OFFSET mm	N°	NECK ANGLE
1180	35,5	0	130 degrees
1181/01	37,5	1	130 degrees
/02	37,5	2	130 degrees
/03	37,5	3	130 degrees
1182/01	44	1	130 degrees
/02	44	2	130 degrees
/03	44	3	130 degrees
/04	44	4	130 degrees

PRÓTESE TOTAL DE QUADRIL MAGNUS - Inox
Magnus Total Hip Prosthesis - Stainless Steel

REF.	BASE OFFSET mm	N°	NECK ANGLE
1192	35,5	0	130 degrees
1193/01	37,5	1	130 degrees
/02	37,5	2	130 degrees
/03	37,5	3	130 degrees
1194/01	44	1	130 degrees
/02	44	2	130 degrees
/03	44	3	130 degrees
/04	44	4	130 degrees



1652/01	CABO DA RASPA <i>Reamer Guide</i>
1792	GUIA DA FRESA ACETABULAR <i>Acetabular Reamer Guide</i>
2001	CURETA 13x24 mm <i>Medium Curette</i>
2006/01	CHAVE EM T <i>T Handle</i>
2010	IMPACTOR DE MULLER <i>Muller Impactor</i>
2011/02	EXTRATOR LONGO DE CABEÇA DE FÊMUR <i>Femoral Head Extrator</i>
2052/03	PINO DE EXTRAÇÃO <i>Extraction Pin</i>
2053	FACA PARA LIGAMENTO <i>Ligament Knife</i>
2171	CHAVE EM T P/ INSERÇÃO E REMOÇÃO DE FIOS <i>T Wrench For Wire Insert and Removal</i>
2340	FRESA INICIAL FEMORAL <i>Femoral Initial Reamer</i>
2698	IMPACTOR DO BLOQUEAR DE CIMENTO <i>Bone Plug Impactor</i>
2701	GUIA ACETABULAR DA PRÓTESE <i>Acetabular Prosthesis Guide</i>
2924	GUIA POSICIONADOR DA PRÓTESE FEMORAL <i>Femoral Prosthesis Positioner Guide</i>

FRESA ACETABULAR <i>Acetabular Reamer</i>		
REF.	TAMANHO /	Size
2005/16	44	
/17	46	
/18	48	
/19	50	
/20	52	
/21	54	
/22	56	
/23	58	
/24	60	
/25	62	

MEDIDOR ACETABULAR <i>Acetabular Depth Gauge</i>		
REF.	Ø mm	
2704/01	44	
/02	46	
/03	48	
/04	50	
/05	52	
/06	54	
/07	56	
/08	58	
/09	60	
/10	62	

FRESA COM STOP <i>Reamer With Stop</i>		
REF.	Ø mm	
2341/01	4,9 x 10	
/02	7,9 x 15	

FRESA FEMORAL LONGA CÔNICA <i>Conical Femoral Reamer</i>		
REF.	Ø mm	
2830/01	12	
/02	16	

FRESA FEMORAL MAGNUS <i>Magnus Femoral Broach</i>			
REF.	TAMANHO	Size	Nº
2337/01	35,5		0
/02	37,5		1
/03	37,5		2
/04	37,5		3
/05	44,0		1
/06	44,0		2
/07	44,0		3
/08	44,0		4

MEDIDOR DE CABEÇA <i>Trial Head</i>		
REF.	Ø mm	
2858/01	28 Curto	
/02	28 Médio	
/03	28 Longo	
/05	32 Curto	
/06	32 Médio	
/07	32 Longo	

COLO DE PROVA <i>Trial Neck</i>		
REF.	TAMANHO Size	
1959/01	35,5	
/02	37,5	
/03	44	

**PRÓTESE ACETABULAR**
Acetabular Prosthesis

REF.	Ø mm
1128/01	44
/02	46
/03	48
/04	50
/05	52
/06	54
/07	56
/08	58
/09	60
/10	62

Polyethylene
ISO 5834-2
ASTM F.648

PMMA
ISO 5833
ASTM F.451

**CABEÇA INTERCAMBIÁVEL**
Interchangeable Head

REF.	Ømm	COMPR.	Length
1082/01	28	CURTO	Short
/02	28	NORMAL	Medium
/03	28	LONGO	Long
/04	28	EXTRA LONGO	Extra Long

Inox
Stainless Steel
ISO 5832-1
ASTM F.138

**CABEÇA INTERCAMBIÁVEL**
Interchangeable Head

Cone STD	Ømm	COMPR.	Length
1088/01	28	CURTO	Short
/02	28	NORMAL	Medium
/03	28	LONGO	Long
/04	28	EXTRA LONGO	Extra Long

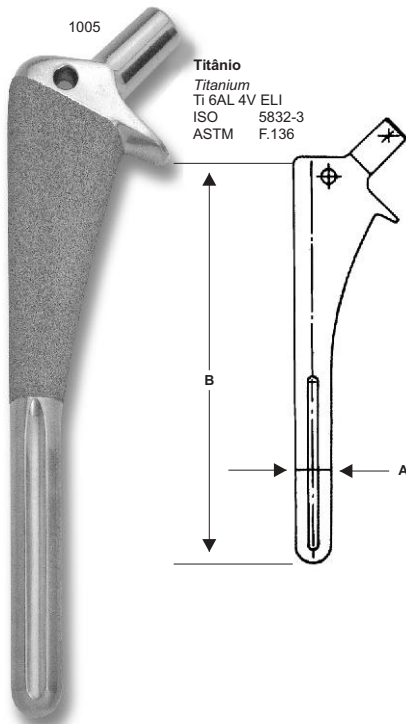
Cr Co Mo
ASTM F.75

PRÓTESE DE QUADRIL SEM CIMENTO

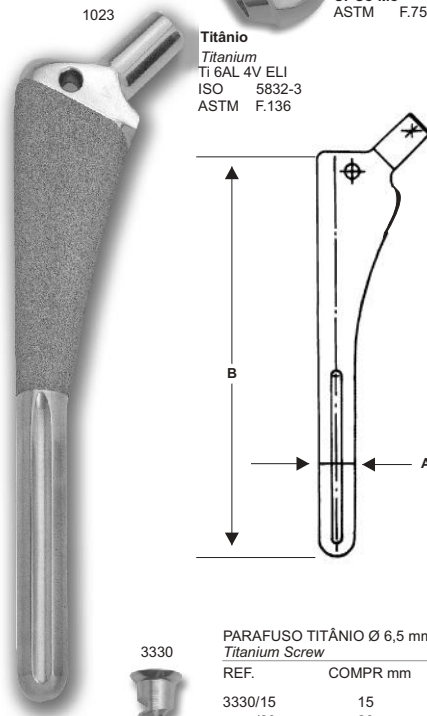
Cementless Hip Prosthesis Replacement



ORTOSINTESE



Titânio
Titanium
Ti 6AL 4V ELI
ISO 5832-3
ASTM F.136



Titânio
Titanium
Ti 6AL 4V ELI
ISO 5832-3
ASTM F.136

Cr Co Mo
ASTM F.75

1088
1091

COMPONENTE FEMORAL

Femoral Component

REF.	A Ø mm	B COMPR. mm
1005/10	10	130
/11	11	135
/12	12	140
/13	13	145
/14	14	150
/15	15	155
/16	16	160

PRÓTESE FEMORAL C/ PLASMA SPRAY

Femoral Prosthesis With Plasma Spray

REF.	A Ø mm	B COMPR. mm
1023/10	10	130
/11	11	135
/12	12	140
/13	13	145
/14	14	150
/15	15	155
/16	16	160

3330



PARAFUSO TITÂNIO Ø 6,5 mm

Titanium Screw

REF.	COMPR mm
3330/15	15
/20	20
/25	25
/30	30
/35	35
/40	40
/45	45
/50	50
/55	55
/60	60

CABEÇA INTERCAMBIÁVEL

Interchangeable Head

Cone STD	Ømm	COMPR.	Length
1091/01	22	NORMAL	Medium
/02	22	LONGO	Long
1088/01	28	CURTO	Short
/02	28	NORMAL	Medium
/03	28	LONGO	Long
/04	28	EXTRA LONGO	Extra Long



ORTOSINTESE

INSTRUMENTAL PARA PRÓTESE DE QUADRIL SEM CIMENTO

Cementless Hip Prosthesis Instruments



FRESA ACETABULAR

Acetabular Broach

REF.	Ø mm
2005/14	40
/15	42
/16	44
/17	46
/18	48
/19	50
/20	52
/21	54
/22	56
/23	58
/24	60
/25	62

FRESA INTRAMEDULAR

Intramedullary Broach

REF.	Ø mm
2082/01	10
/02	11
/03	12
/04	13
/05	14
/06	15
/07	16

FRESA FEMORAL

Femoral Broach

REF.	Ø mm
2014/01	10
/02	11
/03	12
/04	13
/05	14
/06	15
/07	16

GUIA DE CORTE

Cutting Guide

REF.	Ø mm
2022/01	10 a 13
/02	14 a 15
/03	16 a 17
1792	GUIA DA FRESA ACETABULAR Acetabular Reamer Guide
2004	IMPACTOR FINAL Final Impactor
2006/01	CHAVE EM "T" "T" Wrench
2015	CABO DA RASPA Shaving Handle
2016	GUIA ACETABULAR Acetabular Guide
2017	GUIA DE BROCA Drill Guide
2018	BROCA FLEXÍVEL Flexible Drill
2021	CHAVE CONJUNTA UNIVERSAL Universal Joint Driver
2052/03	PINO DE EXTRAÇÃO Extraction Pin

GUIA MEDIDOR ACETABULAR

Guide Gauge Acetabular

REF.	Ø mm	REF.	Ø mm
1779/01	44	1779/07	56
/02	46	/08	58
/03	48	/09	60
/04	50	/10	62
/05	52		
/06	54		

MEDIDOR DE COLO DE PROVA

Neck Trial

REF.	TAMANHO Size
2116/01	10 a 14
/02	15 a 18

MEDIDOR

Head Trial

REF.	Ø mm	CAB. NeckLength
2150/01	22	MÉDIO/ Medium
/02	22	LONGO/ Long

MEDIDOR

Head Trial

REF.	Ø mm	COMPR. CAB.
2151/01	28	CURTO Short
/02	28	MÉDIO Medium
/03	28	LONGO Long
/05	32	CURTO Short
/06	32	MÉDIO Medium
/07	32	LONGO Long

PRÓTESE DE QUADRIL TIPO MULLER
Hip Prosthesis MullerType



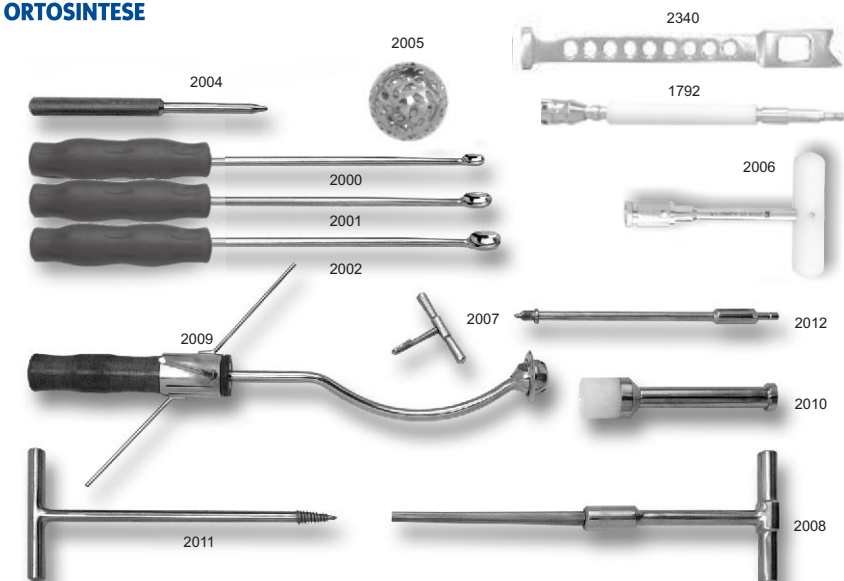
Inox
Stainless Steel
ISO 5832-1
ASTM F.138

PRÓTESE FEMORAL MODULAR
Modular Femoral Prosthesis

REF.	Tamanho/ Size
1080/01	7,5
/02	10,0
/03	12,5
/04	15,0
/05	17,5
/06	20,0

CABEÇA INTERCAMBIÁVEL
Interchangeable Head

REF.	Ø mm	COMPR. COLO mm	Neck Length
1083/01	22	NORMAL	Medium
/02	22	LONGO	Long
/03	22	EXTRA LONGO	Extra Long
1082/01	28	CURTO	Short
/02	28	NORMAL	Medium
/03	28	LONGO	Long
/04	28	EXTRA LONGO	Extra Long
1081/01	32	CURTO	Short
/02	32	NORMAL	Medium
/03	32	LONGO	Long



1792	GUIA DA FRESA ACETABULAR <i>Acetabular Reamer Guide</i>
2000	CURETA 9 X 19mm <i>Curette</i>
2001	CURETA 13 X 24mm <i>Curette</i>
2002	CURETA 16 X 27mm <i>Curette</i>
2004	IMPACTOR <i>Impactor</i>
2006	CHAVE "T" PARA FRESA <i>"T" Wrench For Reamer</i>
2007	CHAVE <i>Wrench</i>
2008/01	FRESA ROTATIVA Ø 9mm <i>Reamer</i>
2009	POSICIONADOR ACETABULAR <i>Acetabulum Positioner</i>
2010	IMPACTOR DE MULLER <i>Muller Impactor</i>
2011	EXTRATOR DE CABEÇA DE FÊMUR <i>Femoral Head Extractor</i>
2012	BROCA COM STOP Ø 9mm <i>Drill With Stop</i>
2052/03	PINO DE EXTRAÇÃO <i>Extraction Pin</i>
2340	FRESA INICIAL FEMORAL <i>Femoral Initial Reamer</i>

FRESA <i>Broach</i>		
REF.	TAMANHO/ Size	
2003/01	7,5	
/02	10,0	
/03	12,5	
/04	15,0	
/05	17,5	
/06	20,0	

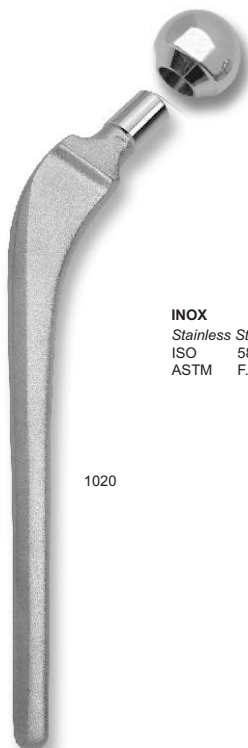
FRESA C/ CANAL DE CIMENTO <i>Broach</i>		
REF.	TAMANHO/ Size	
2003/07	7,5	
/08	10,0	
/09	12,5	
/10	15,0	
/11	17,5	
/12	20,0	
/13	5,0	
/14	6,0	
/15	4,0	
/16	6,5	

FRESA ACETABULAR <i>Acetabular Reamer</i>		
REF.	Ø mm	
2005/14	40	
/15	42	
/16	44	
/17	46	
/18	48	
/19	50	
/20	52	
/21	54	
/22	56	
/23	58	
/24	60	
/25	62	



MEDIDOR FEMORAL <i>Femoral Trial</i>		
REF.	Tamanho / Size	
2119/01	7,5	
/02	10,0	
/03	12,5	
/04	15,0	
/05	17,5	
/06	20,0	

MEDIDOR DE PROVA <i>Trial Gauge</i>			
REF.	Ø mm	COMPR. COLO	Neck Length
2114/01	22	MÉDIO	Medium
/02	22	LONGO	Long
2115/01	28	CURTO	Short
/02	28	MÉDIO	Medium
/03	28	LONGO	Long
2173/05	32	CURTO	Short
/06	32	MÉDIO	Medium
/07	32	LONGO	Long
/08	32	EXTRA LONGO	Extra Long



1081
1082
1083

INOX
 Stainless Steel
 ISO 5832-1
 ASTM F.138

1020

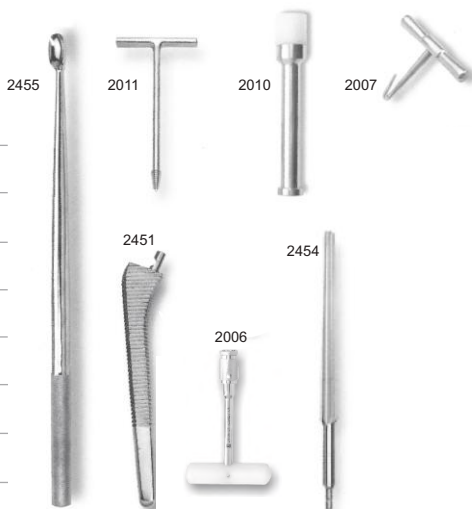
PRÓTESE DE REVISÃO SIGMA
Sigma Hip Revision Prosthesis

REF.	Comprimento da Haste mm Stem Length
1020/01	180
/02	210
/03	250
/04	280

CABEÇA INTERCAMBIÁVEL
Interchangeable Head

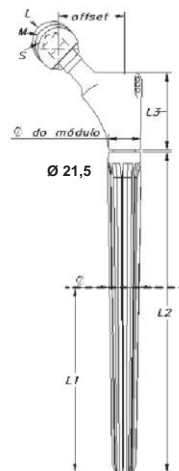
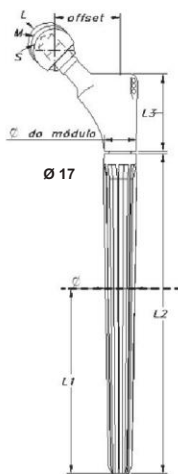
REF.	Ø mm	COMPR. COLO	Neck Length
1083/01	22	NORMAL	Medium
/02	22	LONGO	Long
/03	22	EXTRA LONGO	Extra Long
1082/01	28	CURTO	Short
/02	28	NORMAL	Medium
/03	28	LONGO	Long
/04	28	EXTRA LONGO	Extra Long
1081/01	32	CURTO	Short
/02	32	NORMAL	Medium
/03	32	LONGO	Long

2006	CHAVE "T" PARA FRESA "T" Wrench For Reamer
2007	CHAVE "PAR" Wrench "Pair"
2010	IIMPACTOR Impactor
2011	EXTRATOR DE CABEÇA DE FÊMUR Femoral Head Extractor
2451	RASPA DE REVISÃO Revision Broach
2454	FRESA ROTATIVA Rotational Reamer
2455	CURETA 13 x 24mm Curette





Cr Co Mo
ASTM F.75



Titânio
Titanium
Ti 6AL 4V ELI
ISO 5832-3
ASTM F. 136

CABEÇA INTERCAMBIÁVEL
Interchangeable Head

Cone STD	Ømm	COMPR.	Length
1091/01	22	NORMAL	Medium
/02	22	LONGO	Long
1088/01	28	CURTO	Short
/02	28	NORMAL	Medium
/03	28	LONGO	Long
/04	28	EXTRA LONGO	Extra Long

COLO PROXIMAL Ø 17
Proximal Component

REF.	L3	OFFSET
1265/01	50	41
/02	60	41
/03	70	41
/04	80	41
/05	50	46
/06	60	46
/07	70	46
/08	80	46



HASTE DISTAL
Distal Component

REF.	Ømm		
1268/01	14	113,5	130
/03	16	113,5	130
/05	18	113,5	130
/07	20	113,5	130
/08	14	120	160
/10	16	120	160
/12	18	120	160
/14	20	120	160
/16	22	120	160
/18	24	120	160
/21	16	120	210
/23	18	120	210
/25	20	120	210
/27	22	120	210
/29	24	120	210

COLO PROXIMAL Ø 21.5
Proximal Component

REF.	L3	OFFSET
1266/01	50	41
/02	60	41
/03	70	41
/04	80	41
/05	50	46
/06	60	46
/07	70	46
/08	80	46

1270	PARAFUSO TAMPÃO Ø10mm Plug Screw
1271	PARAFUSO DE FIXAÇÃO Ø 6 X 20mm Screws to fix the distal rod



ORTOSINTESE

INSTRUMENTAL PARA PRÓTESE DE REVISÃO PARA QUADRIL *Instruments For Hip Revision Prosthesis*

7062/01



7062/02



7062/03



2360/02



7063
7065



7045



2006



2858



2075



7062/04



7062/05



7074



MEDIDOR DE MÓDULO *Trial Proximal Component*

REF.	Ø mm
7063/01	17 x 50
/02	17 x 60
/03	17 x 70
/04	17 x 80
/05	17 x 50
/06	17 x 60
/07	17 x 70
/08	17 x 80
7065/01	21,5 x 50
/02	21,5 x 60
/03	21,5 x 70
/04	21,5 x 80
/05	21,5 x 50
/06	21,5 x 60
/07	21,5 x 70

2075	CHAVE SEXTAVADA 3,5 mm <i>Hexagonal Wrench</i>
2006/01	CHAVE "T" <i>"T" Wrench</i>
2360/02	MARTELO 500g <i>Hammer 500g</i>
7062/01	IMPACTOR DE HASTE <i>Stem Impactor</i>
7062/02	AFASTADOR DE MÓDULO <i>Module Retractor</i>
7062/03	IMPACTOR DE MÓDULO <i>Module Impactor</i>
7062/04	MANÍPULO <i>Handle</i>
7062/05	PONTEIRA EXTRATORA DE HASTE DISTAL <i>Extracting Tip</i>

FRESA *Reamer*

REF.	Ø mm
7045/14	14 x 130
/15	14 x 160
/16	16 x 130
/17	16 x 160
/18	16 x 210
/19	18 x 130
/20	18 x 160
/21	18 x 210
/22	20 x 130
/23	20 x 160
/24	20 x 210
/25	22 x 160
/26	22 x 210
/27	24 x 160
/28	24 x 210

MEDIDOR DE HASTE DE FIXAÇÃO DISTAL *Trial Distal Component*

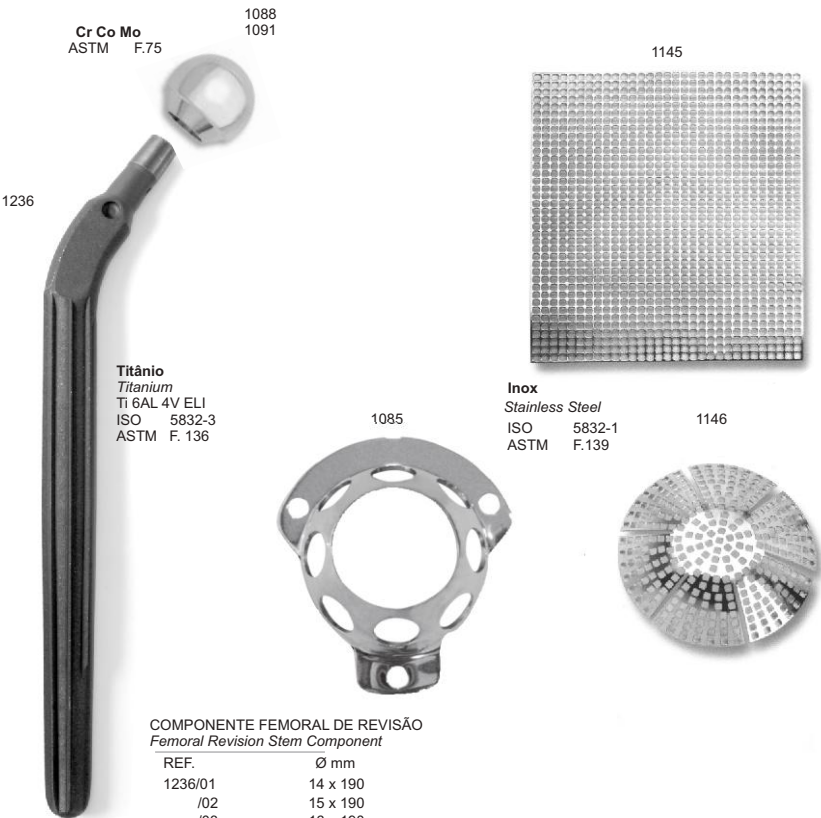
REF.	Ø mm
7064/01	14 x 130
/03	16 x 130
/05	18 x 130
/07	20 x 130
/08	14 x 160
/10	16 x 160
/12	18 x 160
/14	20 x 160
/16	22 x 160
/18	24 x 160
/21	16 x 210
/23	18 x 210
/25	20 x 210
/27	22 x 210
/29	24 x 210

MEDIDOR DE CABEÇA *Trial Head*

Ref.	Ø mm	COMPR.	Length
2858/01	28	Curto	Short
/02	28	Médio	Medium
/03	28	Longo	Long
/04	28	Extra Longo	Extra Long
/10	22	Médio	Medium
/11	22	Longo	Long

FRESA PROXIMAL *Proximal Broach*

REF.	Ø mm
7074/01	17
/02	21,5



COMPONENTE FEMORAL DE REVISÃO
Femoral Revision Stem Component

REF.	Ø mm
1236/01	14 x 190
/02	15 x 190
/03	16 x 190
/04	17 x 190
/05	18 x 190
/06	19 x 190
/07	20 x 190
/08	14 x 225
/09	15 x 225
/10	16 x 225
/11	17 x 225
/12	18 x 225
/13	19 x 225
/14	20 x 225

REFORÇO METÁLICO

Reinforcement Ring

REF.	TAMANHO mm Size
1085/01	44
/02	50
/03	54

CABEÇA INTERCAMBIÁVEL
Interchangeable Head

Cone STD	Ømm	COMPR.	Length
1091/01	22	NORMAL	Medium
/02	22	LONGO	Long
1088/01	28	CURTO	Short
/02	28	NORMAL	Medium
/03	28	LONGO	Long
/04	28	EXTRA LONGO	Extra Long

1145 TELA METÁLICA RETANGULAR
Rectangular Mesh

1146 TELA METÁLICA REDONDA
Circular Mesh



ORTOSINTESE

INSTRUMENTAL PARA PRÓTESE DE REVISÃO PARA QUADRIL

Instruments For Hip Revision Prosthesis



MEDIDOR FEMORAL

Femoral Trial

REF.	Ø mm
7044 /01	14 x 190
/02	15 x 190
/03	16 x 190
/04	17 x 190
/05	18 x 190
/06	19 x 190
/07	20 x 190
/08	14 x 225
/09	15 x 225
/10	16 x 225
/11	17 x 225
/12	18 x 225
/13	19 x 225
/14	20 x 225
/15	14 x 265
/16	15 x 265
/17	16 x 265
/18	17 x 265
/19	18 x 265
/20	19 x 265
/21	20 x 265
/22	21 x 265
/23	22 x 265
/24	23 x 265
/25	24 x 265
/26	25 x 265
/27	26 x 265
/28	21 x 225
/29	22 x 225
/30	23 x 225
/31	24 x 225
/32	25 x 225
/33	26 x 225

MEDIDOR DE CABEÇA

Head Trial

Ref.	Ø mm	COMPR.	Length
2858/01	28	Curto	Short
/02	28	Médio	Medium
/03	28	Longo	Long
/04	28	Extra Longo	Extra Long
/10	22	Médio	Medium
/11	22	Longo	Long

7046	IMPACTOR/EXTRATOR <i>Impactor / Extractor</i>
2006	CHAVE "T" <i>"T" Wrench</i>
2360/02	MARTELO 500g <i>Hammer 500g</i>

FRESA

Reamer

REF.	Ø mm
7045/01	14 x 360
/02	15 x 360
/03	16 x 360
/04	17 x 360
/05	18 x 360
/06	19 x 360
/07	20 x 360
/08	21 x 360
/09	22 x 360
/10	23 x 360
/11	24 x 360
/12	25 x 360
/13	26 x 360

Inox
Stainless Steel
ISO 5832-1
ASTM F.138

1032



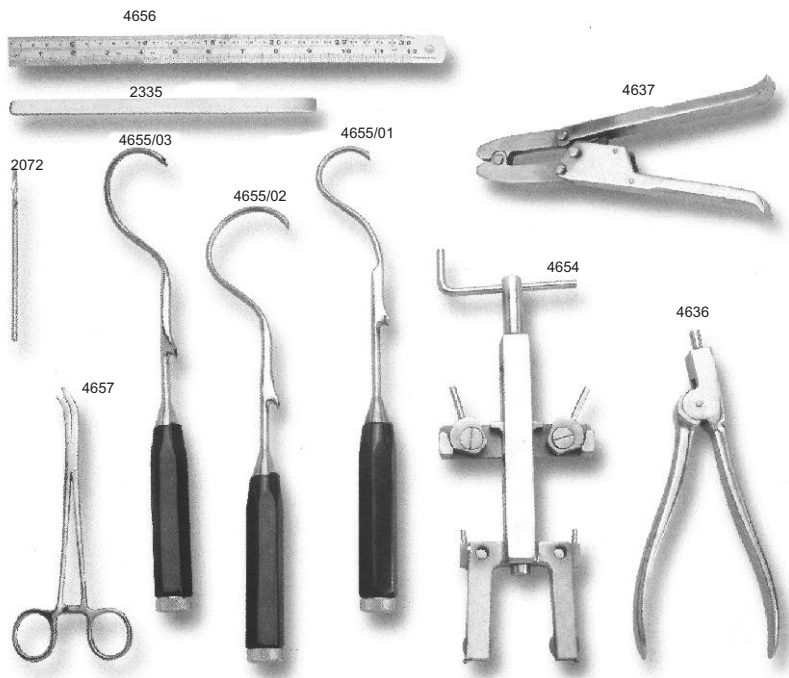
1031



1031	CABO PARA CERCLAGEM Ø1,5mm <i>Cerclage Cable</i>
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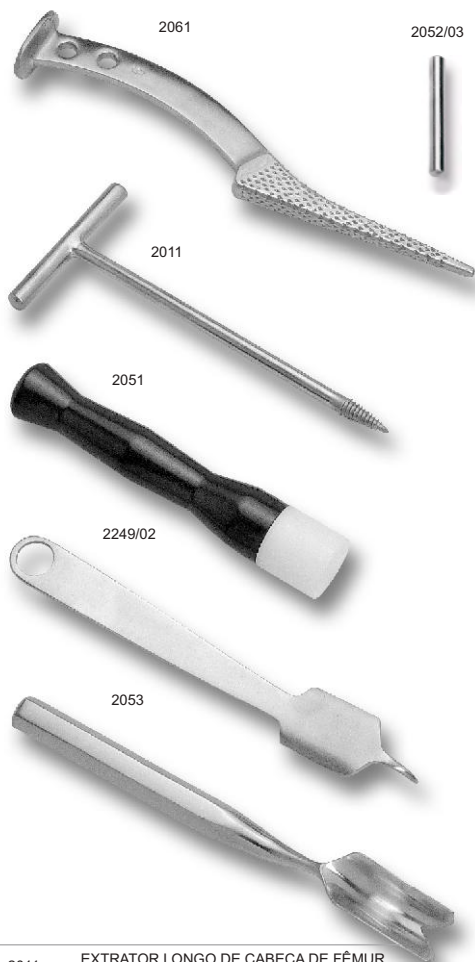
PLACA RETA
Straight Plate

REF.	FUROS Holes
1032/01	5
/02	7
/03	9
/04	11
/05	13
/06	15

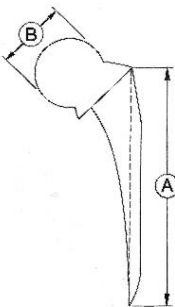


2072	BROCA 3,2mm <i>Drill</i>
2335/01	OSTEOTOMO LAMBOTTE FORMÃO TIPO FACA RETO Ø 6,4 mm <i>Straigh Osteotome Lambotte</i>
2335/02	OSTEOTOMO LAMBOTTE FORMÃO TIPO FACA RETO Ø13 mm <i>Straigh Osteotome Lambotte</i>
4636	CORTADOR DE CABO <i>Cable Cutter</i>
4637	MODELADOR DE PRESILHA <i>Sleeve Bender</i>

4654	EXTRATOR DE CABO <i>Cable Extractor</i>
4655/01	GUIA DO CABO PEQUENO <i>Cable Guide Small</i>
4655/02	GUIA DO CABO MÉDIO <i>Cable Guide Medium</i>
4655/03	GUIA DO CABO GRANDE <i>Cable Guide Large</i>
4656	MEDIDOR <i>Depht Gauge</i>
4657	PORTA PRESILHA <i>Forceps</i>



Inox
Stainless Steel
ISO 5832-1
ASTM F.138
ASTM F.139

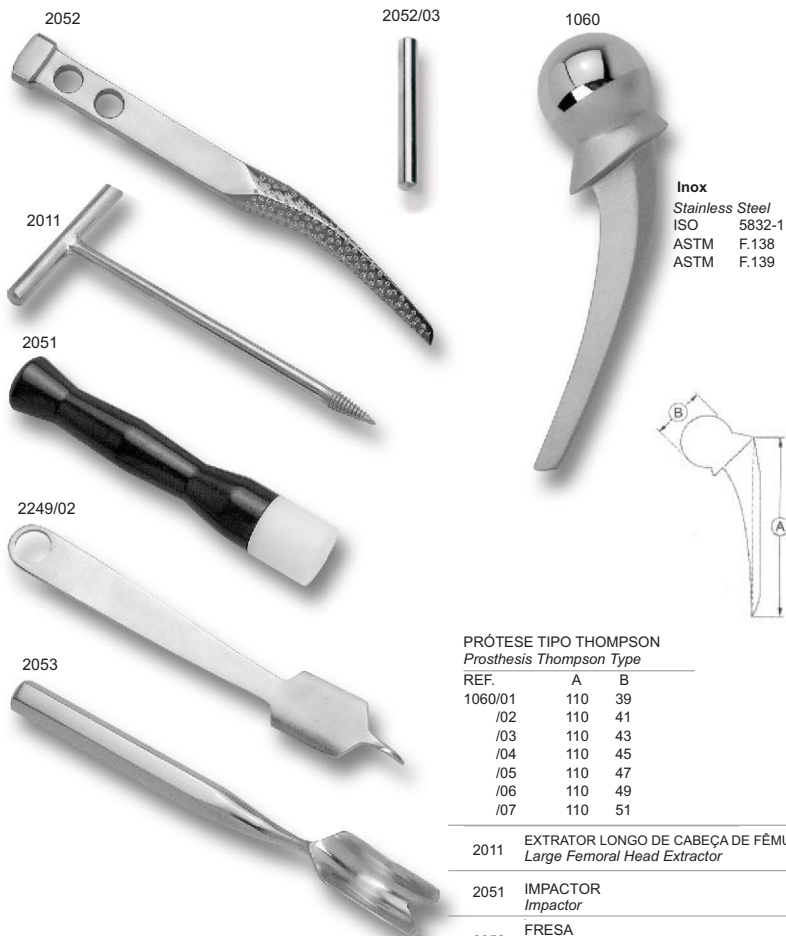


Inox
Stainless Steel
ISO 5832-1
ASTM F.138

PRÓTESE TIPO MOORE
Prosthesis Moore Type

REF.	A	B
1066/01	110	39
/02	110	41
/03	110	43
/04	110	45
/05	110	47
/06	110	49
/07	110	51
/08	110	53

REF.	A	B
1066/01	110	39
/02	110	41
/03	110	43
/04	110	45
/05	110	47
/06	110	49
/07	110	51
/08	110	53



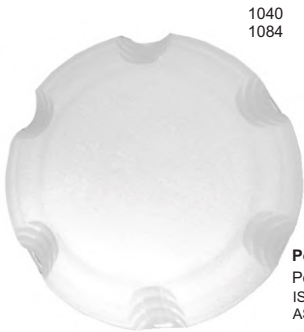
PRÓTESE TIPO THOMPSON
Prosthesis Thompson Type

REF.	A	B
1060/01	110	39
/02	110	41
/03	110	43
/04	110	45
/05	110	47
/06	110	49
/07	110	51

2011	EXTRATOR LONGO DE CABEÇA DE FÊMUR <i>Large Femoral Head Extractor</i>
2051	IMPACTOR <i>Impactor</i>
2052	FRESA <i>Broach</i>
2052/03	PINO DE EXTRAÇÃO <i>Extraction Pin</i>
2053	OSTEÓTOMO DE LIGAMENTO <i>Ligament Knife</i>
2249/02	AFASTADOR DE HOHMANN <i>Hohmann Retractor</i>

PRÓTESE ACETABULAR TIPO MULLER
Acetabular Prosthesis Muller Type

REF.	TAMANHO mm Size
1040/42	42 x 32
/44	44 x 32
/46	46 x 32
/48	48 x 32
/50	50 x 32
/52	52 x 32
/54	54 x 32
/56	56 x 32
/58	58 x 32
1084/42	42 x 28
/44	44 x 28
/46	46 x 28
/48	48 x 28
/50	50 x 28
/52	52 x 28
/54	54 x 28
/56	56 x 28
/58	58 x 28



1040
1084

Polietileno
Polyethylene
ISO 5834-2
ASTM F.648

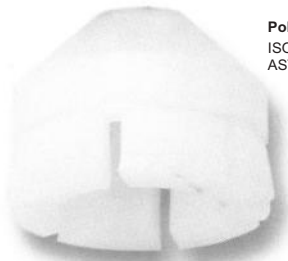
PRÓTESE BIPOLAR
Bipolar Prosthesis

REF.	EXT. Ømm	CAB Ø mm
	Ext.	Head
1013/39	39	22
/41	41	22
/43	43	22
/45	45	28
/47	47	28
/49	49	28
/51	51	28
/53	53	28

1013



Inox
Stainless Steel
ISO 5832-1
ASTM F.138



Polyethylene
ISO 5834-2
ASTM F.648



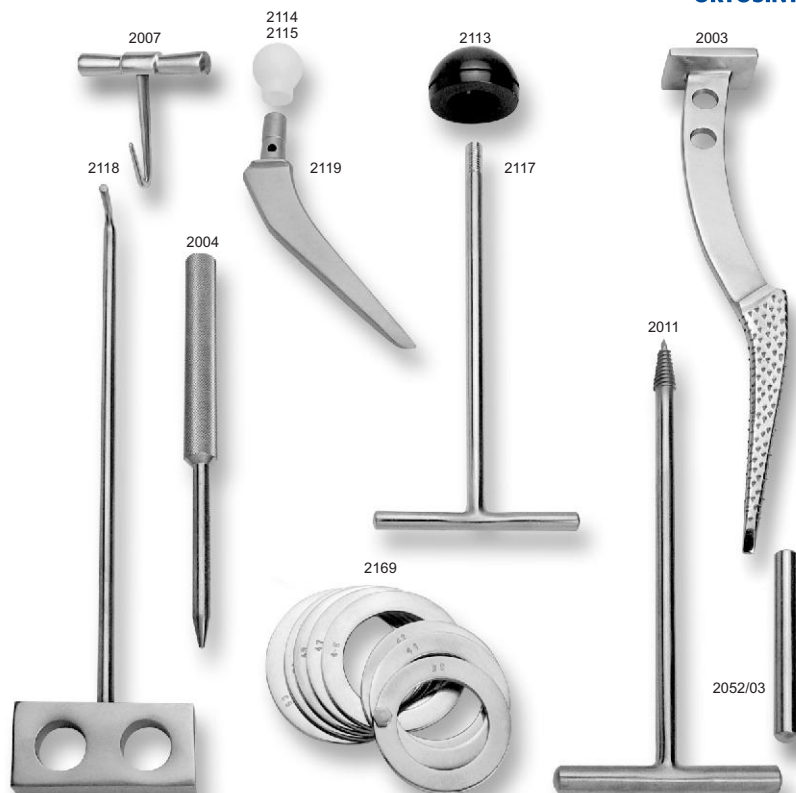
Inox
Stainless Steel
ISO 5832-1
ASTM F.138

1082
1083

CABEÇA INTERCAMBIÁVEL
Interchangeable Head

REF.	EXT. Ø mm	CAB Ø mm	Head
1083/01	22	NORMAL	Medium
/02	22	LONGO	Long
/03	22	EXTRA LONGO	Extra Long
1082/01	28	CURTO	Short
/02	28	NORMAL	Medium
/03	28	LONGO	Long
/04	28	EXTRA LONGO	Extra Long

INSTRUMENTAL PARA PRÓTESE DE QUADRIL BIPOLAR *Bipolar Hip Prosthesis Instruments*



FRESA *Broach*

REF.	Tamanho / Size
2003/01	7,5
/02	10,0
/03	12,5
/04	15,0
/05	17,5
/06	20,0

MEDIDOR DE CÁPSULA BIPOLAR *Bipolar Cup Size Gauge*

REF.	Ø mm
2113/01	39
/02	41
/03	43
/04	45
/05	47
/06	49
/07	51
/08	53

MEDIDOR FEMORAL *Femoral Gauge*

REF.	Tamanho / Size
2119/01	7,5
/02	10,0
/03	12,5
/04	15,0
/05	17,5
/06	20,0

MEDIDOR DE PROVA *Trial Gauge*

REF.	Ø mm	COMPR. COLO	Neck Length
2114/01	22	MÉDIO	Medium
/02	22	LONGO	Long
2115/01	28	CURTO	Short
/02	28	MÉDIO	Medium
/03	28	LONGO	Long

2004	IMPACTOR <i>Impactor</i>
2007	CHAVE "T" <i>Wrench</i>
2011	EXTRATOR LONGO DE CABEÇA FEMORAL <i>Large Femoral Head Extractor</i>
2052/03	PIÑO DE EXTRAÇÃO <i>Extraction Pin</i>
2117	CHAVE "T" <i>"T" Wrench</i>
2118	EXTRATOR DE HASTE <i>Rod Extractor</i>
2169	MEDIDOR DE CABEÇA DE FÊMUR <i>Femur Head Gauge</i>



ORTOSINTESE

PRÓTESE TOTAL MODULAR NÃO CONVENCIONAL COM ROTAÇÃO *Modular Non Conventional Total Knee Prosthesis With Rotation*

1096
1097

Titânio
Titanium
Ti 6AL 4V ELI
ISO 5832-3
ASTM F. 136

1096 JOELHO ARTICULADO ESQUERDO
Left Articulated Knee

1097 JOELHO ARTICULADO DIREITO
Right Articulated Knee

Polyethylene
ISO 5834-2
ASTM F.648

155 mm. Stand.

Sistema modular de montagem através de CONE MORSE que dispensa o envio de radiografia.
Modular assembly system through Morse Cone, avoiding comparison with the X-Ray

HASTE
Stem

REF.	Ø mm	COMPR.mm Length
1089/01	11	150
/02	12	155
/03	13	160
/04	14	165

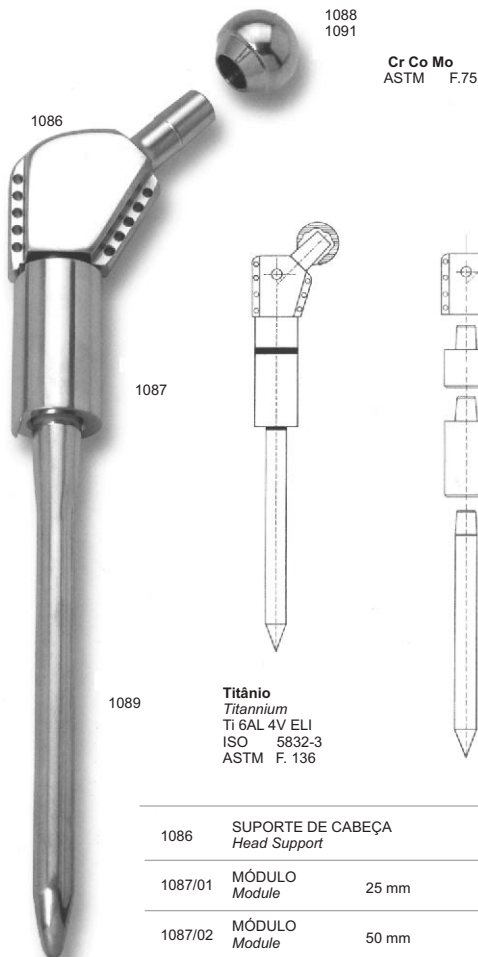
1089

PRÓTESE MODULAR DE QUADRIL NÃO CONVENCIONAL

Non Conventional Modular Hip Prosthesis



ORTOSINTESE



INDICAÇÕES

Indication

- 01) Ressecção em bloco de tumor ósseo primário metastático.
- 02) Para fraturas de 1/3 proximal ao Fêmur.
- 03) Para revisão de prótese total prévia. Prótese modular com encaixe em cone Morse, podendo adicionar comprimento, o quanto for necessário ressecar o osso, sem necessidade de medidas prévias, sendo válido tanto para traumas e metastáticos, como em fraturas ou revisão de próteses anteriores.

Existem ainda outras vantagens, em que há necessidade de cimentar o conjunto, com exagero de retro ou antetro: desconecta-se a prótese na região do cone e ajusta-se na posição desejada, sem dificuldade ou perda de tempo.

O cirurgião terá a seu dispor uma enorme variedade de opções, no que diz respeito à cirurgia de quadril, e em tumores primário ou metastático do osso nessa região.

- 01) Resection in "block" of the bone tumor (primary methastatic).
- 02) For fracture 1/3 proximal of femur.
- 03) For revision of previus total arthroplasty.

Modular prosthesis with morse cone insertion, with the possibility of adding the length after resection of bone. Indication in cases of trauma and methastatics as in fracture or revision of previous prosthesis.

There is another advantage, when there is the necessity of cementing the whole, with exaggeration of foward and backward, this disconnecting the prosthesis from the cone region, adjusting it with no loss of time in the desired position.

The surgeon will have vast possibility of options regarding hip surgery, primary tumours and in methastatic of bone in this region.

Titânio
Titanium
Ti 6AL 4V ELI
ISO 5832-3
ASTM F.136

1086	SUPORE DE CABEÇA Head Support	
1087/01	MÓDULO Module	25 mm
1087/02	MÓDULO Module	50 mm
1089/01	HASTE Stem	Ø 11,0 x 150
1089/02	HASTE Stem	Ø 12,0 x 155
1089/03	HASTE Stem	Ø 13,0 x 160
1089/04	HASTE Stem	Ø 14,0 x 165

CABEÇA INTERCAMBIÁVEL

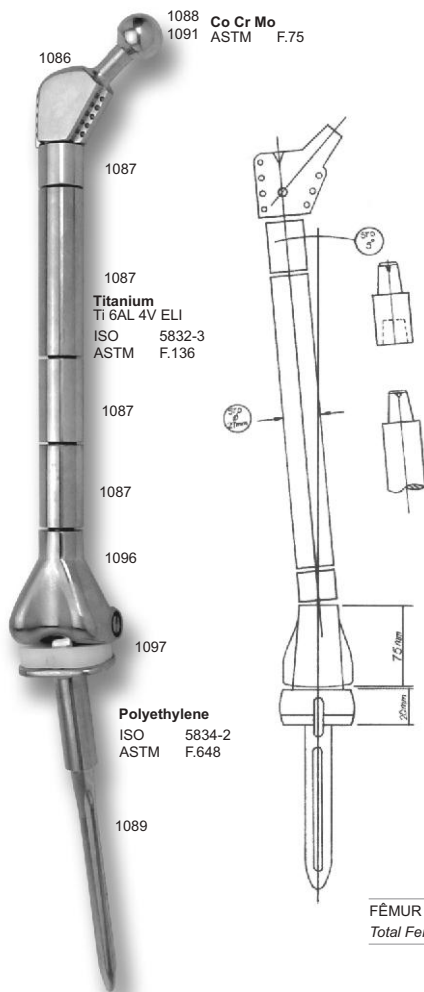
Interchangeable Head

Cone STD	Ømm	COMPR.	Length
1091/01	22	NORMAL	Medium
/02	22	LONGO	Long
1088/01	28	CURTO	Short
/02	28	NORMAL	Medium
/03	28	LONGO	Long
/04	28	EXTRA LONGO	Extra Long



ORTOSINTESE

PRÓTESE MODULAR NÃO CONVENCIONAL Non Conventional Modular Prosthesis



1086	SUPORE DE CABEÇA <i>Head Support</i>
1096	JOELHO ARTICULADO ESQUERDO <i>Left Articulated Knee</i>
1097	JOELHO ARTICULADO DIREITO <i>Right Articulated Knee</i>

CABEÇA INTERCAMBIÁVEL *Interchangeable Head*

Cone STD	Ø mm	COMPR. COLO	Neck Length
1091/01	22	MÉDIO	Medium
/02	22	LONGO	Long
1088/01	28	CURTO	Short
/02	28	MÉDIO	Medium
/03	28	LONGO	Long
/04	28	EXTRA LONGO	Extra Long

MÓDULO *Module*

REF.	COMPR. mm	Length
1087/01	25	
/02	50	
/03	72	
/04	96	
/05	200	
/06	206	
/07	212	
/08	218	
/09	224	
/10	230	
/11	236	

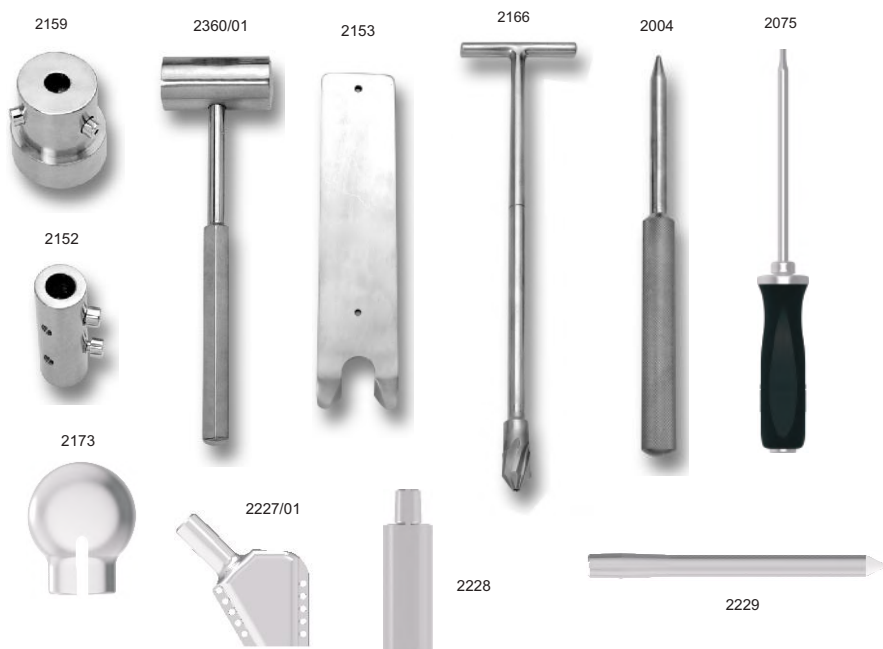
FÊMUR TOTAL + JOELHO ARTICULADO *Total Femur + Articulated Knee*

Sistema modular de montagem através de CONE MORSE que dispensa o envio de radiografia.

Modular assembling system through MORSE CONE avoiding comparison with the X-Ray

HASTE *Stem*

REF.	Ø mm	COMPR. mm	Length
1089/02	12	155	
/03	14	165	



2004	IMPACTOR FINAL <i>Final Impactor</i>
2075	CHAVE SEXTAVADA 3,5 <i>Hex Head Screw Driver</i>
2152	EXTRATOR DE ANEL <i>Ring Extractor</i>
2153	EXTRATOR CUNHA <i>Wedge Extractor</i>
2159	GUIA DE MONTAGEM <i>Assembly Guide</i>
2360/01	MARTELO DE AÇO INOXIDÁVEL 350 gr <i>Stainless Steel Mallets 350 gr</i>
2227/01	PROVA PARA SUPORTE DE CABEÇA <i>Proof For Head Support</i>

FRESA EM "T"
"T" Reamer

REF.	Ø mm
2166/01	12
/02	14
/03	16

MEDIDOR
Meter

REF.	Ø mm	COMPR.
2173/01	28	Curto
/02	28	Médio
/03	28	Longo
/04	28	Extra Longo
/05	32	Curto
/06	32	Médio
/07	32	Longo
/08	32	Extra Longo

PROVA PARA MÓDULO
Proof For Module

REF.	Ø mm
2228/01	25
/02	50
/03	72
/04	96

PROVA PARA HASTE
Proof For Haste

REF.	Ø mm
2229/01	11x150
/02	12x155
/03	13x160
/04	14x165
/05	16x195
/06	15x170

1771



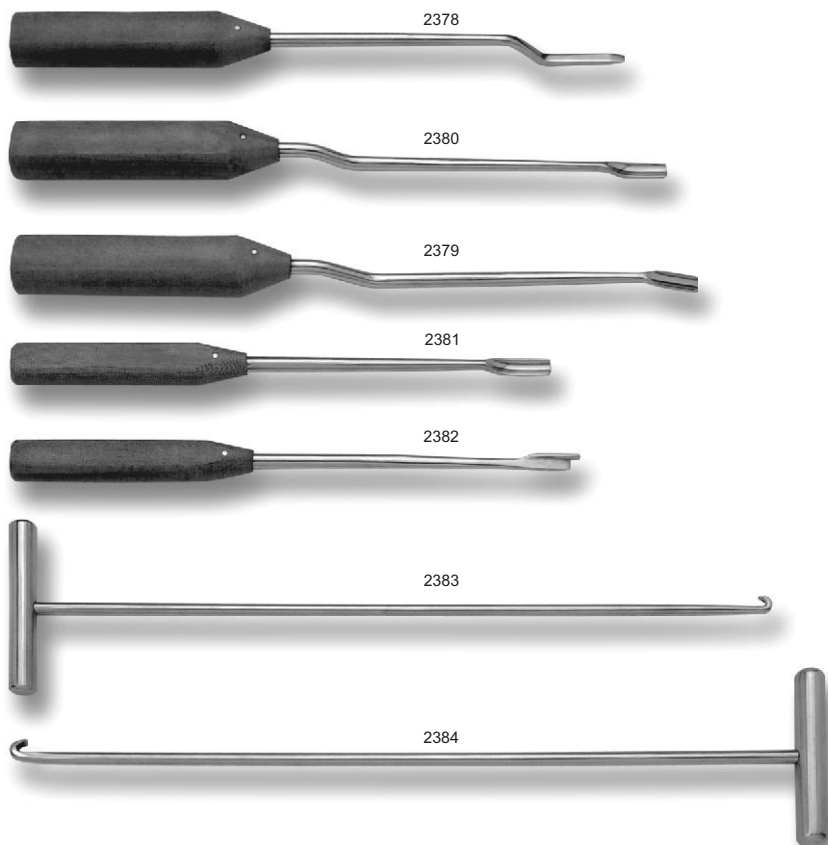
1771



1770



1770	PISTOLA <i>Gun</i>
1771	KIT CIMENTAÇÃO <i>Cimenting Kit</i>



2378	CINZEL PARA EXTRAÇÃO DE CIMENTO <i>Cement Chisel Extractor</i>
2379	CINZEL PARA EXTRAÇÃO DE CIMENTO ÂNGULO 15° PARA BAIXO <i>Extractor Cement Chisel Down Angled 15°</i>
2380	CINZEL PARA EXTRAÇÃO DE CIMENTO NEGATIVO LONGO <i>Extractor Cement Chisel Negative Long</i>
2381	CINZEL PARA EXTRAÇÃO DE CIMENTO ACETABULAR <i>Acetabular Extractor Cement Chisel</i>
2382	CINZEL PARA EXTRAÇÃO DE CIMENTO <i>Extractor Cement Chisel</i>
2383	GANCHO PARA EXTRAÇÃO DE CIMENTO <i>Extractor Cement Hook</i>
2384	GANCHO AFIADO PARA EXTRAÇÃO DE CIMENTO <i>Sharp Hook for Cement Extraction</i>



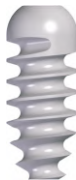
ORTOSINTESE

SISTEMA TRANSLOCK *Translock System*

3011



3013
3094
3095



4862



4861



Titânio

Titanium

Ti 6AL 4v Eli
ISO 5832-3
ASTM F.136

3012

HSFiber



2966



4863/01



Inox

Stainless Steel
ISO 5832-1
ASTM F.138

4863/01 ARRUELA DENTADA
Dented Washer Lock

2966 EXTRATOR DE CABO
Cable Extractor

TUNNEL BUTTON
Tunnel Button

REF.	Ø mm
3012/01	15
/02	20
/03	25
/04	30

**PARAFUSO DE INTERFERÊNCIA
TITÂNIO**
Interference Titanium Screw

REF.	Ø mm
3013/01	8 x 20
/02	8 x 25
/03	8 x 30

PARAFUSO TRANSLOCK
Translock Screw

REF.	Ø mm
4862/06	6,35 x 40
/07	6,35 x 45
/08	6,35 x 50
/09	6,35 x 55
/10	6,35 x 60

PARAFUSO DE INTERFERÊNCIA
Interference Screw

REF.	Ø mm
3094/01	7 x 20
/02	7 x 25
/03	7 x 30

PARAFUSO DE INTERFERÊNCIA
Interference Screw

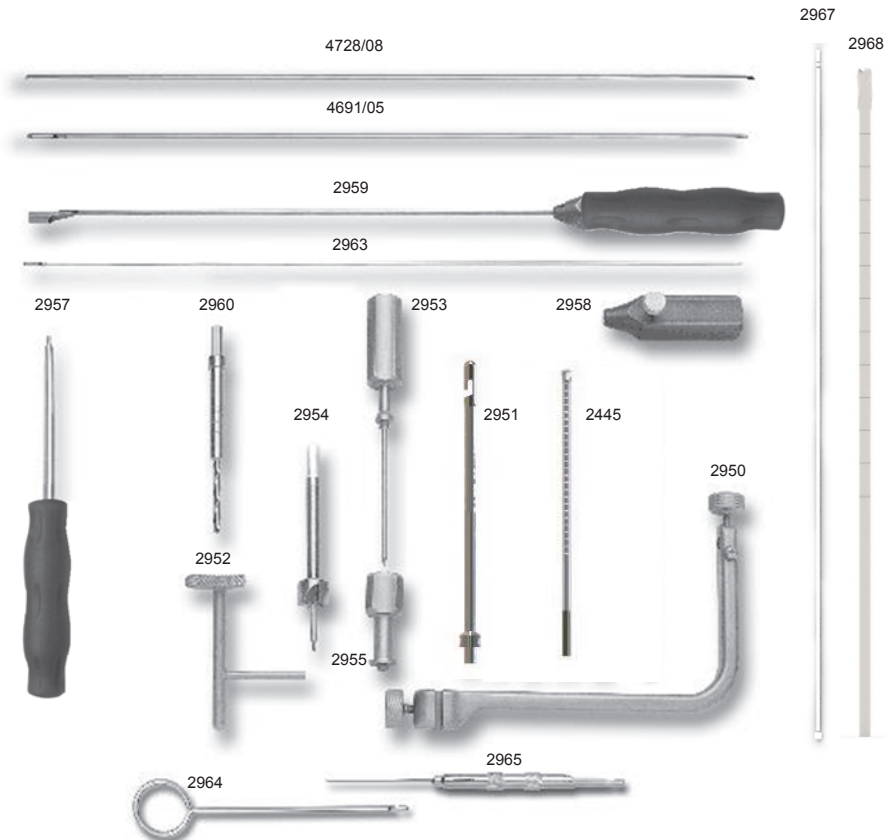
REF.	Ø mm
3095/01	9 x 20
/02	9 x 25
/03	9 x 30
/04	9 x 35

PARAFUSO DE TITÂNIO
Titanium Screw

REF.	Ø mm
4861/01	6,5 x 40
/02	6,5 x 42
/03	6,5 x 44
/04	6,5 x 46
/05	6,5 x 48
/06	6,5 x 50
/07	6,5 x 52
/08	6,5 x 54
/09	6,5 x 56

PARAFUSO DE INTERFERÊNCIA
Interference Screw

REF.	Ø mm
3011/04	8 x 20
/05	8 x 25
/06	8 x 30
/07	9 x 20
/08	9 x 25
/09	9 x 30
/10	10 x 20
/11	10 x 25
/12	10 x 30
/13	11 x 25
/14	11 x 30



2445/01	FRESA CANULADA Ø 7,0 mm Cannulated Reamer
2950	GUIA EM "L" "L" Guide
2951/07	GUIA INTRA FEMORAL 7 mm Femoral Guide
2951/08	GUIA INTRA FEMORAL 8 mm Femoral Guide
2951/09	GUIA INTRA FEMORAL 9 mm Femoral Guide
2951/10	GUIA INTRA FEMORAL 10 mm Femoral Guide
2951/11	GUIA INTRA FEMORAL 11 mm Femoral Guide
2952	GUIA DE PUNÇÃO PARA ARRUELA DENTADA Punch Guide for Dentated Washer

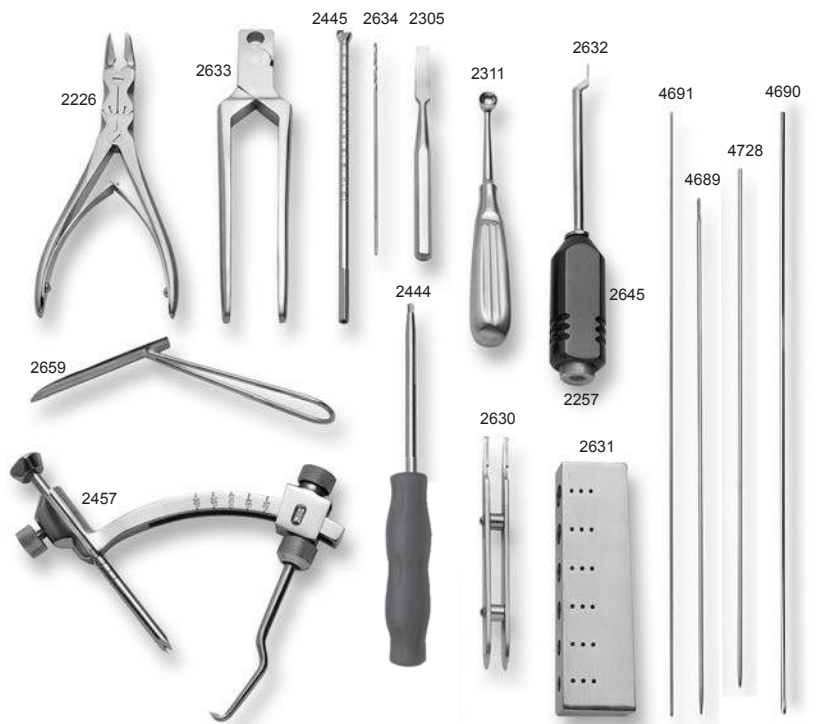
2953	PERFURADOR PARA ARRUELA DENTADA Drill for Dentated Washer
2954	FRESA PARA ARRUELA DENTADA Reamer for Dentated Washer
2955	IMPACTOR PARA ARRUELA DENTADA Impactor for Dentated Washer
2957	CHAVE SEXTAVADA CANULADA Ø3,5 mm Wrench
2958	CHAVE EXTRATOR DO FIO Wire Extractor Wrench
2959	EXTRATOR DE ENXERTO Graft Extractor
2960	BROCA FEMORAL CANULADA Ø4,0 mm Cannulated Femoral Drill

2963	GUIA PASSA FIO Wire Guide
2964	EXTRATOR DE CABO Cable Extractor
2965	MEDIDOR Depth Gauge
4691/05	GUIA FIO RASGADO Ø2,4 X 300 mm Opened Wire Guide
4728/08	FIO DE KIRSCHNER Ø1,8 X 300 mm Kirschner Wire
BROCA TUNNEL BUTTON Tunnel Button Drill	
REF	Ø
2967/01	4,0
/02	4,5
/03	5,0
2968/01	4,5
/02	5,0



ORTOSINTESE

INSTRUMENTAL PARA PARAFUSO DE INTERFERÊNCIA *Interference Screw Instruments*



2226	PINÇA DE RUSKIN <i>Ruskin Tweezers</i>
2257	IMPACTOR PORCA P/ CABO DO AIMER <i>Impactor Nut</i>
2305/01	OSTEÓTOMO CURVO Ø 6,4 mm <i>Curved Osteotome</i>
2311/03	CURETA OSSEA RETA Nº 3 <i>Straight Bone Curette</i>
2444	CHAVE HEXAGONAL 3,5 mm <i>Hexagonal Screwdriver</i>
2445/02	FRESA 8 mm <i>Reamer</i>
2445/03	FRESA 9 mm <i>Reamer</i>
2445/04	FRESA 10 mm <i>Reamer</i>
2445/05	FRESA 11 mm <i>Reamer</i>
2457	GUIA DE LIGAMENTO CRUZADO <i>Anterior Crossed Ligament Guide</i>
2630	CABO DE BISTURI DUPLO <i>Double Bistoury Wrench</i>
2631	MEDIDOR DE ENXERTO <i>Graft Gauge</i>

GUIA AIMER

<i>Aimer Guide</i>	
2632/01	8mm
/02	9mm
/03	10mm
/04	11mm
2633	MODELADOR DE ENXERTO <i>Graft Shaper</i>
2634	BROCA Ø 2 x 150 mm <i>Drill</i>
2645	CHAVE AIMER <i>Aimer Wrench</i>
2659	GUIA PROTETOR DE ENXERTO <i>Graft Protector Guide</i>
4689/01	GUIA FIO FURADO Ø 1,8 x 300 mm 4 FUROS <i>Wire With 4 Holes</i>
4690	GUIA FIO Ø 2,0 x 360 mm <i>Wire Guide</i>
4691/01	GUIA FIO Ø 2,5 x 400 mm RASGADO <i>Wire Guide</i>
4728/10	FIO DE KIRSCHNER Ø 2,5 x 300 mm <i>Kirschner Wire</i>

PARAFUSO CORTICAL CANULADO Ø 3,5 mm *Cannulated Cortical Screw*



PARAFUSO CORTICAL CANULADO 3,5 mm
Cannulated Cortical Screw

REF.	COMPR.mm <i>Length</i>	ROSCA <i>Thread</i>
3314/01	10	4
/02	12	4
/03	14	5
/04	16	5
/05	18	6
/06	20	7
/07	22	7
/08	24	8
/09	26	8
/10	28	9
/11	30	10
/12	32	11
/13	34	11
/14	36	12
/15	38	12
/16	40	13
/17	42	14
/18	44	14
/19	46	15
/20	48	15
/21	50	16

3340 ARRUELA 7 mm
Washer

PARAFUSO CORTICAL CANULADO 3,5 mm
Cannulated Cortical Screw

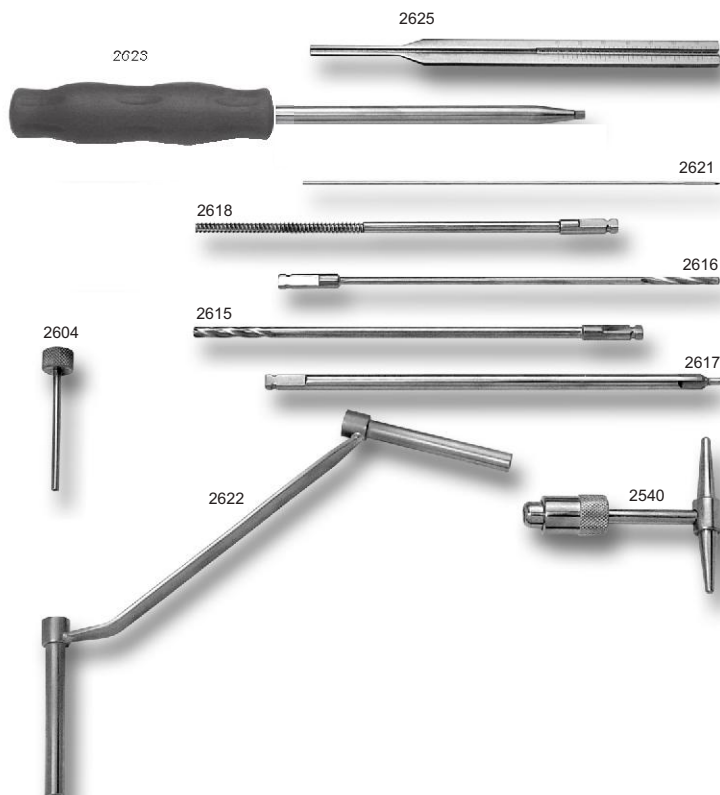
REF.	COMPR. mm <i>Length</i>
3316/01	10
/02	12
/03	14
/04	16
/05	18
/06	20
/07	22
/08	24
/09	26
/10	28
/11	30
/12	32
/13	34
/14	36
/15	38
/16	40
/17	42
/18	44
/19	46
/20	48
/21	50



ORTOSINTESE

INSTRUMENTAL PARA PARAFUSO CORTICAL CANULADO Ø 3,5 mm

Cannulated Cortical Screw Instruments



2540	CHAVE EM "T" "T" Wrench
2604	GUIA PARA FIO Ø 1,2 mm Wire For Guide
2615	BROCA CANULADA Ø 2,7 mm Cannulated Drill
2616	FRESA CANULADA ENGATE RÁPIDO Ø 3,5 x 1,4 mm Cannulated Reamer Quick Coupling
2617	FRESA CANULADA ENGATE RÁPIDO Ø 3,5 mm Quick Coupling Cannulated Reamer

2618	FRESA CANULADA Ø 3,5 x 1,4 x 160 mm Cannulated Reamer
2621	FIO GUIA Ø 1,2 x 150 mm PONTA ROSQUEADA Wire Guide
2622	GUIA DE BROCA Ø 2,7 mm / Ø 3,5 mm Drill Guide
2623	CHAVE SEXTAVADA 2,5 mm CANULADA Swivel Key 2,5 mm Canulada
2625	MEDIDOR PARAFUSO Ø 3,5 mm Gauge

PARAFUSO CORTICAL CANULADO Ø 4,5 mm

Cannulated Cortical Screw



PARAFUSO CORTICAL CANULADO 4,5 mm
Cannulated Cortical Screw

REF.	COMPR. mm
	<i>Length</i>
3312/01	20
/02	22
/03	24
/04	26
/05	28
/06	30
/07	32
/08	34
/09	36
/10	38
/11	40
/12	42
/13	44
/14	46
/15	48
/16	50
/17	52
/18	54
/19	56
/20	60
/21	64
/22	68
/23	72

3341 ARRUELA P/ PARAFUSO CANULADO Ø4,5
Washer for Cannulated Screw

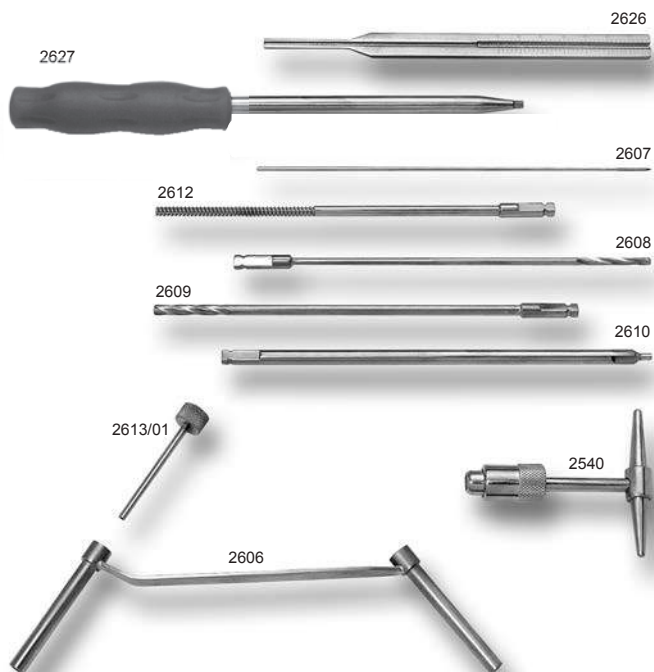
PARAFUSO CORTICAL CANULADO 4,5 mm
Cannulated Cortical Screw

REF.	COMPR mm	ROSCA
	<i>Length</i>	<i>Thread</i>
3313/01	20	7
/02	22	7
/03	24	8
/04	26	9
/05	28	9
/06	30	10
/07	32	11
/08	34	11
/09	36	12
/10	38	13
/11	40	13
/12	42	14
/13	44	15
/14	46	15
/15	48	16
/16	50	16
/17	52	17
/18	54	18
/19	56	19
/20	60	20
/21	64	21
/22	68	23
/23	72	24



ORTOSINTESE

INSTRUMENTAL PARA PARAFUSO CORTICAL CANULADO Ø 4,5 mm *Cannulated Cortical Screw Instruments*



2540	CABO "T" "T" Handle
2606	GUIA DE BROCA - Ø 4,5 / 3,2 mm Drill Guide
2607	FIO Ø 1,7 X 180 mm Wire
2608	FRESA CANULADA ENGATE RÁPIDO Ø 3,2 mm Cannulated Reamer Quick Coupling
2609	FRESA CANULADA ENGATE RÁPIDO Ø 4,5 x 1,8 x 185 mm Cannulated Reamer Quick Coupling

2610	ESCARIADOR CANULADA ENGATE RÁPIDO Quick Coupling Cannulated Counter Sink
2612	MACHO CANULADO Ø 4,5 mm Cannulated Reamer
2613/01	GUIA FIO Ø 1,7 mm Wire Guide
2626	MEDIDOR PARAFUSO Ø 4,5 mm Depth Gauge Screw
2627	CHAVE SEXTAVADA Ø3,5 mm Hex Head Screw Driver

PARAFUSO ESPONJOSO CANULADO Ø 7,0 mm

Cannulated Cancellous Screw

3320



3321



3322



Inox
Stainless Steel
ISO 5832-1
ASTM F.138

PARAFUSO ESPONJOSO CANULADO 7,0mm

Cannulated Cancellous Screw

REF.	COMPR. mm <i>Length</i>	COMPR. ROSCA mm <i>Leght Screw</i>
3320/01	30	16
/02	35	16
/03	40	16
/04	45	16
/05	50	16
/06	55	16
/07	60	16
/08	65	16
/09	70	16
/10	75	16
/11	80	16
/12	85	16
/13	90	16
/14	95	16
/15	100	16
/16	105	16
/17	110	16
/18	115	16
/19	120	16

ARRUELA

Washer

REF.	Ø mm
3322/01	12
/02	16
/03	19

PARAFUSO ESPONJOSO CANULADO 7,0mm

Cannulated Cancellous Screw

REF.	COMPR mm <i>Length</i>	COMPR. ROSCA <i>Leght Screw</i>
3321/01	40	32
/02	45	32
/03	50	32
/04	55	32
/05	60	32
/06	65	32
/07	70	32
/08	75	32
/09	80	32
/10	85	32
/11	90	32
/12	95	32
/13	100	32
/14	105	32
/15	110	32
/16	115	32
/17	120	32



3311/08 GUIA FIO Ø 2,5 x 200 mm COM ROSCA NA PONTA
Wire Guide With Treaded End

3415 CHAVE HEXAGONAL
Hex Head Screw Driver

3416 FRESA Ø 7,0 mm
Reamer

3417 GUIA MÚLTIPLO
Multiple Guide

3418 FRESA CANULADA
Cannulated Reamer

3419 FRESA INICIAL CANULADA
Cannulated Initial Reamer

3420 MEDIDOR 180mm
Gauge

3421/02 GUIA DO FIO
Wire Guide

3422 GUIA DO MACHO
Tap Guide

PLACAS BLOQUEADAS DE GRANDES FRAGMENTOS

Large Fragments Locking Plate



ORTOSINTESE

PLACA EM "T" CURVO

"T" Locking Plate

REF.	REF.	FUROS	COMP.
Titânio	Inox	Holes	Lenght
6114/01	6371/01	2x3	78
/02	/02	2x4	97
/03	/03	2x5	116
/04	/04	2x6	135
/05	/05	2x7	154
/06	/06	2x8	173
/07	/07	2x9	192
/08	/08	2x10	211
/09	/09	2x12	249



PLACA EM "L" BLOQUEADA ESQUERDA

Left "L" Locking Plate

REF.	REF.	FUROS	COMP.
Titânio	Inox	Holes	Lenght
6115/01	6372/01	2x3	74
/02	/02	2x4	93
/03	/03	2x5	112
/04	/04	2x6	131
/05	/05	2x7	150
/06	/06	2x8	169
/07	/07	2x9	188
/08	/08	2x10	207
/09	/09	2x12	245

PLACA EM "L" BLOQUEADA DIREITA

Right "L" Locking Plate

REF.	REF.	FUROS	COMP.
Titânio	Inox	Holes	Lenght
6116/01	6373/01	2x3	74
/02	/02	2x4	93
/03	/03	2x5	112
/04	/04	2x6	131
/05	/05	2x7	150
/06	/06	2x8	169
/07	/07	2x9	188
/08	/08	2x10	207
/09	/09	2x12	245

PLACA EM "T" BLOQUEADA

Straight "T" Locking Plate

REF.	REF.	FUROS	COMP.
Titânio	Inox	Holes	Lenght
6117/01	6374/01	2x3	75
/02	/02	2x4	94
/03	/03	2x5	113
/04	/04	2x6	132
/05	/05	2x7	151
/06	/06	2x8	170
/07	/07	2x10	208
/08	/08	2x12	246



Inox
Stainless Steel
ISO 5832-1
ASTM F.139

Titânio
Titanium
Ti 6Al 4V Eli
ISO 5832-3
ASTM F.136

PLACA SUSTENTAÇÃO DIREITA

Right Distal Supporting Locking Plate

REF.	FUROS	COMP.
Inox	Holes	Lenght
6382/01	5	149
/02	7	187
/03	9	225
/04	11	263
/05	13	301



PLACA SUSTENTAÇÃO ESQUERDA

Left Distal Supporting Locking Plate

REF.	FUROS	COMP.
Inox	Holes	Lenght
6383/01	5	149
/02	7	187
/03	9	225
/04	11	263
/05	13	301

PLACA DE SUSTENTAÇÃO TIBIAL DIREITA

Right Tibial Support Locking Plate 15°

REF.	REF.	FUROS	COMP.
Titânio	Inox	Holes	Lenght
6118/01	6375/01	4	121
/02	/02	5	140
/03	/03	6	159
/04	/04	7	178
/05	/05	8	197
/06	/06	9	216
/07	/07	11	254
/08	/08	13	292
/09	/09	15	330



PLACA DE SUSTENTAÇÃO TIBIAL ESQUERDA

Left Tibial Support Locking Plate 15°

REF.	REF.	FUROS	COMP.
Titânio	Inox	Holes	Lenght
6119/01	6376/01	4	121
/02	/02	5	140
/03	/03	6	159
/04	/04	7	178
/05	/05	8	197
/06	/06	9	216
/07	/07	11	254
/08	/08	13	292
/09	/09	15	330

PLACA LARGA BLOQUEADA

Broad Locking Plate

REF.	REF.	FUROS	COMP.
Titânio	Inox	Holes	Lenght
6120/01	6377/01	6	122
/02	/02	7	142
/03	/03	8	162
/04	/04	9	182
/05	/05	10	202
/06	/06	12	242
/07	/07	14	282
/08	/08	16	322
/09	/09	18	362
/10	/10	20	402



PLACA ESTREITA

Narrow Plate

REF.	FUROS	COMP.
Titânio	Holes	Lenght
6121/01	4	82
/02	5	102
/03	6	122
/04	7	142
/05	8	162
/06	9	182
/07	10	202
/08	12	242
/09	14	282
/10	16	322
/11	16	322



PLACA DE RECONSTRUÇÃO

Reconstruction Plate

REF.	REF.	FUROS	COMP.
Titânio	Inox	Holes	Lenght
6122/01	6380/01	4	78
/02	/02	5	97
/03	/03	6	116
/04	/04	7	135
/05	/05	8	154
/06	/06	9	173
/07	/07	10	192
/08	/08	11	211
/09	/09	12	230
/10	/10	13	248
/11	/11	14	268
/12	/12	15	287
/13	/13	16	306



Inox
Stainless Steel
ISO 5832-1
ASTM F.138

Titânio
Titanium
Ti 6Al 4V Eli
ISO 5832-3
ASTM F.136

Titânio
Titanium
ISO 5832-2
ASTM F. 67

Inox
Stainless Steel
ISO 5832-1
ASTM F.138



PARAFUSOS DE GRANDES FRAGMENTOS PARA PLACA BLOQUEADA Large Fragments Locking Screw

ORTOSINTESE

PARAFUSO CORTICAL AUTO-ROSQUEANTE Ø 4,5 mm
Cortical Screw Self Tapping



REF. Titânio Titanium	REF. INOX Stainless Steel	COMPR. Length
1500	6342	14
1501	6343	16
1502	6344	18
1503	6345	20
1504	6346	22
1505	6347	24
1506	6348	26
1507	6349	28
1508	6350	30
1509	6351	32
1510	6352	34
1511	6353	36
1512	6354	38
1513	6355	40
1514	6356	42
1515	6357	44
1516	6358	46
1517	6359	48
1518	6360	50
1519	6361	52
1520	6362	54
1521	6363	56
1522	6364	58
1523	6365	60
1524	6366	62
1525	6367	64
1526	6368	66
1527	6369	68
1528	6370	70



Aço Inox



Titânio

Aço Inox

Stainless Steel
ISO 5832-1
ASTM F.138

Titânio

Titanium
Ti 6AL 4v Eli
ISO 5832-3
ASTM F.136

ARRUELA PARA PARAFUSO Washer for Screw

REF.	Cortical Cortical Ø	Esponjoso Cancellous Ø
4727/01	-	6,5
/02	-	4,0
/03	4,5	-
/04	3,5	-
/05	2,7	-

ARRUELA PARA PARAFUSO Washer for Screw

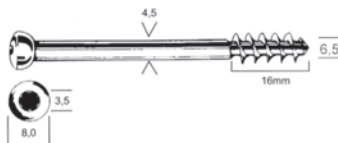
REF.	Cortical Cortical Ø	Esponjoso Cancellous Ø
3910/02	-	6,5
/03	-	4,0
/04	4,5	-
/05	3,5	-
/06	2,7	-

PARAFUSO CORTICAL Ø 5,0 mm
Cortical Screw



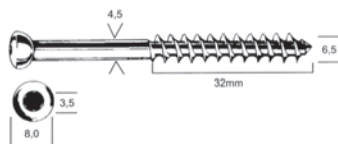
REF. Titânio Titanium	REF. INOX Stainless Steel	COMPR. Length
1530	6315	14
1531	6316	16
1532	6317	18
1533	6318	20
1534	6319	22
1535	6320	24
1536	6321	26
1537	6322	28
1538	6323	30
1539	6324	32
1540	6325	34
1541	6326	36
1542	6327	38
1543	6328	40
1544	6329	42
1545	6330	44
1546	6331	46
1547	6332	48
1548	6333	50
1549	6334	55
1550	6335	60
1551	6336	65
1552	6337	70
1553	6338	75
1554	6339	80
1555	6340	85
1556	6341	90

PARAFUSO ESPONJOSO Ø 6,5 (R 16 mm)
Cancellous Screw



REF. Titânio Titanium	REF. INOX Stainless Steel	COMPR. mm Length	REF. Titânio Titanium	REF. INOX Stainless Steel	COMPR. mm Length
1425	3225	25	1434	3270	70
1426	3230	30	1435	3275	75
1427	3235	35	1436	3280	80
1428	3240	40	1437	3285	85
1429	3245	45	1438	3290	90
1430	3250	50	1439	3295	95
1431	3255	55	1440	3300	100
1432	3260	60	1441	3305	105
1433	3265	65	1442	3310	110

PARAFUSO ESPONJOSO Ø 6,5 (R22, 27 e 32 mm)
Cancellous Screw



REF. Titânio Titanium	REF. INOX Stainless Steel	COMPR. mm Length	REF. Titânio Titanium	REF. INOX Stainless Steel	COMPR. mm Length
1443* R22	3430* R22	30	1452	3475	75
1444* R27	3435* R27	35	1453	3480	80
1445 R32	3440 R32	40	1454	3485	85
1446 R32	3445 R32	45	1455	3490	90
1447 R32	3450 R32	50	1456	3495	95
1448 R32	3455 R32	55	1457	3500	100
1449 R32	3460 R32	60	1458	3505	105
1450 R32	3465 R32	65	1459	3510	110
1451 R32	3470 R32	70			

PARAFUSO ESPONJOSO Ø 6,5 (ROSCA TOTAL)
Cancellous Screw



REF. Titânio Titanium	REF. INOX Stainless Steel	COMPR. mm Length	REF. Titânio Titanium	REF. INOX Stainless Steel	COMPR. mm Length
1460	3296/01	30	1466	3296/07	60
1461	/02	35	1467	/08	65
1462	/03	40	1468	/09	70
1463	/04	45	1469	/10	75
1464	/05	50	1470	/11	80
1465	/06	55			



1840 MODELADOR DE PLACAS
Plate Countersink

2062 MEDIDOR PARAFUSO GRANDES FRAGMENTOS
Depth Gauge

2066 RETORCEDOR
Bending

2075 CHAVE SEXTAVADA 3,5
Hex Head Screw Driver

2076 FRESA DE GRANDES FRAGMENTOS 8mm
Counter Sink

PINÇA AUTO CENTRANTE
Self Centering Forceps
 REF. COMPR.
 2101 240mm
 2102 260MM

2240 CORTADOR DUPLA AÇÃO *OPCIONAL
End Cutting Nipper

2241 CORTADOR SEGURA E CORTA* OPCIONAL
Need Nose Plier And Cutter

2372 PINÇA DE FIXAÇÃO ÓSSEA 220mm
Bone Holding Forceps



ORTOSINTESE



1825	GUIA DE BROCA Ø4,5 E Ø3,5mm <i>Drill Guide</i>
1826	GUIA DE BROCA Ø 6,5 X 3,2mm <i>Drill Guide</i>
1827	CHAVE SEXTAVADA COM ENGATE RÁPIDO <i>Wrench With Quick Coupling</i>
1828	BROCA Ø3,2 X 196mm <i>Drill</i>
1829	BROCA Ø4,5 X 221mm <i>Drill</i>
1830	BROCA Ø4,3mm COM ENGATE RÁPIDO <i>Drill</i>
1831	FRESA MACHO CORTICAL Ø 4,5 mm <i>Cortical Reamer</i>
1832	FRESA MACHO ESPONJOSO Ø 6,5 mm <i>Cancellous Reamer</i>

1833	GUIA PARAFUSO DE EXTRAÇÃO <i>Guide Extraction Screw</i>
1834	FIO GUIA Ø 2,0 X 280 mm <i>Wire Guide</i>
1835	CABO T <i>"T" Handle</i>
1836	GUIA DE BROCA <i>Drill Guide</i>
1837	GUIA DE BROCA Ø 4,5 / Ø 4,3 mm <i>Drill Guide</i>
1838	GUIA DE BROCA Ø 4,3mm <i>Drill Guide</i>
1839	GUIA DO FIO Ø 2,0mm <i>Guide</i>
2076	ESCARIADOR <i>Counter Sink Reamer</i>

4106



4003



4202



Inox

Stainless Steel
ISO 5832-1
ASTM F.138

- Para uso com Parafuso Cortical de 4,5 mm e Parafuso Esponjoso de 6,5 mm.
- For use with 4,5 mm Cortical Screw and 6,5 mm Cancellous Screw

PLACA ESTREITA
Straight Plate

REF.	FUROS Holes	COMPR. mm Length
4003/01	03	54
/02	04	70
/03	05	86
/04	06	102
/05	07	118
/06	08	133
/07	09	149
/08	10	165
/09	12	197
/10	14	229
/11	16	260

PLACA LARGA
Broad Plate

REF.	FUROS Holes	COMPR. mm Length
4106/01	06	102
/02	07	118
/03	08	133
/04	09	149
/05	10	165
/06	12	197
/07	14	229
/08	16	260

PLACA SEMI TUBULAR 1/2 TUBO
Semi Tubular 1/2 Tube Plate

REF.	FUROS Holes	COMPR. mm Length
4202/01	02	39
/02	03	55
/03	04	71
/04	05	87
/05	06	103
/06	07	119
/07	08	135
/08	09	151
/09	10	167
/10	11	183
/11	12	199



ORTOSINTESE

INSTRUMENTAL PARA PLACA E PARAFUSO *Plate And Screw Instruments*



2062 MEDIDOR P/ PARAFUSO GRANDES FRAGMENTOS
Gauge for Large Fragments Screw

2063 FRESA MACHO Ø 4,5 mm
Reamer

2064 FRESA MACHO Ø 6,5 mm
Reamer

2066 MODELADOR (PAR)
Bending (pair)

2067 AFASTADOR E COMPRESSOR GRANDE
Large Compressor and Distractor

2068 MODELADOR DE PLACAS
Plate Modeler

2069 GUIA DE BROCA Ø 3,2 mm
Drill Guide

2070 GUIA DE BROCA Ø 4,5 mm
Drill Guide

2071 GUIA DE PERFURAÇÃO
Drilling Guide

2072 BROCA Ø 3,2 X 150 mm
Stainless Steel Drill

2073 BROCA Ø 4,5 X 150 mm
Stainless Steel Drill

2074 GUIA DE BROCA Ø 3,2 mm
Drill Guide

2075 CHAVE SEXTAVADA Ø 3,5 mm
Hex Head Screw Driver

2076 ESCARIADOR
Counter Sink Reamer

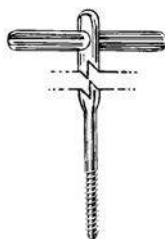
2077 CLAMP COMPRESSOR
Tension Device

2078 GUIA DE PERFURAÇÃO
Drill Guide

2079 CHAVE PARA COMPRESSOR
Socket Wrench

2097 CHAVE COMPRESSORA
Compression Wrench

2180 GUIA DE BROCA Ø 3,2 mm
Long Drill Guide



PARAFUSO	BROCA	FRESA	CHAVE
CORTICAL			
Cortical			
A Ø EXTERNO 4,5 mm <i>External 4,5 mm</i>	Ø 3,2 mm REF. 2072	REF. 2063	REF. 2075
B Ø INTERNO 3,0 mm <i>Internal 3,0 mm</i>			
MALEOLAR			
Maleolar			
A Ø EXTERNO 4,5 mm <i>External 4,5 mm</i>	Ø 3,2 mm REF. 2072	REF. 2063	REF. 2075
B Ø INTERNO 3,0 mm <i>Internal 3,0 mm</i>			
ESPONJOSO			
Cancellous			
A Ø EXTERNO 6,5 mm <i>External 6,5 mm</i>	Ø 3,2 mm REF. 2072	REF. 2064	REF. 2075
B Ø INTERNO 3,0 mm <i>Internal 3,0 mm</i>			
ESPONJOSO			
Cancellous			
A Ø EXTERNO 4,0 mm <i>External 4,0 mm</i>	Ø 2,0 mm REF. 2084/02	REF. 2095/02	REF. 2108/02
B Ø INTERNO 1,9 mm <i>Internal 1,9 mm</i>			
ESPONJOSO			
Cancellous			
A Ø EXTERNO 3,5 mm <i>External 3,5 mm</i>	Ø 2,0 mm REF. 2084/02	REF. 2095/01	REF. 2108/02
B Ø INTERNO 1,9 mm <i>Internal 1,9 mm</i>			
CORTICAL			
Cortical			
A Ø EXTERNO 3,5 mm <i>External 3,5 mm</i>	Ø 2,5 mm REF. 2084/03	REF. 2094/03	REF. 2108/02
B Ø INTERNO 2,4 mm <i>Internal 2,4 mm</i>			



ORTOSINTESE

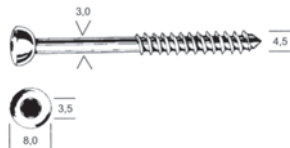
**PARAFUSO
Screw**

Inox
Stainless Steel
ISO 5832-1
ASTM F.138

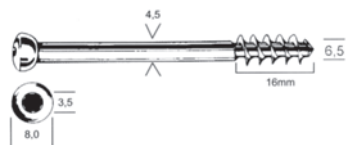
PARAFUSO CORTICAL Ø 4,5 mm
Cortical Screw

	REF.	COMPR. mm Length	REF.	COMPR. mm Length	REF.	COMPR. mm Length
	3014	14	3034	34	3054	54
	3016	16	3036	36	3056	56
	3018	18	3038	38	3058	58
	3020	20	3040	40	3060	60
	3022	22	3042	42	3062	62
	3024	24	3044	44	3064	64
	3026	26	3046	46	3066	66
	3028	28	3048	48	3068	68
	3030	30	3050	50	3070	70
	3032	32	3052	52		

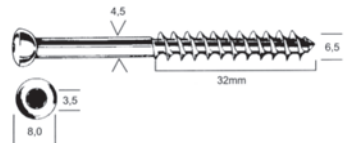
PARAFUSO MALEOLAR Ø 4,5 mm
Malleolar Screw

	REF.	COMPR. mm Length	REF.	COMPR. mm Length
	3125	25	3150	50
	3130	30	3155	55
	3135	35	3160	60
	3140	40	3165	65
	3145	45	3170	70

PARAFUSO ESPONJOSO Ø 6,5 (R 16 mm)
Cancellous Screw

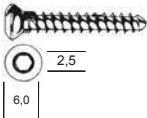
	REF.	COMPR. mm Length	REF.	COMPR. mm Length
	3225	25	3270	70
	3230	30	3275	75
	3235	35	3280	80
	3240	40	3285	85
	3245	45	3290	90
	3250	50	3295	95
	3255	55	3300	100
	3260	60	3305	105
	3265	65	3310	110

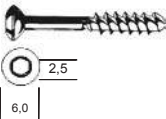
PARAFUSO ESPONJOSO Ø 6,5 (R 32 mm)
Cancellous Screw

	REF.	COMPR. mm Length	REF.	COMPR. mm Length
	3430	30	3470	70
	3435	35	3475	75
	3440	40	3480	80
	3445	45	3485	85
	3450	50	3490	90
	3455	55	3495	95
	3460	60	3500	100
	3465	65	3505	105
			3510	110

PARAFUSO ESPONJOSO Ø 6,5 (ROSCA TOTAL)
Cancellous Screw

	REF.	COMPR. mm Length	REF.	COMPR. mm Length
	3296/01	30	3296/07	60
	/02	35	/08	65
	/03	40	/09	70
	/04	45	/10	75
	/05	50	/11	80
	/06	55		

PARAFUSO CORTICAL Ø 3,5 mm Cortical Screw	REF.	COMPR. mm Length	REF.	COMPR. mm Length	REF.	COMPR. mm Length
	3078	10	3086	26	3093/01	40
	3079	12	3087	28	3093/02	42
	3080	14	3088	30	3093/03	44
	3081	16	3089	32	3093/04	45
	3082	18	3090	34	3093/05	46
	3083	20	3091	36	3093/06	48
	3084	22	3092	38	3093/07	50
	3085	24			3093/08	55

PARAFUSO ESPONJOSO Ø 4 mm Cancellous Screw	REF.	COMPR. mm Length	REF.	COMPR. mm Length	REF.	COMPR. mm Length
	3180	10	3185	20	3190	30
	3181	12	3186	22	3191	35
	3182	14	3187	24	3192	40
	3183	16	3188	26	3193	45
	3184	18	3189	28	3194	50

PARAFUSO ESPONJOSO Ø 4 mm (ROSCA TOTAL)
Cancellous Screw

REF.	COMPR. mm Length	REF.	COMPR. mm Length
3342	10	3349	24
3343	12	3350	26
3344	14	3351	28
3345	16	3352	30
3346	18	3353	35
3347	20	3354	40
3348	22		

Inox
Stainless Steel
ISO 5832-1
ASTM F.138



ARRUELA PARA PARAFUSO
Washer for Screw

	Cortical Ø	Esponjoso Cancellous Ø
4727/01	-	6,5
/02	-	4,0
/03	4,5	-
/04	3,5	-
/05	2,7	-



ORTOSINTESE

PLACA DISTAL DE FÊMUR MIPLATE Miplate Femoral Distal Plate

Titânio
Titanium
Ti 6AL 4v eli
ISO 5832-3

Inox
Stainless Steel
ISO 5832-1
ASTM



7027

6659
6660



PARAFUSO AUTORROSQUEANTE Ø 5 mm
Cortical Screw Self Tapping

REF. Titânio	REF. Inox	
Titanium	Stainless Steel	Ø mm
1473	6682	5,0 x 18
1474	6683	5,0 x 20
1475	6684	5,0 x 22
1476	6685	5,0 x 24
1477	6686	5,0 x 26
1478	6687	5,0 x 28
1479	6688	5,0 x 30
1480	6689	5,0 x 32
1481	6690	5,0 x 34
1482	6691	5,0 x 36
1483	6692	5,0 x 38
1484	6693	5,0 x 40
1485	6694	5,0 x 42
1486	6695	5,0 x 44
1487	6696	5,0 x 46
1488	6697	5,0 x 48
1489	6698	5,0 x 50
1490	6699	5,0 x 55
1491	6700	5,0 x 60
1492	6701	5,0 x 65
1493	6702	5,0 x 70
1494	6703	5,0 x 75
1495	6704	5,0 x 80
1496	6705	5,0 x 85
1497	6706	5,0 x 90

7027/01	GUIA EXTERNO DE FURAÇÃO DIREITO EM ALUMÍNIO Right External Perforator Guide- Aluminium
7027/02	GUIA EXTERNO DE FURAÇÃO ESQUERDO EM ALUMÍNIO Left External Perforator Guide - Aluminium
7027/03	GUIA EXTERNO DE FURAÇÃO DIREITO EM FIBRA DE CARBONO Right Perforator Guide- Carbon Fiber
7027/04	GUIA EXTERNO DE FURAÇÃO ESQUERDO EM FIBRA DE CARBONO Left Perforator Guide- Carbon Fiber

PLACA DISTAL FEMORAL DIREITA
Right Distal Femoral Plate

REF. Titânio	REF. Inox	Furos
Titanium	Stainless Steel	Holes
6659/01	6680/01	4
/02	/02	6
/03	/03	8
/04	/04	10
/05	/05	12

PLACA DISTAL FEMORAL ESQUERDA
Left Distal Femoral Plate

REF. Titânio	REF. Inox	Furos
Titanium	Stainless Steel	Holes
6660/01	6681/01	4
/02	/02	6
/03	/03	8
/04	/04	10
/05	/05	12



PARAFUSO CORTICAL AUTORROSQUEANTE Ø 4,5 mm
Cortical Screw Self Tapping

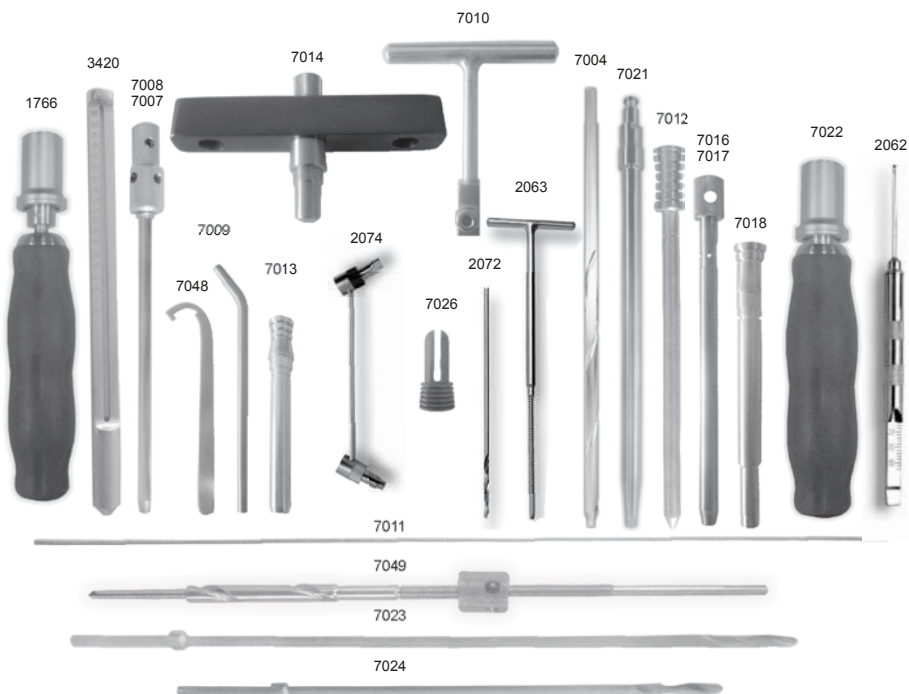
PARAFUSO CORTICAL AUTORROSQUEANTE
COM BLOQUEIO Ø 5,0 mm
Cortical Screw Self Tapping

REF. Titânio	REF. Inox	
Titanium	Stainless Steel	Ø mm
1535	6320	5,0 x 24
1537	6322	5,0 x 28
1538	6323	5,0 x 30
1539	6324	5,0 x 32
1541	6326	5,0 x 36
1543	6328	5,0 x 40
1545	6330	5,0 x 44

REF. Titânio	REF. Inox		REF. Titânio	REF. Inox	
Titanium	Stainless Steel	Ømm	Titanium	Stainless Steel	Ømm
1502	6344	4,5 x 18	1511	6353	4,5 x 36
1503	6345	4,5 x 20	1512	6354	4,5 x 38
1504	6346	4,5 x 22	1513	6355	4,5 x 40
1505	6347	4,5 x 24	1514	6356	4,5 x 42
1506	6348	4,5 x 26	1515	6357	4,5 x 44
1507	6349	4,5 x 28	1516	6358	4,5 x 46
1508	6350	4,5 x 30	1517	6359	4,5 x 48
1509	6351	4,5 x 32	1518	6360	4,5 x 50
1510	6352	4,5 x 34			

INSTRUMENTAL PARA PLACA DISTAL DE FÊMUR MIPLATE

Miplate Femoral Distal Plate Instruments



1766	TORQUÍMETRO 3,5 Nm P/ SISTEMA LCP GRANDES FRAGMENTOS <i>Torque Wrench for Large Fragments System LCP</i>
2062	MEDIDOR DE PARAFUSO GRANDES FRAGMENTOS <i>Gauge for Screw</i>
2063	FRESA MACHO 4,5 mm <i>Reamer</i>
2072	BROCA 3,2 X 150 mm <i>Drill</i>
2074	GUIA DE BROCA Ø 3,2 mm <i>Drill Guide</i>
3420	MEDIDOR 180 mm <i>Gauge</i>
7004	CHAVE SEXTAVADA 3,5 mm-LONGA COM STOP <i>Long Hexagonal Wrench With Stop</i>
7007	GUIA Ø 4,5 MM COM ROSCA <i>Guide with thread Ø 4,5 mm</i>
7008	GUIA Ø 2,5 MM COM ROSCA <i>Guide with thread Ø 2,5 mm</i>
7009	CHAVE CURVA <i>Curved Wrench</i>
7010	CHAVE EM T COM ENGATE RÁPIDO <i>T Wrench With Quick Coupling</i>
7011	FIO C/ ROSCA NA PONTA Ø 2,0 mm x 350 mm <i>Threaded Wire With Treaded end</i>

7012	PUNÇÃO Ø 7,4 MM <i>Puncture Ø 7,4 mm</i>
7013	GUIA CANULADO Ø 7,5 (CURTO) <i>Cannulated Guide Ø 7,5 (Short)</i>
7014	TRAVE POSICIONADORA <i>Positioning Bar</i>
7016	GUIA CANULADO Ø 2,5 com rosca <i>Cannulated Guide Ø 2,5 with thread</i>
7017	GUIA CANULADO Ø 4,5 com rosca <i>Cannulated Guide Ø 4,5 with thread</i>
7018	GUIA CANULADO Ø 7,5 (LONGO) <i>Cannulated Guide Ø 7,5 (Long)</i>
7021	CHAVE SEXTAVADA 3,5 MM <i>Hexagonal Wrench</i>
7022	CABO AXIAL COM ENGATE RÁPIDO <i>Axial Cable with Fast Assembly</i>
7023	BROCA Ø 4,3 MM X 290 MM <i>Drill</i>
7024	BROCA Ø 4,3 MM X 215 MM <i>Drill</i>
7026	TAMPÃO <i>Plug</i>
7048	CHAVE UNHA DE GATO <i>Wrench</i>
7049	GUIA DE REDUÇÃO <i>Reduction Guide</i>



ORTOSINTESE

PLACA PROXIMAL DE TIBIA MIPLATE *Miplate Proximal Tibia Plate*

Titânio
Titanium
Ti 6AL 4v eli
ISO 5832-3



PARAFUSO CORTICAL AUTO-ROSQUEANTE Ø 4,5mm *Self-Tapping Cortical Screw*

REF.	Ø mm
<i>Titanium</i>	
1502	4,5 x 18
1503	4,5 x 20
1504	4,5 x 22
1505	4,5 x 24
1506	4,5 x 26
1507	4,5 x 28
1508	4,5 x 30
1509	4,5 x 31
1510	4,5 x 34
1511	4,5 x 36
1512	4,5 x 38
1513	4,5 x 40
1514	4,5 x 42
1515	4,5 x 44
1516	4,5 x 46
1517	4,5 x 48
1518	4,5 x 50

PLACA PROXIMAL TIBIAL DIREITA *Right Proximal Tibial Plate*

REF.	Furos
<i>Titanium</i>	<i>Holes</i>
6657/01	4
/02	6
/03	8
/04	10
/05	12

PLACA PROXIMAL TIBIAL ESQUERDA *Left Proximal Tibial Plate*

REF.	Furos
<i>Titanium</i>	<i>Holes</i>
6658/01	4
/02	6
/03	8
/04	10
/05	12

PARAFUSO AUTO-ROSQUEANTE Ø 5,0mm *Self-Tapping Screw*

REF.	Ø mm
<i>Titanium</i>	
1473	5,0 x 18
1477	5,0 x 20
1484	5,0 x 22
1490	5,0 x 24
1492	5,0 x 26
1494	5,0 x 28
1496	5,0 x 30

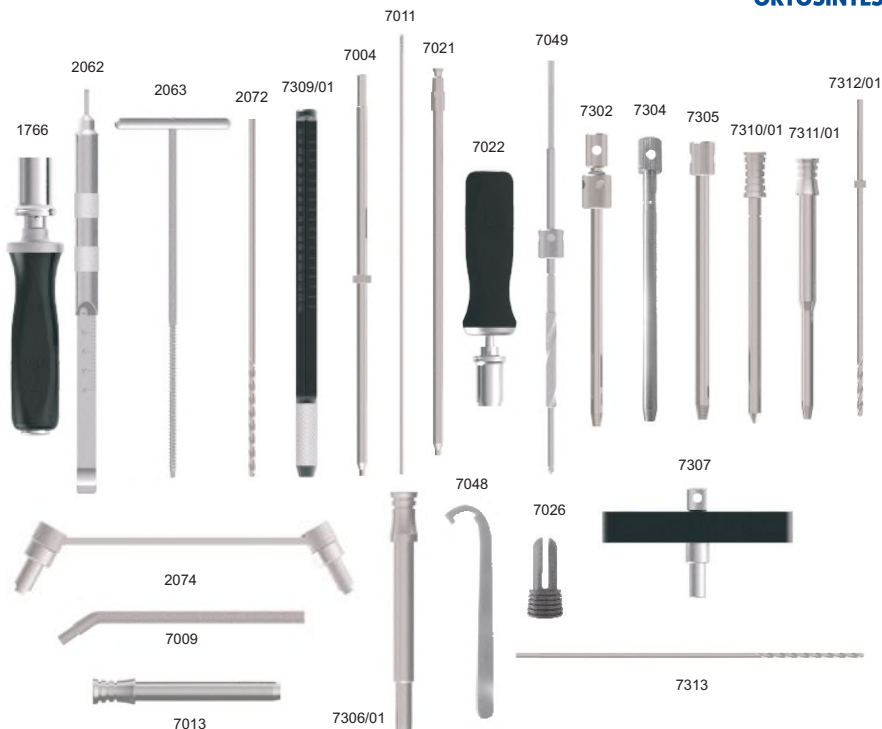
PARAFUSO PERIPROTÉTICO Ø 5,0mm *Periprotetic Screw*

REF.	Ø mm
<i>Titanium</i>	
1529/01	5,0 x 14
/02	5,0 x 16
/03	5,0 x 18
/04	5,0 x 20

PARAFUSO CORTICAL AUTO-ROSQUEANTE C/ BLOQUEIO Ø 5,0mm *Self-Tapping Screw*

REF.	Ø mm
<i>Titanium</i>	
1535	5,0 x 24
1537	5,0 x 28
1538	5,0 x 30
1539	5,0 x 32
1541	5,0 x 36
1543	5,0 x 40
1545	5,0 x 44

INSTRUMENTAL PARA PLACA PROXIMAL DE TIBIA MIPLATE *Miplate Femoral Distal Plate Instruments*



1766	TORQUÍMETRO 3,5 Nm P/ SISTEMA LCP GRANDES FRAGMENTOS <i>Torque Wrench for Large Fragments System LCP</i>
2062	MEDIDOR DE PARAFUSO GRANDES FRAGMENTOS <i>Gauge for Screw</i>
2063	FRESA MACHO Ø 4,5mm <i>Reamer</i>
2072	BROCA Ø 3,2 X 150mm <i>Drill</i>
2074	GUIA DE BROCA Ø 3,2mm <i>Drill Guide</i>
7309/01	MEDIDOR 180mm <i>Gauge</i>
7004	CHAVE SEXTAVADA LONGA COM STOP <i>Long Hexagonal Wrench With Stop</i>
7302	GUIA Ø 4,5mm COM ROSCA <i>Guide with thread Ø 4,5mm</i>
7304	GUIA Ø 2,5 MM COM ROSCA <i>Guide with thread Ø 2,5mm</i>
7009	CHAVE CURVA <i>Curved Wrench</i>
7307	TRAVE POSICIONADORA <i>Position Lock</i>
7011	FIO C/ ROSCA NA PONTA Ø 2,0mm x 350mm <i>Threaded Wire With Treaded end</i>

7310/01	PUNÇÃO Ø 7,4mm <i>Puncture Ø 7,4mm</i>
7013	GUIA CANULADO Ø 7,5 (CURTO) <i>Cannulated Guide (Short)</i>
7305	GUIA CANULADO Ø 2,5 C/ ROSCA <i>Cannulated Guide Ø 2,5 With Thread</i>
7306/01	GUIA CANULADO Ø 2,5 C/ ROSCA <i>Cannulated Guide Ø 2,5 With Thread</i>
7311/01	GUIA CANULADO Ø 7,5mm (CURTO) <i>Cannulated Guide</i>
7021	CHAVE SEXTAVADA 3,5mm <i>Hexagonal Wrench</i>
7022	CABO AXIAL COM ENGATE RÁPIDO <i>Axial Cable with Fast Assembly</i>
7312/01	BROCA C/ STOP Ø 4,3mm X 290mm <i>Drill With Stop</i>
7313	BROCA Ø 4,3mm X 215mm <i>Drill</i>
7026	TAMPÃO <i>Plug</i>
7048	CHAVE UNHA DE GATO <i>Wrench</i>
7049	GUIA DE REDUÇÃO <i>Reduction Guide</i>



ORTOSINTESE

PLACAS DE MINI E MICRO FRAGMENTOS COM BLOQUEIO *Mini and Micro Fragments Locked Plate*

Placas
Titânio
Titanium
ISO 5832-2
ASTM F. 67

Parafusos
Titânio
Titanium Ti 6Al 7Nb
ISO 5832-11
ASTM F.1295



PARAFUSO BLOQUEADO *Locking Screw*

REF	
5140/01	6mm
/02	7mm
/03	8mm
/04	9mm
/05	10mm
/06	11mm
/07	12mm
/08	13mm
/09	14mm
/10	15mm
/11	16mm
/12	18mm
/13	20mm
/14	22mm
/15	24mm
/16	26mm

PARAFUSO CORTICAL *Cortical Screw*

REF	
5144/01	6mm
/02	7mm
/03	8mm
/04	9mm
/05	10mm
/06	11mm
/07	12mm
/08	13mm
/09	14mm
/10	15mm
/11	16mm
/12	18mm
/13	20mm
/14	22mm
/15	24mm
/16	26mm

SISTEMA 1,5mm *1,5 System*

5100/01	PLACA EM "T" BLOQUEADA 3 x 8 <i>T Locking Plate 3x8</i>
5100/02	PLACA EM "T" BLOQUEADA 4 x 8 <i>T Locking Plate 4x8</i>
5101/01	PLACA EM "Y" BLOQUEADA 3 x 8 <i>Y Locking Plate 3x8</i>
5101/02	PLACA EM "Y" BLOQUEADA 4 x 8 <i>Y Locking Plate 4x8</i>
5102/01	PLACA BLOQUEADA 06 FUROS <i>Locking Plate 6 Holes</i>
5102/02	PLACA BLOQUEADA 08 FUROS <i>Locking Plate 8 Holes</i>
5102/03	PLACA BLOQUEADA 10 FUROS <i>Locking Plate 10 Holes</i>
5102/04	PLACA BLOQUEADA 12 FUROS <i>Locking Plate 12 Holes</i>
5103/01	PLACA "H" BLOQ. DIR. 8FUROS <i>H Locking Plate 8 Holes Right</i>
5103/02	PLACA "H" BLOQ. ESQ. 8FUROS <i>H Locking Plate 8 Holes Left</i>
5104/01	PLACA CONDILAR BLOQ. DIR. 8 FUROS <i>Condylar Locking Plate 8 Holes Right</i>
5104/02	PLACA CONDILAR BLOQ. ESQ. 8 FUROS <i>Condylar Locking Plate 8 Holes Left</i>

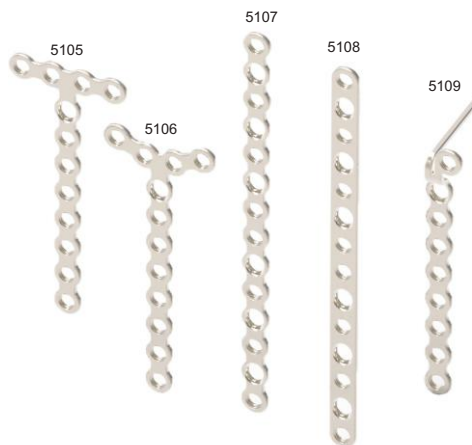
PLACAS DE MINI E MICRO FRAGMENTOS COM BLOQUEIO

Mini and Micro Fragments Locked Plate



Placas
Titânio
Titanium
ISO 5832-2
ASTM F. 67

Parafusos
Titânio
TitaniumTi 6Al 7Nb
ISO 5832-11
ASTM F.1295



PARAFUSO BLOQUEADO Locking Screw

REF.		REF	
5141/01	6mm	5145/01	6mm
/02	7mm	/02	7mm
/03	8mm	/03	8mm
/04	9mm	/04	9mm
/05	10mm	/05	10mm
/06	11mm	/06	11mm
/07	12mm	/07	12mm
/08	13mm	/08	13mm
/09	14mm	/09	14mm
/10	16mm	/10	16mm
/11	18mm	/11	18mm
/12	20mm	/12	20mm
/13	22mm	/13	22mm
/14	24mm	/14	24mm
/15	26mm	/15	26mm
/16	28mm	/16	28mm
/17	30mm	/17	30mm
/18	32mm	/18	32mm
/19	34mm	/19	34mm
/20	36mm	/20	36mm
/21	38mm	/21	38mm
/22	40mm	/22	40mm

PARAFUSO CORTICAL Cortical Screw

SISTEMA 2,0mm
2,0 System

5105/01	PLACA EM "T" BLOQUEADA 3 x 8 T Locking Plate 3x8
5105/02	PLACA EM "T" BLOQUEADA 4 x 8 T Locking Plate 4x8
5106/01	PLACA EM "Y" BLOQUEADA 3 x 8 Y Locking Plate 3x8
5106/02	PLACA EM "Y" BLOQUEADA 4 x 8 Y Locking Plate 4x8
5107/01	PLACA BLOQUEADA 06 FUROS Locking Plate 6 Holes
5107/02	PLACA BLOQUEADA 08 FUROS Locking Plate 8 Holes
5107/03	PLACA BLOQUEADA 10 FUROS Locking Plate 10 Holes
5107/04	PLACA BLOQUEADA 12 FUROS Locking Plate 12 Holes
5107/05	PLACA BLOQUEADA 14 FUROS Locking Plate 14 Holes
5108/01	PLACA PEQ. FRAG.BLOQUEADA 06 FUROS Small Fragments Locking Plate 6 Holes
5108/02	PLACA PEQ. FRAG.BLOQUEADA 08 FUROS Small Fragments Locking Plate 8 Holes
5108/03	PLACA PEQ. FRAG.BLOQUEADA 10 FUROS Small Fragments Locking Plate 10 Holes
5108/04	PLACA PEQ. FRAG.BLOQUEADA 12 FUROS Small Fragments Locking Plate 12 Holes
5108/05	PLACA PEQ. FRAG.BLOQUEADA 14 FUROS Small Fragments Locking Plate 14 Holes
5109/01	PLACA CONDILAR BLOQ. DIR. 8 FUROS Condylar Locking Plate 8 Holes Right
5109/02	PLACA CONDILAR BLOQ. ESQ. 8 FUROS Condylar Locking Plate 8 Holes Left

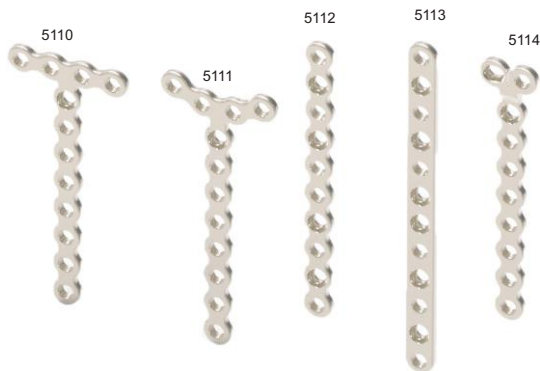


ORTOSINTESE

PLACAS DE MINI E MICRO FRAGMENTOS COM BLOQUEIO *Mini and Micro Fragments Locked Plate*

Placas
Titânio
Titanium
ISO 5832-2
ASTM F. 67

Parafusos
Titânio
Titanium Ti 6Al 7Nb
ISO 5832-11
ASTM F.1295



SISTEMA 2,4mm *2,4 System*

PARAFUSO BLOQUEADO <i>Locking Screw</i>		PARAFUSO CORTICAL <i>Cortical Screw</i>	
REF.:		REF.:	
5142/01	6mm	5146/01	6mm
/02	7mm	/02	7mm
/03	8mm	/03	8mm
/04	9mm	/04	9mm
/05	10mm	/05	10mm
/06	11mm	/06	11mm
/07	12mm	/07	12mm
/08	13mm	/08	13mm
/09	14mm	/09	14mm
/10	16mm	/10	16mm
/11	18mm	/11	18mm
/12	20mm	/12	20mm
/13	22mm	/13	22mm
/14	24mm	/14	24mm
/15	26mm	/15	26mm
/16	28mm	/16	28mm
/17	30mm	/17	30mm
/18	32mm	/18	32mm
/19	34mm	/19	34mm
/20	36mm	/20	36mm
/21	38mm	/21	38mm
/22	40mm	/22	40mm

5110/01	PLACA EM "T" BLOQUEADA 3 x 8 <i>T Locking Plate 3x8</i>
5110/02	PLACA EM "T" BLOQUEADA 4 x 8 <i>T Locking Plate 4x8</i>
5111/01	PLACA EM "Y" BLOQUEADA 3 x 8 <i>Y Locking Plate 3x8</i>
5111/02	PLACA EM "Y" BLOQUEADA 4 x 8 <i>Y Locking Plate 4x8</i>
5112/01	PLACA BLOQUEADA 06 FUROS <i>Locking Plate 6 Holes</i>
5112/02	PLACA BLOQUEADA 08 FUROS <i>Locking Plate 8 Holes</i>
5112/03	PLACA BLOQUEADA 10 FUROS <i>Locking Plate 10 Holes</i>
5112/04	PLACA BLOQUEADA 12 FUROS <i>Locking Plate 12 Holes</i>
5113/01	PLACA PEQ. FRAG.BLOQUEADA 06 FUROS <i>Small Fragments Locking Plate 6 Holes</i>
5113/02	PLACA PEQ. FRAG.BLOQUEADA 08 FUROS <i>Small Fragments Locking Plate 8 Holes</i>
5113/03	PLACA PEQ. FRAG.BLOQUEADA 10 FUROS <i>Small Fragments Locking Plate 10 Holes</i>
5113/04	PLACA PEQ. FRAG.BLOQUEADA 12 FUROS <i>Small Fragments Locking Plate 12 Holes</i>
5114/01	PLACA CONDILAR BLOQUEADA DIR. 8 FUROS <i>Condylar Locking Plate 8 Holes Right</i>
5114/02	PLACA CONDILAR BLOQUEADA ESQ. 8 FUROS <i>Condylar Locking Plate 8 Holes Left</i>

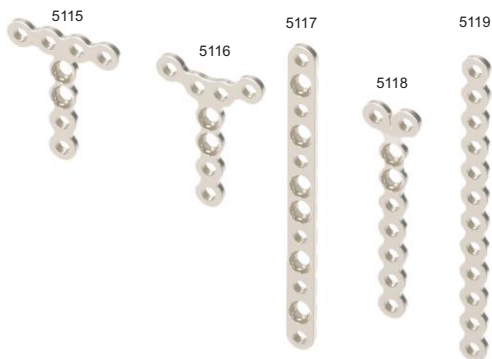
PLACAS DE MINI E MICRO FRAGMENTOS COM BLOQUEIO

Mini and Micro Fragments Locked Plate



Placas
Titânio
Titanium
ISO 5832-2
ASTM F. 67

Parafusos
Titânio
TitaniumTi 6Al 7Nb
ISO 5832-11
ASTM F.1295



SISTEMA 2,7mm
2,7 System

PARAFUSO BLOQUEADO Locking Screw		PARAFUSO CORTICAL Cortical Screw	
REF.:		REF.:	
5143/01	10mm	5147/01	10mm
/02	12mm	/02	12mm
/03	14mm	/03	14mm
/04	16mm	/04	16mm
/05	18mm	/05	18mm
/06	20mm	/06	20mm
/07	22mm	/07	22mm
/08	24mm	/08	24mm
/09	26mm	/09	26mm
/10	28mm	/10	28mm
/11	30mm	/11	30mm
/12	32mm	/12	32mm
/13	34mm	/13	34mm
/14	36mm	/14	36mm
/15	38mm	/15	38mm
/16	40mm	/16	40mm

5115/01	PLACA EM "T" BLOQUEADA 4 x 3 T Locking Plate 4x3
5115/02	PLACA EM "T" BLOQUEADA 4 x 4 T Locking Plate 4x4
5116/01	PLACA EM "Y" BLOQUEADA 4 x 3 Y Locking Plate 4x3
5116/02	PLACA EM "Y" BLOQUEADA 4 x 4 Y Locking Plate 4x4
5117/01	PLACA PEQ. FRAG.BLOQUEADA 04 FUROS Small Fragments Locking Plate 4 Holes
5117/02	PLACA PEQ. FRAG.BLOQUEADA 05 FUROS Small Fragments Locking Plate 5 Holes
5117/03	PLACA PEQ. FRAG.BLOQUEADA 06 FUROS Small Fragments Locking Plate 6 Holes
5117/04	PLACA PEQ. FRAG.BLOQUEADA 07 FUROS Small Fragments Locking Plate 7 Holes
5117/05	PLACA PEQ. FRAG.BLOQUEADA 08 FUROS Small Fragments Locking Plate 8 Holes
5117/06	PLACA PEQ. FRAG.BLOQUEADA 09 FUROS Small Fragments Locking Plate 9 Holes
5117/07	PLACA PEQ. FRAG.BLOQUEADA 10 FUROS Small Fragments Locking Plate 10 Holes
5117/08	PLACA PEQ. FRAG.BLOQUEADA 12 FUROS Small Fragments Locking Plate 12 Holes
5118/01	PLACA CONDILAR BLOQ 8 FUROS Condylar Locking Plate 8 Holes
5119/01	PLACA BLOQUEADA 08 FUROS Locking Plate 8 Holes
5119/02	PLACA BLOQUEADA 10 FUROS Locking Plate 10 Holes
5119/03	PLACA BLOQUEADA 12 FUROS Locking Plate 12 Holes



ORTOSINTESE

INSTRUMENTAL PARA PLACAS DE MINI E MICRO FRAGMENTOS *Mini and Micro Fragments Plate Instruments*



1631	MEDIDOR DE PROFUNDIDADE <i>Depth Gauge</i>
1711	MEDIDOR DE PROFUNDIDADE <i>Depth Gauge</i>
1715	FIO COM PONTA ROSQUEADA Ø 1,5 X 150MM <i>Wire threaded end</i>
1718/01	TORQUÍMETRO 0,4NM <i>Torquimeter</i>
1718/02	TORQUÍMETRO 0,8NM <i>Torquimeter</i>
1729	AFASTADOR DE GANCHO <i>Hook Retractor</i>
1804	TORQUÍMETRO 0,12NM <i>Torquimeter</i>
1856	MODELADOR DE PLACA <i>Plate Bending</i>
1858	PINÇA CLÍNICA COM TRAVA <i>Locked Clinical Forceps</i>
1998/02	ESCAREADOR Ø 3,5 <i>Countersink</i>
1998/03	ESCAREADOR Ø 5,0 <i>Countersink</i>
2081/01	AFASTADOR DE HOHMANN DE 6MM <i>Hohmann Retractor</i>
2081/02	AFASTADOR DE HOHMANN DE 8MM <i>Hohmann Retractor</i>
2084/02	BROCA Ø 2,0 X 150 MM <i>Drill</i>
2084/30	BROCA Ø 1,2 X 150 MM <i>Drill</i>
2084/31	BROCA Ø 1,4 X 150 MM <i>Drill</i>
2084/32	BROCA Ø 1,7 X 150 MM <i>Drill</i>
2106	PINÇA DE REDUÇÃO COM PONTAS 130MM <i>Reduction Forceps with Points</i>
2356/01	RELEVADOR PERIOSTEAL KEY 3MM <i>Relevador Periosteal Key</i>

2394	ALICATE MD BABY <i>Mini Pliers</i>
2395/01	GUIA DE BROCA Ø 1,2 MM <i>Drill Guide</i>
2395/02	GUIA DE BROCA Ø 1,4 MM <i>Drill Guide</i>
2395/03	GUIA DE BROCA Ø 1,7 MM <i>Drill Guide</i>
2395/04	GUIA DE BROCA Ø 2,0 MM <i>Drill Guide</i>
2395/05	GUIA DE BROCA CENTRO/EXCÊNTRICO <i>Drill Guide</i>
2396/01	GUIA DE BROCA ROSCADO Ø 1,2 MM <i>Threaded Drill Guide</i>
2396/02	GUIA DE BROCA ROSCADO Ø 1,4 MM <i>Threaded Drill Guide</i>
2396/03	GUIA DE BROCA ROSCADO Ø 1,7 MM <i>Threaded Drill Guide</i>
2396/04	GUIA DE BROCA ROSCADO Ø 2,0 MM <i>Threaded Drill Guide</i>
2397/01	CHAVE HEXALOBULAR T4 <i>Hexalobular Key</i>
2397/02	CHAVE HEXALOBULAR T6 <i>Hexalobular Key</i>
2397/03	CHAVE HEXALOBULAR T8 <i>Hexalobular Key</i>
2398	MODELADOR DE PLACA <i>Plate Bending</i>
4663/02	FIO DE KIRSCHNER Ø 1,0 X 150MM <i>Kirschner Wire</i>

PLACAS DE PEQUENOS FRAGMENTOS BLOQUEADAS
Small Fragments Locking Plates



Inox

Stainless Steel

ISO 5832-1

ASTM F.138

Inox

Stainless Steel

ISO 5832-1

ASTM F.138

Titânio

Titanium

Ti 6Al 4V Eli

ISO 5832-2

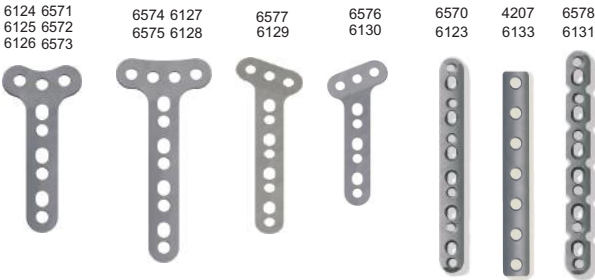
ASTM F. 136

Titânio

Titanium

ISO 5832-2

ASTM F. 67



PLACA DCP PEQ. FRAGMENTOS

Small Fragments DCP Plate

Titânio	AÇO INOX	FUROS
Titanium	Stainless Steel	Holes
6123/01	6570/01	4
/02	/02	5
/03	/03	6
/04	/04	7
/05	/05	8
/06	/06	9
/07	/07	10
/08	/08	11
/09	/09	12
/10	/10	14

PLACA EM "T"

"T" Plate

Titânio	AÇO INOX	FUROS
Titanium	Stainless Steel	Holes
6124	6571	3 x 3
6125	6572	3 x 5
6126	6573	3 x 7

Titânio	AÇO INOX	FUROS
Titanium	Stainless Steel	Holes
6127	6574	4 x 4
6128	6575	4 x 6

PLACA EM "T" OBLÍQUA DIREITA

Oblique "T" Plate (Right)

Titânio	AÇO INOX	FUROS
Titanium	Stainless Steel	Holes
6130/01	6576/01	3 x 3
/02	/02	3 x 4
/03	/03	3 x 5
/04	/04	3 x 7

PLACA EM "T" OBLÍQUA ESQUERDA

Oblique "T" Plate (Left)

Titânio	AÇO INOX	FUROS
Titanium	Stainless Steel	Holes
6129/01	6577/01	3 x 3
/02	/02	3 x 4
/03	/03	3 x 5
/04	/04	3 x 7

PLACA DE RECONSTRUÇÃO

Reconstruction Plate

Titânio	AÇO INOX	FUROS
Titanium	Stainless Steel	Holes
6131/01	6578/01	4
/02	/02	5
/03	/03	6
/04	/04	7
/05	/05	8
/06	/06	10
/07	/07	12

PLACA 1/3 TUBULAR

Tubular 1/3 Plate

Titânio	AÇO INOX	FUROS
Titanium	Stainless Steel	Holes
6133/01	4207/01	2
/02	/02	3
/03	/03	4
/04	/04	5
/05	/05	6
/06	/06	7
/07	/07	8
/08	/08	9
/09	/09	10
/10	/10	11
/11	/11	12



ORTOSINTESE

PLACAS DE MEMBROS INFERIORES Lower Limbs Plates

Inox
Stainless Steel
ISO 5832-1
ASTM F.138

Inox
Stainless Steel
ISO 5832-1
ASTM F.139

Titânio
Titanium
Ti 6Al 4V Eli
ISO 5832-3
ASTM F. 136

Titânio
Titanium
ISO 5832-2
ASTM F. 67



PLACA PARA CALCANEIO
Calcaneum Plate (Titanium)

DIREITA(Right)	TAM. Size
4400/01	S
4400/02	M
4400/03	L
4400/04	XL
ESQUERDA (Left)	TAM. Size
4401/01	S
4401/02	M
4401/03	L
4401/04	XL



PLACA PARA CALCANEIO
Calcaneum Plate

ESQUERDA (Left)	FUROS	COMP.
	Holes	Length
Titânio	Inox	
4403/01	4402/01	14 60
4403/03	4402/03	14 70
DIREITA(Right)	FUROS	COMP.
	Holes	Length
Titânio	Inox	
4403/02	4402/02	14 60
4403/04	4402/04	14 70

6180
6181



PLACA PARA FÍBULA
Fibula Plate (Titanium)

REF.	REF	FUROS
Direita/Right	Esquerda/Left	Holes
6180/01	6181/01	5
/02	/02	7
/03	/03	9

6800
6801



PLACA DISTAL DE TÍBIA ESQUERDA
Left Tibial Distal Plate

AÇO INOX	COMPR. mm	FUROS
Stainless Steel	Length	Holes
6800/01	126 mm	4
/02	158 mm	6
/03	191 mm	8
/04	223 mm	10

6802
6803



PLACA PARA PILÃO TIBIAL
Pilon Tibial Plate

AÇO INOX	Titânio	COMPR. mm	FUROS
Stainless Steel	Titanium	Length	Holes
6802/01	6803/01	151	6
/02	6803/02	183	8

6182
6183



PLACA DISTAL MEDIAL DE TÍBIA
Distal Medial Tibial Plate (Titanium)

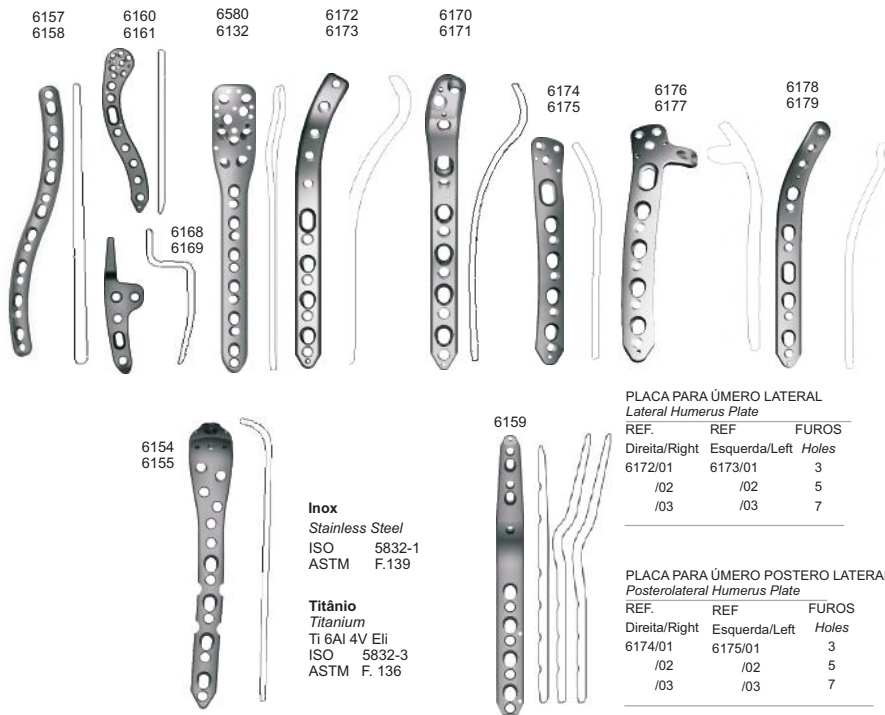
REF.	REF	FUROS
Direita/Right	Esquerda/Left	Holes
6182/01	6183/01	4
/02	/02	6
/03	/03	8
/04	/04	10

PLACA DISTAL DE TÍBIA DIREITA
Right Tibial Distal Plate

AÇO INOX	COMPR. mm	FUROS
Stainless Steel	Length	Holes
6801/01	126 mm	4
/02	158 mm	6
/03	191 mm	8
/04	223 mm	10

PLACAS DE MEMBROS SUPERIORES

Upper Limbs Plate



PLACA OLÉCRANO

Olecranon Plate

REF.	REF	FUROS
Direita/Right	Esquerda/Left	Holes
6154/01	6155/01	2
/02	/02	3
/03	/03	4
/04	/04	5
/05	/05	6
/06	/06	7

PLACA PARA CLAVÍCULA DISTAL

Distal Clavicle Plate

REF.	REF	FUROS
Direita/Right	Esquerda/Left	Holes
6160/01	6161/01	4
/02	/02	5
/03	/03	6
/04	/04	7
/05	/05	8

PLACA PARA ÚMERO MEDIAL

Medial Humerus Plate

REF.	REF	FUROS
Direita/Right	Esquerda/Left	Holes
6170/01	6171/01	3
/02	/02	5
/03	/03	7

PLACA PARA ÚMERO POSTERO LATERAL C/ GANCHO

Posterolateral Humerus Plate with Hook

REF.	REF	FUROS
Direita/Right	Esquerda/Left	Holes
6176/01	6177/01	3
/02	/02	5
/03	/03	7

PLACA PARA CLAVÍCULA

Clavicle Plate

REF.	REF	FUROS
Direita/Right	Esquerda/Left	Holes
6157/01	6158/01	4
/02	/02	6
/03	/03	8

PLACA PARA CLAVÍCULA HOOK

Clavicle Hook Plate

REF.	REF	PROFUNDIDADE GANCHO
Direita/Right	Esquerda/Left	Depth Hook
6168/01	6169/01	12
/02	/02	15
/03	/03	18

PLACA PARA ÚMERO ANTERO MEDIAL

Anteromedial Humerus Plate

REF.	REF	FUROS
Direita/Right	Esquerda/Left	Holes
6178/01	6179/01	3
/02	/02	5
/03	/03	7

PLACA DE PUNHO

Wrist Plate

REF.	CURVATURA
	Curvature
6159/01	longa/long
/02	curta/ Short
/03	reta/Straight

PLACA SPIN

Spin Plate

Titânio	FUROS	COMP./mm	ÁÇO INOX	FUROS	COMP./mm
Titanium	Holes	Length	Stainless Steel	Holes	Length
6132/01	3	94	6580/01	3	94
/02	5	124	/02	5	124
/03	6	139	/03	6	139
/04	8	169	/04	8	169
/05	9	184	/05	10	199
/06	10	199	/06	12	229
/07	12	229			



PARAFUSOS DE PEQUENOS FRAGMENTOS PARA PLACA BLOQUEADA

Small Fragments Locking Screw

ORTOSINTESE

PARAFUSO CORTICAL Ø 2,7mm
Self Tapping Cortical Screw

	REF. Titânio <i>Titanium</i>	REF. INOX <i>Stainless Steel</i>	COMPR. <i>Length</i>
	1340	4209/01	10
	1341	/02	12
	1342	/03	14
	1343	/04	16
	1344	/05	18
	1345	/06	20
	1346	/07	22
	1347	/08	24
	1348	/09	26
	1349	/10	28
	1350	/11	30
	1351	/12	32
	1352	/13	34
	1353	/14	36
	1354	/15	38
	1355	/16	40
	1356	/17	45
	1357	/18	50
	1358	/19	55

PARAFUSO CORTICAL AUTO ROSQUEANTE Ø 3,5mm
Self Tapping Cortical Screw

	REF. Titânio <i>Titanium</i>	REF. INOX <i>Stainless Steel</i>	COMPR. <i>Length</i>
	1361	4210/01	10
	1362	/02	12
	1363	/03	14
	1364	/04	16
	1365	/05	18
	1366	/06	20
	1367	/07	22
	1368	/08	24
	1369	/09	26
	1370	/10	28
	1371	/11	30
	1372	/12	32
	1373	/13	34
	1374	/14	36
	1375	/15	38
	1376	/16	40
	1377	/17	45
	1378	/18	50
	1379	/19	55
	1380	/20	60

Inox
Stainless Steel
ISO 5832-1
ASTM F.138

Titânio
Titanium
Ti 6AL 4v Eli
ISO 5832-3
ASTM F.136

PARAFUSO CORTICAL ROSCA PARCIAL Ø 3,5mm
Partial Thread Cortical Screw

	REF. Titânio <i>Titanium</i>	REF. INOX <i>Stainless Steel</i>	COMPR. <i>Length</i>
	1381	4211/01	16
	1382	/02	18
	1383	/03	20
	1384	/04	22
	1385	/05	24
	1386	/06	26
	1387	/07	28
	1388	/08	30
	1389	/09	32
	1390	/10	34
	1391	/11	36
	1392	/12	38

PARAFUSO CORTICAL C/ CABEÇA ROSQUEADA Ø 3,5mm
Cortical Screw Self Tapping With Blocking

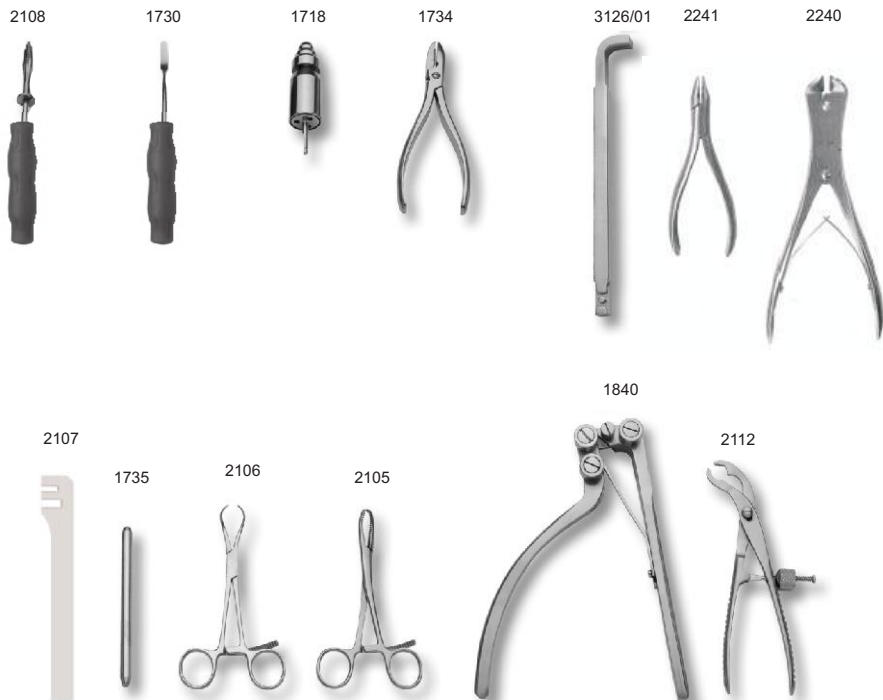
	REF. Titânio <i>Titanium</i>	REF. INOX <i>Stainless Steel</i>	COMPR. <i>Length</i>
	1400	4991	10
	1401	4992	12
	1402	4993	14
	1403	4994	16
	1404	4995	18
	1405	4996	20
	1406	4997	22
	1407	4998	24
	1408	4999	26
	1409	5000	28
	1410	5004	30
	1411	5005	32
	1412	5006	34
	1413	5007	36
	1414	5008	38
	1415	5009	40
		5010	42
		5011	45
		5012	50
		5013	55
		5014	60
		5015	65
		5016	70
		5017	75
		5018	80
		5019	85
		5020	90

PARAFUSO ESPONJOSO COM ROSCA PARCIAL Ø 4mm
Cancellous Screw

	REF. Titânio <i>Titanium</i>	REF. INOX <i>Stainless Steel</i>	COMPR. <i>Length</i>
	1300	3180	10
	1301	3181	12
	1302	3182	14
	1303	3183	16
	1304	3184	18
	1305	3185	20
	1306	3186	22
	1307	3187	24
	1308	3188	26
	1309	3189	28
	1310	3190	30
	1311	3191	35
	1312	3192	40
	1313	3193	45
	1314	3194	50

PARAFUSO ESPONJOSO Ø 4mm (ROSCA TOTAL)
Cancellous Screw

	REF. Titânio <i>Titanium</i>	REF. INOX <i>Stainless Steel</i>	COMPR. <i>Length</i>
	1320	3342	10
	1321	3343	12
	1322	3344	14
	1323	3345	16
	1324	3346	18
	1325	3347	20
	1326	3348	22
	1327	3349	24
	1328	3350	26
	1329	3351	28
	1330	3352	30
	1331	3353	35
	1335	3354	40
	1336	3355	45
	1337	3356	50
	1338	3358	55
	1339	3359	60



1718	TORQUÍMETRO 1,5 N <i>Torque Wrench</i>
1730	AFASTADOR DESCOLADOR <i>Retractor</i>
1734	CORTADOR MODELADOR DE FIOS <i>Cutter</i>
1735	ALINHADOR DE BROCA <i>Drill Aligner</i>
1840	MODELADOR E RETORCEDOR DE PLACA <i>Plate Countersink</i>
2105	PINÇA DE REDUÇÃO C/ PONTO Ø 140 mm <i>Reduction Forceps</i>
2106	PINÇA DE REDUÇÃO COM PONTAS 130 mm <i>Reduction Forceps With Point</i>
2107/01	MODELADOR DE PLACA <i>Bending Iron</i>

2107/02	MODELADOR DE PLACA <i>Bending Iron</i>
2108/04	CHAVE SEXTAVADA 2,5 <i>Hex Head Screw Drive</i>
2112	PINÇA AUTO CENTRANTE 160 mm <i>Self Antering Forceps</i>
2240	CORTADOR DUPLA AÇÃO *OPCIONAL <i>End Cutting Nipper</i>
2241	CORTADOR SEGURA E CORTA *OPCIONAL <i>Need Nose Plier And Cutter</i>
3126/01	MODELADOR <i>Bender</i>

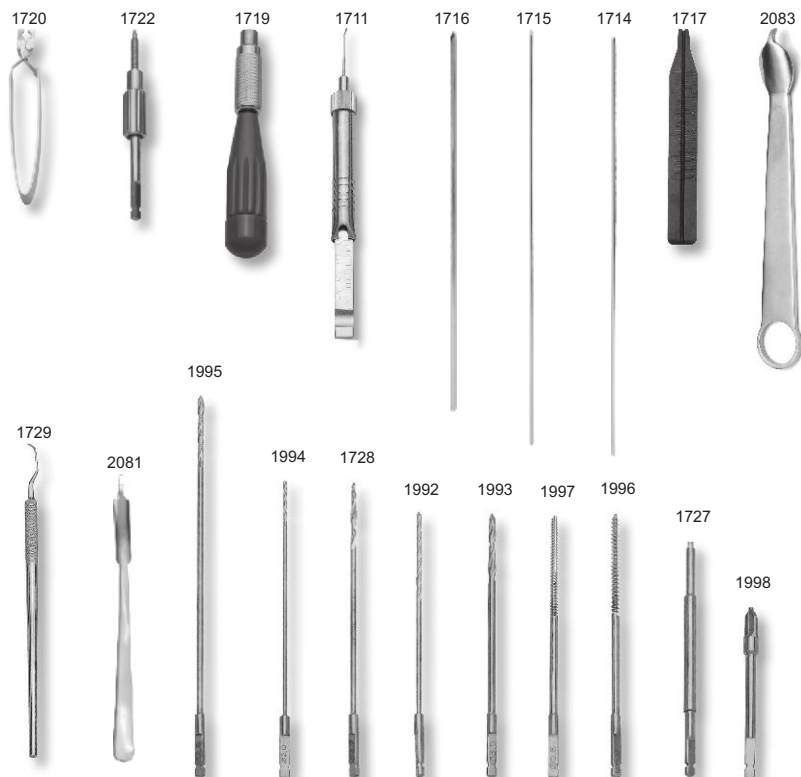


ORTOSINTESE

INSTRUMENTAL DE PEQUENOS FRAGMENTOS PARA PLACA BLOQUEADA *Small Fragments Locking Instruments*



1709	GUIA POSICIONADOR GRANDE <i>Positioner Guide Large</i>	1732	MEDIDOR DE PLACA MÉDIO <i>Plate Gauge Medium</i>
1710	GUIA POSICIONADOR PEQUENO <i>Positioner Guide Small</i>	1733	MEDIDOR DE PLACA GRANDE <i>Plate Gauge Large</i>
1712	GUIA DE FIO Ø 1,5 mm <i>Guide</i>	MÁSCARA PARA PLACA OLÉCRANO <i>Olecranon Plate Drill Guide</i> 1736/01 Direita / Right 1736/02 Esquerda/ Left	
1713	GUIA DE BROCA Ø 2,5 mm <i>Drill Guide</i>	1800	GUIA DE BROCA Ø 2,0 / 2,5 mm <i>Drill Guide</i>
1723	GUIA DE FIO Ø 1,5 mm <i>Guide</i>	1920	GUIA DE BROCA Ø 2,5 / 3,5 mm <i>Drill Guide</i>
1724	GUIA DE BROCA Ø 2,8 mm <i>Drill Guide</i>	1999	GUIA DE BROCA Ø 2,8 mm <i>Drill Guide</i>
1725	PROTECTOR <i>Protector</i>	2098	GUIA DE BROCA COM VISOR Ø 2,0 mm <i>Drill Guide</i>
1726	GUIA DE FURAÇÃO PARA PLACA ANGULADA SPIN <i>Spin Angular Plate Drilling Guide</i>	GUIA DE FURAÇÃO PARA CLAVÍCULA <i>Guide Clavicle Drilling</i> 6162/01 Esquerda/ Left 6162/02 Direita / Right	
1731	MEDIDOR DE PLACA PEQUENO <i>Plate Gauge Small</i>		



1711	MEDIDOR DE PROFUNDIDADE <i>Gauge</i>
1714	FIO LISO TROCATER Ø 2,0X150 mm <i>Wire Smooth</i>
1715	FIO COM PONTA ROSQUEADA Ø 1,5 mm x 150mm <i>Wire Threaded End</i>
1716	FIO Ø 1,25X150 mm <i>Wire</i>
1717	MEDIDOR <i>Gauge</i>
1719	CABO COM ENGATE RÁPIDO <i>Fast Connection Handle</i>
1720	PINÇA PARA PARAFUSO <i>Screw Forceps</i>
1722	GUÍA STOP P/ BROCA <i>Drill Guide with Stop</i>
1727	CHAVE SEXTAVADA 2,5 COM ENGATE RÁPIDO <i>Hexagonal Wrench With Quick Coupling</i>
1728	BROCA COM ENGATE RÁPIDO Ø 2,7mm <i>Drill</i>

1729	AFASTADOR DE GANCHO <i>Retractor</i>
1992	BROCA Ø 2,5 x 85 mm <i>Drill With Guide Coupling</i>
1993	BROCA C/ ENGATE RÁPIDO Ø 3,5 x 85 mm <i>Drill With Guide Coupling</i>
1994	BROCA C/ ENGATE RÁPIDO Ø 2,0 x 100 mm <i>Drill With Guide Coupling</i>
1995	BROCA C/ ENGATE RÁPIDO Ø 2,8 x 140 mm <i>Drill With Guide Coupling</i>
1996	FRESA MACHO Ø3,5 mm <i>Reamer</i>
1997	FRESA MACHO Ø4,0 mm <i>Reamer</i>
1998	ESCARIADOR <i>Reamer</i>
2081/01	AFASTADOR DE HOHMANN PONTA Ø 6,0 mm <i>Hohmann Retractor</i>
2083	AFASTADOR DE HOHMANN PONTA LARGA <i>Hohmann Retractor Large End</i>



ORTOSINTESE

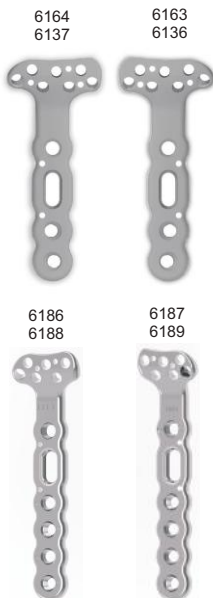
PLACA VOLFIX E PARAFUSO Volfix Plate and Screw

PLACA VOLFIX T OBLÍQUA ESQUERDA "T" Left Volfix Plate

REF. INOX	REF. Titânio	Furos
<i>Stainless Steel</i>	<i>Titanium</i>	<i>Holes</i>
6164/01	6137/01	3
/02	/02	4
/03	/03	6
/04	/04	8
/05	/05	10
/06	/06	12

PLACA VOLFIX T OBLÍQUA DIREITA "T" Right Volfix Plate

REF. INOX	REF. Titânio	Furos
<i>Stainless Steel</i>	<i>Titanium</i>	<i>Holes</i>
6163/01	6136/01	3
/02	/02	4
/03	/03	6
/04	/04	8
/05	/05	10
/06	/06	12



Titânio	Inox
<i>Titanium</i>	<i>Stainless Steel</i>
Ti 6Al 4V Eli	ISO 5832-3
ASTM F. 136	ASTM 5832-1 F.139

PLACA VOLFIX T OBLÍQUA P "T" Volfix Plate

REF. ESQUERDA	REF. DIREITA	Furos
<i>Titânio</i>	<i>Titânio</i>	<i>Holes</i>
6186/01	6187/01	3
/02	/02	4
/03	/03	6
/04	/04	8
/05	/05	10
/06	/06	12

PLACA VOLFIX T OBLÍQUA XP "T" Volfix Plate

REF. ESQUERDA	REF. DIREITA	Furos
<i>Titânio</i>	<i>Titânio</i>	<i>Holes</i>
6188/01	6189/01	3
/02	/02	4
/03	/03	6
/04	/04	8
/05	/05	10
/06	/06	12

PARAFUSO CORTICAL AUTO ROSQUEANTE Ø 3,5 mm Self Tapping Cortical Screw



REF. INOX	REF. TITÂNIO	COMPR.
<i>Stainless Steel</i>	<i>Titanium</i>	<i>Length</i>
4210/01	1361	10
/02	1362	12
/03	1363	14
/04	1364	16
/05	1365	18
/06	1366	20

PARAFUSO CORTICAL AUTO ROSQUEANTE DE BLOQUEIO Ø 3,5 mm Cortical Screw Self Tapping With Blocking



REF. INOX	REF. TITÂNIO	COMPR.
<i>Stainless Steel</i>	<i>Titanium</i>	<i>Length</i>
4991	1400	10
4992	1401	12
4993	1402	14
4994	1403	16
4995	1404	18
4996	1405	20

PARAFUSO VOLFIX Ø2,5 ROSCA TOTAL Volfix Screw- Total Thread



PARAFUSO VOLFIX Ø2,5 ROSCA PARCIAL Volfix Screw Partial Thread



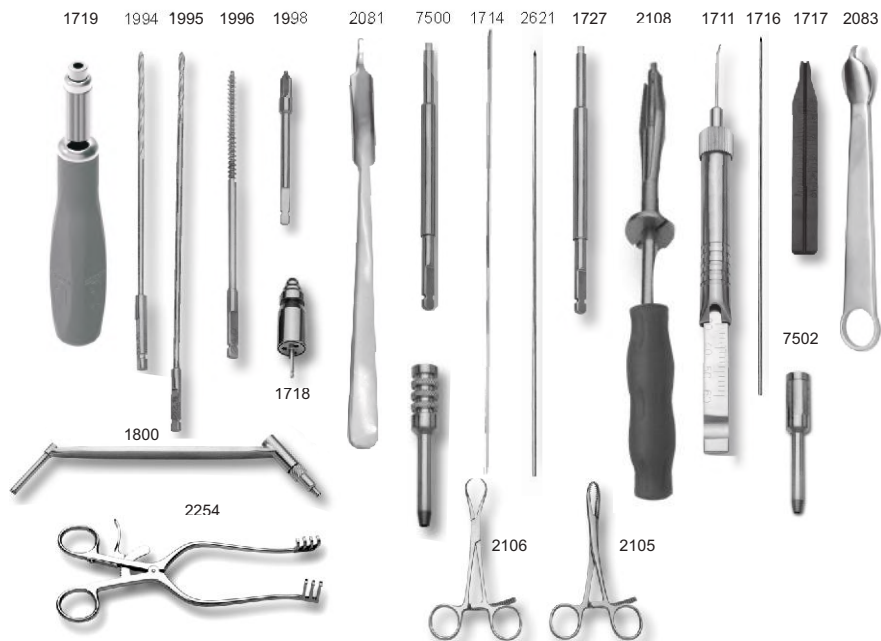
INOX	Titânio	INOX	Titânio
<i>Stainless Steel</i>	<i>Titanium</i>	<i>Stainless Steel</i>	<i>Titanium</i>
6165	6151	6166	6152
/01 12 mm	/01 12 mm	/01 12 mm	/01 12 mm
/02 14 mm	/02 14 mm	/02 14 mm	/02 14 mm
/03 16 mm	/03 16 mm	/03 16 mm	/03 16 mm
/04 18 mm	/04 18 mm	/04 18 mm	/04 18 mm
/05 20 mm	/05 20 mm	/05 20 mm	/05 20 mm
/06 22 mm	/06 22 mm	/06 22 mm	/06 22 mm
/07 24 mm	/07 24 mm	/07 24 mm	/07 24 mm
/08 26 mm	/08 26 mm	/08 26 mm	/08 26 mm
/09 28 mm	/09 28 mm	/09 28 mm	/09 28 mm
/10 30 mm	/10 30 mm	/10 30 mm	/10 30 mm

PINO Ø2 Peg



Inox	Titânio
<i>Stainless Steel</i>	<i>Titanium</i>
ISO 5832-1	Ti 6Al 4V Eli
ASTM F. 138	ISO 5832-3
	ASTM F. 136

REF. INOX	REF. Titânio	Tamanho
<i>Stainless Steel</i>	<i>Titanium</i>	<i>Size</i>
6167/01	6153/01	16 mm
/02	/02	18 mm
/03	/03	20 mm
/04	/04	22 mm
/05	/05	24 mm
/06	/06	26 mm
/07	/07	28 mm
/08	/08	30 mm



1711	MEDIDOR DE PROFUNDIDADE <i>Gauge</i>
1714	FIO LISO TROCATER Ø 2,0X150 mm <i>Smooth Wire</i>
1716	FIO GUIA Ø 1,25 x 150 mm <i>Wire</i>
1717	MEDIDOR <i>Gauge</i>
1718	TORQUÍMETRO 1,5 Nm <i>Torque Wrench</i>
1718/01	TORQUÍMETRO 0,8Nm <i>Torque Wrench</i>
1719	CABO COM ENGATE RÁPIDO <i>Fast Connection Handle</i>
1727	CHAVE SEXTAVADA 2,5 COM ENGATE RÁPIDO <i>Hexagonal Wrench with Fast Assembly</i>
1800	GUIA DE BROCA Ø 2,0 / 2,5 mm <i>Drill Guide</i>
1994	BROCA Ø 2,0 COM ENGATE RÁPIDO <i>Drill with Quick Coupling</i>
1995	BROCA Ø 2,8 COM ENGATE RÁPIDO <i>Drill with Quick Coupling</i>
1996	FRESA MACHO Ø 3,5 mm <i>Reamer</i>

1998	ESCARIADOR <i>Reamer</i>
1999	GUIA DE BROCA Ø 2,8 mm <i>Drill Guide</i>
2081/01	AFASTADOR DE HOHMANN Ø 6,0 mm <i>Hohmann Retractor</i>
2081/02	AFASTADOR DE HOHMANN Ø 8,0 mm <i>Hohmann Retractor</i>
2083	AFASTADOR DE HOLMANN LARGA <i>Holmann Retractor Large End</i>
2105	PINÇA DE REDUÇÃO COM PONTO 140 mm <i>Reduction Forceps</i>
2106	PINÇA DE REDUÇÃO COM PONTAS 130mm <i>Reduction Forceps With Point</i>
2108/04	CHAVE SEXTAVADA 2,5 <i>Hex Head Screwdriver</i>
2254/01	AFASTADOR ADSON 140 mm <i>Adson Retractor</i>
2621	FIO GUIA Ø1,2 X 150 mm PONTA ROSQUEADA <i>Wire Guide</i>
7500	CHAVE HEXAGONAL 2,0 mm <i>Hexagonal Wrench</i>
7502	GUIA DE BROCA Ø2,0 mm <i>Drill Guide</i>



ORTOSINTESE

PLACAS PEQUENOS FRAGMENTOS Plates Small Fragments



4420



4430



4446



4442



4443



4439



4438

Inox
Stainless Steel
ISO 5832-1
ASTM F.138

Inox
Stainless Steel
ISO 5832-1
ASTM F.139

PLACA "T" "T" Plate

REF.	FUROS Holes	COMPR. Length.
4438	4 + 4	56
4439	4 + 6	78
4442	3 + 3	50
4443	3 + 5	67

PLACA DE MÚLTIPLOS FRAGMENTOS Multiple Fragments Plate

REF.	FUROS Holes	COMPR. Length.
4446	7	45

• PARA USO COM PARAFUSO CORTICAL E ESPONJOSO DE 3,5 mm E PARAFUSO ESPONJOSO DE 4,0 mm

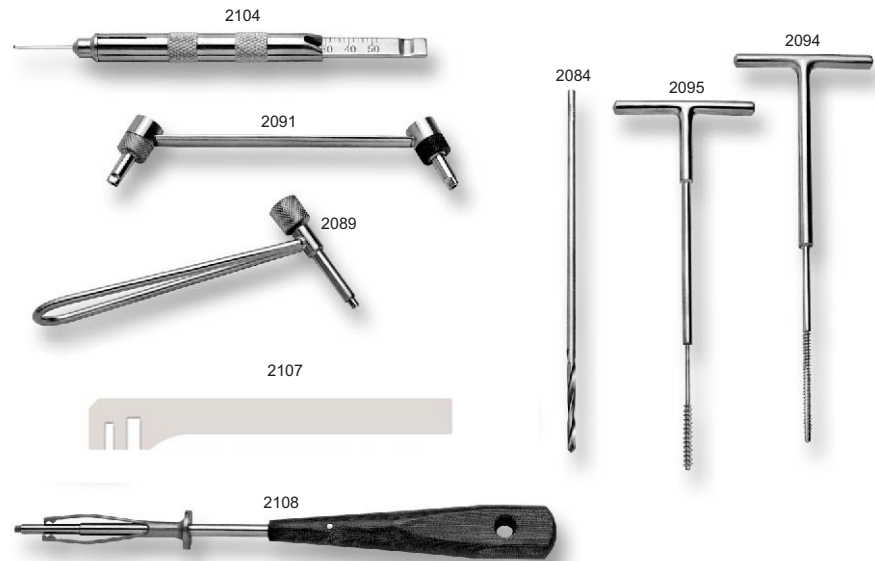
• For use With 3,5 mm Cortical and Cancellous Screw and 4,0 mm Cancellous Screw

PLACA AUTO - COMPRESSÃO Self - Compression Plate

REF.	FUROS Holes	COMPR. Length.
4420/01	2	25
/02	3	37
/03	4	49
/04	5	55
/05	6	73
/06	7	85
/07	8	79
/08	10	109
/09	12	121

PLACA DE 1/3 TUBO 1/3 Tube Plate

REF.	FUROS Holes	COMPR. Length.
4430/01	2	28
/02	3	40
/03	4	52
/04	5	64
/05	6	76
/06	7	88
/07	8	100
/08	9	112
/09	10	124



FRESA MACHO PARA PARAFUSO
Tap Reamer For Screw

REF.	Ø mm		
2094/03	3,5	CORTICAL	Cortical
2095/01	3,5	ESPONJOSO	Cancellous
/02	4,0	ESPONJOSO	Cancellous

GUIA DE BROCA
Drill Guide

REF.	Ø mm
2089/01	2,5
/02	3,5

BROCA DE AÇO INOX HASTE LONGA
Stainless Steel Long Stem Drill

REF.	Ø mm
2084/01	1,5
/02	2,0
/03	2,5
/04	3,5

2091	GUIA DE BROCA NEUTRO EXCÊNTRICO Excentric Drill Guide Neutral
2104	MEDIDOR PARA PARAFUSO Srew Gauge
2107/01	MODELADOR DE PLACA Bending Iron
2108/04	CHAVE SEXTAVADA 2,5 mm Hex Head Screwdriver
2108/05	PINÇA DA CHAVE SEXTAVADA Hexagonal Head Screw Driver Tweezer



ORTOSINTESE

PARAFUSO TRANSFISÁRIO *Diverging Screw*

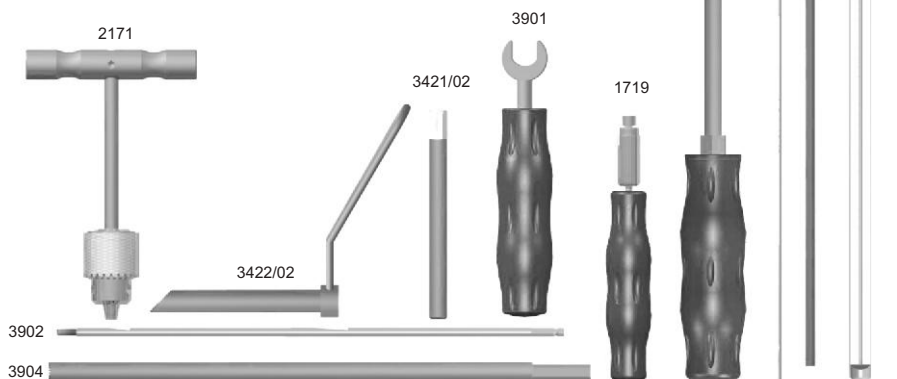
Inox
Stainless Steel
ISO 5832-1
ASTM F.138

3891



PARAFUSO TRANSFISÁRIO Diverging Screw

REF.	Ø mm
3891/01	7 x 50
/02	7 x 55
/03	7 x 60
/04	7 x 65
/05	7 x 70
/06	7 x 75
/07	7 x 80
/08	7 x 85
/09	7 x 90
/10	7 x 95
/11	7 x 100
/12	7 x 105
/13	7 x 110
/14	7 x 115
/15	7 x 120



1719 CABO COM ENGATE RÁPIDO
Quick Couplings Handle

2171 CHAVE "T" P/ INSERÇÃO E REMOÇÃO DE FIOS
"T" Wrench With Chuck

2609/02 BROCA CANULADA Ø 5,2X280 mm
Cannulated Drill

3420/02 MEDIDOR 300mm
Gauge

3421/02 GUIA DO FIO
Wire Guide

3422/02 GUIA DO MACHO
Tap Guide

3900 CHAVE SEXTAVADO INTERNO 6mm CANULADO
Cannulated inner hex head wrench

3901 ALAVANCA DE TORQUE
Torque lever

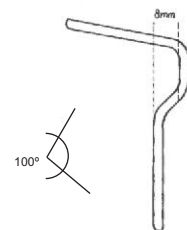
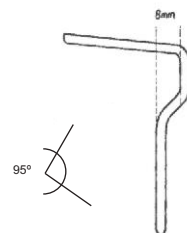
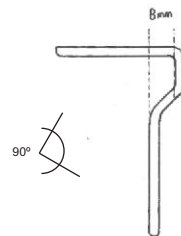
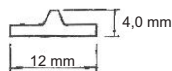
3902 HASTE DO FIXADOR DE PARAFUSO
Screw Fixer Rod

3904 TREFINA Ø 8,0 mm
Trephine

7011/02 FIO COM ROSCA NA PONTA Ø2X300 mm
Threaded Wire



Inox
Stainless Steel
ISO 5832-1
ASTM F.138



• Para uso com Parafuso Cortical de Ø 4,5 mm e Parafuso Esponjoso de Ø 6,5 mm.

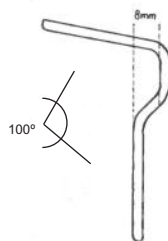
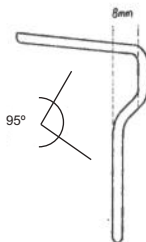
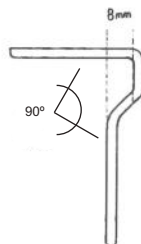
• For use with Ø 4,5 mm Cortical Screw and Ø 6,5 mm Cancellous Screw.

PLACA ANGULADA PARA OSTEOTOMIA
Angled Plate for Osteotomy

REF.	ANG.	PLACA Plate	LÂMINA Blade
4481/03	90°	52	25
/04	90°	52	32
/05	100°	52	25
/06	100°	52	32



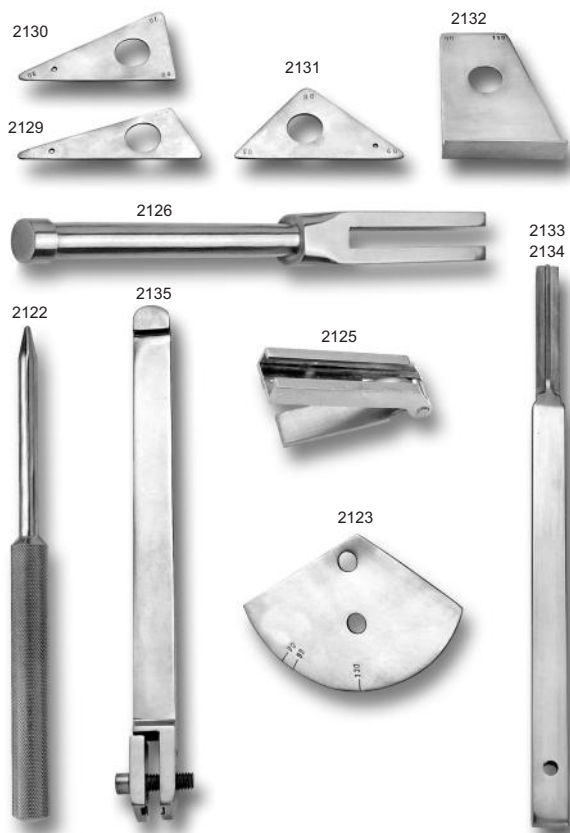
Inox
 Stainless Steel
 ISO 5832-1
 ASTM F.138



- Para uso com Parafuso Cortical de Ø3,5mm e Parafuso Esponjoso de Ø4mm
- For use With Ø3,5mm Cortex Screws and Ø4mm Cancellous Screws

PLACA ANGULADA PARA OSTEOTOMIA
Angled Plate For Osteotomy

REF.	ÂNGULO	LÂMINA	FUROS
	Angle	Blade	Holes
4482/02	90°	25	3
/03	90°	30	3
/04	90°	32	3
/05	90°	35	3
/06	90°	40	3
/25	90°	35	4
/26	90°	40	4
/27	90°	45	4
/28	90°	50	4
/64	90°	45	5
/63	90°	50	5



2122	IMPACTOR <i>Impactor</i>
2123	GUIA <i>Guide</i>
2125	GUIA <i>Guide</i>
2126	IMPACTOR PROPULSOR <i>Impactor</i>
2129	POSICIONADOR 20° - 60° - 100° <i>Positioning Guide</i>
2130	POSICIONADOR 30° - 70° - 80° <i>Positioning Guide</i>

2131	POSICIONADOR 40° - 50° - 90° <i>Positioning Guide</i>
2132	POSICIONADOR 70° - 90° - 110° <i>Positioning Guide</i>
2133	CINZEL PEQUENO PARA CRIANÇA <i>Small Chisel For Children</i>
2134	CINZEL MÉDIO PARA ADOLESCENTE <i>Medium Chisel For Adolescent</i>
2135/01	IMPACTOR EXTRATOR PARA PLACAS - CRIANÇA <i>Impactor Extractor For Plates - Children</i>
2135/02	IMPACTOR EXTRATOR PARA PLACAS - ADOLESCENTE <i>Impactor Extractor For Plates - Adolescent</i>

PLACA BLOQUEADA OSTEOLock PARA OSTEOTOMIA

Osteotomy Locking Plate



PLACA BLOQUEADA PARA OSTEOTOMIA PUDDU
Puddu Locking Plate for Osteotomy

REF.	FUROS <i>Holes</i>	COMP.mm <i>Length</i>
6028/01	2	61
/02	3	72
/03	4	83

Inox

Stainless Steel

ISO 5832-1

ASTM F.139



CALÇO
Wedge

REF.	Tamanho <i>Size</i>
6067/01	5 mm
/02	7,5 mm
/03	10 mm
/04	12,5 mm
/05	15 mm

Inox

Stainless Steel

ISO 5832-1

ASTM F.138



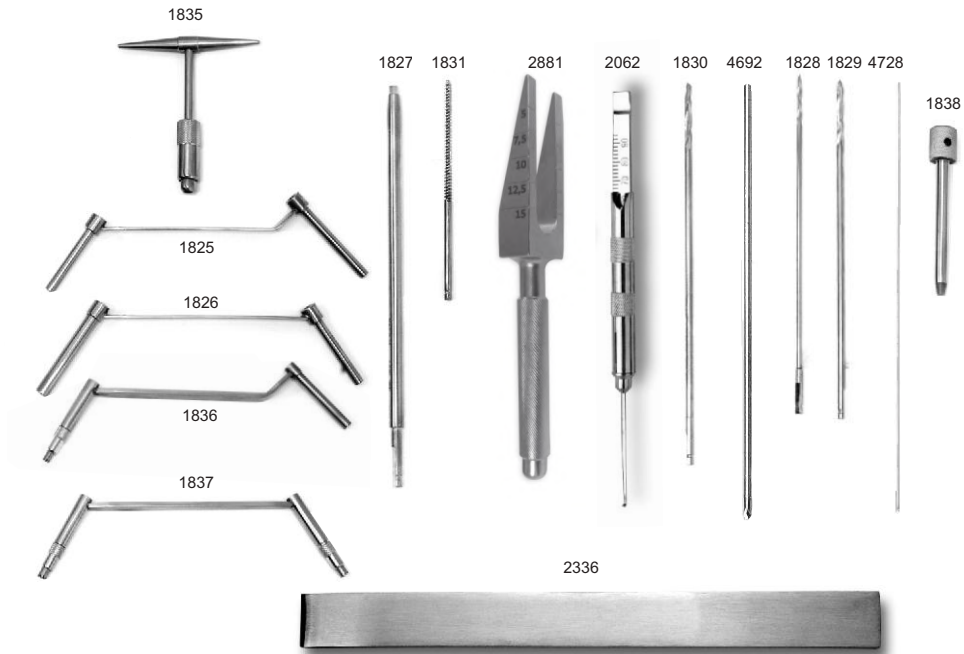
PARAFUSO CORTICAL AUTO-ROSQUEANTE Ø 4,5 mm
Cortical Screw Self Tapping

REF.INOX <i>Stainless Steel</i>	COMPR. <i>Length</i>	REF.INOX <i>Stainless Steel</i>	COMPR. <i>Length</i>
6345	20	6359	48
6346	22	6360	50
6347	24	6361	52
6348	26	6362	54
6349	28	6363	56
6350	30	6364	58
6351	32	6365	60
6352	34	6366	62
6353	36	6367	64
6354	38	6368	66
6355	40	6369	68
6356	42	6370	70
6357	44		
6358	46		



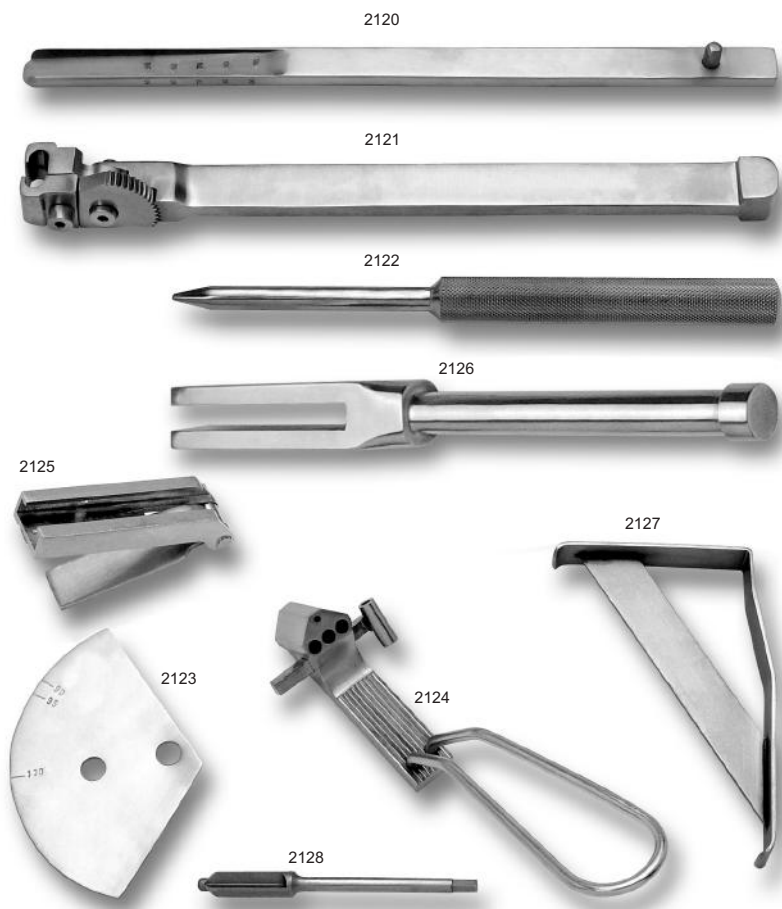
PARAFUSO CORTICAL AUTO-ROSQUEANTE COM BLOQUEIO Ø 5,0 mm
Cortical Screw Self Tapping

REF.INOX <i>Stainless Steel</i>	COMPR. <i>Length</i>	REF.INOX <i>Stainless Steel</i>	COMPR. <i>Length</i>
6318	20	6332	48
6319	22	6333	50
6320	24	6334	55
6321	26	6335	60
6322	28	6336	65
6323	30	6337	70
6324	32		
6325	34		
6326	36		
6327	38		
6328	40		
6329	42		
6330	44		
6331	46		



1825	GUIA DE BROCA Ø3,5 E Ø4,5mm <i>Drill Guide</i>
1826	MACHO Ø6,5 E BROCA Ø3,2mm <i>Tap and Drill</i>
1827	CHAVE SEXTAVADA COM ENGATE RÁPIDO <i>Wrench</i>
1828	BROCA Ø3,2 X 195mm <i>Drill</i>
1829	BROCA Ø4,5mm COM ENGATE RÁPIDO <i>Drill With Quick Coupling</i>
1830	BROCA Ø4,3 X 221mm <i>Drill</i>
1831	FRESA MACHO CORTICAL Ø 4,5 mm <i>Top Reamer</i>
1835	CABO T <i>"T" Handle</i>
1836	GUIA DE BROCA <i>Drill Guide</i>
1837	GUIA DE BROCA Ø4,3mm <i>Drill Guide</i>
1838	GUIA DE BROCA Ø4,3mm <i>Drill Guide</i>
2062	MEDIDOR DE PARAFUSO GRANDES FRAGMENTOS <i>Screw Gauge For Large Fragments</i>

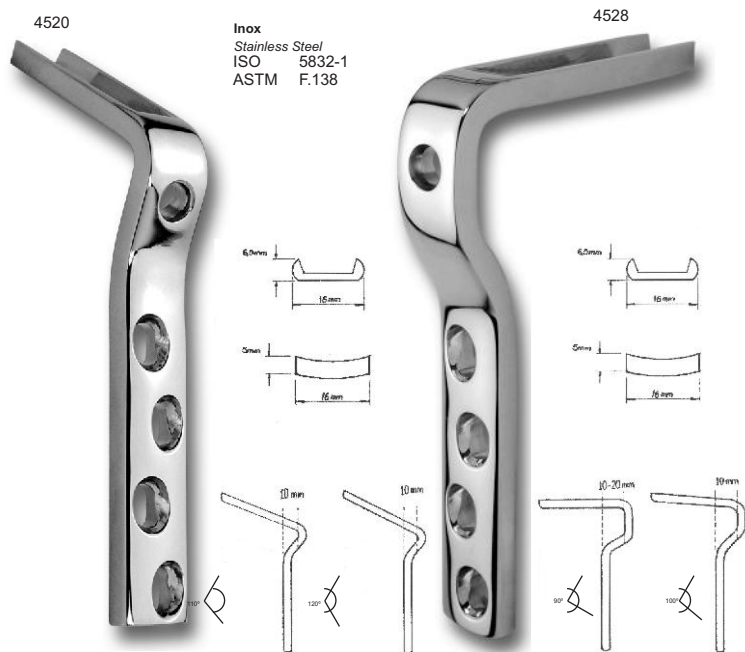
2881	CUNHA ESPAÇADORA Wedge Spacer		
4692	GUIA FIO Wire Guide		
OSTEÓTOMO LAMBOTTE FORMÃO TIPO FACA CURVO COMPR. 229 mm Lambotte Osteotome Curved Knife Type Length			
REF.	LARGURA Bredth		
2336/01	6,4		
/02	13,0		
/03	19,0		
/04	25,0		
/05	32,0		
/06	38,0		
FIO DE KIRSCHNER Kirschner Wire			
COMPR. 230 mm Length	COMPR. 300 mm Length		
REF.	Ø	REF.	Ø
4728/01	1,0	4728/04	1,0
/02	1,5	/05	1,5
/03	2,0	/06	2,0
/09	2,5	/10	2,5
LISO Plain		DIAMANTE Diamond	



2120	CINZEL INICIAL <i>Initial Osteotome</i>
2121	IMPACTOR EXTRATOR DE ANGULADOR <i>Impactor Extractor</i>
2122	IMPACTOR <i>Angulated Final Impactor</i>
2123	GUIA <i>Guide</i>
2124	GUIA TRÍPLICE <i>Triple Guide</i>

2125	GUIA <i>Chisel Guide</i>
2126	PROPULSOR DO IMPACTOR <i>Extractor Impactor</i>
2127	GUIA DA PLACA CONDILAR <i>Condylar Plate Guide</i>
2128	FRESA <i>Reamer</i>

PLACA ANGULADA PARA OSTEOTOMIA
Osteotomy Angled Plate



- PARA USO COM PARAFUSO CORTICAL DE 4,5 mm e PARAFUSO ESPONJOSO DE 6,5 mm.
- For use with 4,5 mm Cortical Screw and 6,5 mm

PLACA ANGULADA PARA OSTEOTOMIA
Angled Plate For Osteotomy

REF.	FUROS Holes	GRAUS Degree	LÂMINA Blade
4520/01	4	110°	65
/02	4	110°	75
/03	4	110°	85
/04	4	120°	65
/05	4	120°	75
/06	4	120°	85

PLACA ANGULADA PARA OSTEOTOMIA
Angled Plate For Osteotomy

REF.	FUROS Holes	GRAUS Degree	LÂMINA Blade
4528/01	4	90°	40
/02	4	90°	50
/03	4	90°	60
/04	4	100°	60



ORTOSINTESE

PLACA ANGULADA Angled Plate



Inox
Stainless Steel
ISO 5832-1
ASTM F.138

- PARA USO COM PARAFUSO CORTICAL DE 4,5 mm e PARAFUSO ESPONJOSO DE 6,5 mm
- For use With 4,5 mm Cortical Screw and 6,5 mm Cancellous Screw

PLACA ANGULADA PERTROCANTÉRICA 130° Pertrocanteric Angled Plate

REF.	FUROS Holes	PLACA Plate	LÂMINA Blade
4546/01	4	60	70
/02	4	60	80
/03	4	60	90
/04	6	104	60
/05	6	104	70
/06	6	104	80
/07	6	104	90
/08	9	150	60
/09	9	150	70
/10	9	150	80
/11	9	150	90
/12	12	200	60
/13	12	200	70
/14	12	200	80
/15	12	200	90

PLACA ANGULADA CONDILAR 95° Condylar Angled Plate

REF.	FUROS Holes	PLACA Plate	LÂMINA Blade
4534/01	5	90	60
/02	5	90	70
/03	5	90	80
/04	7	120	60
/05	7	120	70
/06	7	120	80
/07	9	150	60
/08	9	150	70
/09	9	150	80
/10	12	200	60
/11	12	200	70
/12	12	200	80

PLACA TUBO MINUS MINIMAMENTE INVASIVA

Minimal Invasive Tube Plate - Minus



Inox

Stainless Steel
ISO 5832-1
ASTM F.138

4916



PARAFUSO DESLIZANTE ROSCA CURTA

Sliding Screw

REF.	Ø mm
4916/01	50
/02	55
/03	60
/04	65
/05	70
/06	75
/07	80
/08	85
/09	90
/10	95
/11	100
/12	105
/13	110
/14	115
/15	120

4912



Inox

Stainless Steel
ISO 5832-1
ASTM F.138

PLACA MINUS CANO CURTO

Minus Plate

REF.	FUROS Holes
4912/01	3



Inox

Stainless Steel
ISO 5832-1
ASTM F.138

PARAFUSO CORTICAL AUTO ROSQUEANTE Ø 4,5mm

Cortical Screw Self Tapped

REF.	COMPR. Length	REF.	COMPR. Length
6349	28	6355	40
6350	30	6356	42
6351	32	6357	44
6352	34	6358	46
6353	36	6359	48
6354	38	6360	50



ORTOSINTESE

INSTRUMENTAL MINUS *Minus Instrument*



2209	IMPACTOR DE PLACA <i>Plate Impactor</i>	2794	GUIA APARAFUSADO DA PLACA <i>Guide</i>
2214	GUIA 135° <i>Guide</i>	2795	GUIA PROTETOR DA BROCA <i>Guide</i>
2546/01	MEDIDOR EXTRA LONGO <i>Extra Large Depth Gauge</i>	2796	GUIA PLACA <i>Guide</i>
2580/04	BROCA 3,2 x 250 mm <i>Drill</i>	2797	GUIA ROTACIONADORA <i>Guide</i>
2712	MACHO <i>Tap</i>	2798	CHAVE COM ENGATE RÁPIDO <i>Wrench</i>
2713/03	FRESA COMBINADA 95° <i>Reamer</i>	2799	CHAVE EXTERNA PINO DESLIZANTE <i>Wrench</i>
2724	CABO EM T <i>"T" Handle</i>	2800	CHAVE PARAFUSO CORTICAL Ø 4,5 mm <i>Cortical Screw Wrench</i>
2791	MEDIDOR DE PROFUNDIDADE PINO DESLIZANTE <i>Gauge Depth</i>	2801	PINÇA ROTACIONADORA <i>Forceps</i>
2792	GUIA CAMISA EXTERNA <i>Guide</i>	2807	CHAVE INTERNA DO PINO DESLIZANTE <i>Internal Sliding Wrench</i>
2793	GUIA CAMISA INTERNA <i>Guide</i>	4692/01	FIO GUIA 2,5 x 230 mm <i>Guide Wire</i>

PLACA TUBO E PARAFUSO DESLIZANTE SDQ e SDC Tube Plate And Sliding Screw DHS and DCS



PLACA TUBO 135° SDQ DHS Tube Plate

REF.	FUROS
	Holes
4571/01	3
/02	4
/03	5
/04	6
/05	7
/06	8
/07	9
/08	10
/09	12



Inox
Stainless Steel
ISO 5832-1
ASTM F.138

PLACA TUBO 95° SDC DCS Tube Plate

REF.	FUROS
	Holes
4589/01	6
/02	8
/03	10
/04	12

• PARA USO COM PARAFUSO CORTICAL DE 4,5 mm
E PARAFUSO ESPONJOSO DE 6,5 mm.

• Use with 4,5mm Cortical Screw and 6,5 mm Cancellous Screw.

PARAFUSO DESLIZANTE SDQ / SDC Sliding Screw For DHS / DCS Tube Plate

REF.	COMPR. mm	ROSCA mm
	Length	Thread
4594/01	51	20
/02	57	20
/03	63	20
/04	70	20
/05	76	20
/06	82	20
/07	89	20
/08	95	20
/09	102	20
/10	108	20
/11	114	20
/12	121	20
/13	127	20
/14	133	20
/15	140	20
/16	146	20
/17	152	20



PARAFUSO DESLIZANTE SDQ / SDC Sliding Screw For DHS / DCS Tube Plate

REF.	COMPR. mm	ROSCA mm
	Length	Thread
4595/01	51	30
/02	57	30
/03	63	30
/04	70	30
/05	76	30
/06	82	30
/07	89	30
/08	95	30
/09	102	30
/10	108	30
/11	114	30
/12	121	30
/13	127	30
/14	133	30
/15	140	30
/16	146	30
/17	152	30



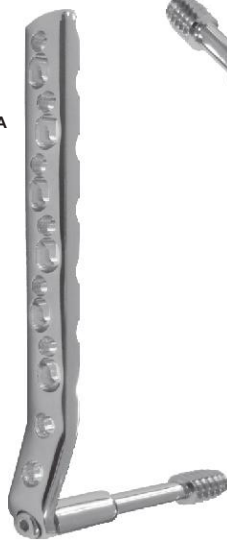
ORTOSINTESE

PLACA TUBO BLOQUEADA E PARAFUSO DESLIZANTE Locking Tube Plate And Sliding Screw

PLACA TUBO 95° BLOQUEADA DCS *Locked Tube Plate*

REF.	FUROS Holes
4603/01	3
/02	4
/03	5
/04	6
/05	7
/06	8
/07	9
/08	10
/09	11
/10	12
/11	13
/12	14
/13	15
/14	16
/15	17
/16	18
/17	20
/18	22
/19	24

4603



4604

PLACA TUBO 135° BLOQUEADA DHS *Locked Tube Plate*

REF.	FUROS Holes
4604/01	2
/02	3
/03	4
/04	5
/05	6
/06	7
/07	8
/08	9
/09	10
/10	11
/11	12
/12	13
/13	14
/14	15
/15	16
/16	18
/17	20
/18	22
/19	24

Inox

Stainless Steel
ISO 5832-1
ASTM F.138

• PARA USO COM PARAFUSO CORTICAL DE 4,5 mm E PARAFUSO DE BLOQUEIO Ø 5,0 mm. PARA A PLACA REF.4589, UTILIZE PARAFUSO ESPONJOSO DE 6,5 mm.

• For use with Ø 4,5 mm Cortical Screw and Ø 5,0 mm Locking Screw. Use the Ø 6,5 mm Cancellous Screw for the plate Ref.4589.

PARAFUSO DESLIZANTE SDQ / SDC Sliding Screw For DHS / DCS Tube Plate

REF.	COMPR. mm	ROSCA mm
	Length	Thread
4594/01	51	20
/02	57	20
/03	63	20
/04	70	20
/05	76	20
/06	82	20
/07	89	20
/08	95	20
/09	102	20
/10	108	20
/11	114	20
/12	121	20
/13	127	20
/14	133	20
/15	140	20
/16	146	20
/17	152	20

4594

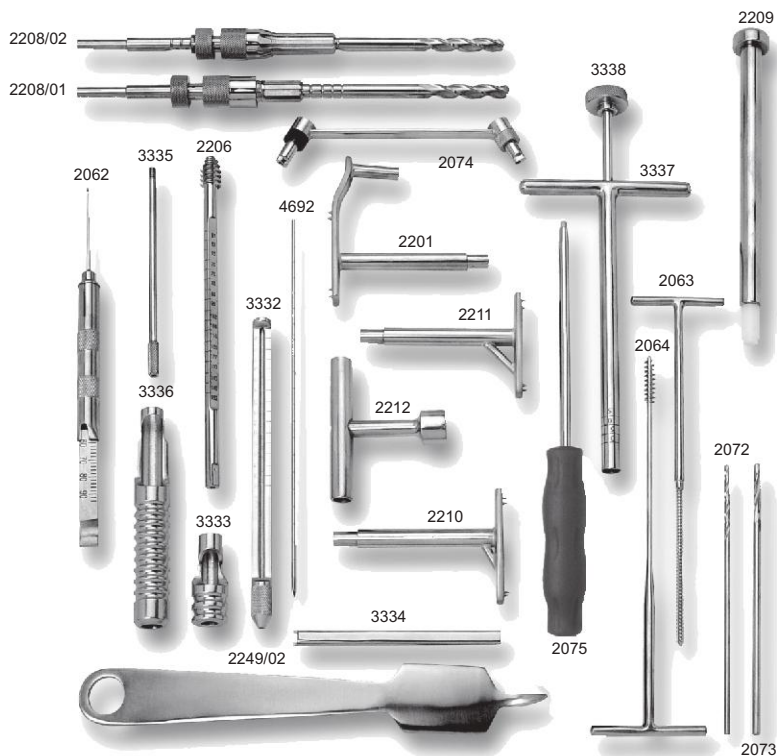


4595



PARAFUSO DESLIZANTE SDQ / SDC Sliding Screw For DHS / DCS Tube Plate

REF.	COMPR. mm	ROSCA mm
	Length	Thread
4595/01	51	30
/02	57	30
/03	63	30
/04	70	30
/05	76	30
/06	82	30
/07	89	30
/08	95	30
/09	102	30
/10	108	30
/11	114	30
/12	121	30
/13	127	30
/14	133	30
/15	140	30
/16	146	30
/17	152	30



2062	MEDIDOR DE PARAFUSO GRANDES FRAGMENTOS <i>Large Fragments Screw Gauge</i>
2063	FRESA MACHO Ø 4,5 mm <i>Tap Reamer</i>
2064	FRESA MACHO Ø 6,5 mm <i>Tap Reamer</i>
2072	BROCA AÇO INOX Ø 3,2 X 150 mm <i>Stainless Steel Drill</i>
2073	BROCA AÇO INOX Ø 4,5 X 150 mm <i>Stainless Steel Drill</i>
2074	GUIA DE BROCA Ø 3,2 mm <i>Drill Guide For Plates</i>
2075	CHAVE SEXTAVADA 3,5 <i>Hexagonal Screwdriver</i>
2201	GUIA ÂNGULO 95° <i>Angled Guide</i>

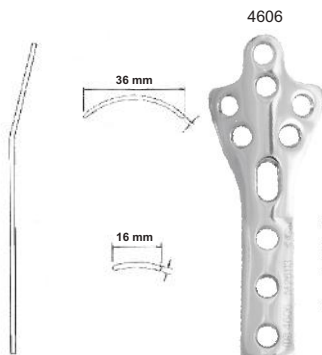
2206	FRESA MACHO <i>Tap Reamer</i>
2208/01	FRESA COMBINADA 95° <i>Reamer</i>
2208/02	FRESA COMBINADA 135° <i>Reamer</i>
2209	IMPACTOR DE PLACA <i>Plate Impactor</i>
2210	GUIA ANGULADO 150° <i>Angled Guide</i>
2211	GUIA ANGULADO 135° <i>Angled Guide</i>
2212	CABO T <i>"T" Handle</i>
2249/02	AFASTADOR HOHMANN 35X255 <i>Hohmann Retractor</i>

3332	MEDIDOR <i>Gauge</i>
3333	GUIA DO MACHO <i>Pin Plate Guide</i>
3334	GUIA DA PLACA <i>Plate Guide</i>
3335	PINO GUIA DA PLACA <i>Pin Plate Guide</i>
3336	GUIA DA CHAVE <i>Guide for "T" Wrench</i>
3337	CHAVE EM "T" <i>"T" Handle</i>
3338	GUIA DE PINO <i>Pin Fixator</i>
4692	GUIA FIO <i>Wire Guide</i>



ORTOSINTESE

PLACAS ESPECIAIS Special Plates

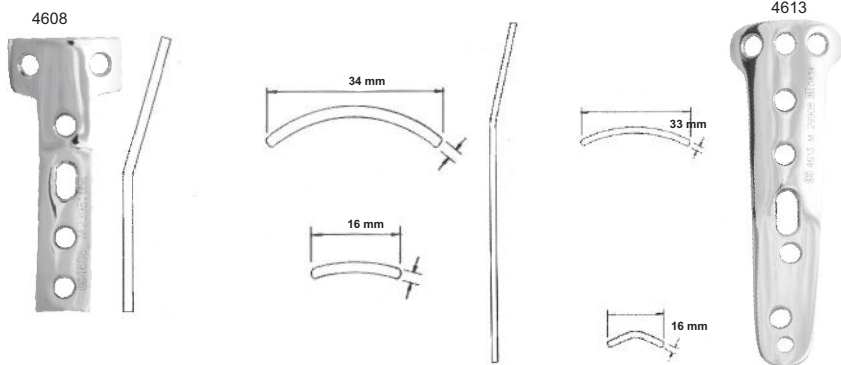


PLACA TREVO
Cloverleaf Plate

REF.	FUROS		COMPR.mm
	Holes	Length	
4606/01	3	96	
/02	4	111	
/03	5	126	
/04	6	141	
/05	7	156	
/06	8	171	

- PARA USO COM PARAFUSO CORTICAL DE 4,5 mm E PARAFUSO ESPONJOSO DE 6,5 mm.
- For use with 4,5 mm Cortical Screw and 6,5 mm Cancellous Screw.

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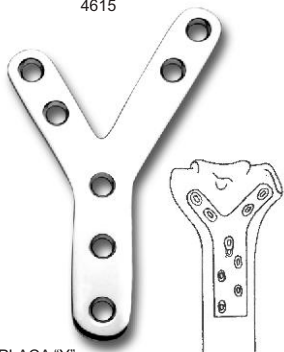
PLACA "T"
"T" Plate

REF.	FUROS		COMPR. mm
	Holes	Length	
4608/01	3	68	
/02	4	84	
/03	5	100	
/04	6	116	
/05	8	148	

PLACA COLHER
Spoon Plate

REF.	FUROS		COMPR. mm
	Holes	Length	
4613/01	5	100	
/02	6	120	

4615



PLACA "Y"
"Y" Plates

DIREITA Right REF.	ESQUERDA Left REF.	FUROS Holes	COMPR. mm Length
4615/01	4615/03	3	77
/02	/04	5	106

4635



PLACA DE SUSTENTAÇÃO TIBIAL
Tibial Support Plate

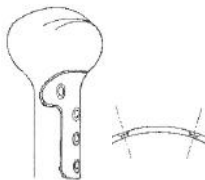
DIREITA Right	ESQUERDA Left	FUROS Holes	COMPR. mm Length
4635/01	4635/07	5	126
/02	/08	7	158
/03	/09	9	190
/04	/10	11	222
/05	/11	13	254
/06	/12	15	286
	/13	16	302

- PARA USO COM PARAFUSO CORTICAL DE 4,5 mm E PARAFUSO ESPONJOSO DE 6,5 mm.
- For use with 4,5 mm Cortical Screw and 6,5 mm Cancellous Screw

4619



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PLACA "T"
"T" Plates

REF.	FUROS Holes	COMPR. mm Length
4619/01	3	78
/02	4	94
/03	5	110
/04	6	126

4451



PLACA UMERAL COM LÂMINA
Umeral Plate With Blade

REF.	FUROS Holes	COMPR. mm Length	LÂMINA Blade
4451/01	2	63,5	25
/02	4	93,5	25
/03	6	123,5	25
/04	8	153,5	35
/05	10	183,5	25
/06	12	213,5	25
/07	3	78,5	25
/08	5	108,5	25
/09	7	138,5	25
/10	9	168,5	25
/11	4	213,5	35



ORTOSINTESE

PLACAS ESPECIAIS Special Plates

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4627



4625



4626



4629

4632

4628

PLACA "L"
"L" Plate

DIREITA Right REF.	ESQUERDA Left REF.	FUROS Holes	COMPR. mm Length
4626/01	4627/01	4	85
/02	/02	5	101
/03	/03	6	117
/04	/04	7	134
/05	/05	8	150
/06	/06	9	166
/07	/07	10	182
/08	/08	12	214
/09	/09	11	198
/10	/10	3	69
/11	/11	20	342
/12	/12	2	54

PLACA "T"
"T" Plate

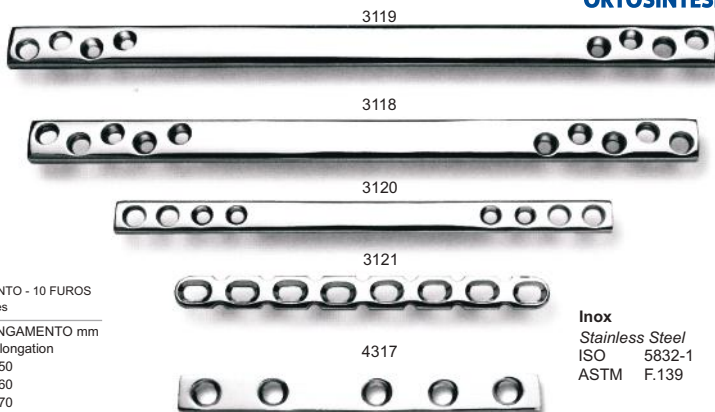
REF.	FUROS Holes	COMPR. mm Length
4625/01	4	80
/02	5	96
/03	6	112
/04	7	128
/05	8	144
/06	3	64
/07	10	176
/08	12	208
/09	9	160
/10	2	48

PLACA DE SUSTENTAÇÃO
Support Plate

DIREITA Right REF.	FUROS Holes	COMPR. mm Length	ESQUERDA Left REF.	FUROS Holes	COMPR. mm Length
4628/01	7	166	4629/01	7	166
/02	9	198	/02	9	198
/03	5	134	/03	5	134
/04	10	214	/04	10	214
/05	12	246	/05	12	246
/06	14	278	/06	14	278
/07	16	310	/07	16	310
/08	6	150	/09	6	150
/09	8	182	/10	8	182
/10	15	294	/11	11	230
/11	11	230	/12	13	262
/12	13	262	/13	15	294
/13	4	118	/14	4	118

PLACA COBRA ARTRODESE DE QUADRIL
Hip Arthrodesis Plate

REF.	FUROS Holes	COMPR. mm Length
4632/01	8	170
/02	9	186
/03	10	202
/04	11	218
/05	6	138
/06	7	154
/07	12	234
/08	14	266
/09	16	298
/10	5	122



PLACA LARGA PARA ALONGAMENTO - 10 FUROS
Broad Plate For Alongation - 10 Holes

REF.	COMPR. mm Length	ALONGAMENTO mm Alongation
3118/01	179	50
/02	189	60
/03	199	70
/04	209	80
/05	219	90
/06	229	100
/07	239	110
/08	249	120

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PLACA LARGA PARA ALONGAMENTO - 8 FUROS
Broad Plate For Alongation - 8 Holes

REF.	COMPR. mm Length	ALONGAMENTO mm Alongation
3119/01	135	30
/02	145	40
/03	155	50
/04	165	60

PLACA ESTREITA PARA ALONGAMENTO - 8 FUROS
Narrow Plate For Alongation - 8 Holes

REF.	COMPR. mm Length	ALONGAMENTO mm Alongation
3120/01	135	30
/02	145	40
/03	155	50
/04	165	60
/05	175	70
/06	185	80

- PARA USO COM PARAFUSO CORTICAL DE 4,5 mm e PARAFUSO ESPONJOSO DE 6,5 mm
- For use With 4,5 mm Cortical Screw and 6,5 mm Cancellous Screw



- PARA USO COM PARAFUSO CORTICAL E ESPONJOSO DE 3,5 mm E PARAFUSO ESPONJOSO DE 4,0 mm.
- For use With 3,5 mm Cortical and Cancellous Screw and 4,0 mm Cancellous Screw.

PLACA DE RECONSTRUÇÃO PÉLVICA
Plate For Pelvic Reconstruction

REF.	COMPR. mm Length	FUROS Holes
3121/01	48	3
/02	64	4
/03	80	5
/04	96	6
/05	112	7
/06	128	8
/07	144	9
/08	160	10
/09	176	11
/10	192	12
/11	208	13
/12	224	14
/13	240	15
/14	256	16
/15	272	17
/16	288	18
/17	304	19
/18	320	20

PLACA DE RECONSTRUÇÃO PÉLVICA
Plate For Pelvic Reconstruction

REF.	COMPR. mm Length	FUROS Holes
3122/01	45	3
/02	61	4
/03	77	5
/04	93	6
/05	109	7
/06	125	8
/07	141	9
/08	157	10
/09	173	11
/10	189	12
/11	205	13
/12	221	14
/13	237	15
/14	253	16

PLACA DE RECONSTRUÇÃO PÉLVICA curva Ø 3,5
Plate For Pelvic Reconstruction

REF.	COMPR. mm Length	FUROS Holes
3128/01	60	5
/02	72	6
/03	84	7
/04	96	8
/05	108	9
/06	168	14
/07	120	10
/08	144	12

PLACA MALEÁVEL
Maleable Plate

REF.	FUROS Holes
4317/01	2
/02	3
/03	4
/04	5
/05	6
/06	7
/07	8
/08	9
/09	10
/10	11
/11	12



ORTOSINTESE

SISTEMA ÂNCORA Anchor System

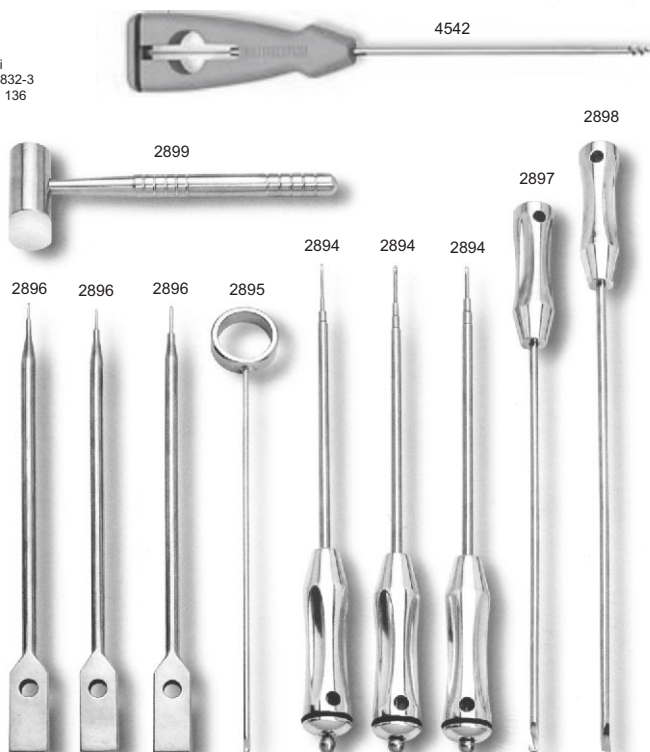
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Titanium

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ISO 5832-3

ASTM F 136



2894/01	CHAVE INTRODUTORA 2,8 mm <i>Introduction Wrench</i>
2894/02	CHAVE INTRODUTORA 4,0 mm <i>Introduction Wrench</i>
2894/03	CHAVE INTRODUTORA 5,0 mm <i>Introduction Wrench</i>
2895	IMPACTOR EXTRATOR <i>Impactor Extractor</i>
2896/01	PERFURADOR INICIAL Ø 2,8 mm <i>Initial Perforator</i>

2896/02	PERFURADOR INICIAL Ø 4,0 mm <i>Initial Perforator</i>
2896/03	PERFURADOR INICIAL Ø 5,0 mm <i>Initial Perforator</i>
2897	EXTRATOR DE FIO <i>Wire Extractor</i>
2898	OSTEÓTOMO <i>Osteotome</i>
2899	MARTELO <i>Mallets</i>

4542/01	ÂNCORA COM FIO DE FIXAÇÃO E DISPOSITIVO INSERTOR Ø 2,8 mm <i>Anchor With Fixing Wire and Inserter Device</i>
4542/02	ÂNCORA COM FIO DE FIXAÇÃO E DISPOSITIVO INSERTOR Ø 4,0 mm <i>Anchor With Fixing Wire and Inserter Device</i>
4542/03	ÂNCORA COM FIO DE FIXAÇÃO E DISPOSITIVO INSERTOR Ø 5,0 mm <i>Anchor With Fixing Wire and Inserter Device</i>
4542/04	ÂNCORA COM FIO DE FIXAÇÃO E DISPOSITIVO INSERTOR Ø 1,9 mm <i>Anchor With Fixing Wire and Inserter Device</i>

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6447 PLACA ESTRELA PEQUENA Ø 1.2MM;
Star Plate Small Ø 1.2MM



6448 PLACA "X" 5 FUROS X Ø 1.2MM;
X Plate 5 Holes Ø 1.2MM



6451 PLACA "L" ESQUERDA OBLÍQUA LONGA 4 FUROS X Ø 1.2MM;
L Left Long Oblique Plate 4 Holes

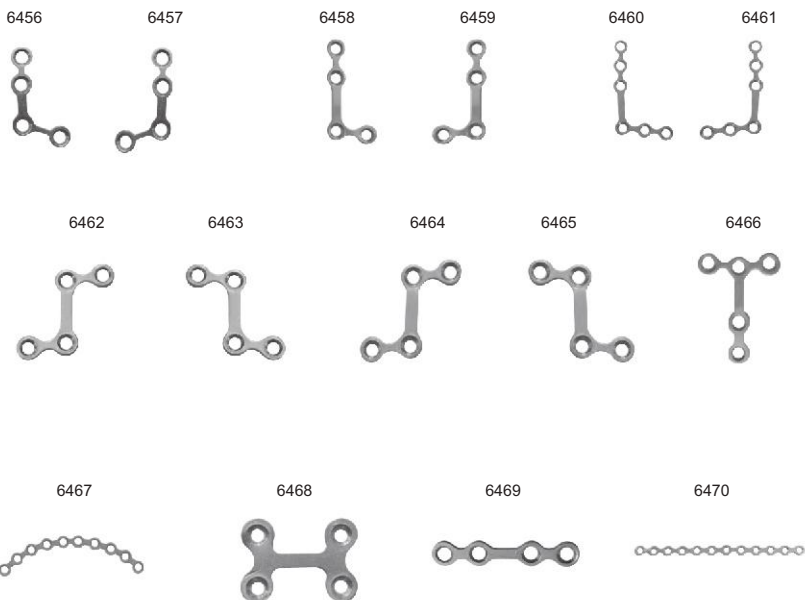


6452 PLACA "L" DIREITA OBLÍQUA LONGA 4 FUROS X Ø 1.2MM
L Right Long Oblique Plate 4 Holes



ORTOSINTESE

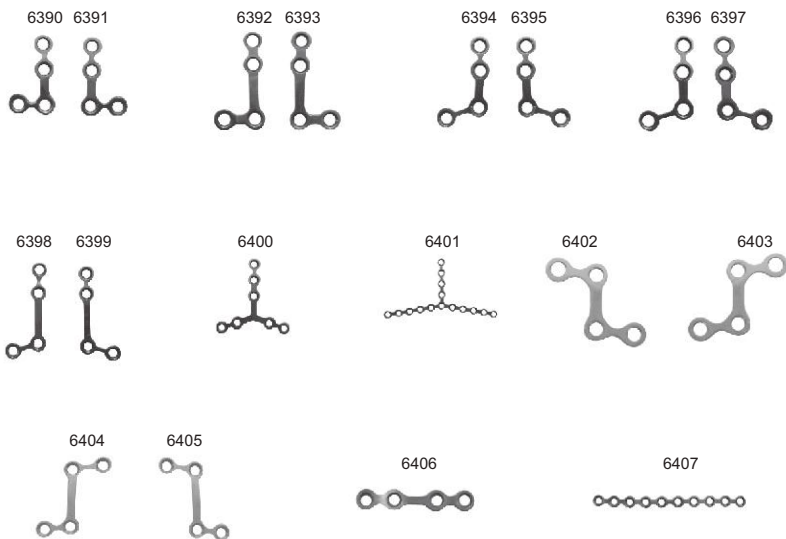
MAXILOFACIAL - MICRO Ø 1.6 mm
Maxilofacial - Micro Ø 1.6 mm



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ASTM F. F67

6456	PLACA L OBLIQUA PEQUENA DIREITA Ø 1,6 mm <i>L Right Small Oblique Plate</i>
6457	PLACA L OBLIQUA PEQUENA ESQUERDA Ø 1,6 mm <i>L Left Small Oblique Plate</i>
6458	PLACA L OBLIQUA MEDIA DIREITA Ø 1,6 mm <i>L Right Medium Oblique Plate</i>
6459	PLACA L OBLIQUA MEDIA ESQUERDA Ø 1,6 mm <i>L Left Medium Oblique Plate</i>
6460	PLACA L OBLIQUA GRANDE DIREITA Ø 1,6 mm <i>L Right Large Oblique Plate</i>
6461	PLACA L OBLIQUA GRANDE ESQUERDA Ø 1,6 mm <i>L Left Large Oblique Plate</i>
6462	PLACA Z DIREITA CURTA Ø 1,6 mm <i>Z Right Short Plate</i>
6463	PLACA Z ESQUERDA CURTA Ø 1,6 mm <i>Z Left Short Plate</i>

6464	PLACA Z DIREITA MEDIA Ø 1,6 mm <i>Z Right Medium Plate</i>
6465	PLACA Z ESQUERDA MÉDIA Ø 1,6 mm <i>Z Left Medium Plate</i>
6466	PLACA Y Ø 1,6 mm <i>Y Plate</i>
6467	PLACA ENCURVADA 10 FUROS Ø 1,6 mm <i>Curved Plate with 10 Holes</i>
6468	PLACA I 4 FUROS Ø 1,6 mm <i>I Plate with 4 Holes</i>
6469	PLACA RETA TIPO PONTE 4 FUROS Ø 1,6 mm <i>Straight Plate - Bridge Type with 4 Holes</i>
6470	PLACA RETA 12 FUROS Ø 1,6 mm <i>Straight Plate with 12 Holes</i>



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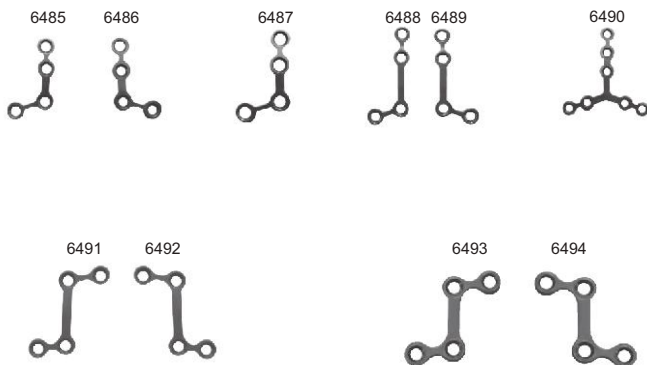
6390	PLACA L ESQUERDA CURTA Ø 2,0 mm <i>L Left Short Plate</i>
6391	PLACA L DIREITA CURTA Ø 2,0 mm <i>L Right Short Plate</i>
6392	PLACA L ESQUERDA LONGA Ø 2,0 mm <i>L Left Long Plate</i>
6393	PLACA L DIREITA LONGA Ø 2,0 mm <i>L Right Long Plate</i>
6394	PLACA L ESQUERDA PEQUENA OBLIQUA Ø 2,0 mm <i>L Left Small Oblique Plate</i>
6395	PLACA L DIREITA PEQUENA OBLIQUA Ø 2,0 mm <i>L Right Small Oblique Plate</i>
6396	PLACA L ESQUERDA MÉDIA OBLIQUA Ø 2,0 mm <i>L Left Medium Oblique Plate</i>
6397	PLACA L DIREITA MÉDIA OBLIQUA Ø 2,0 mm <i>L Right Medium Oblique Plate</i>
6398	PLACA L ESQUERDA GRANDE OBLIQUA Ø 2,0 mm <i>L Left Large Oblique Plate</i>
6399	PLACA L DIREITA GRANDE OBLIQUA Ø 2,0 mm <i>L Right Large Oblique Plate</i>
6400	PLACA "Y" Ø 2,0 mm <i>"Y" Plate</i>

6401	PLACA EM "Y" GRANDE Ø 2,0 mm <i>"Y" Large Plate</i>
6402	PLACA "Z" ESQUERDA MÉDIA 4 FUROS Ø 2,0 mm <i>"Z" Left Medium Plate</i>
6403	PLACA "Z" DIREITA MÉDIA 4 FUROS Ø 2,0 mm <i>"Z" Right Medium Plate</i>
6404	PLACA "Z" DIREITA GRANDE 4 FUROS Ø 2,0 mm <i>"Z" Right Large Plate</i>
6405	PLACA "Z" ESQUERDA GRANDE 4 FUROS Ø 2,0 mm <i>"Z" Left Large Plate</i>
6406	PLACA RETA TIPO PONTE 4 FUROS Ø 2,0 mm <i>Straight Plate - Bridge Type 4 Holes</i>
6407/01	PLACA RETA 10 FUROS Ø 2,0 mm <i>Straight Plate with 10 Holes</i>
6407/02	PLACA RETA 16 FUROS Ø 2,0 mm <i>Straight Plate with 16 Holes</i>
6407/03	PLACA RETA 18 FUROS Ø 2,0 mm <i>Straight Plate with 18 Holes</i>
6407/04	PLACA RETA 40 FUROS Ø 2,0 mm <i>Straight Plate with 40 Holes</i>



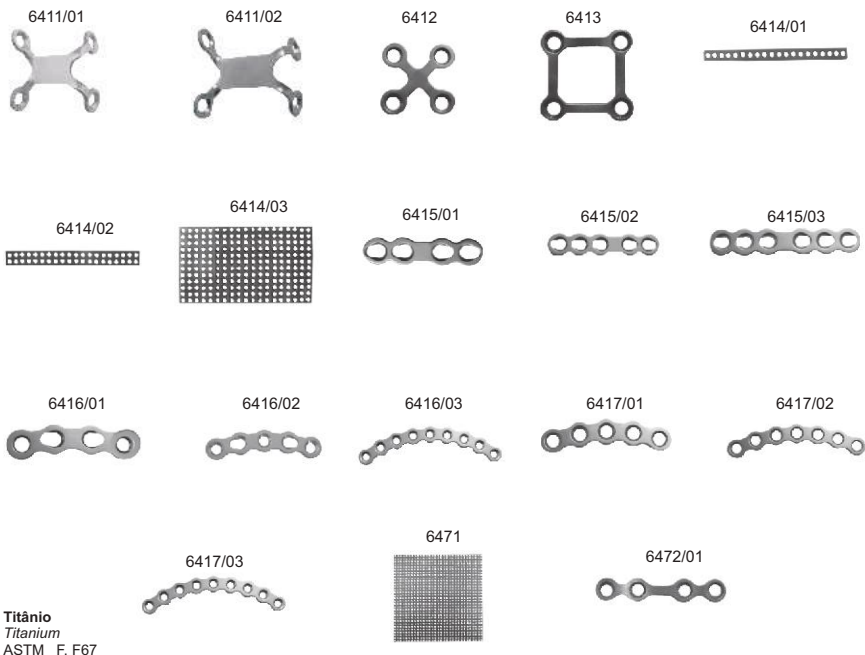
ORTOSINTESE

MAXILOFACIAL - MICRO Ø 2.0 mm
Maxilofacial - Micro Ø 2.0 mm



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6485	PLACA L ESQUERDA CURTA OBLIQUA Ø 2,0 mm "L" Left Short Oblique Plate	6490	PLACA Y RIGIDA 4 X 3 FUROS Ø 2,0 mm "Y" Rigid Plate 4 X 3 Holes
6486	PLACA L DIREITA MÉDIA OBLIQUA Ø 2,0 mm "L" Right Medium Oblique Plate	6491	PLACA Z LONGA DIREITA 4 FUROS Ø 2,0 mm "Z" Right Long Plate with 4 Holes
6487	PLACA L ESQUERDA MÉDIA OBLIQUA Ø 2,0 mm "L" Left Medium Oblique Plate	6492	PLACA Z LONGA ESQUERDA 4 FUROS Ø 2,0 mm "Z" Left Long Plate with 4 Holes
6488	PLACA L DIREITA LONGA OBLIQUA Ø 2,0 mm "L" Right Long Oblique Plate	6493	PLACA Z MÉDIA DIREITA 4 FUROS Ø 2,0 mm "Z" Right Medium Plate with 4 Holes
6489	PLACA L ESQUERDA LONGA OBLIQUA Ø 2,0 mm "L" Right Left Oblique Plate	6494	PLACA Z MÉDIA ESQUERDA 4 FUROS Ø 2,0 mm "Z" Left Medium Plate with 4 Holes



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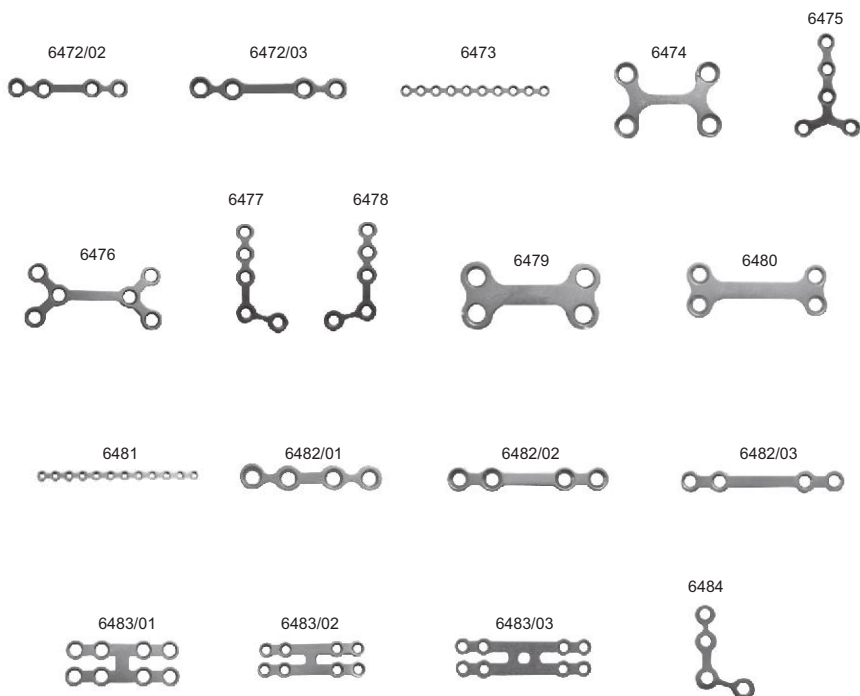
6411/01	PLACA PARA QUEIXO 4 mm Plate for Chin 4 mm
6411/02	PLACA PARA QUEIXO 6 mm Plate for Chin 6 mm
6412	PLACA EM "X" Ø 2,0 mm "X" Plate
6413	PLACA QUADRADA Ø 2,0 mm Square Plate
6414/01	PLACA MALHA 1 FILA Ø 2,0 mm Mesh Plate 1 Line
6414/02	PLACA MALHA 2 FILAS Ø 2,0 mm Mesh Plate 2 Line
6414/03	PLACA MALHA GRANDE Ø 2,0 mm Large Mesh Plate

6415/01	PLACA RETA TIPO PONTE AUTO COMPRESSÃO 4 FUROS Ø 2,0 mm Straight Plate with Self Compression
6415/02	PLACA RETA TIPO PONTE AUTO COMPRESSÃO 5 FUROS Ø 2,0 mm Straight Plate with Self Compression
6415/03	PLACA RETA TIPO PONTE AUTO COMPRESSÃO 6 FUROS Ø 2,0 mm Straight Plate with Self Compression
6416/01	PLACA ENCURVADA AUTO COMPRESSÃO 4 FUROS Ø 2,0 mm Curved Plate with self Compression
6416/02	PLACA ENCURVADA AUTO COMPRESSÃO 5 FUROS Ø 2,0 mm Curved Plate with self Compression
6416/03	PLACA ENCURVADA AUTO COMPRESSÃO 7 FUROS Ø 2,0 mm Curved Plate with self Compression
6417/01	PLACA ENCURVADA 5 FUROS Ø 2,0 mm Curved Plate With
6417/02	PLACA ENCURVADA 7 FUROS Ø 2,0 mm Curved Plate With
6417/03	PLACA ENCURVADA 9 FUROS Ø 2,0 mm Curved Plate With
6471	PLACA MALHA EXTRA GRANDE 127 X 127 X Ø 2,0 mm Extra Large Mesh Plate
6472/01	PLACA RETA TIPO PONTE PEQUENA Ø 2,0 mm Small Straight Plate



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MAXILOFACIAL - MICRO Ø 2.0 mm
Maxilofacial - Micro Ø 2.0 mm



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6472/02 PLACA RETA TIPO PONTE MÉDIA Ø 2,0 mm
Medium Straight Plate

6472/03 PLACA RETA TIPO PONTE GRANDE Ø 2,0 mm
Large Straight Plate

6473 PLACA RETA 10 FUROS Ø 2,0 mm
Straight Plate 10 Holes

6474 PLACA I 4 FUROS Ø 2,0 mm
"I" Plate with 4 Holes

6475 PLACA Y 2 X 3 Ø 2,0 mm
"Y" Plate 2 X 3 Holes

6476 PLACA Y 6 FUROS X Ø 2,0 mm
"Y" Plate with 6 Holes

6477 PLACA L DIREITA 3 X 2 FUROS X Ø 2,0 mm
L Right Plate 3 X 2 Holes

6478 PLACA L ESQUERDA 3 X 2 FUROS X Ø 2,0 mm
L Right Plate 3 X 2 Holes

6479 PLACA I MÉDIA 4 FUROS X Ø 2,0 mm
"I" Medium Plate 4 Holes

6480 PLACA I LONGA 4 FUROS Ø 2,0 mm
"I" Plate with 4 Holes

6481 PLACA RETA 12 FUROS Ø 2,0 mm
Straight Plate with 12 Holes

6482/01 PLACA RETA TIPO PONTE PEQUENA Ø 2,0 mm
Small Straight Plate

6482/02 PLACA RETA TIPO PONTE MÉDIA Ø 2,0 mm
Medium Straight Plate

6482/03 PLACA RETA TIPO PONTE GRANDE Ø 2,0 mm
Large Straight Plate

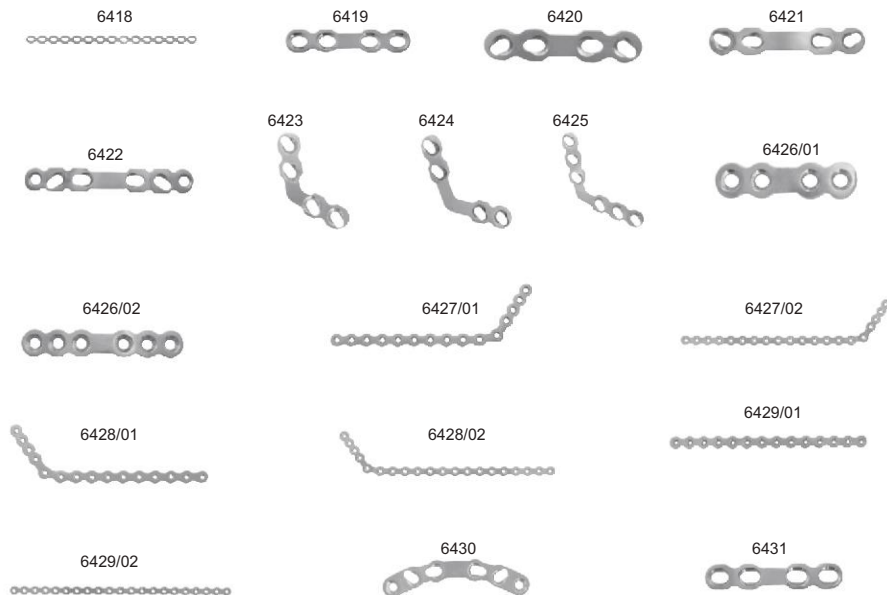
6483/01 PLACA H PEQUENA 4 FUROS Ø 2,0 mm
"H" Small Plate with 4 Holes

6483/02 PLACA H MÉDIA 4 FUROS Ø 2,0 mm
"H" Medium Plate with 4 Holes

6483/03 PLACA H GRANDE 4 FUROS Ø 2,0 mm
"H" Double Large Plate with 4 Holes

6484 PLACA L DIREITA CURTA OBLIQUA Ø 2,0 mm
"L" Right Short Oblique Plate

Titânio
Titanium
ASTM F. F67



6418	PLACA RETA COM FURO OVAL 15 FUROS <i>Straight Plate with 15 Oval holes</i>	6426/02	PLACA RETA TIPO PONTE COM 6 FUROS REDONDOS <i>"I" Plate with 4 Holes</i>
6419	PLACA RETA TIPO PONTE COM FURO OVAL <i>Straight Plate with Oval Holes</i>	6427/01	PLACA L. OBLIQUA 10 FUROS DIREITA <i>"L" Right Oblique Plate 10 Holes</i>
6420	PLACA RETA AUTO COMPRESSÃO PEQUENA 4 FUROS <i>Small Auto Compression Straight Plate with 4 Holes</i>	6427/02	PLACA L. OBLIQUA 15 FUROS DIREITA <i>"L" Right Oblique Plate 15 Holes</i>
6421	PLACA RETA AUTO COMPRESSÃO MÉDIA 4 FUROS <i>Medium Auto Compression Straight Plate with 4 Holes</i>	6428/01	PLACA L. OBLIQUA 10 FUROS ESQUERDA <i>"L" Left Oblique Plate 10 Holes</i>
6422	PLACA RETA AUTO COMPRESSÃO GRANDE 6 FUROS <i>Medium Auto Compression Straight Plate with 6 Holes</i>	6428/02	PLACA L. OBLIQUA 15 FUROS ESQUERDA <i>"L" Left Oblique Plate 15 Holes</i>
6423	PLACA BUMERANGUE CURTA 4 FUROS <i>Bumerang Short Plate with 4 Holes</i>	6429/01	PLACA RETA COM 14 FUROS REDONDOS <i>"L" Left Oblique Plate with 14 Holes</i>
6424	PLACA BUMERANGUE LONGA 4 FUROS <i>Bumerang Long Plate with 4 Holes</i>	6429/02	PLACA RETA COM 21 FUROS REDONDOS <i>"L" Left Oblique Plate with 21 Holes</i>
6425	PLACA BUMERANGUE CURTA 6 FUROS <i>Bumerang Short Plate with 6 Holes</i>	6430	PLACA EM ARCO 6 FUROS <i>Plate in arch with 6 Holes</i>
6426/01	PLACA RETA TIPO PONTE 4 FUROS REDONDOS <i>Straight Plate with 4 round holes</i>	6431	PLACA MANDIBULAR RETA 4 FUROS <i>Mandibular Straight Plate with 4 Holes</i>

Titânio
Titanium
 Ti 6AL 4V Eli
 ISO 5832-3
 ASTM F 136

6518 PARAFUSO CORTICAL AUTO ROSQUEANTE Ø 1,2mm x 4mm
Cortical Screw Self Tapped



PARAFUSO CORTICAL AUTO ROSQUEANTE Ø 1,6mm
Cortical Screw Self Tapped

REF.	COMPR. Length
6520	4
6521	5
6522	6
6523	8

PARAFUSO CORTICAL AUTO ROSQUEANTE Ø 2,0mm
Cortical Screw Self Tapped

REF.	COMPR. Length
6543	4
6544	5
6545	6
6546	8



PARAFUSO CORTICAL Ø1,2mm
Cortical Screw

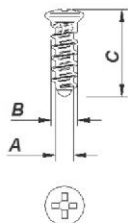
REF.	COMPR. Length
6507	2
6508	3
6509	4
6510	6
6511	8
6512	10
6513	12
6514	14
6517	3
6519	5

PARAFUSO CORTICAL Ø 2,0mm
Cortical Screw

REF.	COMPR. Length
6525	4
6526	5
6527	6
6528	8
6529	10
6530	12
6531	14
6532	16
6533	18

PARAFUSO CORTICAL Ø 2,4mm
Cortical Screw

REF.	COMPR. Length
6556	4
6557	5
6558	6
6559	8
6560	10
6561	12
6562	14
6563	16
6564	18



Parafuso

Broca

Macho

Chave

PARAFUSO AUTO ROSQUEANTE Ø1,6
Cortical Screw Self Tapped

A Ø INTERNO 1,1 mm
Internal 1,1 mm

REF.1872/01

REF. 1625/1626

B Ø EXTERNO 1,6 mm
External 1,6 mm

PARAFUSO AUTO ROSQUEANTE Ø2,0
Cortical Screw Self Tapped

A Ø INTERNO 1,3 mm
Internal 1,3 mm

REF. 1882

REF. 1625/1626

B Ø EXTERNO 2,0 mm
External 2,0 mm

PARAFUSO CORTICAL Ø2,0
Cortical Screw

A Ø INTERNO 1,3 mm
Internal 1,3 mm

REF.1882

REF.1628

REF. 1625/1626

B Ø EXTERNO 2,0 mm
External 2,0 mm

PARAFUSO CORTICAL Ø2,4
Cortical Screw

A Ø INTERNO 1,5 mm
Internal 1,5 mm

REF. 1889/1890

REF.1629

REF. 1625/1626

B Ø EXTERNO 2,4 mm
External 2,4 mm



ORTOSINTESE

INSTRUMENTAL MAXILOFACIAL Maxillofacial Instruments



1622/01	MODELADOR DIREITO Right Modelator
1622/02	MODELADOR ESQUERDO Left Modelator
1623	GUIA DE BROCA Drill Guide
1624	MODELADOR Modelator
1625	CHAVE CURTA Short Wrench
1626	CHAVE LONGA Long Wrench
1628	FRESA MACHO Ø 2,0 mm Tap Reamer
1629	FRESA MACHO Ø 2,4 mm Tap Reamer
1630	CHAVE UNIVERSAL Universal Wrench

1631	MEDIDOR DE PROFUNDIDADE Depth Gauge
1693	GUIA DE BROCA Drill Guide
1840	MODELADOR DE PLACAS Plate Countersink
1856	MODELADOR TRIDENTE Trident Modelator
1857	PINÇA PARA PLACA Kelly Curved Tweezers
1858	PINÇA CLINICA COM TRAVA Anguled Tweezers For Plate
1859	CORTADOR DE PLACA Plate Cutter
1860	MODELADOR DE PLACA MINI Mini Plate Modelator
1861	MODELADOR DE PLACA MINI/MICRO Mini/Micro Plate Modelator

1863	PERFURADOR Perfurator
1864	GUIA DE BROCA Drill Guide
1865	GABARITO Template
1872/01	BROCA Ø 1,2 mm Drill
1882	BROCA Ø 1,3 mm Drill
1889	BROCA Ø 1,6 mm Drill
1890	BROCA LONGA Ø 1,6 mm Long Drill
2394	ALICATE MD BABY Mini Cutter

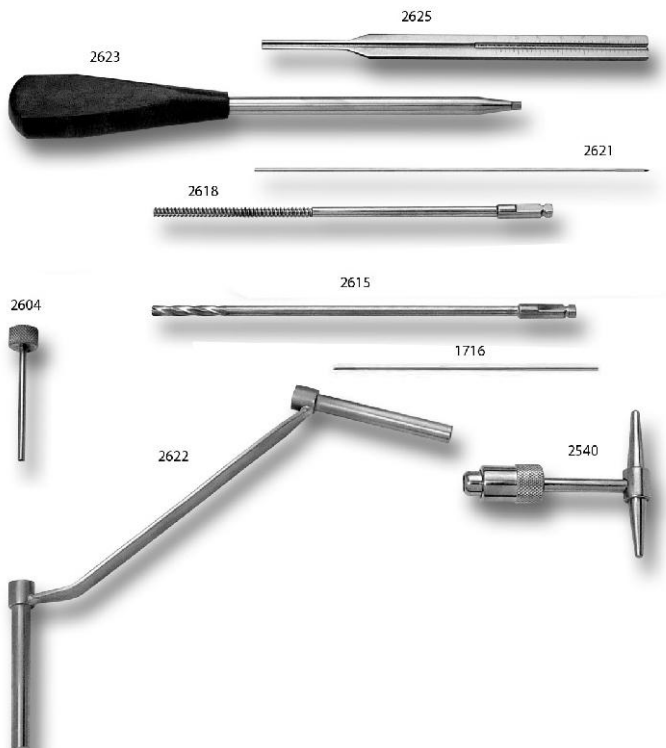


PLACA OCTO PLATE
Octo Plate Plate

REF. Inox	COMPR. mm
4275/18	12
/19	14
/20	16

PARAFUSO CANULADO 3,5 mm
Cannulated Screw

REF.	COMPR mm <i>Length</i>
3316/04	16
/05	18
/06	20
/07	22
/08	24
/09	26
/10	28
/11	30
/12	32
/13	34
/14	36



2540	CHAVE EM "T" "T" Wrench
2604	GUIA PARA FIO Ø 1,2 mm Wire For Guide
2615	BROCA CANULADA Ø 2,7 mm Cannulated Drill
2618	FRESA CANULADA Ø 3,5 x 1,4 x 160 mm Quick Coupling Cannulated Reamer
1716	FIO GUIA Ø 1,2 X 150 mm Wire Guide
2081/01	AFASTADOR DE HOHMANN 6 mm Hohmann Retractor

2621	FIO GUIA Ø 1,2 X 150 mm PONTA ROSQUEADA Wire Guide
2622	GUIA DE BROCA Ø 2,7 mm / Ø 3,5 mm Drill Guide
2623	CHAVE SEXTAVADA 2,5 mm CANULADA Swivel Key 2,5 mm Canulada
2625	MEDIDOR PARAFUSO Ø 3,5 mm Gauge
3315/01	PINÇA PARA PARAFUSO Ø 3,5 mm Screw Forceps



ORTOSINTESE

SISTEMA SIGNUS PROXIMAL Signus Proximal Nail



PINO DE TRAVA Locking Bolt

INOX Inox	TITÂNIO Titanium	COMPR. Length
3179/01	4898/01	26
/02	/02	28
/03	/03	30
/04	/04	32
/05	/05	34
/06	/06	36
/07	/07	38
/08	/08	40
/09	/09	42
/10	/10	44
/11	/11	46
/12	/12	48
/13	/13	50
/14	/14	52
/15	/15	54
/16	/16	56
/17	/17	58
/18	/18	60
/19	/19	64
/20	/20	68
/21	/21	72
/22	/22	76
/23	/23	80
/24	/24	85
/25	/25	90
/26	/26	95
/27	/27	100
/28	/28	66
/29	/29	62

Inox
Stainless Steel
ISO 5832-1
ASTM F 138

Titânio
Titanium
Ti 6AL 4V EII
ISO 5832-3
ASTM F 136

PINO INTRAMEDULAR CANULADO Intramedular Cannulated Nail

INOX Inox	Ø mm
4841	10 x 130° x 190
4842	11 x 130° x 190
4843	12 x 130° x 190

PARAFUSO Screw

INOX Stainless Steel	TITÂNIO Titanium
4831	4897

PARAFUSO DESLIZANTE Sliding Screw

INOX Inox	TITÂNIO Titanium	Ø mm
4830/01	4896/01	11 x 80
/02	/02	11 x 85
/03	/03	11 x 90
/04	/04	11 x 95
/05	/05	11 x 100
/06	/06	11 x 105
/07	/07	11 x 110
/08	/08	11 x 115
/09	/09	11 x 120

PARAFUSO DESLIZANTE Sliding Screw

INOX Inox	TITÂNIO Titanium	Ø mm
4829/01	4895/01	6,5 x 75
/02	/02	6,5 x 80
/03	/03	6,5 x 85
/04	/04	6,5 x 90
/05	/05	6,5 x 95
/06	/06	6,5 x 100
/07	/07	6,5 x 105
/08	/08	6,5 x 110
/09	/09	6,5 x 115
/10	/10	6,5 x 120

PINO INTRAMEDULAR Intramedular Nail

INOX Inox	TITÂNIO Titanium	Ø mm
4837/02	4890/02	10 x 130° x 240
4838/02	4891/02	11 x 130° x 240
4839/02	4892/02	12 x 130° x 240

PINO INTRAMEDULAR ESQUERDO Intramedular Left Nail

INOX Inox	TITÂNIO Titanium	Ø mm
4835/02	4894/02	10 x 130° x 340
/04	/04	10 x 130° x 380
/06	/06	10 x 130° x 420

PINO INTRAMEDULAR DIREITO Intramedular Right Nail

INOX Inox	TITÂNIO Titanium	Ø mm
4833/02	4893/02	10 x 130° x 340
/04	/04	10 x 130° x 380
/06	/06	10 x 130° x 420

*Opção disponível sob consulta: Ângulo 125°



2171	CHAVE EM "T" P/ INSERÇÃO E REMOÇÃO DE FIOS "T" Handle for Wire Insert end Removal
2526	AFASTADOR DE PARTES MOLES Retractor Tissue Protector
2913	GUIA DE PROTEÇÃO Protection Guide
2914/01	ARCO DE FIXAÇÃO 130° Fixation Arch
2914/02	ARCO DE FIXAÇÃO 130° Fixation Arch
2915	GUIA DO IMPACTOR DO MARTELO Hammer Impactor's Guide
2919/01	PARAFUSO DE CONEXÃO LONGO Large Connection Screw Guide

2920	BROCA CANULADA Ø 17,0 mm Canulated Drill
2929	CHAVE CARDAN HEXAGONAL CABO EM "T" "T" Hexagonal Wrench
2937	GUIA DE BROCA Ø 17,0 / 2,8 mm Drill Guide
2938	GUIA DE LIMPEZA Ø 2,9 mm Cleaness Guide
2939	PERFURADOR CANULADO Canulated Drill
2941	MARTELO DE POLIETILENO Polyethylene Mallet
2943	PERFURADOR Ø 2,8 mm Perforator



ORTOSINTESE

INSTRUMENTAL PARA SISTEMA SIGNUS PROXIMAL *Signus Proximal Nail Instruments*



2902	PUNÇÃO Ø 4,0 mm <i>Punch</i>
2903	BROCA Ø 4,0 mm <i>Drill</i>
2904	CHAVE HEXAGONAL GRANDE <i>Large Hexagonal Wrench</i>
2906	CHAVE HEXAGONAL CANULADA <i>Cannulated Hexagonal Wrench</i>
2908	MARTELO DESLIZANTE <i>Sliding Mallet</i>
2909	IMPACTOR DO MARTELO <i>Mallet Impactor</i>

2910	CHAVE Ø 4,5 mm <i>Wrench</i>
2912	GUIA CANULADO DA CHAVE "T" <i>Cannulated Guide "T" Wrench</i>
2923	BROCA CANULADA Ø 6,5 mm <i>Cannulated Drill</i>
2944	CHAVE "T" PARA INTRODUÇÃO E REDUÇÃO <i>"T" Wrench For Introduction and Reduction</i>



2900	GUIA DE PROTEÇÃO HÍSTICA Ø 11,0 / 8,0 mm <i>Histic Protection Guide</i>	2933	PERFURADOR Ø 2,8 mm <i>Perfurator</i>
2901	GUIA DE BROCA Ø 8,0 / 4,0 mm <i>Drill Guide</i>	2934	MEDIDOR DE PROFUNDIDADE P/ GUIAS Ø 2,8 X 350 mm <i>Depht Gauge For Guide</i>
2907	MEDIDOR DE PROFUNDIDADE Ø 2,8 mm <i>Depht Gauge</i>	2935	GUIA DE PROTEÇÃO HÍSTICA 8,0 x 6,5 mm <i>Histic Protection Guide</i>
2921	FRESA DE Ø 11,0 mm <i>Reamer</i>	2936	GUIA DE BROCA 6,5 x 2,8 mm <i>Drill Guide</i>
2930	FRESA CANULADO MACHO Ø 6,5 mm <i>Cannulated Reamer</i>	2945	GUIA FIO 2,8 x 350 mm COM PONTO ROSQUEADA <i>Wire Guide Threaded Point</i>
2931	GUIA DE PROTEÇÃO HÍSTICA Ø 14,0 / 11,0 mm <i>Histic Protection Guide</i>	2947	GUIA ORIENTADOR PARA BLOQUEIO DISTAL <i>Distal Blocking Orienting Guide</i>
2932	GUIA DE BROCA 11,0 x 2,8 mm <i>Drill Guide</i>		

OBS.: USADO TAMBÉM EM ORTOLOCK FEMORAL E TIBIAL CANULADO.
Ref: 2947
Obs.: Used also in cannulated femoral and tibial nail.



ORTOSINTESE

SISTEMA ORTOLOCK FEMORAL CANULADO

Ortolock Cannulated Femoral System

Inox

Stainless Steel

ISO 5832-1

ASTM F 138

4841
4842
4843
4844



3323



PINO DE TRAVA

Locking Bolt

REF. COMPR.
Lengths

3178/05	34
/06	36
/07	38
/08	40
/09	42
/10	44
/11	46
/12	48
/13	50
/14	52
/15	54
/16	56
/17	58
/18	60
/19	64
/20	68
/21	72
/22	76
/23	80
/24	85
/25	90
/26	95
/27	100

3178



ORTOLOCK FEMORAL CANULADO

Cannulated Ortolock Femoral Nail

	4841 Ø 10	4842 Ø 11	4843 Ø 12	4844 Ø 13	COMPR. Length
/01	•	•	•	•	300
/02	•	•	•	•	320
/03	•	•	•	•	340
/04	•	•	•	•	360
/05	•	•	•	•	380
/06	•	•	•	•	400
/07	•	•	•	•	420
/08	•	•	•	•	440
/09	•	•	•	•	460
/10	•	•	•	•	480

1221/02 GUIA ALINHADOR ROSQUEADO FEMORAL
Threaded Alignment Femoral Guide

1222 GUIA APALPADOR
Alignment Guide

2638/01 CABEÇA CONECTORA
Ortolock Guide

3323 PARAFUSO TAMPÃO
Inox Plug Screw



2638/01

1222

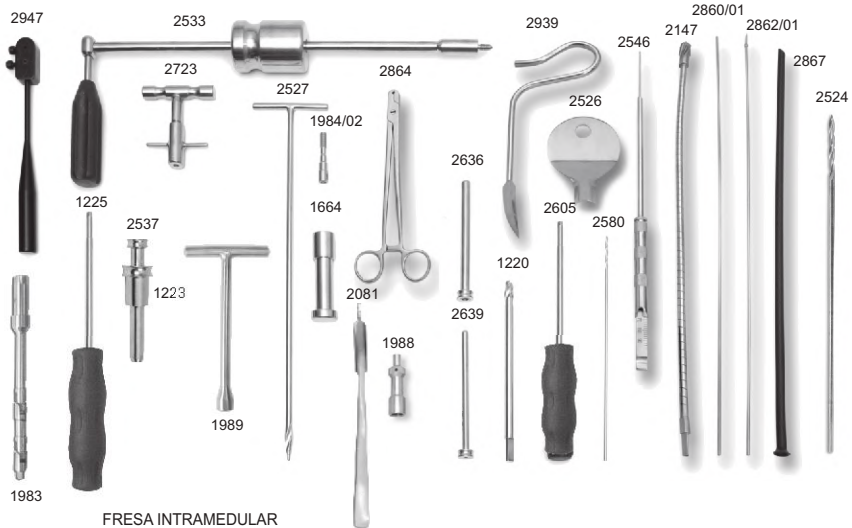
1221

INSTRUMENTAL DE ORTOLOCK FEMORAL CANULADO

Ortolock Femoral Cannulated Instruments



ORTOSINTESE



FRESA INTRAMEDULAR

Intramedular Reamer

2147/03	Ø 09mm
/04	Ø 10mm
/05	Ø 11mm
/06	Ø 12mm
/07	Ø 13mm

FRESA MANUAL PARA ABRIR CAVIDADE MEDULAR

Intramedular Rigid Reamer

2527/03	Ø 09mm
/04	Ø 10mm
/05	Ø 11mm

1220/01	BROCA Ø 8mm <i>Drill</i>
1220/02	BROCA Ø 10mm <i>Drill</i>
1223/01	GUIA ADAPTADOR DO GUIA DE BROCA Ø 8mm <i>Adaptor for Drill Guide</i>
1223/02	GUIA ADAPTADOR DO GUIA DE BROCA Ø 10mm <i>Adaptor for Drill Guide</i>
1225	CHAVE HEXAGONAL DE 6mm <i>Hexagonal Wrench</i>
1664	IMPACTOR <i>Impactor</i>
1983	CHAVE CARDAN <i>Cardan Wrench</i>
1984/02	PARAFUSO DE CONEXÃO <i>Conexion Screw</i>
1988	GUIA ADAPTADOR DO IMPACTOR <i>Impactor Guide</i>
1989	CHAVE CACHIMBO <i>Pipe Wrench</i>
2081	AFASTADOR HOHMANN PONTA Ø 6,0 mm <i>Hohmann Retractor</i>
2524/01	BROCA 4,5 x 180 mm <i>Drill Bit</i>
2526	AFASTADOR DE PARTES MOLES <i>Retractor Tissue Protector</i>
2533	EXTRATOR DE PREGO <i>Nail Extractor</i>
2537/02	GUIA DE BROCA Ø 8,0 mm <i>Drill Guide</i>

2537/03	GUIA DE BROCA Ø 10,0 mm <i>Drill Guide</i>
2546/02	MEDIDOR EXTRA LONGO <i>Gauge</i>
2580/02	BROCA 3,5 x 260 mm <i>Drill</i>
2605	CHAVE SEXTAVADA 4,5 mm <i>Swivel Key 4,5 mm</i>
2636	GUIA PROTETOR <i>Protector Guide</i>
2639	GUIA DE BROCA <i>Drill Guide</i>
2723/03	EXTRATOR DE FIO <i>Wire Extractor</i>
2860/01	FIO GUIA RETO SEM OLIVA Ø 2,9 x 505 mm <i>Smooth Wire</i>
2862/01	FIO GUIA PONTA ANGULADA COM OLIVA Ø 2,9 x 505 mm <i>Wire With Sphere</i>
2864	PINÇA PORTA FIO GUIA Ø 3,0 mm <i>Forceps Guide</i>
2867	GUIA TUBO INTRAMEDULAR FLEXÍVEL 480 mm <i>Intramedular Flexible Guide</i>
2939	PERFURADOR <i>Perforator</i>
2947	GUIA ORIENTADOR P/ BLOQUEIO DISTAL <i>Guide</i>



ORTOSINTESE

SISTEMA ORTOLOCK TIBIAL CANULADO *Cannulated Tibial Ortolock System*

4818
4819
4826



2597



2597 PARAFUSO TAMPÃO
Plug Screw

Inox
Stainless Steel
ISO 5832-1
ASTM F 138

3178



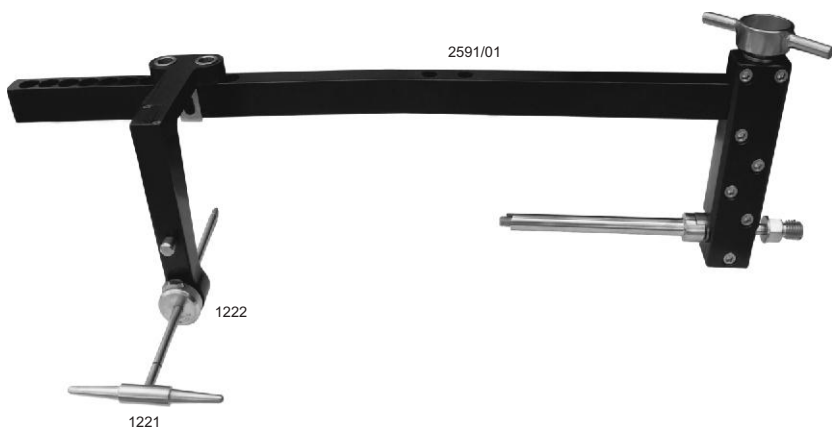
PINO DE TRAVA *Locking Bolt*

REF.	COMPR. <i>Length</i>	REF.	COMPR. <i>Length</i>
3178/01	26	3178/13	50
/02	28	/14	52
/03	30	/15	54
/04	32	/16	56
/05	34	/17	58
/06	36	/18	60
/07	38	/19	64
/08	40	/20	68
/09	42	/21	72
/10	44	/22	76
/11	46	/23	80
/12	48		

ORTOLOCK TIBIAL *Tibial Ortolock Nail*

	4818 Ø9mm	4819 Ø10mm	4826 Ø11mm	COMPR. <i>Length</i>
/01	●	●	●	255
/02	●	●	●	270
/03	●	●	●	285
/04	●	●	●	300
/05	●	●	●	315
/06	●	●	●	330
/07	●	●	●	345
/08	●	●	●	360
/09	●	●	●	375

1221/01	GUIA ALINHADOR BLOQUEADO TIBIAL <i>Threaded Alignment Guide</i>
1222	GUIA DO ALINHADOR <i>Alignment Guide</i>
2591/01	GUIA DE BLOQUEIO <i>Blocking Device</i>



INSTRUMENTAL PARA ORTOLOCK TIBIAL CANULADO

Ortolock Cannulated Tibial Instruments



1220/01 BROCA Ø8,0 mm
Drill

1223/01 GUIA ADAPTADOR DO GUIA DE BROCA Ø8X175 mm
Adaptator for Drill Guide Ø 8mm

2081 AFASTADOR HOHMANN PONTA Ø 6,0 mm
Hohmann Retractor

2537/01 GUIA DE BROCA Ø 3,6 mm
Drill Guide Ø 3,6

2537/02 GUIA DE BROCA Ø 8X114 mm
Drill Guide Ø 8X114 mm

2544 GUIA PROTETOR
Protector Guide

2546/01 MEDIDOR EXTRA LONGO
Gauge Extra Long

2580/01 BROCA 3,5 x 200 mm
Drill

2581 EXTRATOR IMPACTOR
Extractor Impactor

2583/01 FRESA GUIA
Reamer Guide

2584 GUIA FIO DO CINZEL
Wire Guide Chisel

2585 GUIA FRESA
Reamer Guide

FRESA INTRAMEDULAR Intramedular Reamer

REF.	Ø mm
2147/03	9
/04	10
/05	11
/06	12
/07	13

FRESA MANUAL PI/CAVIDADE MEDULAR Manual Reamer For Medular Cavity

REF.	Ø mm
2527/01	7
/02	8
/03	9

2588/03 GUIA ORIENTADOR DO PREGO
Orienting Nail

2605 CHAVE SEXTAVADA 4,5 mm
Swivel Key 4,5 mm

2723 EXTRATOR DE FIO
Wire Extractor

2860/01 FIO GUIA RETO SEM OLIVA Ø 2,9 x 505 mm
Wire Guide

2862/01 FIO GUIA C/ PONTA ANGULADA C/ OLIVA Ø 2,9 x 505 mm
Wire With Sphere

2864 PINÇA PORTA FIO GUIA Ø 3,0
Wire Tweezer Guide

2865 IMPACTOR EXTRATOR
Impactor Extractor

2866/01 PARAFUSO DE CONEXÃO
Conection Screw

2867 GUIA TUBO INTRAMEDULAR FLEXÍVEL
Intramedular Flexible Guide

2875 CHAVE CACHIMBO 5/8 CANULADA
Cannulated 5/8 Wrench

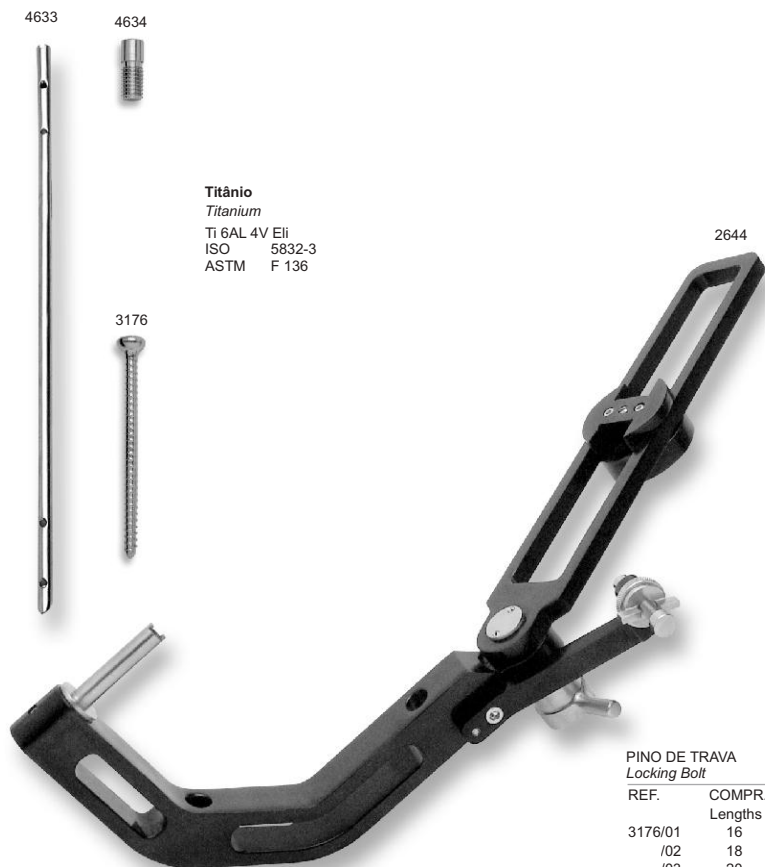
2939 PERFURADOR CANULADO
Cannulated Perforator



ORTOSINTESE

SISTEMA ORTOLOCK UMERAL

Humeral Ortolock System



Titânio
Titanium
Ti 6AL 4V Eli
ISO 5832-3
ASTM F 136

PINO DE TRAVA Locking Bolt

REF.	COMPR. Lengths
3176/01	16
/02	18
/03	20
/04	22
/05	24
/06	26
/07	28
/08	30
/09	32
/10	34
/11	36
/12	38
/13	40
/14	42
/15	44
/16	46
/17	48
/18	50
/19	52
/20	54
/21	56
/22	58
/23	60

ORTOLOCK UMERAL Ø 7 mm Humeral Ortolock Nail

REF.	COMPR Lengths
4633/01	mm 190
/02	205
/03	220
/04	230
/05	240
/06	250
/07	260
/08	270
/09	280
/10	295
/11	310
/12	325

2644 GUIA DE BLOQUEIO
Blocking Device

4634 PARAFUSO TAMPÃO
Plug Screw



2073	BROCA AÇO INOX Ø 4,5 x 150 mm Stainless Steel Drill
2362/01	MARTELO 250 Gr. Mallet
2544/01	GUIA PROTETOR Protector Guide
2545	PERFURADOR Perforator
2546/01	MEDIDOR EXTRA LONGO Extra Large Gauge
2581	EXTRATOR IMPACTOR Extractor Impactor

2646	GUIA PINO Drill Guide
2648	GUIA DE BROCA Drill Guide
2649	IMPACTOR / EXTRATOR Impactor / Extractor
2650	CHAVE CACHIMBO Assembling Support
2651	CHAVE SEXTAVADA Ø 3,5 mm Hex Head Screwdriver

2654	BROCA Ø 3,0 x 200 mm Drill
2655	FRESA Reamer
2656	PARAFUSO CONEXÃO Screw Guide
2657	IMPACTOR Impactor
2821	FRESA Ø 7,0 mm Reamer



ORTOSINTESE

SISTEMA DE HASTE BLOQUEADA TIBIAL - STS Smart Tibial System

Titânio

Titanium

Ti 6AL 4V Eii

ISO 5832-3

ASTM F 136



7110 GUIA TIBIAL STS
STS Guide

7097

ORTOLOCK STS

STS Ortolock

	4500 Ø9mm	4501 Ø10mm	4502 Ø11mm	COMPR.
/01	•	•	•	240
/02	•	•	•	255
/03	•	•	•	270
/04	•	•	•	285
/05	•	•	•	300
/06	•	•	•	315
/07	•	•	•	330
/08	•	•	•	345
/09	•	•	•	360
/10	•	•	•	375

Opções de Ø 12mm a 15mm estão disponíveis
sob consulta

4500
4501



4509

PONTA DE FRESA INTRAMEDULAR Intramedular Reamer

REF.	Ø mm	7096
Ref.		
7096/02	8,0	
/03	8,5	
/04	9,0	
/05	9,5	
/06	10,0	
/07	10,5	
/08	11,0	
/09	11,5	
/10	12,0	

Opções de Ø 7,5mm e
de 12,5mm a 16,0mm estão disponíveis sob consulta

PARAFUSO TAMPÃO Plug Screw

REF.	COMPR. Lenght	4508
Ref.	Standard	
4508/01		
/02	+5	
/03	+10	
/04	+15	
/05	+20	
/06	+25	
/07	+30	
/08	+35	

PARAFUSO DE TRAVA Ø 4,9 LockingScrew

REF.	COMPR.MM Lenght MM	4509
Ref.		
4509/01	25	
/02	27,5	
/03	30	
/04	32,5	
/05	35	
/06	37,5	
/07	40	
/08	42,5	
/09	45	
/10	47,5	
/11	50	
/12	52,5	
/13	55	
/14	57,5	
/15	60	
/16	65	
/17	70	
/18	75	
/19	80	
/20	85	
/21	90	
/22	95	
/23	100	
/24	105	
/25	110	
/26	115	

4507 PARAFUSO DE REDUÇÃO Reduction Screw

4507

7097/01 HASTE PARA FRESA INTRAMEDULAR Ø 7mm
Intramedular Reamer Stem

7097/02 HASTE PARA FRESA INTRAMEDULAR Ø 8mm
Intramedular Reamer Stem

7114



1717/01 MEDIDOR 120mm
Gauge 120mm

2723/03



2253/01 AFASTADOR BECKMAN ADSON Ø 160mm
Beckman Adson Retractor Ø 160mm

2939



2526 AFASTADOR DE PARTES MOLES
Retractor Tissue Protector

2583/03



2546/03 MEDIDOR EXTRA LONGO 120mm
Extra Large Gauge

2584



2583/03 FRESA GUIA
Reamer Guide

2584 GUIA DO FIO DO CINZEL
Wire Guide Chisel

2723/03 EXTRATOR DE FIO
Wire Extractor

2860/01 GUIA FIO SEM OLIVA Ø 2,9 x 505mm
Wire Guide

2862/01 GUIA FIO COM OLIVA Ø 2,9 x 505mm
Wire Guide with Sphere

2864 PINÇA PORTA FIO GUIA Ø3,0mm
Wire Tweezer Guide

2867 GUIA TUBO INTRAMEDULAR FLEXÍVEL
Intramedular Flexible Guide

2908/02 MARTELO DESLIZANTE
Sliding Mallet

2860/01



2862/01



2864



2546/03



7115



1717/01



7012



7116



2253/01



7117



7113



2526



7098



7112



2908/02



2939/02 FRESA CANULADA
Cannulated Reamer

7012 PUNÇÃO Ø 7,4mm
Puncture Ø 7,4mm

7098 CHAVE EM T PARA HASTE INTRAMEDULAR
T Wrench for Intramedular Stem

7121 IMPACTOR
Impactor

7112 SACADOR DE HASTE TIBIAL STS
Tibial Stem Extractor

7113 CANULA DE PROTEÇÃO
Protector Guide

7114 RÉGUA DE RAIOS X
X-Ray Guide

7115 BROCA GRADUADA Ø4,3x 290mm
Drill

7116 CANULA PARA BROCA Ø4,3mm
Protector Guide

7117/01 CHAVE STARDRIVE HEXALOBULAR T25
Hexalobular Stardrive Wrench T25

7117/02 CHAVE STARDRIVE HEXALOBULAR T40
Hexalobular Stardrive Wrench T40



ORTOSINTESE

SISTEMA DE HASTE BLOQUEADA FEMORAL - SFS Smart Femoral System

Titânio

Titanium

Ti 6AL 4V Eli

ISO 5832-3

ASTM F 136

ORTOLOCK SFS

SFS Ortolock

	4510 Ø9mm	4511 Ø10mm	4512 Ø11mm	4513 Ø12mm	4514 Ø13mm	4515 Ø14mm	4516 Ø15mm	COMPR. Length
/01	*	*	*	*	*	*	*	140
/02	*	*	*	*	*	*	*	160
/03	*	*	*	*	*	*	*	180
/04	*	*	*	*	*	*	*	200
/05	*	*	*	*	*	*	*	220
/06	*	*	*	*	*	*	*	240
/07	●	●	●	●	●	*	*	260
/08	●	●	●	●	●	*	*	280
/09	●	●	●	●	●	*	*	300
/10	●	●	●	●	●	*	*	320
/11	●	●	●	●	●	*	*	340
/12	●	●	●	●	●	*	*	360
/13	●	●	●	●	●	*	*	380
/14	●	●	●	●	●	*	*	400
/15	●	●	●	●	●	*	*	420
/16	●	●	●	●	●	*	*	440

● Padrão.

* Opções disponíveis sob consulta.

4518 PORCA PARA PARAFUSO CONDILAR
Condilar Screw Nut



4507 PARAFUSO DE REDUÇÃO
Reduction Screw



PARAFUSO TAMPÃO
Plug Screw

REF.	COMPR. Length
4508/01	Standard
/02	+5
/03	+10
/04	+15

4508



PARAFUSO DE TRAVA Ø 4,9
Locking Screw

REF.	COMPR.MM Length MM
4509/01	25
/02	27,5
/03	30
/04	32,5
/05	35
/06	37,5
/07	40
/08	42,5
/09	45
/10	47,5
/11	50
/12	52,5
/13	55
/14	57,5
/15	60
/16	65
/17	70
/18	75
/19	80
/20	85
/21	90
/22	95
/23	100



PARAFUSO CONDILAR
Condilar Screw

REF.	Ø mm	COMPR.MM Length MM
4517/01	5,0	40
/02	5,0	45
/03	5,0	50
/04	5,0	55
/05	5,0	60
/06	5,0	65
/07	5,0	70
/08	5,0	75
/09	5,0	80
/10	5,0	85
/11	5,0	90
/12	5,0	95
/13	5,0	100
/14	5,0	105
/15	5,0	110
/16	5,0	115
/17	5,0	120



4510
4511
4512
4513
4514



SISTEMA DE HASTE BLOQUEADA FEMORAL - SFS

Smart Femoral System



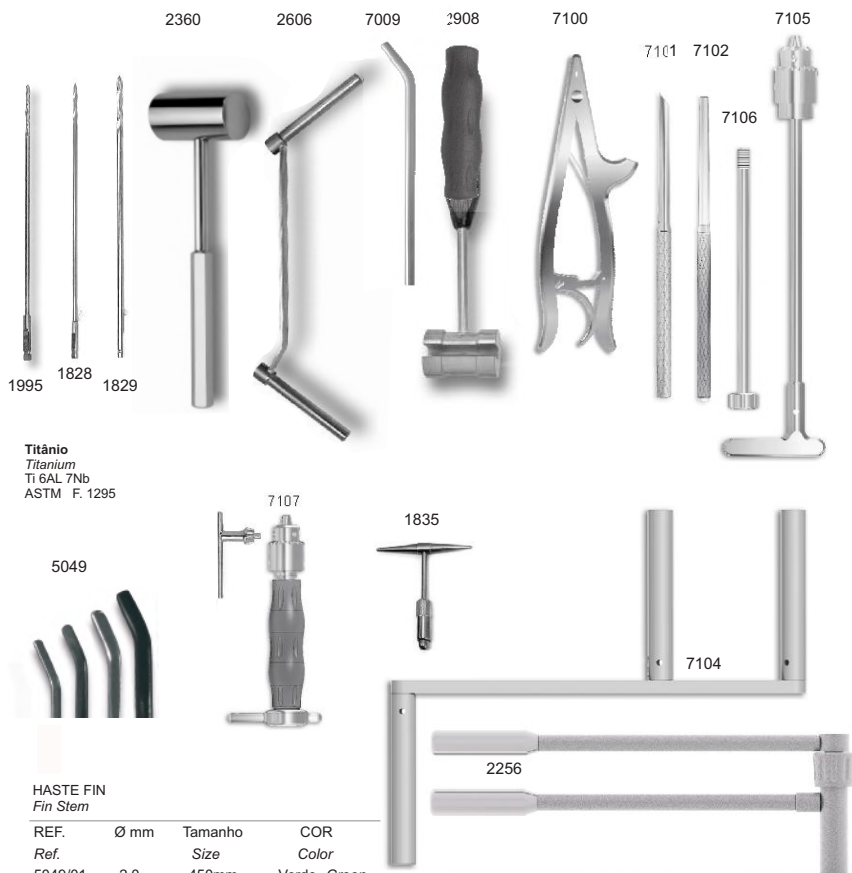
2862/09	GUIA FIO COM OLIVA Ø 2,9 x 1000mm <i>Wire Guide with Sphere</i>	7125	MEDIDOR DE PROFUNDIDADE <i>Depth Meter</i>	PONTA DE FRESA INTRAMEDULAR <i>Intramedular Reamer</i>	
2908/02	MARTELO DESLIZANTE <i>Sliding Mallet</i>	7126/01	BROCA GRADUADA Ø 4,3 x 350mm <i>Graduated Drill</i>	REF.	Ø mm
2939/02	FRESA CANULADA <i>Cannulated Reamer</i>	7126/02	BROCA Ø 4,3 x 180mm <i>Drill</i>	7096/02	8,0
7098	CHAVE EM T PARA HASTE INTRAMEDULAR <i>T Wrench for Intramedular Stem</i>	7127	ESCAREADOR <i>Reamer</i>	/03	8,5
7112	SACADOR DE HASTE <i>Stem Extractor</i>	7128/01	CHAVE STARDRIVE HEXALOBULAR T25 <i>Hexalobular Stardrive Wrench T25</i>	/04	9,0
7119	RÉGUA DE RAIO X <i>X-Ray Guide</i>	7128/02	CHAVE STARDRIVE HEXALOBULAR T40 <i>Hexalobular Stardrive Wrench T40</i>	/05	9,5
7120	CANULA DE PROTEÇÃO <i>Protector Guide</i>	7129	MEDIDOR CURVO DE PROFUNDIDADE <i>Curved Depth Meter</i>	/06	10,0
7121	IMPACTOR <i>Impactor</i>	7097/02	HASTE PARA FRESA INTRAMEDULAR Ø 8mm <i>Intramedular Reamer Stem</i>	/07	10,5
7122	GUIA DE FURAÇÃO SFS <i>SFS Guide</i>	2723	EXTRATOR DE FIO Ø 1mm <i>Wire Extractor</i>	/08	11,0
7123	CANULA DE FURAÇÃO <i>Drilling Tube</i>			/09	11,5
7124	CANULA PARA BROCA GRADUADA <i>Graduate Drill Buckle</i>			/10	12,0
				/11	12,5
				/12	13,0
				/13	13,5
				/14	14,0
				/15	14,5
				/16	15,0
				/17	15,5
				/18	16,0



ORTOSINTESE

HASTE FIN E INSTRUMENTAIS

FIN NAIL- Flexible Intramedullary Nail Instruments



Titânio
Titanium
Ti 6AL 7Nb
ASTM F. 1295

HASTE FIN Fin Stem

REF. Ref.	Ø mm	Tamanho Size	COR Color
5049/01	2,0	450mm	Verde- Green
/02	2,5	450mm	Rosa- Pink
/03	3,0	450mm	Dourado-Gold
/04	3,5	450mm	Azul-Blue
/05	4,0	450mm	Violeta - Purple

1828	BROCA Ø 3,2 X 195 mm Drill
1829	BROCA 4,5 C/ ENGATE RÁPIDO Drill
1835	CABO T "T" Handle
1995	BROCA C/ ENGATE RÁPIDO 2,8 x 140 mm Drill
2256	CORTADOR DE HASTE FIN Stem Cutter
2360	MARTELO 500 g Mallet
2606	GUIA BROCA Ø 3,2 / Ø 4,5 Drill Guide

2908	MARTELO DESLIZANTE Sliding Mallet
7009	CHAVE CURVA Curved Wrench
7100	PINÇA EXTRATORA DE HASTE Stem Extractor Forceps
7101	INTRODUTOR ANGULAR DE HASTE Angular Introducer Stem
7102	INTRODUTOR PADRÃO DE HASTE Stem Introducer
7104	REDUTOR DE FRATURA Fracture Reductor
7105	IMPACTOR Impactor
7106	GUIA DO IMPACTOR CANULADO Cannulated Impactor Guide
7107	IMPACTOR CANULADO Cannulated Impactor

HASTE INTRAMEDULAR TIPO ENDER E INSTRUMENTAL
Ender Type Intramedular Nail and Instruments



Inox
Stainless Steel
ISO 5832-1
ASTM F.138

4640
6015

2154

2155

2156

2157

2158

PINO DE ENDER Ø 4,5 mm
Ender Pin

REF.	COMPR. Lengths	REF.	COMPR. Lengths
4640 /01	300	4640/26	240
/02	310	/27	220
/03	320	/28	220
/04	330	/29	240
/05	340	/30	260
/06	350	/31	280
/07	360	/32	300
/08	370	/33	320
/09	380	/34	200
/10	390	/35	150
/11	400	/36	160
/12	410	/37	170
/13	420	/38	180
/14	430	/39	190
/15	440	/40	170
/16	450	/41	230
/17	460	/42	210
/18	470	/43	140
/19	480	/44	500
/20	490	/45	250
/21	290	/46	490
/22	280	/47	280
/23	270	/48	290
/24	260	/49	300
/25	250		

PINO DE ENDER Ø 3,5 mm
Ender Pin

REF.	COMPR. Lengths	REF.	COMPR. Lengths
6015/01	150	6015/18	320
/02	160	/19	330
/03	170	/20	340
/04	180	/21	350
/05	190	/22	360
/06	200	/23	370
/07	210	/24	380
/08	220	/25	390
/09	230	/26	400
/10	240	/27	410
/11	250	/28	420
/12	260	/29	430
/13	270	/30	440
/14	280	/31	450
/15	290	/32	460
/16	300	/33	240
/17	310	/34	260
		/35	280

Fabricamos também
comprimentos de 150mm a
290mm, nos modelos
com ou sem furos.

2154/01	PERFURADOR Perforator
2155	EXTRATOR Extractor
2156	IMPACTOR INICIAL Initial Impactor
2157	MODELADOR Bender
2158	IMPACTOR FINAL Final Impactor

Inox
Stainless Steel
ISO 5832-1
ASTM F.138

STEINMANN

LISO Plain	DIAMANTE Diamond	COMPR. 230 mm Length	COMPR. 300 mm Length
		REF. Ø	REF. Ø
		4680/01 3,5	4680/05 3,5
		/02 4,0	/06 4,0
		/03 4,5	/07 4,5
		/04 5,0	/08 5,0

LISO Plain	TROCATER Trocac	COMPR. 230 mm Length	COMPR. 300 mm Length
		REF. Ø	REF. Ø
		4684/01 2,5	4684/05 2,5
		/02 3,5	/06 3,5
		/03 4,0	/07 4,0
		/04 5,0	/08 5,0

ROSQUEADO Threaded	TROCATER Trocac	COMPR. 230 mm Length	COMPR. 300 mm Length
		REF. Ø	REF. Ø
		4688/01 2,5	4688/05 2,5
		/02 3,5	/06 3,5
		/03 4,0	/07 4,0
		/04 5,0	/08 5,0

KIRSCHNER

LISO Plain	DIAMANTE Diamond	COMPR. 230 mm Length	COMPR. 300 mm Length
		REF. Ø	REF. Ø
		4728/01 1,0	4728/04 1,0
		/02 1,5	/05 1,5
		/03 2,0	/06 2,0
		/09 2,5	/10 2,5

ROSQUEADO Threaded	DIAMANTE Diamond	COMPR. 230 mm Length	COMPR. 300 mm Length
		REF. Ø	REF. Ø
		4731/01 2,0	4731/02 2,0



4672

FIOS PARA SUTURA
Suture Wires

REF.	Ø mm	METROS <i>Meters</i>
4672/01	0,10	300
/02	0,18	150
/03	0,30	45
/04	0,60	15
/05	1,00	3
/06	1,20	3



2175 RETORCEDOR DE FIOS
Wire Twister



4736

FIO DE AÇO PARA LUQUE
Luque Steel Wire

REF.	Ø mm	mm
4736/01	1,0	200
/02	1,0	300
/03	1,0	600
/04	1,2	200
/05	1,2	300
/06	1,2	600
/07	1,0	400

FIO DE AÇO PARA LUQUE DUPLO
Double Luque Steel Wire

REF.	Ø mm	mm
4736/08	1,2	610
/09	1,0	610
/10	1,0	600
/11	1,2	600



ORTOSINTESE

GRAMPO E INSTRUMENTAL PARA EPÍFISE *Epiphyseal Staple And Instruments*



Inox

Stainless Steel
ISO 5832-1
ASTM F.138

2177	IMPACTOR INICIAL FINAL DE BLOUNT <i>Blount Initial Final Impactor</i>
2178	EXTRATOR <i>Extractor</i>

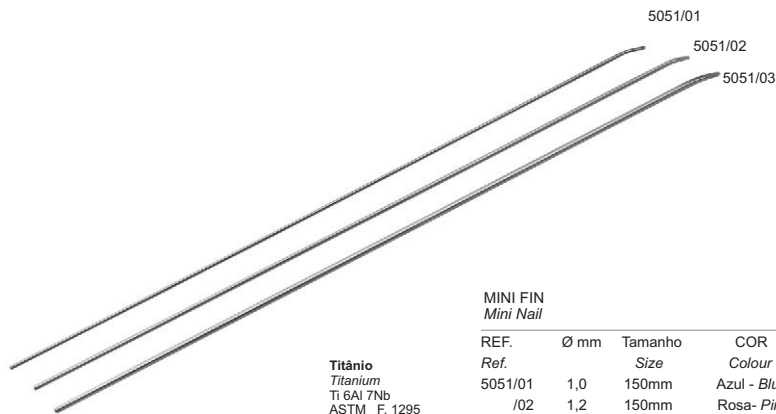
GRAMPO TIPO BLOUNT Ø 2,4 mm *Staples Blount Type*

REF.	LARGURA <i>Width</i>	ALTURA <i>Height</i>
4695	10	18
4696	10	22
4697	16	19
4698	16	22
4699	22	19
4700	22	22

GRAMPO TIPO COVENTRY *Staples Coventry Type*

REF.	LARGURA <i>Width</i>	ALTURA <i>Height</i>	mm
4701/01	24	33	5,0
/02	24	33	10,0
/03	24	33	15,0

MINI FIN
Flexible Intramedullary Minimal Nail



Titânio
Titanium
Ti 6Al 7Nb
ASTM F. 1295

MINI FIN Mini Nail			
REF. Ref.	Ø mm	Tamanho Size	COR Colour
5051/01	1,0	150mm	Azul - Blue
/02	1,2	150mm	Rosa- Pink
/03	1,5	150mm	Verde-Green



1734	CORTADOR MODELADOR DE FIOS Cutter
2171/01	CHAVE PARA INSERÇÃO DE FIO Ø1 A Ø1,5MM T wrench with chuck
2393	ALICATE CORTA FIO Pliers
2577	PERFURADOR Perforator



ORTOSINTESE

SISTEMA DE COLUNA EVOLUTION PLUS - BAIXO PERFIL

Evolution Plus Spinal System-Low Profile

GANCHO PARA TRAVAMENTO TRANSVERSO

Transverse Locking Hook

REF.	mm
4903/01	38 a 42
/02	42 a 46
/03	46 a 54
/04	54 a 70
/05	70 a 99

4760 GANCHO STI

STI Hook

4813 CONTRA PARAFUSO PEDICULAR

Pedicular Counter Screw

HASTE Ø 4,0 mm p/ STI

Rod

REF.	mm
4758/01	50
/02	70
/03	90
/04	60
/05	80
/06	100
/07	120
/08	140
/09	40

HASTE Ø 5,8 mm

Rod

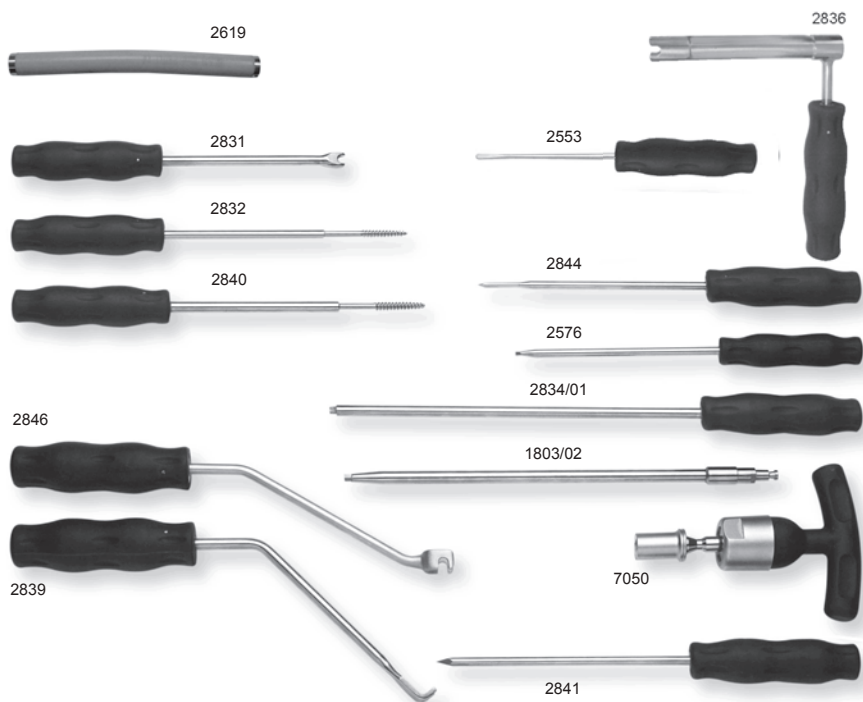
REF.	mm
4820/01	40
/02	50
/03	60
/04	70
/05	80
/06	90
/07	100
/08	110
/09	120
/10	130
/11	140
/12	150
/13	160
/14	170
/15	180
/16	190
/17	200
/18	210
/19	220
/20	240
/21	230
/22	300
/23	270
/25	30
/26	260
/27	280
/28	320
/29	340
/30	350
/31	420
/32	440
/33	380
/34	400
/35	500
/36	360
/37	450
/38	600

CROSSLINK

REF.	mm
7253/01	20-30
/02	30-45
/03	45-60
/04	60-75

Titânio
Titanium
Ti 6AL 4v Eli
ISO 5832-3
ASTM F. 136

MONOAXIAL Monoaxial				POLIAXIAL Poliaxial				ESPONDILOLISTESE Espindilolistese		
4809 Ø4,5mm	4810 Ø5,5mm	4811 Ø6,5mm	4812 Ø7,5mm	4955 Ø4,5mm	4867 Ø5,5mm	4868 Ø6,5mm	4864 Ø7,5mm	4955 Ø4,5mm	4834 Ø5,5mm	4836 Ø6,5mm
/01	35	35	35	35	35	35	30	*	35	35
/02	40	40	40	40	35	40	40	*	40	40
/03	45	45	45	45	40	45	45	*	45	45
/04	50	50	50	50	45	50	50	*	50	50
/05	30	30	30	30	20	30	30	*	30	30
/06	20	25	*	*	25	55	*	*	*	55
/07	25	*	*	*	*	60	*	60	30	60
/08	*	*	*	*	*	*	*	65	35	*
/09	*	*	*	*	*	*	*	70	40	*
/10	*	*	*	*	*	*	*	75	45	*
/11	*	*	*	*	*	*	*	80	20	*
/12	*	*	*	*	*	*	*	25	*	*



1803/02	CHAVE SEXTAVADA PARA TORQUÍMETRO 13 N <i>Hexagonal Wrench for Dynamometer</i>
2836	CHAVE CONTRA TORQUE <i>Counter Torque Wrench</i>
2839	CHAVE REDUTORA <i>Reducing Wrench</i>
2840	FRESA MACHO DE Ø 6,5 mm <i>Tap Reamer</i>
2841	PERFURADOR PONTA QUADRADA <i>Perforator With Squared Extremity</i>
2553	MEDIDOR <i>Gauge</i>
2844	INICIADOR DE FURO <i>Hole Starter</i>
2846	CHAVE CONTRA TORQUE <i>Torque Wrench</i>

2576/01	CHAVE SEXTAVADA PARA GANCHO <i>Hexagonal Wrench For Hook</i>
2831/01	GUIA REBAIXADOR DA HASTE <i>Rod Reduction Guide</i>
2832	FRESA MACHO Ø 5,5 mm <i>Tap Reamer</i>
2834/01	CHAVE SEXTAVADA POSICIONADORA DE Ø 4,5 mm <i>Hexagonal Wrench</i>
7050	MEDIDOR TORQUÍMETRO 13N <i>Dynamometer Gauge</i>

BARRA MALEÁVEL
Malleable Bar

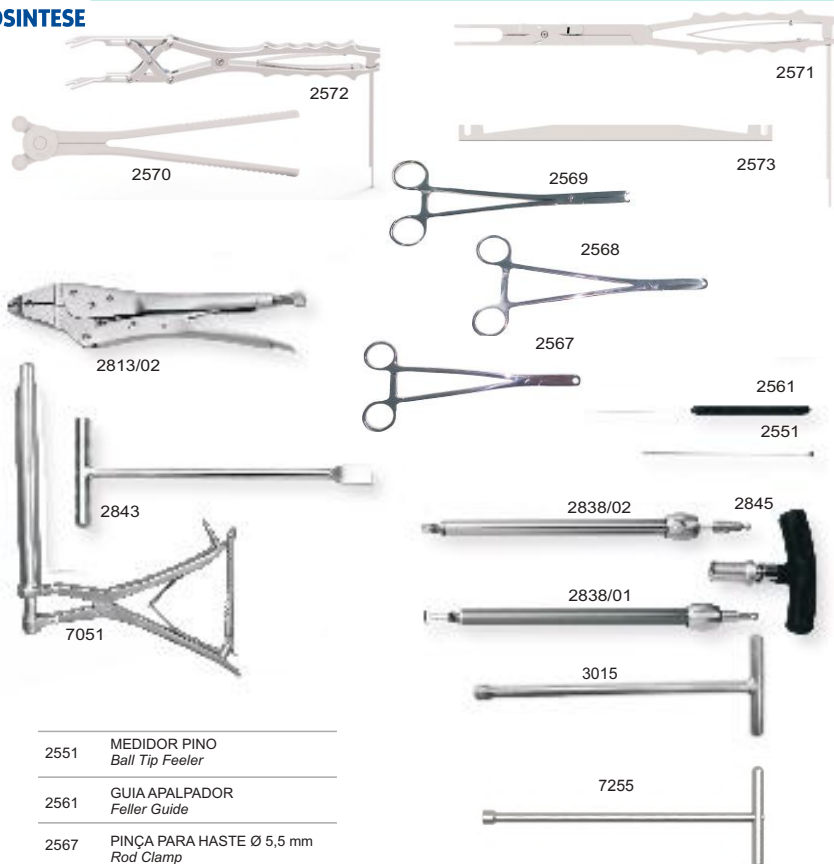
REF.	COMPR. mm Length
2619/02	70
/03	100



ORTOSINTESE

INSTRUMENTAL DE COLUNA EVOLUTION PLUS

Evolution Plus Spinal Instruments



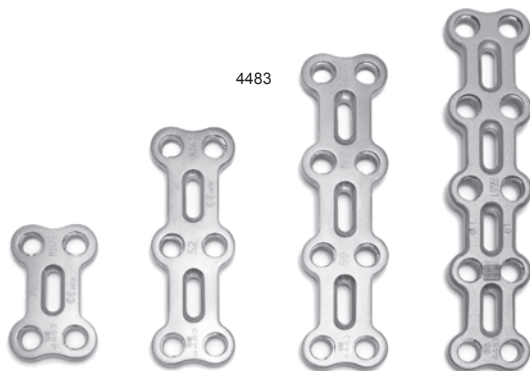
2551	MEDIDOR PINO <i>Ball Tip Feeler</i>
2561	GUIA APALPADOR <i>Feller Guide</i>
2567	PINÇA PARA HASTE Ø 5,5 mm <i>Rod Clamp</i>
2568	PINÇA PARA HASTE Ø 4,0 mm <i>Rod Clamp</i>
2569	PINÇA PARA GANCHO DTT <i>DTT Hook Clamp</i>
2570	MODELADOR DA HASTE <i>Stem Bender</i>
2571/01	PINÇA COMPRESSORA INFINITY <i>Infinity Compressing Clamp</i>
2572/01	PINÇA DISTRATORA INFINITY <i>Infinity Distractor Clamp</i>
2573/01	MODELADOR DIREITA <i>Right Bender</i>
2573/02	MODELADOR ESQUERDA <i>Left Bender</i>
2813/02	PINÇA DE PRESSÃO <i>Grippers</i>

2838/01	CHAVE P/ PARAFUSO MONOAXIAL <i>Monoaxial Screw Wrench</i>
2838/02	CHAVE P/ PARAFUSO POLIAXIAL <i>Poliaxial Screw Wrench</i>
2843	CHAVE DE RUPTURA ESCONDILO <i>Rupture Wrench</i>
2845	CABO EM "T" COM ENGATE RÁPIDO <i>"T" Cable With Quick Coupling</i>
7255	CHAVE CACHIMBO 7,0 mm <i>"T" Wrench</i>
3015	CHAVE CACHIMBO 8,0 mm <i>"T" Wrench</i>
7051	PERSUADER <i>Persuader</i>

Titânio
Titanium
Ti 6AL 4v Eli
ISO 5832-3
ASTM F. 136

PLACA CERVICAL
Cervical Plate

REF.	FUROS Holes	COMPR. mm Length
4483/01	5	29
/02	8	33
/03	8	37
/04	8	41
/05	8	46
/06	8	49
/07	8	52
/08	8	55
/09	11	57
/10	11	63
/11	11	69
/12	14	73
/13	14	77
/14	14	81
/15	14	85
/16	14	89
/17	8	31
/18	8	35
/19	5	23
/20	5	25
/21	5	27



PARAFUSO Ø 4mm
Self Lock Screw

REF.	COMPR. mm Length
4484/01	14
/02	16
/03	18
/04	20
/05	22
/06	12



PARAFUSO Ø 4,5mm
Self Lock Screw

REF.	COMPR. mm Length
4485/01	14
/02	16
/03	18
/04	20
/05	22

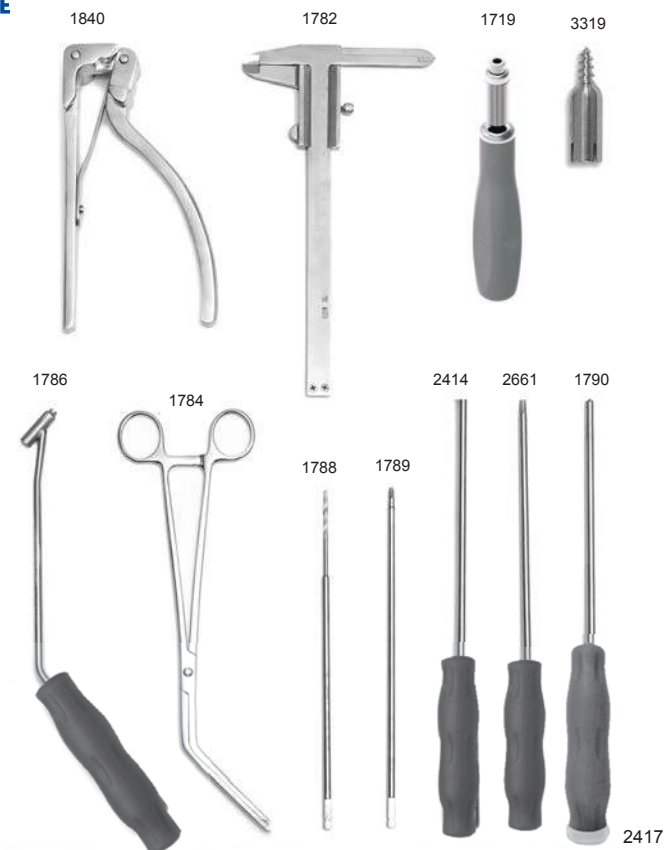




ORTOSINTESE

INSTRUMENTAL DE COLUNA CERVICAL - ORION

Instruments Cervical Plates - Orion



1719 CABO COM ENGATE RÁPIDO
Fast Connection Handle

1782 MEDIDOR DE ESPAÇO VERTEBRAL
Vertebral Space Gauge

1784 PINÇA PORTA PLACA
Plate Hol Forcep

1786 GUIA DE BROCA
Drill Guide

1788 BROCA Ø 2,9 x 10/12/14/16/18/20/22mm
Drill

1789 FRESA MACHO Ø 3,9
Tap

1790 CHAVE EXTRATORA PARA REVISÃO
Revision Extractor Wrench

1840 MODELADOR E RETORCEDOR DE PLACAS
Bending Iron For Plates

2414 CHAVE INTRODUTORA
Introduction Wrench

2417 CHAVE EXTRATORA
Extractor Wrench

2661 CHAVE EM CRUZ
Cross Wrench

3319 GUIA PARAFUSO
Screw Guide

SISTEMA DE GANCHO EVOLUTION PLUS PARA ESCOLIOSE
Evolution Plus Hook System For Scoliosis



Titânio
Titanium
Ti 6AL 4v ELI
ISO 5832-3
ASTM F. 136

PARAFUSO DE BLOQUEIO PARA GANCHO PEDICULAR
Locking Screw For Pedicular Hook

REF.	mm
4803/01	20
/03	30

HASTE Ø 5,8 mm
Rod

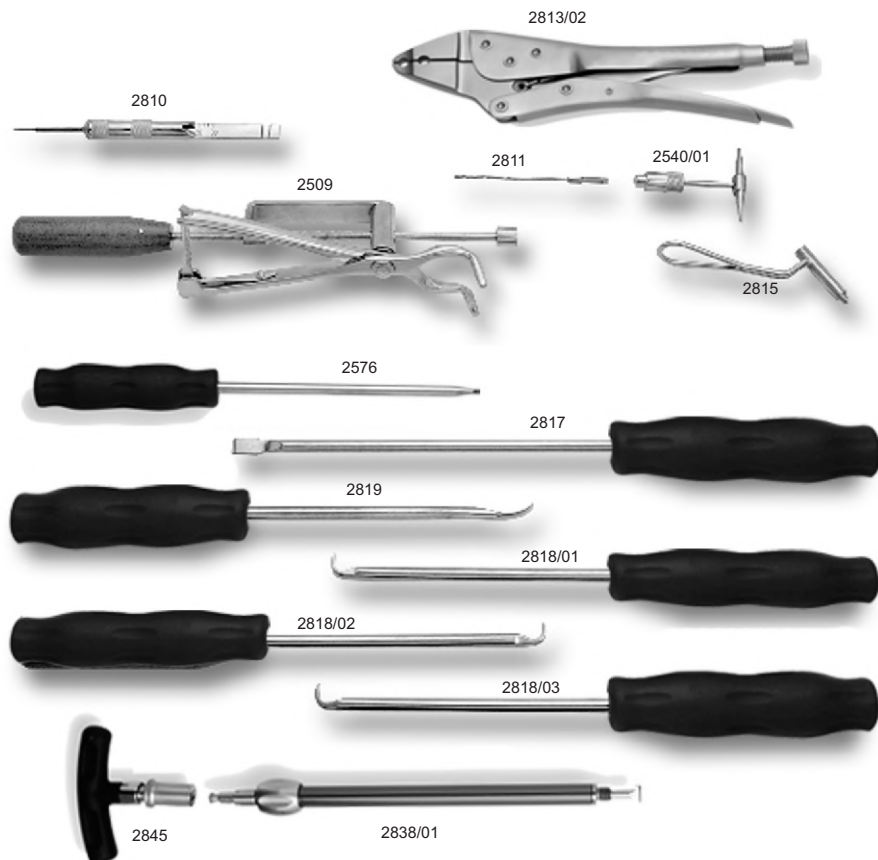
REF.	mm
4820/01	40
/02	50
/03	60
/04	70
/05	80
/06	90
/07	100
/08	110
/09	120
/10	130
/11	140
/12	150
/13	160
/14	170
/15	180
/16	190
/17	200
/18	210
/19	220
/20	240
/21	230
/22	300
/23	270
/25	30
/26	260
/27	280
/28	320
/29	340
/30	350
/31	420
/32	440
/33	380
/34	400
/35	500
/36	360
/37	450
/38	600

4813	CONTRA PARAFUSO PEDICULAR Pedicular Counter Screw
4847	GANCHO PEDICULAR Pedicular Hook
4848	GANCHO LAMINAR PEQUENO Small Laminar Hook
4849	GANCHO LAMINAR MÉDIO Medium Laminar Hook
4851	GANCHO LAMINAR DIREITO Right Laminar Hook
4852	GANCHO LAMINAR ESQUERDO Left Laminar Hook
4853	GANCHO LAMINAR GRANDE Large Laminar Hook
4901/02	GANCHO LAMINAR PARA REDUÇÃO DE ESCOLIOSE Laminar Hook For Reduction Of Scoliosis
4901/03	GANCHO PEDICULAR MÉDIO PARA REDUÇÃO DE ESCOLIOSE Medium Pedicular Hook For Reduction Of Scoliosis



ORTOSINTESE

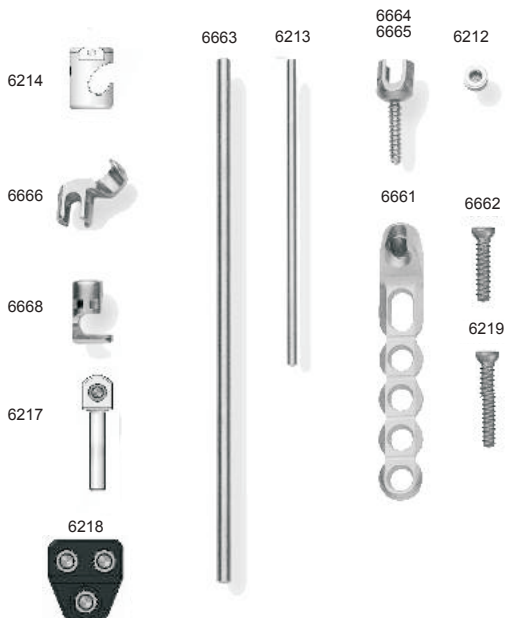
INSTRUMENTAL DE GANCHO EVOLUTION PLUS PARA ESCOLIOSE *Evolution Scoliosis Hook Instruments*



2509	PINÇA DE REDUÇÃO <i>Reduction Forceps</i>
2540/01	CHAVE EM "T" <i>"T" Wrench</i>
2576	CHAVE SEXTAVADA PARA GANCHO <i>Hex Head Screwdriver</i>
2810	MEDIDOR PARA GANCHO PEDICULAR <i>Depth Gauge</i>
2811	BROCA Ø 2,0 mm <i>Drill</i>
2813/02	PINÇA DE PRESSÃO <i>Compression Forceps</i>
2815	GUIA DE BROCA Ø 2,0 mm <i>Drill Guide</i>
2817	OSTEÓTOMO RETO <i>Straight Chisel</i>

2818/01	CINZEL LAMINAR PEQUENO <i>Small Laminar Chisel</i>
2818/02	CINZEL LAMINAR MÉDIO <i>Medium Laminar Chisel</i>
2818/03	CINZEL LAMINAR GRANDE <i>Large Laminar Chisel</i>
2819	CINZEL PEDICULAR <i>Pedicular Chisel</i>
2838/01	CHAVE P/ PARAFUSO MONOAXIAL <i>Monoaxial Screw Wrench</i>
2845	CABO EM "T" COM ENGATE RÁPIDO <i>"T" Cable With Quick Coupling</i>

Titânio
Titanium
Ti 6AL 4v Eli
ISO 5832-3
ASTM F. 136



6212	CONTRA PARAFUSO <i>Counter Screw</i>
6214	CONECTOR TRANSVERSO <i>Transverse Conector</i>
6217	CONECTOR LATERAL <i>Lateral Conector</i>
6218	CONECTOR DE HASTE <i>Rod Conector</i>
6661	PLACA OCCIPITAL <i>Occipital Plate</i>
6668/01	GANCHO CURTO <i>Short Hook</i>
6668/02	GANCHO LONGO <i>Long Hook</i>

PARAFUSO Ø 3,5 <i>Screw</i>		PARAFUSO Ø 4,0 <i>Screw</i>	
REF.	Compr.mm <i>Lenght</i>	REF.	Compr.mm <i>Lenght</i>
6662/01	6	6219/01	6
/02	8	/02	8
/03	10	/03	10
/04	12	/04	12
/05	14	/05	14
/06	16	/06	16

HASTE Ø 3,5 mm <i>Rod</i>	
REF.	Compr.mm <i>Lenght</i>
6663/01	80
/02	120
/03	240

PARAFUSO POLIAXIAL Ø3,5 mm <i>Poliaxial Screw</i>	
REF.	Compr. mm <i>Lenght</i>
6664/01	10
/02	12
/03	14
/04	16
/05	18
/06	20
/07	22
/08	24

HASTE Ø 2,5 mm <i>Rod</i>	
REF.	Compr.mm <i>Lenght</i>
6213/01	30
/02	40

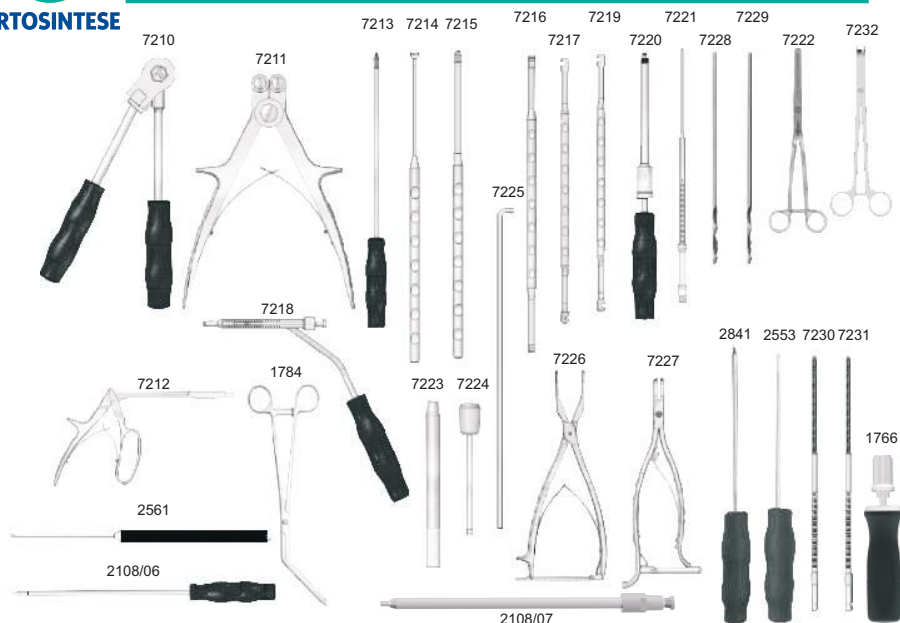
PARAFUSO POLIAXIAL Ø 4 mm <i>Poliaxial Screw</i>	
REF.	Compr. mm <i>Lenght</i>
6665/01	10
/02	12
/03	14
/04	16
/05	18
/06	20
/07	22
/08	24
/09	26
/10	28
/11	30
/12	32
/13	34
/14	36
/15	38
/16	40
/17	42
/18	46
/19	50

GANCHO CURVO <i>Curved Hook</i>	
REF.	Lado <i>Side</i>
6666/01	Direito Right
/02	Esquerdo Left



ORTOSINTESE

INSTRUMENTAL OCCIPITO CERVICAL *Cervical Occipital Instruments*



2553	MEDIDOR <i>Gauge</i>
1784	PINÇA PORTA PLACA <i>Plate Holder</i>
2108/06	CHAVE COM SEXTAVADO EXTERNO Ø 2,5 <i>Left Hexagonal Screwdriver</i>
2108/07	CHAVE COM SEXTAVADO E ENGATE Ø 2,5 <i>Hexagonal Screwdriver And Hitch</i>
2561	INSTRUMENTAL SISTEMA INFINITY DE COLUNA EVOLUTION <i>Probe</i>
2841	PERFURADOR PONTA QUADRADA <i>Awl</i>
7210	CORTADOR DE HASTES E PLACAS <i>Rod and Plate Cutter</i>
7211	MODELADOR DE HASTES E PLACAS <i>Rod and Plate Bender</i>
7212	PERSUADER <i>Persuader</i>
7213	PINÇA COM SEXTAVADO EXTERNO Ø 2,5 <i>Screw Driver</i>
7214	AJUSTADOR DE PARAFUSO <i>Screw Alignment Tool</i>
7215	INSERSOR DE CLIP CONECTOR <i>Clip Connector Insert</i>
7216	AJUSTADOR <i>Alignment Tool</i>
7217	MODELADOR ESQUERDO <i>Left Bending Iron</i>
7218	GUIA DE BROCA AJUSTÁVEL <i>Adjustable Drill</i>

1766	TORQUÍMETRO 3,5 <i>Torque meter</i>
7219	MODELADOR DIREITO <i>Right Bending Iron</i>
7220	TRAVA DO FIXADOR DE PARAFUSO <i>Plug Driver</i>
7221	MEDIDOR <i>Gauge</i>
7222	PINÇA <i>Rod Holder</i>
7223	GUIA DE BROCA Ø 4,0 MM <i>Drill Guide</i>
7224	GUIA DE CONTRA PARAFUSO <i>Counter Screw Guide</i>
7225	BARRA MALEÁVEL Ø 3,5 X 250 mm <i>Malleable Bar</i>
7226	PINÇA <i>Distractor</i>
7227	PINÇA PARA PARAFUSO POLIAXIAL <i>Poli-axial Screw Compressor</i>
7228	BROCA Ø 2,5 MM <i>Drill</i>
7229	BROCA Ø 3,5 MM <i>Drill</i>
7230	MACHO GRADUADO Ø 3,5 MM <i>Tap</i>
7231	MACHO GRADUADO Ø 4,0 MM <i>Tap</i>
7232	PINÇA PARA CONECTOR TRANSVERSO <i>Transverse Connector Holder</i>

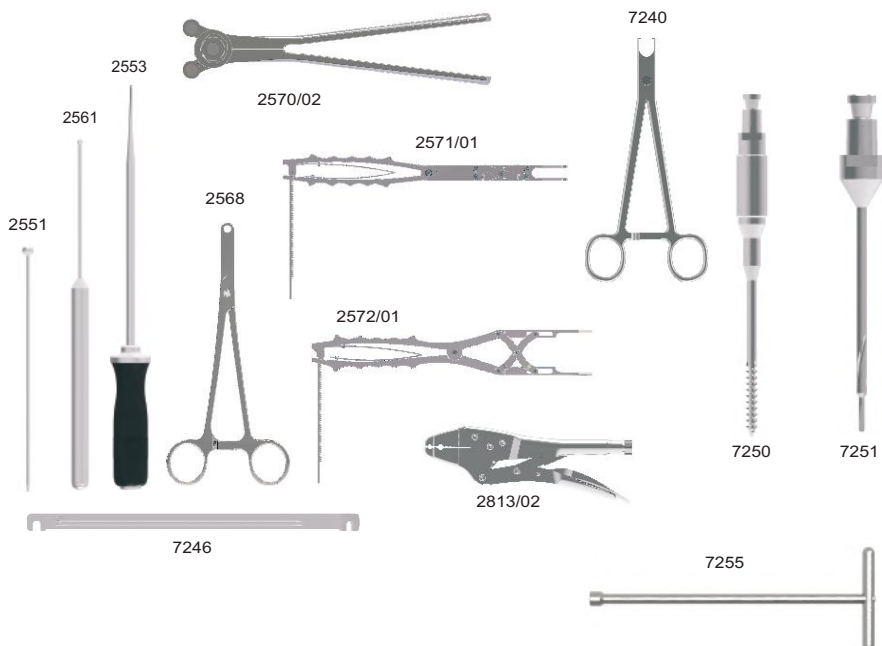


2831/01	GUIA REBAIXADOR DE HASTE <i>Rod Reduction Guide</i>	7247	CHAVE HEXALOBULAR T30 <i>Hexalobular Key T30</i>
2839	CHAVE REDUTORA <i>Reducing Wrench</i>	7247/01	CHAVE HEXALOBULAR T20 <i>Hexalobular Key T20</i>
2841	PERFURADOR PONTA QUADRADA <i>Perforator With Squared Extremity</i>	7248	CHAVE POSICIONADORA HEXALOBULAR T30 <i>Hexalobular Positioning Key T30</i>
2845	CABO EM "T" COM ENGATE RÁPIDO <i>"T" Cable With Quick Coupling</i>	7249/01	CHAVE P/ PARAFUSO POLIAXIAL DELTA <i>Key For Poliaxial Delta Screw</i>
7241/01	MEDIDOR DE PROFUNDIDADE <i>Depth Gauge</i>	7249/02	CHAVE P/ PARAFUSO PEDICULAR DELTA <i>Key For Pedicular Delta Screw</i>
7242/01	POSICIONADOR DE TORQUE <i>Torque Positioner</i>		
7243	PERSUADER PARAFUSO POLIAXIAL <i>Persuader Poliaxial Screw</i>		
7050	MEDIDOR TORQUÍMETRO <i>Dynamometer Gauge</i>		
7245	TREFINA PARA ENXERTO ÓSSEO <i>Trefina For Bone Disease</i>		
7244	PERSUADER P/ PARAFUSO DE ESPONDILOLISTESE <i>Persuader</i>		



ORTOSINTESE

INSTRUMENTAL DE COLUNA DELTA *Delta Spinal Instruments*



2551	MEDIDOR PINO <i>Ball Tip Feeler</i>
2561	GUIA APALPADOR <i>Feller Guide</i>
2553	MEDIDOR <i>Gauge</i>
2568	PINÇA PARA HASTE Ø 4,0 mm <i>Rod Clamp</i>
2570/02	MODELADOR <i>Bending</i>
2571/01	PINÇA DE COMPRESSORA <i>Compressing Clamp</i>
2572/01	PINÇA DISTRATORA <i>Distractor Clamp</i>
7240	PINÇA <i>Grippers</i>
2813/02	PINÇA DE PRESSÃO <i>Pressure Clamp</i>
7245	TREFINA <i>Trefina For Bone Disease</i>
7255	CHAVE CACHIMBO 7,0mm <i>"T" Wrench</i>

7246/01	MODELADOR DE PLACA DIREITO <i>Right Plate Modeler</i>
7246/02	MODELADOR DE PLACA ESQUERDO <i>Right Plate Modeler</i>

MACHO P/ PARAFUSO POLIAXIAL *Male For Poliaxial Screw*

REF.	Ø
7250/01	4,5
/02	5,5
/03	6,5
/04	7,5

MACHO P/ PARAFUSO PEDICULAR *Male For Pedicular Screw*

REF.	Ø
7250/05	4,5
/06	5,5
/07	6,5
/08	7,5

BROCA PARA PARAFUSO *Screw Drill*

REF.	Ø
7251/01	4,5
/02	5,5
/03	6,5
/04	7,5

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ISO 5832-3
ASTM F. 136

PARAFUSO POLIAXIAL DELTA <i>Delta Pollaxial Screw</i>					PARAFUSO PEDICULAR DELTA <i>Delta Pedicular Screw</i>				
	5080 Ø4,5	5081 Ø5,5	5082 Ø6,5	5083 Ø7,5	5084 Ø4,5	5085 Ø5,5	5086 Ø6,5	5087 Ø7,5	
/01	20mm	25mm	25mm	25mm	20mm	25mm	25mm	30mm	
/02	25mm	30mm	30mm	30mm	25mm	30mm	30mm	35mm	
/03	30mm	35mm	35mm	35mm	30mm	35mm	35mm	40mm	
/04	35mm	40mm	40mm	40mm	35mm	40mm	40mm	45mm	
/05	40mm	45mm	45mm	45mm	40mm	45mm	45mm	50mm	
/06	45mm	50mm	50mm	50mm	45mm	50mm	50mm	55mm	
/07	-	55mm	55mm	55mm	50mm	55mm	55mm	60mm	
/08	-	-	-	60mm	-	-	-	-	



5088	CONTRA PARAFUSO DELTA <i>Against Delta Screw</i>
5089	GANCHO TRANSVERSO DELTA <i>Delta Transverse Hook</i>
5090/01	CONECTOR LATERAL DELTA 16 <i>Side Connector Delta 16</i>
5090/02	CONECTOR LATERAL DELTA 26 <i>Side Connector Delta 26</i>
5090/03	CONECTOR LATERAL DELTA 36 <i>Side Connector Delta 36</i>



HASTE Ø 5,8mm

REF.	mm
5091/01	30
/02	40
/03	50
/04	60
/05	70
/06	80
/07	90
/08	100
/09	110
/10	120
/11	130
/12	140
/13	150
/14	160
/15	170
/16	180



CROSSLINK

REF.	mm
7253/01	20-30
/02	30-45
/03	45-60
/04	60-75



BARRA CHATA
Flat Bars

REF.	mm
5092/01	50
/02	60
/03	70
/04	80
/05	90

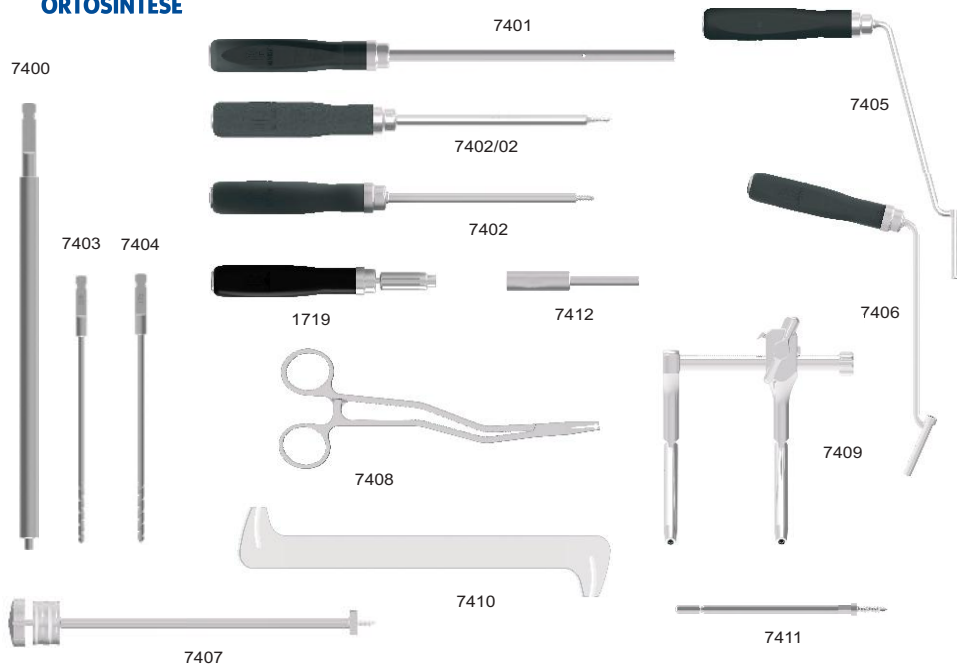




ORTOSINTESE

INSTRUMENTAL DE COLUNA CERVICAL TITAN

Titan Cervical Spinal Instruments



7400	CHAVE SEXTAVADA <i>Hex Key</i>
7401	CHAVE DE INSERÇÃO DO PINO CERVICAL <i>Cervical Pin Insertion Key</i>
7402	MACHO Ø4,5mm <i>Reamer</i>
7402/02	MACHO Ø4mm <i>Reamer</i>
7403	BROCA VARIÁVEL COM CORREÇÃO DE PERFURAÇÃO Ø2,5mm <i>Variable Drill With Drilling Correction</i>
7404	BROCA FIXA Ø2,7mm <i>Fixed Drill</i>
7405	GUIA DE BROCA SIMPLES <i>Simple Drill Guide</i>
7406	GUIA DE BROCA DUPLO <i>Double Drill Guide</i>
7407	IMPACTOR DE ENXERTO <i>Graft Impactor</i>
7408	PINÇA PARA PLACA CERVICAL <i>Cervical Plate Clamp</i>
7409	DISTRATOR E COMPRESSOR CERVICAL <i>Cervical Plate Clamp</i>
7410	MODELADOR DE PLACA <i>Plate Modeler</i>

7411	PINO CERVICAL TEMPORÁRIO <i>Temporary Cervical Pin</i>
1719	CABO COM ENGATE RÁPIDO <i>Cable With Quick Coupling</i>

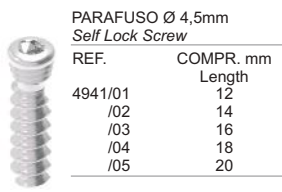
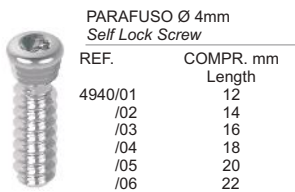
CANULA LIMITADORA DE BROCA *Drill Limiting Cane*

REF.	mm
7412/01	14
/02	16
/03	18
/04	20
/05	22

Titânio
Titanium
Ti 6AL 4v Eli
ISO 5832-3
ASTM F. 136

PLACA CERVICAL TITAN
Titan Cervical Plate

REF.	COMPR.mm Length
4939/01	14
/02	16
/03	18
/04	20
/05	22
/06	24
/07	26
/08	28
/09	30
/10	32
/11	34
/12	36
/13	38
/14	40
/15	42
/16	44
/17	46
/18	48
/19	50
/20	52
/21	54





ORTOSINTESE

ESPAÇADOR TLIF TLIF Spacer

ESPAÇADOR TLIF TLIF Spacer

REF.	Larg. x Compr.
6616/01	7 x 25
/02	8 x 25
/03	9 x 25
/04	10 x 25
/05	11 x 25
/06	12 x 25
/07	13 x 25
/08	14 x 25
/09	15 x 25
/10	16 x 25
/11	17 x 25
/12	7 x 30
/13	8 x 30
/14	9 x 30
/15	10 x 30
/16	11 x 30
/17	12 x 30
/18	13 x 30
/19	14 x 30
/20	15 x 30
/21	16 x 30
/22	17 x 30



25mm



30mm

6616

Peek
ASTM F2026



7968/01



7971/01



7966/01



7969/01

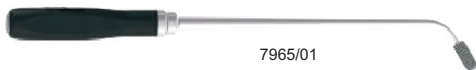
7967/01



7971/02



7964



7965/01

7970/01



2845



6616	ESPAÇADOR TLIF TLIF Spacer
7965/01	RASPA Scrape
7966/01	EMPURADOR INCLINADO Inclined Pusher
7967/01	COMPACTOR Compactor
7968/01	FUNIL Funnel
7969/01	HASTE DO GANCHO Hook Rod
7970/01	BLOCO COMPACTOR Compactor Block
7971/01	CHAVE DE INSERÇÃO Insert Key
7971/02	CHAVE DE INSERÇÃO ESPAÇADOR TLIF 30 TLif 30 Spacer Insertion Key
2845	CABO EM "T" COM ENGATE RÁPIDO "T" Cable With Quick Coupling

MEDIDOR CAGE TLIF Cage TLIF Meter

REF.	mm
7964/01	07
/02	08
/03	09
/04	10
/05	11
/06	12
/07	13
/08	14
/09	15
/10	16
/11	17



Peek
ASTM F2026

CAGE CERVICAL
Cage Cervical

REF.	mm
6617/01	4,0
/02	4,5
/03	5,0
/04	5,5
/05	6,0
/06	6,5
/07	7,0
/08	7,5
/09	8,0
/10	8,5
/11	9,0



6617

7972/01



7973/01



7973/02



7975/01



7974

6617 CAGE CERVICAL
Cage Cervical

7972/01 BATEDOR
Beater

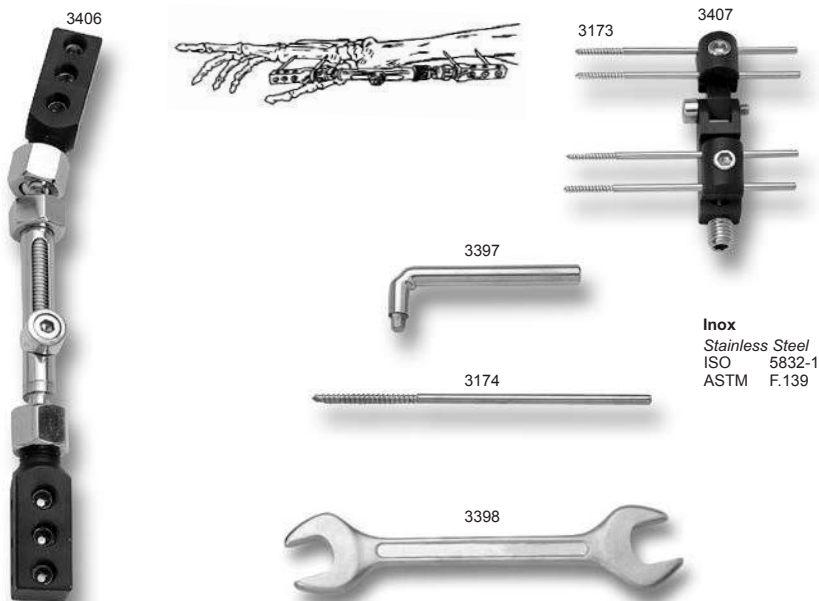
7973/01 CHAVE PARA CAGE M3
Key For Cage M3

7973/02 CHAVE PARA CAGE M2
Key For Cage M2

7975/01 MESA DE ENXERTO
Frying Table

MEDIDOR CAGE CERVICAL
Cage Cervical Meter

REF.	mm
7974/01	4,0
/02	4,5
/03	5,0
/04	5,5
/05	6,0
/06	6,5
/07	7,0
/08	7,5
/09	8,0
/10	8,5
/11	9,0



3173/01	PINO DE SCHANZ <i>Schanz Pins</i>	Ø 2,5 x 50 mm
3173/02	PINO DE SCHANZ <i>Schanz Pins</i>	Ø 2,5 x 100 mm
3174/01	PINO DE SCHANZ <i>Schanz Pins</i>	Ø 3,2 x 100 mm
3174/02	PINO DE SCHANZ <i>Schanz Pins</i>	Ø 3,2 x 160 mm
3397	CHAVE ALLEN <i>Allen Wrench</i>	4 mm

3406	FIXADOR EXTERNO PARA ANTEBRAÇO E PUNHO <i>External Fixator for Wrist and Forearm</i>
3407	FIXADOR EXTERNO PARA DEDO <i>External Fixator for Fingers</i>

FIXADOR EXTERNO PARA REDUÇÃO E ALONGAMENTO

External Fixator for Reduction and Alngation



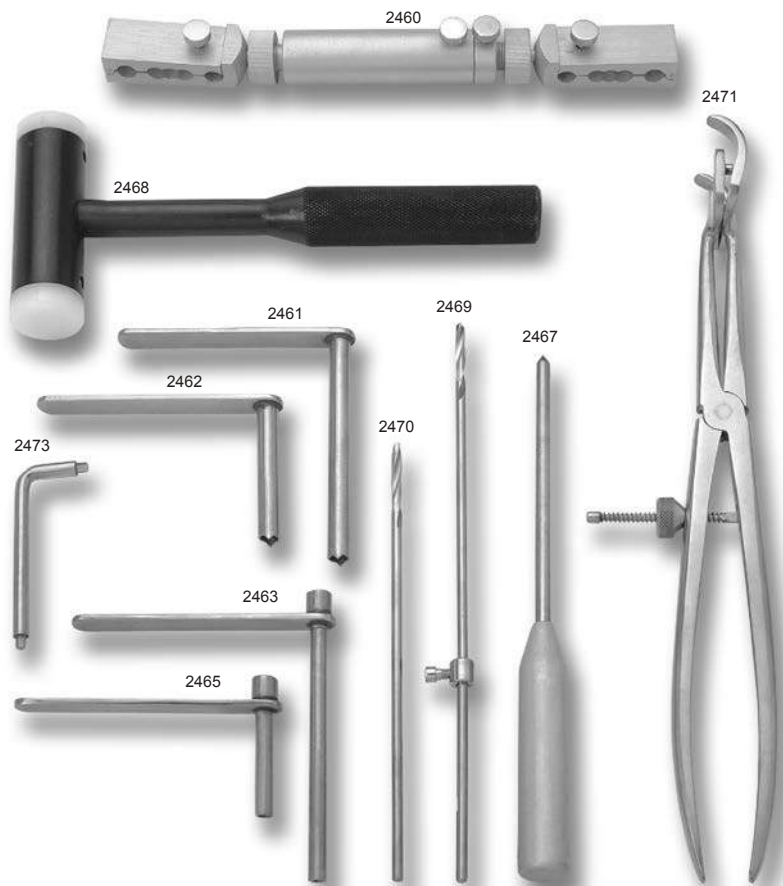
Inox
 Stainless Steel
 ISO 5832-1
 ASTM F.139

3423/01	FIXADOR SINTEFIX PEQUENO <i>Small Sintefix Fixator</i>	3433/01	FIXADOR SINTEFIX COM CABEÇA EM T. PEQUENO <i>Small T Head Sintefix Fixator</i>
3423/02	FIXADOR SINTEFIX MÉDIO <i>Medium Sintefix Fixator</i>	3433/02	FIXADOR SINTEFIX COM CABEÇA EM T. MEDIO <i>Medium T Head Sintefix Fixator</i>
3423/03	FIXADOR SINTEFIX GRANDE <i>Large Sintefix Fixator</i>	3433/03	FIXADOR SINTEFIXCOM CABEÇA EM T. GRANDE <i>Large T Head Sintefix Fixator</i>
3424	CHAVE EM "L" HEXAGONAL <i>Hexagonal "L" Wrench</i>	3434/01	FIXADOR ANGULAR PEQUENO <i>Small Angular Fixator</i>
3425/01	ALONGFIX GRANDE <i>Large Alongfix Fixator</i>	3434/02	FIXADOR ANGULAR MÉDIO <i>Medium Angular Fixator</i>
3425/02	ALONGFIX PEQUENO <i>Small Alongfix Fixator</i>	3434/03	FIXADOR ANGULAR GRANDE <i>Large Angular Fixator</i>
		4746	PINO SCHANZ 6 x 180 <i>Schanz Pin 6 x 180</i>



ORTOSINTESE

INSTRUMENTAL SINTEFIX
Sintefix Instruments



2460	GABARITO DE FURAÇÃO GRANDE <i>Large Boring Guide</i>
2461	GUIA DE PARAFUSO 100 mm (6 PEÇAS) <i>Screw Guide</i>
2462	GUIA DE PARAFUSOS 60 mm (6 PEÇAS) <i>Screw Guide</i>
2467	PERFURADOR <i>Perforator</i>
2468	FIXADOR AXIAL DINAMICO "MARTELO" <i>Dinamic Axial Fixator "Mallets"</i>
2471	CLAMP PARA AJUSTE DE FIXADOR (2 PEÇAS) <i>Fixator Adjusting Clamp (2 pieces)</i>
2473	CHAVE SEXTAVADA <i>Hexagonal "L" Wrench</i>

BROCA COM STOP
Drill With Stop

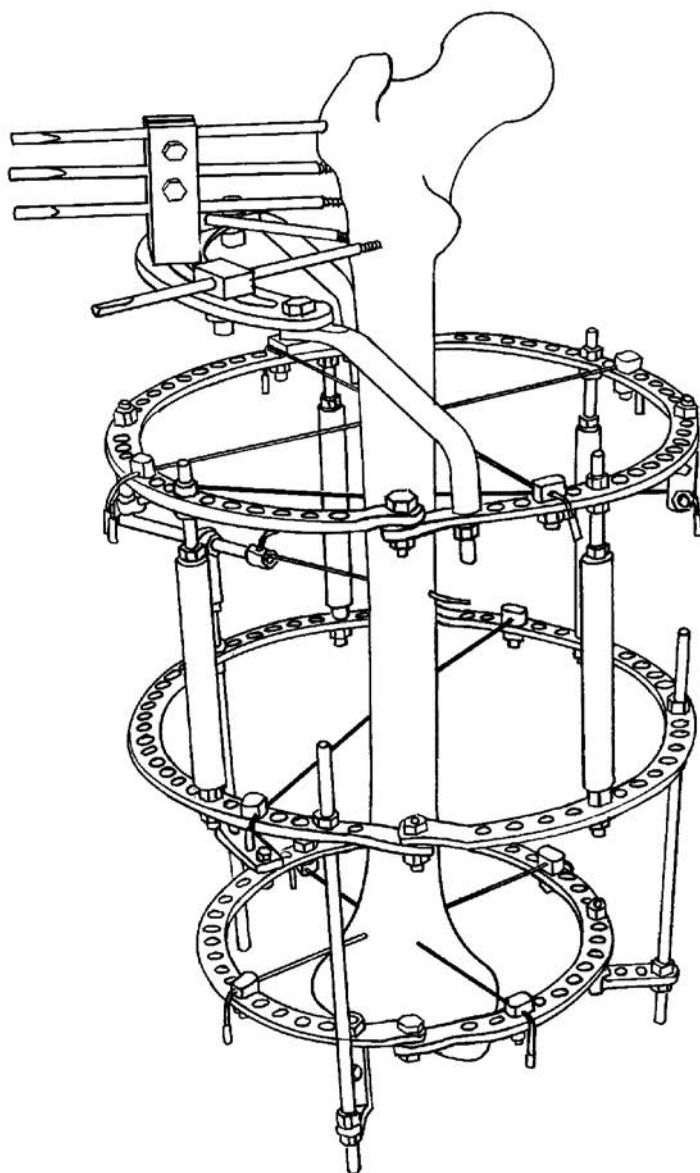
REF.	Ø	COMPR. Length
2469/01	4,5	180
/02	4,5	240
/03	3,2	200

BROCA SEM STOP
Drill Without Stop

REF.	Ø	COMPR. Length
2470/01	4,5	180
/02	4,5	240
/03	3,2	200

GUIA DE BROCA
Drill Guide

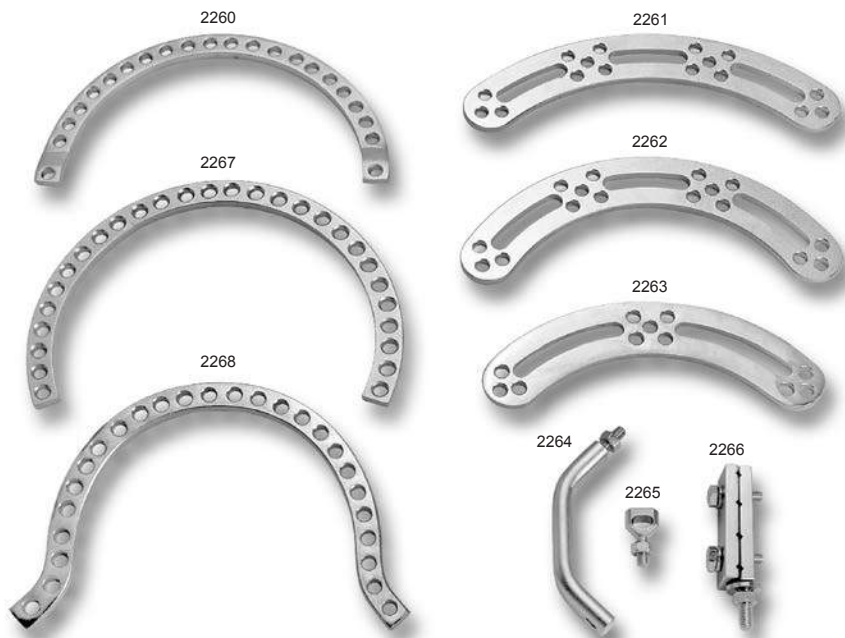
REF.	Ø	COMPR. Length
2463/01	4,8	80
/02	3,2	80
2465/01	4,8	40
/02	3,2	40





ORTOSINTESE

FIXADOR EXTERNO PARA REDUÇÃO E ALONGAMENTO MODELO "ILIZAROV"
External Fixator for Reduction and Alongation Model "Ilizarov"



2261	SEMI ANEL DE FÊMUR 140° <i>Femur Semi Ring</i>
2262	SEMI ANEL DE FÊMUR 120° <i>Femur Semi Ring</i>
2263	SEMI ANEL DE FÊMUR 100° <i>Femur Semi Ring</i>
2264	SUPOORTE DE SEMI ANEL <i>Semi Ring Support</i>
2265	PORTA PINO DE SCHANZ PEQUENO <i>Small Schanz Pin Holder</i>
2266	PORTA PINO DE SCHANZ GRANDE <i>Large Schanz Pin Holder</i>

SEMI ANEL 5/8
Semi Ring

REF.	Ø INTERNO Internal
2267/01	120
/02	130
/03	160

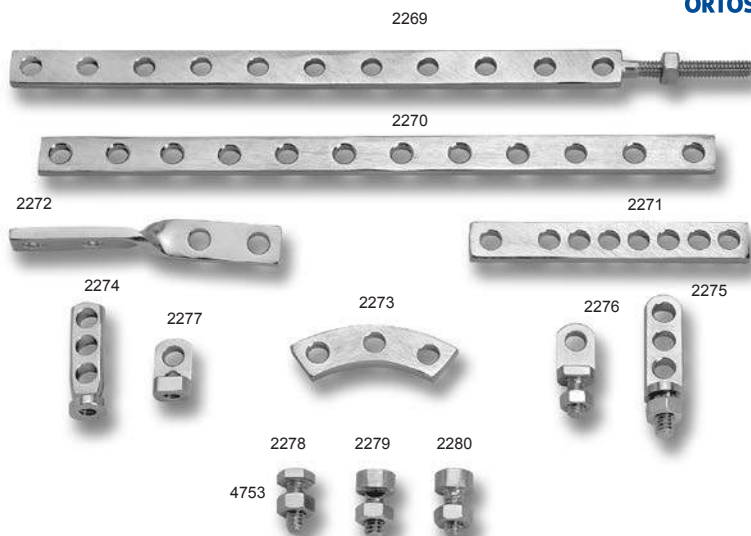
SEMI ANEL COM EXTREMIDADE ANGULADA
Semi Ring With Angled Extremity

REF.	Ø INTERNO Internal
2268/01	120
/02	130
/03	150

SEMI ANEL
Semi Ring

REF.	Ø INTERNO Internal
2260/01	100
/02	110
/03	120
/04	130
/05	140
/06	150
/07	160
/08	180
/09	200
/10	220
/11	240

FIXADOR EXTERNO PARA REDUÇÃO E ALONGAMENTO MODELO "ILIZAROV"
External Fixator for Reduction and Elongation Model "Ilizarov"



2273	PLACA CURVA <i>Curved Plate</i>
2276	SUPOORTE DE LIGAÇÃO COM ROSCA MACHO <i>Connection Support With Male Thread</i>
2277	SUPOORTE DE LIGAÇÃO COM ROSCA FÊMEA <i>Connection Support With Female Thread</i>
2279	PARAFUSO FIXA FIO COM FURO PASSANTE <i>Wire Fix Screw With Passer-By Hole</i>
2280	PARAFUSO TENSOR DE FIOS COM CANAL <i>Wire Tightener Screw With Canal</i>
4753	PORCA SEXTAVADA M6 <i>Hexagonal Nut</i>

PLACA DE CONEXÃO ROSQUEADA
Threaded Connection Plate

REF.	FUROS Holes	COMPR. Length
2269/01	4	116
/02	7	176
/03	9	216
/04	11	256

PLACA DE CONEXÃO
Connection Plate

REF.	FUROS Holes	COMPR. Length
2270/01	8	155
/02	12	235
/03	17	335

BANDEIRA FÊMEA
Support With Female Thread

REF.	FUROS Holes	COMPR. Length
2274/01	2	40
/02	3	50
/03	4	60

BANDEIRA MACHO
Support With Male Thread

REF.	FUROS Holes	COMPR. Length
2275/01	2	27
/02	3	37
/03	4	47

PLACA DE CONEXÃO

REF.	FUROS Holes	COMPR. Length
2271/01	3	45
/02	4	55
/03	5	65
/04	6	75
/05	7	85
/06	8	95
/07	9	105
/08	10	115

PLACA BI PLANA
Bi Plane Plate

REF.	FUROS Holes	COMPR. Length
2272/01	2	45
/02	3	65
/03	4	85

PARAFUSO COM CABEÇA SEXTAVADA
Hexagonal Screw With Head

REF.	COMPR. Length
2278/01	15
/02	25
/03	30



ORTOSINTESE

INSTRUMENTAL MODELO "ILIZAROV" "Ilizarov" Model Instruments

2283
2282



Inox

Stainless Steel

ISO 5832-1

ASTM F.138

2281



2325



2281	DINAMÔMETRO <i>Dynamometer</i>
2325	EXTRATOR DE FIOS <i>Wire Extractor</i>

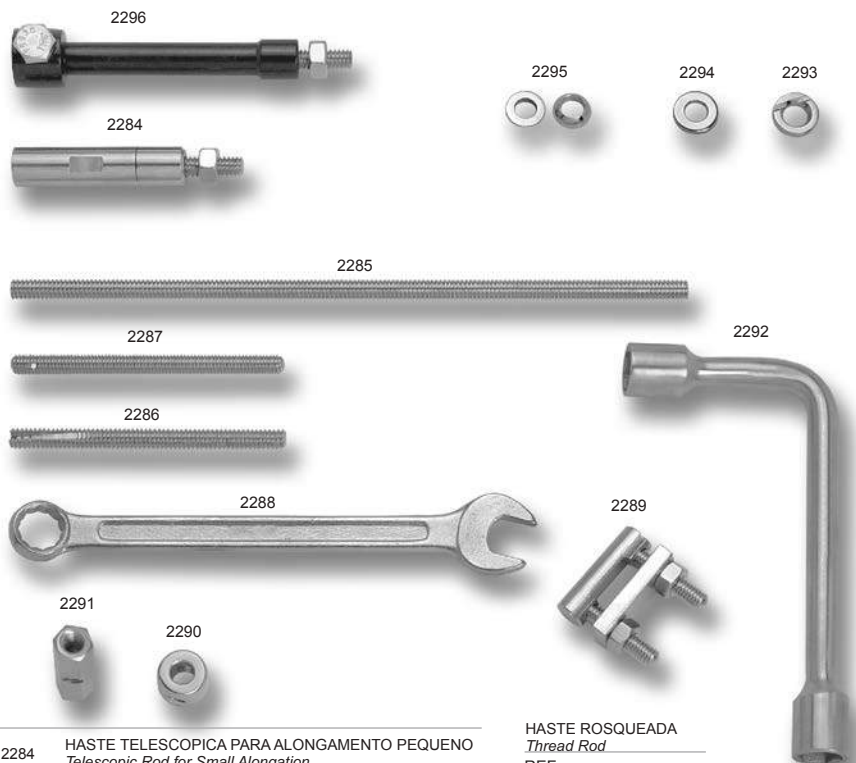
FIO LISO *Smooth Wire*

REF.	COMPR. Length	Ø mm
2282/01	250	1,5
/02	370	1,8

FIO LISO ESFERA *Smooth Wire With Sphere*

REF.	COMPR. Length	Ø mm
2283/01	250	1,5
/02	400	1,8

FIXADOR EXTERNO PARA REDUÇÃO E ALONGAMENTO MODELO "ILIZAROV" External Fixator for Reduction and Alongation Model "Ilizarov"



2284	HASTE TELESCOPICA PARA ALONGAMENTO PEQUENO <i>Telescopic Rod for Small Alongation</i>
2287	HASTE ROSQUEADA COM ORIFICIO NA PONTA 120 mm <i>Threaded Rod with One Hole in The Extremity</i>
2288	CHAVE COMBINADA 10 <i>Combination Wrench</i>
2289	SUPORTE DESLIZANTE DESMONTAVEL <i>Sliding Dismountable Support</i>
2290	BUCHA CILINDRICA <i>Cylindrical Bushing</i>
2291	BUCHA HEXAGONAL <i>Hexagonal Bushing</i>
2292	CHAVE EM L <i>"L" Handle</i>
2293	ARRUELA COM CANAL <i>Washer With Channel</i>
2295	ARRUELA CÔNCAVA <i>Concave / Convex Washer</i>
2296	HASTE TELESCOPICA MÉDIO <i>Medium Telescopic Rod</i>

HASTE ROSQUEADA *Thread Rod*

REF.	mm
2285/01	80
/02	100
/03	120
/04	150
/05	200
/06	250
/07	300

HASTE ROSQUEADA COM CANAL *Thread Rod With Channel*

REF.	mm
2286/01	40
/02	60

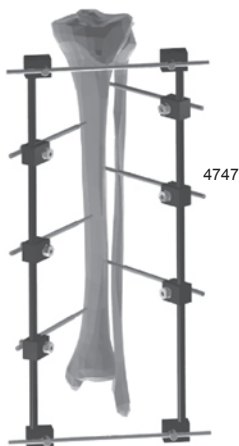
ARRUELA LISA *Smooth Washer*

REF.	mm
2294/01	1,5
/02	2,0



ORTOSINTESE

SISTEMA DE FIXAÇÃO EXTERNA "LAYFIX" External Fixation System "Layfix"



Inox
Stainless Steel
ISO 5832-1
ASTM F 138



2235/02	CHAVE COMBINADA 10 mm <i>Combined Wrench</i>
4745/01	PINO DE SCHANZ Ø 4,8 x160 mm <i>Schanz Pin</i>
4745/02	PINO DE SCHANZ Ø 4,8 x200 mm <i>Schanz Pin</i>
4751	CONECTOR <i>Connector</i>
4756	BARRA LISA Ø 4,8 mm <i>Smooth Rod</i>



FIXADOR LAYFIX *Layfix Fixator*

4747/01	250 mm
/02	300 mm
/03	350 mm
/04	400 mm

BARRA LISA Ø 8 mm em alumínio *Smooth Rod in aluminium*

REF.	COMPR. Length
4755/01	250
/02	300
/03	350
/04	400

SISTEMA DE FIXAÇÃO TUBULAR

Tubular Fixation System



ORTOSINTESE

1618	PERFURADOR PUNÇÃO GRANDE <i>Large Punch</i>
1619	GUIA DE BROCA GRANDE <i>Large Drill guide</i>
1620/01	GUIA PROTETOR PEQUENO <i>Small Protection Guide</i>
1620/02	GUIA PROTETOR GRANDE <i>Large Protector Guide</i>
2580/03	BROCA Ø 2,5X250 mm <i>Drill</i>
2580/04	BROCA Ø 3,2X250 mm <i>Drill</i>

TUBO AÇO INOX Ø 10 mm

Stainless Steel Tube

REF.	COMPR. Length
2601/01	100
/02	200
/03	250
/04	300
/05	400

TUBO AÇO INOX Ø 11 mm

Stainless Steel Tube

REF.	COMPR. Length
2611/01	100
/02	200
/03	250
/04	300
/05	400

Inox
Stainless Steel
ISO 5832-1
ASTM F.139

2171	CHAVE "T" <i>"T" Wrench</i>
2595/01	CONECTOR PARA ALONGADOR DO TUBO Ø 10 mm <i>Conector For Tube Extender</i>
2595/02	CONECTOR PARA ALONGADOR DO TUBO Ø 11 mm <i>Conector For Tube Extender</i>
2602	CHAVE COMBINADA 10 X 10 mm <i>Combined Wrench</i>
3175/03	PINO DE SCHANZ Ø 5 x 150mm <i>Schanz Pin</i>
4745/01	PINO DE SCHANZ Ø 4,8 mm x 160 mm <i>Schanz Pin</i>
4745/02	PINO DE SCHANZ Ø 4,8 mm x 200 mm <i>Schanz Pin</i>

JUNTA UNIVERSAL TUBO PINO

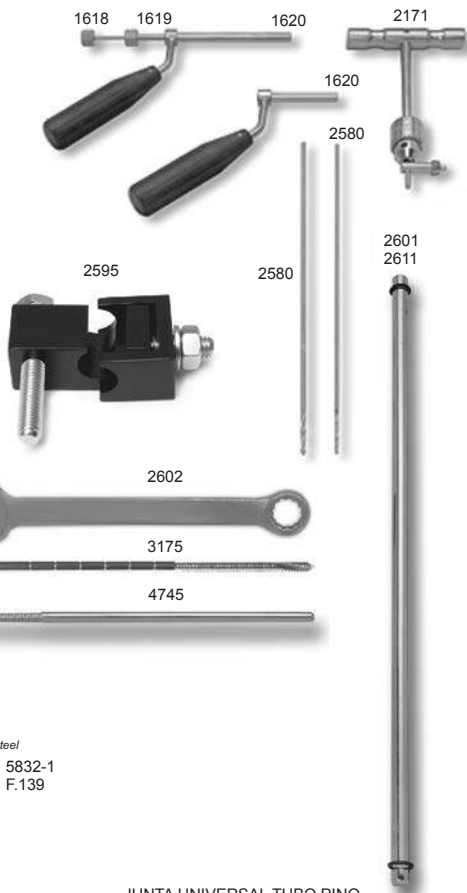
Tube Pin Universal Joint

REF.	Ø
2599/01	10mm
/02	11mm

JUNTA UNIVERSAL TUBO TUBO

Tube Tube Universal Joint

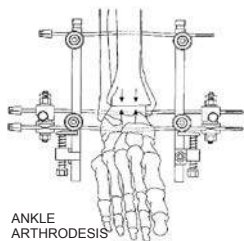
REF.	Ø
2600/01	10mm
/02	11mm



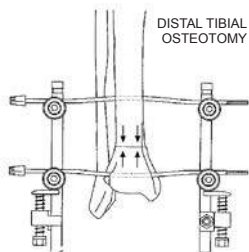


ORTOSINTESE

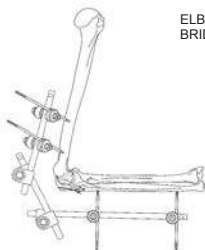
SISTEMA DE FIXAÇÃO TUBULAR *Fixation System Tubulate*



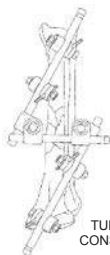
ANKLE
ARTHRODESIS



DISTAL TIBIAL
OSTEOTOMY

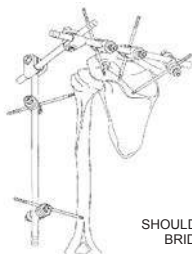


ELBOW
BRIDGE



TIBIA
TUBE TO TUBE
CONSTRUCTION

KNEE ARTHRODESIS



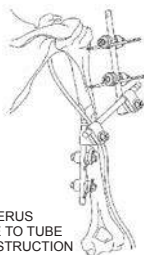
SHOULDER
BRIDGE



TIBIA
DOUBLE-TUBE
CONSTRUCTION



TIBIA
SINGLE-TUBE
CONSTRUCTION

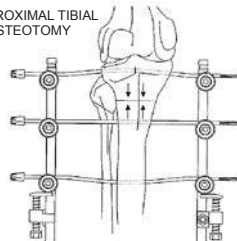


HUMERUS
TUBE TO TUBE
CONSTRUCTION

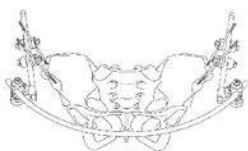
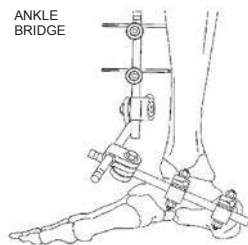


FEMUR
TUBE TO TUBE
CONSTRUCTION

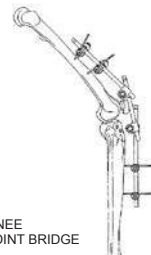
PROXIMAL TIBIAL
OSTEOTOMY



ANKLE
BRIDGE



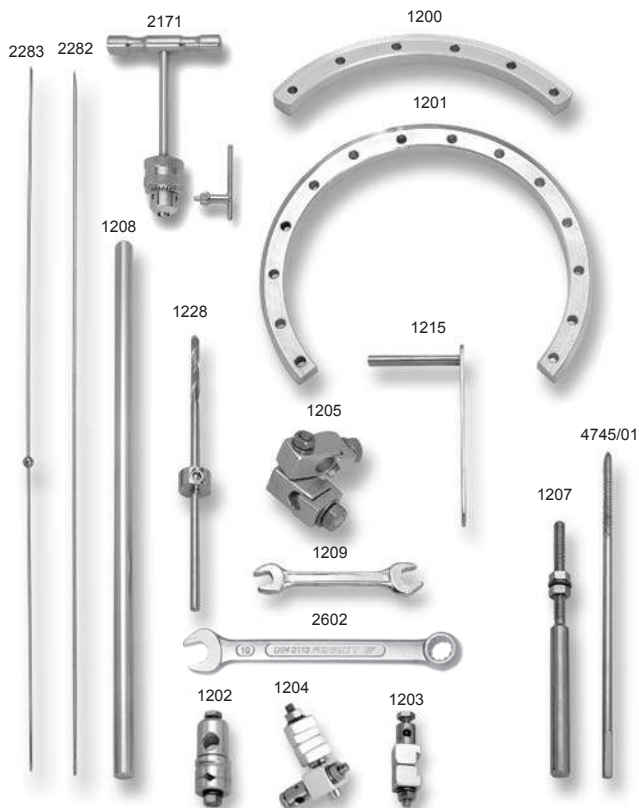
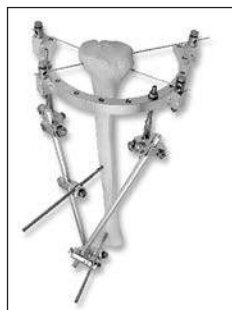
PELVIS
OPEN BOOK INJURY. FRAME WITH
CURVED, CARBON FIBRE ROD.



KNEE
JOINT BRIDGE

FIXADOR EXTERNO CIRCULAR PARA REDUÇÃO E ALONGAMENTO

Circular External Fixator for Fracture Reduction and Lengthening



1200	SEMI ANEL 1/4 x 205 mm Semi Ring
1201/01	SEMI ANEL 3/4 x 115 mm Semi Ring
1201/02	SEMI ANEL 3/4 x 140 mm Semi Ring
1201/03	SEMI ANEL 3/4 x 165 mm Semi Ring
1201/04	SEMI ANEL 3/4 x 205 mm Semi Ring
1202	CONECTOR TUBO PINO Tube Pin Conector
1203	CONECTOR ANEL PINO Ring Pin Conector
1204	CONECTOR ANEL, FIO E PINO Rod Wire Ring Conector

1205	CONECTOR BARRA BARRA Rod Rod Conector
1207/01	HASTE TELESCÓPICA 260 mm Telescopic Rod
1207/02	HASTE TELESCÓPICA 360 mm Telescopic Rod
1208/01	BARRA LISA Ø 10 x 200 mm Smooth Rod
1208/02	BARRA LISA Ø 10 x 250 mm Smooth Rod
1208/03	BARRA LISA Ø 10 x 300 mm Smooth Rod
1208/04	BARRA LISA Ø 10 x 400 mm Smooth Rod
1209	CHAVE FIXA 10 x 13 mm Fixed Wrench
1215/03	GUIA DE BROCA Ø 3,2 mm Drill Guide

FIO LISO Smooth Wire			
REF.	Ø mm	COMPR.	Length
2282/01	1,5	250	
/02	1,8	370	
FIO LISO ESFERA Wire with Sphere			
REF.	Ø mm	COMPR.	Length
2283/01	1,5	250	
/02	1,8	400	
1228	BROCA COM STOP Ø 3,2X200 mm Stop Drill		
2171	CHAVE "T" "T" Wrench		
2602	CHAVE 10 COMBINADA Combined Wrench		
4745/01	PINO DE SCHANZ 4,8 X 160mm Combined Wrench		