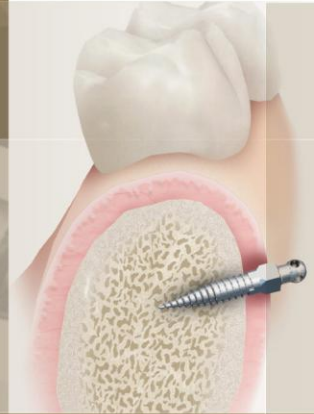


Unitek™ Temporary Anchorage Device (TAD) System



Versatile
Fixed
Anchorage
for Treatment Efficiency

3M Unitek

Unitek™ Temporary Anchorage Device (TAD) Introductory Kit

- 1 each Unitek™ TAD Cassette Autoclavable
- 1 each Unitek TAD Mini Cassette Autoclavable
- 1 each Unitek TAD Titanium Bowl
- 1 each Unitek TAD Straight Driver
- 1 each Unitek TAD Contra Angle Driver
- 1 each Unitek TAD 1.1 mm Drill
- 1 each Unitek TAD #2 Round Burr
- 4 each Unitek TAD O-Caps
- 3 each Unitek TADs:
10 mm, 8 mm, and 6 mm
- 4 each Unitek TAD 1.5 mm Tissue Punches



REF 504-101



3M Unitek

Instrumentation



Unitek™ TAD
Contra Angle
Driver



Unitek™ TAD
Straight Driver

Unitek™ TAD Straight Driver



← Insert implant here

A red o-ring holds the implant in place in the driver head. If the implant is not retained in the driver tip, the red o-ring should be replaced.

← Place base in palm and rotate top half of unit clockwise for insertion

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Unitek™ TAD Contra Angle Driver (latch-type driver)



- Used to access areas where the straight handle of the Unitek™ TAD Straight Driver is not ideal (i.e. the lateral palatal wall, depth of the palatal vault, retromolar area and external oblique ridge)
- Manual contra-angle design makes placement comfortable and simple
- Looks similar to a traditional latch-type/contra-angle handpiece but upon further investigation is **purely hand-driven**, not requiring any external attachments (such as compressed air).
- Handle at base of instrument is rotated manually in a clockwise direction to advance implant, or in a counter-clockwise direction for removal

Unitek™ TAD Contra Angle Driver

Insert implant here



Hold steady here



Turn clockwise here



- Instead of turning the whole instrument to insert an implant, this driver can be held steady with one hand and turned easily at the handle's end with the other hand.
 - *Greater stability*
 - *More control*
 - *No hand movements in the mouth*

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Unitek™ TAD Contra Angle Driver Adapter

- Allows for direct engagement of the Unitek™ Temporary Anchorage Device (TAD) System and are available in lengths of 3.5 mm, 10.5 mm and 17.5 mm. The Unitek TAD Contra Angle Driver comes with a 3.5 mm adapter.
- Laser markings on the adapters correspond with the location of the attachment holes on the implant head, allowing the doctor to know where the attachment holes are positioned without removing the instrument from the implant



- The usage of the adapters is dependent on the doctor's preference and the placement area for the Unitek TAD (i.e. 3.5 mm adapter for placing a Unitek TAD in the lateral palatal wall)

Unitek™ TAD Constant Force Coil Springs



- Unique locking eyelet allows for ligature-free, locking attachment of the spring to the head of the implant
- **Constant force** means that as long as the spring is not stretched greater than 3x its length, it is still going to exert a consistent level of force
- Unitek™ TAD Constant Force Coil Springs are made of nickel-titanium
- Available in FOUR different lengths: 1.75 mm, 3 mm, 6 mm and 8 mm in constant light (150 g), constant medium (200 g), and constant heavy (250 g) force levels
- Sold in packs of 10

Locking Closed Coil Springs Force Levels

These coil springs are available in three different force levels:
light, medium and heavy

How are the force levels defined?

Light – exerts 150 g of force (+/- 25 g)

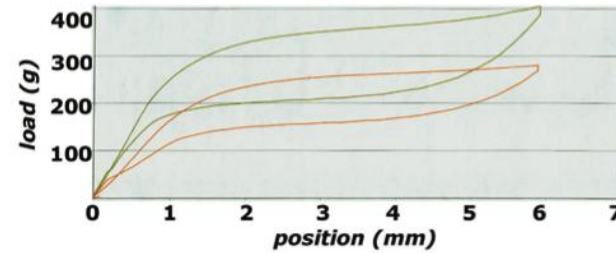
Medium – exerts 200 g of force (+/- 25 g)

Heavy – exerts 250 g of force (+/- 25 g)

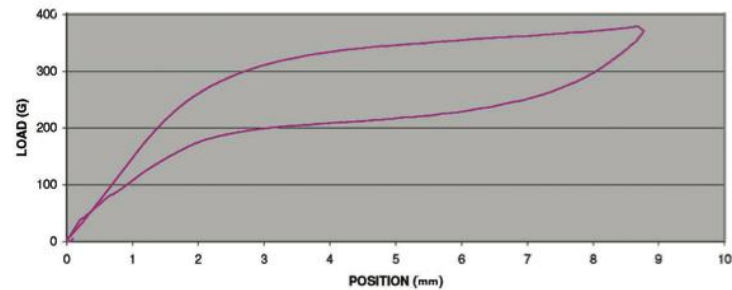
- Initial light loading force on the TAD should not exceed 50-75 g (i.e. power chain)
- Approximately 8 weeks after initial light force, the final desired force level can be applied via a light, medium or heavy Locking Closed Coil Spring.

Springs: Constant Forces

Light:
150 g



Medium:
200 g



Heavy:
250 g

