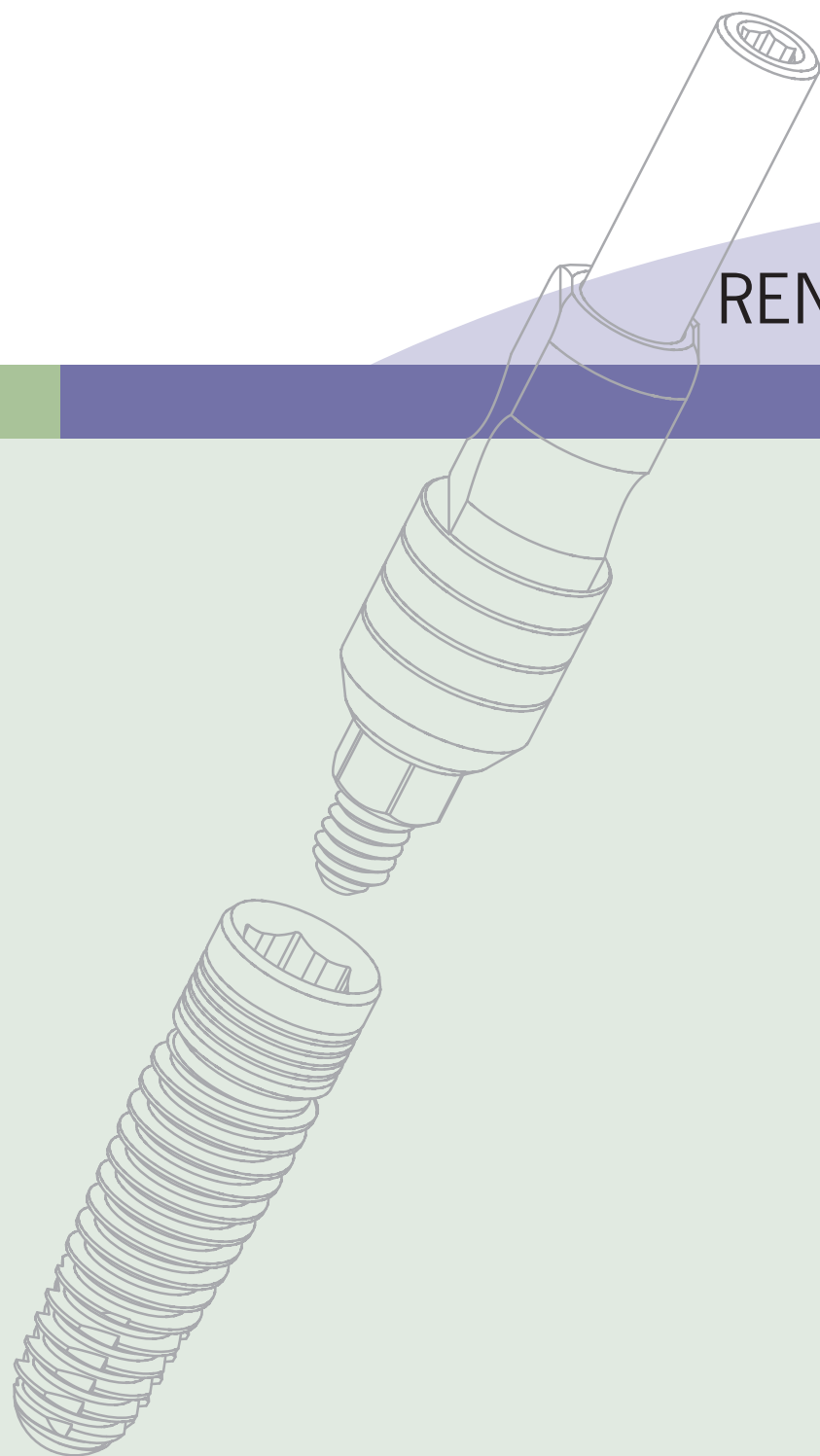




RENOVA® Implant System

Product Catalog



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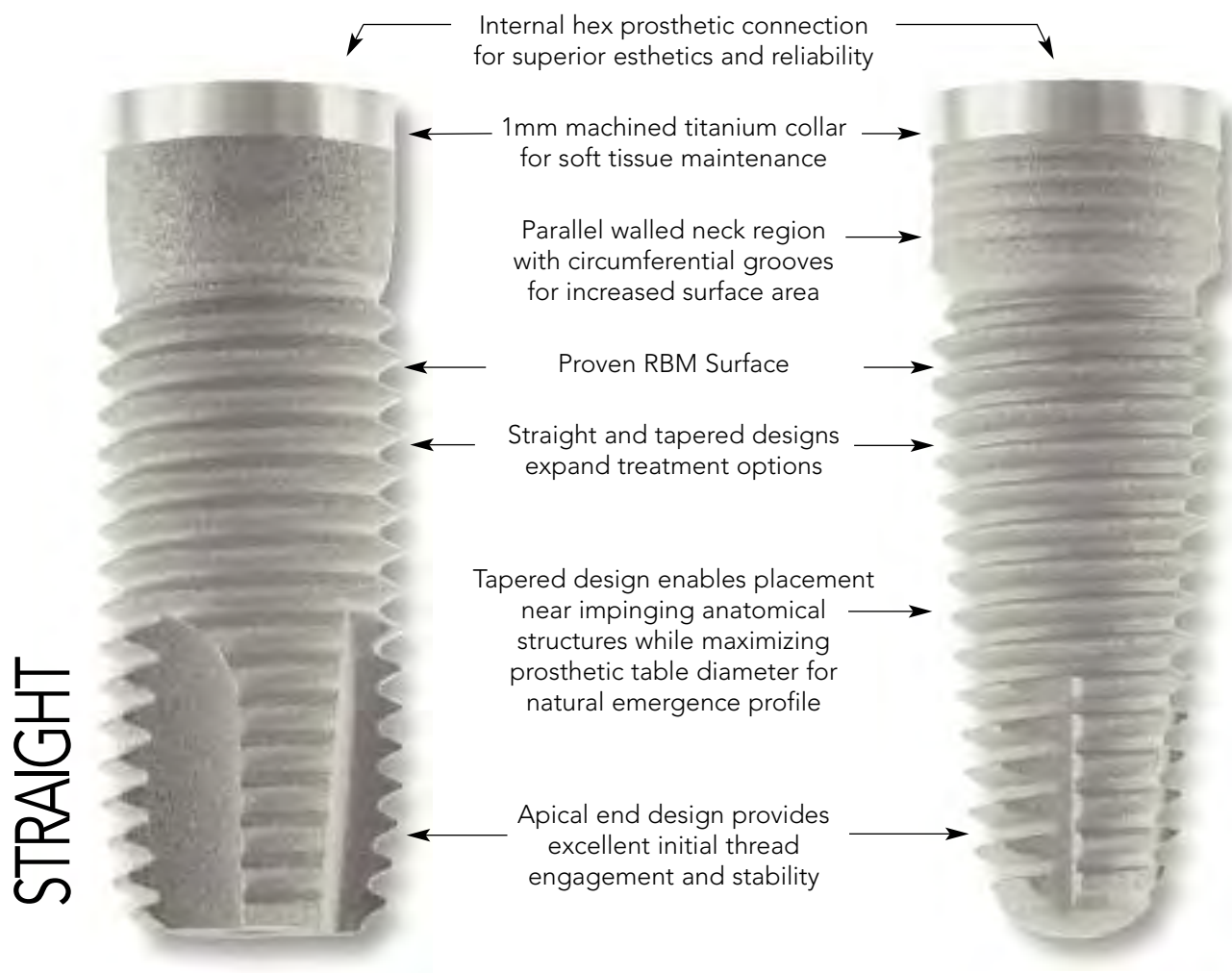
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RENOVA dental implants deliver the surgical versatility of straight and tapered implant designs with the strength and esthetic benefits of an internal prosthetic connection.



Internal Hex Prosthetic Connection

- Delivers superior strength and ease of prosthetic indexability.
- Beveled interface helps maximize prosthetic stability and evenly transfer occlusal forces to the implant.
- Deep internal hex connection simplifies abutment seating and provides excellent tactile feel for added confidence.

the RENOVA system

RENOVA Prosthetics

The Tapered and Straight implant designs share the same prosthetics.

The RENOVA System offers abutment systems for:

- Cement-Retained restorations
- Screw-Retained restorations
- Overdenture restorations



= 3.75mm Small Diameter Prosthetic Connection



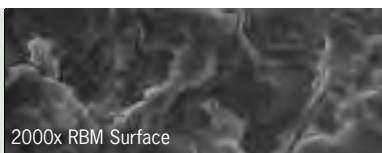
= 4.5/4.75mm Regular Diameter Prosthetic Connection

Proven RBM Surface

KEYSTONE DENTAL'S PROVEN RESORBABLE BLAST MEDIA (RBM) SURFACE

Substantially increases bone-to-implant contact and mechanical bone interlock

- Roughened titanium surface — a high level of clinical acceptance since 1997; 98% implant success rate*.
- Biocompatible calcium phosphate ceramic media — ensures safety and biological compatibility.
- Higher bone-to-implant contact — and 250% more surface area.¹
- Acid-free roughening process — implant is free from acid residues.

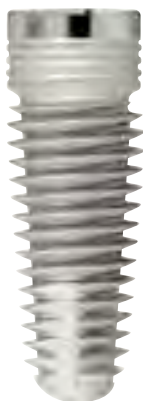


Bone, cells, and blood vessels clearly denoted at the bone/titanium interface. No evidence of inflammatory cells or fibrous tissue and the bone follows all irregularities of the RBM surface.

¹ Piatelli, M, et. al. (2002) Bone response to machined and resorbable blast material titanium implants: An experimental study in rabbits. *Journal of Oral Implantology*: 1, 2-8.

² Sanz, A., et. al. (2001) Experimental study of bone response to a new surface treatment of endosseous

RENOVA RBM Tapered Implants



Features:

- Tapered implant design.
- RBM surface.
- Cover Screw and pre-mounted, color-coded Placement Head (3.5mm) included with each implant.
- Packaged to minimize handling during placement.
- Gamma sterilized.

Instrumentation Required:

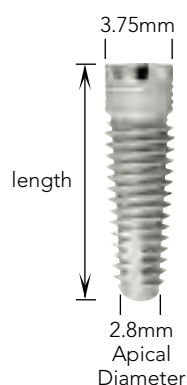
- RENOVA Tapered Implant Surgical Kit (page 17)
- RENOVA Tapered Drill and Tap Set (page 17)



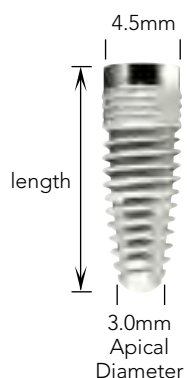
= Small Diameter Prosthetic Connection



= Regular Diameter Prosthetic Connection



Implant Size	Catalog No.
3.75 x 10mm	14000K
3.75 x 11.5mm	14001K
3.75 x 13mm	14002K
3.75 x 14.5mm	14003K



Implant Size	Catalog No.
4.5 x 8.5mm	14004K
4.5 x 10mm	14005K
4.5 x 11.5mm	14006K
4.5 x 13mm	14007K

RENOVA RBM Straight Implants



Features:

- Straight (parallel walled) implant design.
- RBM surface.
- Cover Screw and pre-mounted, color-coded Placement Head (3.5mm) included with each implant.
- Packaged to minimize handling during placement.
- Gamma sterilized.

Instrumentation Required:

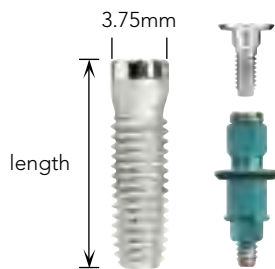
- RENOVA Straight Implant Surgical Kit (page 20)



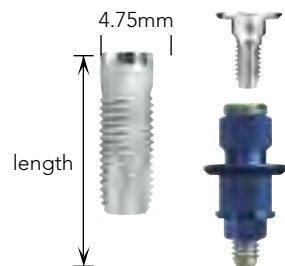
= Small Diameter Prosthetic Connection



= Regular Diameter Prosthetic Connection



Implant Size	Catalog No.
3.75 x 8mm	13000K
3.75 x 10mm	13001K
3.75 x 11.5mm	13002K
3.75 x 13mm	13003K
3.75 x 16mm	13004K



Implant Size	Catalog No.
4.75 x 8mm	13005K
4.75 x 10mm	13006K
4.75 x 11.5mm	13007K
4.75 x 13mm	13008K
4.75 x 16mm	13009K

Cover Screws



Features:

- Included with all RENOVA implants.
- Offered separately for spare or replacement use.

Instrumentation Required:

- .048" Hex Driver (page 27)

Cover Screw	Catalog No.
 3.75mm	10032K
 4.5/4.75mm	10033K

Healing Abutments



Features:

- Occlusal surface is labeled with the implant prosthetic table (SDI and RDI) and cuff height.

Instrumentation Required:

- .048" Hex Driver (page 27)

Healing Abutment	Catalog No.
 3.75mm, 1.5mm cuff	10035K
 3.75mm, 3mm cuff	10036K
 3.75mm, 5mm cuff	10037K
 4.5/4.75mm, 1.5mm cuff	10038K
 4.5/4.75mm, 3mm cuff	10039K
 4.5/4.75mm, 5mm cuff	10040K

Implant Impression Posts



- Used for single or multi-unit (splinted) restorations.
- Includes a long screw (open tray impressions) and a short screw (closed tray impressions).
- Transfers soft-tissue contours to the dental laboratory.

Instrumentation Required:

- .048" Hex Driver (page 27)

Implant Impression Post	Catalog No.
 3.75mm	43127K
 4.5/4.75mm	43128K



Implant Analogs

- Replicates the implant for use in the dental laboratory model.
- Titanium alloy.

Implant Analog	Catalog No.
 3.75mm	43129K
 4.5/4.75mm	43130K

cement-retained restorations

Cement-On Crown (COC) Abutment System

Features:

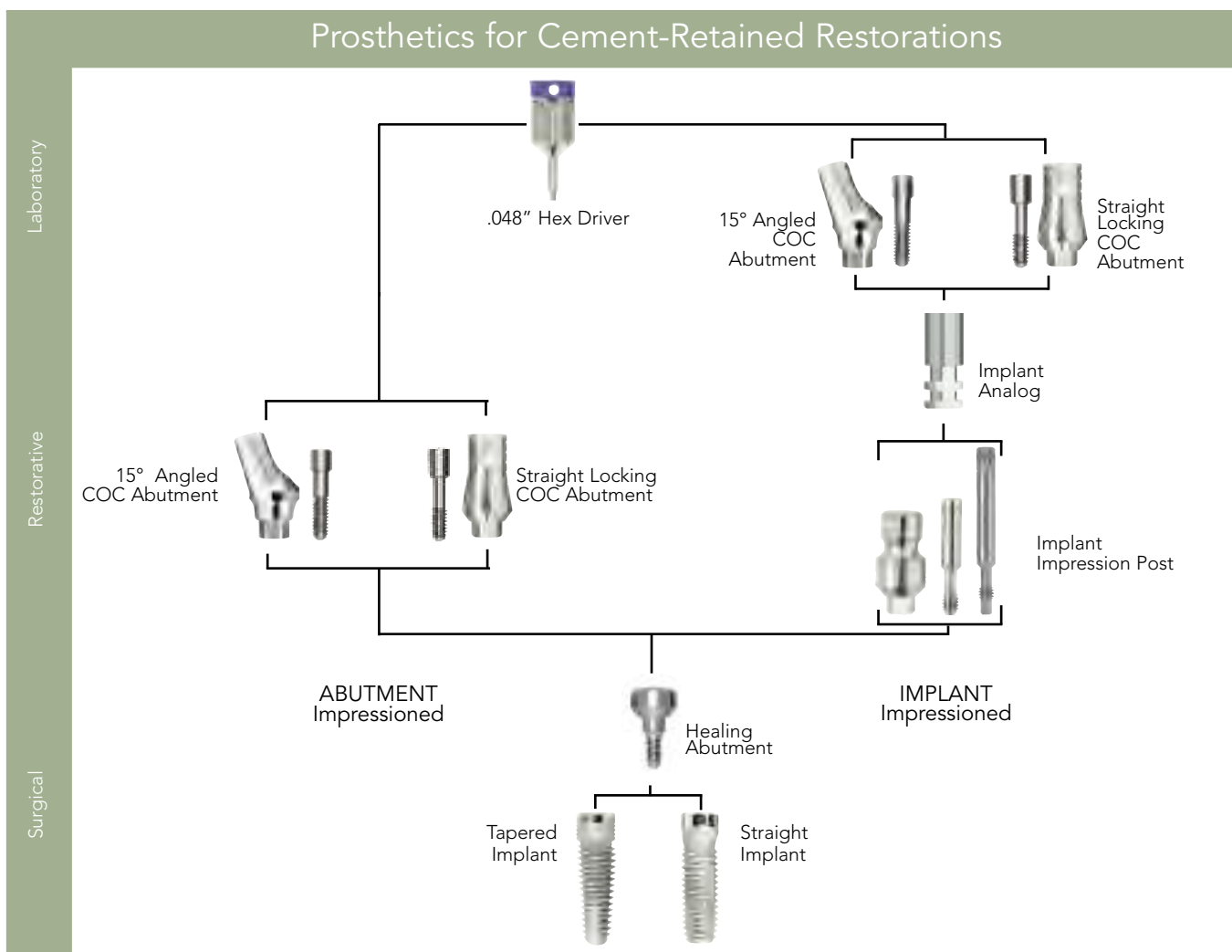
- COC Abutments are intended for cement-retained restorations where conventional crown and bridge techniques are desired. The COC Abutment can be used for single or multi-unit (splinted) restorations.
- COC Abutments can be prepared as needed and impressed directly using conventional crown and bridge techniques, eliminating the need for an impression post, analog and other prosthetic components. These abutments may also be used for provisional (temporary) restorations.

Instrumentation Required:

- .048" Hex Driver (page 27)

Technical Considerations:

- A minimum inter-occlusal clearance of 4.0mm plus the additional height of the restoration is required between the implant prosthetic table and the occlusal plane.
- It is recommended that bulk abutment reduction be performed outside of the mouth due to risk of heat transfer to the implant.
- COC Abutments are made of titanium alloy and are not designed for direct casting to the abutment.
- Torque Recommendation – 30Ncm for Abutment Screw.



Straight Locking COC Abutments

- For use in single or multi-unit (splinted) restorations.
- Abutment margin can be prepared as necessary to follow gingival contours.
- COC Abutment may be impressed directly using conventional crown and bridge impression techniques. Alternately, an implant impression post can be used to impression the implant, allowing the laboratory to prepare the abutment and fabricate the restoration.
- Abutments include a .048" hex titanium abutment screw. Additional screws are available separately.
- Torque Recommendation – 30Ncm.

Instrumentation Required:

- .048" Hex Driver (page 27)



COC Abutments	Catalog No.
3.75mm COC Abutment with Screw	43089K
4.5/4.75mm COC Abutment with Screw	43090K
Abutment Screw, Titanium	43092K

15° Angled Locking COC Abutments

- For use in single or multi-unit (splinted) restorations where angle correction is needed.
- Pre-machined margins simplify abutment preparation and may be additionally prepared to follow gingival contours.
- COC Abutment may be impressed directly using conventional crown and bridge impression techniques. Alternately, an implant impression post can be used to impression the implant; allowing the laboratory to prepare the abutment and fabricate the restoration.
- Abutments include a .048" hex titanium abutment screw. Additional screws are available separately.

Instrumentation Required:

- .048" Hex Driver (page 27)



COC Angled Abutments	Catalog No.
3.75mm 15° COC Abutment with screw, 2mm Cuff	43094K
4.5/4.75mm 15° COC Abutment with screw, 2mm Cuff	43096K
Abutment Screw, Titanium	43100K

screw-retained restorations

UCLA Abutment System

Features:

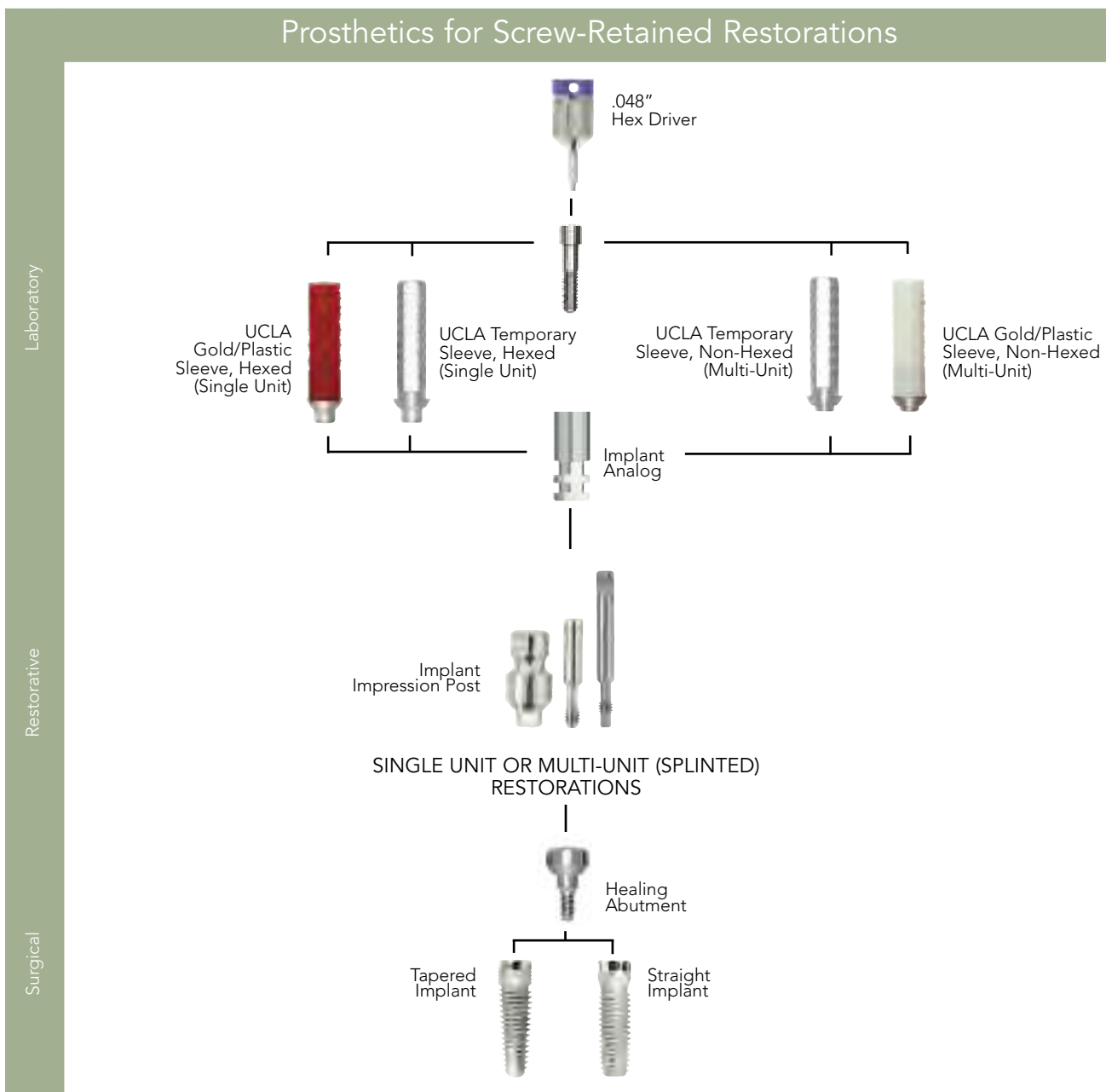
- The UCLA Abutment System can be used for single or multi-unit (splinted) crown and bridge restorations. It can also be used for bar overdenture restorations.
- UCLA Abutments are used to fabricate highly esthetic custom restorations that attach directly to the implant.

Technical Considerations:

- A minimum inter-occlusal clearance of 4.0mm for the SDI and RDI UCLA Abutments is required between the implant prosthetic table and the top of the abutment screw when seated.
- Torque Recommendation – 30Ncm for Abutment Screw.

Instrumentation Required:

- .048" Hex Driver (page 27)



UCLA Gold/Plastic Combo Sleeve

- The Gold/Plastic Combo combines the precision fit of a machined interface with the convenience of a castable plastic chimney.
- Specially designed geometry on the plastic chimney improves wax retention.
- Offered in both hexed (single unit) and non-hexed (multi-unit) versions.
- Includes a titanium .048" hex abutment screw. Additional screws are available separately.

Instrumentation Required:

- .048" Hex Driver (page 27)



Gold/Plastic Combo Sleeve	Catalog No.
3.75mm, Hexed with screw (Single Unit)	43006K
3.75mm, Non-Hexed with screw (Multi-Unit)	43009K
4.5/4.75mm, Hexed with screw (Single Unit)	43007K
4.5/4.75mm, Non-Hexed with screw (Multi-Unit)	43010K

Abutment Screws for UCLA Abutments

- Titanium screw included with each abutment and offered separately.
- Torque Recommendation – 30Ncm.

Instrumentation Required:

- .048" Hex Driver (page 27)



Abutment Screw	Catalog No.
Abutment Screw, Titanium	43116K

UCLA Temporary Sleeve

- Titanium Temporary Sleeves provide a textured surface for acrylic when constructing provisional restorations.
- Offered in both hexed (single unit) and non-hexed (multi-unit) versions.
- Includes a titanium .048" hex abutment screw.

Instrumentation Required:

- .048" Hex Driver (page 27)



Temporary Sleeve	Catalog No.
Sleeve, Hexed with screw (Single Unit)	43110K
Sleeve, Non-Hexed with screw (Multi-Unit)	43113K
Sleeve, Hexed with screw (Single Unit)	43111K
Sleeve, Non-Hexed with screw (Multi-Unit)	43114K

screw-retained restorations

Fixed Detachable Abutment System

Features:

- The Fixed Detachable Abutment System is designed for multi-unit (splinted) crown and bridge restorations.
- It is also commonly used for bar overdenture restorations.
- The Fixed Detachable Abutment provides excellent stability and allows for an easy path of insertion due to its tapered design.

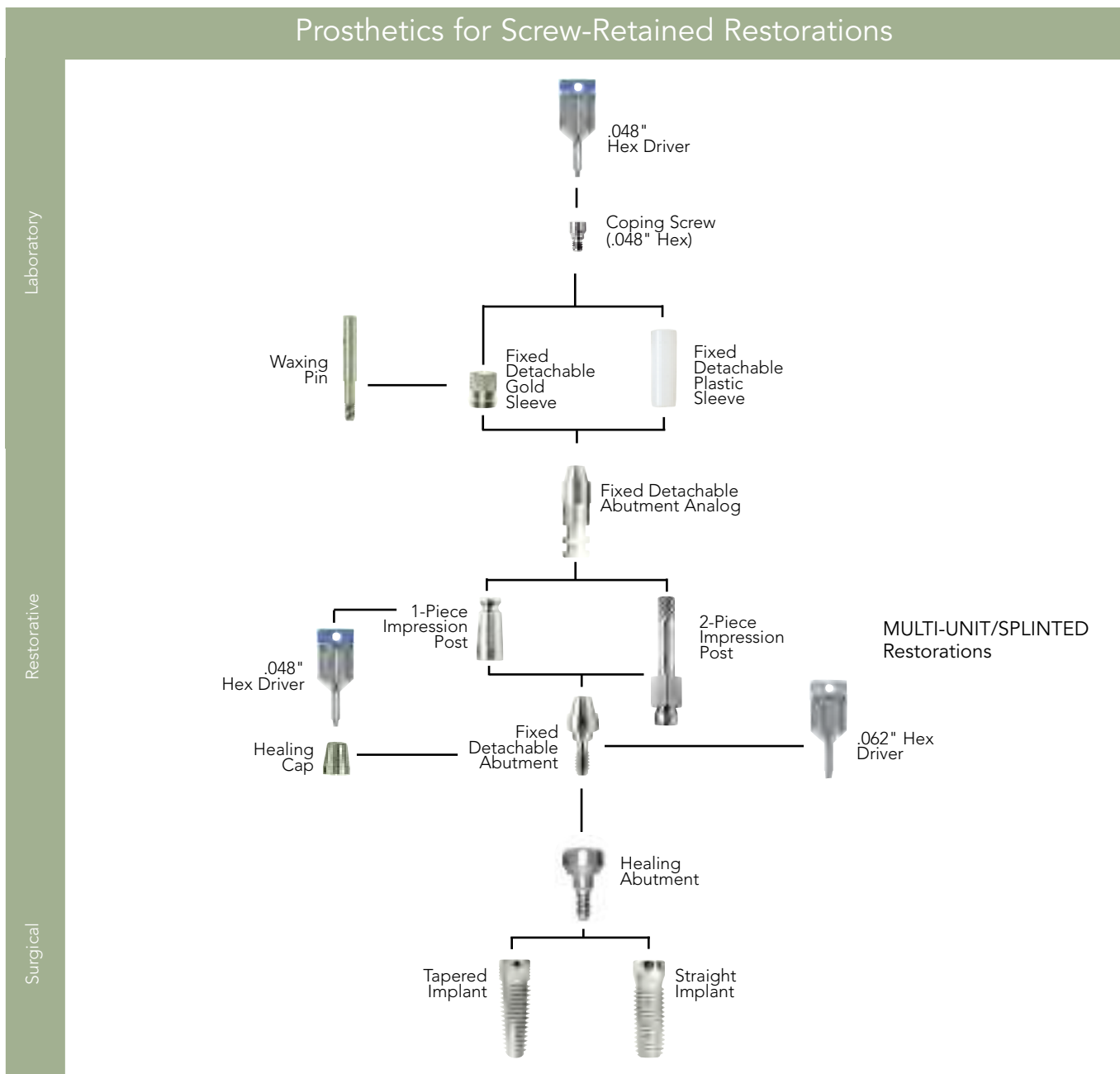
Technical Considerations:

- A minimum inter-occlusal clearance of 6.9mm is required between the implant prosthetic table and the top of the coping screw when seated.
- The tapered 12° side wall allows up to 24° of divergence between adjacent abutments.
- Torque Recommendation - 30Ncm for Abutment and Abutment Screw.

Instrumentation Required:

- .048" Hex Driver (page 27)
- .062" Hex Driver (page 27)

Prosthetics for Screw-Retained Restorations

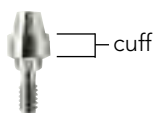


Fixed Detachable Abutments

- Torque Recommendation – 30Ncm.

Instrumentation Required:

- .062" Hex Driver (page 27)



Fixed Detachable Abutment	Catalog No.
3.75mm, 2mm Cuff	43118K
3.75mm, 4mm Cuff	43119K
4.5/4.75mm, 2mm Cuff	43120K
4.5/4.75mm, 4mm Cuff	43121K

Healing Cap for Fixed Detachable Abutments

- Protects the abutment's internal threads and seating surface during healing.

Instrumentation Required:

- .048" Hex Driver (page 27)



Item	Catalog No.
Fixed Detachable Abutment Healing Cap	R2800-00K

Impression Posts for Fixed Detachable Abutments

- 1-piece design is used for closed tray impressions.
- 2-piece design is used for open tray impressions.

Instrumentation Required:

- .048" Hex Driver (page 27)



Impression Posts	Catalog No.
1-Piece, 9mm	R9615-48K
2-Piece, 12mm	R9515-48K

Impression
Post,
1-Piece

Impression
Post,
2-Piece

screw-retained restorations

Analog for Fixed Detachable Abutments

- Replicates the Fixed Detachable Abutment for use by the dental laboratory.
- Stainless steel.



Item	Catalog No.
Fixed Detachable Analog	410530-4K

Gold Sleeve and Plastic Sleeve for Fixed Detachable Abutments

- Gold Sleeve provides a precision machined interface between the restoration and the abutment. A Waxing Pin is available for waxing additional vertical height.
- Plastic Sleeve provides an alternative to Gold Sleeves and the extended chimney eliminates the need for a Waxing Pin.
- Use with titanium coping screws, which are purchased separately.
- A reamer (Catalog No. 410580K) is available for use after casting procedure.



Gold Sleeve



Item	Catalog No.
Gold Sleeve	410720-4K
Plastic Sleeve, 12mm	410450-4LK
Waxing Pin	R9229-48K



Plastic Sleeve

Coping Screw for Fixed Detachable Abutments

- Use with Fixed Detachable Abutment Gold and Plastic Sleeves.
- Torque Recommendation – 20Ncm.

Instrumentation Required:

- .048" Hex Driver (page 27)



Item	Catalog No.
Coping Screw, .048" (1.5mm Head)	R9460-48K

Snap Abutment System

Features:

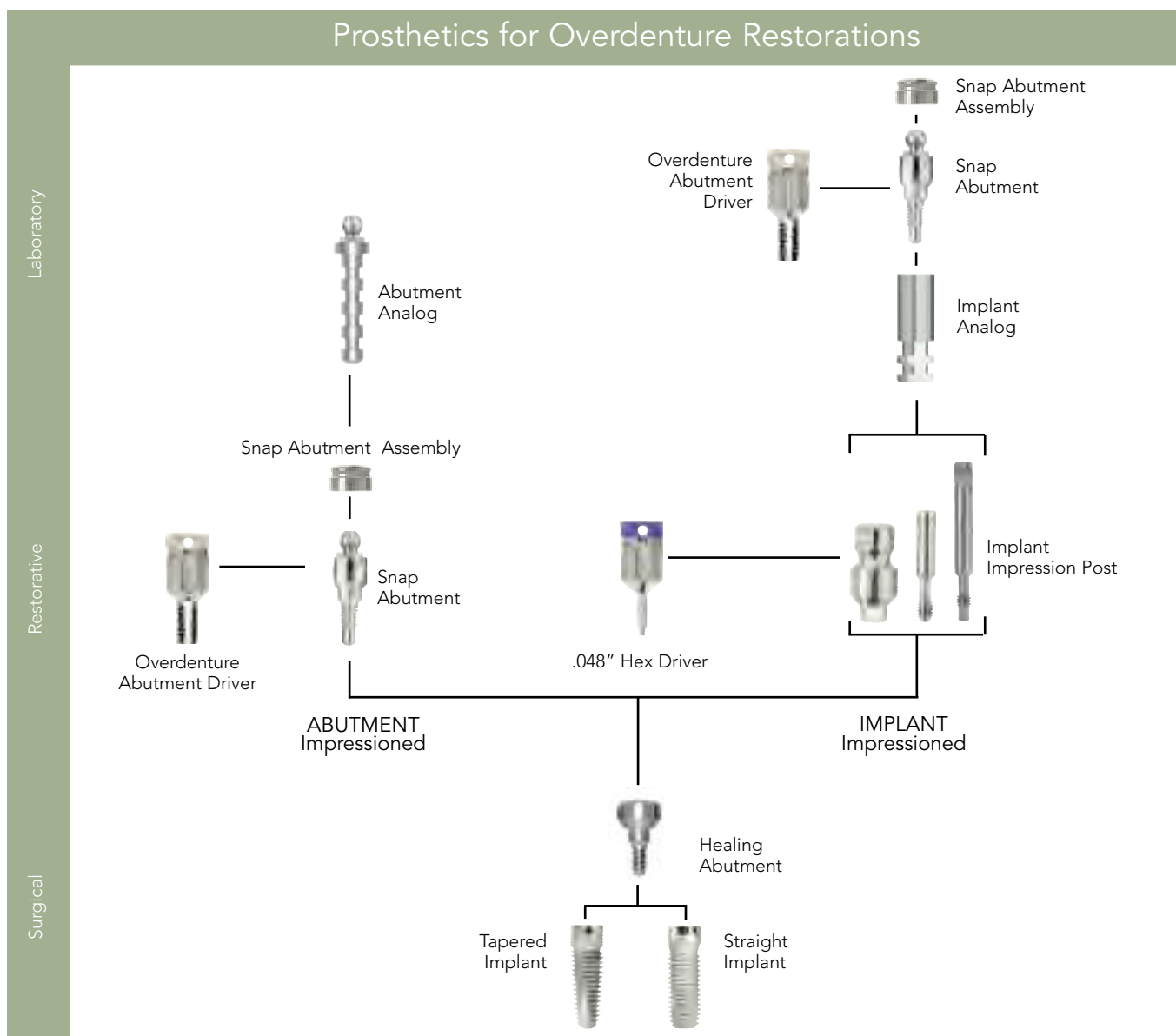
- The Snap Abutment System is used with two or more implants for overdenture restorations.
- The Snap Abutment threads directly into the implant.
- The Snap Abutment assembly is processed into the denture base either chairside or at the dental laboratory.
- Replacement retention inserts are available in 12 Newtons.

Technical Considerations:

- A minimum inter-occlusal clearance of 7.0mm plus the cuff height is required.
- Implants must be relatively parallel to one another – less than 20° total divergence.
- Torque Recommendation – 30Ncm.

Instrumentation Required:

- .048" Hex Driver (page 27)
- Overdenture Driver (page 28)



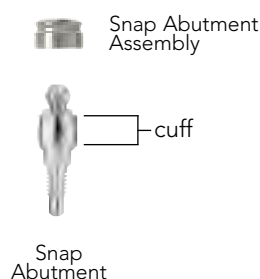
overdenture restorations

Snap Abutments

- Snap Abutments are packaged with a Snap Abutment Assembly [8 Newtons (Ncm) – yellow] and laboratory spacer.
- Torque Recommendation – 30Ncm.

Instrumentation Required:

- Overdenture Driver (page 28)



Snap Abutments	Catalog No.
3.75mm, 1mm Cuff	43102K
3.75mm, 2mm Cuff	43103K
3.75mm, 3mm Cuff	43104K
3.75mm, 4mm Cuff	43105K
4.5/4.75mm, 1mm Cuff	43106K
4.5/4.75mm, 2mm Cuff	43107K
4.5/4.75mm, 3mm Cuff	43108K
4.5/4.75mm, 4mm Cuff	43109K

Snap Abutment Accessories

	Item	Catalog No.
	Abutment Analog	L2804-01K
	Snap Retention Inserts, 12Ncm (6-pack) (includes blue retaining rings)	L2806-12K
	Assembly (8Ncm) and lab spacer	L2807-01K
	Seating Tool	L2808-01K

surgical kit for RENOVA tapered implants

RENOVA Tapered Surgical Kit

The RENOVA Tapered Implant Surgical Kit with Drill and Tap Set offers the instrumentation needed to place RENOVA 3.75 and 4.5mm tapered implants.

Tapered Surgical Kit	Catalog No.
RENOVA Tapered Surgical Kit	13086K

- Requires the purchase of an Irrigated or Non-Irrigated Drill and Tap Set (13083K or 13084K).

Tapered Surgical Kit Includes:

Conversion Handle for Latch Instruments	L1407K	NP Placement Head, 5.5mm, RDI	10588K
Direct-to-Implant Ratchet Adapter, Long, SDI	10591K	Parallel Pins, 2.0mm (2-pack)	10028K
Direct-to-Implant Ratchet Adapter, Long, RDI	10593K	Ratchet Adapter, 8mm	L1806-04K
Drill Extender, Locking	L1404-01K	Ratchet/Tap Adapter, 12mm	L1806-05K
Hand Adapter	L1406-02K	Ratchet Extender, Short & Long	L1703-01K
Handpiece Adapter	L1406-01K	Stabilizing Wrench	L1709-01K
Hex Driver, .048", Latch	L1400-48-23K	Surgical Ratchet	L1702-01K
Hex Driver, .048", Swivel, Short	R9122K	Component Pack	L1812-02K
Hex Driver, .048", Swivel, Long	R9121K	Grommet Plugs (2 packs of 10)	L1804-01K
Irrigation Port Cleaner	L1800-22-02K	Tapered Implant Sizing Overlays 100% & 125%	13096K
NP Placement Head, 3.5mm, SDI	10585K	Surgical & Restorative Guide	MK40044
NP Placement Head, 3.5mm, RDI	10587K	Wall Chart	4409-0058
NP Placement Head, 5.5mm, SDI	10586K	Drill Usage Chart, Non-Irr.	4409-0112
		Drill Usage Chart, Irr.	4409-0113

RENOVA Tapered Drill and Tap Sets

Tapered Drill and Tap Set, Irrigated	Catalog No.
Drill and Tap Set, Irrigated	13083K

Irrigated Drill and Tap Set Includes:

Round Marking Bur, 2.3mm	L1405-23-00K
Initial Drill, 2.0mm, Irrigated	13057K
Intermediate Drill, 3.75 x 10mm, Irrigated	13059K
Intermediate Drill, 3.75 x 11.5mm, Irrigated	13060K
Intermediate Drill, 3.75 x 13mm, Irrigated	13061K
Intermediate Drill, 3.75 x 14.5mm, Irrigated	13062K
Finishing Drill, 3.75 x 10mm, Irrigated	13067K
Finishing Drill, 3.75 x 11.5mm, Irrigated	13068K
Finishing Drill, 3.75 x 13mm, Irrigated	13069K
Finishing Drill, 3.75 x 14.5mm, Irrigated	13070K
Surgical Tap, 3.75 x 10mm, Irrigated	13075K
Surgical Tap, 3.75 x 11.5mm, Irrigated	13076K
Surgical Tap, 3.75 x 13mm, Irrigated	13077K
Surgical Tap, 3.75 x 14.5mm, Irrigated	13078K
Intermediate Drill, 4.5 x 8.5mm, Irrigated	13063K
Intermediate Drill, 4.5 x 10mm, Irrigated	13064K
Intermediate Drill, 4.5 x 11.5mm, Irrigated	13065K
Intermediate Drill, 4.5 x 13mm, Irrigated	13066K
Finishing Drill, 4.5 x 8.5mm, Irrigated	13071K
Finishing Drill, 4.5 x 10mm, Irrigated	13072K
Finishing Drill, 4.5 x 11.5mm, Irrigated	13073K
Finishing Drill, 4.5 x 13mm, Irrigated	13074K
Surgical Tap, 4.5 x 8.5mm, Irrigated	13079K
Surgical Tap, 4.5 x 10mm, Irrigated	13080K
Surgical Tap, 4.5 x 11.5mm, Irrigated	13081K
Surgical Tap, 4.5 x 13mm, Irrigated	13082K

Tapered Drill and Tap Set, Non-Irrigated	Catalog No.
Drill and Tap Set, Non-Irrigated	13084K

Non-Irrigated Drill and Tap Set Includes:

Round Marking Bur, 2.3mm	L1405-23-00K
Initial Drill, 2.0mm, Irrigated	13057K
Intermediate Drill, 3.75 x 10mm, Non-Irrigated	14072K
Intermediate Drill, 3.75 x 11.5mm, Non-Irrigated	14073K
Intermediate Drill, 3.75 x 13mm, Non-Irrigated	14074K
Intermediate Drill, 3.75 x 14.5mm, Non-Irrigated	14075K
Finishing Drill, 3.75 x 10mm, Non-Irrigated	13049K
Finishing Drill, 3.75 x 11.5mm, Non-Irrigated	13050K
Finishing Drill, 3.75 x 13mm, Non-Irrigated	13051K
Finishing Drill, 3.75 x 14.5mm, Non-Irrigated	13052K
Surgical Tap, 3.75 x 10mm, Non-Irrigated	14088K
Surgical Tap, 3.75 x 11.5mm, Non-Irrigated	14089K
Surgical Tap, 3.75 x 13mm, Non-Irrigated	14090K
Surgical Tap, 3.75 x 14.5mm, Non-Irrigated	14091K
Intermediate Drill, 4.5 x 8.5mm, Non-Irrigated	14080K
Intermediate Drill, 4.5 x 10mm, Non-Irrigated	14081K
Intermediate Drill, 4.5 x 11.5mm, Non-Irrigated	14082K
Intermediate Drill, 4.5 x 13mm, Non-Irrigated	14083K
Finishing Drill, 4.5 x 8.5mm, Non-Irrigated	13053K
Finishing Drill, 4.5 x 10mm, Non-Irrigated	13054K
Finishing Drill, 4.5 x 11.5mm, Non-Irrigated	13055K
Finishing Drill, 4.5 x 13mm, Non-Irrigated	13056K
Surgical Tap, 4.5 x 8.5mm, Non-Irrigated	14092K
Surgical Tap, 4.5 x 10mm, Non-Irrigated	14093K
Surgical Tap, 4.5 x 11.5mm, Non-Irrigated	14094K
Surgical Tap, 4.5 x 13mm, Non-Irrigated	14095K

tapered implant drills & taps

For recommended drill sequences and details on depth markings, refer to page 37.

Round Bur and Initial Drill for Tapered Implants

- Round Bur is used for marking the implant site prior to beginning the drilling sequence.
- Initial Drill is the first drill used for all RENOVA Tapered Implants.

	Item	Catalog No.
	Round Marking Bur, 2.3mm	L1405-23-00K
	2.0mm, Irrigated (for Tapered Implants)	13057K

Tapered Implant Drills

- Specific drill is used for each implant size.
- Available for use with either internal or external irrigation.

Tapered Intermediate Drills



Intermediate Drills	Catalog No.
3.75 x 10mm, Irrigated	13059K
3.75 x 11.5mm, Irrigated	13060K
3.75 x 13mm, Irrigated	13061K
3.75 x 14.5mm, Irrigated	13062K
3.75 x 10mm, Non-Irrigated	14072K
3.75 x 11.5mm, Non-Irrigated	14073K
3.75 x 13mm, Non-Irrigated	14074K
3.75 x 14.5mm, Non-Irrigated	14075K



Intermediate Drills	Catalog No.
4.5 x 8.5mm, Irrigated	13063K
4.5 x 10mm, Irrigated	13064K
4.5 x 11.5mm, Irrigated	13065K
4.5 x 13mm, Irrigated	13066K
4.5 x 8.5mm, Non-Irrigated	14080K
4.5 x 10mm, Non-Irrigated	14081K
4.5 x 11.5mm, Non-Irrigated	14082K
4.5 x 13mm, Non-Irrigated	14083K

Tapered Finishing Drills



Finishing Drills	Catalog No.
3.75 x 10mm, Irrigated	13067K
3.75 x 11.5mm, Irrigated	13068K
3.75 x 13mm, Irrigated	13069K
3.75 x 14.5mm, Irrigated	13070K
3.75 x 10mm, Non-Irrigated	13049K
3.75 x 11.5mm, Non-Irrigated	13050K
3.75 x 13mm, Non-Irrigated	13051K
3.75 x 14.5mm, Non-Irrigated	13052K



Finishing Drills	Catalog No.
4.5 x 8.5mm, Irrigated	13071K
4.5 x 10mm, Irrigated	13072K
4.5 x 11.5mm, Irrigated	13073K
4.5 x 13mm, Irrigated	13074K
4.5 x 8.5mm, Non-Irrigated	13053K
4.5 x 10mm, Non-Irrigated	13054K
4.5 x 11.5mm, Non-Irrigated	13055K
4.5 x 13mm, Non-Irrigated	13056K

tapered implant drills & taps

Tapered Finishing Drills without Drill Stops (optional)

- Used when deeper implant placement is desired.
- Alternative to the Tapered Finishing Drills with Drill-Stops.
- Internally irrigated.



Item	Catalog No.
3.75 x 10mm, Irrigated	13088K
3.75 x 11.5mm, Irrigated	13089K
3.75 x 13mm, Irrigated	13090K
3.75 x 14.5mm, Irrigated	13091K



Item	Catalog No.
4.5 x 8.5mm, Irrigated	13092K
4.5 x 10mm, Irrigated	13093K
4.5 x 11.5mm, Irrigated	13094K
4.5 x 13mm, Irrigated	13095K

Tapered Surgical Taps

- For pre-tapping bone prior to tapered implant placement.
- Latch-type tap can be used in a handpiece or can be operated manually when used with the Surgical Ratchet (L1702-01K) and Ratchet/Tap Adapter (L1806-05K).
- Tapping is required in Type I and II dense bone and is optional in Type III bone. Pre-tapping in Type IV bone is NOT recommended.



Item	Catalog No.
3.75 x 10mm, Irrigated	13075K
3.75 x 11.5mm, Irrigated	13076K
3.75 x 13mm, Irrigated	13077K
3.75 x 14.5mm, Irrigated	13078K
3.75 x 10mm, Non-Irrigated	14088K
3.75 x 11.5mm, Non-Irrigated	14089K
3.75 x 13mm, Non-Irrigated	14090K
3.75 x 14.5mm, Non-Irrigated	14091K



Item	Catalog No.
4.5 x 8.5mm, Irrigated	13079K
4.5 x 10mm, Irrigated	13080K
4.5 x 11.5mm, Irrigated	13081K
4.5 x 13mm, Irrigated	13082K
4.5 x 8.5mm, Non-Irrigated	14092K
4.5 x 10mm, Non-Irrigated	14093K
4.5 x 11.5mm, Non-Irrigated	14094K
4.5 x 13mm, Non-Irrigated	14095K

surgical kit for RENOVA straight implants

RENOVA Straight Surgical Kit

The RENOVA Straight (parallel walled) Implant Surgical Kit contains the instrumentation needed to place RENOVA 3.75 and 4.75mm Straight Implants. The RENOVA Straight Implant Surgical Kit includes Non-Irrigated drills and taps.

Straight Surgical Kit	Catalog No.
RENOVA Straight Surgical Kit	13010K

Straight Surgical Kit Includes:

Round Marking Bur, 2.3mm	L1405-23-00K	Locking Drill Extender	L1404-01K
Initial Drill, 2.0mm, Non-Irrigated	13058K	Hand Adapter	L1406-02K
Twist Drill, 2.35 x 11.5mm, Non-Irrigated	13031K	Handpiece Adapter	L1406-01K
Twist Drill, 2.35 x 16mm, Non-Irrigated	13032K	Hex Driver, .048", Latch-Type, Short	L1400-48-23K
Twist Drill, 2.8 x 11.5mm, Non-Irrigated	13033K	Hex Driver, .048", Swivel, Short	R9121K
Twist Drill, 2.8 x 16mm, Non-Irrigated	13034K	Hex Driver, .048", Swivel, Long	R9122K
Twist Drill, 3.25 x 11.5mm, Non-Irrigated	13035K	NP Placement Head, 3.5mm, SDI	10585K
Twist Drill, 3.25 x 16mm, Non-Irrigated	13036K	NP Placement Head, 3.5mm, RDI	10587K
Pilot Drill, 3.25/4.25mm, Irrigated	13037K	Parallel Pins, 2.0mm (2-pack)	10028K
Twist Drill, 4.25 x 11.5mm, Non-Irrigated	13038K	Ratchet Adapter, 8mm	L1806-04K
Twist Drill, 4.25 x 16mm, Non-Irrigated	13039K	Ratchet/Tap Adapter, 12mm	L1806-05K
Countersink Drill, 3.75mm, Non-Irrigated	13040K	Ratchet Extender, Short and Long	L1703-01K
Countersink Drill, 4.75mm, Non-Irrigated	13041K	Stabilizing Wrench	L1709-01K
Surgical Tap, 3.75 x 11.5mm, Non-Irrigated	13042K	Surgical Ratchet	L1702-01K
Surgical Tap, 3.75 x 16mm, Non-Irrigated	13043K	Component Pack	L1812-02K
Surgical Tap, 4.75 x 11.5mm, Non-Irrigated	13044K	Grommet Plugs (2 packs of 10)	L1804-01K
Surgical Tap, 4.75 x 16mm, Non-Irrigated	13045K	Straight Implant Sizing Overlays 100% & 125%	13097K
Depth Gauge, 2.35mm	10589K	Surgical & Restorative Guide	MK40044
Conversion handle for Latch Instruments	L1407K	Wall Chart	4409-0057
Direct-to-Implant Ratchet Adapter, Long, SDI	10591K	Drill Usage Chart	4409-0114
Direct-to-Implant Ratchet Adapter, Long, RDI	10593K		

straight implant drills

For recommended drill sequences and details on drill depth markings, refer to page 38.

Round Bur and Initial Drill for Straight Implants

- Round Bur is used for marking the implant site prior to beginning the drilling sequence.
- Initial Drill is the first drill used for all Straight Implants.

	Item	Catalog No.
	Round Marking Bur, 2.3mm	L1405-23-00K
	2.0mm, Non-Irrigated (for Straight Implants)	13058K

Drills for Straight Implants

- Non-Irrigated.
- Offered in 2 lengths:
Short – for Straight Implants up to 11.5mm
Long – for Straight Implants up to 16mm

	Drills	Catalog No.
	2.35 x 11.5mm	13031K
	2.35 x 16mm	13032K
	2.8 x 11.5mm	13033K
	2.8 x 16mm	13034K
	3.25 x 11.5mm	13035K
	3.25 x 16mm	13036K
	4.25 x 11.5mm	13038K
	4.25 x 16mm	13039K

Pilot Drill

- Internally Irrigated.

	Pilot Drill	Catalog No.
	3.25/4.25 Pilot Drill	13037K

Countersink Drills

- Contours ridge prior to placing 3.75mm and 4.75mm Straight Implants, allowing implant and cover screw placement at or below the surrounding bone level.
- Non-Irrigated.

	Countersink Drills	Catalog No.
	3.75mm	13040K
	4.75mm	13041K

straight implant taps & surgical instrumentation

Straight Surgical Taps

- For pre-tapping bone prior to implant placement.
- Tap can be used in a handpiece or can be operated manually when used with the Surgical Ratchet (L1702-01K) and Ratchet/Tap Adapter (L1806-05K).
- Non-Irrigated.
- Offered in 2 lengths:
Short – for Straight Implants up to 11.5mm
Long – for Straight Implants up to 16mm



Surgical Taps	Catalog No.
3.75 x 11.5mm, Non-Irrigated	13042K
3.75 x 16mm, Non-Irrigated	13043K

Surgical Taps	Catalog No.
4.75 x 11.5mm, Non-Irrigated	13044K
4.75 x 16mm, Non-Irrigated	13045K

Depth Gauge

- Verifies depth of the surgical site.
- Depth marks correspond to implant lengths.

	Depth Gauge	Catalog No.
	2.35mm (for Straight Implants)	10589K

Parallel Pins

- Used as a visual guide during surgery to help ensure parallel implant placement.

	Parallel Pins	Catalog No.
	2.0mm for Tapered & Straight Implants (2-pack)	10028K
	2.35/2.8mm for Straight Implants (2-pack)	13029K

Surgical Ratchet, Adapter and Extenders

- Ratchet is used for manual operation of Surgical Taps and/or final tightening of the implant.
- Ratchet Extenders enable clearance of adjacent teeth.

	Item	Catalog No.
	Surgical Ratchet	L1702-01K
	Ratchet Adapter, 8mm (for NP Placement Heads)	L1806-04K
	Ratchet/Tap Adapter, 12mm (for NP Placement Heads & Latch-Type Surgical Taps)	L1806-05K
	Ratchet Extender, Short & Long (to extend the Ratchet Adapters)	L1703-01K
	Replacement O-Rings for Ratchet Adapter (4-pack)	L1806-03K

Narrow Profile (NP) Placement Heads

- Narrow design improves intra-oral access during implant placement.
- Color anodized for easy identification of implant/placement head junction.
- External flats correspond to the flats of the implants internal hex for easy indexing.

Instrumentation Required:

- .048" Hex Driver (page 27) or a slot driver.



Placement Heads	Catalog No.
3.5mm Placement Head	10585K
5.5mm Placement Head	10586K
3.5mm Placement Head	10587K
5.5mm Placement Head	10588K

Direct-to-Implant Ratchet Adapters

- Connects directly to RENOVA Tapered and Straight Implant prosthetic connections for adjusting implant insertion depth during first stage surgery.
- Used in conjunction with the Surgical Ratchet.



Ratchet Adapters	Catalog No.
3.75mm Adapter, Short	10590K
3.75mm Adapter, Long	10591K
4.5/4.75mm Adapter, Short	10592K
4.5/4.75mm Adapter, Long	10593K

Stabilizing Wrench

- For use only with Narrow Profile (NP) Placement Heads.
- Use open or closed end to stabilize the implant during loosening of the placement head screw.
- Features a special pin to engage the Ratchet Adapter (L1806-04K) and stabilize the implant during manual placement.



Item	Catalog No.
Stabilizing Wrench	L1709-01K

Handpiece Adapter (for NP Placement Head)

- Inserts into the handpiece and connects to the RENOVA NP Placement Head for motor driven implant placement.



Item	Catalog No.
Handpiece Adapter	L1406-01K
Handpiece Adapter, Long	L13085K

Conversion Handle for Latch-Type Instruments

- Connects to the end of any latch-type instrument or driver for hand operation.
- May be used on the Handpiece Adapter to allow hand delivery and seating of an implant.



Item	Catalog No.
Conversion Handle	L1407K

Hand Adapter (for NP Placement Head)

- Connects to the RENOVA NP Placement Head and carries the implant to the surgical site for hand implant delivery.
- Can also be used to remove the placement head by inserting a hex driver through the top end to loosen the screw and then carry the placement head assembly out of the mouth.

	Item	Catalog No.
	Hand Adapter	L1406-02K

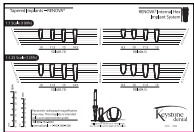
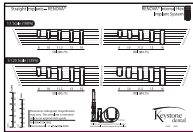
Locking Drill Extender

- Adds 17mm of length to any latch-type drill or driver.
- Useful when drilling or tapping next to adjacent teeth.

	Item	Catalog No.
	Locking Drill Extender	L1404-01K

Implant Sizing Overlays

- Use these transparent overlays with radiographs for pre-surgical assessment and implant selection.
- 100% Sizing Overlay for use with periapical x-rays.
- 125% Sizing Overlay for panoramic radiographs.

	Implant Overlays	Catalog No.
	Tapered Implants, 100% & 125%	13096K
	Straight Implants, 100% & 125%	13097K

Surgical Hand Driver

- Connects to implant placement head for hand-driven implant placement in the anterior region.
- Carrying feature holds the implant when transporting from package to the implant site.

	Item	Catalog No.
	Surgical Hand Driver	L1414-01K

Internal Thread Taps for Implants

- Used to reform the internal threads of an implant if cross-threading has occurred.
- RENOVA implants feature an M1.8 internal thread.

	Item	Catalog No.
	Internal Thread Tap	13046K

torque wrenches

Accu-Torque Wrenches

- Pre-calibrated wrenches precisely deliver 20Ncm or 30Ncm of torque.
- Use with Accu-Torque Driver Tips listed on pages 27-28.
- Conversion Handle allows use of Accu-Torque Driver Tips and Ratchet Adapters as hand drivers.

	Item	Catalog No.
	Accu-Torque Wrench, 20Ncm	ISS1101K
	Accu-Torque Wrench, 30Ncm	ISS1102K
	Conversion Handle for Accu-Torque Driver Tips and Ratchet Adapters, Swivel Head	ISS1112K
	Replacement O-Rings for Accu-Torque Drivers (6-pack)	ISS1111K

Torque Wrench Care & Maintenance

Cleaning and Sterilization:

- Before initial use and after each procedure, clean the torque wrench with wet towel or disinfectant wipe. Rinse under warm tap water and wipe dry.
- Before sterilization, spray an approved (handpiece type) instrument lubricant into the opening at the back of the wrench.
- Sterilize with the handle in the broken position.
- Wrench may be sterilized by steam autoclave.
- Always use the dry cycle.
- Do not use "Flash Sterilization" techniques.
- After sterilization, reset the torque break handle, then manually "break" the hinge again to ensure the wrench is operating correctly.

Calibration:

For proper function and accurate control, Accu-Torque Wrenches should be calibrated every 6 months (or after 100 autoclave cycles). For calibration or repair, wrenches should be sent directly to:

Micromotor Repair Station
2361 McGraw Avenue
Irvine, CA 92614 USA
800-562-6204
Outside the U.S.: +1-714-546-4045

.048" Hex Drivers

- Used for Placement Head Screws, Cover Screws, Healing Caps and Abutment Screws.
- Tapered hex tip allows screws to be carried to the implant site.

	Item	Catalog No.
	.048" Swivel Head, Short (8mm shaft/19mm total length)	R9121K
	.048" Swivel Head, Long (13mm shaft/24mm total length)	R9122K
	.048" Latch-Type, Short (23mm total length)	L1400-48-23K
	.048" Latch-Type, Long (28mm total length)	L1400-48-28K
	.048" Driver Tip for Accu-Torque Wrench, Short (8mm shaft)	ISS1104K
	.048" Driver Tip for Accu-Torque Wrench, Long (15mm shaft)	ISS1109K

.062" Hex Drivers

- Used for Fixed Detachable Abutments.
- Tapered hex tip allows screws to be carried to the implant site.

	Item	Catalog No.
	.062" Swivel Head, Short (8mm shaft/19mm total length)	L2100-62-19K
	.062" Swivel Head, Long (13mm shaft/24mm total length)	L2100-62-24K
	.062" Latch-Type, Short (23mm total length)	L1400-62-19K
	.062" Latch-Type, Long (28mm total length)	L1400-62-23K
	.062" Driver Tip for Accu-Torque Wrench, Short (8mm shaft)	ISS1119K
	.062" Driver Tip for Accu-Torque Wrench, Long (15mm shaft)	ISS1120K

drivers & other products

Overdenture Abutment Drivers

- Used for Snap Abutments.

	Item	Catalog No.
	Swivel Head, Short (8mm shaft)	L2100-96-19K
	Latch-Type, Short (23mm total length)	L1404-96-20K
	Driver Tip for Accu-Torque Wrench (8mm shaft)	L2101-96-16K

Hader Bar & Clip System

- A simple, effective bar system featuring a castable bar pattern and nylon clips, which are processed into the prosthesis.
- Mechanical snap retention.

	Item	Catalog No.
	Hader Castable Bar and Clip System (includes 1 Hader Bar, 6 Processing Clips, 6 Final Clips and 1 Seating Tool)	ISS185HK
	Hader Castable Bar	ISS185BK
	Hader Processing Clips (6-pack)	ISS185HPK
	Hader Final Clips (6-pack)	ISS185HRK
	Hader Clip Seating Tool	ISS185TK
	Hader Metal Housing Clips (6-pack)	ISS526HK

Surgical Trays without Instrumentation

- Replacement surgical kit without instrumentation or component pack.

Item	Catalog No.
Tapered Surgical Tray without Instrumentation	13099K
Straight Surgical Tray without Instrumentation	13098K

Component Pack

- Organizes small surgical or restorative components.
- Autoclavable design with slide lid.
- Interlocks into the base of the Surgical Kit.

	Item	Catalog No.
	Component Pack	L1812-02K

ImplantMED Surgical Motor:

- Reliable and simple to use.
- Only one 20:1 handpiece needed for drilling, tapping and implant placement.
- Accommodates internal and/or external irrigation.
- Constant torque control (variable from 5 to 50Ncm).
- Full one-year warranty.

The ImplantMED Package includes:

- ImplantMED Surgical Motor including (Catalog No. WH-SI915):
 - Sterile Irrigation Tubing, 5-Pack
 - Irrigation Spike with Roller Clamp
 - Spray Cap (for service oil)
- Testing Gauge for Latch-Type Instruments (Catalog No. WH-21398)
- Service Oil (Catalog No. WH-1094)



Please contact W&H Customer Service at 1-800-265-6277 for all W&H ImplantMED and W&H Handpiece services including; technical support, handpiece servicing and warranty claims.

ImplantMED Surgical Motor & Accessories*

Item	Catalog No.
ImplantMED Surgical Motor Unit	WH-SI915
20:1 Reduction Contra-Angle Handpiece - for implant surgery (15-2,000 rpm)	WH-WI75E
1:1 High Speed Straight Handpiece - for oral surgery (300-40,000 rpm)	WH-S11
2:1 Contra-Angle Handpiece - for endodontics	WH-WD79M
Irrigation Spike with Roller Clamp (for use with ImplantMED Motor)	WH-28554R
Irrigation Tubing, Sterile (10-pack)	WH-9293
Irrigation Pump Tubing with Connectors	WH-40139
Irrigation Pump Tubing without Connectors, (3-pack)	WH-40140
Irrigation Tubing Clips (5-pack)	WH-40190
Irrigation Needle (for use with internally irrigated drills)	WH-26105
Y-Connector	WH-26539
Y-Tubing	WH-26547
Testing Gauge (for latch-type instrument shanks)	WH-21398
Travel Case	WH-CASE
Service Oil, 400ml (Special shipping & handling required [aerosol can]. Contact Client Service for shipping rates.)	WH-1094
Sterilization Protector	WH-40326
Sterilization Case	WH-40135
Spray Cap (replacement)	WH-20382

* ImplantMED is available only in the United States.

DynaBlast™ Demineralized Bone Matrix with Cancellous Bone

A composite graft product that combines osteoinductive and osteoconductive elements in a proprietary, reverse phase medium. This powerful 2-in1 solution combines:

- Demineralized bone, which stimulates new bone growth, and
- Cancellous chips, which provide a natural structural scaffold to encourage the attachment of osteogenic precursor cells.

Available in both putty and paste, DynaBlast can be used either alone or as a bone graft extender indicated for augmentation or reconstructive treatment of the alveolar ridge.

DYNA **BLAST**



Item	Catalog No.
DynaBlast paste 0.5cc	10.210.1050
DynaBlast paste 1.0cc	10.210.1060
DynaBlast paste 3.0cc	10.210.1070

Item	Catalog No.
DynaBlast putty 1.0cc	10.220.1030
DynaBlast putty 2.5cc	10.220.1040
DynaBlast putty 5.0cc	10.220.1050

DynaGraft•D™ Osteoinductive Dental Bone Graft Substitute

A unique graft substitute composed of a high content of human Demineralized Bone Matrix (DBM) in reverse phase medium that is designed to stimulate natural bone formation. Available in putty or gel form. DynaGraft•D can be used either alone or as a bone graft extender indicated for augmentation or reconstructive treatment of the alveolar ridge.

Item	Catalog No.
DynaGraft•D gel 0.5cc	10.110.1050
DynaGraft•D gel 1.0cc	10.110.1060
DynaGraft•D gel 5.0cc	10.110.1070

Item	Catalog No.
DynaGraft•D putty 1.0cc	10.120.1050
DynaGraft•D putty 2.5cc	10.120.1060
DynaGraft•D putty 5.0cc	10.120.1070

DynaBlast and DynaGraft•D should be stored at room temperature (15° C to 30° C) in a clean, dry place. Do not refrigerate, freeze or expose to extreme heat. DynaBlast and DynaGraft•D are made from human bone. As biological materials, some variations in the product should be expected, such as in appearance and in handling.

DYNA GRAFT•D



DynaMatrix™ Extracellular Membrane

DynaMatrix is a biological extracellular membrane (ECM) that contains two of the three essential biological components required for healing:

- Matrix scaffold
- Signals, which are growth factors and ECM cell receptor-mediated binding sites

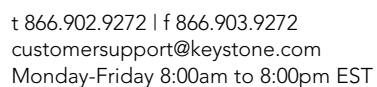
Once implanted, these components work together to stimulate the recruitment of the body's cells, which in turn become the third component critical to healing.

- Combines remarkable strength and flexible handling.
- Can be cut, rolled or folded to accommodate defect site requirements.
- Pliable enough to facilitate handling, yet strong enough to be sutured or tacked.



Item	Catalog No.
DynaMatrix 15 x 20mm, single pack	10.401.1520
DynaMatrix 20 x 30mm, single pack	10.401.2030
DynaMatrix 30 x 40mm, single pack	10.401.3040

Item	Catalog No.
DynaMatrix 15 x 20mm, five pack	10.405.1520
DynaMatrix 20 x 30mm, five pack	10.405.2030
DynaMatrix 30 x 40mm, five pack	10.405.3040



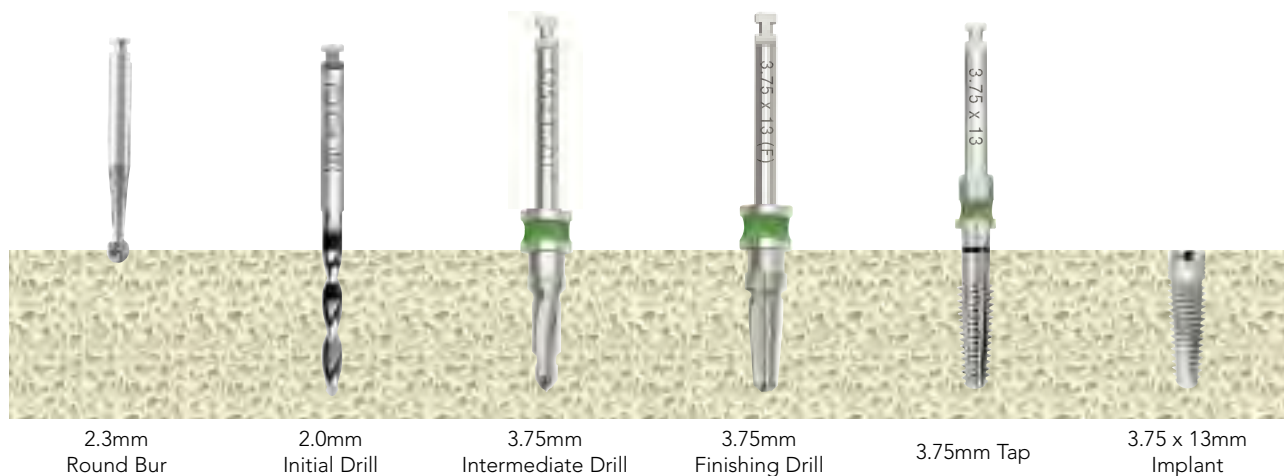
Order #	Account #
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SHIP TO		BILL TO	
Date	P.O. #	Name	
Name		Address	
Address		City	
City		State/Country	
State/Country		Zip/Postal Code	
Zip/Postal Code		Phone #	
Phone #		Credit Card (type)	
Specialty		Card #	Exp.
Desired Delivery Date		Credit Card Billing Address	
Comments		City	State Zip

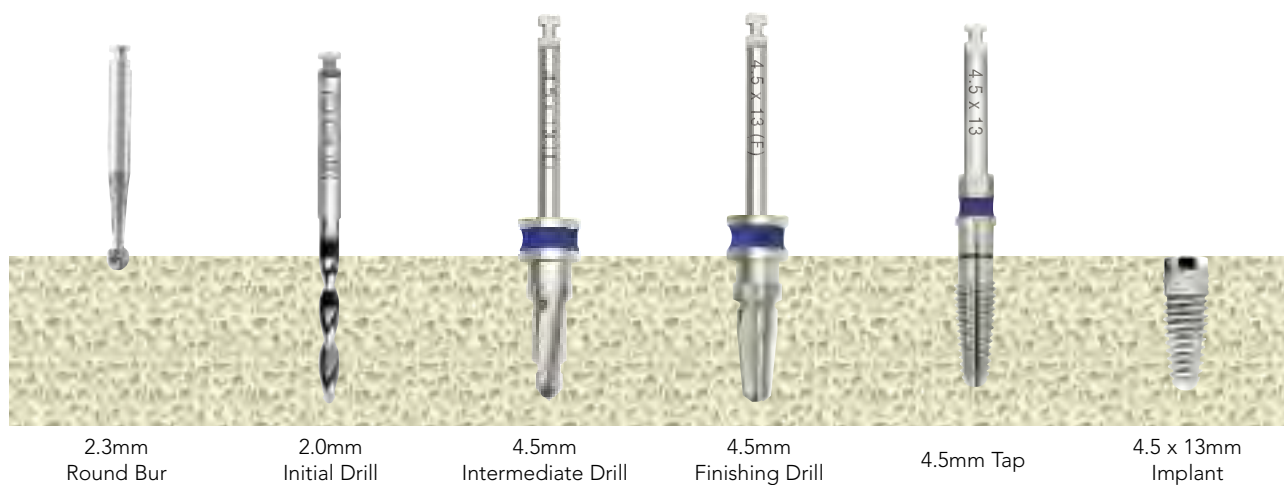
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RENOVA tapered drill sequence chart

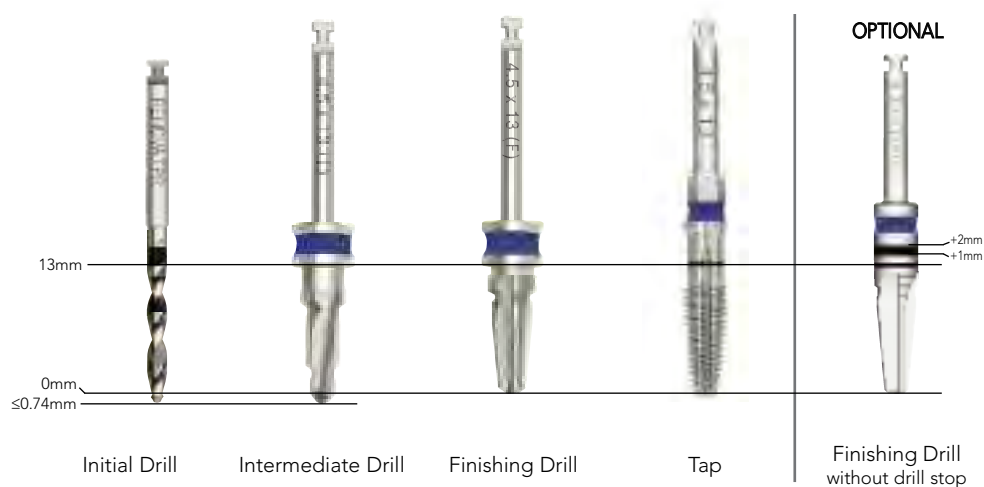
SDI 3.75mm RENOVA Tapered Implant



RDI 4.5mm RENOVA Tapered Implant



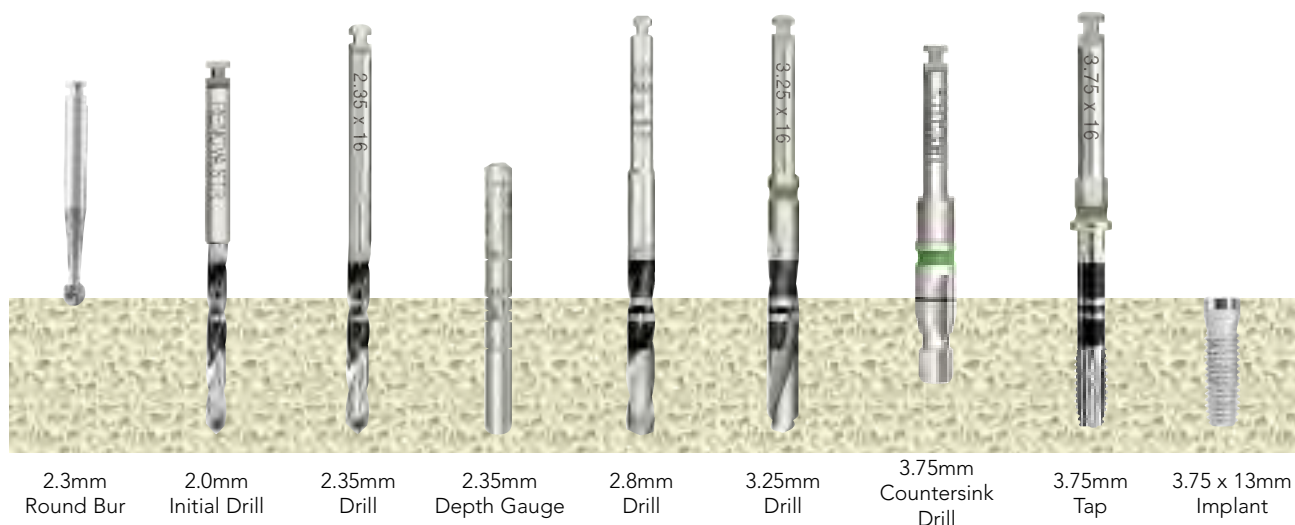
Depth Marking System (for Tapered Implants)



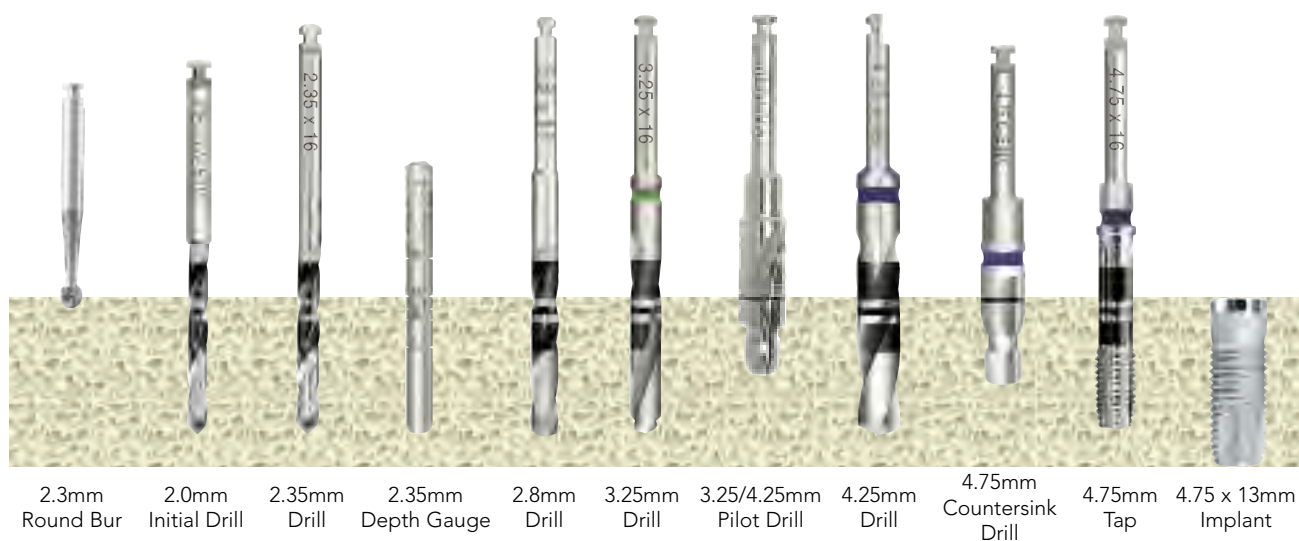
NOTE: Drill stops and bands reference the insertion depth for the corresponding implant length.

RENOVA straight drill sequence chart

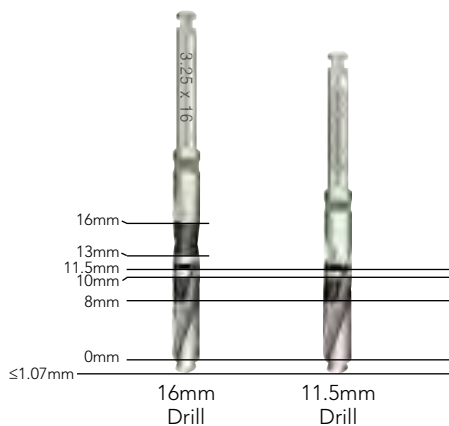
SDI 3.75mm RENOVA Straight Implant



RDI 4.75mm RENOVA Straight Implant



Depth Marking System (for Straight Implants)



NOTE: Drill bands reference the insertion depth for the corresponding implant length and do not indicate actual millimeter drill length.

ordering and warranty information

PRICING: Prices are subject to change without notice.

PAYMENT TERMS AND OPTIONS (U.S. ONLY): Prepayment for first-time orders may be required. For your convenience, we accept VISA, MasterCard, and American Express. Please remit invoice payments by check to: Keystone Dental, Inc., P.O. Box 731027, Dallas, TX 75373-1027. A \$20.00 fee will be applied to your account for any returned checks.

SHIPPING INFORMATION: Orders shipped within the continental U.S. are normally sent by second day delivery, unless otherwise specified. Please be sure to include a street address and phone number. Shipments sent outside the continental U.S. are sent by air courier.

RUSH ORDERS: Overnight delivery services, within the U.S., are available at additional cost. Please contact Keystone Dental's Customer Service Department for assistance. Additional freight options include Ground, Second Day Air, Next Day P.M. or Next Day A.M. (where available).

MEDICAL DEVICE REPORTING: If you experience a problem with a Keystone Dental product that you believe falls within the scope of the Medical Device Reporting regulations, please contact Keystone Dental's Customer Service Department immediately for shipping instructions. Product exposed to blood or bodily fluids must be properly labeled for safe shipment and handling.

LIMITED LIFETIME WARRANTY: Keystone Dental offers a Limited Lifetime Warranty on implants and restorative components. For information, please contact Keystone Dental's Customer Service Department.

GENERAL LIMITED WARRANTY: Keystone Dental warrants that its products will be free from defects in material and/or workmanship and shall be of merchantable quality. This warranty applies only to the original purchaser. In the event of a defect, please notify Keystone Dental's Customer Service Department of the defect prior to returning product. Keystone Dental also offers a Limited Lifetime Warranty on implants and restorative components. Keystone Dental makes no other warranties, express or implied, except as set forth above. Please contact Keystone Dental's Customer Service Department for full details.

LIMITATIONS: Purchaser assumes all risks and liability resulting from the use of these products, whether used separately or in combination with other products not manufactured for or by Keystone Dental, Inc. Keystone Dental strongly recommends completion of postgraduate dental implant education and strict adherence to the procedures outlined on the instructions for use when they accompany our product. Keystone Dental continually strives to improve its products and therefore reserves the right to improve, modify or discontinue products at any time, or to change specifications without notice and without incurring obligations.

RETURN/EXCHANGE POLICY: To return an item, contact Keystone Dental's Customer Service Department for a Return Material Authorization (RMA) number. No product returns will be accepted without an RMA number. Returned product must be unexpired, unopened, undamaged and be received as follows:

- Within 60 days of the invoice date, Keystone Dental will offer full credit of the initial purchase price.
- At 61-120 days from the invoice date, Keystone Dental will accept return product for exchange OR for credit less a processing fee equal to 15% of the list price.
- At 121-180 days from the invoice date, Keystone Dental will accept return product for exchange only.
- At 181-360 days from the invoice date, Keystone Dental will accept return product for exchange only, less a processing fee equal to 15% of the list price.

Keystone Dental will not accept product for return or exchange beyond 360 days from the invoice date. Due to the nature of the products, Keystone Dental has a strict NO RETURN policy on all regenerative (bone grafting & membrane) products. Credit will not be issued for product(s) originally from Kits, Packs, Sets, or if the original invoice included the items at no charge. Cash refunds cannot be issued for returns purchased by credit card. Credit for such returns will be applied to the purchaser's credit card account. For product returns because of defective products or items under warranty, please contact Keystone Dental's Customer Service Department.

DRIVER AND SURGICAL INSTRUMENT WARRANTY: Keystone Dental recommends that drivers and other instruments be replaced when worn, corroded, dull or otherwise compromised. Keystone Dental warrants its drivers and other surgical instruments to be free from defects in material and workmanship for six months. If the warranted driver or instrument fails within the first six months, the purchaser is to notify Keystone Dental's Customer Service Department prior to returning the product. Keystone Dental will, at its option, either repair, replace or issue credit for the defective item. Accidental misuse, inappropriate installations or failure to follow manufacturer's directions voids the warranty. This warranty does not include Surgical Drills and Torque Wrenches as they are covered under separate warranties. No product will be accepted at Keystone Dental without a Return Material Authorization number.

SURGICAL DRILL AND TORQUE WRENCH WARRANTY: Keystone Dental warrants its drills and torque wrenches to be free from defects in material and workmanship 90 (ninety) days from the date of the original invoice. If the warranted driver or instrument fails within the first ninety days, the purchaser is to notify Keystone Dental's Customer Service Department prior to returning the product. Keystone Dental will, at its option, either repair or replace the defective item. Accidental misuse, inappropriate installations or failure to follow manufacturer's directions voids the warranty. Keystone Dental's Surgical Manual recommends drills be replaced when worn, corroded, dull, or otherwise compromised. Drills should be replaced after approximately 20 uses (depending on bone density), or every six months, whichever comes first. No product will be accepted at Keystone Dental without a Return Material Authorization number.

W&H HANDPIECE AND MOTOR WARRANTY: W&H (Impex Worldwide, Inc.) warrants handpieces and motors for one year to be free of defects in the materials and workmanship. W&H's sole obligation under this product warranty is, at its discretion, to repair or replace any defective component or product in part or whole. Accidental misuse, inappropriate installations, use of inappropriate lubrication, or failure to follow the care and maintenance instructions voids the warranty. In the event of an alleged defect under warranty and continued service after the warranty period, please contact W&H Client Service at: 1-800-265-6277.

The W&H Motor System is available from Keystone Dental only in the United States.

Trademark Acknowledgements

Prima, PrimaConnex, PrimaSolo, RENOVA, RESTORE, STAGE-1, DynaBlast, DynaGraft•D, DynaMatrix, CALMATRIX, CALFORMA, TEFGEN-FD, TEFGEN-PLUS, TEFGEN and TiLobe are trademarks of Keystone Dental, Inc.



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US 5,996,779, US 6,142,296, US 7,249,949, and applicable international patents.
Additional patents are pending