ORTH () easy[®] Pins



Instrument	Description			Order no.	Content	
	OrthoEasy-Rack (without instruments and screws), for implants and instruments Ortho-Easy			1199-0000	1	
	OrthoEasy handle for screw driver, standard size			1199-0002	1	
	OrthoEasy handle for screw driver, short			1199-0003	1	
	OrthoEasy short blade 10 mm – Octagonal for screwdriver			1199-0006	1	
# FORESTADENT CE	Ortho-Easy long blade 45 mm – Octagonal for screwdriver				1199-0015	1
	Ortho-Easy blade 5 mm – Octagonal for angled hand piece				1199-0007	1
	Ortho-Easy blade 10 mm – Octagonal for angled hand piece				1199-0008	1
FORESTADENT	Ortho-Easy pilot drill 1 mm x 4 mm			1199-1040	1	
0000000000000000 (€ 0297	Ortho smooth rubber rings as protection against irritations of the soft-tissue			657-0002	1000	
	U-anchor for flush connection to the OrthoEasy head .016" x .016" L-anchor for additional slot of Quick brackets .016" x .016"		307-1016	5		
C€ 0297			.019" x .025"	307-1017	5	
			307-1018	5		
<	.019" x .025"		307-1019	5		
C€ 0297	X-ray pin for marking the insertion point at control X-ray			1099-8000	20	
	.018" x .025" (Slot .022") Memory Titanol [®] -spring				307-1012	
	for molar-uprighting		.022" (Slot .018")		307-1010	10
€ 0297	.016" x .01		uib (for additional slot of Quick brackets)		307-1009	
CE 0297	Cross-tubes, Slot .022"		760-0063	10		
	Power-Arm 18"			307-1065	10	
C€ 0297	Power-Arm 22"				307-1060	10
CE 0297	Space Jet			307-1070	2	
Laboratory-Abutment	Laboratory, Abutment		Undercut for ligation		307-1061	10
	Without undercut, just for imprint			307-1062	10	

185/01.2008 Idea and clinical photos: Dr. Björn Ludwig and Dr. Bettin

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The Complete System for Cortical Anchorage





The intelligent system of the new generation, developed for orthodontists by orthodontists





ORTH Casy®

The intelligent concept of the new generation from one source.

1. The Miniscrews



three colour coded lengths for all of your orthodontic anchorage needs.

Encoding of the length by anodising the surface. (Rosé: 6mm, Pink: 8mm, Gold: 10mm)



The design details of the OrthoEasy Pins at a glance

Feature	Advantage	
Self-cutting and self-drilling pins	Straight forward insertion	
Stable, almost blunt cone end	Makes drilling into a surrounded root of a tooth more difficult	
Pilot drilling	Only in textually compact areas necessary (e.g. anterior lower jaw)	
Shark like cuts	Easy insertion with low torsional moment, reduced bone pressure, better primary stability	
Compression step and depth stop	Better primary stability	
Middle sized thread diameter of 1.6 mm (max. 1.7 mm)	Applicable for crowded areas	
Transgingival conic screw neck (2 mm) with integrated depth stop	Corresponds to the average thickness of the gingiva and operates similar to a bottle cork, which seals the perforation area safely	
All-purpose head in well-known bracket design with double cross slot 0.022″ x 0.025″	Manifold linking potential, flush insertion of two rectangular arch wires applicable	
Octangular head	Helps to locate the slot-position from the outside providing easy orientation and insertion	
Laser marking at the blade	Control of the slot position while inserting	
Reduced vertical height of the head	High patient comfort	
Only 3 versions due to long-term clinical experience	Minimise stock levels and complexity	
Colour coded anodising of the surface	Higher primary stability and better visual differentiation of the 3 sizes	
Titanium alloy grade 5 (Ti-6 Al-4V)	Bio-compatible implant material	

2. Instruments



Several handles and blades are available – for angular pieces too. Laser markings are very visible and help to perfectly align the mini pin slot. Consequently, a re-adjustment after removing the blade is not necessary.

3. The auxiliaries – anchors and springs fitting the cross slot of the OrthoEasy® Pin



L-anchor and U-anchor – pre-bent and exact fit to prevent slippage of the wire within the pin slot. Available in two optimal sizes: .019" x .025" for flush connection to the mini-screw (fig. left) and .016" x .016" specifically for auxiliary slot of the Quick brackets (fig. middle).



The **power arm** targets power at the same height as the centre of resistance and is applicable for en masse retraction and slipping mechanics.

The **space jet** allows safe, fast and gentle space closing with minimal clinical input.





X-ray pin for preoperative diagnostics and valuation of the anatomical structures.

All-purpose OrthoEasy Rack for safe-keeping and sterilisation. Removal of pins and instruments without touching (vertical alignment of pins and instruments). Transparent plastic cover for better overview of the aseptic materials.



Laboratory abutments for easy interlinking of laboratory appliances to the OrthoEasy Pins (e.g. frog and RPE appliance).



4. The applications

Canine retraction after 3 months.



Up-righting spring for molar uprighting in a direct miniscrew anchorage.



Molar distallisation by a skeletal anchored "FROG appliance" according to Dr. K. Walde.



RPE by using the advantage of Miniscrew anchorage.















Space closing with **Space Jet.**