ORTOSINTESE

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 replaces 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,*

ORTOSINTESE

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	
Liga de Cromo Cobalto Molibdênio	F1537	5832-12
Polietileno	F 648	5832-4
PMMA	F 451	5833
Spray Plasma de TI	F1580	5832-3
PEEK	F 2026	15309

TECHNICAL SPECIFICATIONS FOR IMPLANTS MATERIALS

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

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2039	A 22	2076	B 12	2122	B 43	2249	B 50	2394	B 25	2580	E 10	2654	C 10	2860	C 06	2947	C 06
2040	A 22	2076	B 13	2123	B 40	2253	C 12	2394	B 65	2581	C 08	2655	C 10	2860	C 08	2950	B 02
2041	A 22	2076	B 15	2123	B 43	2254	B 34	2395	B 25	2581	C 10	2656	C 10	2860	C 12	2951	B 02
2042	A 22	2077	B 15	2124	B 43	2256	C 13	2396	B 25	2583	C 08	2657	C 10	2862	C 06	2952	B 02
2043	A 22	2078	B 15	2125	B 40	2257	B 03	2397	B 25	2583	C 12	2659	B 03	2862	C 08	2953	B 02
2044	A 22	2079	B 15	2125	B 43	2260	E 05	2398	B 25	2584	C 08	2661	D 05	2862	C 12	2954	B 02
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6336	B 41	6359	B 19	6419	B 62	6514	B 63	7009	B 20	7096	C 11	7948	A 03				
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PRÓTESE TOTAL DE JOELHO NKS PLUS | NKS PLUS AVANÇADO
NKS Plus and Advanced NKS Plus Knee Prosthesis

Polyethylene
ISO 5834-2
ASTM F.648

Cr Co Mo
ASTM F.75

0346
0347
0348
0365
0369



0350
0351
0352
0366
0372



0353



0355
0356
0374



0359
0362
0375



0364



COMPONENTE FEMORAL SEM BLOQUEIO
Femoral Component Without Lock

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

COMPONENTE FEMORAL COM BLOQUEIO
Femoral Component With Lock

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

COMPONENTE TIBIAL
Tibial Component

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

PATELA
Patella

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

PLATÔ TIBIAL SEM BLOQUEIO
Tibial Plato Without Lock

3/4 REF.	5/6 REF.	7/8 REF.	mm
0355/01	0356/01	0374/01	8
/02	/02	/02	10
/03	/03	/03	12
/04	/04	/04	14
/05	/05	/05	17
		/06*	20
		/07*	23

*sob. consulta

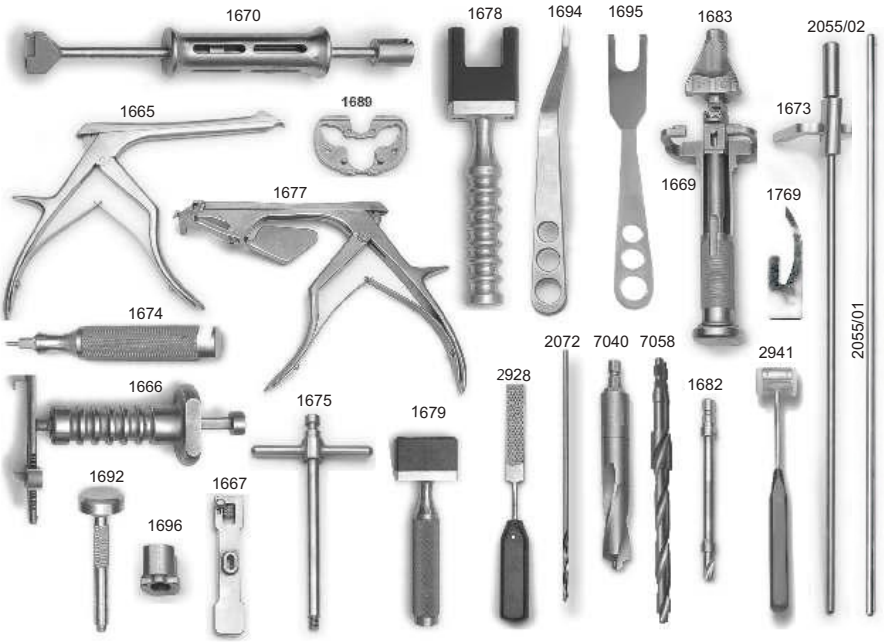
PLATÔ TIBIAL COM BLOQUEIO
Tibial Plato With Lock

3/4 REF.	5/6 REF.	7/8 REF.	mm
0359/01	0362/01	0375/01	8
/02	/02	/02	10
/03	/03	/03	12
/04	/04	/04	14
/05	/05	/05	17
/06*	/06*	/06*	20
/07*	/07*	/07*	23

*sob. consulta

INSTRUMENTAL DE JOELHO NKS PLUS AVANÇADO
Advanced NKS Plus Knee Instruments

ORTOSINTESE



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

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

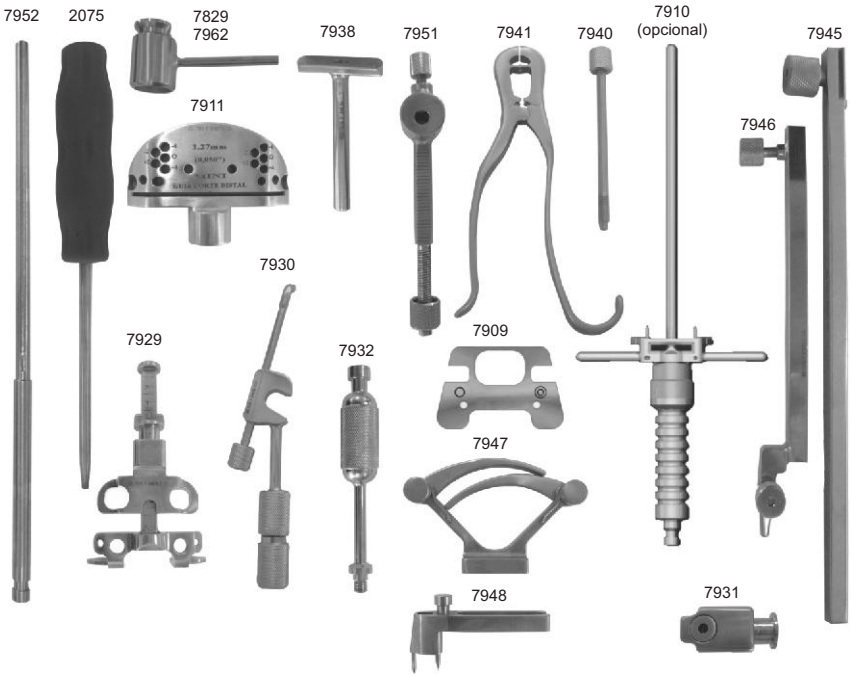
GUIA DE CORTE PARA FRESA TIBIAL
Tibial plateau gauge with blocking

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

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

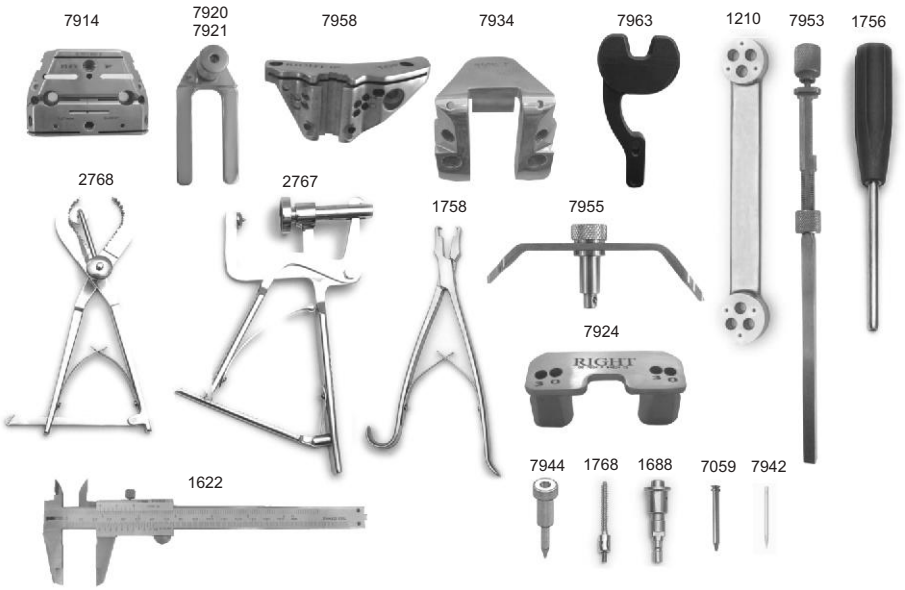


2075	CHAVE SEXTAVADA 3,5 mm *Hexagonal Wrench*
7829	GUIA PARA CORTE TIBIAL CONJUGADO 7º *7º Tibial Cutting Guide*
7909	CALÇO MINI GUIA DE ALINHAMENTO AJUSTÁVEL *Wredge for Mini Adjustable Alignment Guide*
7910/01	MINI GUIA DE ALINHAMENTO AJUSTÁVEL (opcional) *Mini Adjustable Alignment Guide*
7911	MINI GUIA DE CORTE DISTAL *Mini Guide for Distal Cutting*
7929	MINI GUIA MEDIDOR FEMORAL *Mini Guide for Femoral Cutting*
7930	APALPADOR DO GUIA *Telescoping Locking Boom*
7931	SUPORTE PARA APALPADOR DO GUIA *Yoke for telescoping Locking Boom*
7932	POSICIONADOR DE GUIA *Guide Positioner*
7938	HASTE DA PINÇA DO TORNOZELO *Dovetail*

7940	PINO POSICIONADOR DISTAL DE TÍBIA *Positioner Pin for Distal Tibia*
7941	PINÇA EXTRATORA DE PREGOS *Pincers*
7945	HASTE DO GUIA TELESCÓPIO EXTERNO P/CORTE TIBIAL *Cutting Guide Telescoping Rod*
7946	GUIA TELESCÓPIO *Distal Telescoping Rod*
7947	PINÇA DO TORNOZELO *Ankle Clamp*
7948	GUIA DESLIZANTE *Sliding Guide*
7951	HASTE DO GUIA DE CORTE INTRAMEDULAR P/ CORTE TIBIAL 0º *IM Alignment Cutting Guide*
7952	HASTE GUIA INTRAMEDULAR TIBIAL *IM Alignment Cutting Guide Rod*
7962	GUIA PARA CORTE TIBIAL CONJUGADO 3º *3º Tibial Cutting Guide*

INSTRUMENTAL DE JOELHO NKS PLUS AVANÇADO
Advanced NKS Plus Knee Instruments

ORTOSINTESE



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

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

GUIA DE FURAÇÃO ANGULAR
External Rotation Plate

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

GUIA DE FURAÇÃO PATELAR
Patelar 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 DE INTERCONDILO
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*

GUIA DE CORTE TIBIAL
Tibial Cutting Guide

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

7031
7032
7033
7055
7067



7034



7037
7038
7085



7039



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 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

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

PRÓTESE DE QUADRIL SEM CIMENTO UNION
Cementless Hip Prosthesis Union

ORTOSINTESE

1088
1090
1091

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



Cr Co Mo
ASTM F 75 ou
ASTM F1537



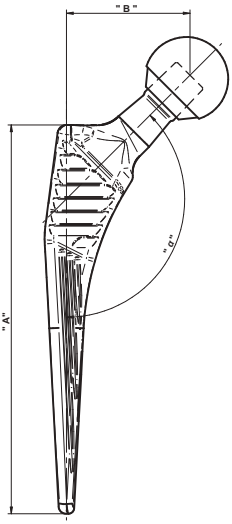
1001

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
36	1092/01	CURTO	Short
36	/02	MÉDIO	Medium
36	/03	LONGO	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°**



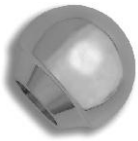
HASTE FEMORAL UNION
Union Femoral Stem

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

1088
1090
1091

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



Cr Co Mo
ASTM F 75 ou
ASTM F1537



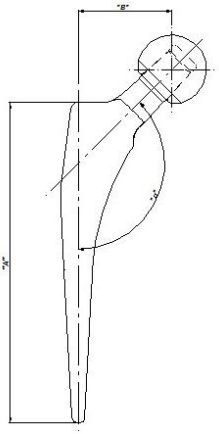
1171

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
36	1092/01	CURTO	Short
36	/02	MÉDIO	Medium
36	/03	LONGO	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

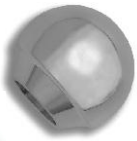
REF.	TAMANHO
Cone 12/14	
1171 /01	9
/02	10
/03	11
/04	12
/05	13
/06	14
/07	15
/08	16
/09	18

PRÓTESE DE QUADRIL COM HIDROXIAPATITA (HA) UNION

Hip Prosthesis With Hidroxiapatita (HA) Union

1088
1090
1091

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



Cr Co Mo
ASTM F 75 ou
ASTM F1537

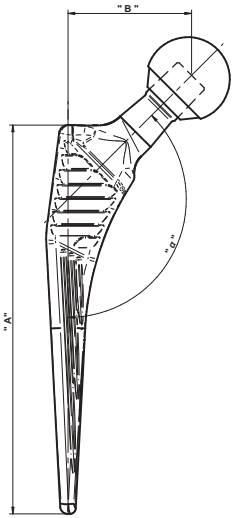


CABEÇA INTERCAMBIÁVEL
Interchangeable Head

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
36	1092/01	CURTO	Short
36	/02	MÉDIO	Medium
36	/03	LONGO	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



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

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*

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 / Matéria 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

ORTOSINTESE

1165 1166 1167
1168 1169 1179
1184 1177 1178

Titânio
Titanium
ISO 5832-2
ASTM F. 67



Sem 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 SEM REBORDO
Multi-Lock Acetabular Prosthesis Without Edge

Tamanho / Matéria 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
	Ø 72	1165/72	1168/72	1184/72
Ø32	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

1009



Titânio
Titanium
ISO 5832-2
ASTM F. 67

Polietileno
Polyethylene
ISO 5834-2
ASTM F.648

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

REF.	EXT. Ø mm Ext.	CAB Ø mm 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

1792/01



2085
2086



2017



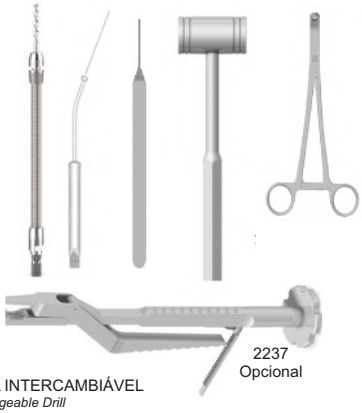
2021 2075



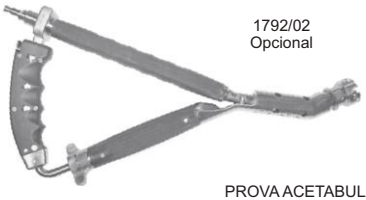
2236



2018 2679 7093 2360 2093



2237
Opcional



1792/02
Opcional

BROCA INTERCAMBIÁVEL
Interchangeable Drill

REF.	
2018/01	HASTE FLEXÍVEL PARA BROCA INTERCAMBIÁVEL
/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	2090/16	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		

7095



2090



2019



GUIA MEDIDOR ACETABULAR
Guide Gauge Acetabular

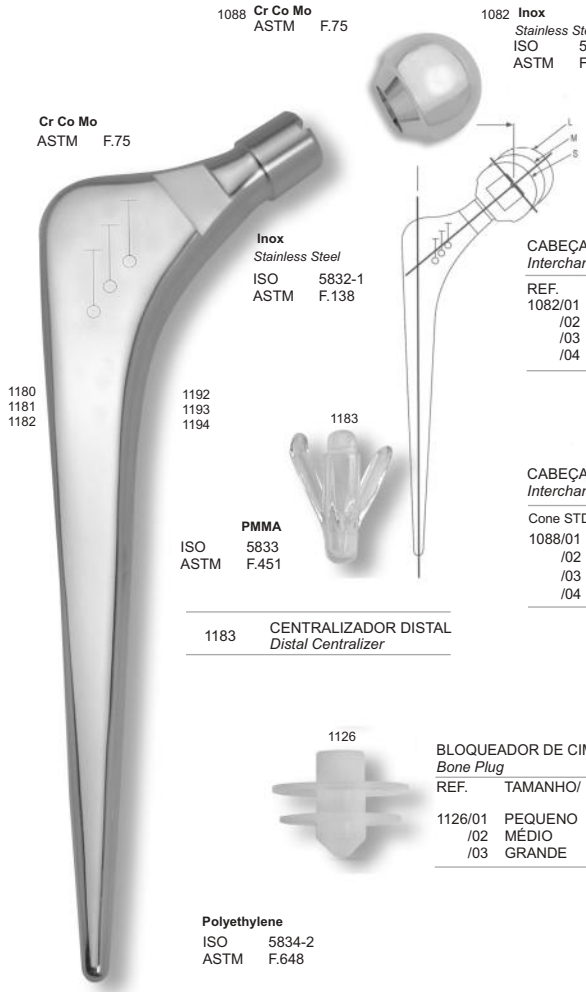
REF.	Ø MM
2019/01	44
/02	46
/03	48
/04	50
/05	52
/06	54
/07	56
/08	58
/09	60
/10	62

FRESA ACETABULAR
Acetabular Reamer

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

1792/01	GUIA DA FRESA *Reamer Guide*
1792/02	POSICIONADOR DE FRESA ACETABULAR (OPCIONAL) *Acetabular Reamer Guide*
2017	GUIA DE BROCA *Drill Guide*
2018	BROCA FLEXÍVEL Ø 3,2mm *Flexible Drill Ø3,2mm*
2021	CHAVE COM JUNTA UNIVERSAL *Joint Universal Screwdriver*
2075	CHAVE SEXTAVADA Ø3,5 mm *Hexagonal Screwdriver*
2085	IMPACTOR DE INSERTO 22 mm *Insert Impactor*
2086	IMPACTOR DE INSERTO 28 mm *Insert Impactor*
2093	PINÇA PORTA PARAFUSO *Screw Forceps*
2236	GUIA ACETABULAR *Acetabular Guide*
2237	EXTRATOR ACETABULAR *Acetabular Extrator*
2360	MARTELO DE AÇO INOXIDÁVEL 500g *Stainless Steel Mallets 500g*
2679	MEDIDOR DE PROFUNDIDADE FLEXÍVEL *Flexible Depht Gauge*
7093	MEDIDOR DE PROFUNDIDADE *Depth Gauge*



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

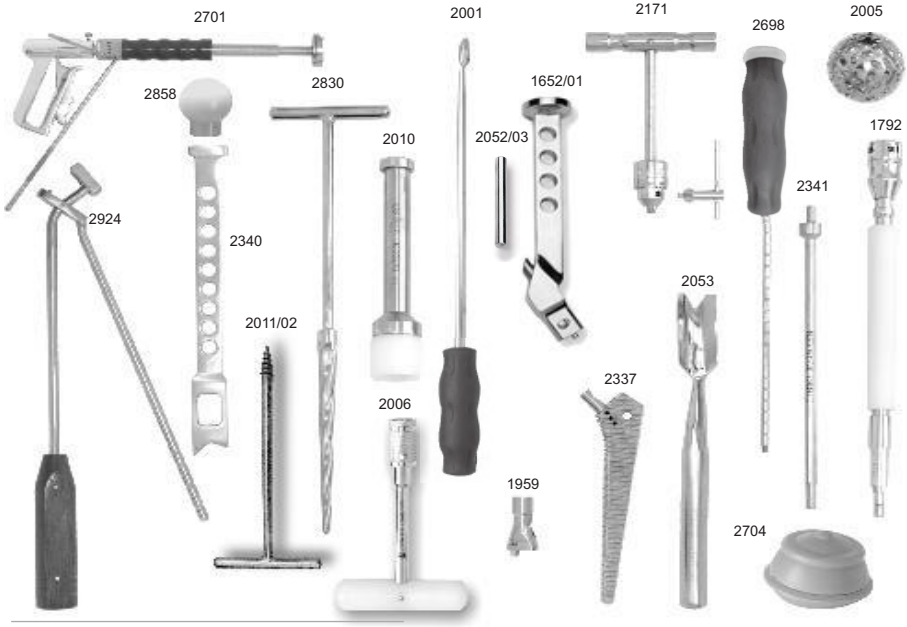
PRÓTESE TOTAL DE QUADRIL MAGNUS Cromo Cobalto
Magnus Total Hip Prosthesis- Cobalt Chrome

REF.	BASE OFFSET mm	Nº	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	Nº	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

ORTOSINTESE



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

FRESA ACETABULAR
Acetabular Reamer

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
Acetabular Deph Gauge

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
Reamer With Stop

REF.	Ø mm
2341/01	4,9 x 10
/02	7,9 x 15

FRESA FEMORAL LONGA CÔNICA
Conical Femoral Reamer

REF.	Ø mm
2830/01	12
/02	16

FRESA FEMORAL MAGNUS
Magnus Femoral Broach

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
Trial Head

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
Trial Neck

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

1128



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

Cr Co Mo

ASTM	F.75

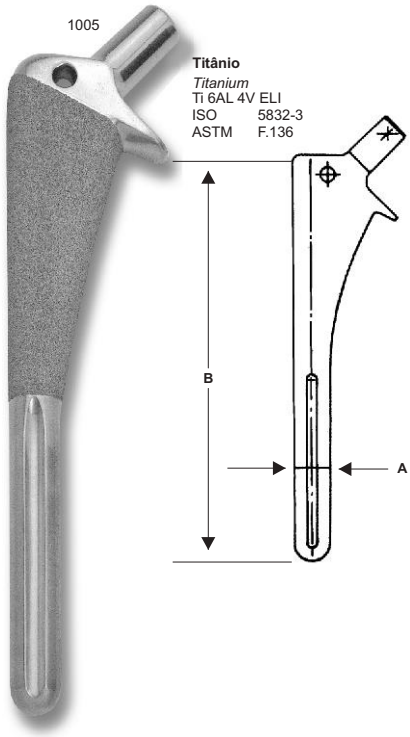
CABEÇA INTERCAMBIÁVEL
Interchangeable Head

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

ORTOSINTESE

1005

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



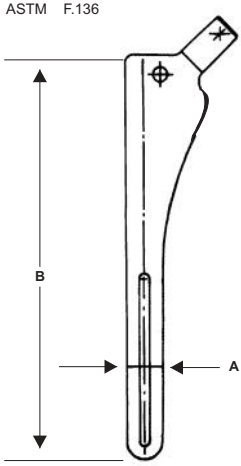
1023



1088
1091

Cr Co Mo
ASTM F.75

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



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

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
1005/11	11	135
1005/12	12	140
1005/13	13	145
1005/14	14	150
1005/15	15	155
1005/16	16	160
1005/17	17	165
1005/18	18	170

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*

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
Intramedulary 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		

2085	IMPACTOR DE INSERTO 22 mm *Insert Impactor*
2086	IMPACTOR DE INSERTO 28 mm *Insert Impactor*
2093	PINÇA PORTA PARAFUSO *Screw Forceps*
2143	FRESA DE TOPO *Top Reamer*
2679	MEDIDOR DE PROFUNDIDADE FLEXÍVEL *Flexible Depht Gauge*
2727	GUIA DO MEDIDOR *Trial Measurer*

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

ORTOSINTESE



Inox
Stainless Steel

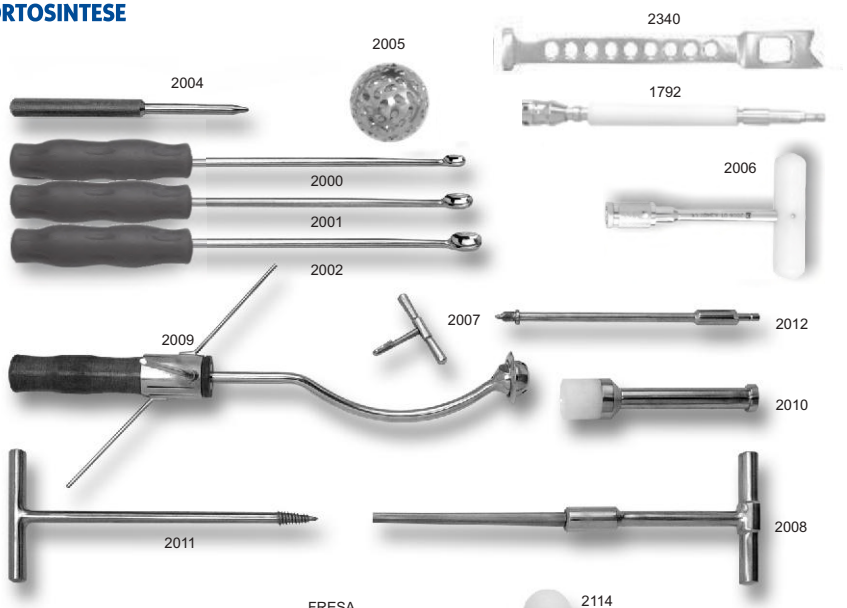
ISO	5832-1
ASTM	F.138

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

FRESA
Broach

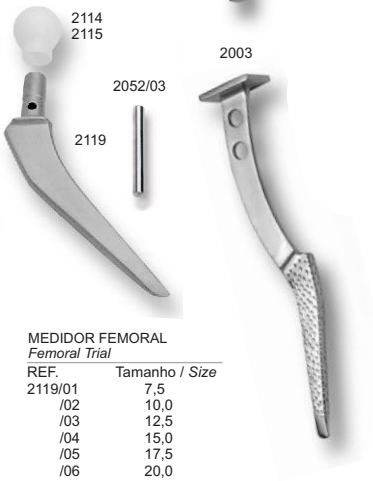
REF.	TAMANHO/ Size
2003/01	7,5
/02	10,0
/03	12,5
/04	15,0
/05	17,5
/06	20,0

FRESA C/ CANAL DE CIMENTO
Broach

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
Acetabular Reamer

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

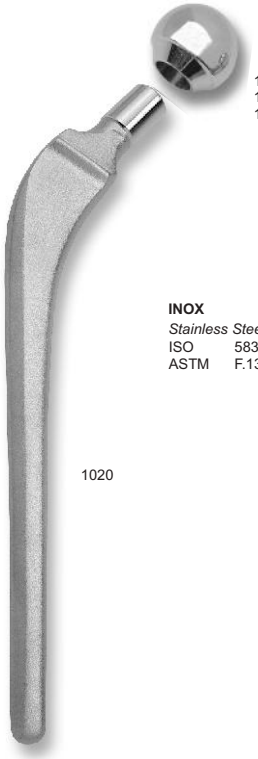


MEDIDOR FEMORAL
Femoral Trial

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*
2173/05	32	CURTO	*Short*
/06	32	MÉDIO	*Medium*
/07	32	LONGO	*Long*
/08	32	EXTRA LONGO	*Extra Long*



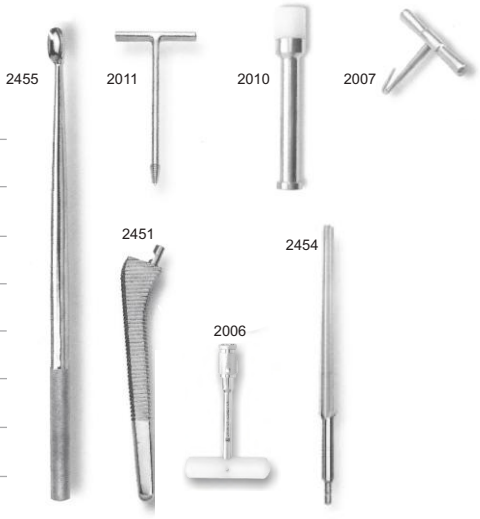
INOX
Stainless Steel
ISO 5832-1
ASTM F.138

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*

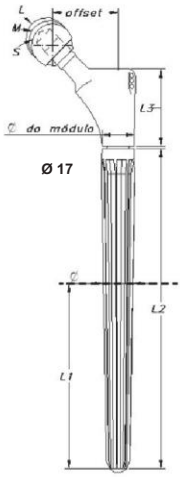
ORTOSINTESE

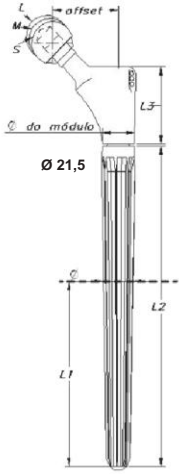
1088
1091

1265
1266

1268

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

1270



1271



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

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

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



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

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

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

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

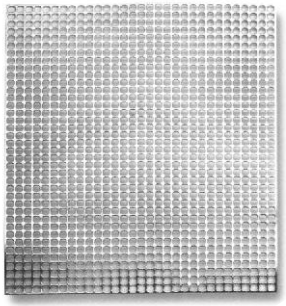
REF.	Ø mm
7074/01	17
/02	21,5

ORTOSINTESE

1088
1091

Cr Co Mo
ASTM F.75

1145



1236



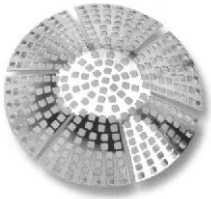
Titânio
Titanium
Ti 6AL 4V ELI
ISO 5832-3
ASTM F. 136

Inox
Stainless Steel
ISO 5832-1
ASTM F.139

1085



1146



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

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

REFORÇO METÁLICO
Reinforcement Ring

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

1145	TELA METÁLICA RETANGULAR *Rectangular Mesh*
1146	TELA METÁLICA REDONDA *Circular Mesh*

2360/02



7046



7044



7045



2006



2858



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
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*

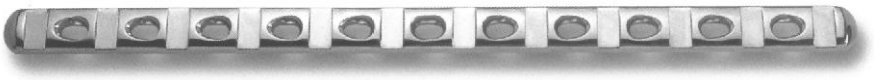
7046	IMPACTOR/EXTRATOR *Impactor / Extractor*
2006	CHAVE "T" *"T" Wrench*
2360/02	MARTELO 500g *Hammer 500g*

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



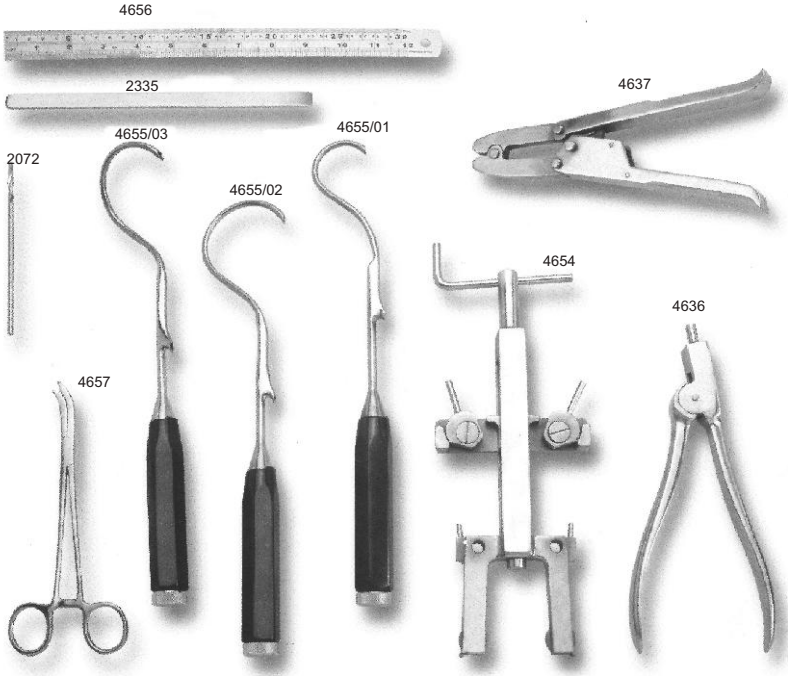
1031



1031	CABO PARA CERCLAGEM Ø1,5mm *Cerclage Cable*

PLACA RETA
Straight Plate

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

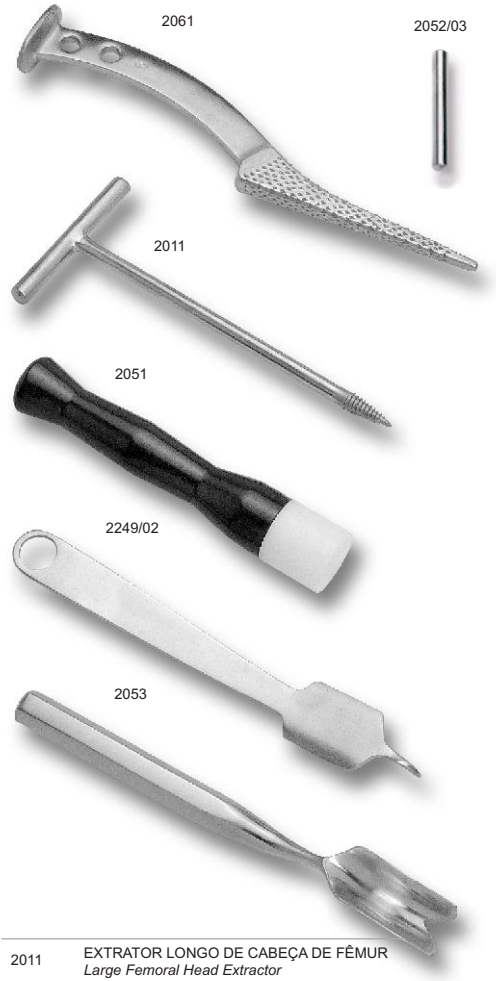


2072	BROCA 3,2mm *Drill*
2335/01	OSTEOTOMO LAMBOTTE FORMÃO TIPO FACA RETO *Ø 6,4 mm* *Straigth Osteotome Lambotte*
2335/02	OSTEOTOMO LAMBOTTE FORMÃO TIPO FACA RETO *Ø13 mm* *Straigth Osteotome Lambotte*
4636	CORTADOR DE CABO *Cable Cutter*
4637	MODELADOR DE PRESILHA *Sleeve Bender*

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

PRÓTESE DE QUADRIL TIPO MOORE
Hip Prosthesis Moore Type

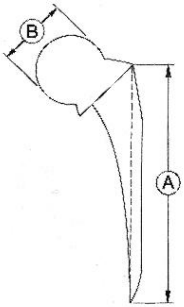
ORTOSINTESE



2011	EXTRATOR LONGO DE CABEÇA DE FÊMUR *Large Femoral Head Extractor*
2051	IMPACTOR *Impactor*
2052/03	PINO DE EXTRAÇÃO *Extraction Pin*
2053	OSTEÓTOMO DE LIGAMENTO *Ligament Knife*
2061	FRESA Broach
2249/02	AFASTADOR DE HOHMANN *Hohmann Retractor*



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

2052



2052/03

1060



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

2011

2051

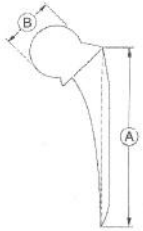


2249/02



2053





PRÓTESE TIPO THOMPSON
Prosthesis Thompson Type

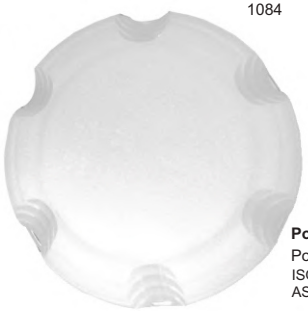
REF.	A	B
1060/01	110	39
/02	110	41
/03	110	43
/04	110	45
/05	110	47
/06	110	49
/07	110	51

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

PRÓTESE ACETABULAR TIPO MULLER
Acetabular Prosthesis Muller Type

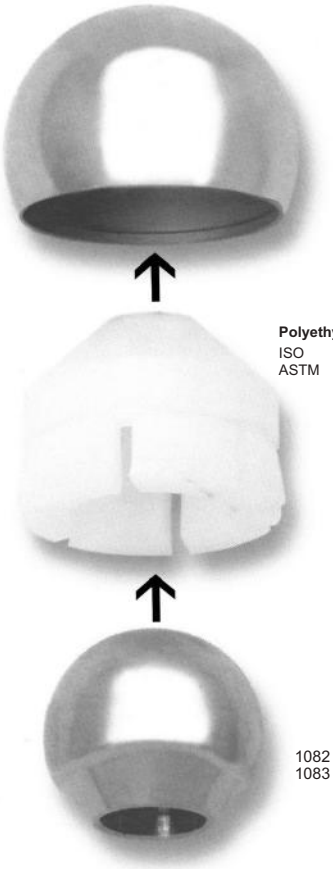
REF.	TAMANHO mm Size
1040/42	42 x 32
/44	44 x 32
/46	46 x 32
/48	48 x 32
/50	50 x 32
/52	52 x 32
/54	54 x 32
/56	56 x 32
/58	58 x 32
1084/42	42 x 28
/44	44 x 28
/46	46 x 28
/48	48 x 28
/50	50 x 28
/52	52 x 28
/54	54 x 28
/56	56 x 28
/58	58 x 28

1040
1084



Polietileno
Polyethylene
ISO 5834-2
ASTM F.648

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

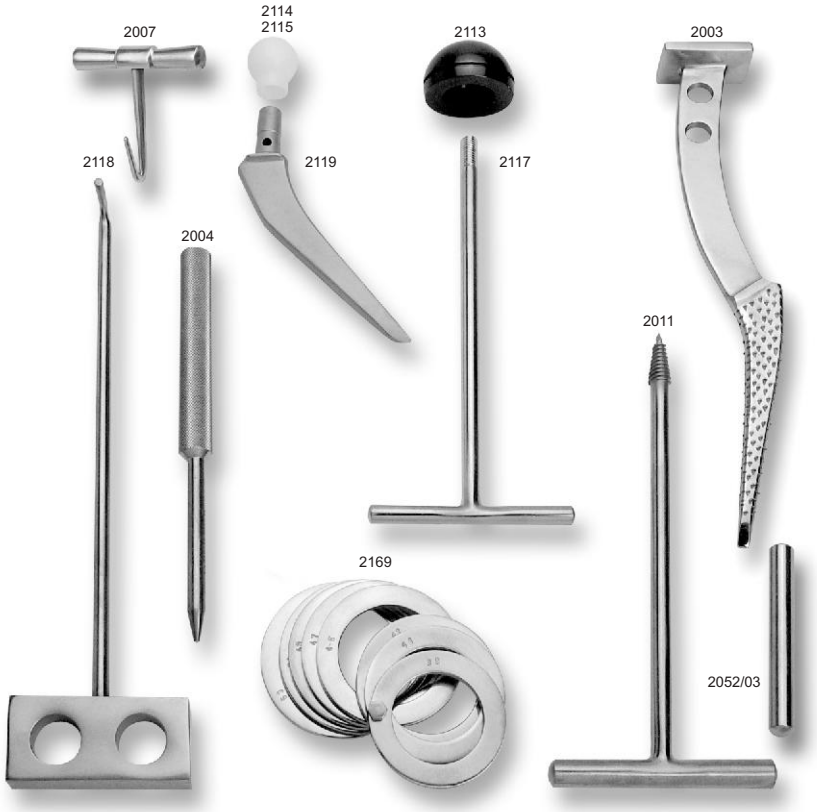
1082
1083

PRÓTESE BIPOLAR
Bipolar Prosthesis

REF.	EXT.Ømm Ext.	CAB Ø mm 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
/55	55	28
/57	57	28

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



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 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*

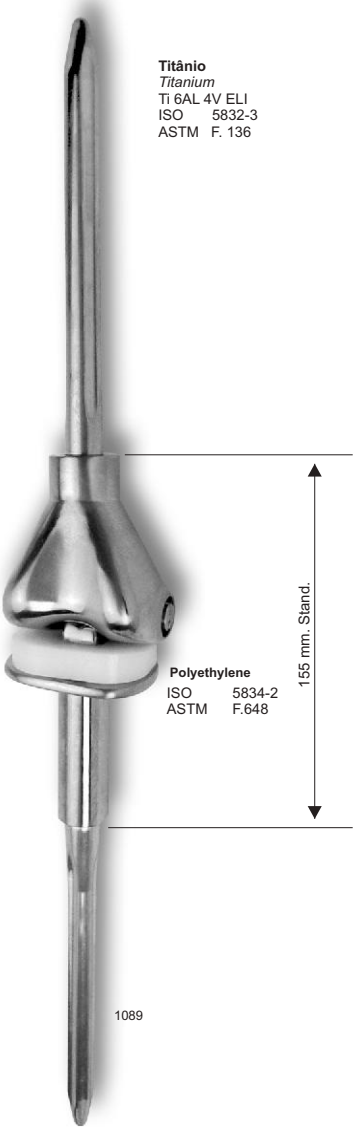
MEDIDOR FEMORAL
Femoral Gauge

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

2004	IMPACTOR *Impactor*
2007	CHAVE *Wrench*
2011	EXTRATOR LONGO DE CABEÇA FEMORAL *Large Femoral Head Extractor*
2052/03	PINO DE EXTRAÇÃO *Extraction Pin*
2117	CHAVE “T” *“T” Wrench*
2118	EXTRATOR DE HASTE *Rod Extractor*
2169	MEDIDOR DE CABEÇA DE FÊMUR *Femur Head Gauge*

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

Polyethylene
ISO 5834-2
ASTM F.648

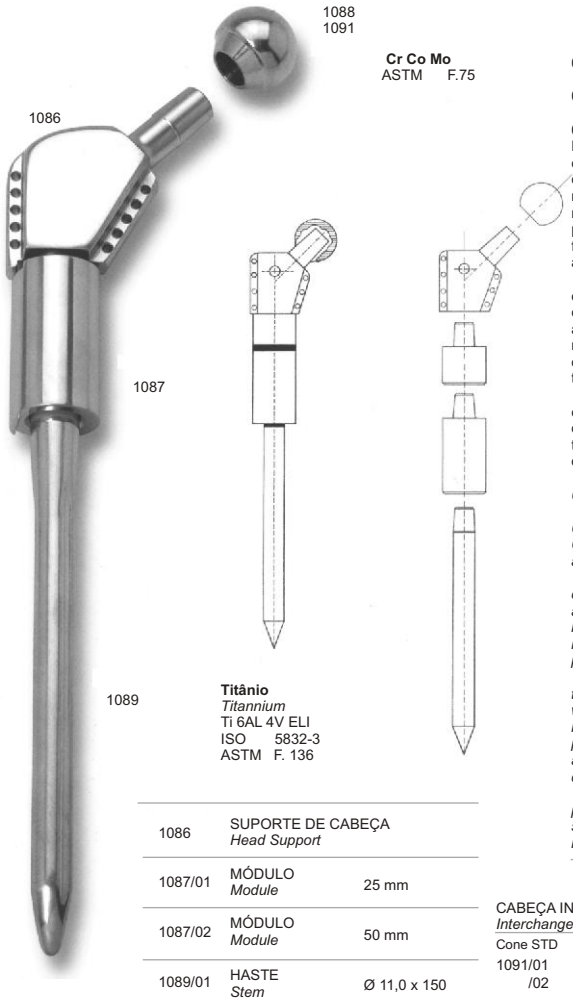
1096	JOELHO ARTICULADO ESQUERDO *Left Articulated Knee*
1097	JOELHO ARTICULADO DIREITO *Right Articulated Knee*

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

ORTOSINTESE



Cr Co Mo
ASTM F.75

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

1086	SUPORTE 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

INDICAÇÕES
Indication

01) Resecção 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 antiretro: 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.

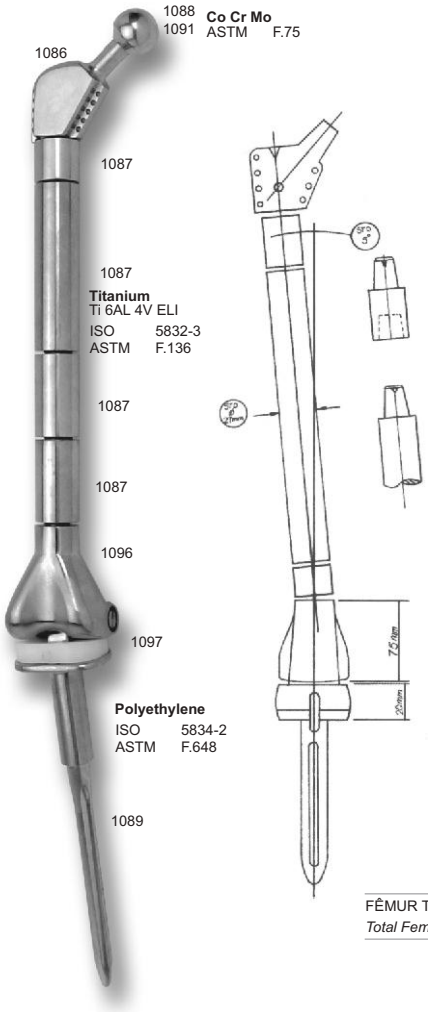
Modular prosthesis with morse cone insertion, with the possibility of adding the length after resection of bone. Indication in cases of trauma and methastatics as in fracture or revision of previous prosthesis.

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.

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



1086	SUPORTE DE CABEÇA *Head Support*
1096	JOELHO ARTICULADO ESQUERDO *Left Articulated Knee*
1097	JOELHO ARTICULADO DIREITO *Right Articulated Knee*

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 throught MORSE CONE avoiding comparision with the X-Ray

HASTE
Stem

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

ORTOSINTESE

2159



2360/01



2153



2166



2004



2075



2152



2173



2227/01





2228

2229



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

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

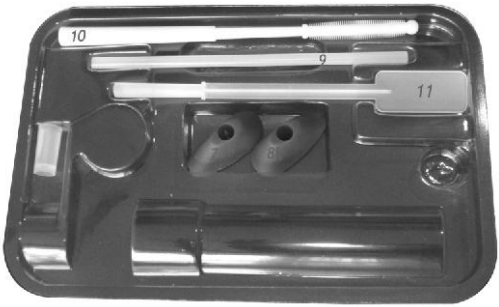
PROVA PARA HASTE
Proof For Haste

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

1771



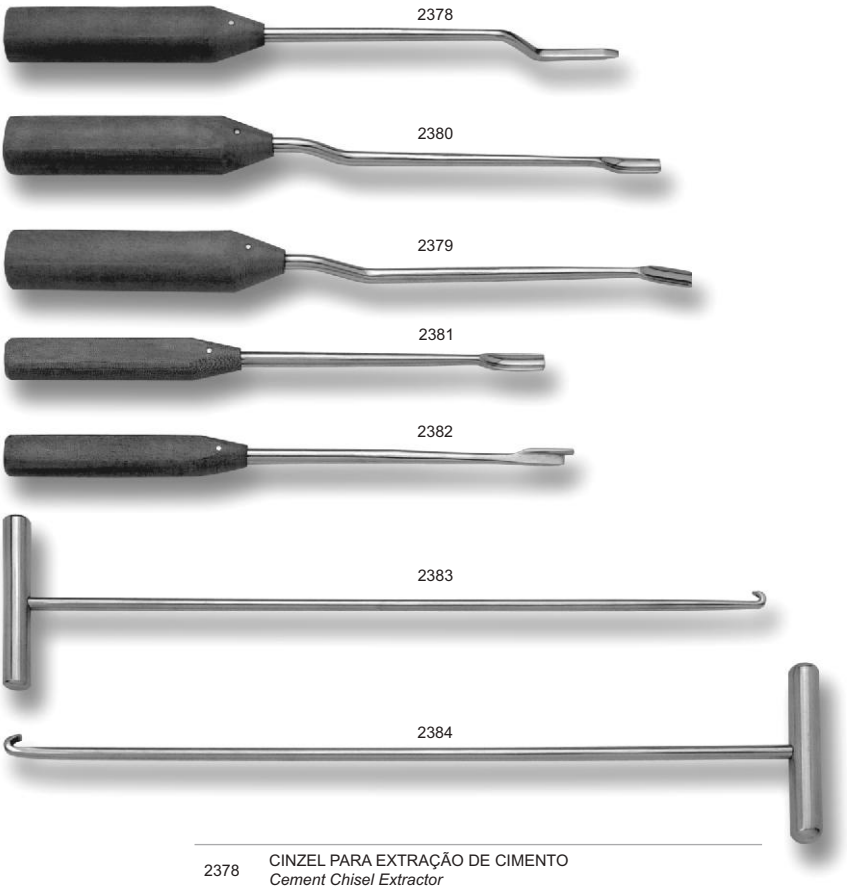
1771



1770



1770	PISTOLA *Gun*
1771	KIT CIMENTAÇÃO Cimenting Kit



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

3011



3013
3094
3095



4862



4861



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

4863/01



3012

HSFiber



2966



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
/05	35
/06	40
/07	45
/08	50

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

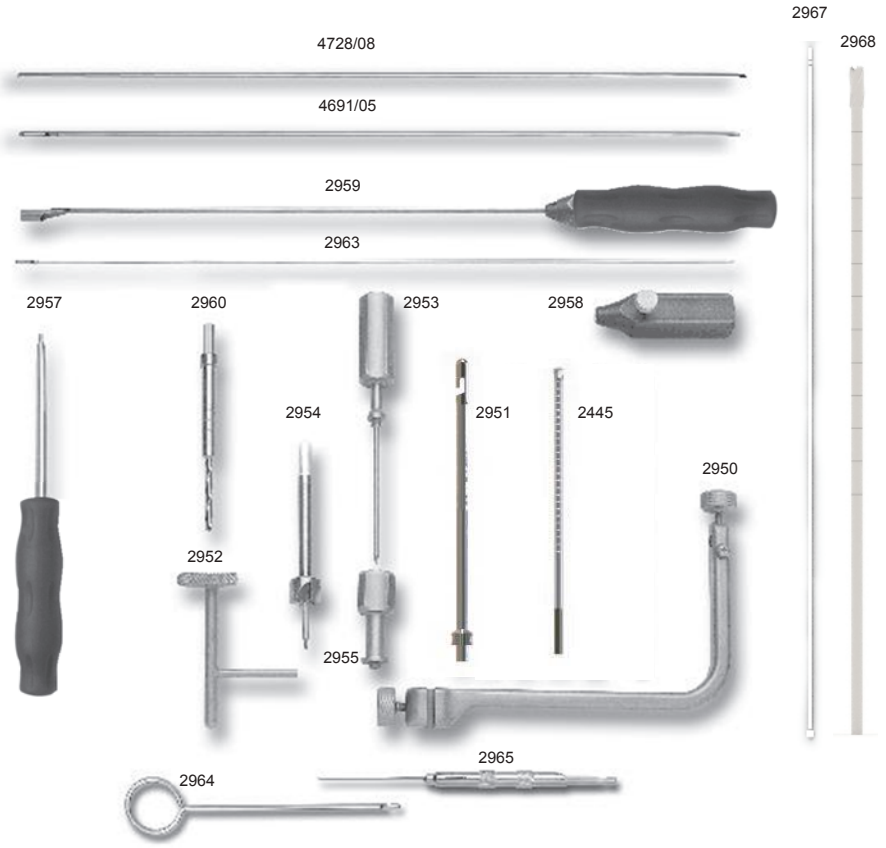
REF.	Ø mm
4861/01	6,5 x 40
/02	6,5 x 42
/03	6,5 x 44
/04	6,5 x 46
/05	6,5 x 48
/06	6,5 x 50
/07	6,5 x 52
/08	6,5 x 54
/09	6,5 x 56

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

INSTRUMENTAL SISTEMA TRANSLOCK
Translock Instruments System

ORTOSINTESE



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 Dented Washer*

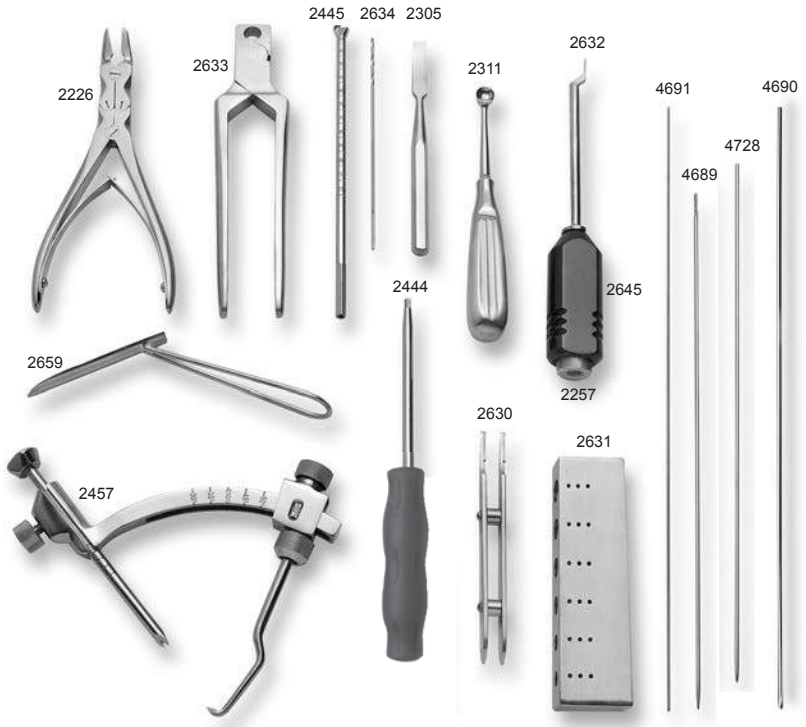
2953	PERFURADOR PARA ARRUELA DENTADA *Drill for Dented Washer*
2954	FRESA PARA ARRUELA DENTADA *Reamer for Dented Washer*
2955	IMPACTOR PARA ARRUELA DENTADA *Impactor for Dented Washer*
2957	CHAVE SEXTAVADA CANULADA Ø3,5 mm *Wrench*
2958	CHAVE EXTRATOR DO FIO *Wire Extractor Wrench*
2959	EXTRATOR DE 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 *Depht 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

INSTRUMENTAL PARA PARAFUSO DE INTERFERÊNCIA
Interference Screw Instruments



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

GUIA AIMER
Aimer Guide

2632/01	8mm
/02	9mm
/03	10mm
/04	11mm

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

PARAFUSO CORTICAL CANULADO Ø 3,5 mm
Cannulated Cortical Screw

ORTOSINTESE

3314



3316



3340



Inox
Stainless Steel
ISO 5832-1
ASTM F.138

PARAFUSO CORTICAL CANULADO 3,5 mm
Cannulated Cortical Screw

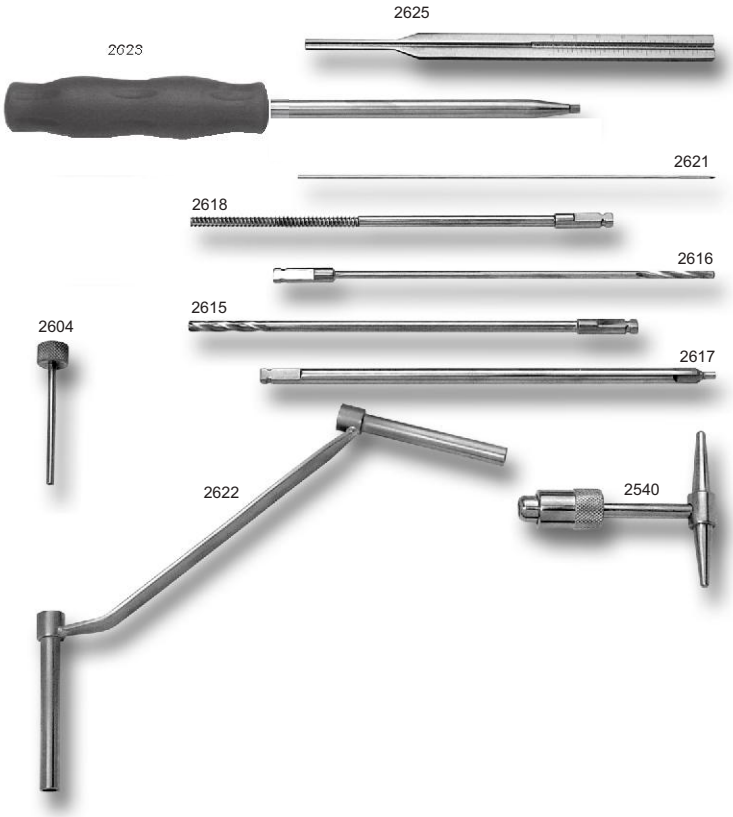
REF.	COMPR.mm *Length*	ROSCA *Thread*
3314/01	10	4
/02	12	4
/03	14	5
/04	16	5
/05	18	6
/06	20	7
/07	22	7
/08	24	8
/09	26	8
/10	28	9
/11	30	10
/12	32	11
/13	34	11
/14	36	12
/15	38	12
/16	40	13
/17	42	14
/18	44	14
/19	46	15
/20	48	15
/21	50	16

3340	ARRUELA 7 mm *Washer*

PARAFUSO CORTICAL CANULADO 3,5 mm
Cannulated Cortical Screw

REF.	COMPR. mm *Length*
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

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

ORTOSINTESE

3312



3341



3313



Inox
Stainless Steel
ISO 5832-1
ASTM F.138

PARAFUSO CORTICAL CANULADO 4,5 mm
Cannulated Cortical Screw

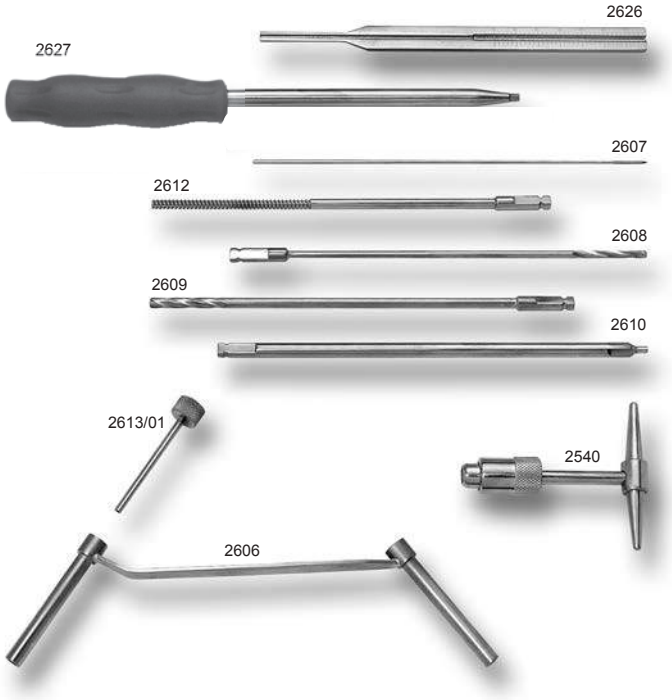
REF.	COMPR. mm *Length*
3312/01	20
/02	22
/03	24
/04	26
/05	28
/06	30
/07	32
/08	34
/09	36
/10	38
/11	40
/12	42
/13	44
/14	46
/15	48
/16	50
/17	52
/18	54
/19	56
/20	60
/21	64
/22	68
/23	72

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

PARAFUSO CORTICAL CANULADO 4,5 mm
Cannulated Cortical Screw

REF.	COMPR mm *Length*	ROSCA *Thread*
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

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 *Depht Gauge Screw*
2627	CHAVE SEXTAVADA Ø3,5 mm *Hex Head Screw Driver*

PARAFUSO ESPONJOSO CANULADO Ø 7,0 mm
Cannulated Cancellous Screw

ORTOSINTESE

3320



3321



3322



Inox
Stainless Steel
ISO 5832-1
ASTM F.138

PARAFUSO ESPONJOSO CANULADO 7,0mm
Cannulated Cancellous Screw

REF.	COMPR. mm *Length*	COMPR. ROSCA mm *Leght Screw*
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 *Lenght*	COMPR. ROSCA *Leght Screw*
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

INSTRUMENTAL PARA PARAFUSO CANULADO Ø 7,0 mm
Cannulated Cancellous Screw Instruments



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



PLACA DE SUSTENTAÇÃO TIBIAL DIREITA 15º BLOQUEADA
Right Tibial Support Locking Plate 15º

REF. Titânio	REF. Inox	FUROS *Holes*	COMP. *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 15º BLOQUEADA
Left Tibial Support Locking Plate 15º

REF. Titânio	REF. Inox	FUROS *Holes*	COMP. *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. Titânio	REF. Inox	FUROS *Holes*	COMP *Lengh*
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

Inox
Stainless Steel
ISO 5832-1
ASTM F.138

PLACA ESTREITA
Narrow Plate



REF. Titânio	FUROS *Holes*	COMP. *Lenght*	REF. Inox	FUROS *Holes*	COMP. *Lenght*
6121/01	4	82	6378/01	4	82
/02	5	102	/02	5	102
/03	6	122	/03	6	122
/04	7	142	/04	7	142
/05	8	162	/05	8	162
/06	9	182	/06	9	182
/07	10	202	/07	10	202
/08	12	242	/08	11	222
/09	14	282	/09	12	242
/10	16	322	/10	14	282
			/11	16	322

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

PLACA DE RECONSTRUÇÃO
Reconstruction Plate



REF. Titânio	REF. Inox	FUROS *Holes*	COMP. *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

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

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
Stainless Steel
ISO 5832-1
ASTM F.138

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


Aço Inox


Titânio

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*

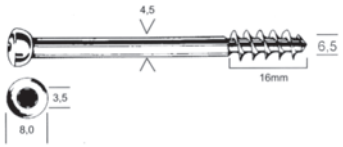
REF.	Cortical *Cortical* Ø	Esponjoso *Cancellous* Ø
3910/02	-	6,5
/03	-	4,0
/04	4,5	-
/05	3,5	-
/06	2,7	-

PARAFUSO CORTICAL Ø 5,0 mm
Cortical Screw



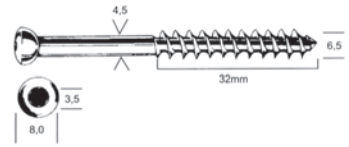
REF.Titânio Titanium	REF.INOX *Stainless Steel*	COMPR. *Length*
1530	6315	14
1531	6316	16
1532	6317	18
1533	6318	20
1534	6319	22
1535	6320	24
1536	6321	26
1537	6322	28
1538	6323	30
1539	6324	32
1540	6325	34
1541	6326	36
1542	6327	38
1543	6328	40
1544	6329	42
1545	6330	44
1546	6331	46
1547	6332	48
1548	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



2076



2066/02

2066/01



2101
2102



2075



2062



2372



2241



2240



1840	MODELADOR DE PLACAS *Plate Countersink*
2062	MEDIDOR PARAFUSO GRANDES FRAGMENTOS *Depht Gauge*
2066	RETORCEDOR *Bending*
2075	CHAVE SEXTAVADA 3,5 *Hex Head Screw Driver*

2076	FRESA DE GRANDES FRAGMENTOS 8mm *Counter Sink*
	PINÇA AUTO CENTRANTE 240mm *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*



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

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

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

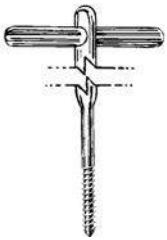
REF.	FUROS *Holes*	COMPR.mm *Length*
4202/01	02	39
/02	03	55
/03	04	71
/04	05	87
/05	06	103
/06	07	119
/07	08	135
/08	09	151
/09	10	167
/10	11	183
/11	12	199



2062	MEDIDOR P/ PARAFUSO GRANDES FRAGMENTOS *Gauge for Large Fragments Screw*	2070	GUIA DE BROCA Ø 4,5 mm *Drill Guide*	2077	CLAMP COMPRESSOR *Tension Device*
2063	FRESA MACHO Ø 4,5 mm *Reamer*	2071	GUIA DE PERFURAÇÃO *Drilling Guide*	2078	GUIA DE PERFURAÇÃO *Drill Guide*
2064	FRESA MACHO Ø 6,5 mm *Reamer*	2072	BROCA Ø 3,2 X 150 mm *Stainless Steel Drill*	2079	CHAVE PARA COMPRESSOR *Socket Wrench*
2066	MODELADOR (PAR) *Bending (pair)*	2073	BROCA Ø 4,5 X 150 mm *Stainless Steel Drill*	2097	CHAVE COMPRESSORA *Compression Wrench*
2067	AFASTADOR E COMPRESSOR GRANDE *Large Compressor and Distractor*	2074	GUIA DE BROCA Ø 3,2 mm *Drill Guide*	2180	GUIA DE BROCA Ø 3,2 mm *Long Drill Guide*
2068	MODELADOR DE PLACAS *Plate Modeler*	2075	CHAVE SEXTAVADA Ø 3.5 mm *Hex Head Screw Driver*		
2069	GUIA DE BROCA Ø 3,2 mm *Drill Guide*	2076	ESCARIADOR *Counter Sink Reamer*		









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

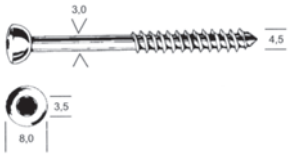
Inox
Stainless Steel
ISO 5832-1
ASTM F.138

PARAFUSO CORTICAL Ø 4,5 mm
Cortical Screw



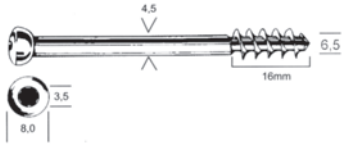
REF.	COMPR.mm *Length*	REF.	COMPR. mm *Length*	REF.	COMPR. mm *Length*
3014	14	3034	34	3054	54
3016	16	3036	36	3056	56
3018	18	3038	38	3058	58
3020	20	3040	40	3060	60
3022	22	3042	42	3062	62
3024	24	3044	44	3064	64
3026	26	3046	46	3066	66
3028	28	3048	48	3068	68
3030	30	3050	50	3070	70
3032	32	3052	52		

PARAFUSO MALEOLAR Ø 4,5 mm
Malleolar Screw



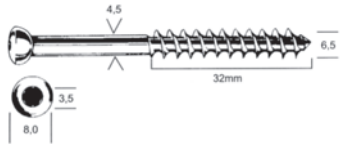
REF.	COMPR. mm *Length*	REF.	COMPR. mm Length
3125	25	3150	50
3130	30	3155	55
3135	35	3160	60
3140	40	3165	65
3145	45	3170	70

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

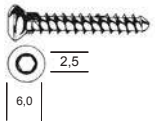
PARAFUSO ESPONJOSO Ø 6,5 (ROSCA TOTAL)
Cancellous Screw



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		

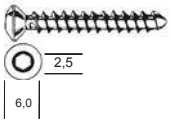
ORTOSINTESE

PARAFUSO CORTICAL Ø 3,5 mm
Cortical Screw



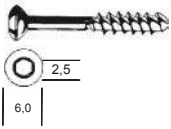
REF.	COMPR. mm *Length*	REF.	COMPR mm *Length*	REF.	COMPR mm *Length*
3078	10	3086	26	3093/01	40
3079	12	3087	28	3093/02	42
3080	14	3088	30	3093/03	44
3081	16	3089	32	3093/04	45
3082	18	3090	34	3093/05	46
3083	20	3091	36	3093/06	48
3084	22	3092	38	3093/07	50
3085	24			3093/08	55

PARAFUSO ESPONJOSO Ø 3,5 mm
Cancellous Screw



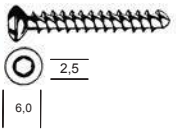
REF.	COMPR. mm *Length*	REF.	COMPR. mm *Length*	REF.	COMPR. mm *Length*
3200	10	3207	24	3214	38
3201	12	3208	26	3215	40
3202	14	3209	28	3216	42
3203	16	3210	30	3217	44
3204	18	3211	32	3218	46
3205	20	3212	34	3219	48
3206	22	3213	36	3220	50

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

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





PARAFUSO AUTORROSQUEANTE Ø 5 mm
Cortical Screw Self Tapping

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



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

REF.Titânio *Titanium*	REF. Inox *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

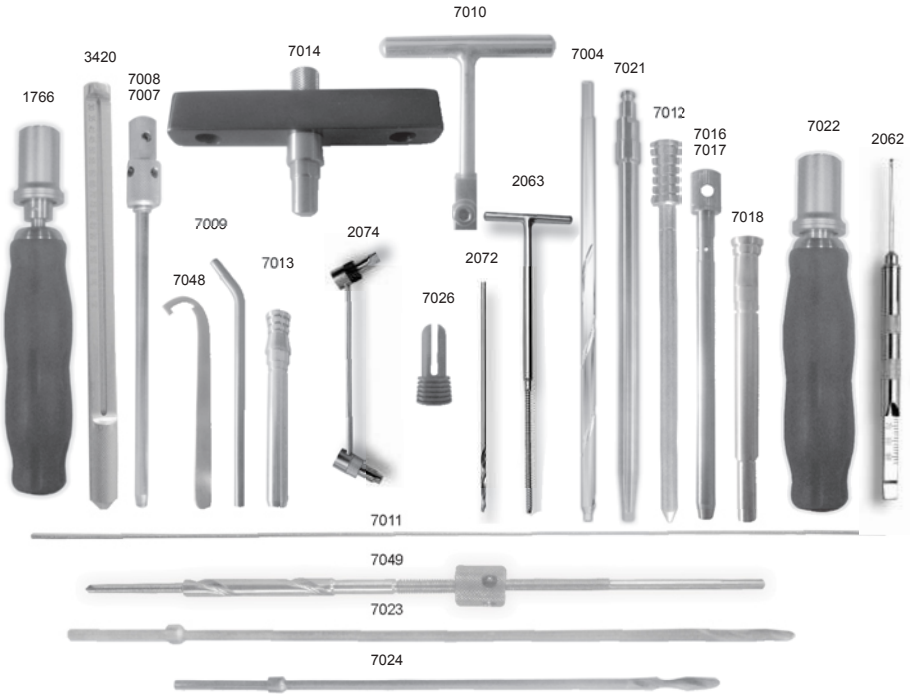


PARAFUSO CORTICAL AUTORROSQUEANTE Ø 4,5 mm
Cortical Screw Self Tapping

REF.Titânio *Titanium*	REF. Inox *Stainless Steel*	Ømm	REF. Titânio Titanium	REF. Inox *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

ORTOSINTESE



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

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

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







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

REF. *Titanium*	Ø mm
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

7300	GUIA MIPLATE TIBIAL DIREITO *Miplate Guide Tibial Right*
7301	GUIA MIPLATE TIBIAL ESQUERDO *Miplate Guide Tibial Left*

PLACA PROXIMAL TIBIAL DIREITA
Right Proximal Tibial Plate

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

PLACA PROXIMAL TIBIAL ESQUERDA
Left Proximal Tibial Plate

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



PARAFUSO PERIPROTÉTICO Ø 5,0mm
Periprotetic Screw

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



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

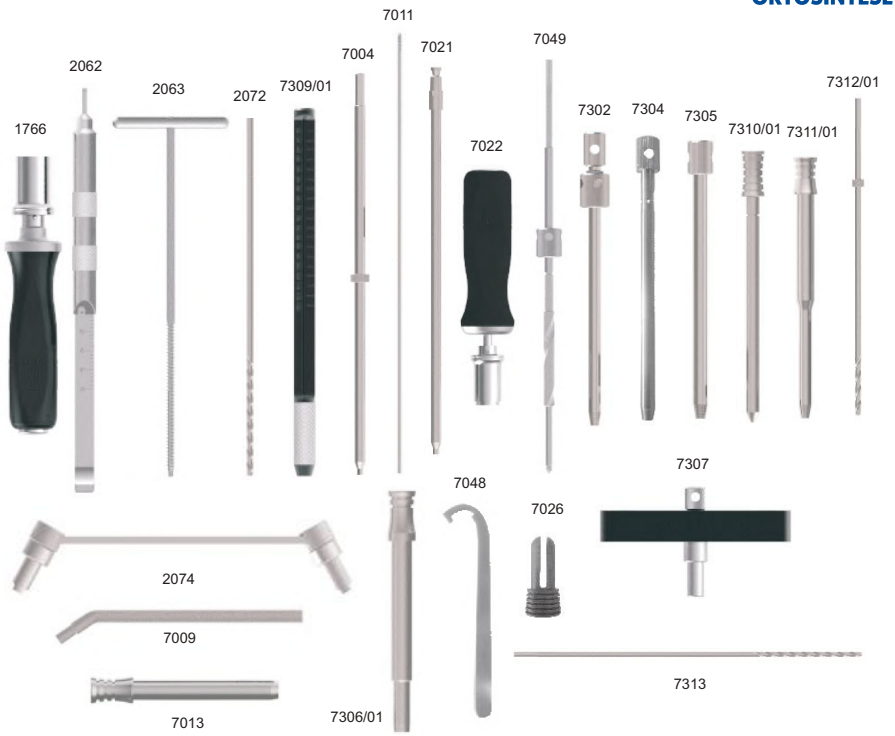
REF. *Titanium*	Ø mm
1473	5,0 x 18
1477	5,0 x 20
1484	5,0 x 22
1490	5,0 x 24
1492	5,0 x 26
1494	5,0 x 28
1496	5,0 x 30



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

REF. *Titanium*	Ø mm
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

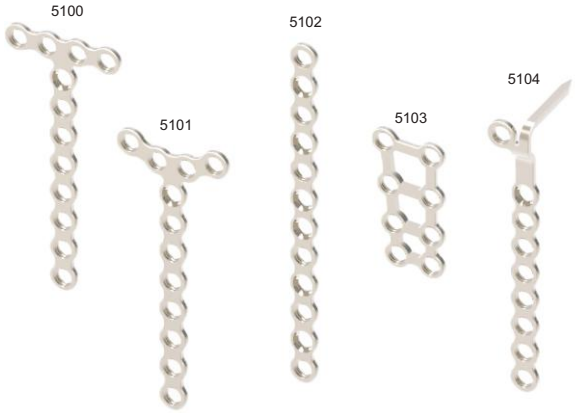


1766	TORQUÍMETRO 3,5 Nm P/ SISTEMA LCP GRANDES FRAGMENTOS *Torque Wrench for Large Fragments System LCP*
2062	MEDIDOR DE PARAFUSO GRANDES FRAGMENTOS *Gauge for Screw*
2063	FRESA MACHO Ø 4,5mm *Reamer*
2072	BROCA Ø 3,2 X 150mm *Drill*
2074	GUIA DE BROCA Ø 3,2mm *Drill Guide*
7309/01	MEDIDOR 180mm *Gauge*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

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

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

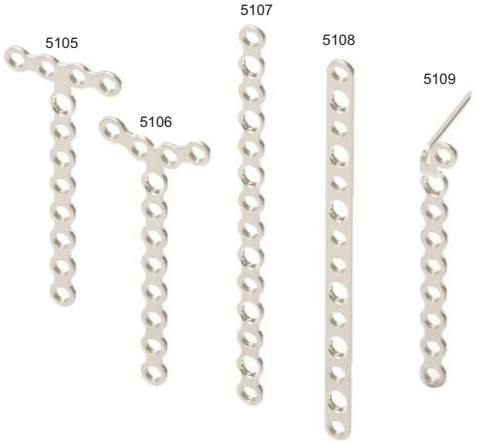
5100/01	PLACA EM “T” BLOQUEADA 3 x 8 *T Locking Plate 3x8*
5100/02	PLACA EM “T” BLOQUEADA 4 x 8 *T Locking Plate 4x8*
5101/01	PLACA EM “Y” BLOQUEADA 3 x 8 *Y Locking Plate 3x8*
5101/02	PLACA EM “Y” BLOQUEADA 4 x 8 *Y Locking Plate 4x8*
5102/01	PLACA BLOQUEADA 06 FUROS *Locking Plate 6 Holes*
5102/02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

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

ORTOSINTESE

Placas
Titânio
Titanium
ISO 5832-2
ASTM F. 67

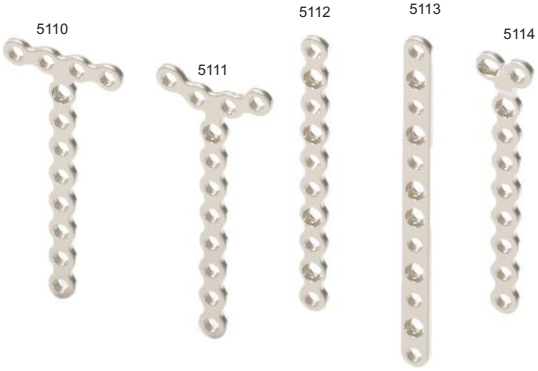
Parafusos
Titânio
*Titanium*Ti 6Al 7Nb
ISO 5832-11
ASTM F.1295



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*

PARAFUSO BLOQUEADO Locking Screw		PARAFUSO CORTICAL *Cortical 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



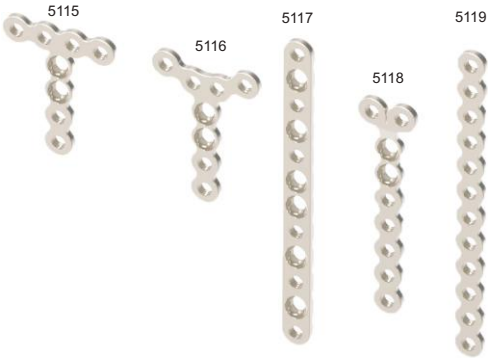
Placas
Titânio
Titanium
ISO 5832-2
ASTM F. 67

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

PARAFUSO BLOQUEADO *Locking Screw*		PARAFUSO CORTICAL *Cortical Screw*	
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

SISTEMA 2,4mm
2,4 System

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



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*		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

SISTEMA 2,7mm
2,7 System

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 *Depth Gauge*
1711	MEDIDOR DE PROFUNDIDADE *Depth Gauge*
1715	FIO COM PONTA ROSQUEADA Ø 1,5 X 150MM *Wire threaded end*
1718/01	TORQUIMETRO 0,4NM *Torquimeter*
1718/02	TORQUÍMETRO 0,8NM *Torquimeter*
1729	AFASTADOR DE GANCHO *Hook Retractor*
1804	TORQUÍMETRO 0,12NM *Torquimeter*
1856	MODELADOR DE PLACA *Plate Bending*
1858	PINÇA CLINICA COM TRAVA *Locked Clinical Forceps*
1998/02	ESCAREADOR Ø 3,5 *Countersink*
1998/03	ESCAREADOR Ø 5,0 *Countersink*
2081/01	AFASTADOR DE HOHMANN DE 6MM *Hohmann Retractor*
2081/02	AFASTADOR DE HOHMANN DE 8MM *Hohmann Retractor*
2084/02	BROCA Ø 2,0 X 150 MM *Drill*
2084/30	BROCA Ø 1,2 X 150 MM *Drill*
2084/31	BROCA Ø 1,4 X 150 MM *Drill*
2084/32	BROCA Ø 1,7 X 150 MM *Drill*
2106	PINÇA DE REDUÇÃO COM PONTAS 130MM *Reduction Forceps with Points*
2356/01	RELEVADOR PERIOSTAL KEY 3MM *Relevador Periosteal Key*
2394	ALICATE MD BABY *Mini Pliers*
2395/01	GUIA DE BROCA Ø 1,2 MM *Drill Guide*
2395/02	GUIA DE BROCA Ø 1,4 MM *Drill Guide*
2395/03	GUIA DE BROCA Ø 1,7 MM *Drill Guide*
2395/04	GUIA DE BROCA Ø 2,0 MM *Drill Guide*
2395/05	GUIA DE BROCA CENTRO/EXCENTRICO *Drill Guide*
2396/01	GUIA DE BROCA ROSCADO Ø 1,2 MM *Threaded Drill Guide*
2396/02	GUIA DE BROCA ROSCADO Ø 1,4 MM *Threaded Drill Guide*
2396/03	GUIA DE BROCA ROSCADO Ø 1,7 MM *Threaded Drill Guide*
2396/04	GUIA DE BROCA ROSCADO Ø 2,0 MM *Threaded Drill Guide*
2397/01	CHAVE HEXALOBULAR T4 Hexalobular Key
2397/02	CHAVE HEXALOBULAR T6 Hexalobular Key
2397/03	CHAVE HEXALOBULAR T8 Hexalobular Key
2398	MODELADOR DE PLACA Plate Bending
4663/02	FIO DE KIRSCHNER Ø 1,0 X 150MM Kirschner Wire

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

6124 6571
6125 6572
6126 6573



6574 6127
6575 6128



6577
6129



6576
6130



6570
6123



4207
6133



6578
6131



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" OBLIQUA 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

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

4400
4401



PLACA PARA CALCANEO
Calcanium 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

4402
4403



PLACA PARA CALCANEO
Calcanium Plate

ESQUERDA *(Left)*		FUROS	COMP.
Titânio	Inox	*Holes*	*Lenght*
4403/01	4402/01	14	60
4403/03	4402/03	14	70

DIREITA *(Right)*		FUROS	COMP.
Titânio	Inox	*Holes*	*Lenght*
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

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

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

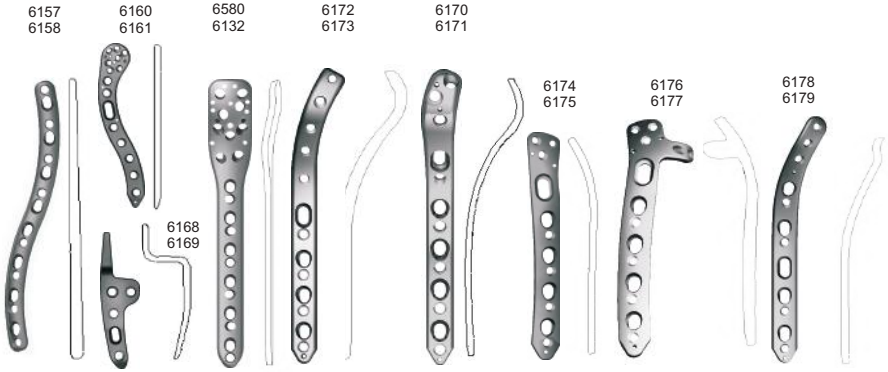


PLACA DISTAL MEDIAL DE TÍBIA
Distal Medial Tibial Plate (Titanium)

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

PLACAS DE MEMBROS SUPERIORES
Upper Limbs Plate

ORTOSINTESE





Inox
Stainless Steel
ISO 5832-1
ASTM F.139

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



PLACA PARA ÚMERO LATERAL
Lateral Humerus Plate

REF. Direita/Right	REF Esquerda/Left	FUROS *Holes*
6172/01	6173/01	3
/02	/02	5
/03	/03	7

PLACA PARA ÚMERO POSTERO LATERAL
Posterolateral Humerus Plate

REF. Direita/Right	REF Esquerda/Left	FUROS *Holes*
6174/01	6175/01	3
/02	/02	5
/03	/03	7

PLACA OLÉCRANO
Olecranon Plate

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

PLACA PARA CLAVÍCULA
Clavicle Plate

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

PLACA PARA CLAVÍCULA HOOK
Clavicle Hook Plate

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

PLACA PARA ÚMERO ANTERO MEDIAL
Anteromedial Humerus Plate

REF. Direita/Right	REF Esquerda/Left	FUROS *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 *Titanium*	FUROS *Holes*	COMP./mm *Length*	AÇO INOX *Stainless Steel*	FUROS *Holes*	COMP./mm *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			

PARAFUSO CORTICAL Ø 2,7mm
Self Tapping Cortical Screw



REF.Titânio *Titanium*	REF.INOX *Stainless Steel*	COMPR. *Lenght*
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



Inox
Stainless Steel
ISO 5832-1
ASTM F.138

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

REF. Titânio *Titanium*	REF. INOX *Stainless Steel*	COMPR. *Lenght*
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

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



REF.Titânio *Titanium*	REF.INOX *Stainless Steel*	COMPR. *Lenght*
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 *Titanium*	REF.INOX *Stainless Steel*	COMPR. *Lenght*
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
1416	5011	45
1417	5012	50
1418	5013	55
1419	5014	60
1420	5015	65
1421	5016	70
1422	5017	75
1423	5018	80
1424	5019	85
	5020	90

PARAFUSO ESPONJOSO COM ROSCA PARCIAL Ø 4mm
Cancellous Screw

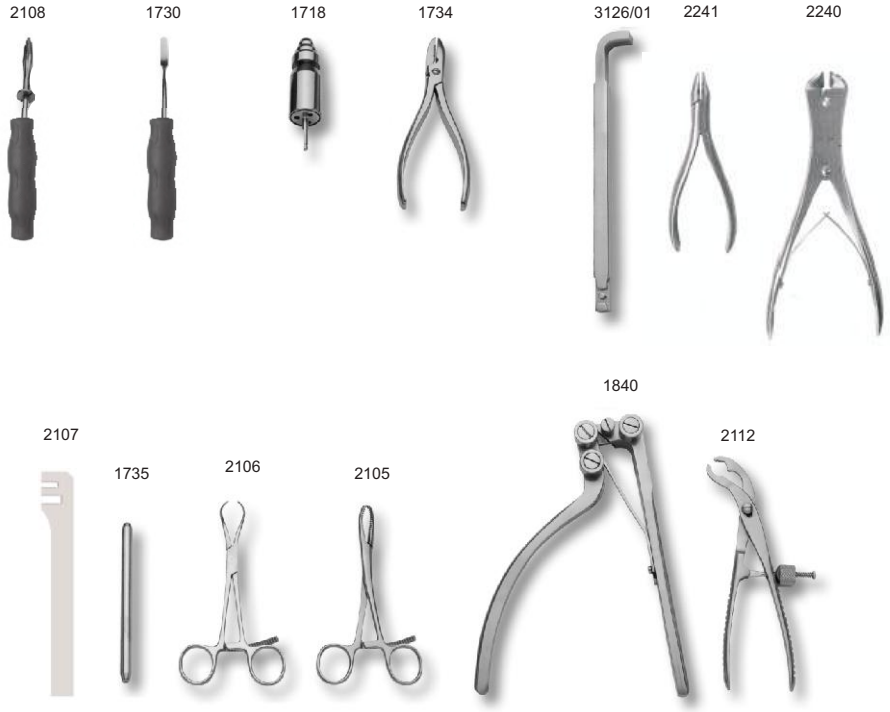


REF.Titânio *Titanium*	REF.INOX *Stainless Steel*	COMPR. *Lenght*
1300	3180	10
1301	3181	12
1302	3182	14
1303	3183	16
1304	3184	18
1305	3185	20
1306	3186	22
1307	3187	24
1308	3188	26
1309	3189	28
1310	3190	30
1311	3191	35
1312	3192	40
1313	3193	45
1314	3194	50

PARAFUSO ESPONJOSO Ø 4mm (ROSCA TOTAL)
Cancellous Screw



REF.Titânio *Titanium*	REF. INOX *Stainless Steel*	COMPR. *Lenght*
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



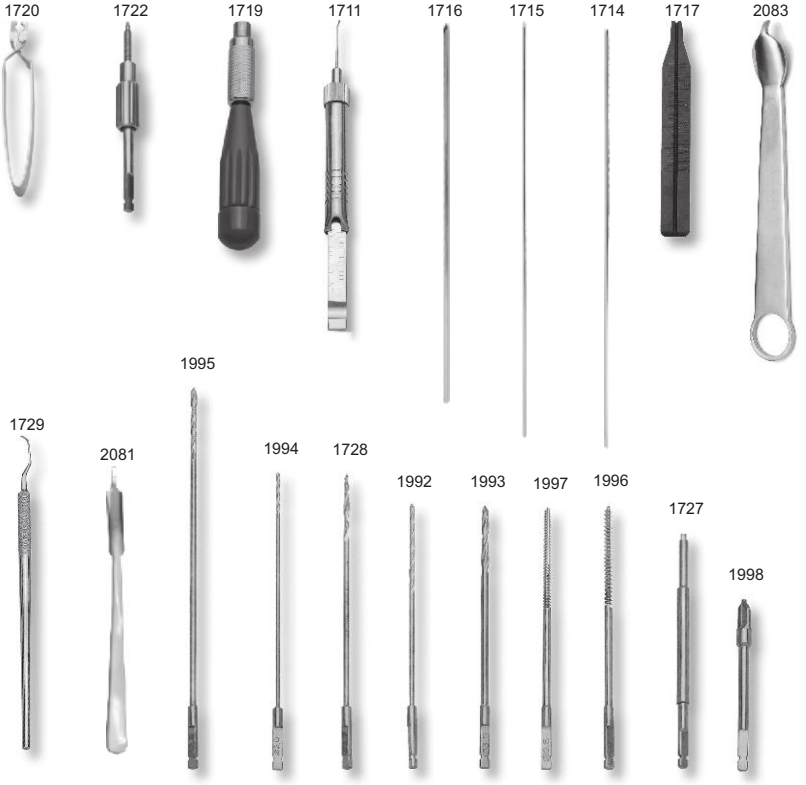
1718	TORQUÍMETRO 1,5 N *Torque Wrench*
1730	AFASTADOR DESCOLADOR *Retractor*
1734	CORTADOR MODELADOR DE FIOS *Cutter*
1735	ALINHADOR DE BROCA *Drill Aligner*
1840	MODELADOR E RETORCEDOR DE PLACA *Plate Countersink*
2105	PINÇA DE REDUÇÃO C/ PONTO Ø 140 mm *Reduction Forceps*
2106	PINÇA DE REDUÇÃO COM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

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

INSTRUMENTAL DE PEQUENOS FRAGMENTOS PARA PLACA BLOQUEADA
Small Fragments Locking Instruments



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



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

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

6164
6137



6163
6136



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

Inox
Stainless Steel
ISO 5832-1
ASTM F.139

PLACA VOLFIX T OBLÍQUA ESQUERDA
"T" Left Volfix Plate

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

6186
6188



6187
6189



PLACA VOLFIX T OBLÍQUA P
"T" Volfix Plate

REF.ESQUERDA	REF.DIREITA	Furos
Titânio	*Titânio*	*Holes*
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
Titânio	*Titânio*	*Holes*
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.
Stainless Steel	*Titanium*	*Lenght*
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.
Stainless Steel	*Titanium*	*Lenght*
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 Parcial Thread



INOX	Titânio	INOX	Titânio
Stainless Steel	*Titanium*	*Stainless Steel*	*Titanium*
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

Inox
Stainless Steel
ISO 5832-1
ASTM F.138

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

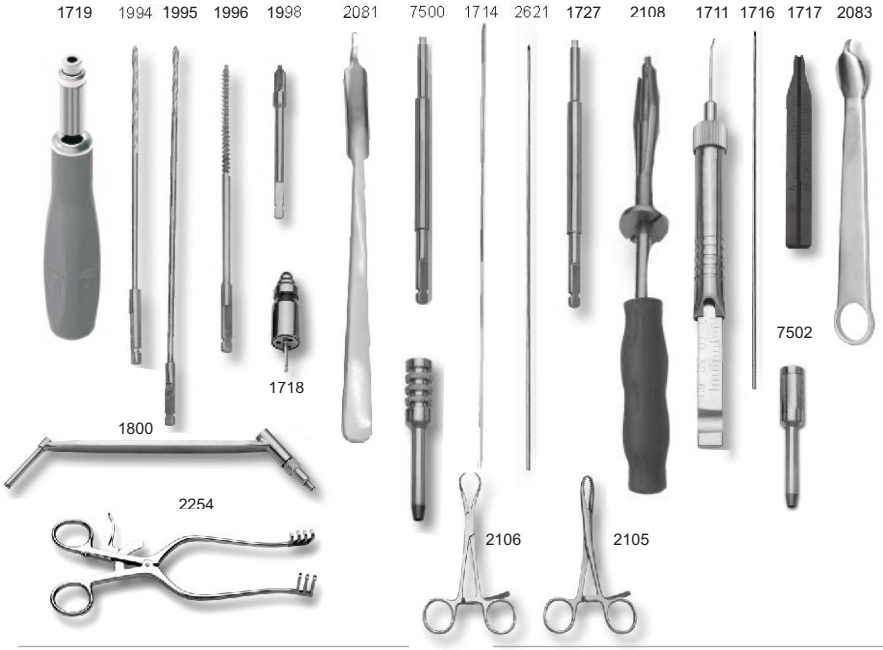
PINO Ø2
Peg



REF.INOX	REF.Titânio	Tamanho
Stainless Steel	*Titanium*	*Size*
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

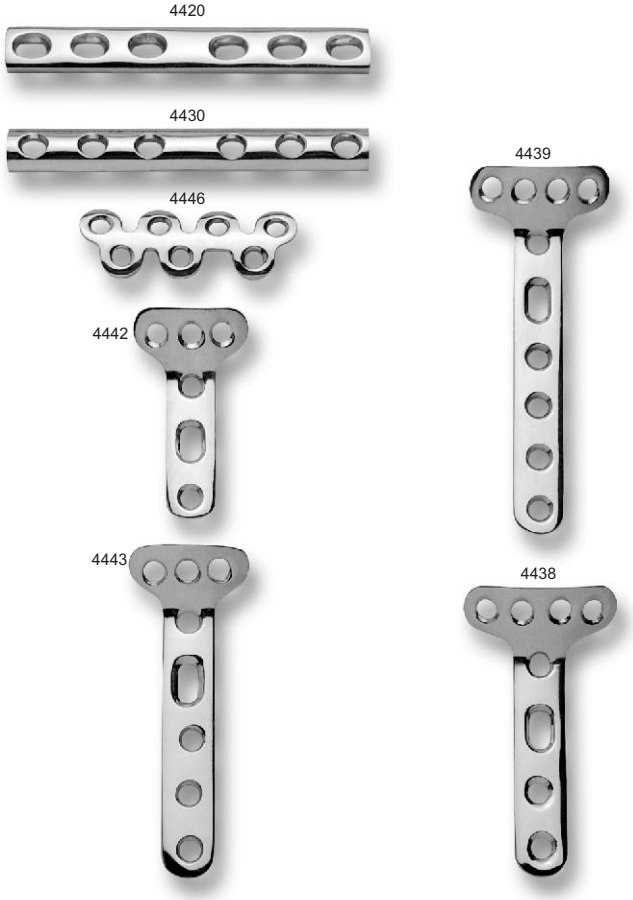
INSTRUMENTAL PARA PLACA VOLFIX
Volfix Plate Instruments

ORTOSINTESE



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

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



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

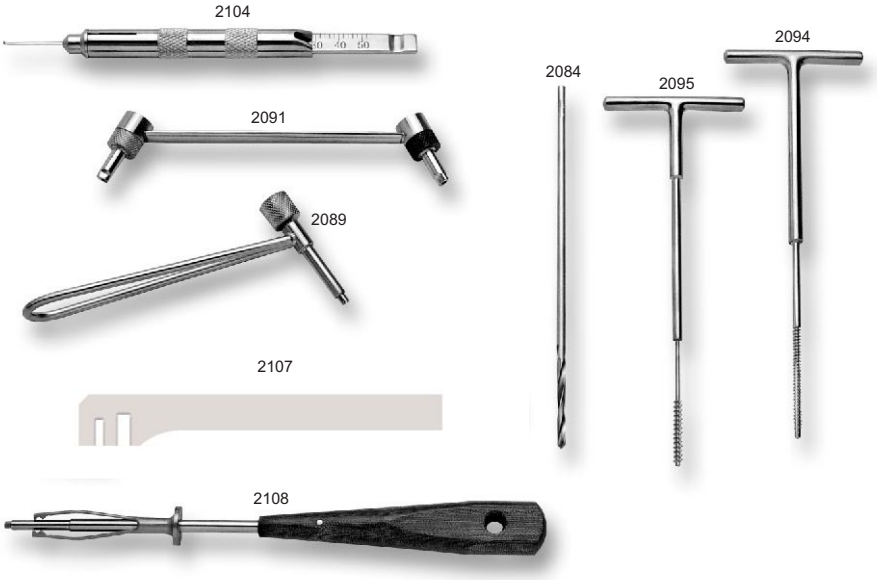
- *PARA USO COM PARAFUSO CORTICAL E ESPONJOSO DE 3,5 mm E PARAFUSO ESPONJOSO DE 4,0 mm*
- *For use With 3,5 mm Cortical and Cancellous Screw and 4,0 mm Cancellous Screw*

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	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*

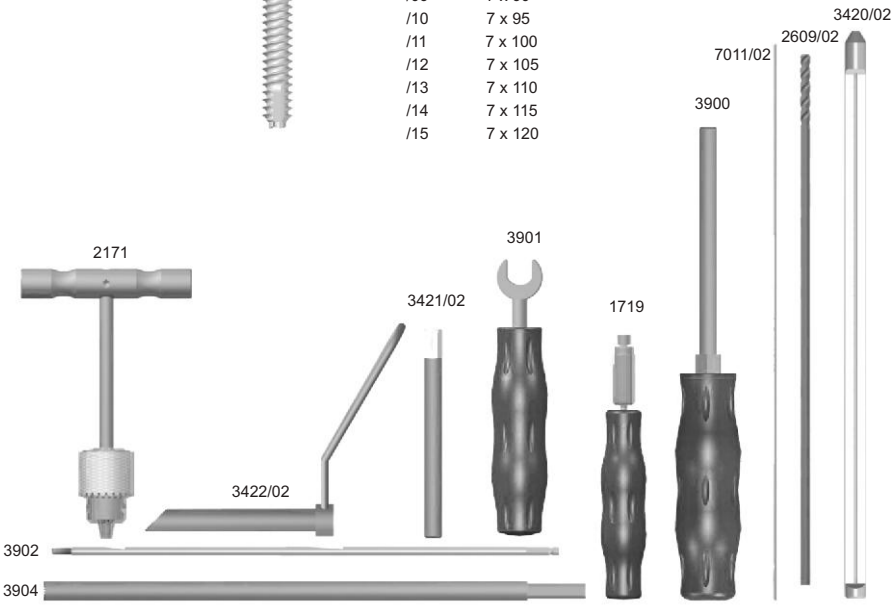
Inox
Stainless Steel
ISO 5832-1
ASTM F.138

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



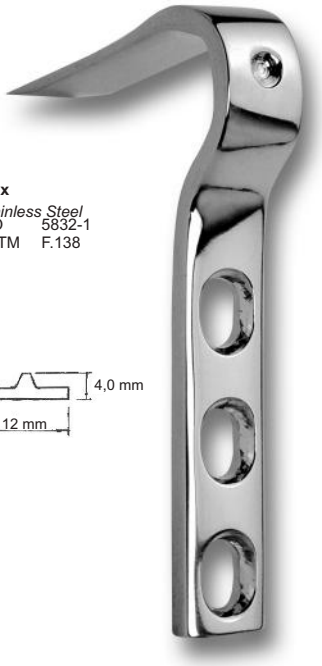
1719	CABO COM ENGATE RÁPIDO *Quick Couplings Handle*
2171	CHAVE "T" P/ INSERÇÃO E REMOÇÃO DE FIOS *"T" Wrench With Chuck*
2609/02	BROCA CANULADA Ø 5,2X280 mm *Cannulated Drill*
3420/02	MEDIDOR 300mm *Gauge*
3421/02	GUIA DO FIO *Wire Guide*
3422/02	GUIA DO MACHO *Tap Guide*

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*

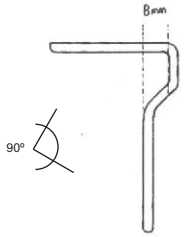
PLACA ANGULADA PARA OSTEOTOMIA EM CRIANÇAS
Children Osteotomy Angled Plate

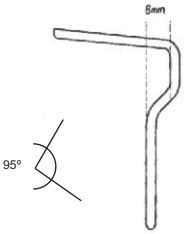
ORTOSINTESE

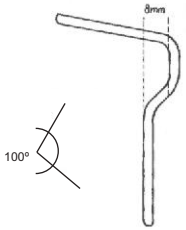
4481



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

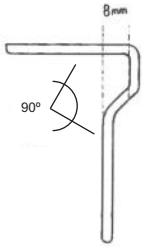
REF.	ANG.	PLACA Plate	LÂMINA Blade
4481/03	90º	52	25
/04	90º	52	32
/05	100º	52	25
/06	100º	52	32

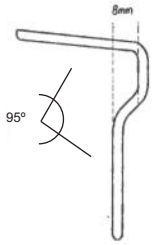
PLACA ANGULADA PARA OSTEOTOMIA EM CRIANÇAS
Children Osteotomy Angled Plate

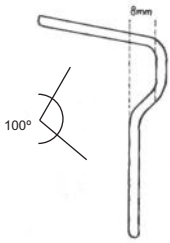
4482











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



2122	IMPACTOR *Impactor*
2123	GUIA *Guide*
2125	GUIA *Guide*
2126	IMPACTOR PROPULSOR *Impactor*
2129	POSICIONADOR 20º - 60º - 100º *Positioning Guide*
2130	POSICIONADOR 30º - 70º - 80º *Positioning Guide*

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

PLACA BLOQUEADA OSTEOLOCK PARA OSTEOTOMIA
Osteotomy Locking Plate



PLACA BLOQUEADA PARA OSTEOTOMIA PUDDU
Puddu Locking Plate for Osteotomy

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

Inox
Stainless Steel
ISO 5832-1
ASTM F.139



CALÇO
Wredge

REF.	Tamanho *Size*
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 *Stainless Steel*	COMPR. *Length*	REF.INOX *Stainless Steel*	COMPR. *Length*
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		

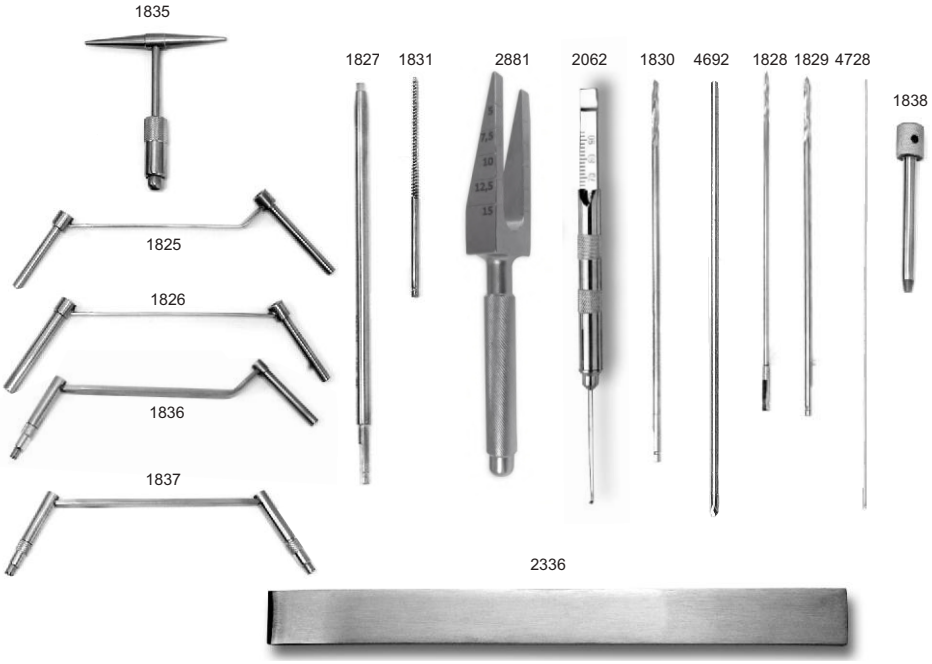


PARAFUSO CORTICAL AUTO-ROSQUEANTE COM BLOQUEIO Ø 5,0 mm
Cortical Screw Self Tapping

REF.INOX *Stainless Steel*	COMPR. *Length*	REF.INOX *Stainless Steel*	COMPR. *Length*
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		

INSTRUMENTAL PARA PLACAS OSTEOLOCK
Osteolock Instruments

ORTOSINTESE



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

2881	CUNHA ESPAÇADORA *Wedge Spacer*
4692	GUIA FIO *Wire Guide*

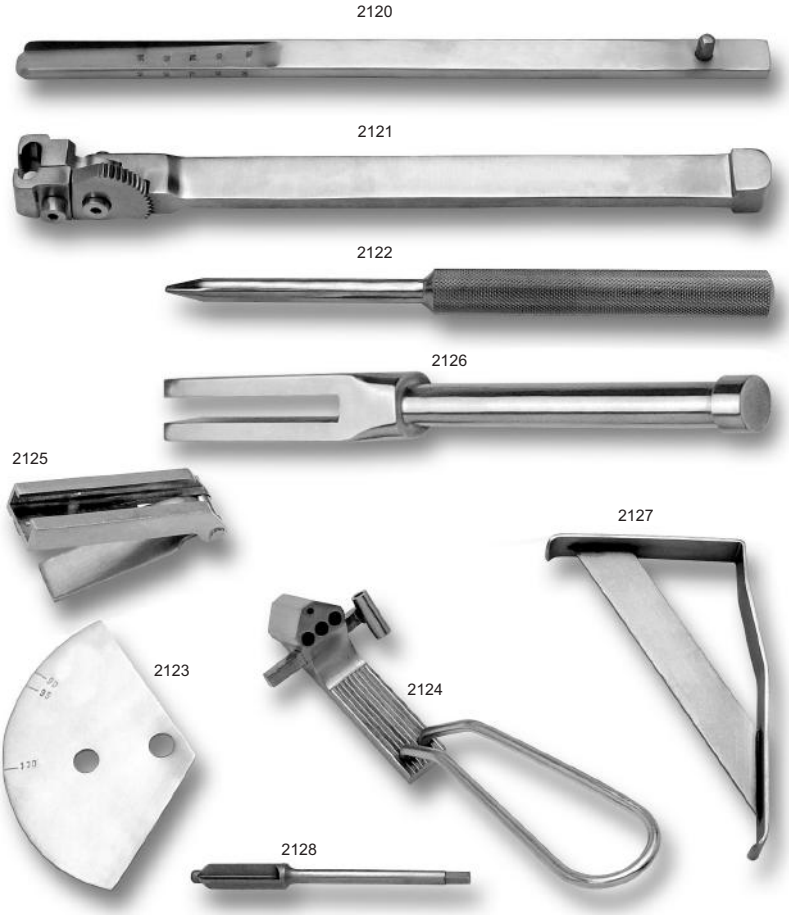
OSTEÓTOMO LAMBOTTE FORMÃO TIPO FACA CURVO
COMPR. 229 mm
Lambotte Osteotome Curved Knife Type Length

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 *Initial Osteotome*
2121	IMPACTOR EXTRATOR DE ANGULADOR *Impactor Extractor*
2122	IMPACTOR *Angulated Final Impactor*
2123	GUIA *Guide*
2124	GUIA TRÍPLICE *Triple Guide*

2125	GUIA *Chisel Guide*
2126	PROPULSOR DO IMPACTOR *Extractor Impactor*
2127	GUIA DA PLACA CONDILAR *Condylar Plate Guide*
2128	FRESA *Reamer*

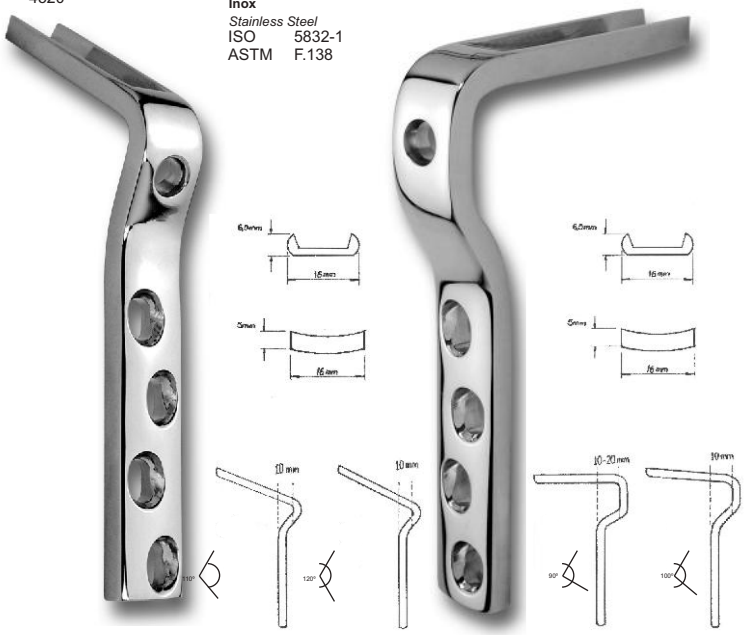
PLACA ANGULADA PARA OSTEOTOMIA
Osteotomy Angled Plate

ORTOSINTESE

4520

Inox
Stainless Steel
ISO 5832-1
ASTM F.138

4528



- *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	110º	65
/02	4	110º	75
/03	4	110º	85
/04	4	120º	65
/05	4	120º	75
/06	4	120º	85

PLACA ANGULADA PARA OSTEOTOMIA
Angled Plate For Osteotomy

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

4546



4534



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 130º
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 95º
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

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

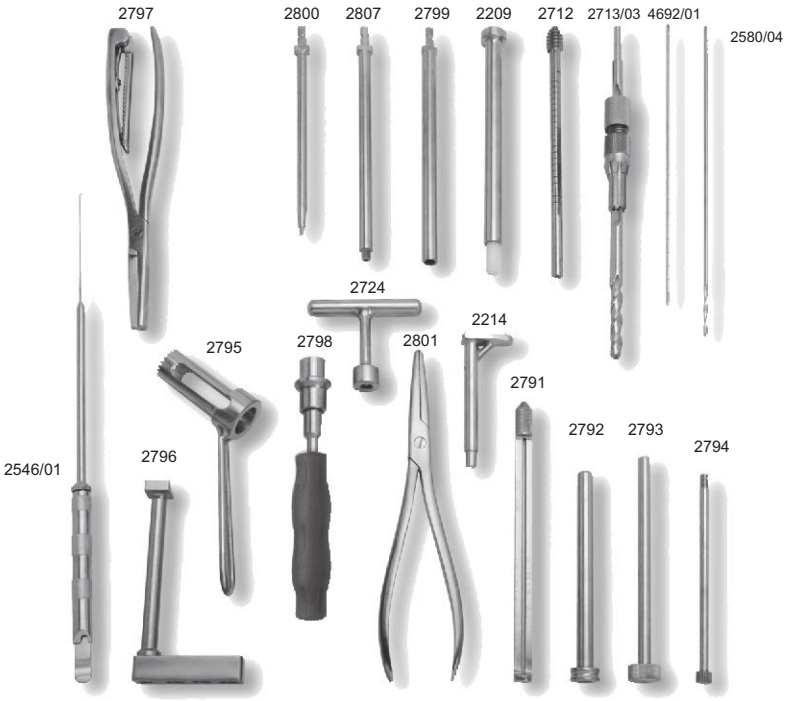
REF.	FUROS Holes
4912/01	3



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



2209	IMPACTOR DE PLACA *Plate Impactor*
2214	GUIA 135° *Guide*
2546/01	MEDIDOR EXTRA LONGO *Extra Large Depht Gauge*
2580/04	BROCA 3,2 x 250 mm *Drill*
2712	MACHO *Tap*
2713/03	FRESA COMBINADA 95º *Reamer*
2724	CABO EM T *"T" Handle*
2791	MEDIDOR DE PROFUNDIDADE PINO DESLIZANTE *Gauge Depht*
2792	GUIA CAMISA EXTERNA *Guide*
2793	GUIA CAMISA INTERNA *Guide*

2794	GUIA APARAFUSADO DA PLACA *Guide*
2795	GUIA PROTETOR DA BROCA *Guide*
2796	GUIA PLACA *Guide*
2797	GUIA ROTACIONADORA *Guide*
2798	CHAVE COM ENGATE RÁPIDO *Wrench*
2799	CHAVE EXTERNA PINO DESLIZANTE *Wrench*
2800	CHAVE PARAFUSO CORTICAL Ø 4,5 mm *Cortical Screw Wrench*
2801	PINÇA ROTACIONADORA *Forceps*
2807	CHAVE INTERNA DO PINO DESLIZANTE *Internal Sliding Wrench*
4692/01	FIO GUIA 2,5 x 230 mm *Guide Wire*

PLACA TUBO 135º 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 95º 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 Length	ROSCA mm 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

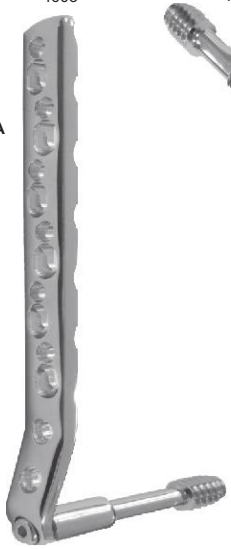


PARAFUSO DESLIZANTE SDQ / SDC
Sliding Screw For DHS / DCS Tube Plate

REF.	COMPR. mm Length	ROSCA mm 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

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

4603



4604



PLACA TUBO 95º **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

PLACA TUBO 135º **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

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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

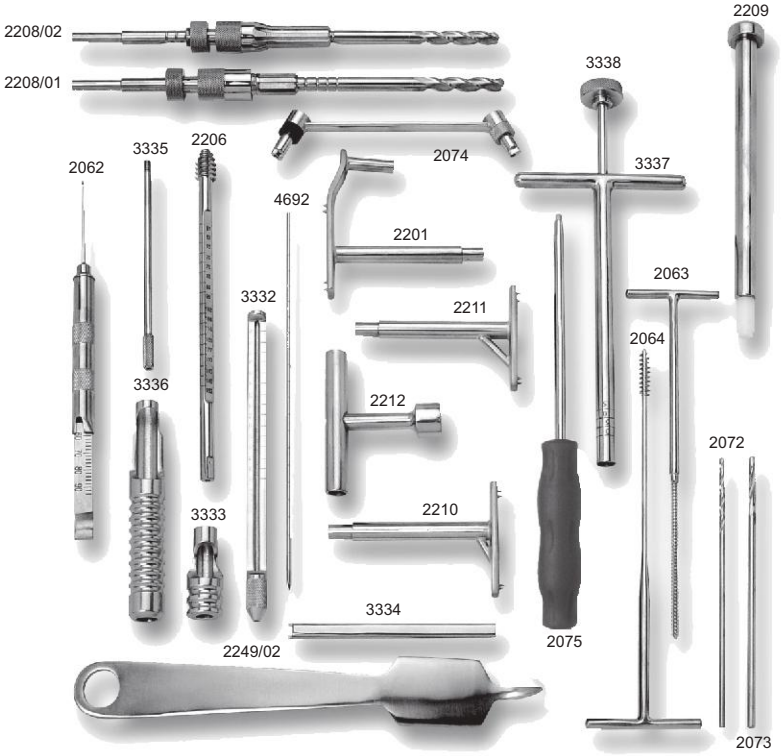
REF.	COMPR. mm Length	ROSCA mm Thread
4594/01	51	20
/02	57	20
/03	63	20
/04	70	20
/05	76	20
/06	82	20
/07	89	20
/08	95	20
/09	102	20
/10	108	20
/11	114	20
/12	121	20
/13	127	20
/14	133	20
/15	140	20
/16	146	20
/17	152	20

4594 4595



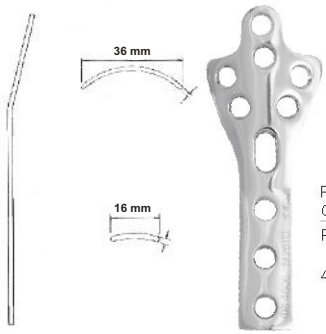
PARAFUSO DESLIZANTE SDQ / SDC
Sliding Screw For DHS / DCS Tube Plate

REF.	COMPR. mm Length	ROSCA mm 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 *Large Fragments Screw Gauge*	2206	FRESA MACHO *Tap Reamer*	3332	MEDIDOR *Gauge*
2063	FRESA MACHO Ø 4,5 mm *Tap Reamer*	2208/01	FRESA COMBINADA 95º *Reamer*	3333	GUIA DO MACHO *Tap Guide*
2064	FRESA MACHO Ø 6,5 mm *Tap Reamer*	2208/02	FRESA COMBINADA 135º *Reamer*	3334	GUIA DA PLACA *Plate Guide*
2072	BROCA AÇO INOX Ø 3,2 X 150 mm *Stainless Stell Drill*	2209	IMPACTOR DE PLACA *Plate Impactor*	3335	PINO GUIA DA PLACA *Pin Plate Guide*
2073	BROCA AÇO INOX Ø 4,5 X 150 mm *Stainless Stell Drill*	2210	GUIA ANGULADO 150º *Angled Guide*	3336	GUIA DA CHAVE *Guide for "T" Wrench*
2074	GUIA DE BROCA Ø 3,2 mm *Drill Guide For Plates*	2211	GUIA ANGULADO 135º *Angled Guide*	3337	CHAVE EM "T" *"T" Handle*
2075	CHAVE SEXTAVADA 3,5 *Hexagonal Screwdriver*	2212	CABO T *"T" Handle*	3338	GUIA DE PINO *Pin Fixator*
2201	GUIA ÂNGULO 95º *Angled Guide*	2249/02	AFASTADOR HOHMANN 35X255 *Hohmann Retractor*	4692	GUIA FIO *Wire Guide*

4606



PLACA TREVO
Cloverleaf Plate

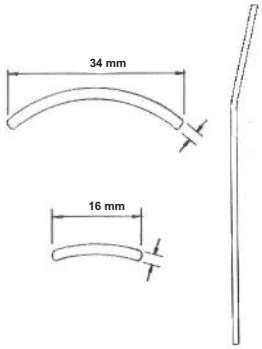
REF.	FUROS *Holes*	COMPR.mm *Length*
4606/01	3	96
/02	4	111
/03	5	126
/04	6	141
/05	7	156
/06	8	171

• 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.*

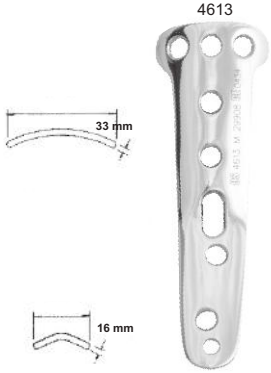
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Stainless Steel
ISO 5832-1
ASTM F.139

4608





4613



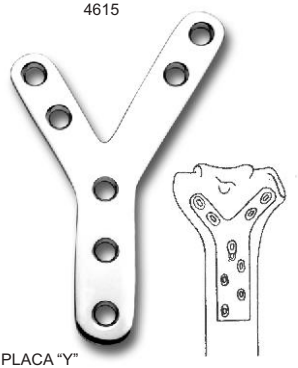
PLACA "T"
"T" Plate

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

PLACA COLHER
Spoon Plate

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

4615



PLACA "Y"
"Y" Plates

DIREITA Right REF.	ESQUERDA Left REF.	FUROS Holes	COMPR. mm Lenght
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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ISO 5832-1
ASTM F.139



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. Lengtht	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

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Stainless Steel
ISO 5832-1
ASTM F.139

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
4626/02	/02	5	101
4626/03	/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*	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

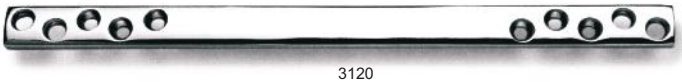
REF.	FUROS Holes	COMPR. mm Length
4632/01	8	170
/02	9	186
/03	10	202
/04	11	218
/05	6	138
/06	7	154
/07	12	234
/08	14	266
/09	16	298
/10	5	122

ORTOSINTESE

3119



3118



3120



3121



4317



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Stainless Steel
ISO 5832-1
ASTM F.139

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

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*

3122



3128



- *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

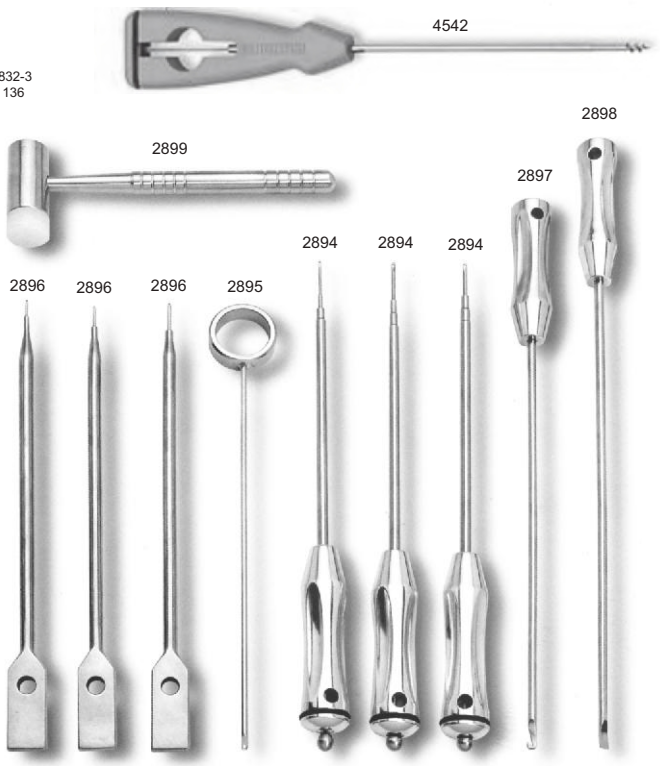
PLACA DE RECONSTRUÇÃO PÉLVICA curva Ø 3,5
Plate For Pelvic Reconstruction

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

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



2894/01	CHAVE INTRODUTORA 2,8 mm *Introduction Wrench*
2894/02	CHAVE INTRODUTORA 4,0 mm *Introduction Wrench*
2894/03	CHAVE INTRODUTORA 5,0 mm *Introduction Wrench*
2895	IMPACTOR EXTRATOR *Impactor Extractor*
2896/01	PERFURADOR INICIAL Ø 2,8 mm *Initial Perfurator*
2896/02	PERFURADOR INICIAL Ø 4,0 mm *Initial Perfurator*
2896/03	PERFURADOR INICIAL Ø 5,0 mm *Initial Perfurator*
2897	EXTRATOR DE FIO *Wire Extractor*
2898	OSTEÓTOMO *Osteotome*
2899	MARTELO *Mallets*

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

Titânio
Titanium
ASTM F. F67



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

6456 6457 6458 6459 6460 6461



6462 6463 6464 6465 6466



6467 6468 6469 6470



Titânio
Titanium
ASTM F. F67

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

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

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

ORTOSINTESE

6390 6391



6392 6393



6394 6395



6396 6397



6398 6399



6400



6401



6402



6403



6404 6405



6406

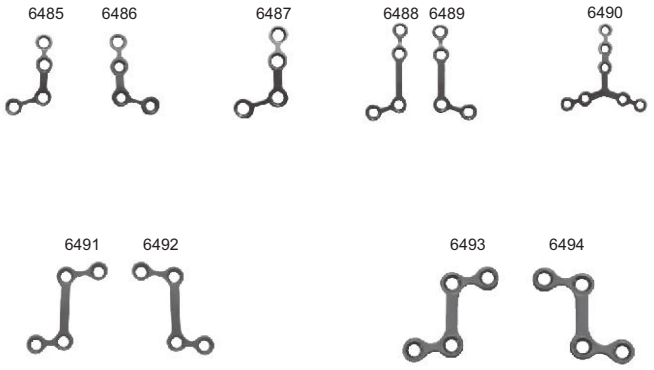


6407

Titânio
Titanium
ASTM F. F67

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

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



Titânio
Titanium
ASTM F. F67

6485	PLACA L ESQUERDA CURTA OBLIQUA Ø 2,0 mm *"L" Left Short Oblique Plate*
6486	PLACA L DIREITA MÉDIA OBLIQUA Ø 2,0 mm *"L" Right Medium Oblique Plate*
6487	PLACA L ESQUERDA MÉDIA OBLIQUA Ø 2,0 mm *"L" Left Medium Oblique Plate*
6488	PLACA L DIREITA LONGA OBLIQUA Ø 2,0 mm *"L" Right Long Oblique Plate*
6489	PLACA L ESQUERDA LONGA OBLIQUA Ø 2,0 mm *"L" Right Left Oblique Plate*

6490	PLACA Y RIGIDA 4 X 3 FUROS Ø 2,0 mm *"Y" Rigid Plate 4 X 3 Holes*
6491	PLACA Z LONGA DIREITA 4 FUROS Ø 2,0 mm *"Z" Right Long Plate with 4 Holes*
6492	PLACA Z LONGA ESQUERDA 4 FUROS Ø 2,0 mm *"Z" Left Long Plate with 4 Holes*
6493	PLACA Z MÉDIA DIREITA 4 FUROS Ø 2,0 mm *"Z" Right Medium Plate with 4 Holes*
6494	PLACA Z MÉDIA ESQUERDA 4 FUROS Ø 2,0 mm *"Z" Left Medium Plate with 4 Holes*

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

6411/01



6411/02



6412



6413



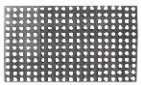
6414/01



6414/02



6414/03



6415/01



6415/02



6415/03



6416/01



6416/02



6416/03



6417/01



6417/02



6417/03



6471



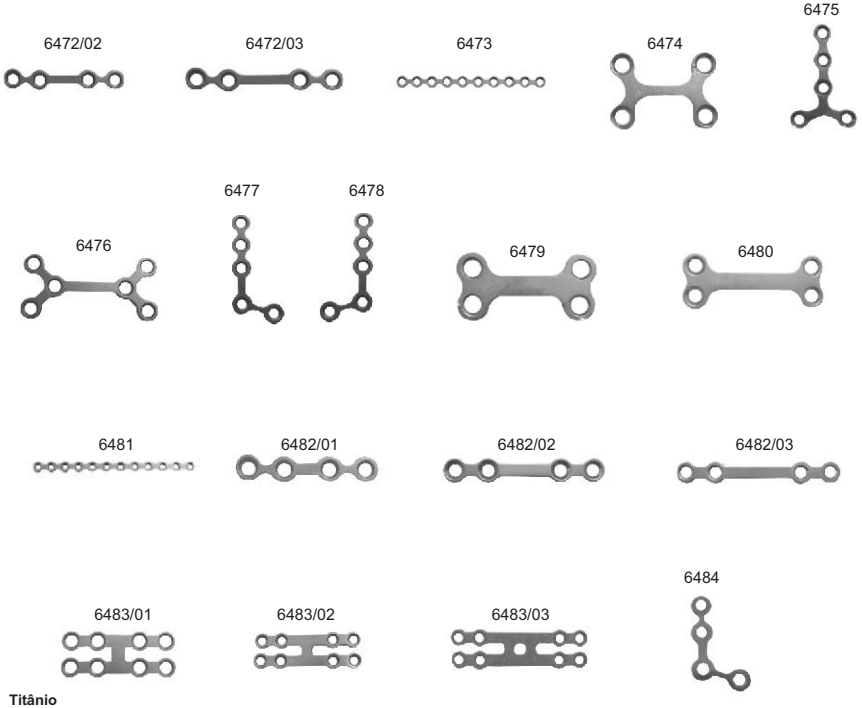
6472/01



Titânio
Titanium
ASTM F. F67

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*



Titânio
Titanium
ASTM F. F67

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


6419


6420


6421


6422


6423


6424


6425

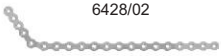

6426/01


6426/02


6427/01


6427/02


6428/01


6428/02


6429/01


6429/02


6430


6431

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

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

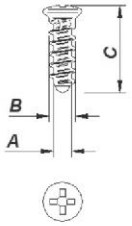
REF.	COMPR. *Length*
6507	2
6508	3
6509	4
6510	6
6511	8
6512	10
6513	12
6514	14
6517	3
6519	5

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*			



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*

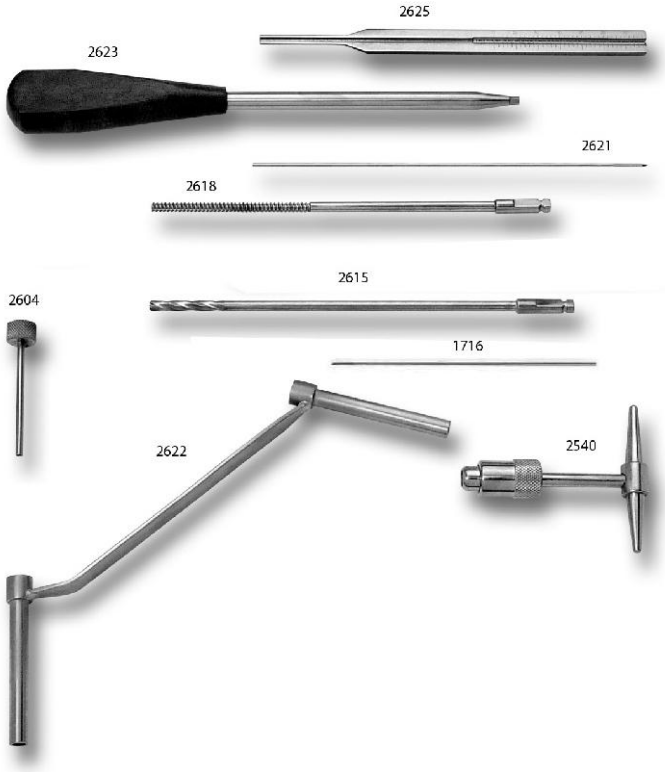


PLACA OCTO PLATE
Octo Plate Plate

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

PARAFUSO CANULADO 3,5 mm
Cannulated Screw

REF.	COMPR mm
	Length
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*



Inox
Stainless Steel
ISO 5832-1
ASTM F 138

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

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

PINO INTRAMEDULAR CANULADO
Intramedular Cannulated Nail

INOX *Inox*	Ø mm
4841	10 x 130º x 190
4842	11 x 130º x 190
4843	12 x 130º 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 130º x 240
4838/02	4891/02	11 x 130º x 240
4839/02	4892/02	12 x 130º x 240

*Opção disponível sob consulta: Ângulo 125º

PINO INTRAMEDULAR ESQUERDO
Intramedular Left Nail

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

PINO INTRAMEDULAR DIREITO
Intramedular Right Nail

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

INSTRUMENTAL PARA SISTEMA SIGNUS PROXIMAL
Signus Proximal Nail System Instruments

ORTOSINTESE



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 130º *Fixation Arch*
2914/02	ARCO DE FIXAÇÃO 130º *Fixation Arch*
2915	GUIA DO IMPACTOR DO MARTELO *Hammer Impactor's Guide*
2919/01	PARAFUSO DE CONEXÃO LONGO *Large Conection 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 *Cleanness Guide*
2939	PERFURADOR CANULADO *Cannulated Drill*
2941	MARTELO DE POLIETILENO *Polyethylene Mallet*
2943	PERFURADOR Ø 2,8 mm *Perfurator*



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

2910	CHAVE Ø 4,5 mm *Wrench*
2912	GUIA CANULADO DA CHAVE “T” *Cannulated Guide “T” Wrench*
2923	BROCA CANULADA Ø 6,5 mm *Cannulated Drill*
2944	CHAVE “T” PARA INTRODUÇÃO E REDUÇÃO *“T” Wrench For Introduction and Reduction*

INSTRUMENTAL PARA SISTEMA SIGNUS PROXIMAL
Signus Proximal Nail System Instruments

ORTOSINTESE



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

2900	GUIA DE PROTEÇÃO HÍSTICA Ø 11,0 / 8,0 mm *Histic Protection Guide*
2901	GUIA DE BROCA Ø 8,0 / 4,0 mm *Drill Guide*
2907	MEDIDOR DE PROFUNDIDADE Ø 2,8 mm *Depht Gauge*
2921	FRESA DE Ø 11,0 mm *Reamer*
2930	FRESA CANULADO MACHO Ø 6,5 mm *Cannulated Reamer*
2931	GUIA DE PROTEÇÃO HÍSTICA Ø 14,0 / 11,0 mm *Histic Protection Guide*
2932	GUIA DE BROCA 11,0 x 2,8 mm *Drill Guide*

2933	PERFURADOR Ø 2,8 mm *Perfurator*
2934	MEDIDOR DE PROFUNDIDADE P/ GUIAS Ø 2,8 X 350 mm *Depht Gauge For Guide*
2935	GUIA DE PROTEÇÃO HÍSTICA 8,0 x 6,5 mm *Histic Protection Guide*
2936	GUIA DE BROCA 6,5 x 2,8 mm *Drill Guide*
2945	GUIA FIO 2,8 x 350 mm COM PONTO ROSQUEADA *Wire Guide Threaded Point*
2947	GUIA ORIENTADOR PARA BLOQUEIO DISTAL *Distal Blocking Orienting Guide*

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

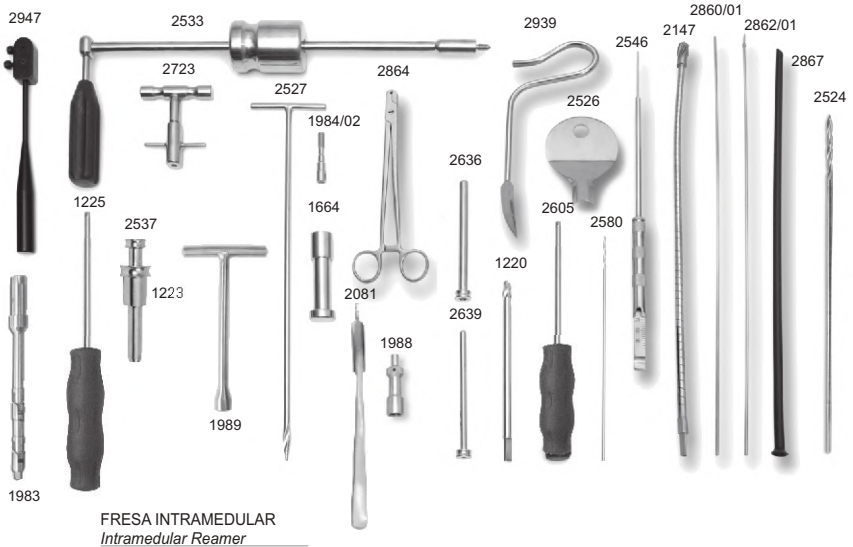
	4841 Ø 10	4842 Ø 11	4843 Ø 12	4844 Ø 13	COMPR. *Length*
/01	●	●	●	●	300
/02	●	●	●	●	320
/03	●	●	●	●	340
/04	●	●	●	●	360
/05	●	●	●	●	380
/06	●	●	●	●	400
/07	●	●	●	●	420
/08	●	●	●	●	440
/09	●	●	●	●	460
/10	●	●	●	●	480

1221/02	GUIA ALINHADOR ROSQUEADO FEMORAL *Threaded Alignment Fêmoral Guide*
1222	GUIA APALPADOR *Alignment Guide*
2638/01	CABEÇA CONECTORA *Ortolock Guide*
3323	PARAFUSO TAMPÃO *Inox Plug Screw*



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

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

FRESA MANUAL PARA ABRIR CAVIDADE MEDULAR
Intramedular Rigid Reamer

2527/03	Ø 09mm
/04	Ø 10mm
/05	Ø 11mm

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

4818
4819
4826



2597



2597	PARAFUSO TAMPÃO *Plug Screw*

Inox
Stainless Steel
ISO 5832-1
ASTM F 138

3178



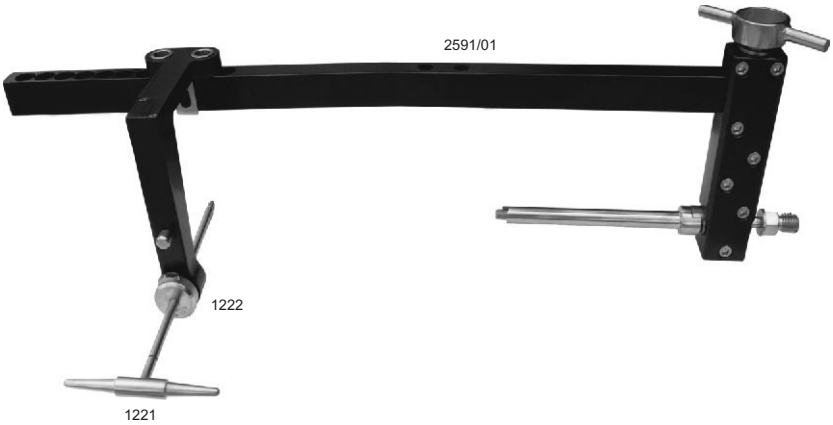
PINO DE TRAVA
Locking Bolt

REF.	COMPR. *Length*	REF.	COMPR. *Length*
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. *Length*
/01	●	●	●	255
/02	●	●	●	270
/03	●	●	●	285
/04	●	●	●	300
/05	●	●	●	315
/06	●	●	●	330
/07	●	●	●	345
/08	●	●	●	360
/09	●	●	●	375

1221/01	GUIA ALINHADOR BLOQUEADO TIBIAL *Threaded Aligment Guide*
1222	GUIA DO ALINHADOR *Aligment Guide*
2591/01	GUIA DE BLOQUEIO *Blocking Device*



INSTRUMENTAL PARA ORTOLOCK TIBIAL CANULADO
Ortolock Cannulated Tibial Instruments

ORTOSINTESE



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 P/ 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 Extrator*
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 Perfurator*

4633



4634



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

3176



2644

2644	GUIA DE BLOQUEIO *Blocking Device*
4634	PARAFUSO TAMPÃO *Plug Screw*

ORTOLOCK UMERAL Ø 7 mm
Humeral Ortolock Nail

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

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

INSTRUMENTAL PARA ORTOLOCK UMERAL
Ortolock Humeral Instruments

ORTOSINTESE



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 *Perfurator*
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*

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

7110



7110	GUIA TIBIAL STS *STS Guide*	

ORTOLOCK STS
STS Ortolock

	4500 Ø09mm	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



7097



PONTA DE FRESA INTRAMEDULAR
Intramedular Reamer

REF. *Ref.*	Ø mm
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

7096



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

PARAFUSO TAMPÃO
Plug Screw

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

4508



PARAFUSO DE TRAVA Ø 4,9
LockingScrew

REF.	COMPR.MM *Lenght 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
/24	105
/25	110
/26	115

4509



4507

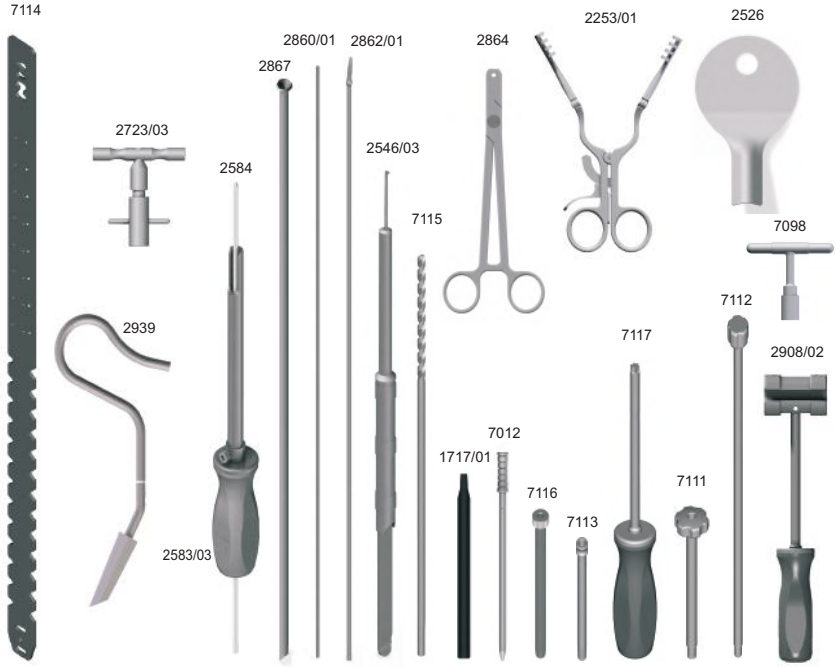


4507	PARAFUSO DE REDUÇÃO Reduction Screw

7097/01	HASTE PARA FRESA INTRAMEDULAR Ø 7mm *Intramedular Reamer Stem*
7097/02	HASTE PARA FRESA INTRAMEDULAR Ø 8mm *Intramedular Reamer Stem*

SISTEMA DE HASTE BLOQUEADA TIBIAL - STS
Smart Tibial System

ORTOSINTESE



1717/01	MEDIDOR 120mm *Gauge120mm*
2253/01	AFASTADOR BECKMAN ADSONØ 160mm *Beckman Adson RetractorØ 160mm*
2526	AFASTADOR DE PARTES MOLES *Retractor Tissue Protector*
2546/03	MEDIDOR EXTRA LONGO 120mm *Extra Large Gauge*
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 *Whire 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*

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*
7111	BATEDOR DE HASTE TIBIAL STS *Tibial Stem Impactor*
7112	SACADOR DE HASTE TIBIAL STS *Tibial Stem Extractor*
7113	CANULA DE PROTEÇÃO *Protector Guide*
7114	RÉGUA DE RAIO 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*

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

ORTOLOCK SFS
SFS Ortolock

	4510 Ø09mm	4511 Ø10mm	4512 Ø11mm	4513 Ø12mm	4514 Ø13mm	4515 Ø14mm	4516 Ø15mm	COMPR. *Lenght*
/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.

4510
4511
4512
4513
4514



4518 PORCA PARA PARAFUSO CONDILAR
Condilar Screw Nut



4507 PARAFUSO DE REDUÇÃO
Reduction Screw



PARAFUSO TAMPÃO
Plug Screw

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

4508



PARAFUSO DE TRAVA Ø 4,9
Locking Screw

REF.	COMPR.MM *Lenght 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

4509



4517

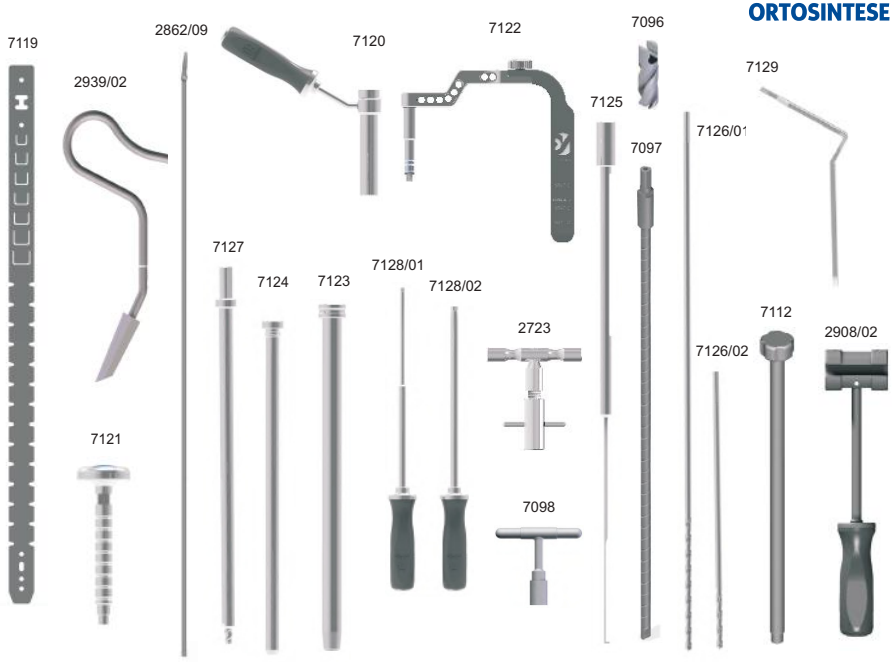


PARAFUSO CONDILAR
Condilar Screw

REF. *Ref.*	Ø mm	COMPR.MM *Lenght 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

SISTEMA DE HASTE BLOQUEADA FEMORAL - SFS
Smart Femoral System

ORTOSINTESE



2862/09	GUIA FIO COM OLIVA Ø 2,9 x 1000mm *Whire Guide with Sphere*
2908/02	MARTELO DESLIZANTE *Sliding Mallet*
2939/02	FRESA CANULADA *Cannulated Reamer*
7098	CHAVE EM T PARA HASTE INTRAMEDULAR *T Wrench for Intramedular Stem*
7112	SACADOR DE HASTE *Stem Extractor*
7119	RÉGUA DE RAIO X *X-Ray Guide*
7120	CANULA DE PROTEÇÃO *Protector Guide*
7121	IMPACTOR *Impactor*
7122	GUIA DE FURAÇÃO SFS *SFS Guide*
7123	CANULA DE FURAÇÃO *Drilling Tube*
7124	CANULA PARA BROCA GRADUADA *Graduate Drill Buckle*

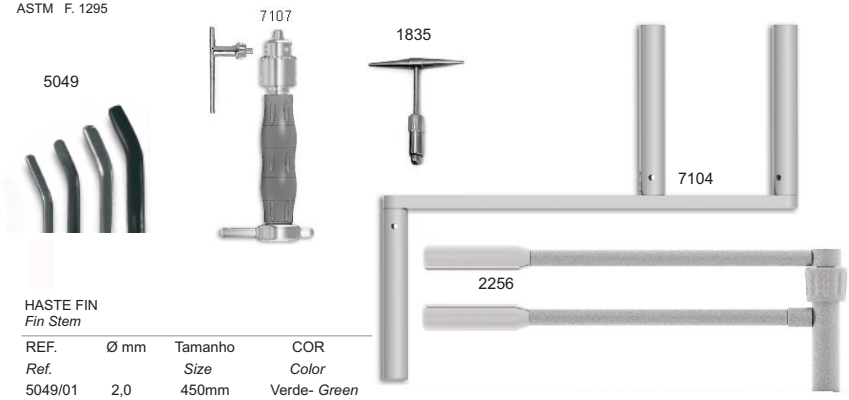
7125	MEDIDOR DE PROFUNDIDADE *Depth Meter*
7126/01	BROCA GRADUADA Ø 4,3 x 350mm *Graduated Drill*
7126/02	BROCA Ø 4,3 x 180mm *Drill*
7127	ESCAREADOR *Reamer*
7128/01	CHAVE STARDRIVE HEXALOBULAR T25 *Hexalobular Stardrive Wrench T25*
7128/02	CHAVE STARDRIVE HEXALOBULAR T40 *Hexalobular Stardrive Wrench T40*
7129	MEDIDOR CURVO DE PROFUNDIDADE *Curved Depth Meter*
7097/02	HASTE PARA FRESA INTRAMEDULAR Ø 8mm *Intramedular Reamer Stem*
2723	EXTRATOR DE FIO Ø 1mm *Wire Extractor*

PONTA DE FRESA INTRAMEDULAR
Intramedular Reamer

REF. *Ref.*	Ø mm
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
/11	12,5
/12	13,0
/13	13,5
/14	14,0
/15	14,5
/16	15,0
/17	15,5
/18	16,0



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*

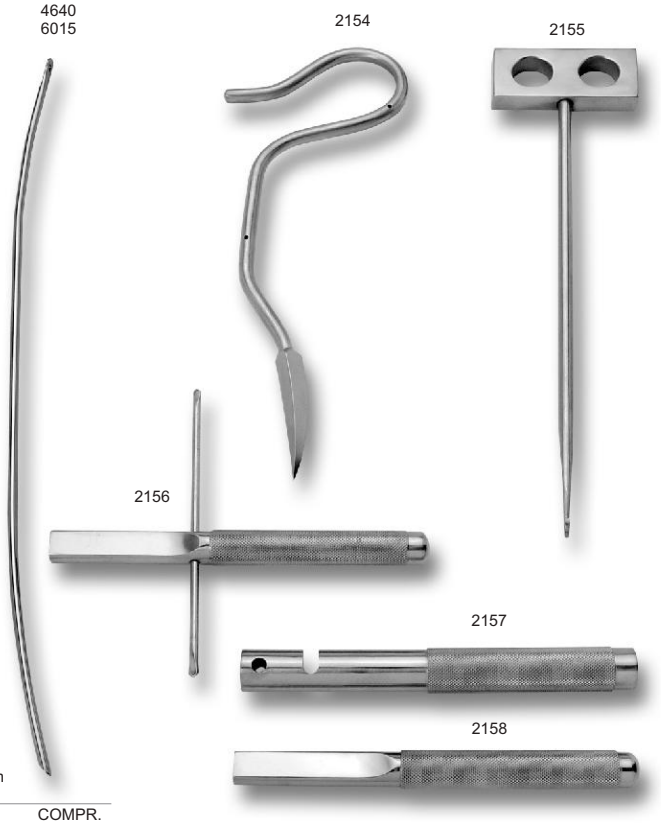
1828	BROCA Ø 3,2 X 195 mm *Drill*
1829	BROCA 4,5 C/ ENGATE RÁPIDO *Drill*
1835	CABO T *"T" Handle*
1995	BROCA C/ ENGATE RÁPIDO 2,8 x 140 mm *Drill*
2256	CORTADOR DE HASTE FIN *Stem Cutter*
2360	MARTELO 500 g *Mallet*
2606	GUIA BROCA *Ø 3,2 / Ø 4,5* *Drill Guide*

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

ORTOSINTESE

Inox
Stainless Steel
ISO 5832-1
ASTM F.138



PINO DE ENDER Ø 4,5 mm
Ender Pin

REF.	COMPR. Lenghts	REF.	COMPR. Lenghts
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. Lenghts	REF.	COMPR. Lenghts
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 *Perfurator*
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 *Trocar*

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 *Trocar*

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 *Meters*
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



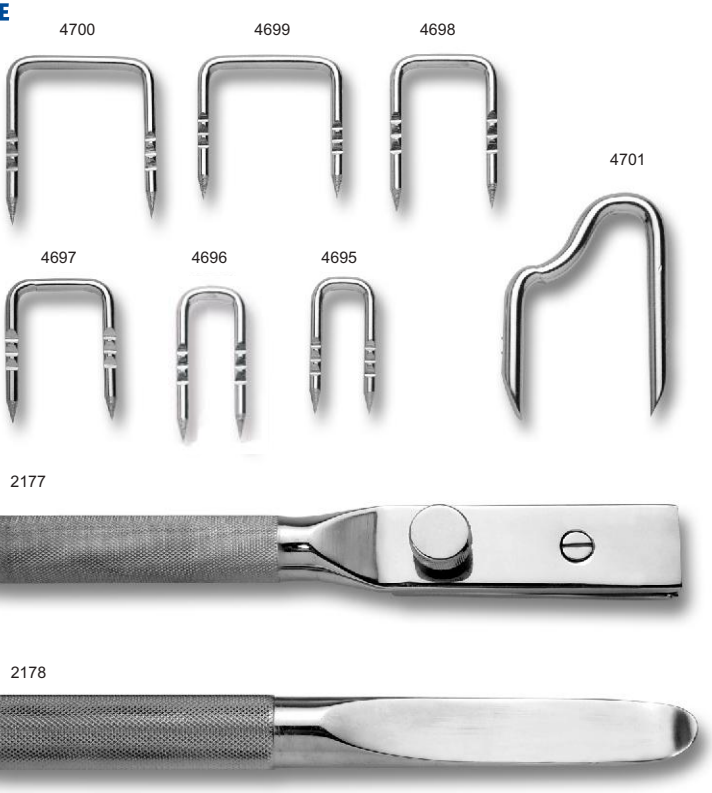
FIO DE AÇO PARA LUQUE
Luque Steel Wire

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

GRAMPO E INSTRUMENTAL PARA EPÍFISE
Epiphyseal Staple And Instruments



Inox
Stainless Steel
ISO 5832-1
ASTM F.138

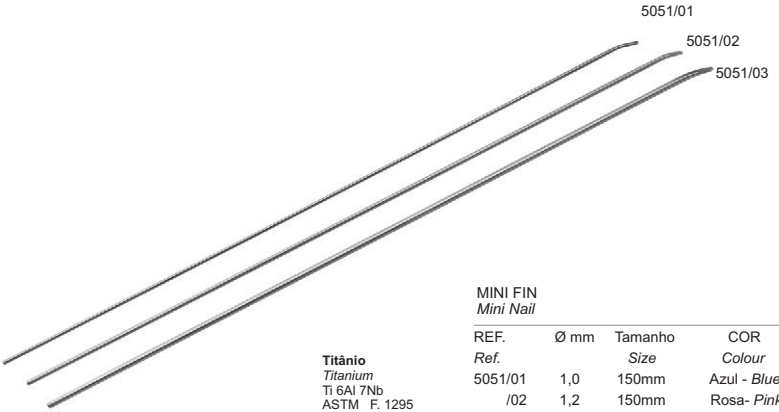
2177	IMPACTOR INICIAL FINAL DE BLOUNT *Blount Initial Final Impactor*
2178	EXTRATOR *Extractor*

GRAMPO TIPO BLOUNT Ø 2,4 mm
Staples Blount Type

REF.	LARGURA *Width*	ALTURA *Heigth*
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 Width	ALTURA Heigth	mm
4701/01	24	33	5,0
/02	24	33	10,0
/03	24	33	15,0



Titânio
Titanium
Ti 6Al 7Nb
ASTM F. 1295

MINI FIN
Mini Nail

REF.	Ø mm	Tamanho	COR
Ref.		*Size*	*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 *Perfurator*

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

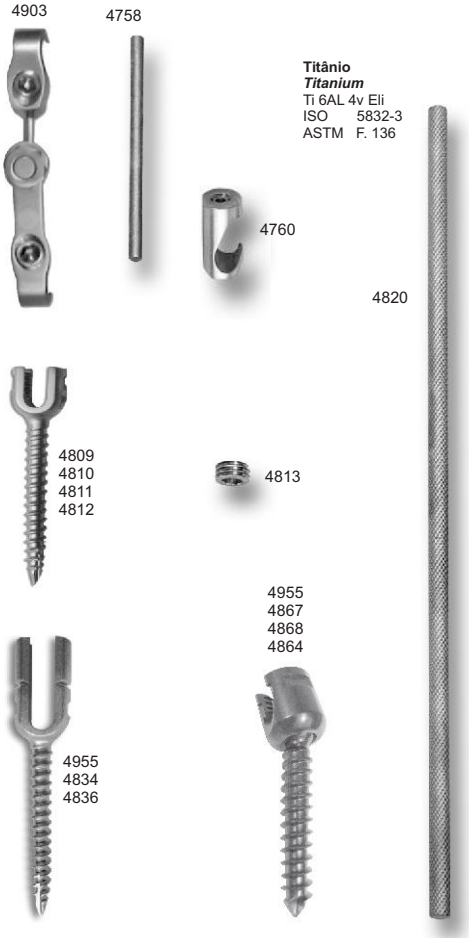
4760	GANCHO STI *STI Hook*
4813	CONTRA PARAFUSO PEDICULAR *Pedicular Counter Screw*

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

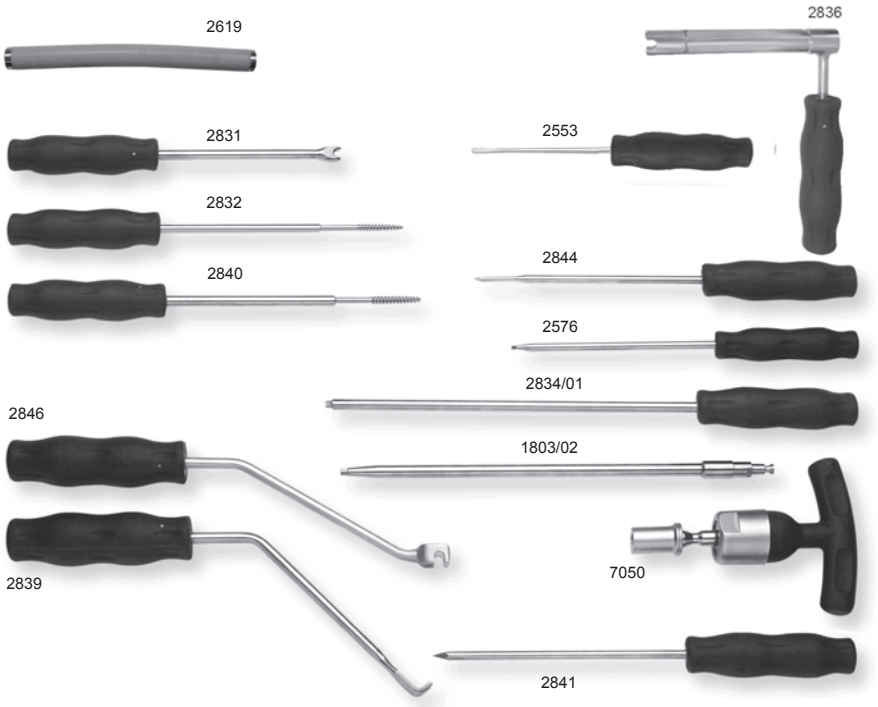
REF.	mm
4820/01	40
/02	50
/03	60
/04	70
/05	80
/06	90
/07	100
/08	110
/09	120
/10	130
/11	140
/12	150
/13	160
/14	170
/15	180
/16	190
/17	200
/18	210
/19	220
/20	240
/21	230
/22	300
/23	270
/25	30
/26	260
/27	280
/28	320
/29	340
/30	350
/31	420
/32	440
/33	380
/34	400
/35	500
/36	360
/37	450
/38	600



	MONOAXIAL *Monoaxial*				POLIAXIAL *Poliaxial*				ESPONDILOLISTESE *Espondilolistese*		
	4809 Ø4,5mm	**4810** Ø5,5mm	**4811** Ø6,5mm	**4812** Ø7,5mm	**4955** Ø 4,5mm	**4867** Ø5,5mm	**4868** Ø6,5mm	**4864** Ø7,5mm	**4955** Ø4,5mm	**4834** Ø5,5mm	**4836** Ø6,5mm
/01	35	35	35	35	30	35	35	30	*	35	35
/02	40	40	40	40	35	40	40	35	*	40	40
/03	45	45	45	45	40	45	45	40	*	45	45
/04	50	50	50	50	45	50	50	45	*	50	50
/05	30	30	30	30	20	30	30	50	*	30	30
/06	20	25	*	*	25	55	*	55	*	*	55
/07	25	*	*	*	*	60	*	60	30	*	60
/08	*	*	*	*	*	*	*	65	35	*	*
/09	*	*	*	*	*	*	*	70	40	*	*
/10	*	*	*	*	*	*	*	75	45	*	*
/11	*	*	*	*	*	*	*	80	20	*	*
/12	*	*	*	*	*	*	*	*	25	*	*

INSTRUMENTAL DE COLUNA EVOLUTION PLUS
Evolution Plus Spinal Instruments

ORTOSINTESE

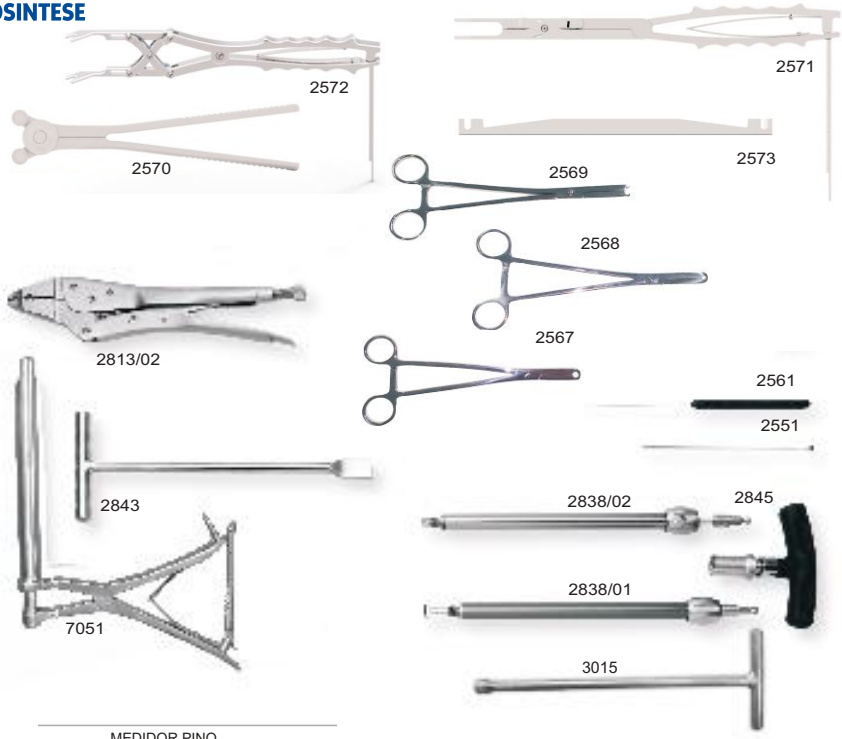


1803/02	CHAVE SEXTAVADA PARA TORQUÍMETRO 13 N *Hexagonal Wrench for Dynamometer*
2836	CHAVE CONTRA TORQUE *Counter Torque Wrench*
2839	CHAVE REDUTORA *Ruducing Wrench*
2840	FRESA MACHO DE Ø 6,5 mm *Tap Reamer*
2841	PERFURADOR PONTA QUADRADA *Perfurator With Squared Extremity*
2553	MEDIDOR *Gauge*
2844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

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

BARRA MALEÁVEL
Malleable Bar

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



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

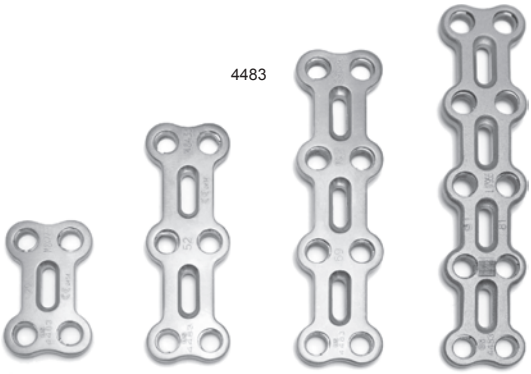
2838/01	CHAVE P/ PARAFUSO MONOAXIAL *Monoaxial Screw Wrench*
2838/02	CHAVE P/ PARAFUSO POLIAXIAL *Poliaxial Screw Wrench*
2843	CHAVE DE RUPTURA ESCONDILO *Rupture Wrench*
2845	CABO EM "T" COM ENGATE RÁPIDO *"T" Cable With Quick Coupling*
3015	CHAVE CACHIMBO 8,0 mm *"T" Wrench*
7051	PERSUADER *Persuader*

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

4483





PARAFUSO Ø 4mm
Self Lock Screw

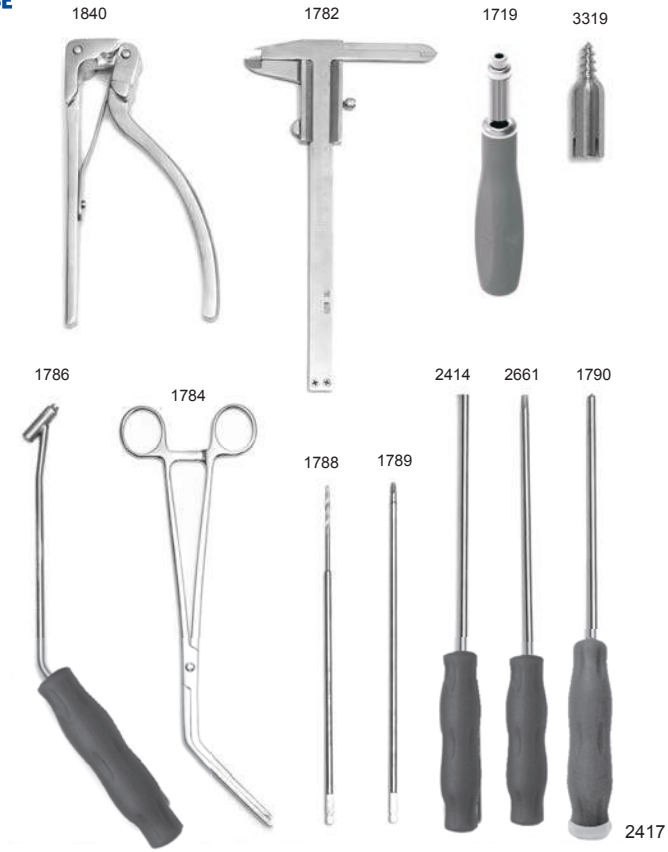
REF.	COMPR. mm Length
4484/01	14
/02	16
/03	18
/04	20
/05	22
/06	12



PARAFUSO Ø 4,5mm
Self Lock Screw

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

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

ORTOSINTESE

4901/02 4901/03



4851 4853 4852



4820



4849 4848 4803



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

4847 4813



PARAFUSO DE BLOQUEIO PARA GANCHO PEDICULAR
Locking Screw For Pedicular Hook

REF.	mm
4803/01	20
/03	30

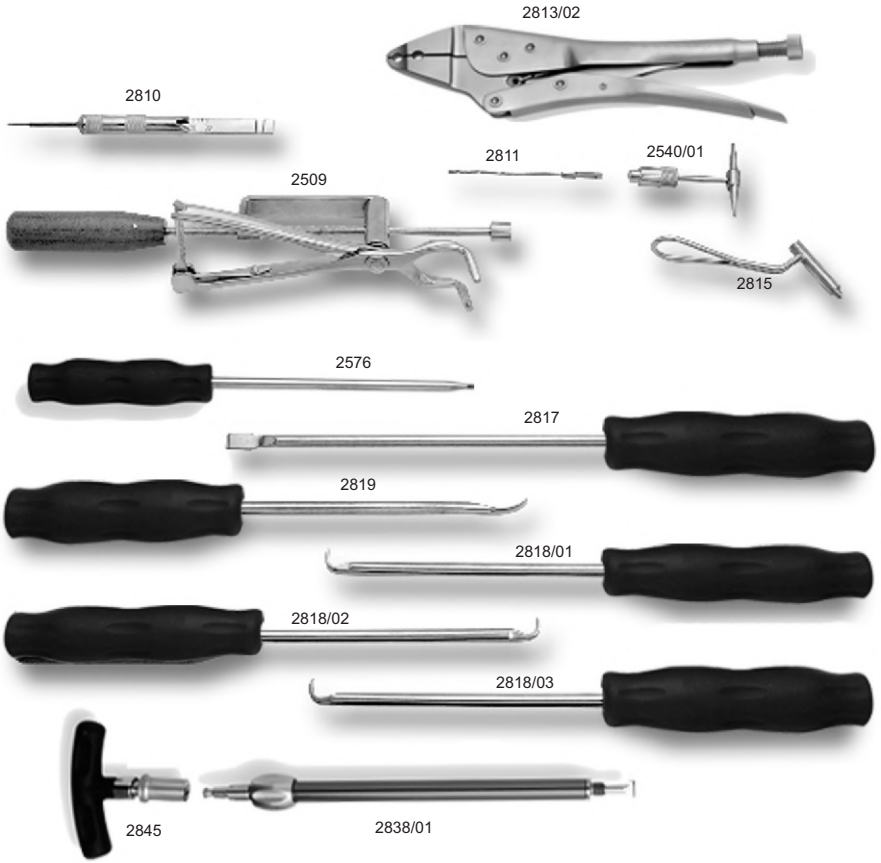
4813	CONTRA PARAFUSO PEDICULAR *Pedicular Counter Screw*
4847	GANCHO PEDICULAR *Pedicular Hook*
4848	GANCHO LAMINAR PEQUENO *Small Laminar Hook*
4849	GANCHO LAMINAR MÉDIO *Medium Laminar Hook*
4851	GANCHO LAMINAR DIREITO *Right Laminar Hook*
4852	GANCHO LAMINAR ESQUERDO *Left Laminar Hook*
4853	GANCHO 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*

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

ORTOSINTESE

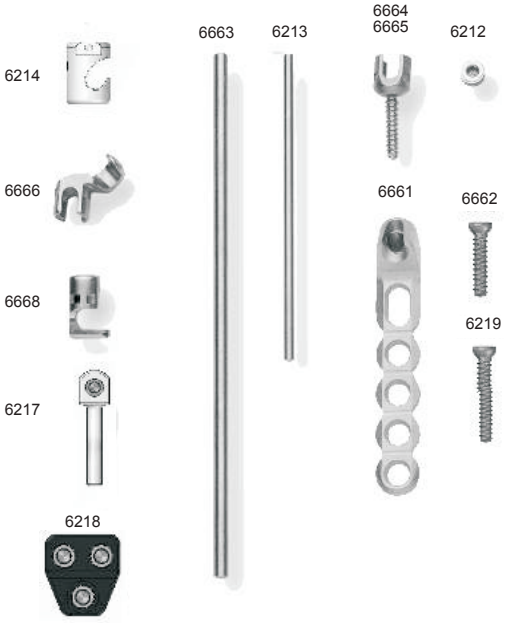
INSTRUMENTAL DE GANCHO EVOLUTION PLUS PARA ESCOLIOSE
Evolution Scoliosis Hook Instruments



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

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

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



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

PARAFUSO Ø 3,5
Screw

REF.	Compr.mm *Lenght*
6662/01	6
/02	8
/03	10
/04	12
/05	14
/06	16

PARAFUSO Ø 4,0
Screw

REF.	Compr.mm *Lenght*
6219/01	6
/02	8
/03	10
/04	12
/05	14
/06	16

HASTE Ø 3,5 mm
Rod

REF.	Compr.mm *Lenght*
6663/01	80
/02	120
/03	240

PARAFUSO POLIAXIAL Ø3,5 mm
Poliaxial Screw

REF.	Compr. mm *Lenght*
6664/01	10
/02	12
/03	14
/04	16
/05	18
/06	20
/07	22
/08	24

HASTE Ø 2,5 mm
Rod

REF.	Compr.mm *Lenght*
6213/01	30
/02	40

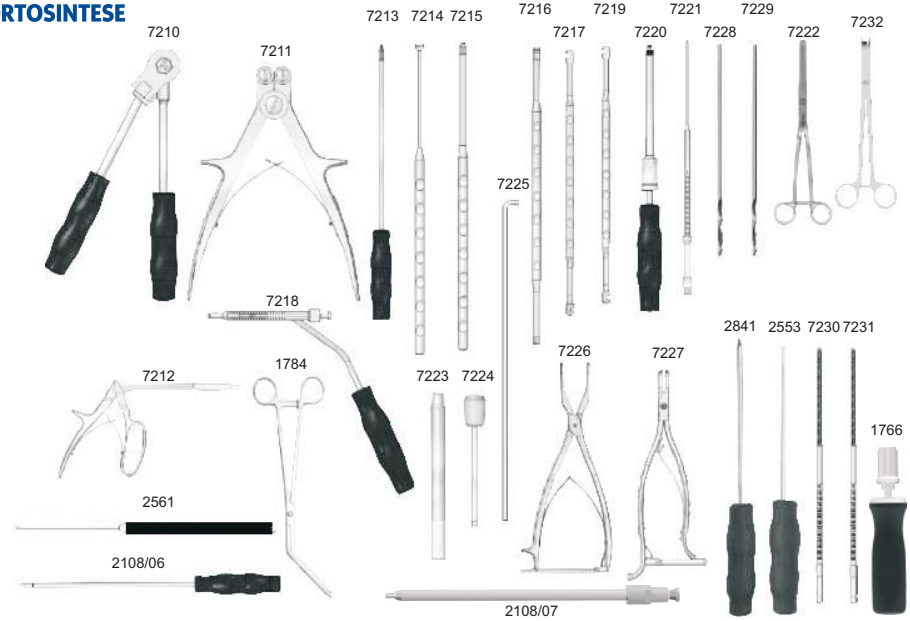
PARAFUSO POLIAXIAL Ø 4 mm
Poliaxial Screw

REF.	Compr. mm *Lenght*
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
Curved Hook

REF.	Lado *Side*
6666/01	Direito | Right
/02	Esquerdo | Left

INSTRUMENTAL OCCIPITO CERVICAL
Cervical Occipito Instruments



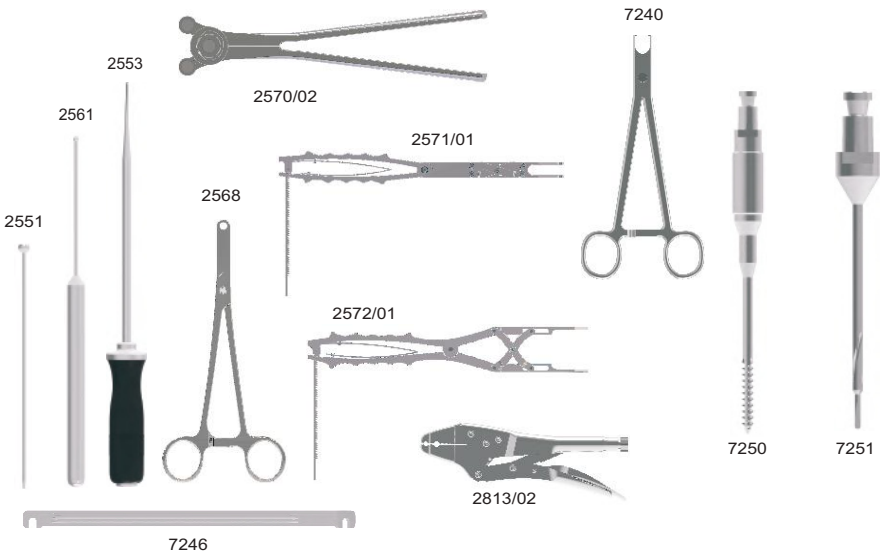
2553	MEDIDOR *Gauge*
1784	PINÇA PORTA PLACA *Plate Holder*
2108/06	CHAVE COM SEXTAVADO EXTERNO Ø 2,5 *Left Hexagonal Screndriver*
2108/07	CHAVE COM SEXTAVADO E ENGATE Ø 2,5 *Hexagonal Screwdriver And Hitch*
2561	INSTRUMENTAL SISTEMA INFINITY DE COLUNA EVOLUTION *Probe*
2841	PERFURADOR PONTA QUADRADA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

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



2831/01	GUIA REBAIXADOR DE HASTE *Rod Reduction Guide*
2839	CHAVE REDUTORA *Ruducing Wrench*
2841	PERFURADOR PONTA QUADRADA *Perfurator With Squared Extremity*
2845	CABO EM "T" COM ENGATE RÁPIDO *"T" Cable With Quick Coupling*
7241/01	MEDIDOR DE PROFUNDIDADE *Depth Gauge*
7242/01	POSICIONADOR DE TORQUE *Torque Positioner*
7243	PERSUADER PARAFUSO POLIAXIAL *Persuader Poliaxial Screw*
7050	MEDIDOR TORQUÍMETRO *Dynamometer Gauge*
7245	TREFINA PARA ENXERTO ÓSSEO *Trefina For Bone Disease*
7244	PERSUADER P/ PARAFUSO DE ESPONDIOLISTESE *Persuader*

7247	CHAVE HEXALOBULAR T30 *Hexalobular Key T30*
7247/01	CHAVE HEXALOBULAR T20 *Hexalobular Key T20*
7248	CHAVE POSICIONADORA HEXALOBULAR T30 *Hexalobular Positioning Key T30*
7249/01	CHAVE P/ PARAFUSO POLIAXIAL DELTA *Key For Poliaxial Delta Screw*
7249/02	CHAVE P/ PARAFUSO PEDICULAR DELTA *Key For Pedicular Delta Screw*



2551	MEDIDOR PINO *Ball Tip Feeler*
2561	GUIA APALPADOR *Feller Guide*
2553	MEDIDOR *Gauge*
2568	PINÇA PARA HASTE Ø 4,0 mm *Rod Clamp*
2570/02	MODELADOR *Bending*
2571/01	PINÇA DE COMPRESSORA *Compressing Clamp*
2572/01	PINÇA DISTRATORA *Distractor Clamp*
7240	PINÇA *Grippliers*
2813/02	PINÇA DE PRESSÃO *Pressure Clamp*
7245	TREFINA *Trefina For Bone Disease*

7246/01	MODELADOR DE PLACA DIREITO *Right Plate Modeler*
7246/02	MODELADOR DE PLACA ESQUERDO *Right Plate Modeler*

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

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

	PARAFUSO POLIAXIAL DELTA *Delta Poliaxial Screw*				PARAFUSO PEDICULAR DELTA *Delta Pedicular Screw*			
	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 *Against Delta Screw*
5089	GANCHO TRANSVERSO DELTA *Delta Transverse Hook*
5090/01	CONECTOR LATERAL DELTA 16 *Side Connector Delta 16*
5090/02	CONECTOR LATERAL DELTA 26 *Side Connector Delta 26*
5090/03	CONECTOR LATERAL DELTA 36 *Side Connector Delta 36*


5088


5089


5090

HASTE Ø 5,8mm
Rod

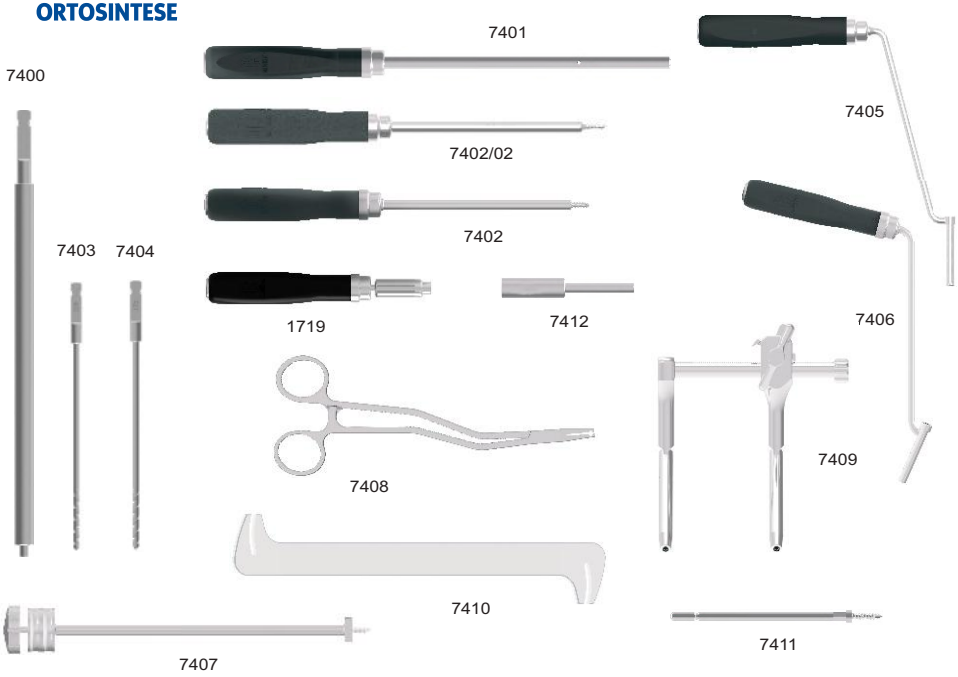
REF.	mm
5091/01	30
/02	40
/03	50
/04	60
/05	70
/06	80
/07	90
/08	100
/09	110
/10	120
/11	130
/12	140
/13	150
/14	160
/15	170
/16	180


5091

BARRA CHATA
Flat Bars

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


5092



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

7411	PINO CERVICAL TEMPORÁRIO *Temporary Cervical Pin*
1719	CABO COM ENGATE RÁPIDO *Cable With Quick Coupling*

CANULA LIMITADORA DE BROCA
Drill Limiting Cane

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

ORTOSINTESE

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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





PARAFUSO Ø 4mm
Self Lock Screw

REF.	COMPR. mm Length
4940/01	12
/02	14
/03	16
/04	18
/05	20
/06	22

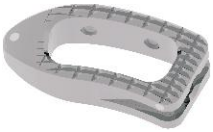


PARAFUSO Ø 4,5mm
Self Lock Screw

REF.	COMPR. mm Length
4941/01	12
/02	14
/03	16
/04	18
/05	20

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



6616

Peek
ASTM F2026



7968/01



7971/01



7966/01



7969/01



7967/01



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*
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



7975/01

7972/01



7973/01



7973/02





7974

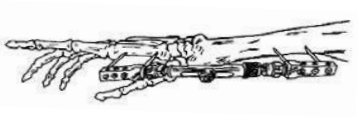
6617	CAGE CERVICAL *Cage Cervical*
7972/01	BATEDOR *Beater*
7973/01	CHAVE PARA CAGE M3 *Key For Cage M3*
7973/02	CHAVE PARA CAGE M2 *Key For Cage M2*
7975/01	MESA DE ENXERTO *Frying Table*

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

3406





3173

3407

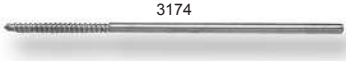


3397



Inox
Stainless Steel
ISO 5832-1
ASTM F.139

3174



3398



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

3406	FIXADOR EXTERNO PARA ANTEBRAÇO E PUNHO *External Fixator for Wrist and Forearm*
3407	FIXADOR EXTERNO PARA DEDO *External Fixator for Fingers*

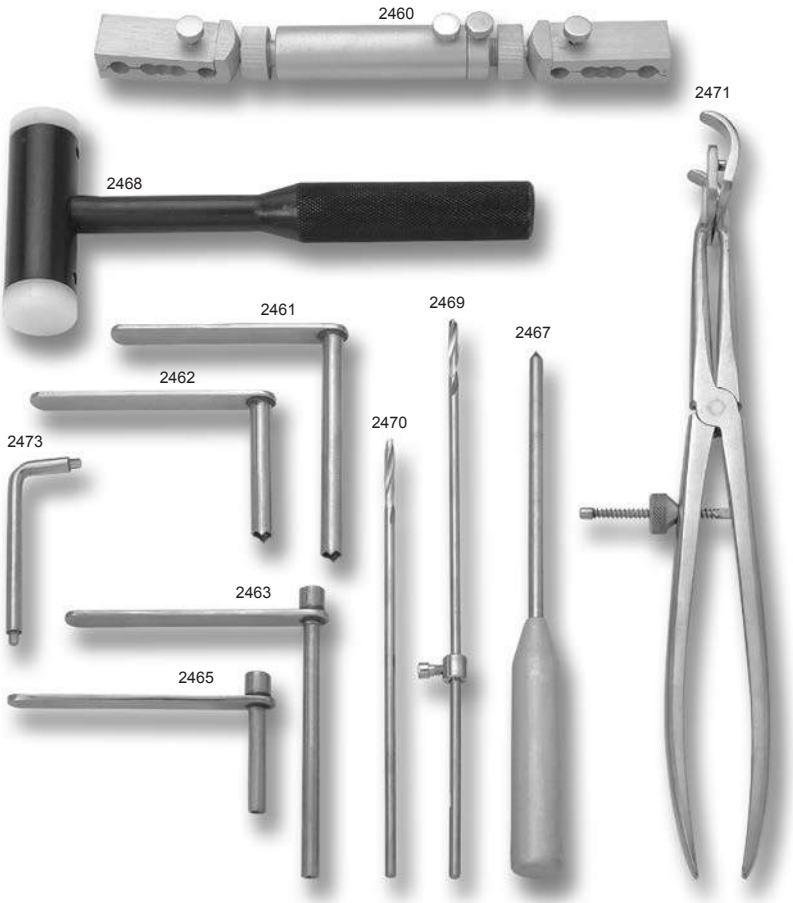
ORTOSINTESE



Inox
Stainless Steel
ISO 5832-1
ASTM F.139

3423/01	FIXADOR SINTEFIX PEQUENO *Small Sintefix Fixator*
3423/02	FIXADOR SINTEFIX MÉDIO *Medium Sintefix Fixator*
3423/03	FIXADOR SINTEFIX GRANDE *Large Sintefix Fixator*
3424	CHAVE EM "L" HEXAGONAL *Hexagonal "L" Wrench*
3425/01	ALONGFIX GRANDE *Large Alongfix Fixator*
3425/02	ALONGFIX PEQUENO *Small Alongfix Fixator*

3433/01	FIXADOR SINTEFIX COM CABEÇA EM T. PEQUENO *Small T Head Sintefix Fixator*
3433/02	FIXADOR SINTEFIX COM CABEÇA EM T. MEDIO *Medium T Head Sintefix Fixator*
3433/03	FIXADOR SINTEFIXCOM CABEÇA EM T. GRANDE *Large T Head Sintefix Fixator*
3434/01	FIXADOR ANGULAR PEQUENO *Small Angular Fixator*
3434/02	FIXADOR ANGULAR MÉDIO *Medium Angular Fixator*
3434/03	FIXADOR ANGULAR GRANDE *Large Angular Fixator*
4746	PINO SCHANZ 6 x 180 *Schanz Pin 6 x 180*



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

BROCA COM STOP
Drill With Stop

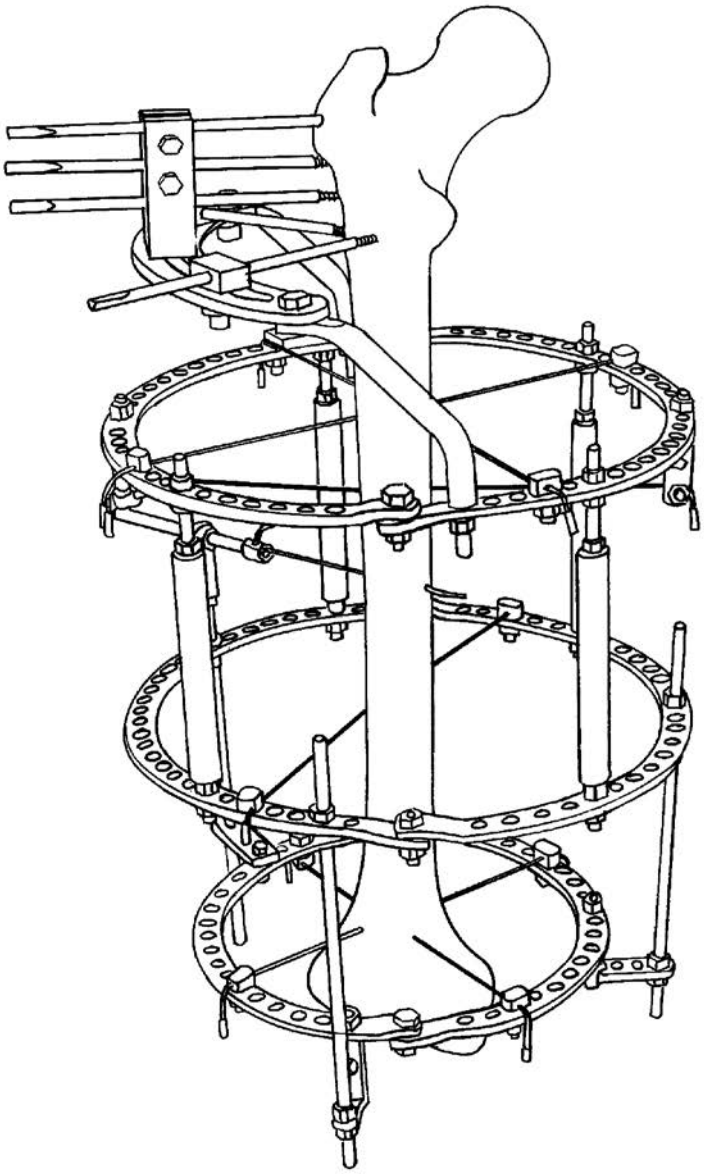
REF.	Ø	COMPR. Length
2469/01	4,5	180
/02	4,5	240
/03	3,2	200

BROCA SEM STOP
Drill Without Stop

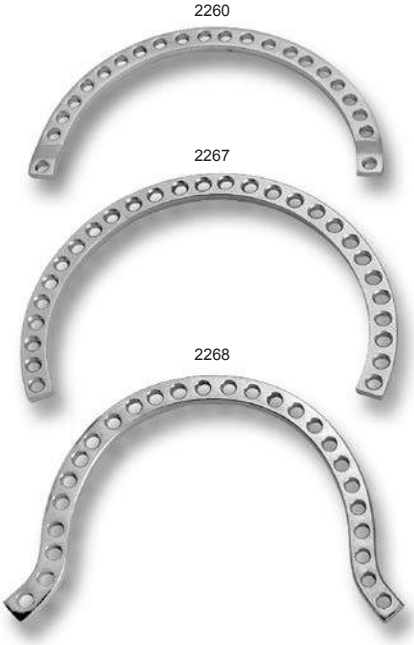
REF.	Ø	COMPR. Length
2470/01	4,5	180
/02	4,5	240
/03	3,2	200

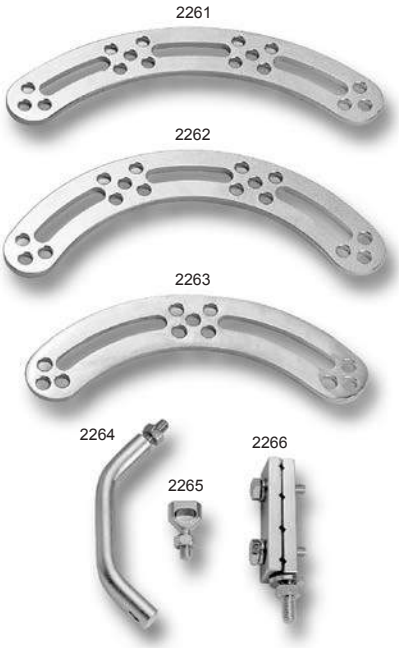
GUIA DE BROCA
Drill Guide

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



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





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

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

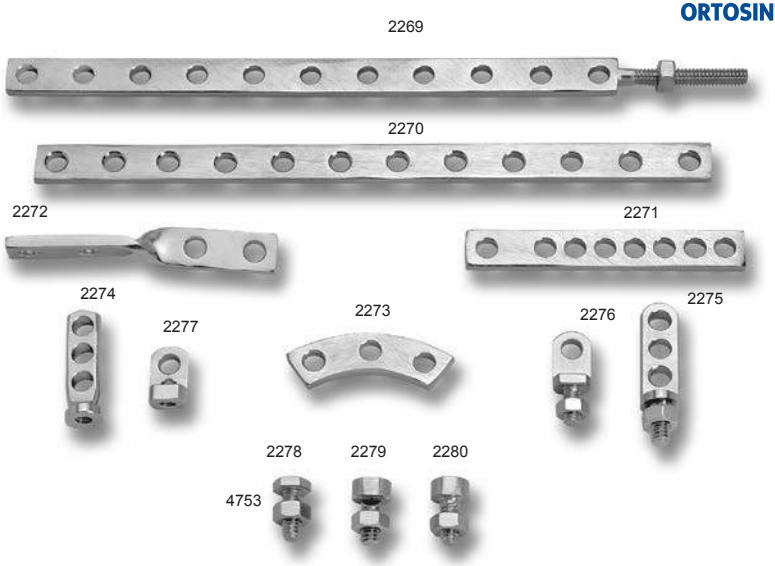
REF.	Ø INTERNO Internal
2268/01	120
/02	130
/03	150

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 Alongation Model "Ilizarov"

ORTOSINTESE



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

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
Connection Plate

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

2283

2282



Inox
Stainless Steel
ISO 5832-1
ASTM F.138

2281



2325



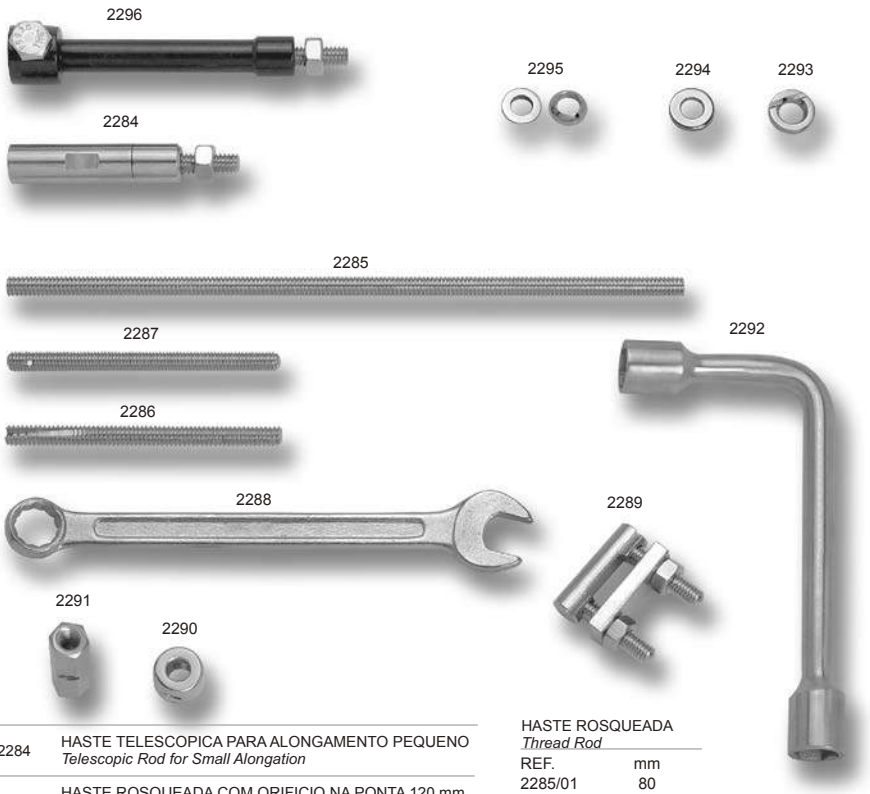
2281	DINAMÔMETRO *Dynamometer*
2325	EXTRATOR DE FIOS *Wire Extractor*

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



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

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

Inox
Stainsless Steel
ISO 5832-1
ASTM F 138



4747



4751



4755



4756



4745



2235

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

FIXADOR LAYFIX
Layfix Fixator

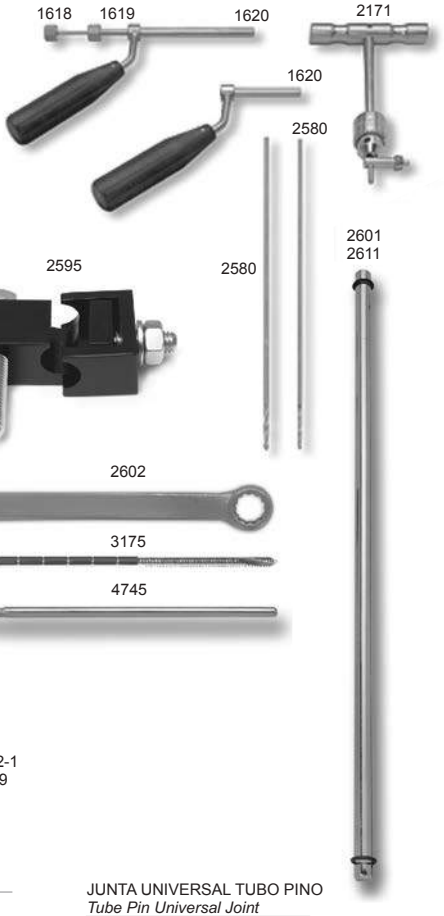
4747/01	250 mm
/02	300 mm
/03	350 mm
/04	400 mm

BARRA LISA Ø 8 mm em alumínio
Smooth Rod in aluminium

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

ORTOSINTESE

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



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

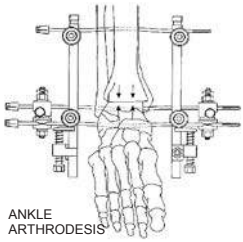
2171	CHAVE "T" *"T" Wrench*
2595/01	CONECTOR PARA ALONGADOR DO TUBO Ø 10 mm *Conector For Tube Extender*
2595/02	CONECTOR PARA ALONGADOR DO TUBO Ø 11 mm *Conector For Tube Extender*
2602	CHAVE COMBINADA 10 X 10 mm *Combined Wrench*
3175/03	PINO DE SCHANZ Ø 5 x 150mm *Schanz Pin*
4745/01	PINO DE SCHANZ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

JUNTA UNIVERSAL TUBO PINO
Tube Pin Universal Joint

REF.	Ø
2599/01	10mm
/02	11mm

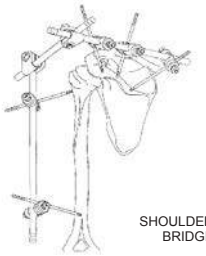
JUNTA UNIVERSAL TUBO TUBO
Tube Tube Universal Joint

REF.	Ø
2600/01	10mm
/02	11mm



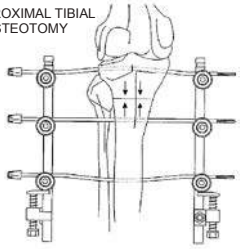
ANKLE
ARTHRODESIS

KNEE ARTHRODESIS

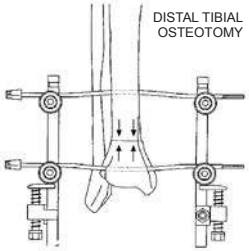


SHOULDER
BRIDGE

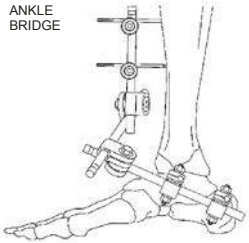
PROXIMAL TIBIAL
OSTEOTOMY



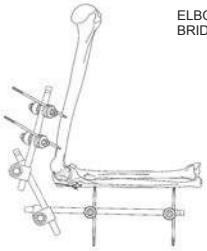
DISTAL TIBIAL
OSTEOTOMY

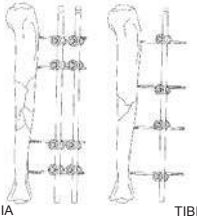


ANKLE
BRIDGE



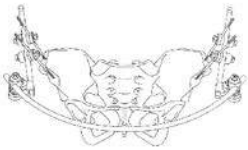
ELBOW
BRIDGE



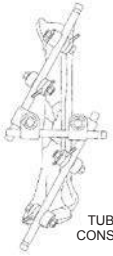


TIBIA
DOUBLE-TUBE
CONSTRUCTION

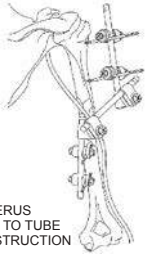
TIBIA
SINGLE-TUBE
CONSTRUCTION



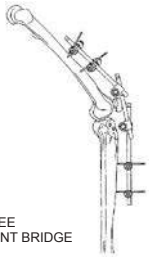
PELVIS
OPEN BOOK INJURY. FRAME WITH
CURVED, CARBON FIBRE ROD.



TIBIA
TUBE TO TUBE
CONSTRUCTION



HUMERUS
TUBE TO TUBE
CONSTRUCTION



KNEE
JOINT BRIDGE

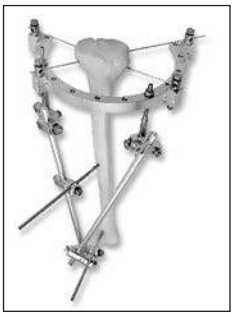


FEMUR
TUBE TO TUBE
CONSTRUCTION

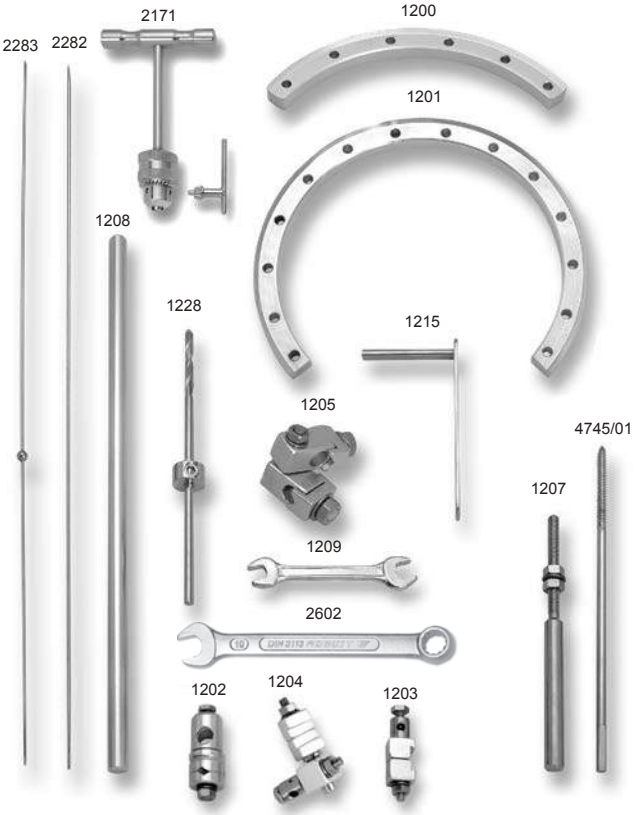
FIXADOR EXTERNO CIRCULAR PARA REDUÇÃO E ALONGAMENTO

Circular External Fixator for Fracture Reduction and Lengthening

ORTOSINTESE







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