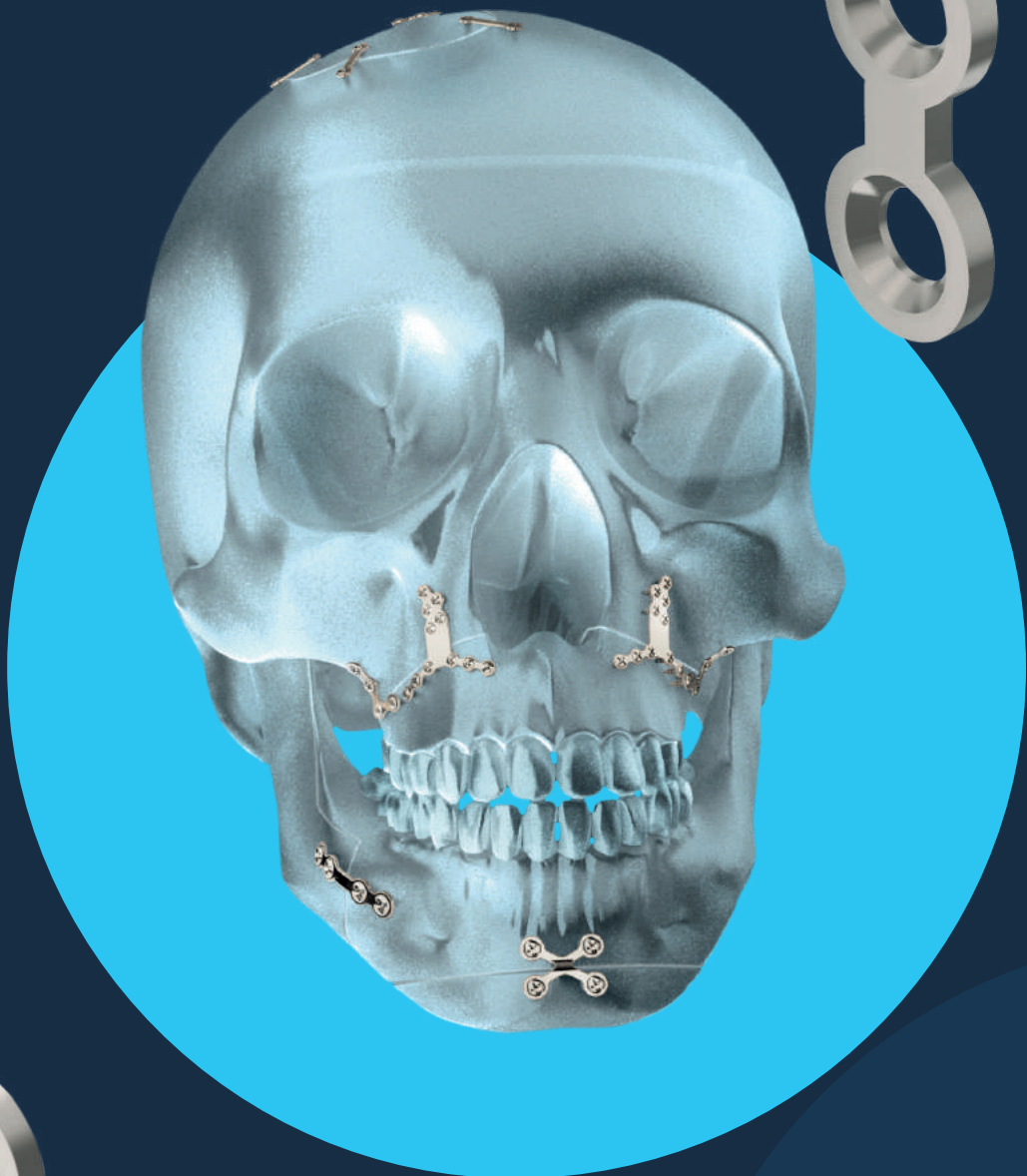


CATÁLOGO

Maxilo Facial

Sistema 1.5mm | Sistema 2.0mm | Sistema 2.4mm | Sistema 2.7mm



signoortho®

Indicação

Indication | Indicación

SISTEMA PARA OSTEOSÍNTESE SIGNO ORTHO®

SIGNO ORTHO® OSTEOSYNTHESIS SYSTEM | SISTEMA SIGNO ORTHO® PARA OSTEOSÍNTESE

O **Sistema para Osteossíntese Signo Ortho®** é composto por **Placas, Parafusos e Acessórios implantáveis** a longo prazo e de uso único, destinado a região craniofacial. Incluem módulos de placas e parafusos nos subsistemas **1.5mm, 2.0mm, 2.4mm e 2.7mm**.

The Signo Ortho® System for Osteosynthesis is composed of plates, screws and accessories for long-term and single-use implantation in the craniofacial region. Include plate modules and screws in the subsystems 1.5mm, 2.0mm, 2.4mm and 2.7mm.

El sistema Signo Ortho® para osteosíntesis se está compuesto por placas, tornillos y accesorios de implantación a largo plazo y de un solo uso, concebidos para la región craneofacial. Incluyen módulos de placas y tornillos en los subsistemas 1.5mm, 2.0mm, 2.4mm y 2.7mm.



Sistema
1.5mm



Sistema
2.0mm



Sistema
2.4mm



Sistema
2.7mm



Implantes Sistema 1.5mm



1.5mm System | Sistema 1.5mm

- Placas com espessuras de 0.6mm e 1.0mm.
- Parafusos com diâmetros Ø 1.5mm e Ø 1.8mm (parafusos de emergência).
- Destinados a estabilização e fixação de ossos da face em regiões com pequenas quantidades de tecidos moles e baixa incidência de carga mecânica.

- Plates with thicknesses of 0.6mm and 1.0mm.
- Screws with diameters Ø 1.5mm and Ø 1.8mm (emergency screws).
- Intended for stabilization and fixation of facial bones in regions with small amounts of soft tissue and low incidence of mechanical load.

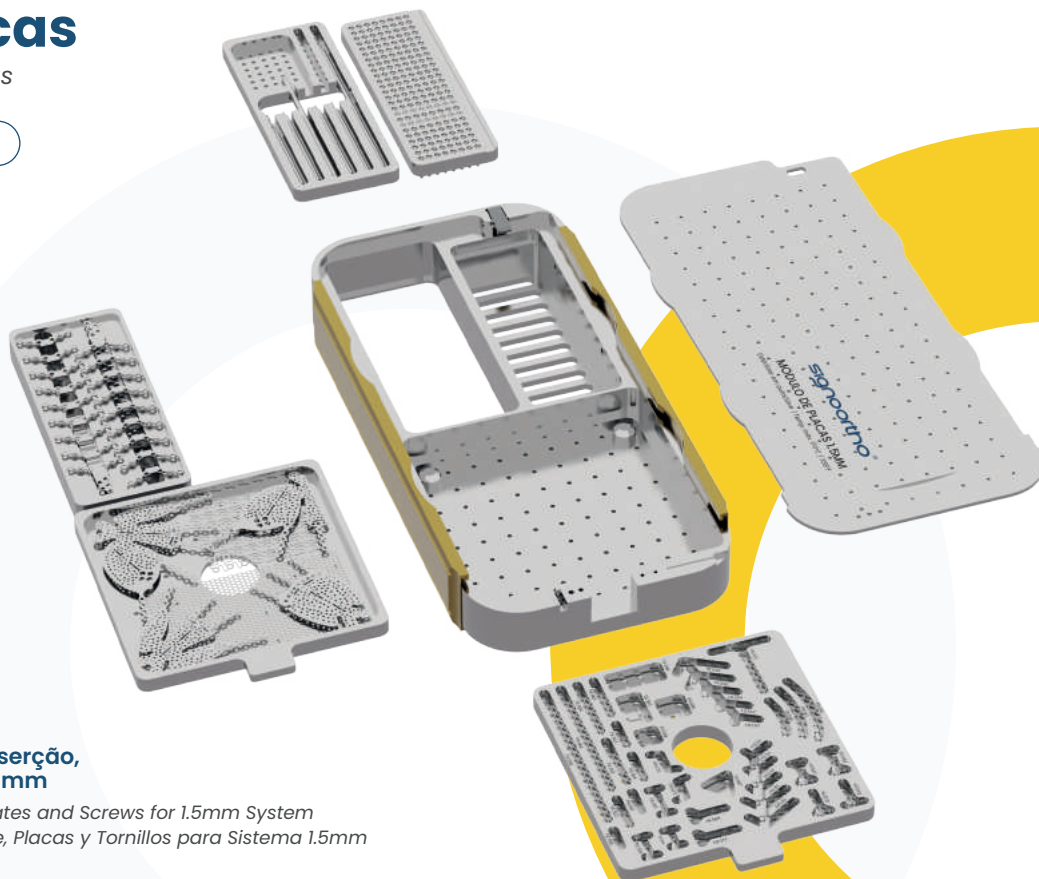
- Placas con espesores de 0.6mm y 1.0mm.
- Tornillos con diámetros Ø 1.5mm y Ø 1.8mm (tornillos de emergencia).
- Destinado a la estabilización y fijación de huesos faciales en regiones con pequeñas cantidades de tejido blando y baja incidencia de carga mecánica.

Módulo de Placas

Plates Modules | Módulo de Placas

SISTEMA 1.5
1.5 SYSTEM | SISTEMA 1.5

19.511



Brocas com e sem stop, Haste de Inserção, Placas e Parafusos para Sistema 1.5mm

Standard and stop drills, Driver's screws, Plates and Screws for 1.5mm System
Fresas normales y con stop, Puntas de llave, Placas y Tornillos para Sistema 1.5mm

Parafusos

Screw | Tornillo



EMERGÊNCIA
EMERGENCY | EMERGENCIA



autorosqueante
self tapping
auto rosqueante



autoperfurante
self drilling
auto de perforación

PARAFUSOS 1.5 SCREW 1.5 | TORNILLO 1.5

	✓ AUTO PERFORANTE	✓ AUTO ROSQUEANTE	EMERGÊNCIA 1.8
4.0	16.192	16.601	
5.0	16.115	16.602	16.130
6.0	16.193	16.603	
7.0	16.116	16.604	16.131
9.0	16.117	16.605	16.132
11.0		16.606	16.133
13.0		16.607	16.134
15.0		16.608	
17.0			
19.0			

Placas Sistema 1.5mm (escala 1:1)



Perfil 0.6mm | Perfil 1.0mm

1.5mm System (1:1 scale) | Sistema 1.5mm (escala 1:1)

0.6mm | 19.550 19.551

0.6mm | 19.552 19.553
1.0mm | 19.102 19.101

0.6mm | 19.554 19.555
1.0mm | 19.104 19.103

1.0mm | 19.106 19.105

0.6mm | 19.556 19.557

0.6mm | 19.558 19.559

0.6mm | 19.584

0.6mm | 19.585

0.6mm | 19.586

0.6mm | 19.560

0.6mm | 19.561

0.6mm | 19.595

0.6mm | 19.587

0.6mm | 19.588

0.6mm | 19.574 19.573

0.6mm | 19.565
1.0mm | 19.203

0.6mm | 19.593
1.0mm | 19.204

(mm)	0.6mm	1.0mm
0.0	19.575	19.541
2.0	19.576	19.542
3.0	19.577	19.543
4.0	19.578	19.544
5.0	19.579	19.545
6.0	19.580	19.546
7.0	19.581	19.547
9.0	19.582	19.548
11.0	19.583	19.549

0.6mm | 19.592

0.6mm | 19.572

0.6mm | 19.594

0.6mm | 19.564

0.6mm | 19.598

0.6mm | 19.570

0.6mm | 19.569

0.6mm | 19.571

0.6mm | 19.567

0.6mm | 19.568

0.6mm | 19.589

0.6mm | 19.590

0.6mm | 19.591

0.3mm | 19.604

0.3mm | 19.602

0.3mm | 19.601

0.3mm | 19.603

Implantes Sistema 2.0mm



2.0mm System | Sistema 2.0mm

- Placas com espessuras de 0.6mm e 1.0mm.
- Parafusos com diâmetros Ø 2.0mm e Ø 2.3mm (parafusos de emergência).
- Destinados a estabilização e fixação de ossos da face em regiões com pequenas quantidades de tecidos moles e que demandem maior resistência mecânica.

- Plates with thicknesses of 0.6mm and 1.0mm.
- Screws with diameters Ø 2.0mm and Ø 2.3mm (emergency screws).
- Intended for stabilization and fixation of facial bones in regions with small amounts of soft tissue and that demand greater mechanical resistance.

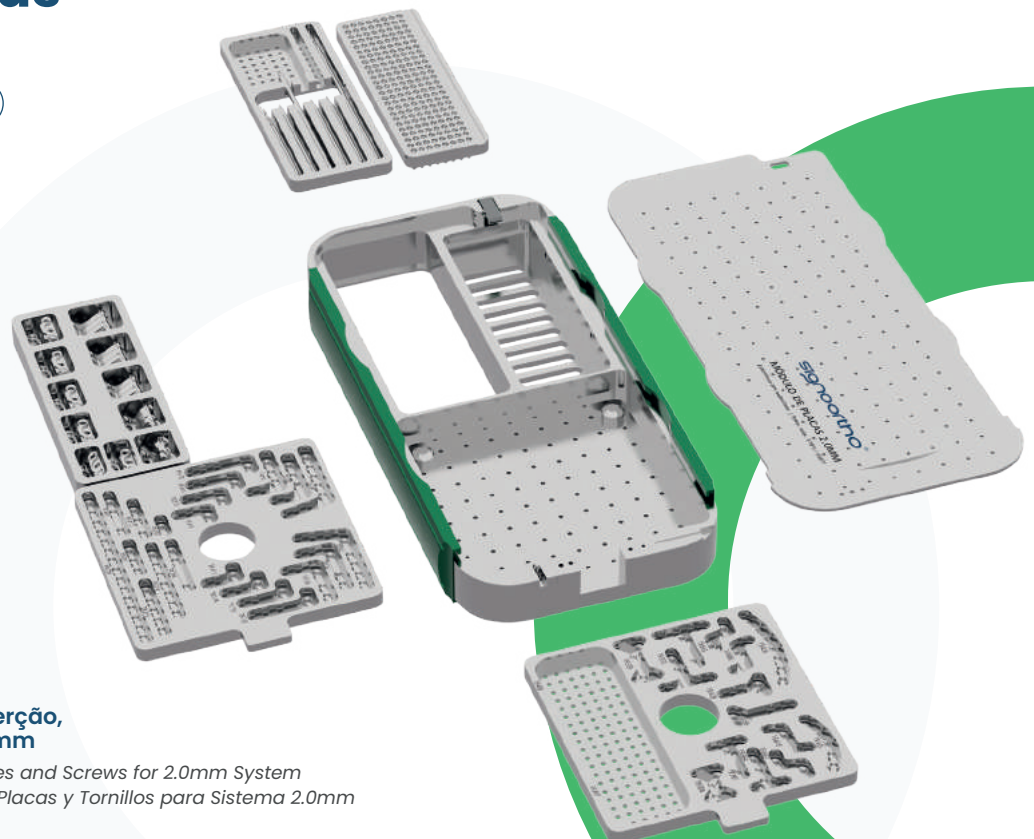
- Placas con espesores de 0.6mm y 1.0mm.
- Tornillos con diámetros Ø 2.0mm y Ø 2.3mm (tornillos de emergencia).
- Destinado a la estabilización y fijación de huesos faciales en regiones con pequeñas cantidades de tejido blando y que requieren una mayor resistencia mecánica.

Módulo de Placas

Plates Modules | Módulo de Placas

SISTEMA 2.0
2.0 SYSTEM | SISTEMA 2.0

19.521



Brocas com e sem stop, Haste de Inserção, Placas e Parafusos para Sistema 2.0mm

Standard and stop drills, Driver's screws, Plates and Screws for 2.0mm System
Fresas normales y con stop, Puntas de llave, Placas y Tornillos para Sistema 2.0mm

Parafusos

Screw | Tornillo



EMERGÊNCIA
EMERGENCY | EMERGENCIA



autorosqueante
self tapping
auto rosqueante

autoperfurante
self drilling
auto de perforación

locking 2.0mm
locking 2.0mm
cierre 2.0mm

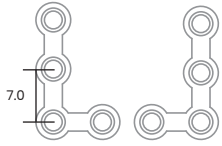
PARAFUSOS 2.0 SCREW 2.0 TORNILLO 2.0				
	✓ AUTO PERFORANTE	✓ AUTO ROSQUEANTE	EMERGÊNCIA 2.3	✓ LOCKING
4.0	16.186	16.609		
5.0	16.120	16.610	16.181	16.701
6.0	16.187	16.611		16.702
7.0	16.121	16.612	16.182	16.703
9.0	16.222	16.613	16.183	16.704
11.0		16.614	16.184	16.705
13.0		16.615	16.185	16.706
15.0		16.616		16.707
17.0		16.617		16.708
19.0		16.618		16.709
PARAFUSO DE INSERÇÃO INSERTION SCREW TORNILLO DE INSERCIÓN				
2.0	16.197			

Placas Sistema 2.0mm (escala 1:1)

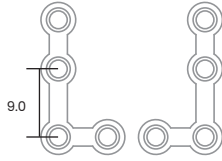


Perfil 0.6mm | Perfil 1.0mm

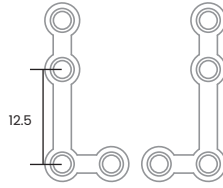
2.0mm System (1:1 scale) | Sistema 2.0mm (escala 1:1)



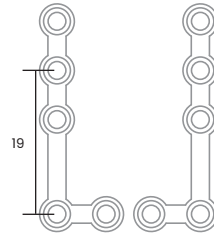
0.6mm | 19.609 19.615
1.0mm | 19.112 19.111



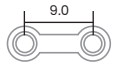
0.6mm | 19.610 19.616
1.0mm | 19.114 19.113



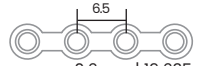
0.6mm | 19.611 19.617
1.0mm | 19.116 19.115



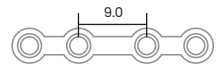
0.6mm | 19.612 19.618
1.0mm | 19.132 19.131



0.6mm | 19.631
1.0mm | 19.217



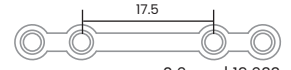
0.6mm | 19.635
1.0mm | 19.211
(locking) 2.0mm | 19.225



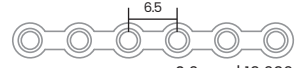
0.6mm | 19.634
1.0mm | 19.212
(locking) 2.0mm | 19.226



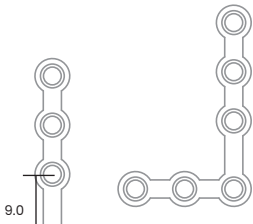
0.6mm | 19.632
1.0mm | 19.215
(locking) 2.0mm | 19.227



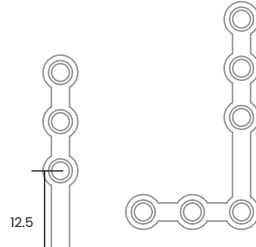
0.6mm | 19.633
1.0mm | 19.216
(locking) 2.0mm | 19.228



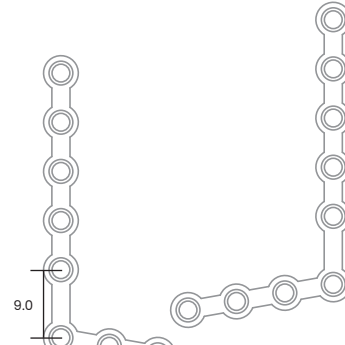
0.6mm | 19.636
1.0mm | 19.213
(locking) 2.0mm | 19.229



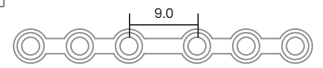
0.6mm | 19.614 19.620
1.0mm | 19.134 19.133



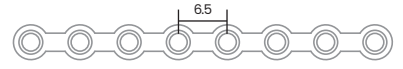
0.6mm | 19.613 19.619
1.0mm | 19.136 19.135



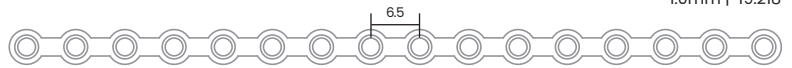
0.6mm | 19.607 19.608
1.0mm | 19.142 19.141



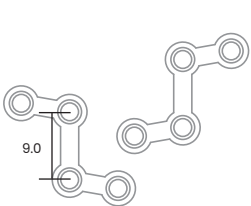
1.0mm | 19.214
(locking) 2.0mm | 19.230



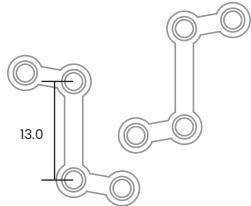
0.6mm | 19.637
1.0mm | 19.218



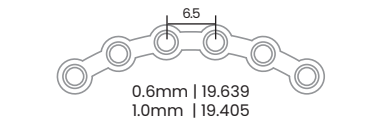
0.6mm | 19.638
1.0mm | 19.219



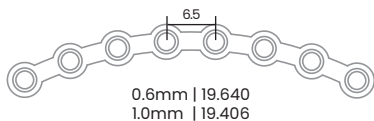
0.6mm | 19.628 19.630
1.0mm | 19.665 19.664



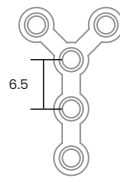
0.6mm | 19.627 19.629
1.0mm | 19.667 19.666



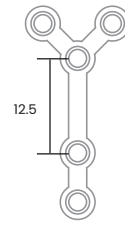
0.6mm | 19.639
1.0mm | 19.405



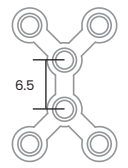
0.6mm | 19.640
1.0mm | 19.406



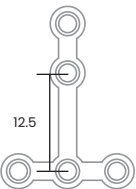
0.6mm | 19.626
1.0mm | 19.409



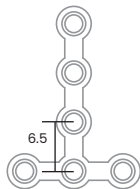
0.6mm | 19.625
1.0mm | 19.410



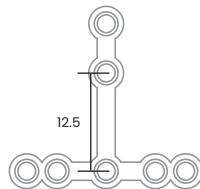
0.6mm | 19.606
1.0mm | 19.407



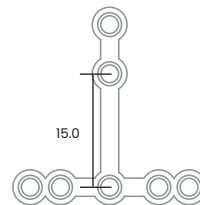
0.6mm | 19.623
1.0mm | 19.308



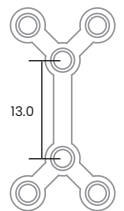
0.6mm | 19.624
1.0mm | 19.307



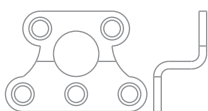
0.6mm | 19.622
1.0mm | 19.309



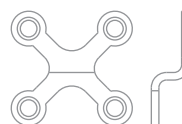
0.6mm | 19.621
1.0mm | 19.310



0.6mm | 19.605
1.0mm | 19.408



Avanço	1.0mm
3.0mm	19.653
4.0mm	19.654
5.0mm	19.655
6.0mm	19.656
7.0mm	19.657
8.0mm	19.658
9.0mm	19.659
10.0mm	19.660
11.0mm	19.661
12.0mm	19.662
14.0mm	19.663



Avanço	1.0mm
3.0mm	19.642
4.0mm	19.643
5.0mm	19.644
6.0mm	19.645
7.0mm	19.646
8.0mm	19.647
9.0mm	19.648
10.0mm	19.649
11.0mm	19.650
12.0mm	19.651
14.0mm	19.652



Broca cirúrgica
Surgical Drill
Fresa Quirúrgica

	Curta	Longa
	Short / Corto	Long / Longa
1.1x16.0mm	16.102	16.113
1.6x16.0mm	16.103	16.114

	STOP		
	4.0mm	5.0mm	7.0mm
1.1x60.0mm	16.265	16.266	16.267
1.6x60.0mm	16.270	16.271	16.272



16.111 | Haste de inserção parafuso de enxerto longa
Insertion stem of graft screw - long
Varilla de inserción de tornillo de injerto - longa



15.531 | Alicate liso
Flat pliers
Alicates planos



15.533 | Alicate de dobra 1.5mm
Bending pliers 1.5mm
Alicates dobladores 1.5mm



15.534 | Alicate de dobra 2.0mm
Bending pliers 2.0mm
Alicates dobladores 2.0mm



15.532 | Alicate articulado de corte
Articulated cutting pliers
Alicates de corte articulados



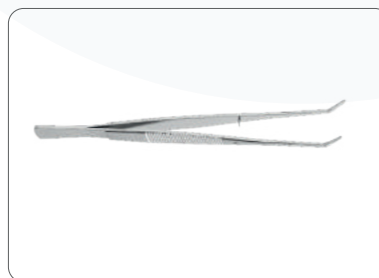
15.506 | Haste de retenção de placas
Plate retainer stem
Varilla de retención de la placa



16.301 | Chave manual compacta para maxilofacial
Compact manual maxillofacial driver
Llave manual compacta para maxilofacial



15.509 | Trocater cirurgico maxilofacial
Surgical trocater for maxillofacial
Trocater quirúrgico para maxilofacial



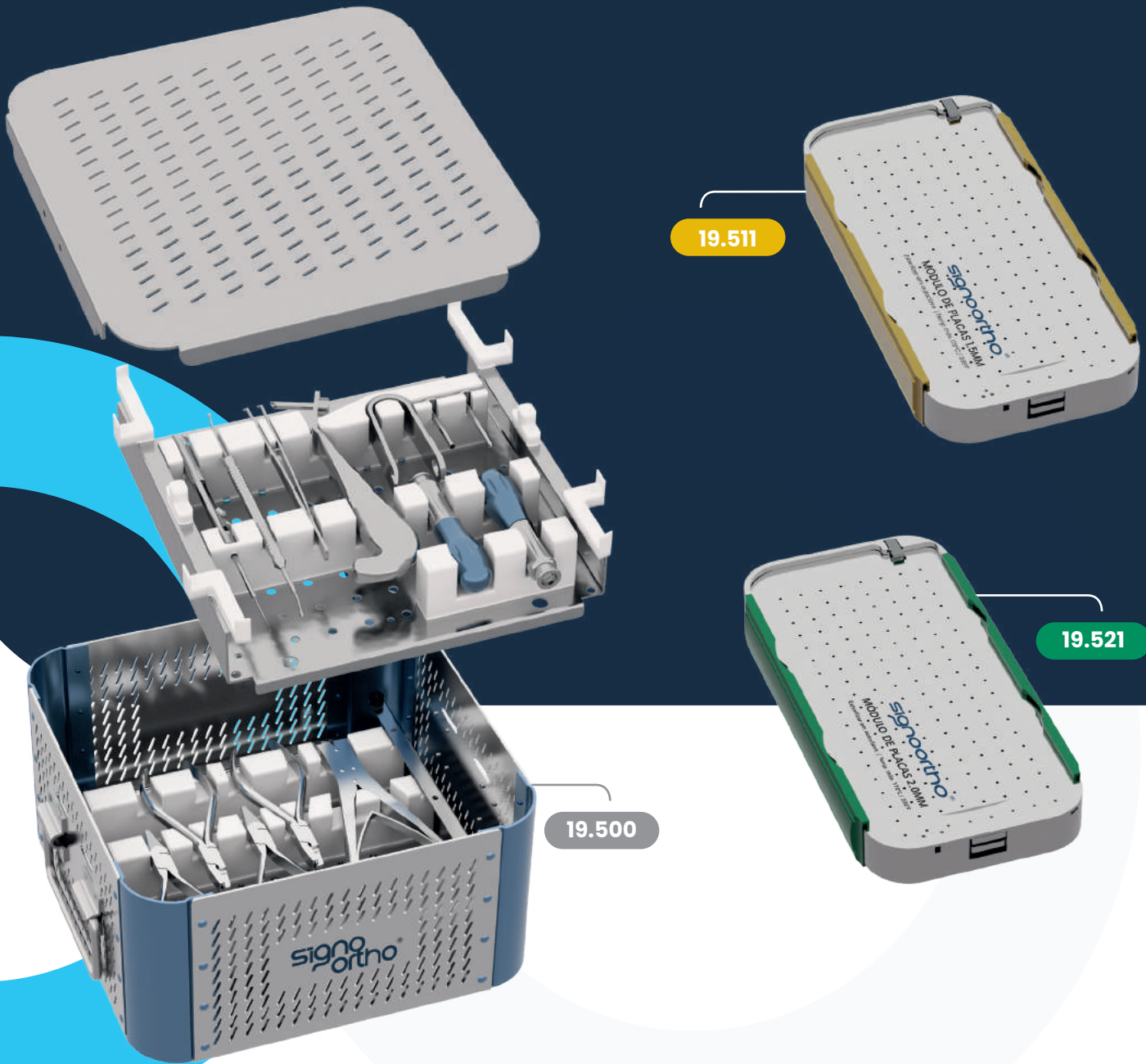
15.535 | Pinça universal curva
Curved universal forceps
Pinza curva universal



15.537 | Medidor de profundidade
Depth gauge
Medidor de profundidad

Kit Maxilo Facial

Maxillofacial Kit | Kit Maxilo Facial



- 19.500** Kit Maxilo Facial
- 19.530** Counteiner Autoclavável 285x280x150mm
- 19.511** Módulo de placas sistema 1.5mm
- 19.521** Módulo de placas sistema 2.0mm
- 15.531** Alicates lisos
- 15.533** Alicates de dobra 1.5
- 15.534** Alicates de dobra 2.0mm
- 15.532** Alicates articulados de corte
- 15.506** Haste de retenção de placas
- 16.301** Chave manual compacta para maxilofacial
- 15.509** Trocater cirúrgico maxilofacial
- 15.535** Pinça universal curva
- 15.537** Medidor de profundidade
- 26.058** Bandeja para instrumental inferior
- 26.059** Bandeja para instrumental superior

- Maxillofacial Kit*
- Autoclavable Container 285x280x150mm*
- Plate module 1.5mm system*
- Plate module 2.0mm system*
- Flat pliers*
- Bending pliers 1.5mm*
- Bending pliers 2.0mm*
- Articulated cutting pliers*
- Plate retainer stem*
- Compact manual maxillofacial driver*
- Surgical trocater for maxillofacial*
- Curved universal forceps*
- Depth gauge*
- Lower instrument tray*
- Upper instrument tray*

- Kit Maxilo Facial*
- Contenedor Autoclavable 285x280x150mm*
- Módulo de placa del sistema 1,5mm*
- Módulo de placa del sistema 2.0mm*
- Alicates planos*
- Alicates dobladores 1.5mm*
- Alicates dobladores 2.0mm*
- Alicates de corte articulados*
- Varilla de retención de la placa*
- Llave manual compacta para maxilofacial*
- Trocater quirúrgico para maxilofacial*
- Pinza curva universal*
- Medidor de profundidad*
- Bandeja de instrumentos abajo*
- Bandeja de instrumentos más alto*

Implantes Sistema 2.4mm



2.4mm System | Sistema 2.4mm

- Placas com espessuras de 1.5mm e 2.5mm.
- Parafusos com diâmetro Ø 2.4mm, locking e standard.
- Destinados a estabilização e fixação de ossos da face em regiões com maiores quantidades de tecidos moles e alta incidência de carga mecânica.

- Plates with thicknesses of 1.5mm and 2.5mm.
- Screws with diameter Ø 2.4mm, locking and standard.
- Intended for stabilization and fixation of facial bones in regions with larger amounts of soft tissue and high incidence of mechanical load.

- Placas con espesores de 1.5mm y 2.5mm.
- Tornillos con diámetro Ø 2.4mm, locking y standard.
- Destinado a la estabilización y fijación de los huesos faciales en regiones con mayor cantidad de tejidos blandos y alta incidencia de carga mecánica.

Módulo de Reconstrução

Reconstruction Module | Módulo de Reconstrucción

SISTEMA 2.4
2.4 SYSTEM | SISTEMA 2.4

19.510



Brocas com e sem stop, Hastes de Inserção, Templates, Placas e Parafusos para Sistema 2.4mm

Standard and stop Drills, Driver's Screws, Templates, Plates and Screws for 2.4mm System
Fresas normales y con stop, Puntas de llave, Plantillas, Placas y Tornillos para Sistema 2.4mm

Parafusos

Screw | Tornillo



autorosqueante
self tapping
auto rosqueante



locking 2.4mm
locking 2.4mm
cierre 2.4mm

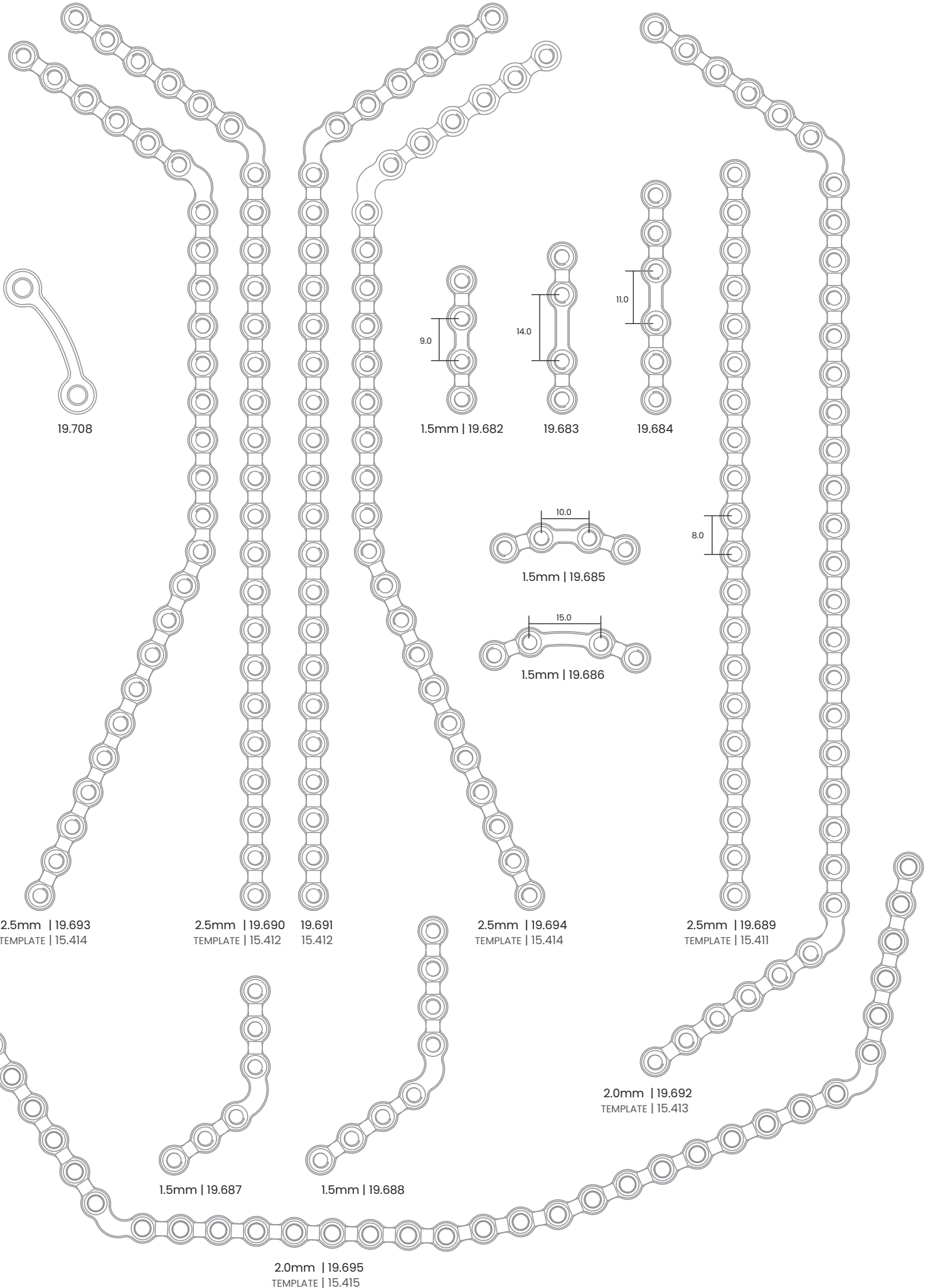
PARAFUSOS 2.4 SCREW 2.4 | TORNILLO 2.4

	AUTO ROSQUEANTE	LOCKING
7.0	16.621	16.712
9.0	16.622	16.713
11.0	16.623	16.714
13.0	16.624	16.715
15.0	16.625	16.716
17.0	16.626	16.717
19.0	16.627	16.718
PARAFUSO DE INSERÇÃO INSERTION SCREW TORNILLO DE INSERCIÓN		
2.4	16.198	

Placas Sistema 2.4mm (escala 1:1)



2.4mm System (1:1 scale) | Sistema 2.4mm (escala 1:1)



Implantes Sistema 2.7mm



2.7mm System | Sistema 2.7mm

- Placas com espessura de 3.0mm.
- Parafusos com diâmetro Ø 2.7mm, locking e standard.
- Destinados a estabilização e fixação da mandíbula, grandes perdas ósseas e alta incidência de carga mecânica.

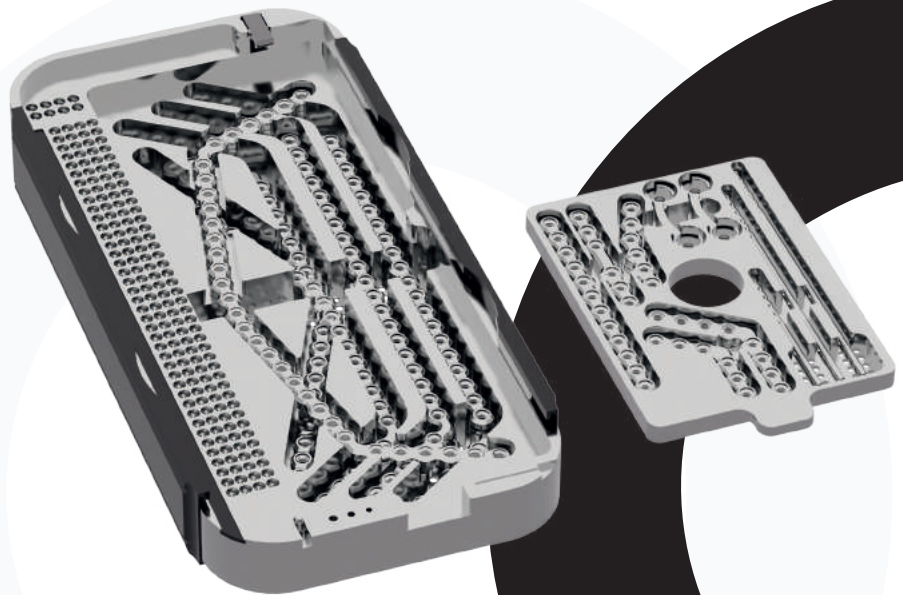
- Plates with thicknesses of 3.0mm.
- Screws with diameter Ø 2.7mm, locking and standard
- Intended for stabilization and fixation of the mandible, large bone loss and high incidence of mechanical load.

- Placas con espesores de 3.0mm.
- Tornillos con diámetro Ø 2.7mm, locking y standard.
- Destinado a la estabilización y fijación de la mandíbula, grandes pérdidas óseas y alta incidencia de carga mecánica.

Módulo de Reconstrução

Reconstruction Module | Módulo de Reconstrucción

SISTEMA 2.7
2.7 SYSTEM | SISTEMA 2.7 **19.520**



Brocas, Hastes de Inserção, Templates, Placas e Parafusos para Sistema 2.7mm

Drills, Driver's Screws, Templates, Plates and Screws for 2.7mm System
Fresas normales y con stop, Puntas de llave, Plantillas, Placas y Tornillos para Sistema 2.7mm

Parafusos

Screw | Tornillo



autorosqueante
self tapping
auto rosqueante



locking 2.7mm
locking 2.7mm
cierre 2.7mm

PARAFUSOS 2.7 SCREW 2.7 | TORNILLO 2.7

	AUTO ROSQUEANTE	LOCKING
7.0	16.632	16.733
9.0	16.633	16.734
11.0	16.634	16.735
13.0	16.635	16.736
15.0	16.636	16.737
17.0	16.637	16.738
19.0	16.638	16.739
21.0	16.639	16.740

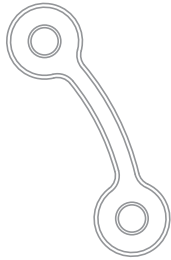
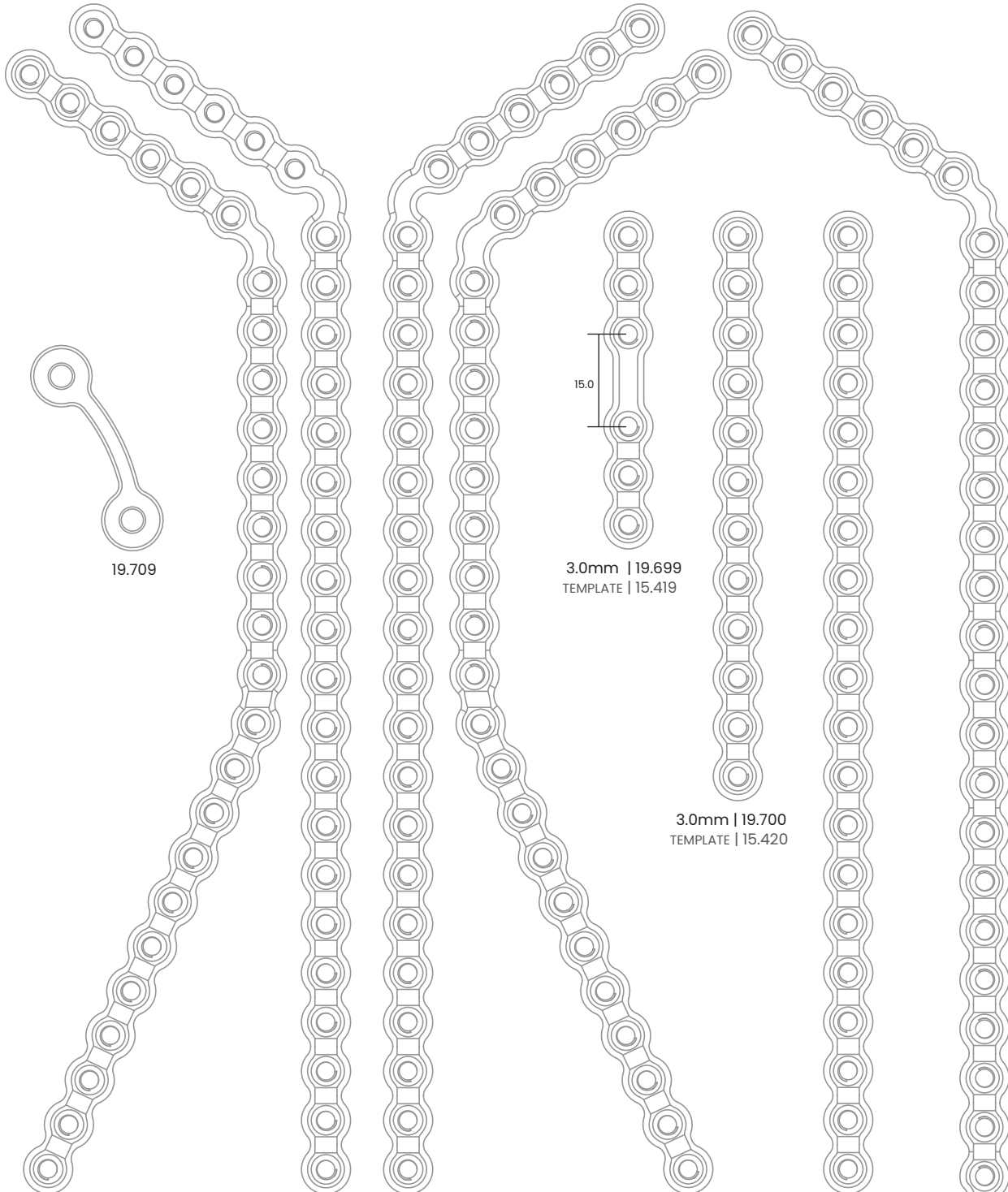
PARAFUSO DE INSERÇÃO INSERTION SCREW | TORNILLO DE INSERCIÓN

2.7	16.199
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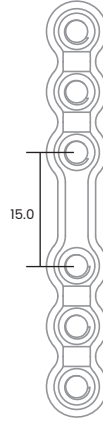
Placas Sistema 2.7mm (escala 1:1)



2.7mm System (1:1 scale) | Sistema 2.7mm (escala 1:1)



19.709



15.0

3.0mm | 19.699
TEMPLATE | 15.419



3.0mm | 19.700
TEMPLATE | 15.420

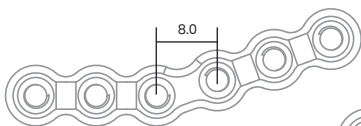
3.0mm | 19.704
TEMPLATE | 15.423

3.0mm | 19.702
TEMPLATE | 15.422

19.703
15.422

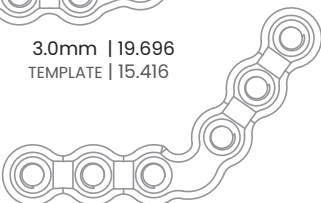
3.0mm | 19.705
TEMPLATE | 15.423

3.0mm | 19.701
TEMPLATE | 15.421



8.0

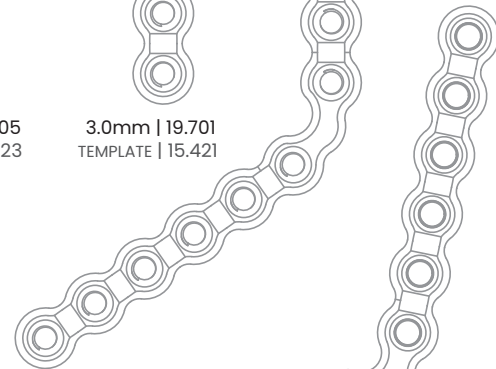
3.0mm | 19.696
TEMPLATE | 15.416



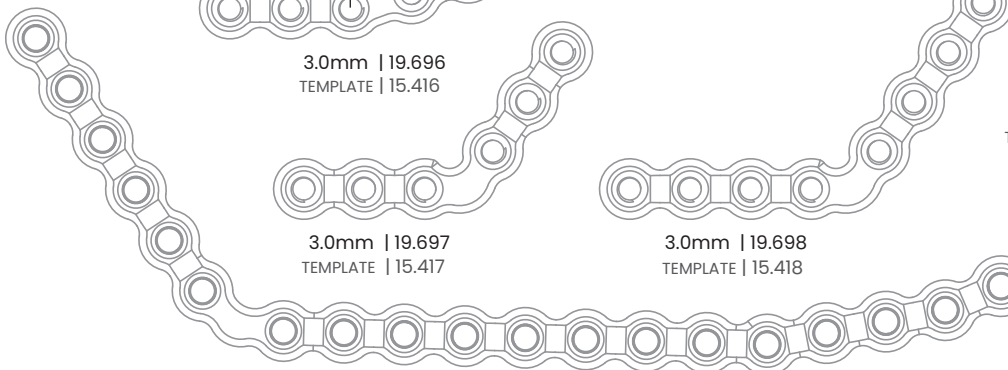
3.0mm | 19.697
TEMPLATE | 15.417



3.0mm | 19.698
TEMPLATE | 15.418



3.0mm | 19.706
TEMPLATE | 15.424



3.0mm | 19.707
TEMPLATE | 15.425



Broca cirúrgica
Surgical Drill
Fresa Quirúrgica

	60mm	104mm	115mm
1.9	16.275	16.276	16.278
2.2	16.280	16.281	16.282

STOP	104mm	115mm
1.9	16.277	16.279



15.220 | Haste inserção de parafuso 2.4/2.7mm
Screw insertion stem 2.4/2.7mm
Varilla de inserción de tornillo 2.4/2.7mm



15.541 | Guia de broca 52mm sem rosca
Drill guide 52mm without thread
Guía de broca 55mm sin rosca



15.539 | Guia de broca 55mm com rosca
Drill guide 55mm with thread
Guía de broca 55mm con rosca



15.540 | Guia de broca 15mm com rosca
Drill guide 15mm with thread
Guía de broca 15mm con rosca



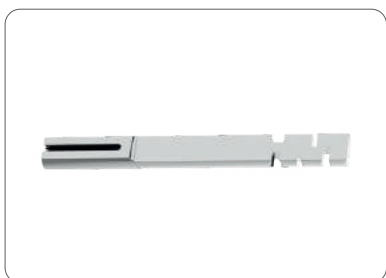
15.543 | Guia de broca dupla
Double drill guide
Guía de broca doble



15.546 | Pinça auto centrante
Self-centering forceps
Pinzas autocentrantes



15.549 | Alicates de corte articulado pesado
Articulated cutting pliers heavy
Alicates de corte articulados pesados



15.538 | Dobrador de placas - direito
Plate bending - right
Doblador de placas - derecha



15.553 | Dobrador de placas - esquerda
Plate bending - left
Doblador de placas - izquierda



16.301 | Chave manual compacta p/ maxilofacial
Compact manual maxillofacial driver
Llave manual compacta p/ maxilofacial



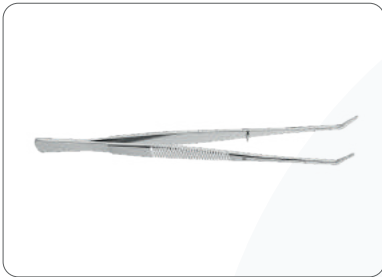
15.509 | Trocater cirurgico maxilofacial
Surgical trocater for maxillofacial
Trocater quirúrgico para maxilofacial



15.537 | Medidor de profundidade
Depth gauge
Medidor de profundidad



15.550 | Dobrador de placas p/ sistema 2.4 e 2.7mm
Plate folder for 2.4 and 2.7mm system
Doblador de placas para sistema 2.4 y 2.7mm



15.535 | Pinça universal curva
Curved universal forceps
Pinza universal curvada



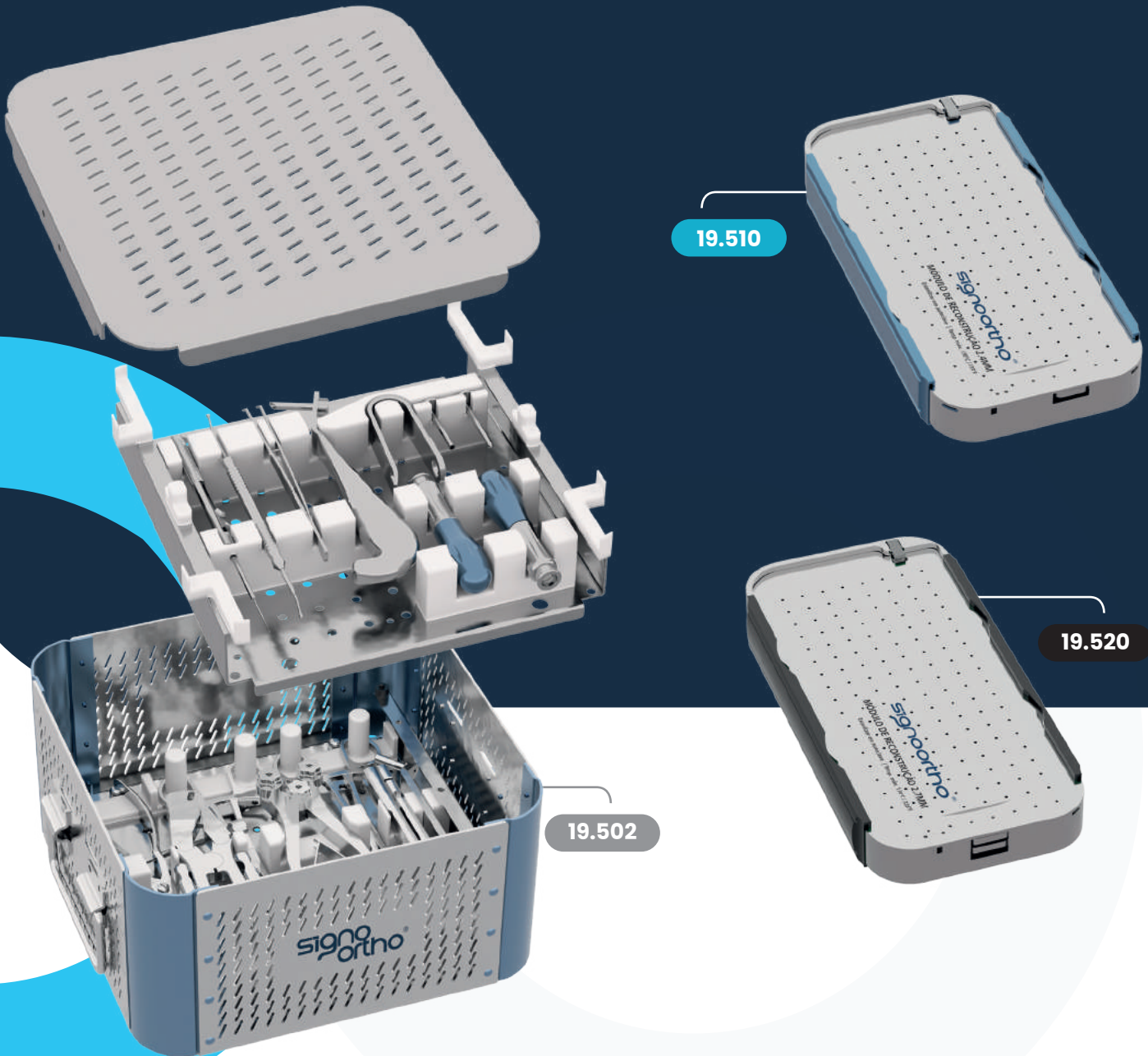
15.544 | Pinça de fixação óssea - direita
Bone fixation forceps - right
Pinza de fijación ósea - derecha



15.545 | Pinça de fixação óssea - esquerda
Bone fixation forceps - left
Pinza de fijación ósea - izquierda

Kit de Reconstrução

Reconstruction Kit | Kit de Reconstrucción



- 19.502** Kit de Reconstrução
- 19.530** Counteiner Autoclavável 285x280x150mm
- 19.510** Módulo de reconstrução 2.4mm
- 19.520** Módulo de reconstrução 2.7mm
- 16.301** Chave manual compacta para maxilofacial
- 15.543** Guia de broca duplo
- 15.509** Trocater cirurgico maxilofacial
- 15.537** Medidor de profundidade
- 15.550** Dobrador de placas para sistema 2.4 e 2.7mm
- 15.535** Pinça universal curva
- 15.544** Pinça de fixação ossea direita
- 15.545** Pinça de fixação ossea esquerda
- 15.546** Pinça auto centrante
- 15.549** Alicate de corte articulado pesado
- 15.538** Dobrador de placas direito
- 15.553** Dobrador de placas esquerdo
- 26.059** Bandeja para instrumental inferior
- 26.097** Bandeja para instrumental superior

- Reconstruction Kit*
- Autoclavable Container 285x280x150mm*
- Reconstruction Module 2.4mm*
- Reconstruction Module 2.7mm*
- Compact manual maxillofacial driver*
- Double drill guide*
- Surgical trocater for maxillofacial*
- Depth gauge*
- Plate folder for 2.4 and 2.7 system*
- Curved universal forceps*
- Bone fixation forceps - right*
- Bone fixation forceps - left*
- Self-centering forceps*
- Articulated cutting pliers heavy*
- Plate bending - right*
- Plate bending - left*
- Upper instrument tray*

- Kit de reconstrucción*
- Contenedor Autoclavable 285x280x150mm*
- Módulo de reconstrucción 2,4 mm*
- Módulo de reconstrucción 2,7 mm*
- Llave manual compacta para maxilofacial*
- Guía de broca doble*
- Trocater quirúrgico para maxilofacial*
- Medidor de profundidad*
- Doblador de placas para sistema 2.4 y 2.7mm*
- Pinza universal curvada*
- Pinza de fijación ósea - derecha*
- Pinza de fijación ósea - izquierda*
- Pinzas autocentrantes*
- Alicates de corte articulados pesados*
- Dobrador de placas - derecha*
- Dobrador de placas - izquierda*
- Bandeja de instrumentos abajo*
- Bandeja de instrumentos más alto*

Credibilidade & Performance

A Signo Ortho é uma **indústria 100% brasileira**, com foco na **excelência e tecnologia**, atuando no desenvolvimento, produção, e comercialização de implantes ortopédicos. Investe significativamente em equipes de engenharia, cientistas e especialistas clínicos para impulsionar **inovação e aprimorar constantemente** sua linha de produtos.

CERTIFICAÇÕES

CERTIFICATIONS/CERTIFICACIONES

RDC 665/2022

Boas Práticas de Fabricação
de Produtos para a Saúde

EN ISO 13485:2016

Medical Devices
Quality Management Systems

Requirements for
Regulatory Purposes

Bsi. ANVISA RDC 665/2022

bsi.



RDC
665/2022
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compromisso é
com a vida.





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