ADVANCED

Self-Retaining One-Step Locking Screw Driver Loads, inserts, tightens, and locks bone screws

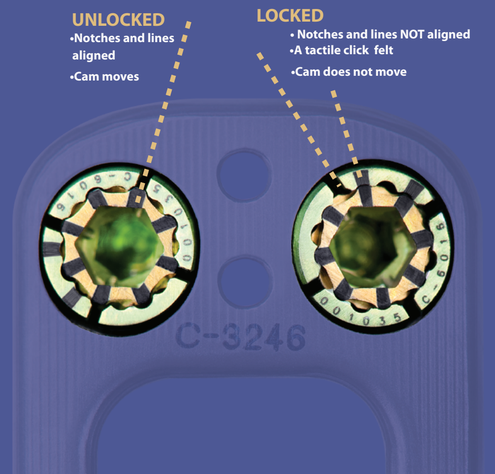
Inner Shaft has hex head to engage the bone screw. Cam-Lock outer shaft slides down to engage cam and locks bone screw with1/16 rotation to the right. Bone screws are retained into the plate by enaging the internal Cam-Lock.

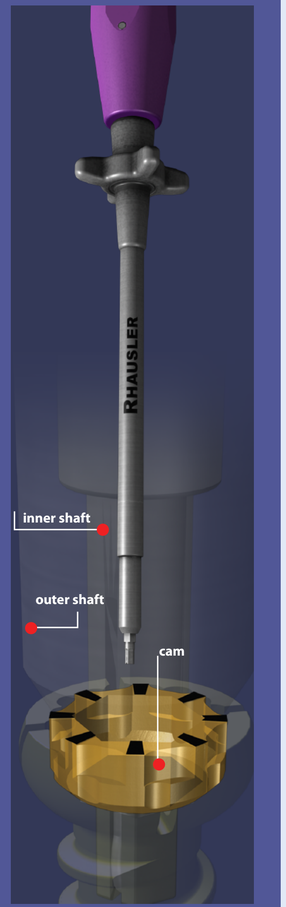
No additional hardware or instrumentation is required. The bone screw can be easily removed by engaging the same screw driver and rotating the Cam-Lock 1/16 to the left, the bone screw is now ready to be removed.

Locking Bone Screws

The Locking Bone Screws are 4.0mm in diameter and come in lengths of 10, 12, 14, 16, and 18mm, and are Self-Tapping and Self-Tapping, Self-Drilling. A 4.5x10-18mm diameter Self-Tapping bone screws are provided when an oversized bone screw is desired. There is a 3.75x10mm bone screw, when a bone graft holding screw is desired.

The bone screws may be angulated in variable directions allowing translation and rotation at the plate-screw interface, providing sound biomechanical stabilization and substantially reducing the potential for bone screw back out or breakage.





PRODUCTS

Cervical Titanium Plates

QuickPlates

ITEM#	DESCR	LEVEL	ITEM#	DESCR	LEVEL
C-3121	21 mm	1	C-3249	49 mm	2
C-3123	23 mm	1	C-3252	52 mm	2
C-3125	25 mm	1	C-3255	55 mm	2
C-3127	27 mm	1	C-3354	54 mm	3
C-3129	29 mm	1	C-3357	57 mm	3
C-3131	31 mm	1	C-3360	60 mm	3
C-3133	33 mm	1	C-3363	63 mm	3
C-3135	35 mm	1	C-3366	66 mm	3
C-3237	37 mm	2	C-3369	69 mm	3
C-3240	40 mm	2	C-3372	72 mm	3
C-3243	43 mm	2	C-3375	75 mm	3
C-3246	46 mm	2	C-3378	78 mm	3

Dynamic Plates

ITEM#	DESCR	LEVEL	ITEM#	DESCR	LEVEL
C-4121	21 mm	1	C-4363	63 mm	3
C-4123	23 mm	1	C-4366	66 mm	3
C-4125	25 mm	1	C-4369	69 mm	3
C-4127	27 mm	1	C-4372	72 mm	3
C-4129	29 mm	1	C-4375	75 mm	3
C-4131	31 mm	1	C-4378	78 mm	3
C-4133	33 mm	1	C-4469	69 mm	4
C-4135	35 mm	1	C-4473	73 mm	4
C-4237	37 mm	2	C-4477	77 mm	4
C-4240	40 mm	2	C-4481	81 mm	4
C-4243	43 mm	2	C-4485	85 mm	4
C-4246	46 mm	2	C-4489	89 mm	4
C-4249	49 mm	2	C-4493	93 mm	4
C-4252	52 mm	2	C-4497	97 mm	4
C-4255	55 mm	2	C-4501	101 mm	4
C-4354	54 mm	3	C-4505	105 mm	4
C-4357	57 mm	3	C-4509	109 mm	4
C-4360	60 mm	3			

Semiconstrained Plates

ITEM#	DESCR	LEVEL	ITEM#	DESCR	LEVEL
C-5121	21 mm	1	C-5363	63 mm	3
C-5123	23 mm	1	C-5366	66 mm	3
C-5125	25 mm	1	C-5369	69 mm	3
C-5127	27 mm	1	C-5372	72 mm	3
C-5129	29 mm	1	C-5375	75 mm	3
C-5131	31 mm	1	C-5378	78 mm	3
C-5133	33 mm	1	C-5469	69 mm	4
C-5135	35 mm	1	C-5473	73 mm	4
C-5237	37 mm	2	C-5477	77 mm	4
C-5240	40 mm	2	C-5481	81 mm	4
C-5243	43 mm	2	C-5485	85 mm	4
C-5246	46 mm	2	C-5489	89 mm	4
C-5249	49 mm	2	C-5493	93 mm	4
C-5252	52 mm	2	C-5497	97 mm	4
C-5255	55 mm	2	C-5501	101 mm	4
C-5354	54 mm	3	C-5505	105 mm	4
C-5357	57 mm	3	C-5509	109 mm	4
C-5360	60 mm	3			

LT0103 revision 092710

Bone Screws

ITEM#	DESCRIPTION	
C-6005	Rhausler	3.75 x 10 mm Ti Bone Graft Screw, Self-tapping, Dark Gold
C-6012	Rhausler	4.0 x 12 mm Ti Bone Screw, Light Blue, Self-tapping
C-6014	Rhausler	4.0 x 14 mm Ti Bone Screw, Magenta, Self-tapping
C-6016	Rhausler	4.0 x 16 mm Ti Bone Screw, Light Green, Self-tapping
C-6112	Rhausler	4.0 x 12 mm Ti Bone Screw, Dark Blue, Self-drilling, Self-tapping
C-6114	Rhausler	4.0 x 14 mm Ti Bone Screw, Pink, Self-drilling, Self-tapping
C-6116	Rhausler	4.0 x 16 mm Ti Bone Screw, Gold, Self-drilling, Self-tapping
C-6212	Rhausler	4.5 x 12 mm Ti Oversized Bone Screw, Teal
C-6214	Rhausler	4.5 x 14 mm Ti Oversized Bone Screw, Grape
C-6216	Rhausler	4.5 x 16 mm Ti Oversized Bone Screw, Sea Foam Green

Single Use Only

ITEM#	DESCRIPTION	
C-7030	Rhausler	3.0 x 12mm Drill w/ Stop, Single use only
C-7031	Rhausler	Screw Removal Tool, Single use only
C-7033	Rhausler	3.0mm Universal Twist Drill, Single use only
C-7034	Rhausler	2.0x14mm Drill w/ Stop, Single use only
C-7038	Rhausler	3.0x14mm Drill w/ Stop, Single use only
C-7039	Rhausler	2.0x12mm Drill w/ Stop, Single use only
C-7041	Rhausler	2.0x16mm Drill w/ Stop, Single use only
C-7043	Rhausler	3.0x16mm Drill w/ Stop, Single use only
C-7046	Rhausler	2.0mm Universal Twist Drill, Single use only
C-6400	Rhausler	Temporary Cervical Plate Tack, Single use only
C-6401	Rhausler	Temp. Plate Holder, Threaded, Single use only

Instruments

ITEM#	DESCRIPTION	
C-7015	Rhausler	Tack Holder
C-7025	Rhausler	Self-retaining One-step Locking Screw Driver
C-7028	Rhausler	Handle for AO Shafts
C-7035	Rhausler	Awl w/spring loaded tip
C-7036	Rhausler	Awl
C-7045	Rhausler	Caliper
C-7047	Rhausler	Dual Drill Guide, Green, 0 Deg.
C-7052	Rhausler	Single Drill Guide, Universal
C-7053	Rhausler	Universal Drill Guide Spacer Set 10, 12,14 ,16, 18, 20mm
C-7056	Rhausler	Plate Bender, w/Anvil
C-7075	Rhausler	Bone Screw Caddy
C-7089	Rhausler	Plate Caddy
C-7090	Rhausler	Sterilization Tray
C-7100	Rhausler	Drill Guide 12 Degrees,16mm Wide, f/Top of Plate, Purple
C-7101	Rhausler	Drill Guide 12 Degrees,19mm Wide, f/Bottom of Plate, Blue
C-7102	Rhausler	Drill Guide 0 Degrees,19mm Wide, f/Bottom of Plate, Orange
C-7103	Rhausler	QuickPlate Drill Guide 0 Deg,16mm Wide, f/Btm of Plate, Yellow

Rhausler Instrument Sets are Patented
Caution: US Federal law restricts this device to sale by or on the order of a physician.

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Rhausler Inc., 837 Industrial Road, Unit E, San Carlos, CA 94070

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RHAUSLER

Advanced Cervical Vertebrae Plating System

Flexibility by design

Rhausler Dynamic, Semiconstrained and QuickPlate Anterior Cervical Vertebrae Plating System

With Rhausler's Cervical Plating Set you have the options of using the Dynamic, Semiconstrained or QuickPlate Cervical Plates, and Bone Screws with all the associated instruments.

Attachable Drill Guides methods

OPTION: A

1. The drill guide is attached to the plate using the c-7025 screw driver

2. Use a twist drill

3. Then a self-tapping bone screw to attach the plate to the vertebral body

OPTION: B

1. The universal drill guide can be used for bone screw placement

2. Remove drill guide and use a self-tapping bone screw to tighten into plate

OPTION: C

1. The awl can be used to hold the drill guide in place

2. Remove Awl and use a self-drilling, self-tapping bone screw to tighten into plate

"The Rhausler Medical Cervical Plating System allows the surgeon flexibility during the anterior cervical surgery to use either a QuickPlate, Semiconstrained, or a fully Dynamic cervical fixation plate. With these cervical plate features and stabilization philosophies included in the same set, intraoperative changes can be easily made based on the surgical findings. Since this system uses the same locking bone screws with the different plate options, only a few insertion/locking tools are required. This small instrument set results in a total system that is easy for both the nursing staff and the surgeon to master." - Fred H. Geisler, M.D., Ph.D

Cervical Plate and Bone Screws

The Rhausler Cervical Plate Designs each have unique features, while utilizing the same proven bone screw locking mechanism:

The Bone Screw is retained inside the plates screw holes with one simple 1/16 turn of the CAM-Lock mechanism. The CAM-Lock keeps the shoulders of the screw retained in the reassess of the plates undercut shoulders of the screw hole. This allows the bone screw to be dynamic and axial in movement in the Dynamic Plate and Axial in movement in the Semiconstrained and QuickPlate.

-**The Dynamic Plate** – is fully dynamic in design, which allows for complete load sharing, each level can settle up to 1.5mm, providing optimal compression and fusion. The Dynamic Plate has bone graft screw holes which allow the surgeon to attach the cage or graft to the plate in single level fusions or corpectomy. The Dynamic plate has convex and concave ends to be stackable for re-do's our multilevel plating.

-The Semiconstrained Plate - is semi-dynamic in design, to allow settling of each level up to .5mm and the axial rotation of the bone screws restricts strain on the plate and screws while providing optimal conditions for fusion. The Semiconstrained Plate has bone graft screw holes which allow the surgeon to attach the cage or graft to the plate in single level fusions or corpectomy. The Semiconstrained plate has convex and concave ends to be stackable for re-do's our multilevel plating.

- **The QuickPlate** is the slimiest in design being 16mm wide on the top and bottom, the screw holes have no settling characteristic, while allowing the axial rotation of the bone screws to reduce stress on the plate during the fusion process. The QuickPlate has large graft viewing slots for the observation of the

A.
One -Level Plates
Cras quis porttitor odi
Cras quis porttitor od
Cras quis porttitor odii

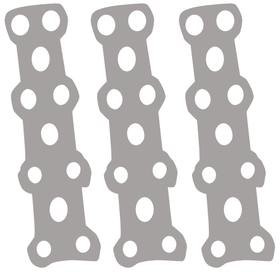
B.
Two -Level Plates
Cras quis porttitor odi
Cras quis porttitor odi
Cras quis porttitor odi

C.
Three -Level Plates
Cras quis porttitor odi
Cras quis porttitor odi
Cras quis porttitor odi

A

B

C



Color-coded Titanium Locking Bone Screws

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