


















Attachments for NobelProcera™ Implant Bar Overdenture

Attachment Navigator



Indication	Name of item	Accessory components available from*	Shape/size	Ø Thread	Separating force	Torque value**	Special advantages	
Retaining element for partial dentures on implants and/or implant bars	Ball Ø 2.5mm compatible with TSB		Ball-shape Ø 2.5mm	Ø 2.2mm × 0.45	11–13Ncm (1200–1300g)	20Ncm*	Different silicon retention inserts can be placed in the metal housing to achieve optimum retention force.	
	Metal Housing compatible with TSB							Nobel Biocare
	Retentive Cap White compatible with TSB		Rhein 83 www.rhein83.com					
	Ball Ø 2.0mm compatible with OSO™ (Retentive caps not included, please order separately from Preat Corporation)		Nobel Biocare	Ball-shape Ø 2.0mm	Ø 2.2mm × 0.45	No statement found	17Ncm*	Different silicon retention O-rings can be used to achieve the optimum retention force. OSO™ O-rings and OSO™ metal housing are available through Preat Corporation.
	Ball Ø 2.25mm compatible with Dalbo®-Plus		Nobel Biocare	Ball-shape Ø 2.25mm	Ø 2.2mm × 0.45	200–2200g up to 22Ncm (can be individually adjusted) Per 1/4 rotation the adhesive force will increase to about 200g	30Ncm*	The metal lamella design ensures reliable friction. The Dalbo-Plus® elliptic version provides an increased retention in the denture acrylic. It can be individually adjusted for each patient. Requires minimum servicing.
	Dalbo®-Plus elliptic		Cendres & Métaux www.cmsa.ch					
	Ball Ø 2.2mm compatible with Bredent™ (Retentive caps not included, please order separately from Bredent™)		Nobel Biocare	Ball-shape Ø 2.2mm	Ø 2.0mm × 0.25	metal = 6Ncm acrylic green = 6Ncm yellow = 8Ncm red = 10Ncm	20Ncm*	The Vario- Ball- Snap- System (Vario Kugel Snap vks-oc) can be used either as an occlusal, or an lingual/buccal or distal attachment. Different nylons inserts offer different retention.
	Metal Housing compact + Bredent™ Occlusal (Retentive caps not included, please order separately from Bredent™)							
	Attachment compatible with Anchor System M3		Nobel Biocare	Conical	Ø 3.0mm × 0.5	3Ncm	45Ncm*	The interchangeability of the Anchor System and slightly conical shape allows easy insertion by the patient. The housing with the male part is polymerized in the denture base. Female part is a round conical ring which is threaded into the bar. There is no loss of height, but the bar must be designed with stability around the female opening of the attachment.
	Metal Housing Anchor System M3		Servo Dental www.servo-dental.de					
Rigid Retention Anchor System M3								
Zest® Anchor Bar Locator®		Zest Anchors Inc www.zestanchors.com	Conical	Ø 2.0mm × 0.4	clear = 22.3Ncm/2268g pink = 13.4Ncm/1361g blue = 6.7Ncm/680g green = 17.8Ncm/1361–1814g orange = 9.1Ncm/907g red = 6.7Ncm/226–680g gray = 0g	30Ncm*	Inserts are available in different retention strengths and angle degrees.	
Zest® Anchor Bar Cap								
Adjustable bar attachment for removable prosthetics on implant bars (gold alloy or acrylic friction inserts)	Gold Rider Dolder® Macro		U-shape		200–2200g up to 22Ncm (can be individually adjusted)	No threaded parts needed	Micro and macro size are available. Perfect fit due to lateral recess and spring effects without recess. Available in regular or resilient shapes.	
	Gold Rider Dolder® Micro							Cendres & Métaux www.cmsa.ch
	Gold Rider Round Bar		Cendres & Métaux www.cmsa.ch	Round-shape	No threaded parts needed	N.A.	Available in one size. Increase retention by adding more on one bar.	
	Metal Housing Hader		Servo Dental www.servo-dental.de	Round-shape		white = light retention yellow = moderate retention red = heavy retention	No threaded parts needed	Acrylic inserts come in different retention strengths: white = light retention yellow = moderate retention red = heavy retention
Hader Clip Plastic (Yellow)								

* Screwdrivers and placing instruments to be ordered separately at original manufacturer.

** Torque value: The torque value indicated above is according to test results made by Nobel Biocare R&D and is not intended as an instruction for use of the respective product.

The data might differentiate from instructions given by the original manufacturer. Nobel Biocare disclaims any liability arising thereof.

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