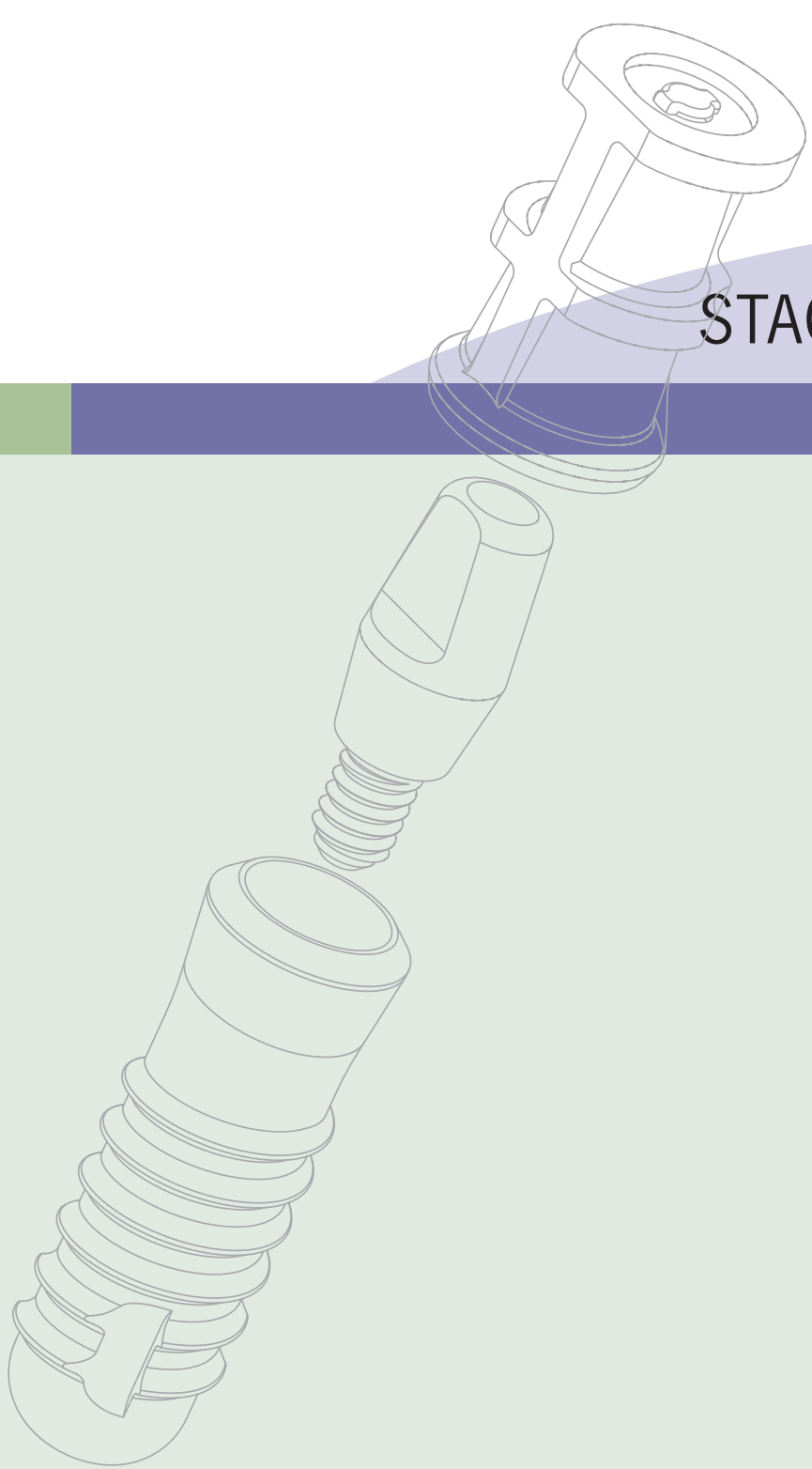


An exploded view diagram of the STAGE-1 Implant System. It shows three main components: a top abutment with a hexagonal base and a circular top with a central hole; a middle connector with a hexagonal top and a threaded bottom; and a bottom implant with a hexagonal top and a long, threaded body. The components are arranged vertically, showing how they fit together.

STAGE-1[®] Implant System

Product Catalog

Contact Us:

Phone: 866-902-9272 or 781-328-3490
Fax: 866-903-9272 or 781-328-3400

Mail: Keystone Dental, Inc.
144 Middlesex Turnpike
Burlington, MA 01803 USA
www.keystonedental.com

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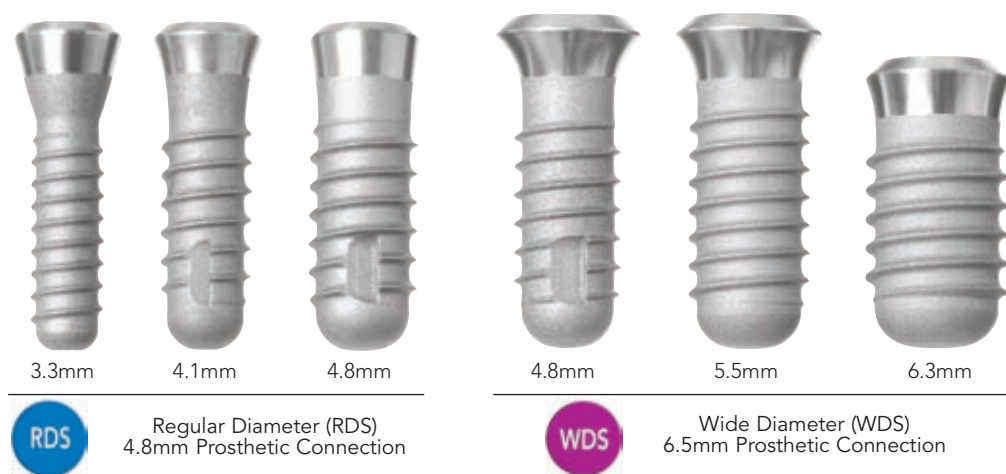
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Product within catalog not necessarily shown to scale and some assembly may be required.
Also, not all products in catalog are available in all countries. Please contact Keystone Dental
for information on product availability.

Caution: Federal law (USA) restricts this device to sale by or on the order of a clinician.

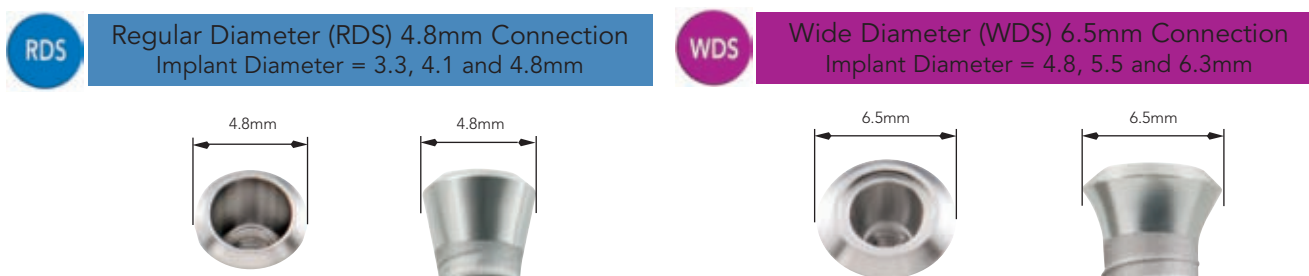
the STAGE-1 system overview & prosthetic table

The STAGE-1 Single Stage Implant System combines the clinical advantages of Keystone Dental's RBM surface and a reliable internal locking prosthetic connection. The STAGE-1 System is designed to simplify the implant procedure for both the clinician and the patient. By eliminating the need for a second surgery, treatment chairtime and patient trauma are reduced. Restoratively, the STAGE-1 System provides esthetic results using simple restorative procedures with minimal components and instrumentation required. STAGE-1 implants are available in diameters of 3.3mm through 6.3mm to permit optimal treatment planning for the specific needs of your patients.



STAGE-1 Prosthetic Tables

STAGE-1 implants are available in two prosthetic connection diameters to expand clinical versatility, stability and strength. Prosthetic components are designated with an RDS or WDS Connection.



The STAGE-1 Regular Diameter (RDS) Implant Connection is compatible with all Straumann ITI Regular Neck Ø4.8mm Implants.

The STAGE-1 Wide Diameter (WDS) Implant Connection is compatible with all Straumann ITI Wide Neck Ø6.5mm Implants.

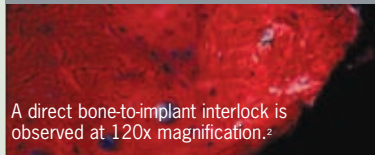
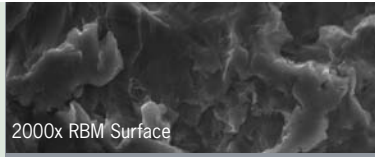
RBM surface & patented implant delivery system

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 titanium implants. *Implant Dentistry*. 10, 126-131.

* Data on file

Patented Implant Delivery System

Ease-of-use features:

- Packaging provides an implant with a color-coded pre-installed placement head delivery to the site using either a handpiece or hand delivery tool.
- Includes a cover screw.
- Confident record management provided by three patient chart labels.



STAGE-1 RBM Implants

Features

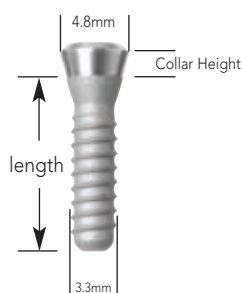
- Locking Morse Taper connection provides superior strength and prosthetic stability.
- Tissue level prosthetic connection improves visibility during abutment seating.
- Internal tapered connection automatically centers abutment during placement.
- Smooth contoured neck for natural emergence profile and soft tissue management.
- RBM Surface for enhanced bone response.

Instrumentation Required:

- STAGE-1 Surgical Kit
- .048" Hex Driver for Cover Screws (page 30)

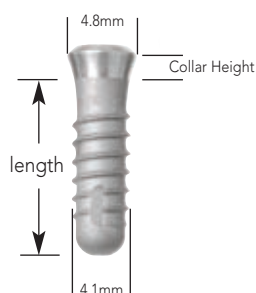
NOTE: See the Drill Sequence Charts on pages 42-43 for more details on required instrumentation.

 = Regular Diameter  = Wide Diameter



RDS

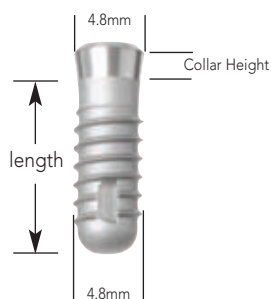
Implant Size	Collar Height	Catalog No.
3.3 x 8mm	1.8mm	RSR3308-2K
3.3 x 10mm	1.8mm	RSR3310-2K
3.3 x 12mm	1.8mm	RSR3312-2K
3.3 x 14mm	1.8mm	RSR3314-2K
3.3 x 8mm	2.8mm	RSR3308-3K
3.3 x 10mm	2.8mm	RSR3310-3K
3.3 x 12mm	2.8mm	RSR3312-3K
3.3 x 14mm	2.8mm	RSR3314-3K



RDS

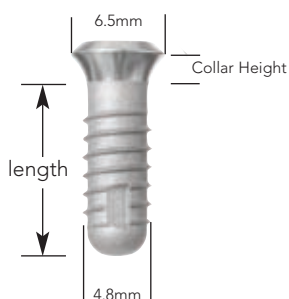
Implant Size	Collar Height	Catalog No.
4.1 x 8mm	1.8mm	RSR4108-2K
4.1 x 10mm	1.8mm	RSR4110-2K
4.1 x 12mm	1.8mm	RSR4112-2K
4.1 x 14mm	1.8mm	RSR4114-2K
4.1 x 16mm	1.8mm	RSR4116-2K
4.1 x 8mm	2.8mm	RSR4108-3K
4.1 x 10mm	2.8mm	RSR4110-3K
4.1 x 12mm	2.8mm	RSR4112-3K
4.1 x 14mm	2.8mm	RSR4114-3K
4.1 x 16mm	2.8mm	RSR4116-3K

RBM implants



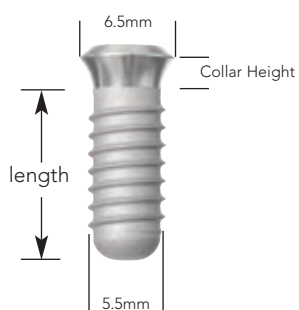
RDS

Implant Size	Collar Height	Catalog No.
4.8 x 8mm	1.8mm	RSR4808-2K
4.8 x 10mm	1.8mm	RSR4810-2K
4.8 x 12mm	1.8mm	RSR4812-2K
4.8 x 14mm	1.8mm	RSR4814-2K
4.8 x 16mm	1.8mm	RSR4816-2K
4.8 x 8mm	2.8mm	RSR4808-3K
4.8 x 10mm	2.8mm	RSR4810-3K
4.8 x 12mm	2.8mm	RSR4812-3K
4.8 x 14mm	2.8mm	RSR4814-3K
4.8 x 16mm	2.8mm	RSR4816-3K



WDS

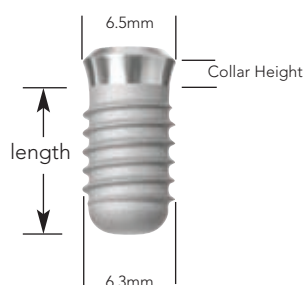
Implant Size	Collar Height	Catalog No.
4.8 x 8mm	1.8mm	RSW4808-2K
4.8 x 10mm	1.8mm	RSW4810-2K
4.8 x 12mm	1.8mm	RSW4812-2K
4.8 x 14mm	1.8mm	RSW4814-2K
4.8 x 8mm	2.8mm	RSW4808-3K
4.8 x 10mm	2.8mm	RSW4810-3K
4.8 x 12mm	2.8mm	RSW4812-3K
4.8 x 14mm	2.8mm	RSW4814-3K



WDS

Implant Size	Collar Height	Catalog No.
5.5 x 8mm	1.8mm	RSW5508-2K
5.5 x 10mm	1.8mm	RSW5510-2K
5.5 x 12mm	1.8mm	RSW5512-2K
5.5 x 14mm	1.8mm	RSW5514-2K
5.5 x 8mm	2.8mm	RSW5508-3K
5.5 x 10mm	2.8mm	RSW5510-3K
5.5 x 12mm	2.8mm	RSW5512-3K
5.5 x 14mm	2.8mm	RSW5514-3K

RBM implants & cover screws



Implant Size	Collar Height	Catalog No.
6.3 x 8mm	1.8mm	RSW6308-2K
6.3 x 10mm	1.8mm	RSW6310-2K



Cover Screw sizes marked for easy identification.

STAGE-1 Cover Screws

- Used to accommodate various tissue depths.
- RDS implants include a 1.5mm Cover Screw.
- WDS implants include a 3.0mm Cover Screw.

Instrumentation Required:

- .048" Hex Driver (page 30)

	Cover Screw Height	Catalog No.
 0.5mm	0.5mm (headless)	S1800-00K
 1.5mm	1.5mm	S1800-15K
 3.0mm	3.0mm	S1800-30K
 4.5mm	4.5mm	S1800-45K

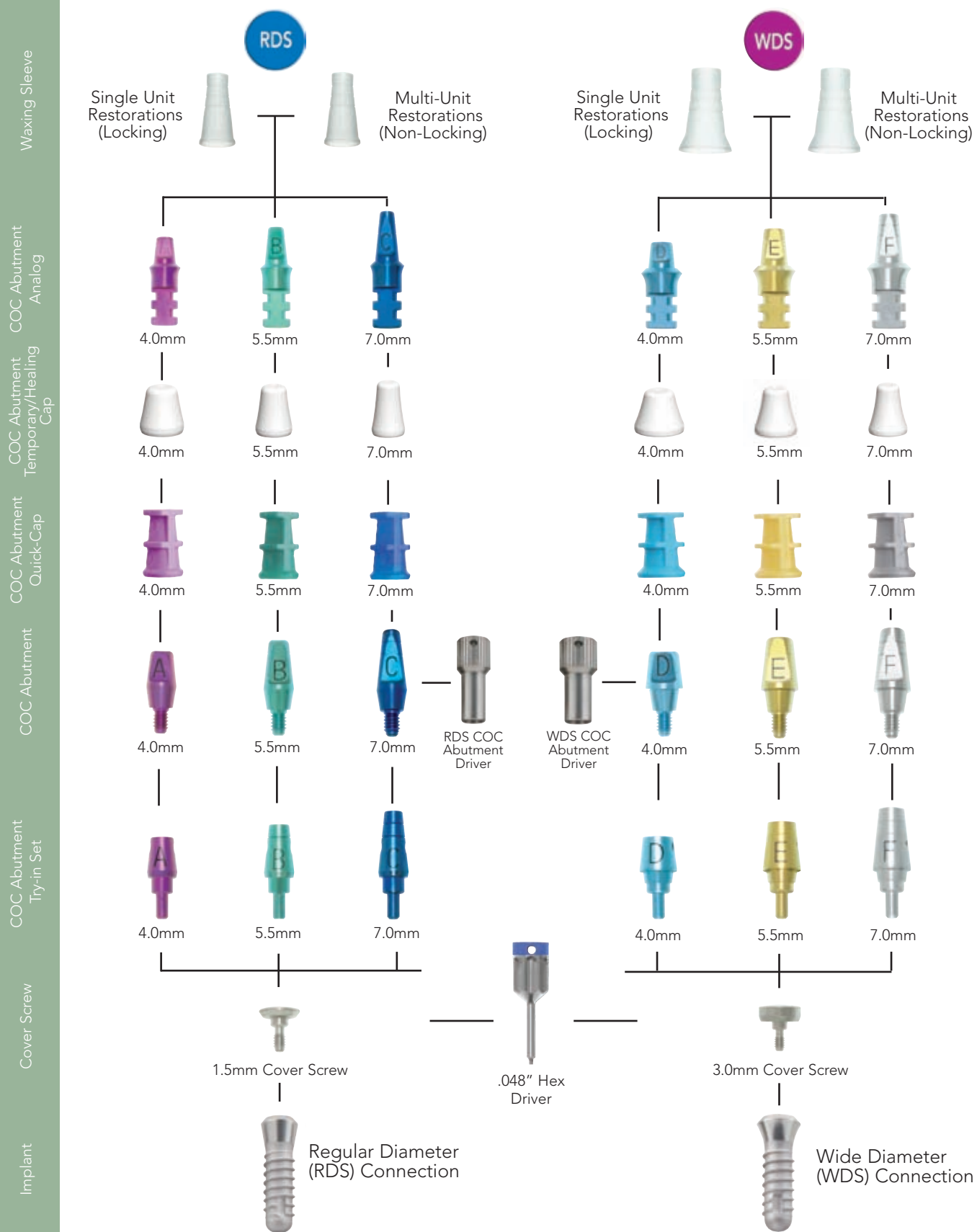


	Cover Screw Height	Catalog No.
 2.0mm	2.0mm	S1806-20K
 3.0mm	3.0mm	S1806-30K
 4.5mm	4.5mm	S1806-45K



cement-retained restorations

Component Selection Guide

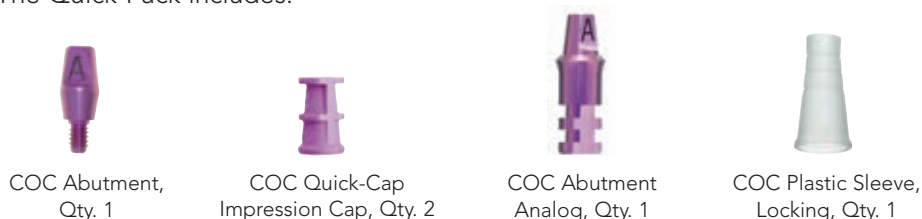


Cement-On Crown (COC) Abutment System

The COC Abutment is used when a cementable restoration is desired. It is available in three heights to accommodate vertical requirements. The Quick-Cap Impression System makes cement-retained restorations easier than ever. Where appropriate, COC components are color-coded and contain a letter designation for easy identification.

Cement-On Crown (COC) Quick-Pack

The STAGE-1 COC Quick-Pack delivers the required components for fabricating a cement-retained restoration in one convenient package. The Quick-Pack includes:



- Three abutment heights virtually eliminate the need for abutment prepping.
- Color-coded components are simple to identify.
- Resealable box ensures easy component transfer among the restorative team members.
- Ideal for referral partnerships.

	COC Quick-Pack	Catalog No.
RDS	4.0mm	S2442-40K
	5.5mm	S2442-55K
	7.0mm	S2442-70K
WDS	4.0mm	S2507-40K
	5.5mm	S2507-55K
	7.0mm	S2507-70K

Individual components purchased in Quick-Packs are not eligible for return. Please see Keystone Dental's Return Policy for details.

Cement-On Crown (COC) Abutment Try-in Set

- Set includes a 4.0, 5.5 and 7.0mm try-in for simplified selection of proper abutment height. Regular Diameter Try-in Set also includes 15° and 20° angled abutment try-ins.
- Horizontal grooves correspond to the 4.0 and 5.5 COC Abutment heights.

	COC Try-In Set					Catalog No.
RDS	4.0mm	5.5mm	7.0mm	15°	20°	RDS Set 42003K
WDS	4.0mm	5.5mm	7.0mm			WDS Set S2503K

cement-retained restorations

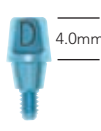
Cement-On Crown (COC) Abutment

- For use in single tooth or multi-unit (splinted) restorations.
- Choice of 4.0, 5.5 and 7.0mm heights minimizes the need for abutment preparation.
- Abutment walls are tapered 6° on each side for increased crown retention.
- The COC Abutment Try-in Set is helpful for selecting the appropriate abutment height.
- Torque recommendation – 30Ncm.

Instrumentation Required:

 = RDS COC Abutment Driver (page 30)

 = WDS COC Abutment Driver (page 30)

		COC Abutment Height	Catalog No.
	 4.0mm	4.0mm	S2432-40-1K
	 5.5mm	5.5mm	S2432-55-1K
	 7.0mm	7.0mm	S2432-70-1K
	 4.0mm	4.0mm	S2501-40-1K
	 5.5mm	5.5mm	S2501-55-1K
	 7.0mm	7.0mm	S2501-70-1K

Cement-On Crown Angled Abutment

- Aids clinicians in obtaining a precision restoration by correcting angulation when the patient's bone geometry does not allow for implants to be placed in an optimal position.
- Titanium nitride coated Abutment Screw included with each Angled Abutment.
- Angled COC Abutment Try-Ins aid in proper angle selection.
- Available for RDS connection only.
- Torque recommendation – 30Ncm.

Instrumentation Required:

- .048" Hex Driver (page 30)

	COC Angled Abutment	Catalog No.
	 7mm 15° with screw	42001K
	 7mm 20° with screw	42002K
	 Angled Abutment Screw	42000K

cement-retained restorations

Cement-On Crown (COC) Custom Prep Abutment

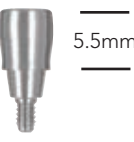
- Preable contoured design permits custom angle correction up to 25 degrees.
- Engages the implant's locking taper connection for single or multi-unit restorations.
- Torque recommendation – 30Ncm.

Technical Considerations:

- It is recommended that bulk abutment reduction be performed outside the mouth using the implant analog as a handle.
- Copious irrigation must be used during in-mouth modifications.
- Implant Analog is used only as an abutment holder during out-of-mouth abutment preparation.

Instrumentation Required:

- .048" Hex Driver (page 30)

	Custom Prep Components		Catalog No.
RDS			7.0mm RDS Abutment
	7.0mm RDS Abutment	Implant Analog	S2435K
WDS			5.5mm WDS Abutment
	5.5mm WDS Abutment	Implant Analog	S2504K
			WDS Implant Analog
			S2505K

Cement-On Crown (COC) Quick-Cap

- Precisely transfers implant and abutment positioning to the laboratory.
- Color-coded to match abutment height.
- External flat identifier for easy alignment with the abutment flat.
- Also functions as a reduction coping.
- Gamma Sterilized.

NOTE: Use only with non-modified COC Abutments. (If modified, take a conventional impression of the abutment.)

	COC Quick-Cap			Catalog No.
RDS				4.0mm (4-pack)
	4.0mm	5.5mm	7.0mm	5.5mm (4-pack)
				7.0mm (4-pack)
WDS				4.0mm (4-pack)
	4.0mm	5.5mm	7.0mm	5.5mm (4-pack)
				7.0mm (4-pack)

cement-retained restorations

Cement-On Crown (COC) Abutment Temporary Cap

- Opaque white color masks the abutment for a more natural looking shade.
- Offers a predictable margin and external geometry for mechanical retention of acrylic.
- Friction fit provides stability while making modifications. Prior to cementation, it is necessary to remove the lip on the Temporary Cap below the shoulder of the implant.
- Gamma Sterilized.

	COC Temporary Cap	Catalog No.
		S2439K
		S2506K

Cement-On Crown (COC) Abutment Temporary/Healing Cap

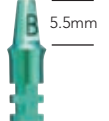
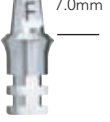
- May be used unmodified as a protective cap during healing phase or bond directly to the cap for simplified temporary crown fabrication.
- White color for esthetics.
- Internal flat matches abutment flat, providing anti-rotation.
- Secured in place with temporary cement.

		COC Healing Cap	Catalog No.
		4.0mm	42021K
		5.5mm	42022K
		7.0mm	42023K
		4.0mm	42024K
		5.5mm	42025K
		7.0mm	42026K

Cement-On Crown (COC) Abutment Analog

- Replicates the COC Abutment for dental laboratory use when the actual abutment has not been modified.

Technical Consideration: Keystone Dental recommends use of COC Abutment Plastic Sleeve for waxing when the COC Abutment has not been modified. When waxing directly to the COC Abutment Analog, apply a die spacer to the analog.

		COC Analog	Catalog No.
		4.0mm	S2433-40-1K
		5.5mm	S2433-55-1K
		7.0mm	S2433-70-1K
		4.0mm	S2502-40-1K
		5.5mm	S2502-55-1K
		7.0mm	S2502-70-1K

cement-retained restorations

Cement-On Crown (COC) Abutment Plastic Sleeve

- Provides a castable waxing pattern for the laboratory for single unit or multi-unit restorations.
- Horizontal grooves correspond to the 4.0, 5.5 and 7.0mm COC Abutments.

NOTE: COC Abutment Plastic Sleeves include a flange which conveniently holds the sleeve onto the analog during waxing procedures. This flange is removed by the laboratory after casting to ensure proper fit of the final restoration. Use the STAGE-1 Reamer Tool, found below, to simplify this procedure.

		COC Plastic Sleeve	Catalog No.
RDS		Locking (Single Unit)	S2437-00-1K
		Non-Locking (Multi-Unit)	S2437-01-1K
WDS		Locking (Single Unit)	S2438-00-1K
		Non-Locking (Multi-Unit)	S2438-01-1K

Cement-On Crown (COC) Reamer Tool

- Two-piece design includes a centering pin which provides consistent alignment of the cutting tool against the casting.
- Carbide for easy cutting efficiency and long wear.
- Designed for use with a handpiece.
- Includes both the Centering Pin and the Reamer Tool.

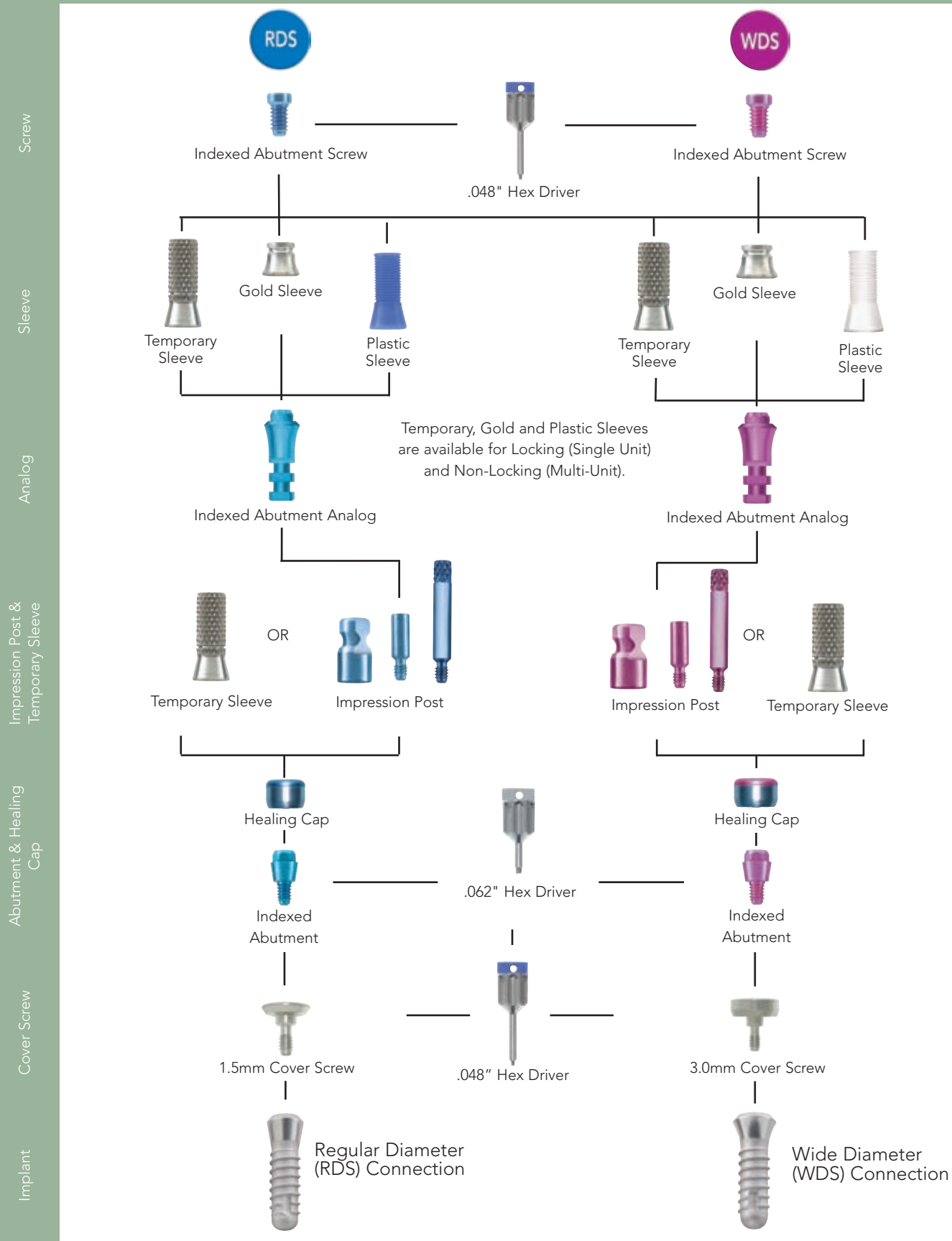
Technical Considerations:

- Used with Regular Diameter (RDS) and Wide Diameter (WDS) Cement-on Crown (COC) Abutment castings, both locking and non-locking.
- DO NOT exceed 15,000 RPM.

		COC Reamer Tool	Catalog No.
RDS		Reamer Tool, RDS	S2440-01K
WDS		Reamer Tool, WDS	S2441-01K

screw-retained restorations

Component Selection Guide



Indexed Abutment System

The Indexed Abutment System is used when a screw-retained restoration is desired. It may be used for crown and bridge (single tooth and multi-unit [splinted]) and bar overdenture restorations. In addition, the Indexed Abutment System can be used for angle corrections where the restoration is either screw-retained or cemented over a custom abutment.

Indexed Abutment

- Color-coded to match the RDS or WDS prosthetic connections.
- Straumann synOcta 1.5mm Abutment prosthetic components are compatible with STAGE-1 Indexed Abutments. Keystone Dental instrumentation is required.
- Torque recommendation – 30Ncm.

Instrumentation Required:

- .062" Hex Driver (page 31)

		Indexed Abutment	Catalog No.
	 1.5mm	RDS	S2400K
	 1.5mm	WDS	42004K

Indexed Abutment Healing Cap

- Protects the abutment's internal threads and seating surface until the final restoration is delivered.
- Color-coded to match the RDS or WDS Indexed Abutment.

Instrumentation Required:

- .048" Hex Driver (page 30)

		Healing Cap	Catalog No.
	 4.1mm	RDS	S2401K
	 4.4mm	WDS	42005K

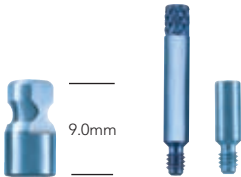
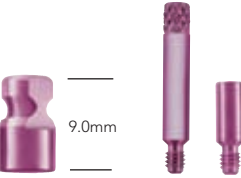
screw-retained restorations

Indexed Abutment Impression Post

- Used for single or multi-unit (splinted) restorations.
- Includes a long screw for open tray (direct) impressions and a short screw for closed tray (indirect) impressions.
- Color-coded to match the RDS and WDS Indexed Abutment.

Instrumentation Required:

- .048" Hex Driver (page 30)

	Indexed Abutment Impression Post		Catalog No.
RDS		Impression Post	S2402K
WDS		Impression Post	42013K

Indexed Abutment Temporary Sleeve

- Titanium temporary sleeve with a textured surface provides retention for acrylic when constructing provisional restorations.
- Use with the Indexed Abutment Screw (purchased separately).

	Indexed Abutment Temporary Sleeve		Catalog No.
RDS		Locking (Single Unit)	S2407-00K
		Non-Locking (Multi-Unit)	S2407-01K
WDS		Locking (Single Unit)	42011K
		Non-Locking (Multi-Unit)	42012K

Indexed Abutment Analog

- Replicates the Indexed Abutment for use by the dental laboratory.
- Color-coded to match the RDS and WDS Indexed Abutment Impression Post.

		Indexed Abutment Analog	Catalog No.
RDS		Abutment Analog	S2404K
WDS		Abutment Analog	42006K

Indexed Abutment Plastic Sleeve

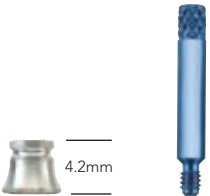
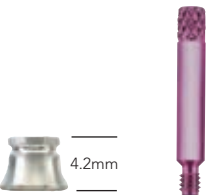
- Extended plastic chimney eliminates the need for a Waxing Pin.
- Use with the Indexed Abutment Screw (purchased separately).

		Indexed Abutment Plastic Sleeve	Catalog No.
RDS	 10mm	Locking (Single Unit)	S2406-00K
		Non-Locking (Multi-Unit)	S2406-01K
WDS	 10mm	Locking (Single Unit)	42009K
		Non-Locking (Multi-Unit)	42010K

screw-retained restorations

Indexed Abutment Gold Sleeve

- Provides a precision-machined interface between the restoration and the Indexed Abutment.
- Use with the Indexed Abutment Screw (purchased separately).

		Gold Sleeve & Waxing Pin	Catalog No.
RDS		Locking (Single Unit)	S2405-00K
		Non-Locking (Multi-Unit)	S2405-01K
		Waxing Pin	S2403K
WDS		Locking (Single Unit)	42007K
		Non-Locking (Multi-Unit)	42008K
		Waxing Pin	42015K

Indexed Abutment Screw

- Titanium.
- Color-coded to match the RDS and WDS Indexed Abutment.
- Torque recommendation – 20Ncm.

Instrumentation Required:

- .048" Hex Driver (page 30)

		Indexed Abutment Screw	Catalog No.
RDS		Abutment Screw	S2408K
WDS		Abutment Screw	42014K

overdenture abutment systems

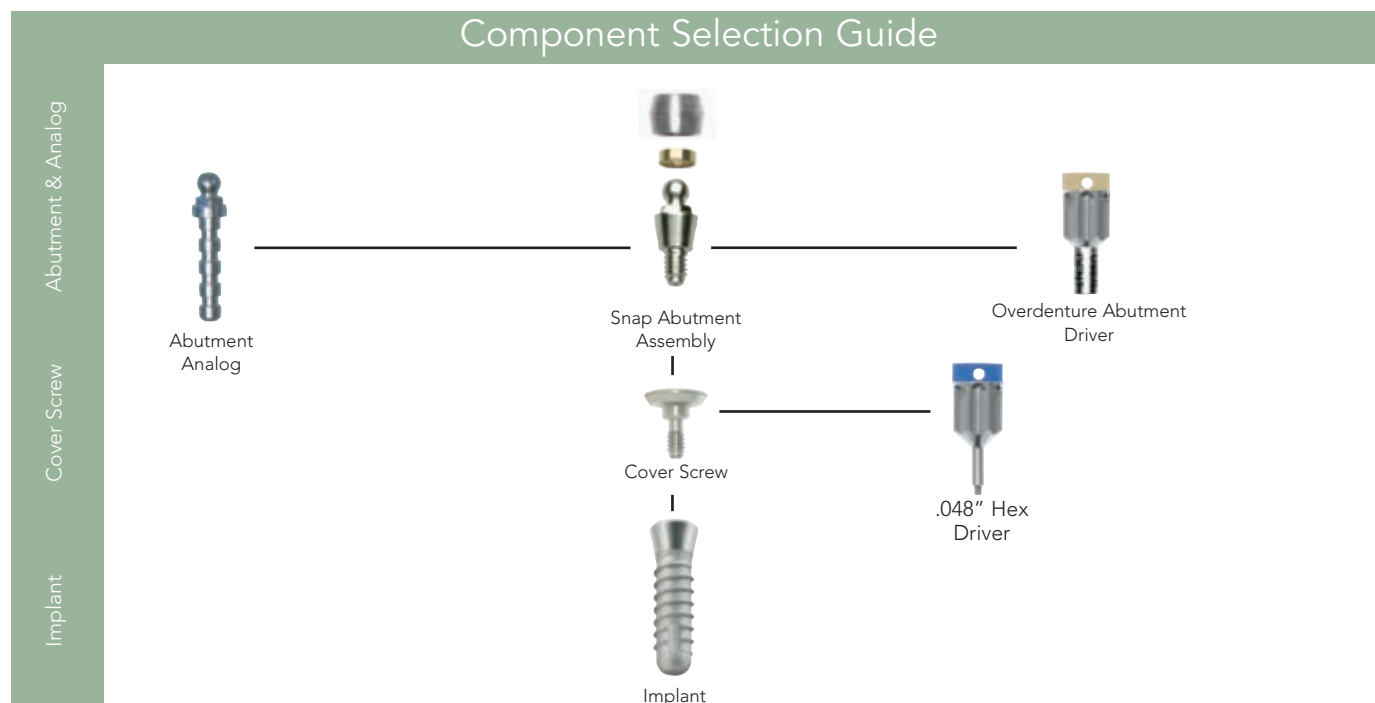
Snap Abutment System



The Snap Abutment is used with two or more implants for implant attachment-retained overdenture restorations. The Snap Abutment threads directly into the implant. The Snap Abutment Housing is processed into the denture base either chairside or at the dental laboratory. Replacement retention inserts are available in low, medium and high retention levels.

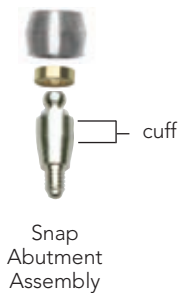
Technical Considerations:

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



overdenture abutment systems

Snap Abutment Assembly



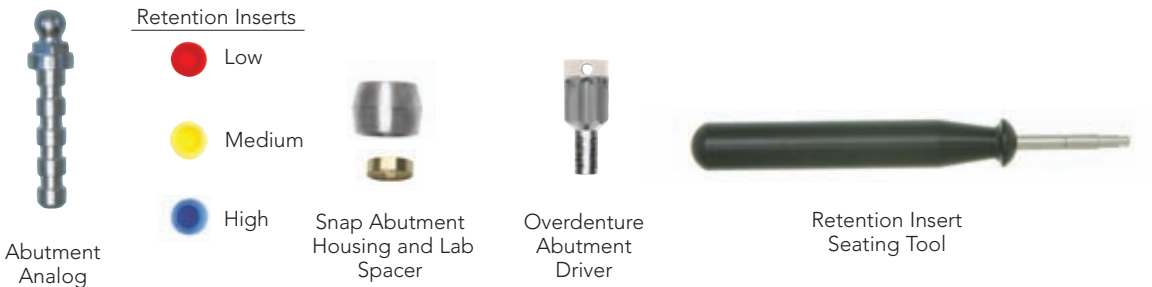
- Snap Abutment Assembly includes an abutment, a housing with low retention insert (red), and a laboratory processing spacer.
- Torque recommendation – 30Ncm.

Instrumentation Required:
■ Overdenture Abutment Driver (below)

Abutment Material: Titanium Alloy

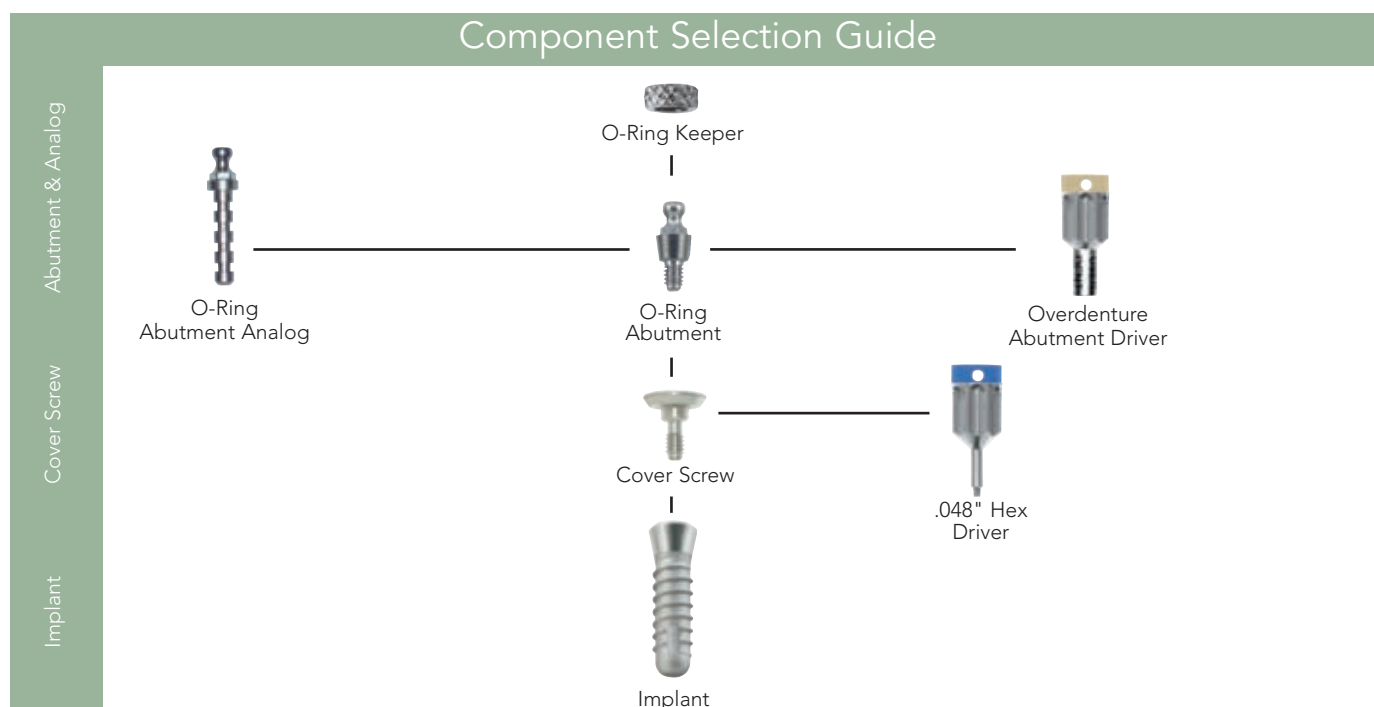
	Snap Abutment Assembly	Catalog No.
RDS	0mm Cuff	42017K
	2mm Cuff	42018K
WDS	0mm Cuff	42019K
	2mm Cuff	42020K

Snap Abutment Accessories



Snap Abutment Accessories	Catalog No.
Abutment Analog	L2804-01K
Retention Inserts, Low Retention, Red (6-pack)	40003K
Retention Inserts, Medium Retention, Yellow (6-pack)	40004K
Retention Inserts, High Retention, Blue (6-pack)	40005K
Housing with Low Retention Insert and Lab Spacer	40006K
Retention Insert Seating Tool	40007K
Overdenture Abutment Driver, Swivel Head (8mm shaft)	L2100-96-19K
Overdenture Abutment Driver, Latch-Type (20mm total length)	L1404-96-20K
Overdenture Abutment Driver Tip for Torque Wrench (8mm shaft)	L2101-96-16K

overdenture abutment systems



O-Ring Abutment System

The O-Ring Abutment is used with two or more implants and provides an economical implant attachment retained overdenture restoration. The O-Ring Abutment threads directly into the implant. The female keeper with o-ring is processed into the denture base either chairside or at the dental laboratory.

O-Ring Abutments

- O-Ring Abutments include 1 female titanium keeper, 2 clinical o-rings (black) and 1 processing o-ring (red).
- Torque recommendation – 30Ncm.

Instrumentation Required:

- Overdenture Driver (page 31)

	O-Ring Abutment		Catalog No.
	 5.3mm 0mm	 5.3mm 2.0mm 2mm	0mm cuff
			2mm cuff
			S2417-0K
			S2417-2K

O-Ring Accessories

O-Ring Accessories		Catalog No.
	Abutment Analog	L2805-01K
	Keeper, Titanium	L2810-01K
	Clinical O-Rings (12-pack)	L2811-01K
	Processing O-Rings (12-pack)	L2812-01K

surgical kits

STAGE-1 Surgical Kits

STAGE-1 Surgical Kits contain the instrumentation needed to place STAGE-1 Single Stage Implants. Designed through consultation with clinicians and surgical auxiliary, the Surgical Kit's intuitive design raises the standard for dental implant surgical kits.

Features:

- Simple step-by-step drill sequences.
- Keystone Dental's Drills and Surgical Taps offer improved efficiency, longevity and overall ease-of-use.
- Color-coded kits and instruments correlate to implant diameter.
- A laminated color wall chart for reference during surgery and reassembly of the kit after surgery.
- Available in two configurations: Basic and Deluxe.

Basic Surgical Kit

- The Basic versions of the STAGE-1 Surgical Kit contain the instrumentation and long drills and taps needed to place 3.3, 4.1 and 4.8mm diameter STAGE-1 Implants.

Basic Surgical Kit	Catalog No.
Basic Surgical Kit, Irrigated (irrigated drills and taps)	S9101-1K
Basic Surgical Kit, Non-Irrigated (non-irrigated drills and irrigated taps)	
■ Includes the same instrumentation as S9101-1K, with the following exceptions: ■ Includes: Non-Irrigated Drills, Handpiece Adapter, Short (S1400-01K), Depth Probe (S1802K). ■ Does not include: Irrigated Drills, Conversion Handle for Accu-Torque Drivers and Ratchet Adapters (ISS1112K), Latch Conversion Handle (L1407K), Drivers and Ratchet Adapters (ISS1112K), Latch Conversion Handle (L1407K), Grommet Plugs (L1804-01K), Handpiece Adapter, Medium (S1400-02K).	S9101-2K

Basic Surgical Kit (Irrigated) Includes:

Kit Sterilization Tray		Handpiece Adapter, Medium	S1400-02K
Round Marking Bur	L1405-23-00K	Ratchet Adapter, Medium	S1701-02K
1.6mm x 16mm Drill	S1100-16-16K	Conversion Handle for	
2.0mm x 16mm Irrigated Drill	S1101-20-16K	Accu-Torque Drivers and	
2.8mm x 16mm Irrigated Drill	S1101-28-16K	Ratchet Adapters, Swivel Head	ISS1112K
3.5mm x 16mm Irrigated Drill	S1101-35-16K	Latch Conversion Handle	L1407K
4.2mm x 16mm Irrigated Drill	S1101-42-16K	Ratchet/Tap Adapter	L1806-05K
Countersink Drill, Irrigated	S1401-33-01K	Locking Drill Extender	L1404-01K
3.3mm x 16mm Tap, Irrigated	S1500-33-16K	Irrigation Port Cleaner	L1800-22-02K
4.1mm x 16mm Tap, Irrigated	S1501-41-16K	100% Sizing Overlay	S1100K
4.8mm x 16mm Tap, Irrigated	S1501-48-16K	125% Sizing Overlay	S1125K
.048" Hex Driver,		Surgical Guide	MK40042
Swivel Head, Short	R9121K	Prosthetic Guide	MK40043
.048" Hex Driver,		Component Pack	L1812-02K
Swivel Head, Long	R9122K	Grommet Plugs (10) -	
2.8mm Depth Gauge	S1803-28K	for vacant grommets	L1804-01K
3.5mm Depth Gauge	S1803-35K	Laminated Wall Chart	4408-0982
4.2mm Depth Gauge	S1803-42K	Drill Usage Chart	4409-0030
STAGE-1 RDS Placement Head	S1601-01K		
STAGE-1 WDS Placement Head	S1805K		
Stabilizing Wrench	S1700K		
Surgical Ratchet	L1702-01K		

Deluxe Surgical Kit

- This surgical kit contains the instrumentation needed to place STAGE-1 3.3, 4.1, 4.8 and 5.5mm diameter STAGE-1 Implants.
- Drill, Tap and Depth Gauge for placing 6.3mm diameter implants are available separately.

Deluxe Surgical Kit	Catalog No.
Deluxe Surgical Kit, Irrigated (irrigated drills and taps)	S9100-2K
Deluxe Surgical Kit, Non-Irrigated (non-irrigated drills and irrigated taps) Includes the same instrumentation as S9100-2K, but with non-irrigated drills.	S9100-1K

Deluxe Surgical Kit (Irrigated) Includes:

Kit Sterilization Tray		Headless Cover Screws (2)	S1800-00K
Round Marking Bur	L1405-23-00K	1.5mm RDS Cover Screws (2)	S1800-15K
1.6mm x 10mm Drill	S1100-16-10K	3.0mm RDS Cover Screws (2)	S1800-30K
1.6mm x 16mm Drill	S1100-16-16K	4.5mm RDS Cover Screws (2)	S1800-45K
2.0mm x 10mm Irrigated Drill	S1101-20-10K	STAGE-1 RDS Placement Head (2)	S1601-01K
2.0mm x 16mm Irrigated Drill	S1101-20-16K	STAGE-1 WDS Placement Head	S1805K
2.8mm x 10mm Irrigated Drill	S1101-28-10K	2.0mm WDS Cover Screws (2)	S1806-20K
2.8mm x 16mm Irrigated Drill	S1101-28-16K	3.0mm WDS Cover Screws (2)	S1806-30K
3.5mm x 10mm Irrigated Drill	S1101-35-10K	4.5mm WDS Cover Screws (2)	S1806-45K
3.5mm x 16mm Irrigated Drill	S1101-35-16K	Stabilizing Wrench	S1700K
4.2mm x 10mm Irrigated Drill	S1101-42-10K	Surgical Ratchet	L1702-01K
4.2mm x 16mm Irrigated Drill	S1101-42-16K	Handpiece Adapter, Short	S1400-01K
4.8mm x 10mm Irrigated Drill	S1101-48-10K	Handpiece Adapter, Medium	S1400-02K
4.8mm x 16mm Irrigated Drill	S1101-48-16K	Handpiece Adapter, Long	S1400-03K
Countersink Drill, Irrigated	S1401-33-01K	Ratchet Adapter, Short	S1701-01K
3.3mm x 10mm Tap, Irrigated	S1500-33-10K	Ratchet Adapter, Medium	S1701-02K
3.3mm x 16mm Tap, Irrigated	S1500-33-16K	Ratchet Adapter, Long	S1701-03K
4.1mm x 10mm Tap, Irrigated	S1501-41-10K	Conversion Handle for	
4.1mm x 16mm Tap, Irrigated	S1501-41-16K	Accu-Torque Drivers and	
4.8mm x 10mm Tap, Irrigated	S1501-48-10K	Ratchet Adapters, Swivel Head	ISS1112K
4.8mm x 16mm Tap, Irrigated	S1501-48-16K	Latch Conversion Handle	L1407K
5.5mm x 10mm Tap, Irrigated	S1500-55-10K	Ratchet/Tap Adapter	L1806-05K
5.5mm x 16mm Tap, Irrigated	S1500-55-16K	Locking Drill Extender	L1404-01K
.048" Hex Driver,		Surgical Depth Probe	S1802K
Swivel Head, Short	R9121K	Irrigation Port Cleaner	L1800-22-02K
.048" Hex Driver,		100% Sizing Overlay	S1100K
Swivel Head, Long	R9122K	125% Sizing Overlay	S1125K
.048" Hex Driver,		Surgical Guide	MK40042
Latch-Type, Short	L1400-48-23K	Prosthetic Guide	MK40043
.048" Hex Driver,		Component Pack	L1812-02K
Latch-Type, Long	L1400-48-28K	Grommet Plugs (10) -	
2.8mm Depth Gauge	S1803-28K	for vacant grommets	L1804-01K
3.5mm Depth Gauge	S1803-35K	Laminated Wall Chart	4408-0982
4.2mm Depth Gauge	S1803-42K	Drill Usage Chart	4409-0030
4.8mm Depth Gauge	S1803-48K		

Surgical Kit Tray	Catalog No.
STAGE-1 Surgical Kit Tray Only (without instruments)	S1801-01K

drills & taps

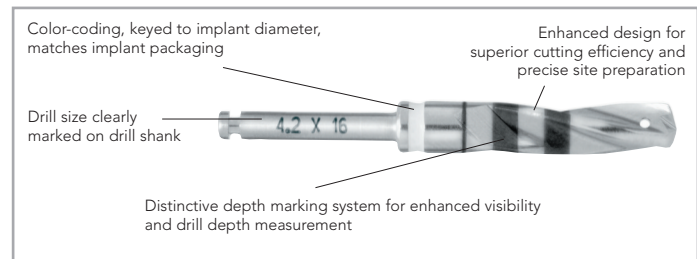
Surgical Drills

- All STAGE-1 Drills have an enhanced design for superior cutting efficiency and precise site preparation.
- Corrosion resistant.

Drills are offered in two lengths:

- Short (10mm) – for 8 or 10mm Implants.
- Long (16mm) – for 8, 10, 12, 14 or 16mm Implants.

NOTE: Keystone Dental recommends replacing Drills after approximately 20 uses (depending on bone density).



Round Marking Bur

	Item	Catalog No.
	2.3mm	L1405-23-00K

1.6mm Drill

	Item	Catalog No.
	1.6mm x 10mm	S1100-16-10K
	1.6mm x 16mm	S1100-16-16K

Irrigated Drills



Item	Catalog No.
2.0mm x 10mm, Irrigated	S1101-20-10K
2.0mm x 16mm, Irrigated	S1101-20-16K
2.8mm x 10mm, Irrigated	S1101-28-10K
2.8mm x 16mm, Irrigated	S1101-28-16K
3.5mm x 10mm, Irrigated	S1101-35-10K
3.5mm x 16mm, Irrigated	S1101-35-16K
4.2mm x 10mm, Irrigated	S1101-42-10K
4.2mm x 16mm, Irrigated	S1101-42-16K
4.8mm x 10mm, Irrigated	S1101-48-10K
4.8mm x 16mm, Irrigated	S1101-48-16K
5.5mm x 10mm, Irrigated	S1101-55-10K

Non-Irrigated Drills



Item	Catalog No.
2.0mm x 10mm, Non-Irrigated	S1100-20-10K
2.0mm x 16mm, Non-Irrigated	S1100-20-16K
2.8mm x 10mm, Non-Irrigated	S1100-28-10K
2.8mm x 16mm, Non-Irrigated	S1100-28-16K
3.5mm x 10mm, Non-Irrigated	S1100-35-10K
3.5mm x 16mm, Non-Irrigated	S1100-35-16K
4.2mm x 10mm, Non-Irrigated	S1100-42-10K
4.2mm x 16mm, Non-Irrigated	S1100-42-16K
4.8mm x 10mm, Non-Irrigated	S1100-48-10K
4.8mm x 16mm, Non-Irrigated	S1100-48-16K
5.5mm x 10mm, Non-Irrigated	S1100-55-10K

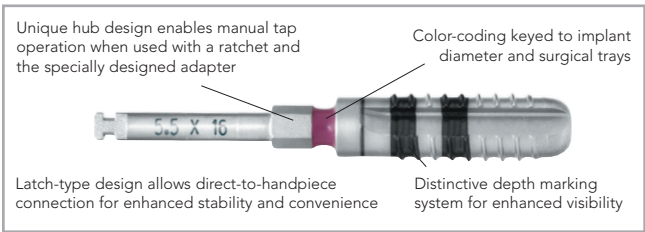
Countersink Drill

- Countersink Drill is used only for placing 3.3mm RDS STAGE-1 Implants.

	Item	Catalog No.
	Countersink Drill, Irrigated	S1401-33-01K

Surgical Taps

- Short (10mm) – for placement of 8 or 10mm implants.
- Long (16mm) – for 8, 10, 12, 14 or 16mm implants.
- Irrigated only



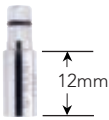
Irrigated Taps



Item	Catalog No.
3.3mm x 10mm, Irrigated	S1500-33-10K
3.3mm x 16mm, Irrigated	S1500-33-16K
4.1mm x 10mm, Irrigated	S1501-41-10K
4.1mm x 16mm, Irrigated	S1501-41-16K
4.8mm x 10mm, Irrigated	S1501-48-10K
4.8mm x 16mm, Irrigated	S1501-48-16K
5.5mm x 10mm, Irrigated	S1500-55-10K
5.5mm x 16mm, Irrigated	S1500-55-16K
6.3mm x 10mm, Irrigated	S1500-63-10K

Ratchet/Tap Adapter

- Used with Surgical Ratchet for manual operation of surgical taps.

	Item	Catalog No.
	Ratchet/Tap Adapter	L1806-05K

Surgical Ratchet

- Ratchet is used with the Ratchet/Tap Adapter (L1806-05K) for manual operation of the surgical taps or with Ratchet Adapters (S1701-01K, S1701-02K or S1701-03K) for manual implant seating.

	Item	Catalog No.
	Surgical Ratchet	L1702-01K

Ratchet Adapters for STAGE-1 Placement Heads

- Used with the Surgical Ratchet for manual implant seating.
- STAGE-1 Deluxe Surgical Kit includes short, medium & long adapters.
- Conversion Handle allows use of Accu-Torque Drivers and Ratchet Adapters as hand drivers.

	Item	Catalog No.
 Length	Ratchet Adapter, Short (4.4mm length)	S1701-01K
	Ratchet Adapter, Medium (11.4mm length)	S1701-02K
	Ratchet Adapter, Long (21.3mm length)	S1701-03K
	Replacement O-Rings for Ratchet Adapters (4-pack)	L1806-03K
	Conversion Handle for Accu-Torque Drivers & Ratchet Adapters, Swivel Head	ISS1112K

Placement Heads

- Engages the coronal portion of the STAGE-1 Single Stage Implant during placement.
- Included with each implant.
- Use with Handpiece Adapters or the Surgical Ratchet with Ratchet Adapters.

	Placement Head	Catalog No.
		S1601-01K
		S1805K

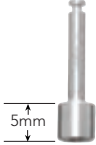
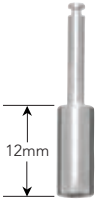
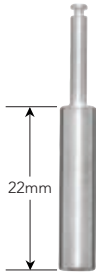
Stabilizing Wrench for Placement Heads

- Stabilizes the placement head during loosening of placement head screw.
- Angled end for posterior access and closed end for anterior access or narrow spaces.
- External pin feature engages the Ratchet Adapters for added stability during manual implant placement.

	Item	Catalog No.
	Stabilizing Wrench	S1700K

Handpiece Adapter for Placement Heads

- Used with handpiece for motor driven implant placement or conversion handle for manual placement.

	Handpiece Adapter Length	Catalog No.
	Short (5mm)	S1400-01K
	Medium (12mm)	S1400-02K
	Long (22mm)	S1400-03K

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	S1402-01K

Conversion Handle for Latch-Type Instruments

- Connects to the end of any latch-type instrument or driver for hand operation.

	Item	Catalog No.
	Conversion Handle	L1407K

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

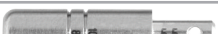
Surgical Depth Probe

- Distinctive markings for enhanced visibility and depth measurement of the implant site.
- Apical ball allows tactile examination of the implant site.
- Used after the 2.0 diameter drill.

	Item	Catalog No.
	Surgical Depth Probe	S1802K

Depth Gauges

- Used to verify depth and diameter of the surgical site prior to implant placement.
- Grooved depth markings are also visible on an X-ray when radiographic verification is desired.

	Depth Gauge Diameter	Catalog No.
	2.8mm	S1803-28K
	3.5mm	S1803-35K
	4.2mm	S1803-42K
	4.8mm	S1803-48K
	5.5mm	S1803-55K

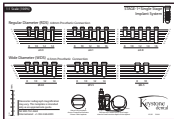
Internal Thread Tap for Implants

- Used to reform the internal threads of a STAGE-1 Implant or Indexed Abutment if cross-threading has occurred.
- Internal Thread Tap includes a handle for manual operation.

	Internal Thread Tap	Catalog No.
	M2.0 Thread	L1700-20K

Implant Sizing Overlays

- Use transparent overlays with radiographs for pre-surgical assessment and implant selection.
- 100% (1:1) Sizing Overlay for use with periapical X-rays.
- 125% (1:1.25) Sizing Overlay for panoramic radiographs.

	Implant Sizing Overlays	Catalog No.
	100%, RDS & WDS	S1100K
	125%, RDS & WDS	S1125K

Implant Organizer

- Each stackable organizer holds up to 30 implants and is designed to stand vertically in a cabinet or lay flat in a drawer. The hinged, see-through lid provides a quick visual inventory assessment.

	Item	Catalog No.
	Implant Organizer	L1821-01K

.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.
	Swivel Head, Short (8mm shaft/19mm total length)	R9121K
	Swivel Head, Long (13mm shaft/24mm total length)	R9122K
	Latch-Type, Short (23mm total length)	L1400-48-23K
	Latch-Type, Long (28mm total length)	L1400-48-28K
	Driver Tip for Accu-Torque Wrench, Short (8mm shaft)	ISS1104K
	Driver Tip for Accu-Torque Wrench, Long (15mm shaft)	ISS1109K

COC Abutment Drivers

- Used for STAGE-1 COC Abutments.

	Driver	Catalog No.
	 RDS Hand Driver, Short (4.3mm shaft/13mm total length)	S2418-13-1K
	 RDS Hand Driver, Long (10.3mm shaft/19mm total length)	S2418-19-1K
	 WDS Hand Driver, Short (4.3mm shaft/13mm total length)	S2426-13K
	 WDS Hand Driver, Long (10.3mm shaft/19mm total length)	S2426-19K
	 Latch-Type (23mm total length)	S2420-1K
	 Latch-Type (23mm total length)	S2428K
	 Driver Tip for Accu-Torque Wrench (9.3mm shaft)	S2419-1K
	 Driver Tip for Accu-Torque Wrench (9.3mm shaft)	S2427K

.062" Hex Drivers

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

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

Overdenture Abutment Drivers

- Used for O-Ring and 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

Accu-Torque Wrenches

- Pre-calibrated wrenches precisely deliver 20Ncm or 30Ncm of torque.
- Use with Accu-Torque Drivers listed on page 30-31.
- Conversion Handle allows use of Accu-Torque Drivers and Ratchet Adapters as hand drivers.

	Item	Catalog No.
	Accu-Torque Wrench, 20Ncm	ISS1101K
	Accu-Torque Wrench, 30Ncm	ISS1102K
	Conversion Handle for Accu-Torque Drivers 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

torque wrenches & other products

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

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

surgical motor system

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 Assembly, Disposable (for use with ImplantMED Motor)	WH-43636
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
Tube Irrigation Clip, WI-75 Handpiece	WH-04757100
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.

DYNABLAST™



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.



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.



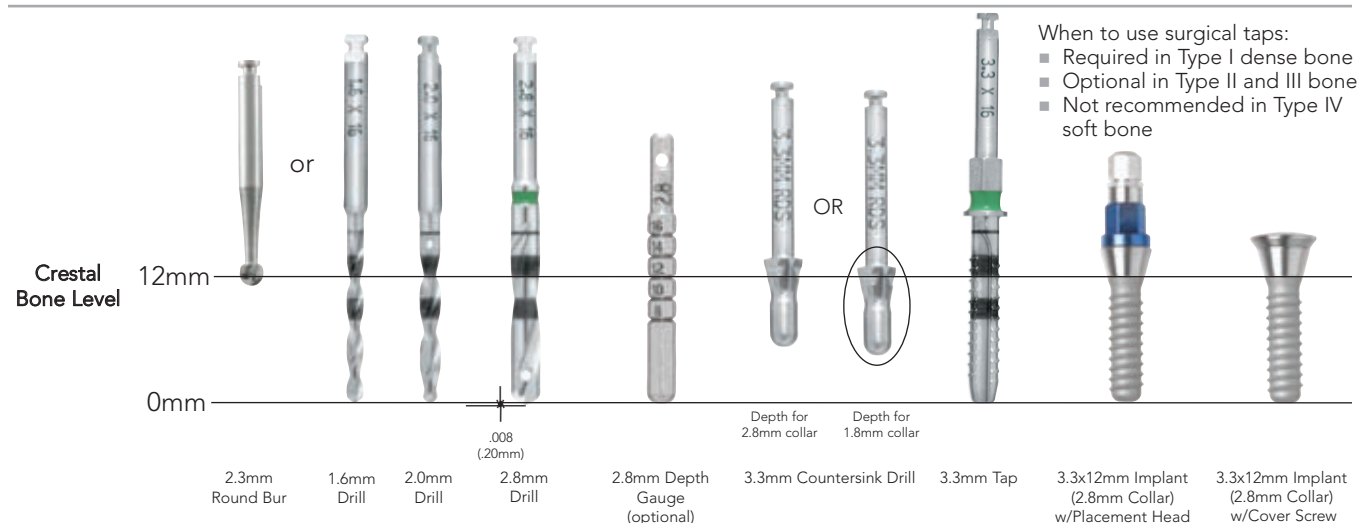
Item	Catalog No.
DynaMatrix 15 x 20mm, single pack	10.401.1520
DynaMatrix 20 x 30mm, single pack	10.401.2030
DynaMatrix 30 x 40mm, single pack	10.401.3040

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

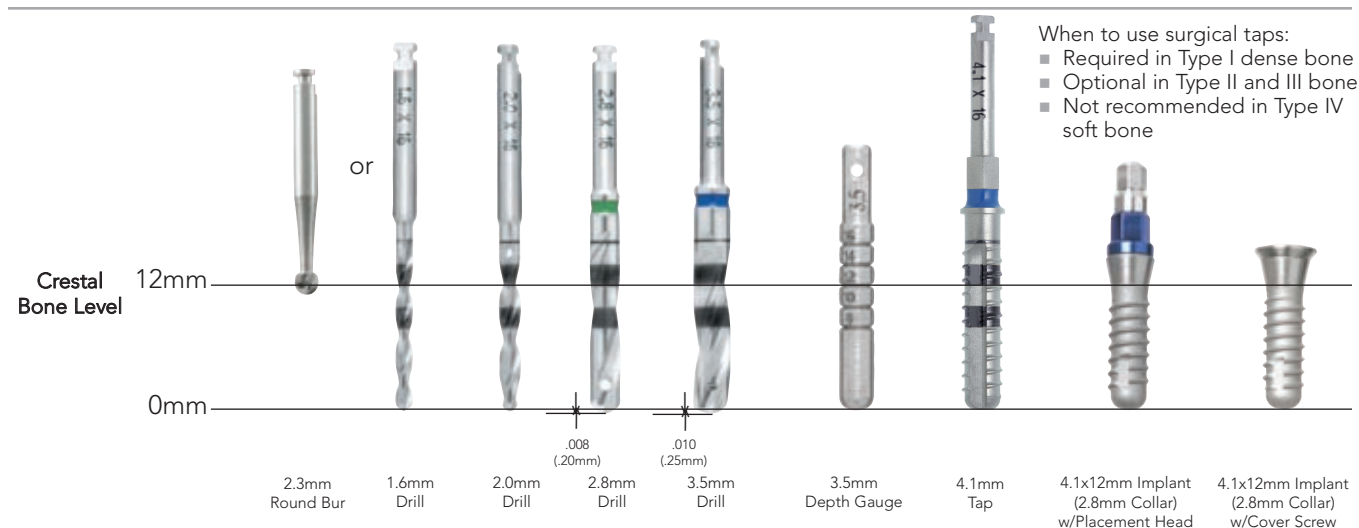
drill sequence charts

The Surgical Depth Probe may be used after the 2.0mm drill for further depth verification. Depth Gauges may be used after the 2.8mm drill.

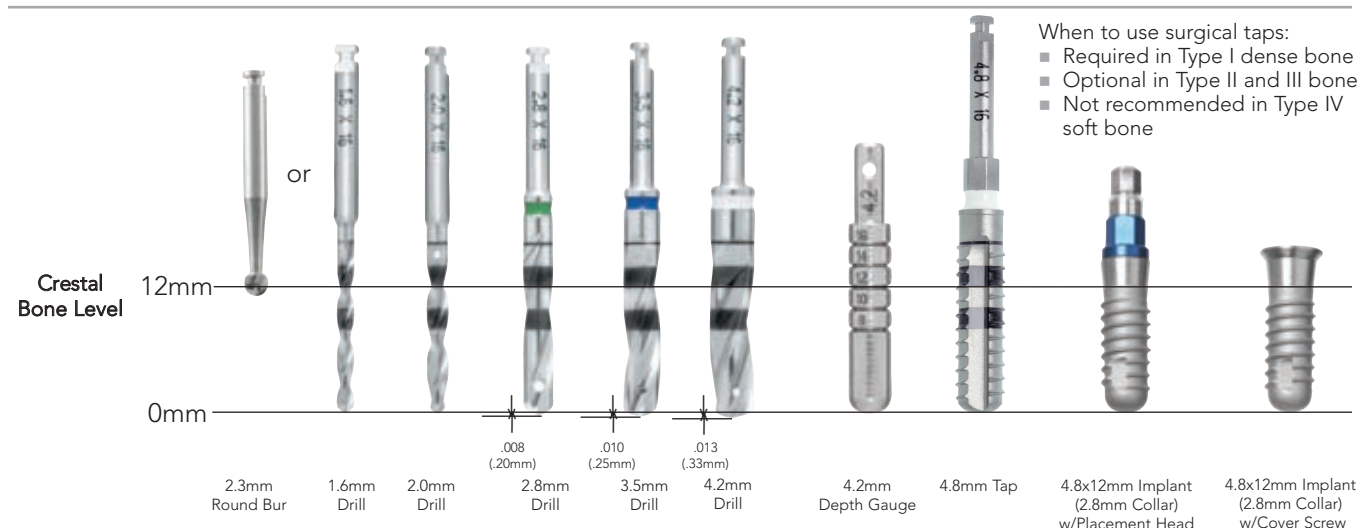
3.3mm STAGE-1 Single Stage Implant Drill Sequence (example shown for 12mm length implant)



4.1mm STAGE-1 Single Stage Implant Drill Sequence (example shown for 12mm length implant)

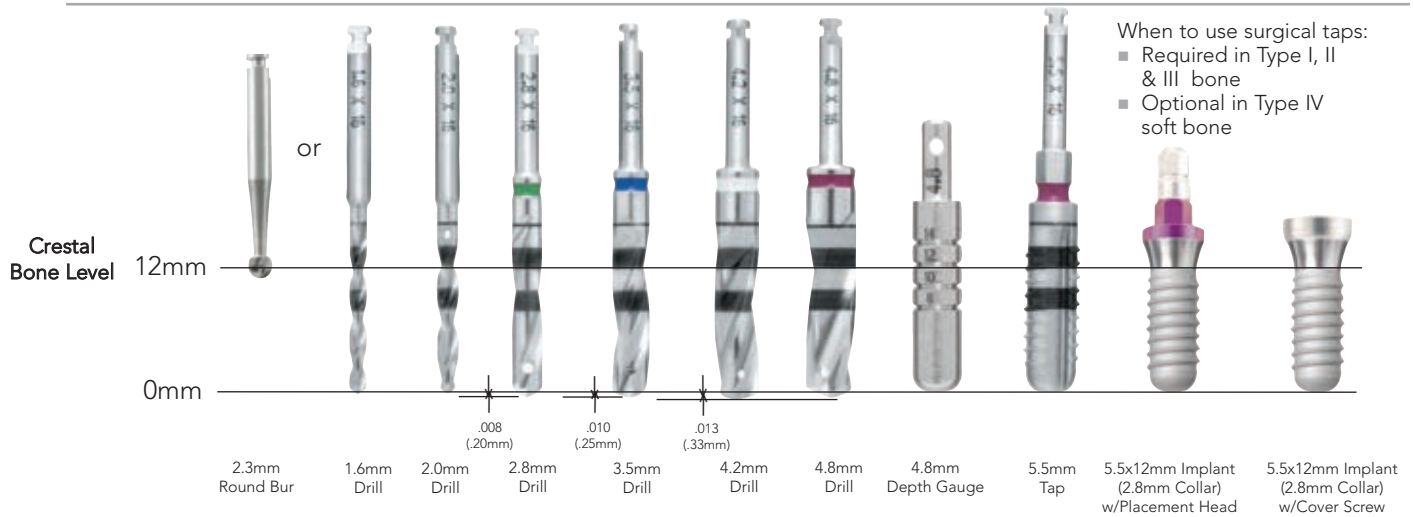


4.8mm STAGE-1 Single Stage Implant Drill Sequence (example shown for 12mm length implant)

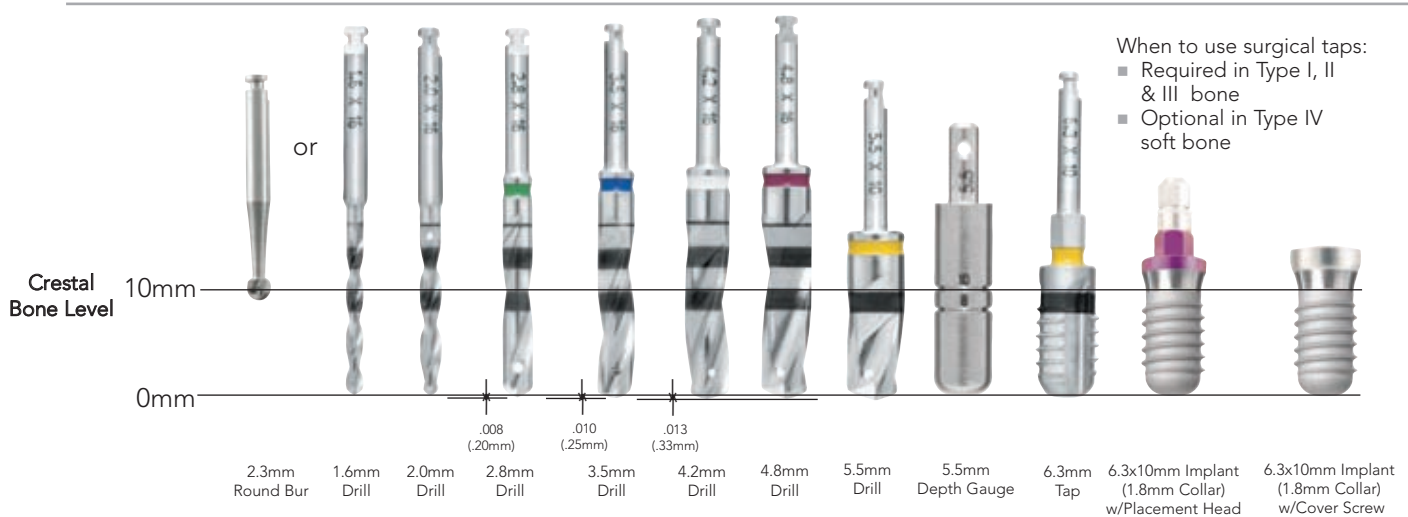


drill sequence charts

5.5mm STAGE-1 Single Stage Implant Drill Sequence (example shown for 12mm length implant)



6.3mm STAGE-1 Single Stage Implant Drill Sequence (example shown for 10mm length implant)



Depth Marking System For STAGE-1 Drills and Taps

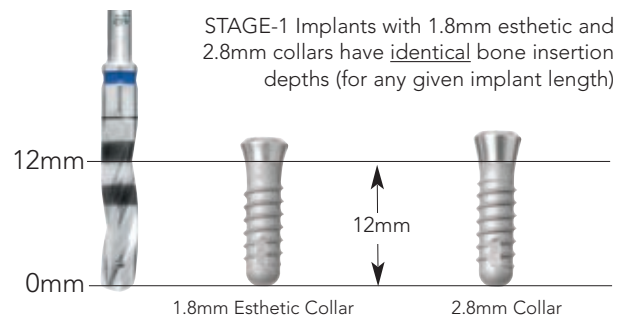
For Placement of:

16mm Implant
14mm Implant
12mm Implant
10mm Implant
8mm Implant

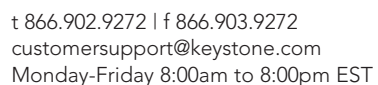


Drill bands reference the insertion depth of the corresponding implant and do not indicate actual millimeter drill length. Refer to the Drill Sequence Chart for increased length of the drill tips.

Implant Measurement 12mm implant shown



Stated implant length refers to the implant's actual insertion depth. For example, when placing a 12mm implant (regardless of whether it is a 1.8mm esthetic or 2.8mm collar) the site should be drilled to the corresponding 12mm drill band.



Order # _____ Account # _____

SHIP TO	
Date	P.O. #
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Specialty	
Desired Delivery Date	
Comments	

BILL TO		
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Address		
City		
State/Country		
Zip/Postal Code		
Phone #		
Credit Card (type)		
Card #		Exp.
Credit Card Billing Address		
City	State	Zip

[illegible]

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. synOcta is a registered trademark of Institut Straumann.



Manufacturer

Keystone Dental, Inc.
144 Middlesex Turnpike
Burlington, MA 01803 USA
Call: 1-866-902-9272
Fax: 1-866-903-9272

Outside the USA

Call: +1-781-328-3490
Fax: +1-781-328-3400

Authorized Representative

Keystone Dental SpA
via A. Fleming, 19
37135 Verona, Italy
Call: +39-045-8230294
Fax: +39-045-8250296

Subsidiary:

Keystone Dental AB
Särö, Sweden
Call: +46-31-93-68-23
Fax: +46-31-93-68-45

Subsidiary:

Keystone Dental GmbH
Alfter, Germany
Call: +49-2222-9294-0
Fax: +49-2222-977356

Subsidiary:

Keystone Dental S.A.S.
Beauzelle, France
Call: +33-5-62-21-40-45
Fax: +33-5-61-42-06-32

Email: customersupport@keystonedental.com
www.keystonedental.com



The products described herein are covered by one or more of the following patents:
US 5,996,779, US 6,142,296, US 7,249,949, and applicable international patents.
Additional patents are pending.