




# Focus on TADs

3M Unitek  
(800) 423-4588  
3MUnitek.com

Comfort Solutions Inc  
(604) 532-2078  
Comfortsolutions.ca

Dentaurum USA  
(800) 523-3946  
tomasforum.com




Product Name	Unitek™ Temporary Anchorage Device System	Comfort Caps and Comfort Bumpers	tomas
			
Made of what material?	Titanium alloy	2-mm mouthguard material	Titanium
Diameter(s) available	1.8-mm-diameter body	N/A	1.6-mm outer diameter, 1.2-mm core diameter
Length(s) available	6 mm, 8 mm, 10 mm	N/A	6 mm, 8 mm, 10 mm
Head size(s) and shape(s) available	O-Ball head with 0.76-mm holes for attachment	These caps are sized to fit the LOMAS miniscrews available from Mondeal and Raintree Essix, and are compatible with many other similarly shaped miniscrew head designs.	Universal Cross-Slot and Undercut
Type of screw	Self-drilling, self-tapping	Self-drilling, self-tapping	Self-drilling, self-tapping
Does it come with a kit?	An Introductory Kit includes nine TADs (three of each size: 6 mm, 8 mm, 10 mm), four O-Caps, one Unitek™ Straight Driver, one Unitek Contra Angle Driver, one Unitek TAD Autoclavable Cassette, one Unitek TAD Mini Autoclavable Cassette, and one Unitek TAD Titanium Bowl	N/A	Starter kit includes: sterilization tray, contra-angle driver, screwdriver, torque ratchet driver, miscellaneous insertion tools, tissue punch, and TADs.
Custom auxiliaries	The Unitek™ TAD Constant Force Coil Springs provide an easy attachment capability that locks into place once installed. The springs are available in four lengths (1.75 mm, 3 mm, 6 mm, 8 mm) and three constant force levels (150 g, 200 g, 250 g).	N/A	Full TAD auxiliary kit contains more than 20 different TAD auxiliaries.
Does it come in a sterile container?	Yes	No	Yes
Is it FDA-approved?	Yes	Yes	Yes
Cost	Contact company	\$22.50 per package of 20 pieces	\$79 each, further discounts for 10+
Special features	It helps prevent tissue overgrowth, has an attachment groove, and can be soldered for customized attachment needs. Its square neck resides close to the center of the implant, assisting stable insertion. Its thread is a modified buttress thread form, which assists the security of the implant's hold once placed.	These simple yet effective coverings offer instant relief from ulcerations caused by intraoral appliances.	The company offers a TAD User Forum, with 10 to 12 TAD experts to help support users.

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**Dentsply GAC  
International**  
(800) 645-5530  
gacintl.com

**Forestadent  
USA**  
(800) 721-4940  
forestadentusa.com



**Great Lakes  
Orthodontics Ltd**  
(800) 828-7626  
greatlakesortho.com

Product Name	Infinitas® Mini Implant System	OrthoEasy Pin System	AbsoAnchor Micro Implants
			
Made of what material?	Titanium alloy	Titanium alloy grade 5	Titanium alloy
Diameter(s) available	1.5 mm, 2.0 mm	1.7 mm	1.3 mm, 1.4 mm, 1.5 mm, 1.6 mm, 1.7 mm, 1.8 mm, 2 mm
Length(s) available	6 mm, 9 mm	6 mm, 8 mm, 10 mm	6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 12 mm
Head size(s) and shape(s) available	One universal head design	Octagonal shape with a double cross slot of .022" x .025"	Small Head, No Head, Long Head, Circle Head, Fixation Head, Bracket Head
Type of screw	Self-drilling, self-tapping	Self-drilling	Self-drilling, self-tapping
Does it come with a kit?	Complete mini implant kit contains five mini implants (sterile and non-sterile), surgical aluminum tray, standard handle, mini screwdriver, (standard and mini) drivers, bone punches and mucotome inserts.	All pieces are sold separately. However, individual package pricing is available upon request.	Four different kits are available. Three include implants. All include drivers, pilot drills, burs, case, and a CD instructional guide.
Custom auxiliaries	No. Not necessary.	Laboratory Abutments, Space Jet, Power Arm, Memory Titanol Spring, The Frog Molar Distalizer	Contra-angle Hand Driver, Torqueing Driver, Elastic Power Thread, Crimpable Hooks, NiTi Closed Coil Springs
Does it come in a sterile container?	Yes	No	No
Is it FDA-approved?	Yes	Yes	Yes
Cost	Contact company	Contact company	Micro Implants are \$140 to \$150 for a package of two.
Special features	Unique head design, angled transmucosal neck design, unique body design, self-drilling to ease insertion and maximize stability.	Transgingival conic screw neck seals the perforation area safely. Compression step and depth stop for increased stability. Reduced vertical height of the head for patient comfort. Three color-coded screws for visual differentiation.	Six different head type choices, tapered and cylinder type available. Diameter of 1.3 mm makes it the thinnest implant available. Accepts all orthodontic systems, including wire, ligatures, elastomers, and springs. Designed to control and manage anchorage based on directional force mechanics.

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**MASEL**  
(800) 547-2000  
maselortho.com



**Ormco**  
(800) 854-1741  
ormco.com

Product Name	Orlus Mini Implant System	VectorTAS™
		
Made of what material?	High-grade titanium alloy	Titanium 6-4
Diameter(s) available	1.4 mm, 1.6 mm, and 1.8 mm	1.4 mm and 2.0 mm
Length(s) available	Long and regular (5 mm) with pre-drilling, 6 mm without	6 mm, 8 mm, 10 mm, 12 mm
Head size(s) and shape(s) available	.022-inch wire compatible button head	Patented double-delta head available in 1.0 mm and 2.0 mm sizes
Type of screw	Self-drilling, self-tapping	Self-drilling, self-tapping
Does it come with a kit?	Standard Hand Driver Kit includes: one standard hand driver handle, one standard hand driver tip, one surgical hand pre-drill tip, one autoclavable container. Orlus miniscrews (two per pack), sold separately.	The VectorTAS Starter Kit contains the VectorTAS Atlas, four 6-mm presterilized miniscrews (1.4-mm diameter), 10 8-mm presterilized miniscrews (1.4-mm diameter), two 10-mm presterilized miniscrews (2.0-mm diameter), two 12-mm presterilized miniscrews (2.0-mm diameter), a modular driver with a 40-mm tip and contra-head assembly with a 22-mm tip, a gingiva-colored typodont with one miniscrew; two tissue punches (disposable), two initiator tips, six 5-mm 150g single delta spring with swivel, six 10-mm 150g single delta spring with swivel, six 5-mm 150g double delta springs, six 10-mm 150g double delta springs, six crimpable posts, and a placement technique guide.
Custom auxiliaries	Specially sized eyelets in 6 mm, 9 mm, or 12 mm; Surgical Driver Tips in short and long; Surgical Pre-Drill Tips for midpalatal or palatal alveolus areas; Hand Driver with multiple tips; Small Hand Driver	No
Does it come in a sterile container?	Yes	Yes
Is it FDA-approved?	Yes	Contact company
Cost	Contact company	\$2,807.90
Special features	Corkscrew-like tip is positioned on the center axis of the screw for predictable placement. Strong button-head design with rounded edges for patient comfort. Tapered cone that is wider at the top for maximum cortical support. Sand-blasted and acid-etched surface for biocompatibility. Lateral cutting groove to prevent stress concentration during insertion.	Each VectorTAS miniscrew is sized and equipped with a specific thread design based on the soft-tissue depth and density of bone in its designated placement area. Additionally, VectorTAS includes an assortment of TAD-specific auxiliaries to maximize the vectors and force levels used in skeletal anchorage, providing more controlled movement and better force management.

# Focus on TADs

**Ortho Technology  
Inc**  
(800) 999-3161  
orthotechnology.com

**Success Essentials  
(Appliance Therapy)**  
(800) 423-3270  
appliancetherapy.com

Product Name	Spider Screw® Temporary Anchorage Device System	A.T. Temporary Orthodontic Anchor System
	 <p><b>Spider Screw® Self-Ligating TAD</b></p>	
Made of what material?	Grade 5 titanium alloy (nickel-free)	Grade 5 titanium
Diameter(s) available	Body diameters 1.5 mm and 1.9 mm	1.0 mm, 1.5 mm
Length(s) available	5.0 mm, 6.0 mm, 6.5 mm, 7.0 mm, 8.0 mm, 9.0 mm, 10.0 mm, 11.0 mm	6.5 mm, 8 mm, 10 mm
Head size(s) and shape(s) available	Head Diameters 3.4 mm and 3.9 mm, featuring two intersecting .022" slots. The under tie-wing area can also function as another .022" x .025" slot and features two intersecting slots of .027" in diameter with chamfered inlets. Also available in self-ligating screw heads.	Available in short- and long-neck with round eyelets and perpendicular slots
Type of screw	Self-drilling, self-tapping, pre-drilling option available	Self-drilling, self-tapping
Does it come with a kit?	The Spider Screw Self-Ligating TAD Starter Kit includes screwdriver body, self-ligating TAD key, handle driver, Contra angle pick-up driver short, pick-up driver shaft, 1.1 mm x 8.0 mm drill, 1.3 mm x 9.0 mm drill, organizer, and Spider Screws K1, K2, and C1. The Starter Kit includes screwdriver body, pick-up driver shaft, cross driver shaft, handle driver, contra angle pick-up driver, organizer, 1.1 mm x 8.0 mm drill, and 1.2 mm x 10.0 mm drill.	The kit includes two spiral drills, a contra angle pick-up driver, a screwdriver body, a cross handle driver shaft, a pick-up handle shaft, a handle driver short, and an organizer.
Custom auxiliaries	Crimpable Double and Cross Tubes, TruFlex Nickel Titanium TAD Closed Coil Springs, Crimpable Archwire Hooks with Split Archwire Opening, Crimpable Ball Hooks with Split Archwire Opening	None at this time
Does it come in a sterile container?	Yes	Yes
Is it FDA-approved?	Yes	Yes
Cost	Self-Ligating K1 & K2 Plus = \$117.79 each; K1 & K2 = \$88.19 each	\$700 for the starter kit and \$75 for each TAD
Special features	Self-Ligating K1 & K2 Plus are color-coded for easy ID. Built-in millimeter scales on organizers ensure correct Spider Screw selection.	Grade 5 Titanium construction; nickel-free for sensitive patients; 1.5-mm-diameter body.