

COMPLETE PRODUCT CATALOG



Johnson-Promident



Johnson-Promident has been the trusted source for handpieces, rotary instruments, replacement parts, and accessories for over four decades, and we now offer over 1,000 products. This catalog showcases our products, but it also includes a great deal of additional educational information. We hope that you will take the opportunity to attend “Johnson-Promident University”. If you do, you will learn about different types of handpieces, which types of attachments go with which handpieces, and how to maintain handpieces to ensure best longevity and performance. This should help you make the best choices to meet your needs.

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Johnson-Promident University

High Speed Handpieces 101

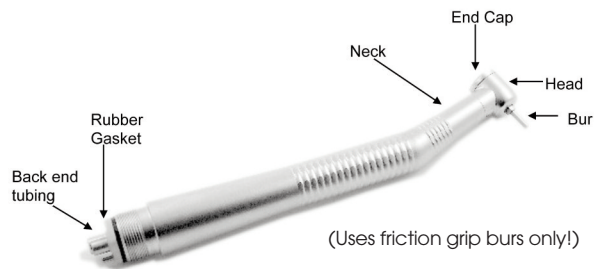
Overview



What is a High Speed Handpiece?

A hand held drill, usually air-driven (can also be electric), that spins cutting burs at approximately 400,000 RPM.

- Used for cavity preparation, removal of tooth structure and margin creation.



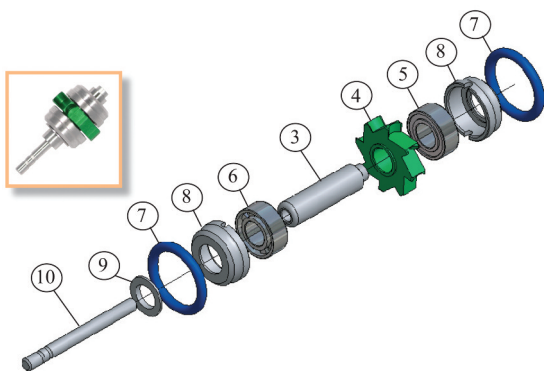
How Does a High Speed Handpiece Work?

- Air turns a turbine located in the head (front) of the handpiece.



Turbine or Rotor

- The turbine consists of two miniature bearings, an impeller, and a spindle/chuck assembly that holds the bur.



- Air is introduced into the handpiece via the chair unit foot pedal, goes through the airline attached to the back end of the handpiece, up through the handpiece shell, and into the handpiece head where it is forced over the impeller of the turbine, causing the turbine to spin.
- After the air moves around the turbine impeller, it is then forced out of the head and moves back down through the shell of the handpiece and out through the handpiece's back end exhaust port.

How Fast Does the Handpiece Run?

- The speed depends on the pressure (PSI) of the air supply, the size of the turbine assembly and the configuration of the turbine components (i.e., bearings, impeller, and spindle).
- An average sized turbine (such as a Midwest Tradition) running at 38 PSI should spin at approximately 400,000 RPM.
- Larger sized turbines (such as a KaVo Super Torque) running at 38 PSI should spin at approximately 325,000 RPM but will achieve the same torque as smaller turbines due to their mass.



Does Head Size Matter?

- Most brands of handpieces offer small (miniature) and large head versions, and different brands vary (KaVo tends to have larger heads and Star has smaller heads).
- Smaller heads have advantages for providing better visibility and easier access (especially with children).
- Larger heads have the advantage of much higher torque and cutting power.

How Long Will a Handpiece Turbine Last?

- The average life span of a handpiece turbine ranges from six to twelve months, depending on the level of use and maintenance procedures. The most common cause of premature failures is infield conditions.

Top 3 Mistakes

1. Use of disinfectants to clean or wipe off handpieces
2. Lack of lubrication or improper lubrication
3. Use of too much air pressure



See Page 5 for maintenance tips.

High Speed Handpieces 101

Handpiece Tubing Compatibility

What Are the Types of Tubing Connections?

2 Hole (Borden Connection)

- Usually the standard in developing countries (e.g., all of Latin America).
- Has one large hole, which is air intake to drive the turbine to spin, and a small hole for water to cool the bur/tooth.
- No air exhaust, so the exhaust just blows right out of the handpiece, making it much louder.
- Also, no chip air, so the water comes out more as a stream than as a fine mist.
- A 2/4 adapter can be used to fit this kind of handpiece onto 4 hole tubing, but the handpiece will still not have the chip air or exhaust air features.



2 HOLE

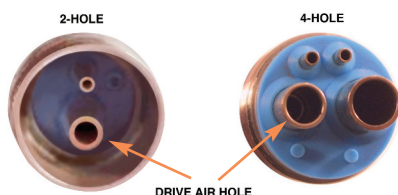


3 Hole

- Used very little. In fact, we may be one of the last manufacturers still to offer this style!
- Has the same handpiece thread design as 2 hole, but with the addition of one extra small tube for the chip air line to allow the water to come out as a fine mist.
- Can be converted to 2 hole by simply removing the chip air tube.

4 Hole (Midwest Connection)

- The standard in the U.S. and Europe.
- Has two large air holes (the smaller of the two is air in and the larger is air exhaust out).
- Also has two small holes, a water tube and a chip air tube (which brings air to the head where it either mixes with or hits the water to make a fine mist) to cool the bur/tooth and clear debris.
- A 4/2 adapter can be used to fit this kind of handpiece onto 2 hole tubing, but the handpiece will lose the exhaust and chip air feature.



DRIVE AIR HOLE

Tubing connections meet international standards, so any handpiece with a certain tubing configuration will always fit that type of tubing...but cannot fit a different tubing configuration unless a special adapter is used.

5 Hole

- Has the same handpiece thread design as 4 hole, but with the addition of a fiber optic rod which transmits light through the handpiece and illuminates the bur and tooth area for better visibility.
- Has all the other features of 4 hole as well.
- A 5 hole handpiece can be used on 4 hole tubing, but the light feature will not function.



5 HOLE

Quick Disconnect Coupler Connections

- Couplers can be 2 hole, 4 hole, and fiber optic (2 types).
- 5 hole fiber optic couplers have an internal glass rod that goes onto tubing that has a light source (bulb) either in the tubing or on the dental control unit.
- 6 pin couplers (with 4 holes like a normal 4 hole handpiece plus 2 metal pins to provide electricity) have the light bulb in the coupler itself.



6-PIN



Helpful Hint:
Turn the tubing connector, not the handpiece, to screw the tubing on/off the handpiece.

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High Speed Handpieces 101

High Speed Connections

What Are the Different Types of High Speed Handpiece Connections?

- Handpieces can come with either a **fixed back end** or a **quick disconnect swivel** style.
- Both types of back ends can come with 5 different tubing connection configurations (i.e. 2 hole, 4 hole).

Fixed Back

- Does not have a swivel coupler; must be screwed on/off tubing for cleaning and does not swivel.
- Connections are internationally standardized and universal (ISO) so that any brand of handpiece will fit the same tubing connection configuration.



Quick Disconnect

- The handpiece has a hollow back end that can be snapped onto a coupler.
- The coupler is screwed onto the tubing, allowing the handpiece to be quickly attached and removed for cleaning.



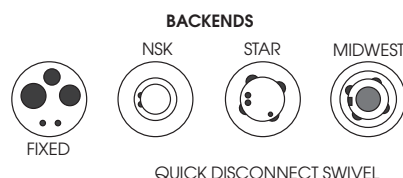
What are the Benefits of Quick Disconnect Couplers?

- Easy and fast removal of the handpiece from the tubing.
- Increased dentist comfort, because the swivel reduces the drag of the tubing.

What are the Disadvantages of Quick Disconnect Couplers?

Every major brand of handpiece has its own proprietary connection between the handpiece and the swivel, so handpieces and swivels from different brands are not compatible.

Many manufacturers are beginning to offer handpieces that will fit other brands of couplers, but it appears to us that the KaVo MULTiflex style coupling is winning the battle to become the universal quick connect style.



Chucking Mechanisms

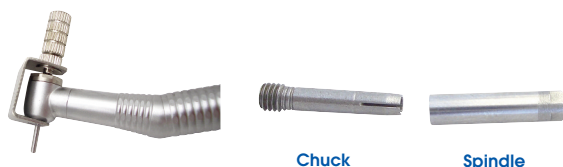
What is a Chucking Mechanism?

The mechanism that allows the handpiece to hold a bur.

What are the Different Types of Chucking Mechanisms?

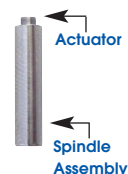
1. Standard Screw-Type (bur tool-type)

- The spindle and chuck (the parts of the turbine that hold the bur) are separate.
- A bur tool is required to insert and remove the bur; it screws the chuck down into the spindle causing the chuck to tighten around the bur.
- Screw-type chucks can be replaced in repair.



2. Push Button-Type

- The spindle and chuck are a single assembly.
- The push button cap on the handpiece presses on the actuator on the top of the spindle which engages an internal spring component to open or close the chucking mechanism.
- Bur shank size is important – burs with shanks under .0626 or over .0630 cannot be used.



Benefits of Push Button Chucks

- Easy insertion and removal of burs.

Disadvantages of Push Button Chucks

- Do not provide as strong a grip on the bur as screw-type chucks.
- Heavy use can cause the chuck to strip, which will result in poor bur retention.
- Higher cost to purchase.
- Once the chuck fails the whole turbine must be replaced instead of just the chuck.



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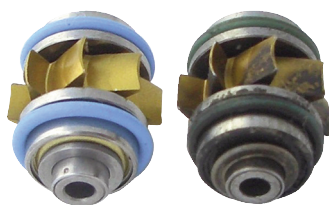
High Speed Handpieces 101

Handpiece Maintenance Tips



Debris

- Introduced into the handpiece through dirty air and water every time air pressure is released.
- The best way to remove it is to flush the handpiece between patients using a handpiece cleaner and lubricant.



Same turbine
but different
maintenance

- Blow out the handpiece using compressed air to remove loose debris, cleaner, and lubricant before sterilization (a handpiece should never be run without a bur!).



Air Pressure

- Excessive air pressure (exceeding 40 PSI) could cause damage to turbine bearings, reducing the performance of the turbine.
- When handpiece performance is reduced at 35 PSI the turbine should be rebuilt or replaced.

Sterilization Tips

- Never exceed 275°F (135°C) during the sterilization cycle; use the lowest temperature possible while still achieving proper sterilization of instruments.
- Subjecting bearings to higher temperatures can cause the materials to break down and crack.
- Handpieces should only be used at room temperature, not hot.
- Never cool handpieces under cold running water; quick cool downs are bad for turbine components.
- If sterilizers are not maintained properly, excessive debris will bake onto the turbine and result in premature failure.
- Never use a dry heat sterilizer; the excessive heat will damage bearings.

Air and Water Supplies

- Must remain free of debris.
- Filters should be used and checked often.
- Compressor oils and carbons must be filtered from the air supply.
- An air dryer should also be used and maintained as required.

Push Button Spindle Maintenance

- Push button spindles are made of metal components and require small amounts of lubricant and periodic flushing for an extended life span.
- Use a handpiece cleaner or combination cleaner/lubricant (lubricating alone is not enough).
- Spray handpiece cleaner and lubricant up into the front of the spindle; an adapter may be required.



- Then flush the handpiece to remove debris from the handpiece head that has been introduced from flushing the spindle.
- Doing this will help remove debris from within the spindle assembly, which will prevent the spindle from sticking open or failing.

Lube Free or Maintenance Free Turbines (Beware)

- Only the bearings are maintenance free!
- The bearings are pre-greased at the factory and shielded to help protect them from debris and the removal of lubricants during use.
- Other turbine components still need to be maintained; O-rings will dry out without lubricants and push button spindles require lubrication and flushing.

Ask the Doctor:

1. *When was the last time you changed your filters?*
2. *What do you use to clean your handpieces?*
(Disinfectants are not allowed, dry heat sterilizers are bad too.)
3. *Where do you spray lubricant?*
(Offices often are lubricating wrong holes, so no lube is getting where it needs to be.)
4. *How often do you use a handpiece cleaner in the chuck?* (Probably never.)
5. *At what air pressure do you run your handpieces?*
(Many dentists believe more pressure means faster preps, but it is not true.)
6. *Do you elongate the bur, i.e., not put the bur all the way in the chuck to get deeper access?* (Sell them surgical length burs or they will be replacing turbines often.)

*Did you know that
Johnson-Promident has been
repairing handpieces for
over 40 years? Give us a try!*

Johnson-Promident University

High Speed Handpieces 101

Handpiece Maintenance

Instructions for Operation and Maintenance:

In order to always provide the handpiece with clean air, water accumulated in the compressor must be drained out **ONCE A DAY. DAILY LUBRICATION IS ABSOLUTELY ESSENTIAL.**

Operate the handpiece at pressures of 30 to 35 pounds per square inch. The handpiece is engineered to attain speeds of 350,000 RPM at 30 pounds and 400,000 RPM at 35 pounds.

Use the brush to remove foreign particles. A fine wire is provided for cleaning the water spray hole and to prevent clogging. Particles can be dislodged by blowing air backward from the contra angle head. **NOTE: DO NOT** attempt to blow particles from the rear end of the handpiece, as larger particles will be blocked in the water tube.

Sterilization Procedures: (Autoclave and Chemiclave Only)

Clean External Surface: Remove bur from handpiece and scrub with a toothbrush or 2" x 2" gauze using warm tap water. **DO NOT IMMERSE HANDPIECE.**

Dry: Thoroughly dry handpiece using gauze, paper towel or air syringe.

Clean/Lubricate Internal Surface: Using a combination cleaner/lubricant or DCL 90, spray handpiece in drive air hole and in chuck.

Expel Cleaner/Lubricant: Reinsert bur into handpiece head, connect handpiece to tubing and run for 5 seconds to thoroughly expel debris and excess lubricant.

THE HANDPIECE MUST BE OPERATED ONLY WITH A BUR OR BUR BLANK. **DO NOT OPERATE EMPTY.**

Clean Fiberoptic Bundle: Using a cotton swab with isopropyl alcohol, wipe the surface on both ends of handpiece.

Bag and Cycle in Autoclave: Place handpiece into autoclave bag or pouch. Cycle as per autoclave/chemiclave manufacturer's instructions. **DO NOT EXCEED 275° F (135° C).**

Cool Down and Lubricate: Allow handpiece to return to room temperature. Lubricate handpiece as per instructions listed above. Expel excess lubricant as per previous instructions.

DO

- ▲ Use warm tap water to scrub the exterior of handpiece.
- ▲ Expel excess lubricant from handpiece by running it for 5 seconds after cleaning and lubricating.
- ▲ Use separate cans of lubricant before and after sterilization to prevent contamination.
- ▲ Clean both ends of fiberoptic bundle with a cotton swab dipped in isopropyl alcohol.
- ▲ Use autoclave bags and pouches with indicators to protect handpiece.

DON'T

- ▼ DON'T immerse handpiece in water or chemical disinfectants/sterilants.
- ▼ DON'T use any type of disinfectant on handpiece.
- ▼ DON'T sterilize handpiece with bur inserted.
- ▼ DON'T exceed 275° F (135° C) in autoclave or chemiclave.
- ▼ DON'T dry heat or heat transfer sterilize.
- ▼ DON'T operate handpiece without bur inserted in chuck.

Do-It-Yourself Handpiece Repair (Simple Stuff)

- A. Handpiece has low torque or power (could be lack of lubrication or too much debris)
 1. Try heavily spraying "correct" drive air tube with a combination cleaner/lubricant like DCL-90 and run handpiece for a minute.
 2. Remove turbine and clean out head, lubricate turbine directly, and spin bearings with fingers. Blow compressed air in head of handpiece to clear air tube. Return turbine to handpiece and run.
 3. Check air pressure on dental unit.
- B. Burs are sticking inside of turbine or falling out
 1. Flush the spindle with a handpiece cleaner where the bur would normally be inserted.
 2. Ensure that burs are not less than .0625" or greater than .0630" in diameter or are worn, which can damage spindle.
- C. Water spray is weak or completely stopped
 1. Insert small wire into water tube from head of handpiece to remove debris.
 2. Use our Smart Cleaner to clear clogged tube.

If these simple solutions fail, more serious problems are likely affecting the handpiece which should be sent to a reputable repair service provider.



High Speed Handpieces

Johnson-Promident offers 3 complete handpiece families providing optimal solutions for every practice.



Challenger – Truly Unbeatable Value

- Efficient design provides solid performance
- Durable components designed for long lasting performance with repeated sterilization
- Standard or push button on fixed back or swivel connection
- *Absolutely the lowest cost of ownership*



Classic – Reliable Powerful Workhorse

- Reputation for durability with over 20 years and 200,000 units in service
- Functional design provides smooth & consistent operation
- Chairside replaceable canister-style turbines
- *Less expensive to buy & less expensive to operate*



Gemini – Replacement handpieces for Midwest®, Kavo, and NSK.

- Offers comparable design, feel, and performance as the originals for half the price
- State-of-the-Art glass fiber optics
- Smooth push button chuck
- 3 port water spray
- *Complete interchangeability with original handpieces, turbines, and components*



Choosing a High Speed Handpiece

To help narrow down your selection, first answer the following 3 questions.

Do you want a handpiece that:

1. Is Fixed Back or Quick Disconnect?

- If Quick Disconnect, does it need to connect with another manufacturer's coupler?
- If so, whose?



2. Has a Standard Chuck or a Push Button Chuck?



3. Is Fiber Optic or Non-Fiber Optic?



Then use the chart on the following page to find a handpiece that has those features, as well as any additional features you want.

High Speed Handpieces

Fixed Back Handpieces

Description	J-P Part #	Other Features	Replaces
Standard Head	Non-Fiber Optic		
Challenger Standard (2 or 4 hole)	CH-SHS2 or 4	Chairside Replacement Turbine	Schein C-Type #112-4122, Schein Master #100-2231
Challenger Miniature Standard (4 hole)	CH-MHS	Chairside Replacement Turbine, Mini Head	Schein C-Type #112-5578, Schein Master #100-7111
Classic Standard (2, 3, or 4 hole)	CL-SHS 2,3, or 4	Chairside Replacement Turbine	Schein C-Type #112-4122 Schein Master #100-2231 Schein Master II #900-4608
Gemini Replacement for Midwest Tradition Standard Handpiece	G-MWT	3 Port Water Spray, Interchangeable with Midwest Tradition	Dentsply #750044
Standard Head	Fiber Optic		
Challenger Fiber Optic Standard	CH-FOHS	Chairside Replacement Turbine, Bright Optics	Schein Masterlight #900-4610 Schein Masterlight #100-9970
Gemini Replacement for Midwest Fiber Optic Standard Handpiece	G-MWTF	3 Port Water Spray, Bright Optics, Interchangeable with Midwest Tradition	Dentsply #750045
Push Button Head	Non-Fiber Optic		
Challenger Push Button (2 or 4 hole)	CH-PBHS2 or 4	Chairside Replacement Turbine	Schein C-type #112-6287, Schein Master PB #100-8267
Challenger Miniature Push Button (4 hole)	CH-MPBHS	Chairside Replacement Turbine, Mini Head	Schein C-type #112-5579
Classic Push Button (2,3, or 4 hole)	CL-PBHS2,3 or 4	Chairside Replacement Turbine	Schein C-type #112-6287, Schein Master PB #100-8367 Schein Master II #900-4609
Gemini Replacement for Midwest Tradition Push Button Handpiece	G-MWTPB	3 Port Water Spray, Interchangeable with Midwest Tradition	Dentsply#780044, #790044
Push Button Head	Fiber Optic		
Challenger Fiber Optic Push Button	CH-PBFOHS	Chairside Replacement Turbine, Bright Optics	Schein Masterlight II #900-4611, Schein Masterlight PB #101-0223
Gemini Replacement for Midwest Tradition Fiber Optic Push Button Handpiece	G-MWTFPB	3 Port Water Spray, Bright Optics, Interchangeable with Midwest Tradition	Dentsply #780045, #790045

Quick Disconnect Handpieces

Standard Head	Non-Fiber Optic		
Challenger Quick Disconnect Standard Handpiece	CH-SQDHP	Chairside Replacement Turbine Fits Schein and Benco Push & Swivel Couplers	
Push Button Head	Non-Fiber Optic		
Challenger Quick Disconnect	CH-PBQDHP	Chairside Replacement Turbine Fits Schein and Benco Push & Swivel Couplers	
Gemini Replacement for Kavo Super Torque 625/630/640 (large head) Handpiece	G-KSTPB	3 Port Water Spray, Torque Head, Interchangeable with Kavo	Kavo 625CD/646/S609C
Gemini Replacement for Kavo Bella Torque 632/642/643 (small head) Handpiece	G-KBTPB	3 Port Water Spray, Mini Head, Interchangeable with Kavo	Kavo 632/636.692/643CP/S605C
Gemini Replacement for NSK/Kinetic Viper Standard Handpiece	G-VSPB	3 Port Water Spray, Interchangeable with NSK/Kinetic	NSK, N75
Push Button Head	Fiber Optic		
Gemini Replacement for Kavo Super Torque 625/630/640 (large head) Fiber Optic Handpiece	G-KSTFOPB	3 Port Water Spray, Bright Optics, Interchangeable with Kavo	Kavo 625/630/640/647/659 6000/6500/M8900L/E679L/S619L
Gemini Replacement for Kavo Bella Torque (Small Head) Fiber Optic Handpiece	G-KBTFOPB	3 Port Water Spray, Mini Head, Bright Optics, Interchangeable with Kavo	Kavo 632/642/4500 E675L/S615L
Gemini Replacement for NSK/Kinetic Viper Standard Fiber Optic Handpiece	G-VSFOPB	3 Port Water Spray, Bright Optics, Interchangeable with NSK/Kinetic	NSK/NL85/Viper 360

PROMETHEUS™ Coupler

The Greatest Advancement
in Handpiece Technology in 40 Years



For Kavo
#PRO-KLEDQDS



For Star®
PRO-SLEDQDS



For NSK
#PRO-NLEDQDS



Adapt 4 to 5 Hole, Adapt 2 to 5 Hole
#PRO-4HLEDQDS/#PRO-2HLEDQDS

- 1 Choose your favorite Kavo, Star®, NSK, or Midwest® fiber optic handpiece
- 2 Connect the corresponding PROMETHEUS™ Coupler
- 3 Eliminate fiber optic system and installation

***Self-contained LED Couplers to upgrade to fiber optics or
expand/fix/replace existing fiber optic systems***

The Prometheus™ Coupler provides bright LED light without the need or cost of traditional fiber optic systems. Simply connect the corresponding Prometheus™ Coupler to your favorite fiber optic handpiece (Star®, Kavo, NSK, Midwest® or fixed back) and eliminate the power supply, fiber optic hoses and installation. Enjoy bright LED light instantly for about the same price as a standard quick disconnect coupler.

*No implication is made that any of these products are original factory products or that any of the companies endorse our products.
Midwest® is a registered trademark of Dentsply International. Star® is a registered trademark of DentalEZ.

High Speed Handpieces

CHALLENGER SERIES



Now you don't have to choose between quality and price.

CHALLENGER SERIES Choices

In office replacement cartridge

- Reduces repair cost and downtime
- Factory balanced turbine for excellent concentricity



Standard Head (*bur tool type*)



4 Hole

CH-SHS4



2 Hole

CH-SHS2

Quick bur changes

- Convenient push button chuck
- Improved chuck locking system for long lasting retention



Push Button Head



4 Hole

CH-PBHS4



2 Hole

CH-PBHS2

Small profile

- Provides great access
- Better visibility



Miniature Standard Head (*bur tool type*)



4 Hole

CH-MHS

Miniature Push Button Head



4 Hole

CH-MPBHS

Bright optics

- Dual fiber optics shine light directly on preparation
- Reduces operator stress and fatigue



Fiber Optic Standard Head



5 Hole

CH-FOHS

Fiber Optic Push Button Head



5 Hole

CH-PBFOHS

Prometheus Coupler with self-contained fiber optics



4 Hole

PRO-4HLEDQDS

Quick Disconnect Coupling

- Smooth swiveling to reduce fatigue
- Quick click for easy use and cleaning
- Compatible with Push & Swivel, Shein Master Swivel and NSK QD-J style handpieces



Quick Disconnect Standard Handpiece Only

CH-SQDHP

Quick Disconnect Push Button Handpiece Only

CH-PBQDHP

Quick Disconnect Swivel 4 or 2

CH-QDSW4or2

Quality at an amazing price

High Speed Handpieces

CLASSIC SERIES



*Reliability and value
make the Classic the
industry standard.*

*Over 200,000
units in service*

In office replacement cartridge

- Reduces repair cost and downtime
- Factory balanced turbine for excellent concentricity



Quick bur changes

- Convenient push button chuck
- Improved chuck locking system for long lasting retention



Ergonomic design and surface

- Enhanced grip for better control



Industry leading bearings

- Leading ceramic ABEC7 bearings with unique cage and lubricant materials provide long-lasting consistent performance with repeated sterilization



Super strong push button chuck system

- Enhanced bur retention and long-lasting reliability



CLASSIC SERIES

Choices

Standard Head (bur tool type)



4 Hole

CL-SHS4



2 Hole

CL-SHS2

Push Button Head



4 Hole

CL-PBHS4



2 Hole

CL-PBHS2

Reliable and practical

High Speed Handpieces

GEMINI SERIES

Replacement handpieces for Midwest[®], Kavo, and NSK

- Comparable design and performance as the originals for a fraction of the price!
- Fit coupling systems of the originals and offer complete interchangeability with the original handpieces, turbines, and component parts.

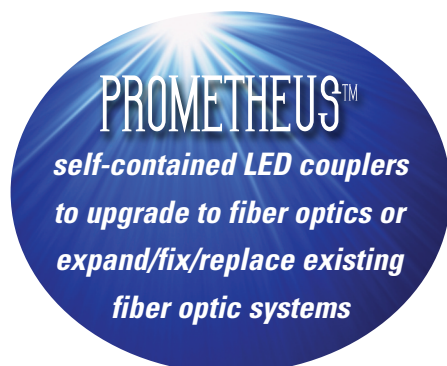
REPLACEMENT FOR MIDWEST[®] TRADITION[®]



- Provides smooth and controlled cutting with high torque
- Durable, even after repeated sterilization
- Mid-sized head for superior access with high torque
- Bright twin beam fiber optics eliminates shadows
- Fine mist water spray
- Lightweight

GEMINI SERIES

Choices



PROMETHEUS



Handpieces	PART #	CROSS REFERENCE #
Non-Fiber Optic		
Standard Tool Type	G-MWT	sc#7720733, 7721898 mw#750044
Push Button	G-MWTPB	sc#7726063, 7724247 mw#780044, 790044
Fiber Optic		
Standard Tool Type	G-MWTFO	sc#7729466, mw#750045
Push Button	G-MWTFOPB	sc#7720887, 7727345, mw#780045, 790045
Couplers		
Prometheus with self-contained LED fiber optics	PRO-4HLEDQDS	

*No implication is made that any of these products are original factory products or that the companies endorse our products. Midwest and Tradition are registered trademarks of Dentsply International.

High Speed Handpieces

GEMINI SERIES

Replacement handpieces for Midwest[®], Kavo, and NSK

- Comparable design and performance as the originals for a fraction of the price!
- Fit coupling systems of the originals and offer complete interchangeability with the original handpieces, turbines, and component parts.



REPLACEMENT FOR KAVO

- Ceramic bearings for smooth, quiet operation
- Durable glass cellular optics providing excellent brightness
- Multiflex LUX connection
- Push button auto chuck
- 3 port water spray for excellent bur cooling and more efficient cutting
- Super torque provides industry-leading torque for fast, efficient preparations
- Bella Torque's smaller head provides easier access and quiet operation



PROMETHEUS™

*self-contained LED couplers
to upgrade to fiber optics or
expand/fix/replace existing
fiber optic systems*

4 HOLE



5 HOLE



6 PIN



6 PIN LED



PROMETHEUS



GEMINI

SERIES

Choices

	PART #	CROSS REFERENCE #
Handpieces		
Push Button Only		
Bella-Torque Style <i>(smaller head, easier access)</i>		
Non-Fiber Optic	G-KBTPB	Kavo 632/636, 642, 643CP, S605C sc#6284588
Fiber Optic	G-KBTFOBP	Kavo 632/642, 4500, E675L, S615L sc#6282596, br#5012737u0
Super Torque Style <i>(largest head, strongest torque)</i>		
Non-Fiber Optic	G-KSTPB	Kavo 625CD, 646, S609C sc#6284885
Fiber Optic	G-KSTFOBP	Kavo 625/640/647/659/6000/6500 M8900L/E679L/S619L sc#6280504, br#5012738u0
Multiflex-type Couplers		
Non-Optic 4 Hole	W-KQDS	457 sc#6287944
Fiber Optic 5 Hole	W-KFOQDS	1390 sc#6289674, br#501422600
Fiber Optic 6 Pin	W-K6PQDS	465LRN, 460LE sc#6287519, 6282022
Fiber Optic 6 Pin LED	W-K6PQDS-LED	460LED 465LED sc#6280337, 6280339
Prometheus with Self-Contained LED Fiber Optics	PRO-KLEDQDS	

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High Speed Handpieces

GEMINI SERIES

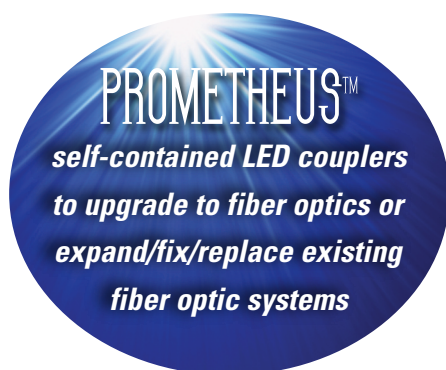
Replacement handpieces for Midwest[®], Kavo, and NSK

- Comparable design and performance as the originals for a fraction of the price!
- Fit coupling systems of the originals and offer complete interchangeability with the original handpieces, turbines, and component parts.

REPLACEMENT FOR NSK



- Ceramic bearings for smooth, quiet operation
- Bright dual beam fiber optics eliminate shadows
- Push button auto chuck with enhanced bur retention system
- 360° swivel to reduce fatigue and for convenient quick-click connections
- Mid-size head provides excellent balance for high torque and good intra-oral access



4 HOLE



5 HOLE



6 PIN



PROMETHEUS



GEMINI SERIES

Choices

	PART #	CROSS REFERENCE #
Handpieces		
Push Button Only		
Non-Fiber Optic	G-VSPB	N75 br#500980100
Fiber Optic	G-VSFOPB	Viper 360.NL85 br#5009781u0.5012734u0. 5012733u0
Couplers		
Non-Optic 4 Hole	W-NQDS	NL11 br50098200.5009809u0
Fiber Optic 5 Hole	W-NFOQDS	N10 br#5009875u0.50099802u0
Fiber Optic 6 Pin	W-N6PQDS	NL10 br#5009820u0.5009820u0
Prometheus with self-contained LED fiber optics	PRO-NLEDQDS	

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Johnson-Promident University

Low Speed Handpieces 101

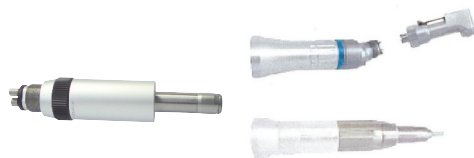
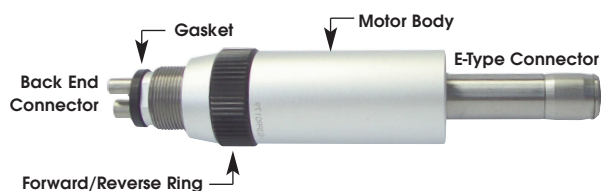
Overview

What is a Low (Slow) Speed Handpiece?

- A hand held motor, usually air-driven (can also be electric), that spins a cutting bur or prophy cup at 50,000 RPM or less.
- Used for removal of caries, refining a cavity preparation, performing prophylaxis, and other endodontic and implant procedures.
- Straight attachments that use handpiece burs are generally used for trimming prosthetics.

How Does a Low Speed Handpiece Work?

- An airline is attached to the back end of the handpiece, similar to a high speed handpiece.
- When air is introduced into the handpiece (via the chair unit foot pedal), air is forced over the vanes of the rotor (consisting of vanes or blades), which causes it to spin.
- After the air moves around the rotor, it is forced out through the handpiece's back end exhaust port.



Vane/Blades



Drive Gear



O Rings



Bearings



Ring Gear



Rotor Assembly

Features and Functions

How Fast Does a Low Speed Handpiece Run?

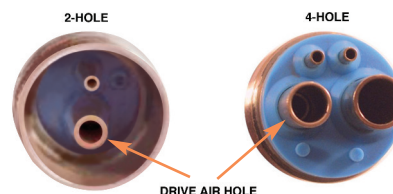
- The speed depends upon the pressure (PSI) of the air supply, the configuration of the rotor components, and the gears inside the motor.
- Low speed handpieces are designed to handle much more air pressure than high speed handpieces.
- Typical low speed motors, without gear reductions, running at 40 PSI should spin at approximately 20,000 rpm.
- Speed reducing gears allow the handpiece to generate significantly more torque.
- Hygienist handpieces and low speeds used for prophylaxis generally operate at 5,000 RPM.
- Endodontic and implant procedures use attachments to reduce the speed to 1,500 rpm or less and generate very high levels of torque for optimal control.

What Type of Handpiece Connections and Tubing Compatibility Does a Low Speed Handpiece Have?

- Similar to high speed handpieces, low speed handpieces can be either fixed back or quick disconnect style, with 2 different tubing configurations: 2 hole and 4 hole.
- Because low speed handpieces operate at significantly lower speeds than high speed handpieces, there is less need for cooling the tooth with air and water spray.
- Therefore, most low speed motors are configured so that no water is transferred through the water tubes; however, low speed handpieces still maintain the international standard backends that high speed handpieces have, for the sake of compatibility with tubing.

How Long Will a Low Speed Handpiece Last?

- Low speed handpieces can have long life spans due to the low operating speeds and design differences (compared with high speed handpieces.)
- The handpieces can be repeatedly overhauled but should have professional maintenance conducted every 6-12 months.



Johnson-Promident University

Low Speed Handpieces 101

E-Type and Doriot

E-Type Low Speed Handpieces

- Multi-piece handpieces consisting of a motor and various attachments (the motor cannot be used without an attachment).



- E-Type is an international standard for how attachments are placed on a motor; most E-Type motors and attachments are interchangeable, like KaVo, NSK, W&H, and Bion Air. However, Midwest and Star brands have proprietary designs.
- 2 primary types of attachments:

NOSE CONE/STRAIGHT ATTACHMENT



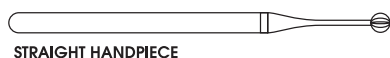
- Can accept straight handpiece burs, mandrels, proph angles, and doriot/U-Type contra angles.
- Come either as a 1:1 transmission, which maintains the motor speed, or as a 4:1 gear reduction, primarily used with prophies to reduce the handpiece speed to a rate that reduces the splatter of paste and the potential to burn a patient.

CONTRA ANGLE



- Generally accepts either a bur or a proph cup.
- Has 2 components: a sheath and a head.
- Sheath attaches to the E-Motor and can have gear reduction characteristics.
- Head comes in a wide range of options and has the mechanism to hold a bur or proph cup.
- Head screws onto the sheath and can easily be exchanged for other options.

Matching Bur Types with Handpieces



STRAIGHT HANDPIECE

- For use in straight attachments/nose cones and Doriot-type low speed handpieces.

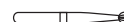


LATCH CONTRA-ANGLE

- For use in latch-type contra angle heads in low speed handpieces.



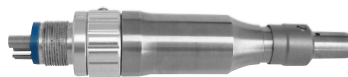
FRICION GRIP (STANDARD LENGTH)



FRICION GRIP SHORT SHANK

- For use in high speed handpieces and friction grip low speed contra angle heads.

Doriot Low Speed Handpieces



- One-piece slow speed handpieces consisting of a motor combined with a nose cone-type front end.
- Does not require an additional attachment to perform certain procedures since it can generally accept a straight handpiece bur, mandrel, proph angle, and doriot/U-type contra angles.

Hygienist Handpieces



- A special kind of doriot handpiece, designed just for prophylaxis with a compact, light design and a swivel nose.
- Has an internal gear reduction and operates at 5,000 RPM.
- Many hygiene handpieces have special friction grip-type chucking mechanisms that will only accept disposable proph angles.

Advantages of Doriot-type Handpieces

- Shorter than E-Type motor/nose cone combinations.
- Can duplicate any E-Type/attachment combination without additional attachments required.

Disadvantages of Doriot-type Handpieces



- When used with doriot/U-Type contra angles, the handpiece can get very long, making it awkward for the dentist.



Johnson-Promident University

Low Speed Handpieces 101

Attachments and Angles

Contra Angle Heads

- Designed for two primary uses:
 - 1) To accept burs to remove caries and for cavity preparation.
 - 2) To take prophy cups for prophylaxis.

1) FOR BURS

- Designed to take Latch Type (RA) burs (most common for low speed handpieces) or Friction Grip (FG) burs (similar to high speed handpieces).

Latch type heads have three different mechanisms for holding the bur:



Swing Latch

- No technical advantage of one over another.



Spring Latch

- Push button heads are considered more convenient for bur changes, but they are generally much more expensive and have more mechanical parts that can fail.



Push Button Latch

- We believe that spring latch heads provide the ease of push button but the reliability of swing latch.

Friction Grip Type Heads have two mechanisms for holding the bur (similar to high speeds):

Bur Tool Type



- Push button heads provide the convenience of quick and easy bur changes but cost significantly more and fail more quickly than bur tool types.



Push Button Type

2) FOR PROPHY HEADS

- There are two primary designs for attaching the prophy cup to the head: snap-on and screw-type.



Snap-On



Screw-Type

Quality Ratings of Contra Angle Heads

- Heads are rated on capability: 20K, 30K, 40K.
- 20K, 30K, 40K heads all perform the same function; the primary difference between heads of different ratings is the longevity of the head.

- **40K RPM** (highest rating): internal components include a ball bearing cartridge which extends the life of the head under normal operating conditions.

40K RPM rating means that the head can handle the stresses of this speed (although most low speed motors do not exceed 20,000 RPM).

- **30K RPM** (middle range rating): has an oil-impregnated brass bushing to reduce friction and improve longevity.

- **20K RPM** (lowest range rating): does not contain any special friction-reducing components and therefore has the shortest operating life.

However, a 20K RPM head is still adequate for all low speed motor applications, and with proper maintenance should provide a dentist with a useful life and great value.

- Choices should be made based upon frequency and type of use.

Other/Specialty Types of Contra Angle Heads

- 10:1 Gear Reduction (very slow and high-torque).
- Endodontic ¼ Turn (the bur does not spin but rotates back and forth).
- Mini (small head for better access).

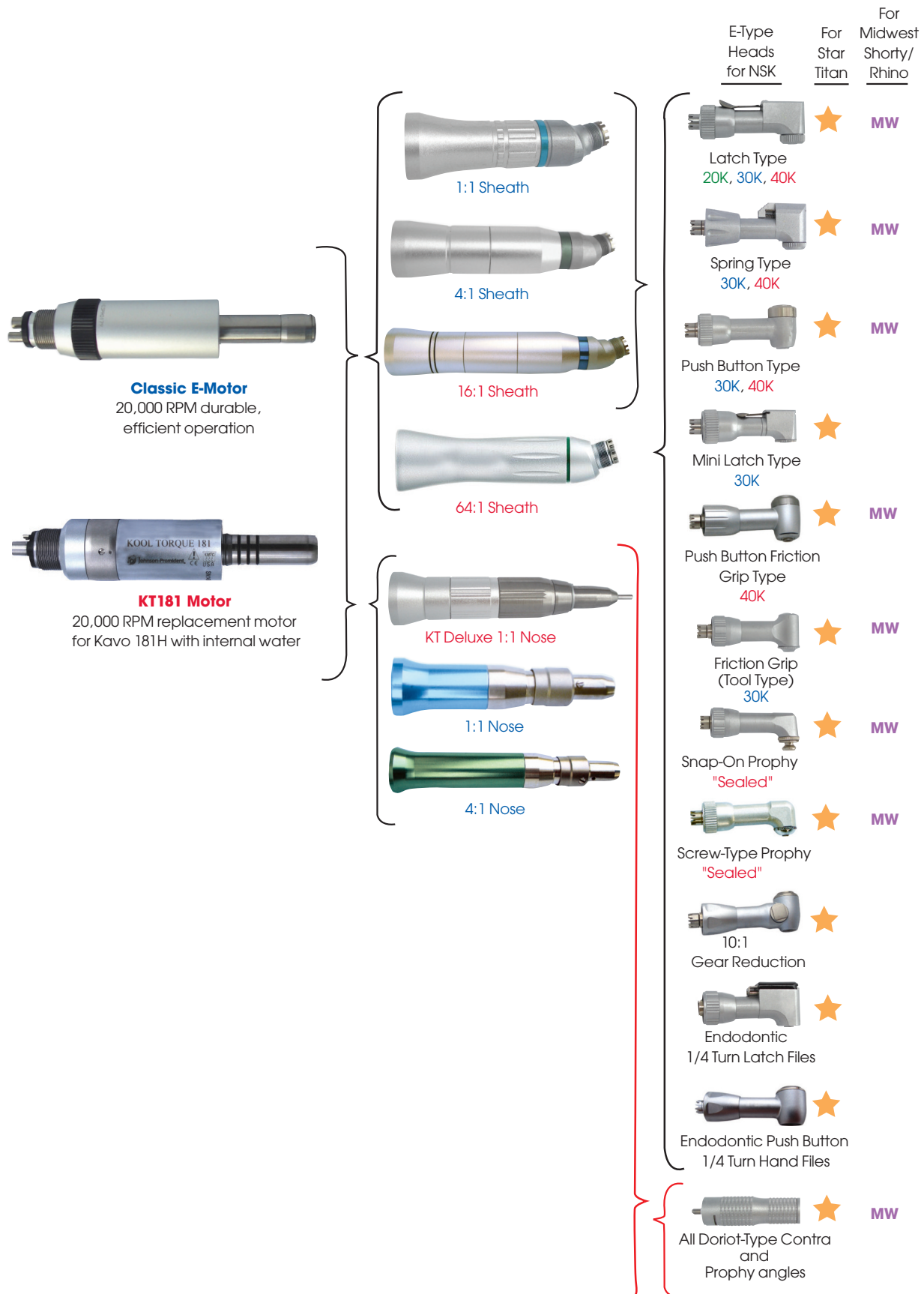
Doriot/U-Type Contra Angles

All the same configurations, rating, and options available for heads are also available in U-Type contra angles, either for a doriot-type handpiece or a nose cone/straight attachment.



Low Speed Handpieces

E-Type Motor Combinations



Low Speed Handpieces

E-Type Motors

Classic E-Type Air Motor (20,000 RPM) or (5,000 RPM)



- Designed for durable and reliable performance
- Excellent combination of price and performance
- Perfectly balanced lightweight design
- Compatible with all standard "E" type attachments
- Smooth and quiet operation
- Equal Speeds forward and reverse
- Air Motor with internal air and water (20,000 RPM)

Classic E-Motor 20K		ECL-4
Classic E-Motor 20K		ECL-2
Classic E-Motor 5K		ECL5K-4
Classic E-Motor 5K		ECL5K-2

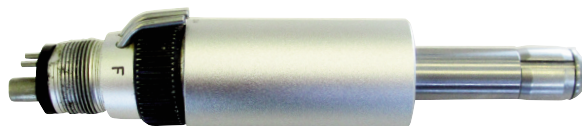
Classic E-Type Slow Speed Set




- Includes 20,000 RPM E-Type motor, nose cone, and 30K Contra Angle

Classic E-Motor 20K Slow Speed Set		ECL3SET
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Classic E-Motor 20K with External Water



Classic E-Motor 20K with external water 4H		WECL-4
Classic E-Motor 20K with external water 2H		WECL-2

KT181 Deluxe E-Type Motor (20,000 RPM)

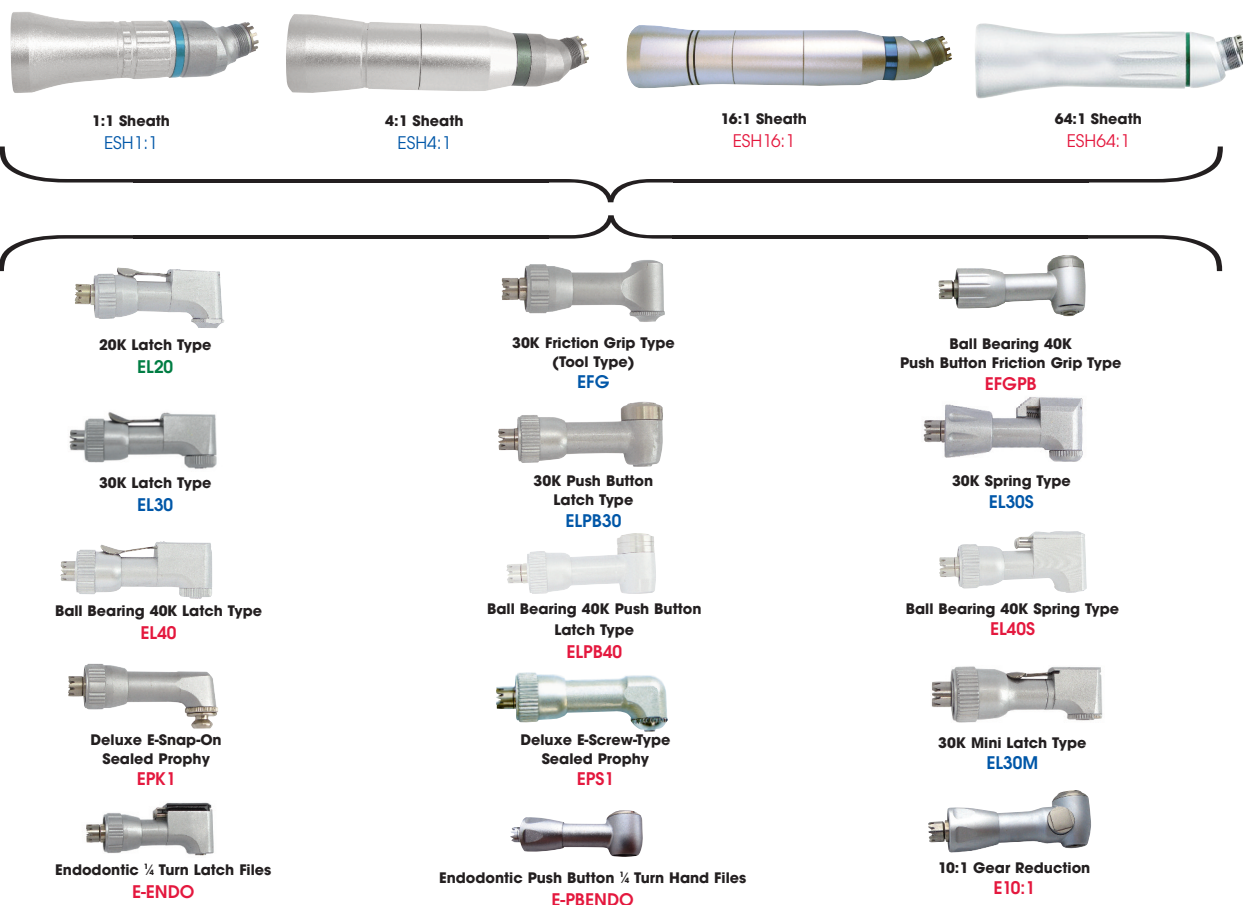


KT181 E-Motor 20K		KT181
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- Internal water coolant
- Premium motor comparable to Kavo 181H
- Smooth vibration-free operation
- Forward/Reverse speed adjustment
- Universal E-type connection
- 1 year warranty

E-Type Sheaths and Heads

Fit any "E-type" or NSK coupling attachment



E-Type Contra Angles

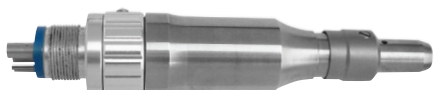
Fit any "E-type" or NSK coupling attachment



Low Speed Handpieces

Hygienist & Doriot Handpiece Combinations

Hygienist Handpieces



Short Gripper II (5K)

- 5,000 RPM compact, well-balanced and lightweight
- Accepts standard contra angles and disposable prophyl angles



Hygienist Plus

- 5,000 RPM ergonomically designed for effortless operation
- Specifically designed for disposable prophyls



Clear Advantage

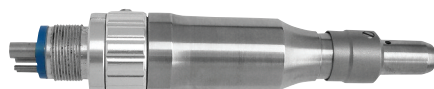
- 5,000 RPM replacement for Midwest® RDH® hygiene handpiece
- Specifically designed for disposable prophyl angles
- Lightweight ergonomic design



Micromite "Hawk"

- 5,500 RPM ultra high torque at low speeds
- Accepts standard straight handpiece burs, contra angles, and disposable prophyl angles

"Doriot" Handpieces



Short Gripper II (20K)

- 20,000 RPM ultra high torque at low speeds
- Accepts standard straight handpiece burs and contra angles



Micromite "Black Demon"

- 25,000 RPM ultra high torque durable workhorse
- Dual capability: low speed contra angle and lab applications
- Accepts standard straight handpiece burs and contra angles

Doriot/ U-Type Contra Angles



Snap-On Prophyl Standard



Snap-On Prophyl "Sealed"



Screw-Type Prophyl Standard



Screw-Type Prophyl "Sealed"



Standard Latch Type 20k, 30k



Sectional Latch Type 30k, 40k



Spring Type 30k, 40k



Push Button Type 30k, 40k



Mini Latch Type 30k



Push Button Friction Grip Type 40k



Friction Grip Type 30K
(Tool Type)



10:1 Gear Reduction



Endodontic 1/4 Turn

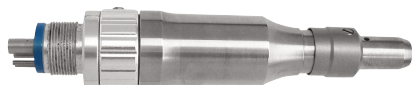
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Low Speed Handpieces

Doriot/Hygienist Handpieces

Doriot Handpieces

Short Gripper II (20,000 RPM)



- Compact, well balanced and light weight, providing precise control
- No separate attachments needed – one piece assembly
- Chuck accepts all standard contra angles and handpiece burs
- Quick chuck release – 1/4 turn “open-close”
- Low noise and low air consumption
- Variable speed up to 20,000 RPM with equal speeds forward and reverse

Micromite “Black Demon” (25,000 RPM)



- Ultra high torque durable workhorse designed with dual capability
 - Low speed contra angle applications
 - Laboratory straight handpiece
- Smooth and quiet operation
- Accepts all standard contra angles
- Accepts standard straight handpiece burs and mandrels
- Quick release chuck – 1/4 turn “open-close”
- Forward and reverse rotational control
- 360° swivel feature prevents tube twisting and back end drag

Ecotex Disposable Proply Angles

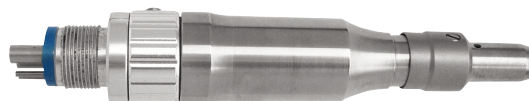
- Ultra strong construction to reduce vibrations
- Webbed cups to prevent splattering
- Bevel gear design for smooth, quiet performance
- Economical, individually wrapped angle
- Designed to fit all low speed, doriot (straight nose cone) style handpieces
- Latex- and odor-free



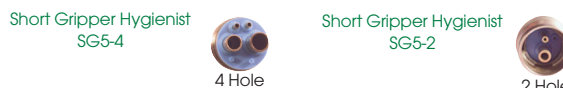
SOFT BOX OF 100 #23101
FIRM BOX OF 100 #23103
 Sold in cases of 6 boxes of 100

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Hygienist Handpieces



Short Gripper II (5,000 RPM)



- Compact, well balanced, light weight and fully autoclavable
- Low noise and low air consumption
- Quick chuck release – 1/4 turn “open-close”
- No separate attachments needed – one piece assembly
- Equal speeds forward and reverse
- Chuck accepts all standard contra angles and disposable prophyl angles

Hygienist Plus (5,500 RPM)



- Specially designed for prophies, accepts disposable prophyl angles ONLY
- Ergonomically designed for effortless operation
- Lightweight and with a 360° swivel nose
- Simple push/pull friction grip chuck system, fully autoclavable
- Quiet sleek design

Clear Advantage (5,000 RPM)



- Compare design, performance, and warranty to the Midwest® RDH®
- Lightweight, ergonomic design for better positioning and reduced fatigue
- Smooth 360° swivel for better comfort and access
- Removable autoclavable color bands for handpiece identification

Micromite “Hawk” (5,500 RPM)



- With over 25 years of service, it sets the industry standard for reliability
- Designed to provide ultra high torque at slow speed
- No separate attachments needed – one piece assembly
- Ideal for prophyl applications
- Forward and reverse rotational control
- Quick release chuck – 1/4 turn “open-close”
- Accepts all standard prophyl angles and disposable prophies, contra angles, and straight handpiece burs
- 360° swivel feature prevents tube twisting and back end drag

Low Speed Handpieces

Doriot/U-Type Contra Angles & Nose Cones

Nose Cones fit any "E-type" or NSK coupling

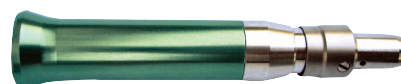
Use with U-type contra angles or straight handpiece burs



1:1 Nose Cone
ESGN1:1



KT Deluxe 1:1 Nose Cone
ENC



4:1 Nose Cone
ESGN4:1



20K Standard Latch Angle
R20U



30K Friction Grip Angle (tool type)
FG30U



Standard Snap-On Prophyl Angle
PK-2



30K Standard Latch Angle
R30U



Ball Bearing 40K Push Button Friction Grip Angle
FGPB40U



Deluxe Sealed Snap-On Prophyl Angle
SPK-2



30K Deluxe Sectional Latch Angle
S30U



Ball Bearing 40K Deluxe Sectional Latch Angle
BB40U



Standard Screw-Type Prophyl Angle
PS-1



30K Spring Latch Angle
S30US



Ball Bearing 40K Spring Latch Angle
BB40US



Deluxe Sealed Screw-Type Prophyl Angle
SPS-1



30K Push Button Latch Angle
S30UPB



Ball Bearing 40K Push Button Latch Angle
BB40UPB



30K Mini Latch Angle
M30U



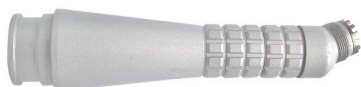
10:1 Gear Reduction Angle
S10:1



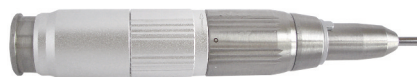
Endodontic 1/4 Turn Angle
S-ENDO

Low Speed Handpieces

Attachments & Heads for **Midwest®** Systems



Contra Angle Sheath
for **Midwest®**
MWSH
DENTSPLY #710074



Straight Nose Cone
for **Midwest®**
MWNC
Accepts all Doriot/U-Type Contra Angles
(see page 22)
DENTSPLY #720005



20K Latch Type
MW1A



Deluxe Sealed
Screw-Type Proply
MW2
DENTSPLY #720446



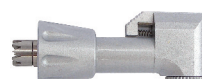
Deluxe Sealed
Snap-On Proply
MW3



30K Latch Type
MW1



30K Push Button Latch Type
MWPB30
DENTSPLY #720485



30K Spring Type
MW1S



Ball Bearing
40K Latch Type
MW4



Ball Bearing
40K Push Button Latch Type
MWPB40
DENTSPLY #720485



Ball Bearing
40K Spring Type
MW4S



Contra Angle for Trutorq
MWT1
DENTSPLY #710071



30K Friction Grip Type
(Tool Type)
MWFG



Friction Grip Push Button
MWFGPB
DENTSPLY #720475

E-Dapter for **MIDWEST®**

Transform a Shorty®/Rhino® into a Universal E-motor.

- Share attachments between different brands of handpieces within an office, easing product transitions.
- Use more common, broader ranging and less expensive E-Type attachments.



Midwest® E-Dapter
E-DAPTM

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Low Speed Handpieces

Motor & Attachments for **Star® Titan®** Systems

Replacement Motors for Star® Titan® Fixed Back and Quick Disconnect



- 5,000 and 20,000 RPM low speed motors
- Fully interchangeable and compatible with Star® Titan® low speed systems
- Johnson-Promident now offers the complete line of replacements for Star® Titan® low speed products...for a fraction of the price
- Same warranty protection as Star®

20K Fixed Back Motor



TCL-4

Star #
262262,
263941

20K Fixed Back Motor



TCL-2

5K Fixed Back Motor



TCL5K-4

Star #
262261,
263940

5K Fixed Back Motor



TCL5K-2

20K Quick Disconnect Motor



STIT3

Star #
262262/263941

5K Quick Disconnect Motor



STIT3-5K

Star #
262261/263940

Slow Speed Quick
Disconnect Swivel



W-SSSQDS

Star #
260144



Motor to Angle Adapter
TITMA
Star #264073, #263943



Straight Nose Cone
TITNC

Star #257506, #263942
Accepts all Doriot/U-Type Contra Angles
(see page 22)



20K Latch Angle
TIT1



30K Latch Angle
TIT4



Ball Bearing
40K Latch Angle
TIT5

Star #262738 Star #259005
Star #263948 Star #263947



Deluxe Sealed
Screw-Type Propphy
TIT2
Star #263240, #263946



Endodontic 1/4 Turn Angle
TIT-ENDO
Star #262571



30K Push Button Latch Angle
TITPB30



Ball Bearing
40K Push Button Latch Angle
TITPB40
Star #262737 Star #261335
Star #263950 Star #263949



Deluxe Sealed
Snap-On Propphy
TIT3
Star #263240, #263946



40K RPM Push Button Friction
Grip Type
TITFGPB
Star #262739 Star #264149
Star #263954 Star #263953



30K Mini Latch Angle
TIT4M



30K Spring Latch Angle
TIT4S



Ball Bearing
40K Spring Latch Angle
TIT5S



10:1 Gear Reduction Angle
TIT-10:1
Star #258985, #263951



30K Friction Grip Angle
(Tool Type)
TITEFG
Star #263952 Star #258965
Star #263955 Star #262740

E-Dapter for Star®

Transform a Star® Titan® into a Universal E-Motor.

- Share attachments between different brands of handpieces within an office, easing product transitions.
- Use more common, broader ranging and less expensive E-Type attachments.



Star E-Dapter E-DAPT-S



"Just One Click"

No implication is made that any of these products are original factory products or that any of the companies endorse our products. Star and Titan are registered trademarks of DentalEZ.

Low Speed Handpieces

Attachment & Heads for KaVo Systems

ATTACHMENTS

1:1 Ball Bearing Contra Angle Replacement for Kavo 20CH

- Internal air and water
- Connects to all Kavo Intralux heads
- Speed range up to 40,000 RPM

KSH20



1:1 Fiber Optic Ball Bearing Push Button Contra Angle Replacement for Kavo 20L, 20LN, 20LH, 20LP

- Internal air and water
- Connects to all Kavo Intralux heads
- Speed range up to 40,000 RPM
- Bright cellular optics

KFOSH20



1:1 Ball Bearing Straight Nosecone Replacement for Kavo 10CH, 10K, E10C

- Internal air and water
- 1 port spray
- Speed range up to 40,000 RPM

KE10



HEADS

Ball Bearing 1:1 Push Button Latch Head Replacement for Kavo L68B, 68LH

- Speed range up to 40,000 RPM
- Push button chuck for latch burs

KL68



Ball Bearing 2:1 Push Button Latch Head Replacement for Kavo 67LH, L67

- Speed reduction 2:1
- Push button chuck for latch burs

KL67



1:1 Friction Grip Latch Head Replacement for Kavo 80LD, L80

- Speed range up to 40,000 RPM
- Push button chuck for friction grip burs

KL80



LOW SPEED MOTOR

20K Air Motor with Internal Air and Water Replacement for Kavo 181H

- Internal water coolant
- Forward/Reverse speed adjustment
- Smooth, vibration-free operation
- Universal E-Type connection
- 1 year warranty

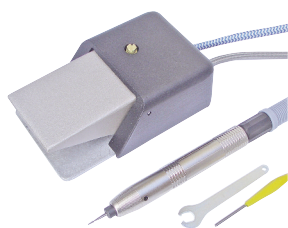
KT181



Laboratory Handpieces and Dowel Pins

Low Speed Handpieces

Kool-Torque (55,000 RPM)



KT-GL Kool Torque w/Foot Control
KT Kool Torque Handpiece Only
FC-S Foot Control w/Tubing
FC-SET Foot Control Set w/Regulator and Air Gauge
REG Air Regulator
GAG Air Gauge
QD-LAB Quick Disconnect Fittings for Lab Tubing

- Versatile heavy duty air driven handpiece operates at variable speeds with foot control from low speed to 55,000 RPM at 60 psi.
- Heavy Duty vane air motor is renowned for its exceptional durability.
- Ultra torque generating 1/4 horsepower at pressures above 40 psi.
- Unique motor stays cool even at speeds of 55,000 RPM with muffled air exhaust.
- Vibration free due to special 3-jawed lathe collet chuck and two main sealed support bearings resulting in increased comfort and more accurate cutting.
- Quick disconnect feature for convenient portability from station to station.

SuperPower Electric Lab Handpiece



- Durable and reliable 35,000 RPM micromotor
- Hand and foot speed control system
- High power and torque
- Optional on/off or variable speed foot pedals

ML350 SuperPower Lab Electric Handpiece, Control Box, On/Off Foot Control
ML350VAR SuperPower Lab Electric Handpiece, Control Box, Variable Foot Control
ML-FC Electric Lab On/Off Foot Control
ML-FCVAR Electric Lab Variable Foot Control
ML35HP SuperPower Lab Handpiece Only

Also see the Micromite Black Demon for Lab Use on Page 21



High Speed Handpieces

Straight Laboratory Handpiece (320,000 RPM)



HS-SL HS Straight Lab Handpiece
FC-S Foot Control w/Tubing

- Significant torque (1.5 times the torque of a conventional type).
- Fast efficient cutting at 40-45 psi of air pressure.
- Simple field replaceable canister type turbine.
- Uniquely designed to drastically reduce the noise of exhaust air.
- Push button mounting system for simple and correct bur changes.

Industrial High Speed Handpiece (350,000 RPM)



HS-IND Industrial Handpiece w/Barb
HS-IND4 Industrial Handpiece
HS-IND2 Industrial Handpiece
FC-S Foot Control w/Tubing



- Uses an industrial grade turbine which loves air - 50 psi for maximum cutting efficiency.
- Designed for rugged use on porcelain and industrial applications.
- Requires no lubrication.
- Industrial turbine fits most high speed canister type handpieces and is easy to change.

Precision Tolerance Dowel Pins

Standard Brass Dowel Pins #1 (Small), #2 (Medium), #3 (Large)	DP-1C	#1 Dowel Pin 100 pc
	DP-1M	#1 Dowel Pin 1000 pc
	DP-2C	#2 Dowel Pin 100 pc
	DP-2M	#2 Dowel Pin 1000 pc
	DP-3C	#3 Dowel Pin 100 pc
	DP-3M	#3 Dowel Pin 1000 pc
Nickel Plated Dowel Pins #2	DP-2MP	#2 Dowel Pin Nickel Plated 1000 pc
No Knurl Dowel Pins #2	DP-2NK100	Dowel Pin No Knurl 100 pc
	DP-2NK	Dowel Pin No Knurl 1000 pc
Dual/Twin Dowel Pins with Sleeve and Die Guard Pin & Sleeve Dowel (Pindex-Type)	DP-DUAL	Dual/Twin Dowel Pin 1000 pc
	DP-SM	Short Pin & Dowel (Pindex-Type) 1000 pc
	DP-MM	Medium Pin & Dowel (Pindex-Type) 1000 pc
	DP-LM	Long Pin & Dowel (Pindex-Type) 1000 pc

Scaling & Polishing

Sonic Air Scalers

Deluxe Sonic Air Scaler (Star® Titan® Compatible)



- Effective removal of hard calculus deposits and stains, gently and quietly.
- Connects to existing handpiece tubing and fits with many popular tips; comes with universal tip and wrench.
- Orbital water spray, completely autoclavable.

Flexsonic Swivel Air Scaler



- Compare to Star® Blis-sonic™
- Super efficient removal of hard calculus and stains
- Ergonomic, comfortable grip
- Quick disconnect swivel (compatible with Star® couplers) for improved comfort and easy removal from tubing

4 Hole Scaler

SCALER

Star# 263401
Star# 263401/264565

Scaler

BLISSW

Star# 264563

Coupler for Star® Scaler

W-SQDS4

Star# 261547



Tips for Star® Scalers



Universal Tip
SS-UNIV
Star# 261668



Perio Tip
SS-PERI
Star# 261669



Sickle Tip
SS-SI
Star# 261667



Tip Wrench
SS-WRCH

Max-Sonics Air Scaler



- Safe, efficient, and gentle air driven scaler.
- Convenient size and low air consumption.
- Connects to existing handpiece tubing, 3 tips included, completely autoclavable.

4 Hole Air Scaler w/3 Tips

SCALER-M4

2 Hole Air Scaler w/3 Tips

SCALER-M2

Compare to Schein Sonic Scaler 900-4012



Universal Tip SS-MAX-UNIV



Perio Tip SS-MAX-PERI



Sickle Tip SS-MAX-SI



Tip Wrench SS-MAXWRCH

Compatible with Schein and Rand sonic scalers

No implication is made that any of our replacement products are original factory products or that any of the companies endorse our products. Star and Titan are registered trademarks of DentalEZ. Blis-sonic is a trademark of DentalEZ.

Scaling & Polishing

Air Polishers

Better Air Polishing Technology!

The JetPolisher 2000™

(air polishing system)

and

JetSonic 2000M™

(combination air polishing and scaling system)

feature Deldent's exclusive,
patented Homogenous
Stream Technology (H.S.T.).

Homogenous Stream Technology (H.S.T.) mixes air, water, and sodium bicarbonate powder together within a single nozzle to produce a homogenous stream, unlike other air polishing systems in which there are separate nozzles for water and powder streams.

Benefits of Homogenous Stream Technology include:

- Virtual elimination of nozzle clogging.
- A more efficient polishing stream, so only 35 psi of air pressure is needed.
- A gentler, softer polishing action because sodium bicarbonate particles begin to soften within the spray head

The JetPolisher 2000 and The JetSonic 2000M's

polishing unit are harmless
to titanium implant surfaces
and are the
ONLY polishers
cleared by the FDA
for use around
titanium implants.*

JetPolisher 2000™

*Advanced compact,
non-clogging air polishing system
for about half the price of a
standard countertop polisher.*



- Non-clogging nozzle due to exclusive H.S.T. technology.
- Harmless to titanium implants.
- No installation required, completely portable, and can be moved easily from room to room (measures just 3.5"x3.5"x7.5").
- Connects directly to existing handpiece tubing (30-35 psi) via 2-3 hole or 4 hole connectors (Kavo, W&H, Sirona connectors also available).
- Uses existing dental unit's foot pedal.
- Lightweight and easy on the wrist.
- Fully detachable autoclavable handpiece and water control knob to prevent cross-infection.
- Large, easy-view powder reservoir.
- 2 year warranty.

#519310	JetPolisher 2000 with 4-Hole Connector
#519900	JetPolisher 2000 with Kavo-Type Connector
#519500	JetPolisher 2000 with Sirona-Type Connector
#519600	JetPolisher 2000 with W&H-Type Connector
#509120	Regular Handpiece
#509111	Booster Handpiece (for heavy stain)
#509550	Spray Head Tubes (bag of 50)
#500004	Jetstream Mint Powder (4 x 9 oz. tubs per carton)

*FOR CLEANING AROUND IMPLANTS UNDER DENTURES

Scaling & Polishing Scalers

JetSonic 2000M™

Advanced combination scaling and polishing unit with patented H.S.T. air polishing system and advanced scaling design features.



The air polishing portion of the JetSonic 2000M has all the features of the JetPolisher 2000 with the addition of warm water flow. The scaler side of this unique unit also offers advanced magnetorestrictive technology, including:

- Unique sensor technology recognizes and activates the selected handpiece (scaling or polishing).
- Advanced patented digital circuitry automatically tunes any "stack-type" insert, whether 25k or 30k.
- Advanced microchip feedback system maintains optimum scaling power for all settings.
- Power-Surge Mode™ technology increases power by 15-20% with a "double-click" on the foot switch for removal of tenacious deposits. The pre-selected power setting returns automatically when the foot control is released.
- Large, easy-view powder reservoir (no need to stop to add powder).
- Convenient rinse mode available.
- Water heating feature
- 2 year warranty.
- Comes with two scaling inserts, polishing powder, and spray-head tubes to get you started.

#533000	JetSonic 2000M 115v
#509120	Regular Handpiece
#509111	Booster Handpiece (for heavy stain)
#509550	Spray Head Tubes (bag of 50)
#500004	Jetstream Mint Powder (4 x 9 oz. tubs per carton)
#524000	Stream Selector 2000

JetStream Propphy Powder



- Fresh tasting sodium bicarbonate powder with a hint of mint
 - Convenient 2.2 pound boxes with 4 foil safety-sealed, snaplid plastic jars.
 - For use in JetPolisher 2000 and JetSonic 2000M and in all standard prophy units.
- #500004

DelSonic™ 2000



High-Tech Piezo Ultrasonic Scaler



- Sleek, compact, quiet, powerful, and portable.
- Linear tip vibration, for more efficient and more comfortable scaling.
- High frequency 30 kHz design provides greater patient comfort than the competition (less vibration against teeth).
- Cool running, high torque handpiece (minimal tip warmth).
- Fully autoclavable handpiece sleeves, so purchasing additional handpieces is not necessary.
- Range of tips available for all clinical needs.
- Tips are designed to introduce spray even into deep pockets.
- May be used with any independent fluid supply system dispensing purified water or medicaments.
- 2 year warranty (compare with competitive brands' one year warranty on handpiece).

#512200 Delsonic 2000, 115v

Tips for DelSonic 2000

	#512050	#1 Universal Piezo tip
	#512052	#2 Round Straight Piezo tip
	#512058	#2 Round Right Piezo tip
	#512060	#2 Round Left Piezo tip
	#512061	#3 Flat Horizontal Piezo tip
	#512051	#4 Perio Straight Piezo tip
	#512136	Tip Changing Tool
	#512103	Autoclavable handpiece sleeves (set of 3)

Advantages of linear tip vibration, compared with elliptical vibration (Cavitron®-Type):

- Smoother root surface
- More efficient tartar removal
- Easier amalgam overhang removal

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Scaling & Polishing

Ultrasonic Inserts

A complete selection of ultrasonic scaling inserts for all stack-type (magnetostrictive) ultrasonic scaler units such as Cavitron® scalers and others.

- Fully autoclavable
- Choice of styles available
- The better choice of inserts at highly competitive prices
- Resin or metal handles
- Available in 25k and 30k series
- 3 month warranty



Longer plates vibrate at 25k frequency
Resin (plastic) handles have water spray that comes from inside the tip



Shorter plates vibrate at 30k frequency
Metal handles have external water spray

DELDENT				
ITEM DESCRIPTION	ITEM #	BEST FOR	DENTSPLY	HU-FREIDY
RESIN-HANDLE INSERTS "DF-SERIES"				
DF #3 Flat 25K	508600	• Heavy to moderate supragingival deposits • Cement removal	TFI-3 Beavertail/#6121702	#3 Streamline® Beavertail/#UI325K
DF #3 Flat 30K	508700		TFI-3 Beavertail/#6374102	#3 Streamline® Beavertail/
DF #10 Universal 25K	508601	• Heavy to moderate supragingival deposits • Light to moderate subgingival deposits	TFI-10 Straight/#6121708	Original Prophy Plus/#UI1025K
DF #10 Universal 30K	508701		TFI-10 Straight/#6374106	Original Prophy Plus/#UI1030K
DF #1000 3-Bend 25K	508607	• Light to moderate supragingival deposits	TFI-1000 (Triple-Bend)/#6122001	#1000 Streamline® Triple-Bend/#UI100025K
DF #1000 3-Bend 30K	508707		TFI-1000 (Triple-Bend)/#6374110	#1000 Streamline® Triple-Bend/#UI100030K
THINLINE SUBGINGIVAL INSERTS (LOW POWER ONLY)				
DF #100 Straight 25K	508604	• Light subgingival deposits	FSI-100/#80795, FSI-SLI 10/#80392	#100 Streamline®/#UI25K100S
DF #100 Straight 30K	508704		FSI-100/#80798, FSI-SLI 10/#80395	#100 Streamline®/#UI30K100S
ALL METAL INSERTS "DP-SERIES"				
DP #10 Universal 25K	508801	• Heavy to moderate supragingival deposits • Light to moderate subgingival deposits.	P10/#6120108	#10 After Five®/#UI25KSL10S
DP #10 Universal 30K	508901			#10 After Five®/#UI30KSL10S
SUBGINGIVAL INSERTS (LOW POWER ONLY)				
DP #100 Straight 25K	508804	• Light subgingival deposits	SLI-10S Straight/#79290	
DP #100 Straight 30K	508904		SLI-10S Straight/#79611	

#508006 O-Rings (package of 12)

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Scaling & Polishing Accessories

Miniblaster™



Fully autoclavable clinical sandblaster designed to enhance adhesive dentistry procedures.

- Produces microretentive surfaces to enhance bonding to all dental materials.
- Index-finger controlled valve gives maximum ergonomic control and requires less operating pressure.
- Designed for left- and right-handed operators.
- Unique ratchet system for simplified nozzle rotation and angulation; no need to waste time loosening and tightening collars.
- FDA approved for intra-oral use.
- Tungsten carbide nozzle for wear resistance.
- Optional nozzle extension with 360° rotation for difficult to reach areas.
- In-line high pressure stop-cock with built-in on/off toggle included.
- Simple installation kit included.
- Can also use at 35psi on existing handpiece tubing or handpiece quick disconnect (Kavo, W&H, Sirona).
- 1 year warranty.

#505000	Miniblaster
#505130	Miniblaster Extension Nozzle
#505123	Miniblaster Quick Disconnect Hook-Up Kit w/Metal 1/4" T
#505124	Miniblaster Quick Disconnect Hook-Up Kit w/Metal 3/8" T
#505126	Miniblaster Quick Disconnect Hook-Up Kit w/Plastic T
#505128	Miniblaster Male Quick Disconnect
#505129	Miniblaster Standard Hook-Up Kit
#505111	Miniblaster Adaptor for 4 Hole High Speed Connector
#505112	Miniblaster Adaptor for 2-3 Hole High Speed Connector
#505113	Miniblaster Adaptor for Kavo-Style High Speed Connector
#505114	Miniblaster Adaptor for Sirona-Style High Speed Connector
#505117	Miniblaster Adaptor for W&H-Style High Speed Connector

Miniblaster Clinical Applications

- Can be used for surface preparation prior to bonding to all dental materials, including: precious, semi-precious, and non-precious metals; porcelain; composite; and resin materials.
- Macro-retention such as undercuts should be employed where possible in conjunction with the microretention produced by the Miniblaster.
- Use 50 micron aluminum oxide for routine work and 90 micron for more aggressive work and cement removal.

Dust-Inn 2000™

Sleek, high-tech dust collector with an all-around see-through dome.

No more flying grit or dust!



- Self-contained filtration system (no large vacuum systems to set up).
- For use with Miniblaster or other clinical sandblasters and for other grinding procedures.
- Compact, lightweight and portable.
- Attractive design and easier to use than all other dust collectors.
- Quiet, efficient fan extractor system with easily exchangeable filters.
- Hygienic wipe-down design.
- Large, transparent, replaceable lid.
- Used abrasive collects beneath the perforated work-table for simple disposal - just lift and empty.
- Ideal for chairside use in a dental office or dental laboratory.
- 1 year warranty.

#502900	Dust-Inn 2000 110v
#502602	Dust-Inn Replacement Dome with Handguards
#502608	Dust-Inn Replacement Filters (5 Pack)
#157009	Dust-Inn 115V Transformer
#502604	Dust-Inn Replacement Fan Assembly
#502603	Dust-Inn Replacement On/Off switch

Aluminum Oxide Powder



- 50 micron for general etching and blasting.
- 90 micron for heavier work.
- Economical 2-pound bottles.
- For use with the Miniblaster and all clinical sandblasters.

#505050	Aluminum Oxide Powder 50 micron (2 pound bottle)
#505090	Aluminum Oxide Powder 90 micron (2 pound bottle)

Instruments, Equipment, Accessories

Curing Light

Clear Blue Digi 2.0 LED Curing Light

- High power 1,200 mW/cm² for fast cures
- Emits light in the most relevant spectrum of 430-480nm wavelength to efficiently solidify any brand of resin
- Three working modes and exposure times for any clinical protocol
- Super-compact, lightweight, and cordless for the ultimate in convenience
- Cool and silent; no fan necessary as with halogen lamps
- Li-Ion battery with super capacity and no memory effect
- Can be operated cordless or with cord

*Latest Generation, High
Performance LED
Portable, Powerful, and
Practical*

CLEAR BLUE LED HIGH POWER CURING LIGHT	CLRBLU-SYS
CLEAR BLUE REPLACEMENT LIGHT GUIDE ROD - CLEAR	CLR-LG
CLEAR BLUE REPLACEMENT LIGHT GUIDE ROD - BLACK	CLR-LG-BLK
CLEAR BLUE REPLACEMENT BATTERY	CLR-BAT
UNIVERSAL LIGHT SHIELD	LS
CLEAR BLUE BASE	CLR-BAS
CLEAR BLUE TRANSFORMER	CLR-TRANS
CLEAR BLUE LIGHT METER	CLR-METER

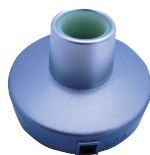
Easy Replacement Parts



Battery



Curing Light Guide



Base



Light Meter



Transformer



Light Shield



Instruments, Equipment, Accessories

EQUIPMENT

Air/Water Syringe

- Well balanced design, and smooth styling for comfortable use
- Easy release for a speedy exchange of tips
- Fully autoclavable tips



SYR AIR/WATER SYRINGE
SYR-TIP REPLACEMENT TIP

Universal Quick Disconnect Vacuum Valve

- Single piece anodized aluminum body
- Easy removal lever and spool valve assembly
- Lightweight 360° quick disconnect swivel
- Autoclavable



HVE-QD

Deluxe Quick Disconnect Saliva Ejector Valve

- Single piece anodized aluminum body
- Easy removal lever and spool valve assembly
- Lightweight 360° quick disconnect swivel
- Autoclavable



DSE-QD

Air Regulator

REG



Air Pressure Test Gauge

- Ensures proper air pressure is used to maximize handpiece performance and prevent damage



TEST-GAG2 FOR 2/3 HOLE HANDPIECES
TEST-GAG4 FOR 4, 5, OR 6 HOLE HANDPIECES

Smart Cleaner



- Removes blockages and cleans waterlines of handpieces and couplers.
- Prevents residue and biofilm build up that can lead to blockages.
- Easy to use and powerful tool for all offices and repair shops.

Smart Cleaner 2 or 4 hole **SMART 2 OR 4**

INSTRUMENTS

Crown & Bridge Remover

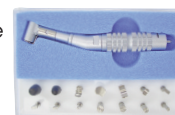
- Eliminates noise and pulling sensation of other C&B removers
- Prevents damage to restorations with 3 impact control settings



CB1 C&B REMOVER W/2 TIPS
CB-A BLUNT TIP A
CB-B SICKLE TIP B

Amalgam Packer Kit

- Kit comes with amalgam packer angle and 14 different points



AMKIT14 **PACKER KIT W/14 PTS**
AMP1...AMP14 **POINTS 1-14**

ACCESSORIES



2/3 Hole Handpiece to
4 Hole Tubing Adapter
3/4ADAPT



2/3 Hole Tubing Connector
CON-3H



4 Hole Handpiece to
2/3 Hole Tubing Adapter
4/2ADAPT



4 Hole Tubing Connector
CON-4H



Syringe Tubing
2TUBE



4 Hole Standard Tubing
4TUBE



Lab Braided Standard Tubing
BRTUBE



External Water Clip and
Tubing for Contra Angles
WTR-CA



External Water Clip and
Tubing for Nose Cones
WTR-NC

Instruments, Equipment, Accessories

TURBO Handpiece Control System

- Completely self contained handpiece control unit with clean water system – no installation requirements, just connect tube to air supply
- Compact table top system – only 6" x 5"
- Sleek contemporary design enables easy cleaning



WHY?

- Alternative to wall mounted or cart controls, fits in any setting
- Multiple uses: Laboratory or in-office setup
- Portable or temporary set up needs
- Emergency backup
- Handpiece cleaning/purge and testing station
- Repair facility

TWO GREAT OPTIONS!

Turbo 1 Handpiece and Syringe System

Features

- Single handpiece control with coolant
- 3 way syringe with quick change autoclavable tip
- Individual handpiece air pressure adjustments
- Water coolant flow control and on/off bottle pressure release
- Integrated clean water system w/1 liter bottle
- Easy to read pressure gauge
- Integrated high pressure regulator
- Variable speed disc-type foot control
- Asepsis European style tubing



Turbo 1

Turbo 2 Handpiece System

Features

- Two handpiece control with coolant
- Individual handpiece air pressure adjustments
- Water coolant flow control and on/off bottle pressure release
- Integrated clean water system w/1 liter bottle
- Easy to read pressure gauge
- Integrated high pressure regulator
- Twin-pedal heavy duty independent handpiece foot control
- Asepsis European style tubing



Turbo 2

Dart Disposable Handpiece System

- High speed 4 hole 400,000 RPM handpiece with disposable head/turbine
- Smooth efficient concentric cutting
- Maintenance free operation, fully autoclavable handle



FOR WHEN YOU DON'T WANT TO USE YOUR "FAVORITE HANDPIECE"

- Avoid damaging torque and chattering when cutting out old amalgams or removing metal crowns
- Serve an infectious patient or one you may have concerns about
- Eliminate patient concern by using a single use product to be discarded after procedure
- Emergency use when sterilization is not available



- | | |
|---|---------------|
| DART DISPOSABLE SYSTEM (1 handle/13 heads) | DDS-91 |
| DART HANDLES (3) | DDS-35 |
| DART DISPOSABLE HEADS (12 pack) | DDS-25 |

Fiber Optic System

Think of our Challenger Fiber Optic System as an Upgrade to Fiber Optics at No Cost!



CONVENIENT FIBER OPTIC LIGHT SOURCE UNIT

- Comes complete – no other parts needed.
- Has a convenient external connection that does not require internal access and uses existing tubing. You can even turn 2-hole tubing into a fiber optic setup.
- Just plug it in - no tools or technician required! Fiber optics in less than 5 minutes!
- Slim, lightweight design.
- Mounts on any flat surface.
- Light source unit comes complete with fiber optic tubing, power source, transformer, air switch, and bulb module.
- Uses state-of-the-art ultra high pressure (UHP) Krypton-Halogen bulbs to ensure the highest light output and longest life.
- Extraordinary brilliance results in maximum light transmission to the clinical working area.



Complete Light Source Kit FOLS-1HP

Handpiece Parts & Accessories


Midwest® and Star® Titan®

FOR MIDWEST®

TURBINES

			DENTSPLY #
	Tradition Screw Type	C-MWT	750118
	Tradition Push Button/Lever	C-MWTPB	780118
	Quiet Air Screw Type	C-MWQA	464299/464300
	Quiet Air Push Button/Lever	C-MWQAPB	484300
	Stylus Push Button	C-MWSPB	790310
	XGT Push Button	C-MWXGTPB	790118
	8000 Screw Type	C-MW8	N/A
	Stylus Mini 540/541EPB	C-MS540PB	
	Stylus ATC 890 PB	C-MS890PB	
	Stylus ATC 990 PB	C-MS990PB	

CHUCKS

	Tradition Standard Chuck	MWTRAD-CHK	753244
	Quiet Air Standard Chuck	MWQA-CHK	463075

BUR TOOLS

	Tradition Bur Tool	BT-TRAD	750119
	Quiet Air Bur Tool	BT-QA	463102

END CAPS AND WRENCHES






	Tradition Standard End Cap	MWTRADEC	751231
	Quiet Air Standard End Cap	MWQAEC	464126
	Tradition Push Button End Cap	MWTRADPBEC	780002
	Quiet Air Push Button End Cap	MWQAPBEC	484301
	XGT/Tradition PB End Cap	MWXGTPBEC	790122
	Stylus Push Button End Cap	MWSTPBEC	
	Tradition Standard/8000 Wrench	MWTR-WRCHEC	753060
	Quiet Air Standard Wrench	MWQA-WRCHEC	290974
	Lever/Push Button/Stylus Wrench	MULTI-WRCHEC	753333

GASKETS



	2/3 Hole Gasket	GAS-3H	713134,773015
	4 Hole Gasket	GAS-4H	773002
	5 Hole Gasket	GAS-5H	753342,773018
	6 Hole Gasket	GAS-6H	

FOR STAR®



TURBINES

			STAR #
	Vista 430/Solara Push Button	C-S430PB	260296 263739 263968
	Vista 430 Screw Type	C-S430	258661
	Vista Futura I & II	C-SF1	
	Vista Concentrix	C-SCX	
	Vista Ultra	C-SUL	






CHUCKS

	Star Square Chuck	STAR-CHK SQ	
	Star Hexagonal Chuck	STAR-CHK H	258659

BUR TOOLS

	For Star Square Chuck	BT-STARSQ	257629
	For Star Hexagon Chuck	BT-STAR	203108

END CAPS AND WRENCHES

	Star 430 Push Button End Cap	STARPBEC	
	Star 430 Standard End Cap	STAREC	
	Star Concentric Std End Cap	STCONCEC	
	Star Endurance PB End Cap	STENDPBEC	
	Star Push Button End Cap Wrench	MULTI-WRCHEC	


GASKETS

	2/3 Hole Gasket	GAS-3H	203103
	4 Hole Gasket	GAS-4H	202897
	5 Hole Gasket	GAS-5H	202897
	6 Hole Gasket	GAS-6H	262520

O-RINGS

	O-Ring for Star Coupler set of 4/pkg	STAR-CORG	259884
	Star End Cap O-Ring	STAR-EORG	

FIBER OPTIC LIGHT SOURCE BULBS

	Star Quick Connector Xenon Bulb (1/pkg)	W-STRQC	
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Star is a registered trademark of DentalEZ.

Handpiece Parts & Accessories

KaVo, Johnson-Promident, & Other Brands

FOR KAVO**TURBINES**

	Contact Air 632/633/645 Push Button	C-K632PB
	Bella Torque 639/642/643 Push Button	
	Contact Air 632/633/645 Friction Grip	C-K632FG
	Bella Torque 639/642/643 Friction Grip	
	635B/637B Push Button	C-K635BPB
	6000B/7000B Push Button	C-K6000BPB
	625CD Push Button	C-K625CDPB
	634 P4 Companion Push Button	C-K634PB
	Super Torque 625/630/640/603/605/607 PB	C-K625PB
	Super Torque 625/630/640 Friction Grip	C-K625FG
	647B/649B Push Button	C-K647PB
	650B Push Button	C-K650PB
	Magno 634 Super Torque	C-KMAG
	6500B Push Button	C-K6500BPB
	636/646 Push Button	C-K636PB
	655C/660B Push Button	C-K655PB
	659B Push Button	C-K659PB
	8000 Push Button	C-K8000PB
	4500/5000 Push Button	C-K4500PB
	7000 Push Button	C-K7000PB
	Expert Torque E679L Push Button	C-K679PB
	Expert Torque E675L Push Button	C-K675PB
	Smart Torque S609C/S619C/S619L PB	C-K609PB
	Smart Torque S605C/S615L	C-K605PB

END CAPS AND WRENCHES

	632/633/634/639/642/643/645 PB End Cap	KAVO642EC
	625/630/640 Push Button End Cap	KAVO630EC
	635/637 Push Button End Cap	KAVO635EC
	647/649/650 Push Button End Cap	KAVO647EC
	6000/7000 Push Button End Cap	KAVO6000EC
	6500/8000 Push Button End Cap	KAVO6500EC
	636 Push Button End Cap	KAVO636EC
	625/630/632/634/640 PB End Cap Wrench	KAVO-WRCHEC
	635/647/649/650/6000 PB End Cap Wrench	KAVO-WRCHSPEC

GASKETS

4 Hole Gasket

GAS-4H



5 Hole Gasket

GAS-5H



6 Hole Gasket (Coupler)

GAS-6H

O-RINGS

O-Rings MULTiflex Coupler set of 5/pkg

KAVO-CORG



O-Rings for KaVo Low Speed Motor 4/pkg

NSKSOR-KAV



O-Rings for KaVo 630/640 Spray Cover

K630-SPORRG



O-Rings for KaVo 647/649 Spray Cover

K647-SPORRG

FIBER OPTIC LIGHT SOURCE BULBS

KaVo Lux Coupler Bulb 2/pkg

W-KB



LED Lux Coupler Conversion Kit

W-KB-LED



Multiflex Bulb Cover

W-KB-CAP

FOR JOHNSON-PROMIDENT & OTHER BRANDS**TURBINES****Canister-Type**

Fit all canister handpieces including Johnson-Promident, ScheinMaster, Athena/Champion, Patterson, Medidenta, True Speed and more...



Standard Canister Screw Type

CART-AC



Standard Canister Push Button

CART-PBA



Mini Canister Screw Type

CART-MINI



Mini Canister Push Button

CART-MINIPB



Industrial Canister Screw Type

CART-IND



High Speed Straight Lab Can.

CART-LAB

For Dabi Atlante

MS-350 Push Button

C-DAMSPB



RS-350 Push Button

C-DARSPB

For Impact Air 45®

Impact Air Push Button

C-IMPACT

For Bien-Air®

Black Pearl Push Button

C-BABPPB



Black Pearl Friction Grip

C-BABPFG



Bora Push Button

C-BABPB



Online Push Button

C-BAOPB



Online Friction Grip

C-BAOFG



Prestige Push Button

C-BAPPB



Bien Air Lab

C-BLAB

No implication is made that any of our replacement products are original factory products or that any of the companies endorse our products. Bien-Air is a registered trademark of Bien-Air Dental S.A. Impact Air 45 is a registered trademark of Palisades Dental LLC.

Handpiece Parts & Accessories






Johnson-Promident and Other Brands

TURBINES



Johnson-Promident

	Whispair Standard Push Button	C-JPWAPB
	Whispair Mini Push Button	C-JPMWAPB
	Gemini for KaVo Bella Torque	C-K632PB
	Gemini for KaVo Super Torque	C-K625PB
	Gemini for Midwest® Tradition® Std	C-MWT
	Gemini for Midwest® Tradition® Push Button	C-MWTPB
	Gemini for NSK/Kinetic Viper Standard	C-NSKVIPBLUEPB
	Gemini for NSK QDJ 4 Port Push Button	C-JPQDJ4PB

For Lares®


	557/557 Euro Push Button	C-L557PB
	757 Push Button (Not for Euro/Ultralite)	C-L757PB
	330 E Screw Type	C-L330
	757 Ultralite/Euro Multiport Push Button	C-L757ULPB
	Ultra Access Push Button	C-LULTRAPB

For Micro Motors




	LHS 730 Mini Push Button	C-MM730PB
	LHS 700 Standard Push Button	C-MM700PB

For NSK



	NL65/NL45 Mach Lite Std. Push Button	C-NSK65MCSTD
	NL65 Mach Lite Mini Push Button	C-NSK65MINIPB
	NL65/NL45 Mach Lite Torque/Sabra 45-II Push Button	C-NSK65MCTORQ
	Safco Excel/Sabra OMS 45/Pana Air Torque Push Button	C-NSKEXCELPB
	Safco Excel/Pana Air Torque Screw Type	C-NSKEXCEL
	NL 75/85 Mach Lite Mini (A200 Series)/ Push Button	C-NSK75MPB
	NL 75/85 Mach Lite Std. (A300 Series)/ Kinetic Quantum Push Button	C-NSK75PB
	NL 75/85 Mach Lite Torque (A400 Series) Push Button	C-NSK75TPB
	NL 95 Triple Port Mini (A500 Series) Push Button	C-NSK95MPB
	NL 95 Triple Port Std. (A600 Series) Push Button	C-NSK95PB
	NL 95 Triple Port Torque (A700 Series) Push Button	C-NSK95TPB
	Kinetic Viper/AlphaLite Small Push Button	C-NSKVIPREDPB
	Kinetic Viper/AlphaLite Std Push Button	C-NSKVIPBLUEPB
	Kinetic Viper/AlphaLite Torque Push Button	C-NSKVIPBLACKPB

	Super Grade Push Button	C-SGPB
	Super Grade Screw Type	C-SG
	Healthco Push and Swivel	C-NSKPUSHSWL
	NSK Pana Air 2000 Standard Push Button	C-NSKPA2000SPB
	NSK Pana Air 2000 Mini Push Button	C-NSKPA2000MPB
	NSK 9000 Torque (X-700 Series) Push Button	C-NSK9000TPB
	NSK 9000 Std (X-600 Series) Push Button	C-NSK9000SPB
	NSK 9000 Mini (X-500 Series) Push Button	C-NSK9000MPB
	NSK Pana Max Standard	C-NSKPMAXPB
	NSK Pana Max Torque	C-NSKPMAXTPB
	NSK Presto	C-NSKPRLAB
	NSK/Schein Master II Std. Push Button	C-SCHMIIS
	NSK/Schein Master II Screw-Type Std.	C-SCHMIISCREW
	NSK/Schein Master II Mini	C-SCHMIIM
	NSK S-Max Pico Push Button	C-NSKPICO
	NSK/Brasseler NL6000 S Push Button	C-NSK6000SPB

For Microtech/Dentex®

	M3-M Mini Push Button	C-M3MINIPB
	M3-S Push Button	C-M3SPB
	M3-MC Mini Screw Type	C-M3MINI
	M3-SC Screw Type	C-M3SC

For Siemens/Sirona

	Sirona T2/T3 Mini Push Button	C-T2MPB
	Sirona T2/T3 Racer Push Button	C-T2RCR
	Sirona T1 Control Push Button	C-T1CPB
	Sirona T2 Control Push Button	C-T2CPB
	TM1 Push Button	C-TM1PB
	TS1 Push Button	C-TS1PB

For Ney Hurricane®

	Ney Hurricane Lab	C-HURR
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Handpiece Parts & Accessories

Johnson-Promident and Other Brands



For W&H®/Adec®

	Sabra Small Push Button	C-WHSABSM
	Synea TA-96/TE-96 Mini Push Button	C-WHSYNM
	Synea TA-98/Allegra TE95/TE98 Large Push Button	C-WHSYNPB
	196/896 Top Air Push Button	C-WH196
	Sabra 395/397 Top Air Push Button	C-WHSABTA
	Top Air 198/898 Push Button	C-WH198
	Sabra Trend Push Button	C-WHSABT
	W&H TA-97 Push Button	C-WHTA97PB
	W&H TA-98 5 Port LED Push Button	C-WHTA5PPB
	W&H RC95 Push Button	C-WHRC95PB

CHUCKS

	Chuck for Doriot Handpiece	DOR-CH
	High Speed Handpiece Chuck	HS-CHK
	High Speed Mini Chuck	HS-CHK MIN
	High Speed Industrial Chuck	HS-CHK IND

BUR TOOLS

	Universal Bur Tool	BT-MET
	Miniature Bur Tool	BT-MIN
	Friction Grip Bur Tool	BT-FG





END CAPS AND WRENCHES

	High Speed Handpiece End Cap	HS-EC
	High Speed Handpiece Push Button End Cap	HS-ECPB
	Standard End Cap Wrench	HS-WRCHEC
	Push Button End Cap Wrench	HS-WRCHECPB
	Whispair Standard PB End Cap	W-SPBEC
	Whispair Mini PB End Cap	W-MPBEC
	Whispair End Cap Wrench	MULTI-WRCHEC
	Lares 557 Push Button End Cap	LRS557EC
	Lares 757 Push Button End Cap	LRS757EC
	Lares Ultra Access Push Button End Cap	LRSULTEC
	Lares Push Button End Cap Wrench	LRS-PBWRCHEC
	Schein Master C Type PB End Cap	SC-ECPB




END CAPS AND WRENCHES

	Impact Air PB End Cap (for aftermarket)	IPBEC
	NSK NL65, 75, 95 Mini and Standard End Cap	NSKNLSPBEC
	NSK Alpha Lite/Kinetic Viper Mini and Standard End Cap	NSKVIPSPBEC
	NSK 9000S End Cap	NSK9000SPBEC
	NSK Pana 2000 End Cap	NSKPA2PBEC
	NSK Pana Max End Cap	NSKPAMAXPBEC
	NSK AlphaLite/Viper End Cap Wrench	NSKVIPWRCHEC
	Sirona T2/T3 Racer End Cap	SIR-T2REC
	Sirona End Cap Wrench	SIR-WRCHEC
	W&H TA96 Push Button End Cap	WHT96EC
	W&H TA97 Push Button End Cap	WHT97EC
	W&H TA98 Push Button End Cap	WHT98EC
	W&H End Cap Wrench	WH-WRCHEC
	W&H TA97/TA98 3 Pt. End Cap Wrench	WH3PT-WRCHEC
	Gemini Kavo Super Torque Spray Cap and Nut	G-KSTSPRAY
	Gemini Kavo Bella Torque Spray Cap and Nut	G-KBTSPRAY

GASKETS

	2/3 Hole Gasket	GAS-3H
	4 Hole Gasket	GAS-4H
	5 Hole Gasket	GAS-5H
	6 Hole Gasket	GAS-6H

FIBER OPTIC LIGHT SOURCE BULBS

	Challenger Bulb Module Kinetic Tubing	W-CHB
	Challenger Bulb Module Red Gasket ISO-C Tubing	W-CHB-RED
	NSK Connector Xenon Bulb 1 Pkg.	W-NB

O-RINGS

	O-Rings for NSK, QD Handpiece (5/Set)	NSK-OR
	Gemini Kavo Spray Cap O-Rings	GEMK-ORG

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Endodontic Products

Posts

Parallel-Sided Posts (Whaledent-Type)

- Internationally accepted post technique for core build-ups and casting techniques
- Serrated, vented posts permit maximum retention with easy insertion and positive seating without stress or trauma
- Chairside kit contains seven standardized sizes ranging from 0.36"/0.9mm to 0.70"/1.75mm providing flexibility for all post placement requirements
- Color-coded posts and corresponding safety drills



Stainless Steel Parallel-Sided Posts

Size	3	4	4.5	5	5.5	6	7
	.036"/0.90mm	.040"/1.00mm	.045"/1.14mm	.050"/1.25mm	.055"/1.40mm	.060"/1.50mm	.070"/1.75mm
10-pack	S3-10	S4-10	S4.5-10	S5-10	S5.5-10	S6-10	S7-10
25-pack	S3-25	S4-25	S4.5-25	S5-25	S5.5-25	S6-25	S7-25
100-pack	S3-100	S4-100	S4.5-100	S5-100	S5.5-100	S6-100	S7-100

Stainless Steel Chairside Post Kit (3 posts and 1 drill each size) KIT-SS

Titanium Parallel-Sided Posts

Size	3	4	4.5	5	5.5	6	7
	.036"/0.90mm	.040"/1.00mm	.045"/1.14mm	.050"/1.25mm	.055"/1.40mm	.060"/1.50mm	.070"/1.75mm
10-pack	T3-10	T4-10	T4.5-10	T5-10	T5.5-10	T6-10	T7-10
25-pack	T3-25	T4-25	T4.5-25	T5-25	T5.5-25	T6-25	T7-25
100-pack	T3-100	T4-100	T4.5-100	T5-100	T5.5-100	T6-100	T7-100

Titanium Chairside Post Kit (3 posts and 1 drill each size) KIT-TIT

Post Drills

Size	3	4	4.5	5	5.5	6	7
2 pieces	D3-2	D4-2	D4.5-2	D5-2	D5.5-2	D6-2	D7-2

Did you know that Johnson-Promident has sold over 2 million endo posts?

Screw Posts (Dentatus-Type)

- Anatomically-shaped tip design
- Square cross-cut head provides maximum material retention
- Available in 4 lengths (7.8mm - 14.2mm) and 6 diameters (1.05mm-1.80mm)
- Corresponding reamers match exact diameter and taper of posts



Gold Screw Posts

Size 12 pcs	1	2	3	4	5	6
	1.05mm	1.20mm	1.35mm	1.50mm	1.65mm	1.80mm
Short (7.8mm)	DG-S1	DG-S2	DG-S3	DG-S4	DG-S5	DG-S6
Medium (9.3mm)	DG-M1	DG-M2	DG-M3	DG-M4	DG-M5	DG-M6
Long (11.8mm)	DG-L1	DG-L2	DG-L3	DG-L4	DG-L5	DG-L6
X-Long (14.2mm)				DG-XL4		DG-XL6

Gold Screw Post Kit (5 dozen) DG-K60

Gold Screw Post Kit (20 dozen) DG-K240

Titanium Screw Posts

Size 6 pcs	1	2	3	4	5	6
	1.05mm	1.20mm	1.35mm	1.50mm	1.65mm	1.80mm
Short (7.8mm)	DT-S1	DT-S2	DT-S3	DT-S4	DT-S5	DT-S6
Medium (9.3mm)	DT-M1	DT-M2	DT-M3	DT-M4	DT-M5	DT-M6
Long (11.8mm)	DT-L1	DT-L2	DT-L3	DT-L4	DT-L5	DT-L6
X-Long (14.2mm)				DT-XL4		DT-XL6

Titanium Screw Post Kit (5 dozen) DT-K60

Titanium Screw Post Kit (20 dozen) DT-K240

Reamers

Size 3 pcs	1	2	3	4	5	6	Assorted
Short (28mm)	DR-1S	DR-2S	DR-3S	DR-4S	DR-5S	DR-6S	DR-S
Long (33mm)	DR-1L	DR-2L	DR-3L	DR-4L	DR-5L	DR-6L	DR-L

Screw Post Keys (2 pcs) DW

Handpiece Attachments



16:1 Sheath
ESH16:1



Endodontic 1/4 Turn E-Type Head
E-ENDO



Endodontic 1/4 Turn
Contra Angle for Star Titan
TIT-ENDO



Endodontic Push Button
1/4 Turn Head/Hand Files
E-PBENDO



Endodontic 1/4 Turn U-Type
Contra Angle
S-ENDO



E-Type 4:1 Endo 1/4 Turn Push
Button Hand Files
Contra Angle
4-1PBENDASSY












E-Type 4:1 Endo 1/4 Turn
Latch Type Engine File
Contra Angles
4-1ENDASSY








Johnson-Promident
is your one-stop
shop for rotary
instruments! We have
the widest range of
carbides, diamonds,
and finishing and
polishing instruments
of any manufacturer.




Rotary Instruments


carbide OPERATIVE BURS


Dental **PRODUCT
SHOPPER**
BEST PRODUCT
2012

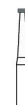
ROUND									
									
U.S. No.	¼	½	1	2	3	4	5	6	8
Diameter (mm)	0.50	0.70	0.80	1.00	1.20	1.40	1.60	1.80	2.30
FG	•	•	•	•	•	•	•	•	•
FG SS		•	•	•	•	•	•	•	•
FG Surg.			•	•	•	•		•	•
RA	•	•	•	•	•	•	•	•	•
RA Surg.			•	•	•	•	•	•	•
HP	•	•	•	•	•	•	•	•	•




INVERTED CONE							
							
U.S. No.	33 ½	34	35	36	37	38	39
Diameter (mm)	0.70	0.80	1.00	1.20	1.40	1.60	1.80
FG	•	•	•	•	•	•	•
FG SS	•	•	•				
FG Surg.		•	•				
RA		•	•	•		•	
HP		•	•	•	•	•	•






PEAR			
			
U.S. No.	329	330	331
Diameter (mm)	0.60	0.80	1.00
FG	•	•	•
FG SS		•	•
RA		•	



PEAR (LONG HEAD)	
	
U.S. No.	331L
Diameter (mm)	1.00
FG	•




FLAT FISSURE PLAIN CUT (LONG HEAD)	
	
U.S. No.	57L
Diameter (mm)	1.00
FG	•




WHEEL	
	
U.S. No	14
Diameter (mm)	1.20
FG	•





TAPER FISSURE PLAIN CUT (LONG HEAD)			
			
U.S. No.	169L	170L	171L
Diameter (mm)	0.90	1.00	1.20
FG	•	•	•




TAPER FISSURE CROSS CUT					
					
U.S. No.	699	700	701	702	703
Diameter (mm)	0.90	1.00	1.20	1.60	2.10
FG	•	•	•	•	•
FG SS	•	•			
FG Surg.		•	•	•	•
RA		•	•	•	
HP	•	•	•	•	•




TAPER FISSURE CROSS CUT (LONG HEAD)		
		
U.S. No.	699L	700L
Diameter (mm)	0.90	1.00
FG	•	•

AMALGAM PREP			
			
U.S. No.	245	246	256
Diameter (mm)	0.80	1.20	0.80
FG	•	•	•
FG SS	•		

FLAT FISSURE PLAIN CUT			
			
U.S. No.	56	57	58
Diameter (mm)	0.90	1.00	1.20
FG	•	•	•
FG SS	•	•	

FLAT FISSURE CROSS CUT				
				
U.S. No.	556	557	558	560
Diameter (mm)	0.90	1.00	1.20	1.60
FG	•	•	•	•
FG SS	•	•		
FG Surg.	•	•	•	
RA		•	•	
RA Surg.		•	•	
HP	•	•	•	•

TAPER FISSURE PLAIN CUT			
			
U.S. No.	169	170	171
Diameter (mm)	0.90	1.00	1.20
FG	•	•	•
HP		•	


FLAT FISSURE CROSS CUT (LONG HEAD)			
			
U.S. No.	556L	557L	558L
Diameter (mm)	0.90	1.00	1.20
FG	•	•	•




FG: Friction Grip
SS: Short Shank
Surg: Surgical Length
RA: Right Angle (Latch Type)
HP: Handpiece


FG, SS, SURG, RA available in 10 packs and 100 packs and HP available in 5 packs and 100 packs




Rotary Instruments


carbide OPERATIVE BURS








DOMED FISSURE PLAIN CUT			
			
U.S. No.	1156	1157	1158
Diameter (mm)	0.90	1.00	1.20
FG	•	•	•
FG SS		•	







DOMED FISSURE CROSS CUT			
			
U.S. No.	1556	1557	1558
Diameter (mm)	0.90	1.00	1.20
FG	•	•	•
FG Surg.		•	
HP	•	•	•




DOMED TAPER FISSURE PLAIN CUT			
			
U.S. No.	1170	1171	1172
Diameter (mm)	1.00	1.20	1.60
FG	•	•	•








DOMED TAPER FISSURE CROSS CUT			
			
U.S. No.	1700	1701	1702
Diameter (mm)	1.00	1.20	1.60
FG	•	•	•
FG Surg.			•











END CUTTING BURS	
	
U.S. No.	957
Diameter (mm)	1.00
FG	•


carbide ORTHODONTIC, SURGICAL, AND SPECIALTY BURS







ORTHODONTIC BURS				
				
U.S. No.	1185	118L	218	48L
Diameter (mm)	1.60	1.60	1.60	1.20
FG	•	•	•	•





ESTHETIC FINISHING BURS							
							
U.S. No.	EF3	EF4	EF6	EF9	OF1	OF2	OF3
10 blades							
Diameter (mm)	0.80	1.00	1.40	1.40	2.30	0.90	0.70
10 blades	•	•	•	•			
12 blades					•	•	•





METAL CUTTING BURS			
			
U.S. No.	331/1931	1558/1958	557/2057
Diameter (mm)	1.0	1.2	1.0
JP #	JP1	JP2	JP557/2057






SURGICAL BUR 151		
		
U.S. No.	151	151L
Diameter (mm)	1.60	1.60
FG	•	•




ENDO Z (ZEKRYA) BUR 152	
	
U.S. No.	152
Diameter (mm)	1.4
FG	•



LINDEMANN BURS		
		
U.S. No.	161	162
Diameter (mm)	1.60	1.60
FG SURG.	•	•



LONG FLAME	
	
U.S. No.	48L
Diameter (mm)	1.20
FF 12 flutes	•

See our 'Rotary Instruments Product Catalog and Reference Guide' for more details about our products and general information about choosing the right rotary instrument.



Rotary Instruments

carbide TRIMMING AND FINISHING BURS

ROUND			
U.S. No. 12 flutes	7004	7006	7008
U.S. No. 30 flutes		9006	9008
Diameter (mm)	1.40	1.80	2.30
TF 12 flutes	•	•	•
FF 30 flutes		•	•

FLAME			
U.S. No. 12 flutes	7104	7106	7108
Diameter (mm)	1.40	1.80	2.30
TF 12 flutes	•	•	•

LONG TAPER			
U.S. No.	7204	7205	7206
Diameter (mm)	1.40	1.60	1.80
TF 12 flutes	•	•	•

PEAR	
U.S. No.	7303
Diameter (mm)	1.20
TF 12 flutes	•

EGG			
U.S. No. 12 flutes	7404	7406	7408
U.S. No. 30 flutes		9406	
Diameter (mm)	1.40	1.80	2.30
TF 12 flutes	•	•	•
FF 30 flutes		•	

TAPER POINTED						
U.S. No. 12 flutes	7114	7611	7612	7214	7613	7714
U.S. No. 30 flutes				9214		9714
Diameter (mm)	0.90	0.10	0.14	0.10	1.40	1.60
TF 12 flutes	•	•	•	•	•	•
FF 30 flutes				•		•

TAPER FLAT END	
U.S. No. 30 flutes	9713
Diameter (mm)	1.20
FF 30 flutes	•

TAPER ROUND END		
U.S. No. 12 flutes	7642	7664
U.S. No. 30 flutes	9642	
Diameter (mm)	1.00	1.40
TF 12 flutes	•	•
FF 30 flutes	•	

NEEDLE				
U.S. No. 12 flutes	7901	7902	7903	
U.S. No. 30 flutes			9903	9904
Diameter (mm)	0.90	1.00	1.20	1.40
TF 12 flutes	•	•	•	
FF 30 flutes			•	•

BULLET			
U.S. No. 12 flutes	7801	7802	7803
U.S. No. 30 flutes			9803
Diameter (mm)	0.90	1.00	1.20
TF 12 flutes	•	•	•
FF 30 flutes			•

INTERPROXIMAL	
U.S. No. 30 flutes	9103
Diameter (mm)	1.20
FF 30 flutes	•


TF: Trimming & Finishing
FF: Fine Finishing







Available in 5 packs


See our 'Rotary Instruments Product Catalog and Reference Guide' for more details about our products and general information about choosing the right rotary instrument.



Rotary Instruments


diamond BURS











ROUND						
						
Code	801-009	801-012	801-014	801-016	801-018	801-022
Diameter (mm)	0.9	1.2	1.4	1.6	1.8	2.2
Head Length (mm)	0.9	1.2	1.4	1.6	1.8	2.2
Super Fine						
Fine						
Medium	M	M	M	M	M	M
Coarse		C	C	C	C	C
Super Coarse						






BARREL		
		
Code	811-033	811-037
Diameter (mm)	3.3	3.7
Head Length (mm)	5.5	5.5
Super Fine		
Fine		
Medium		
Coarse	C	C
Super Coarse		SC




INVERTED CONE						
						
Code	805-012	805-016	805-018	807-014	807-016	807-018
Diameter (mm)	1.2	1.6	1.8	1.4	1.6	1.8
Head Length (mm)	1.3	1.4	1.6	3.0	4.0	5.0
Super Fine						
Fine				F		
Medium				M	M	M
Coarse	C	C	C			
Super Coarse						





DOUBLE INVERTED CONE				
				
Code	806-012	806-014	813-018	
Diameter (mm)	1.2	1.4	1.8	
Head Length (mm)	3.0	2.0	2.1	
Super Fine				
Fine				
Medium		M	M	
Coarse	C			
Super Coarse				






PEAR	
	
Code	830L-012
Diameter (mm)	1.2
Head Length (mm)	3.9
Super Fine	
Fine	
Medium	M
Coarse	
Super Coarse	








WHEEL	
	
Code	818-030
Diameter (mm)	3.0
Head Length (mm)	0.8
Super Fine	
Fine	
Medium	M
Coarse	
Super Coarse	




ROUND WHEEL		
		
Code	909-037	909-040
Diameter (mm)	3.7	4.0
Head Length (mm)	1.0	1.3
Super Fine		
Fine		
Medium	M	
Coarse	C	C
Super Coarse		



GROSS REDUCTION				
				
Code	651-016	652-018	654-016	655-018
Diameter (mm)	1.6	1.8	1.6	1.8
Head Length (mm)	6.0	8.0	6.0	8.0
Super Fine				
Fine				
Medium				
Coarse	C	C	C	C
Super Coarse				



INTER PROXIMAL	
	
Code	392-016
Diameter (mm)	1.6
Head Length (mm)	5.0
Super Fine	SF
Fine	F
Medium	
Coarse	C
Super Coarse	



SF: Super Fine
 F: Fine
 M: Medium
 C: Coarse
 SC: Super Coarse

Diamond burs available in 5 packs and 100 packs



Rotary Instruments

diamond BURS



EGG/FOOTBALL							
Code	368-016	368-018	368-023	369-023	379-016	379-018	379-023
Diameter (mm)	1.6	1.8	2.3	2.3	1.6	1.8	2.3
Head Length (mm)	3.3	4.5	5.3	5.1	3.4	3.6	4.4
Super Fine		SF	SF				SF
Fine	F	F	F	F	F	F	F
Medium		M	M			M	M
Coarse		C	C	C		C	C
Super Coarse			SC				



TORPEDO CYLINDER		
Code	878-012	878-014
Diameter (mm)	1.2	1.4
Head Length (mm)	8.0	8.0
Super Fine		
Fine		
Medium	M	
Coarse	C	C
Super Coarse		



FLAT END CYLINDER											
Code	835-008	835-010	835-012	835-014	836-012	836-014	837-010	837-012	837-014	837-016	837-018
Diameter (mm)	0.8	1.0	1.2	1.4	1.2	1.4	1.0	1.2	1.4	1.6	1.8
Head Length (mm)	4.0	4.0	4.0	4.0	5.6	6.0	8.0	8.0	8.0	8.0	8.0
Super Fine											
Fine		F									
Medium	M	M						M	M	M	
Coarse		C	C	C	C	C	C	C	C	C	C
Super Coarse											



CYLINDER ROUNDED SHOULDER			
Code	836KR-014	837KR-012	837KR-016
Diameter (mm)	1.4	1.2	1.6
Head Length (mm)	6.0	8.0	8.0
Super Fine			
Fine			
Medium			
Coarse	C	C	C
Super Coarse			



ROUND END CYLINDER		
Code	881-014	881-016
Diameter (mm)	1.4	1.6
Head Length (mm)	8.0	8.0
Super Fine		
Fine		
Medium		M
Coarse	C	C
Super Coarse		



SEPARATION		
Code	889-008	889-010
Diameter (mm)	0.8	1.0
Head Length (mm)	3.0	4.0
Super Fine		
Fine	F	F
Medium		
Coarse		
Super Coarse		



FLAT END TAPER									
Code	846-012	846-018	847-014	847-016	847-018	847-019	848-012	848-016	848-018
Diameter (mm)	1.2	1.8	1.4	1.6	1.8	1.9	1.2	1.6	1.8
Head Length (mm)	6.0	7.0	8.0	8.0	8.0	8.0	10.0	10.0	10.0
Super Fine									
Fine									
Medium				M		M		M	
Coarse	C	C	C	C	C	C	C	C	C
Super Coarse									



SF: Super Fine
F: Fine
M: Medium
C: Coarse
SC: Super Coarse

Diamond burs available in 5 packs and 100 packs

Rotary Instruments

diamond BURS



TAPER ROUNDED SHOULDER					
Code	845KR-018	845KR-025	846KR-016	847KR-016	847KR-018
Diameter (mm)	1.8	2.5	1.6	1.6	1.8
Head Length (mm)	4.0	4.0	6.0	8.0	8.0
Super Fine					
Fine		F			
Medium		M	M	M	M
Coarse	C	C	C	C	C
Super Coarse					

GINGIVAL CURETTAGE				
Code	878K-014	878K-016	878K-018	879K-018
Diameter (mm)	1.4	1.6	1.8	1.8
Head Length (mm)	8.0	8.0	8.0	9.5
Super Fine				
Fine				
Medium				M
Coarse	C	C	C	
Super Coarse				

ROUND END TAPER												
Code	850-012	850-014	850-016	850-018	855-012	855-014	855-018	855-025	856-010	856-012	856-014	856-016
Diameter (mm)	1.2	1.4	1.6	1.8	1.2	1.4	1.8	2.5	1.0	1.2	1.4	1.6
Head Length (mm)	10.0	10.0	10.0	10.0	6.3	6.3	6.4	7.0	8.0	8.0	8.0	8.0
Super Fine												
Fine			F	F								F
Medium				M	M	M						M
Coarse	C	C	C	C		C	C	C	C	C	C	C
Super Coarse												SC

ROUND END TAPER (CONTINUED)					
Code	856-018	856-025	856L-016	856L-018	856L-020
Diameter (mm)	1.8	2.5	1.6	1.8	2.0
Head Length (mm)	9.0	8.0	9.0	9.0	9.0
Super Fine					
Fine	F				
Medium	M				
Coarse	C	C	C	C	C
Super Coarse	SC				

POINTED CYLINDER				
Code	885-010	885-012	886-012	886-016
Diameter (mm)	1.0	1.2	1.2	1.6
Head Length (mm)	8.0	8.0	10.0	10.0
Super Fine				
Fine				
Medium		M	M	
Coarse	C	C	C	C
Super Coarse				

NEEDLE									
Code	858-010	858-012	858-014	858-016	859-010	859-012	859-014	859-016	859L-
Diameter (mm)	1.0	1.2	1.4	1.6	1.0	1.2	1.4	1.6	1.6
Head Length (mm)	8.0	8.0	8.0	8.0	10.0	10.0	10.0	10.0	10.5
Super Fine			SF				SF	SF	
Fine	F				F		F	F	F
Medium		M	M	M	M	M	M	M	M
Coarse			C			C	C	C	
Super Coarse									

FLAME										
Code	390-018	860-010	861-014	862-010	862-012	862-014	862-018	863-010	863-012	863-016
Diameter (mm)	1.8	1.0	1.4	1.0	1.2	1.4	1.8	1.0	1.2	1.6
Head Length (mm)	3.0	4.0	6.0	8.0	8.0	8.0	8.0	10	10	9.5
Super Fine			SF		SF	SF				
Fine	F			F	F	F		F	F	
Medium		M			M				M	M
Coarse				C	C	C	C		C	C
Super Coarse										

SF: Super Fine

F: Fine

M: Medium

C: Coarse

SC: Super Coarse

*Diamond burs
available in
5 packs and
100 packs*

Rotary Instruments

Finishing & Polishing Instruments



Single Patient Composite Disc Kit

Helps reduce cross-contamination and is conveniently packaged in individual, single patient units. Packaged 48/box, each unit contains 4 color-coded discs (one each of coarse, medium, fine, and superfine) and a disposable mandrel.

3/8" Disc Kit - SP-SL1981

1/2" Disc Kit - SP-SL1982



Single-Use Diamond Composite Polishing Kit, Dentsply Enhance®/PoGo®-Type

Contains 60 pieces:
10 each of cup, point, disc
in both coarse and fine

Code ENH/POG-KIT



Two-Step Diamond Composite Polishing Kit

Contains 8 pieces:
1 each of small point, point,
cup, and knife edge in both
coarse and fine




Code COMP-KIT

Single-Use Diamond Composite Polishers, Dentsply PoGo®/Enhance®-Type

These disposable polishing systems are ideal for finishing and polishing all composites, creating a high-gloss luster even on the latest generation composite materials.

Coarse, Dentsply Enhance®-Type




Two-step polishing system for finishing and polishing all composite restorations. Provides an aesthetic high gloss finish.

			
Description	Disc	Cup	Point
Code	ENH-DISC	ENH-CUP	ENH-PT
Shank	RA	RA	RA

48 per package
Recommended RPM 5,000-10,000

Fine, Dentsply PoGo®-Type

One-step diamond polisher creates high luster on all composites without paste in one quick and easy step.





			
Description	Disc	Cup	Point
Code	POG-DISC	POG-CUP	POG-PT
Shank	RA	RA	RA

48 per package
Recommended RPM 5,000-10,000

Two-Step Diamond Composite Polishers (Multi-Use)





Two-step diamond polishing system for finishing, smoothing and high-luster polishing of the latest generation of composite materials. Diamond abrasives are embedded in the four silicone polisher shapes to enable easy access to interproximal and occlusal surfaces.

Pre-Polishers, Coarse

				
Description	Small Point	Point	Cup	Knife Edge
Code	COMP-SPC	COMP-PC	COMP-CC	COMP-KEC
Shank	RA	RA	RA	RA

3 per package
Recommended RPM 5,000-10,000

Polishers, Fine

				
Description	Small Point	Point	Cup	Knife Edge
Code	COMP-SPF	COMP-PF	COMP-CF	COMP-KEF
Shank	RA	RA	RA	RA

3 per package
Recommended RPM 5,000-10,000

No implication is made that any of our replacement products are original factory products or that any of the companies endorse our products. PoGo and Enhance are registered trademarks of Dentsply International.

Rotary Instruments

Finishing & Polishing Instruments



Complete Disc/Strip Kit

Contains 252 pieces:





- 200 discs (25 each of $\frac{3}{8}$ " and $\frac{1}{2}$ " in Coarse, Medium, Fine, and Superfine)
- 50 strips (25 each of Regular Coarse/Medium and Regular Fine/Superfine)
- 2 RA Mandrels

Code SL2385-KIT

Composite Discs and Strips, 3M™ Sof-Lex™-Type

Easy to use and ideal for all composites. Produce surface smoothness and visual gloss for more natural and life-like results. Color-coded to simplify your polishing procedures. Made of aluminum oxide on a flexible ultra-thin mylar backing, allowing the disc to conform to the contours of the teeth.





Disc Refills (maximum RPM 20,000)

	SIZE	GROSS REDUCTION	CONTOUR	FINISH	POLISH
					
Description	$\frac{3}{8}$"	Coarse	Medium	Fine	Superfine
Code		SL1981/1958C	SL1981/1958M	SL1981/1958F	SL1981/1958SF
Description	$\frac{1}{2}$"	Coarse	Medium	Fine	Superfine
Code		SL1982/1958C	SL1982/1958M	SL1982/1958F	SL1982/1958SF

100 per package

Finishing and Polishing Strips

Interproximal trimming, polishing, and finishing at a high level of polish and luster, gapped at the center for easy interproximal insertion.

Regular Coarse/Medium Strips	
Narrow Coarse/Medium Strips	
Regular Fine/Superfine Strips	
Narrow Fine/Superfine Strips	

Composite Disc Mandrels (for use with Johnson-Promident Sof-Lex™-type discs)



Description	RA Mandrel	HP Mandrel
Code	MAN-1958RA	MAN-1958HP

3 per package

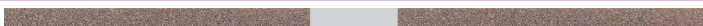





Use with **Deldent Diaglaze Diamond Paste**, containing actual diamond particles for a superb, natural appearance.

Description	Extra Fine (2gm)	Fine (2gm)	Regular (2gm)	3-pack of Regular, Fine, Extra Fine (2gm ea)
Code	520005	520006	520007	520004

Diamond Strips

Fast-cutting diamond strips. Stainless steel with diamond grit. Thin and flexible; will not stretch or break. Fully autoclavable. Diamond coating is ideal for finishing enamel and restorative materials. 6" long and gapped for easy interproximal insertion. Perforated strips provide improved visibility and more flexibility.

Standard			
Description	Super Fine	Fine	Medium
Code	FS4-SF	FS4-F	FS4-M
Perforated			
Description	Super Fine	Fine	Medium
Code	FS4P-SF	FS4P-F	FS4P-M
Double Sided Standard			
Description		Fine	Medium
Code		FSD4-F	FSD4-M
Double Sided Perforated			
Description		Fine	Medium
Code		FSD4P-F	FSD4P-M

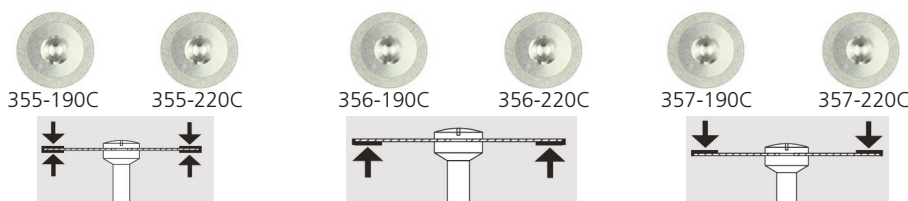
10 per package

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Rotary Instruments

Finishing & Polishing Instruments

Diamond Discs



Super Flexible Diamond Discs

Description	Double-Sided	Double-Sided	Safe Side Out	Safe Side Out	Safe Side In	Safe Side In
Size	19mm	22mm	19mm	22mm	19mm	22mm
Code	355-190C	355-220C	356-190C	356-220C	357-190C	357-220C

1 Per Package



934-190M



934-220M



401-220F

FlexClear Diamond Discs

Description	Double-Sided Mesh	Double-Sided Mesh	Double-Sided Swirl
Size	19mm	22mm	22mm
Code	934-190M	934-220M	401-220F

Separating Discs

7/8"x.009 – Super thin and strong. Made of the purest silicon carbide abrasive for fine cutting and finishing of porcelain interproximals and margins. Will not discolor porcelain.

7/8"x.015 – Very thin. Made with the purest silicon carbide abrasive to provide fast cool cutting of porcelain and gold. Will not discolor porcelain.

7/8"x.025 – Ruby – Made with aluminum oxide that has a ceramic coating for long lasting, fast cutting of all chrome, precious, and semi-precious metals. Compare to Dentsply Faskut® discs and Keystone Red Flush discs.

7/8"x.025 – Stripper – Made with brown aluminum oxide for fast cutting of all chrome, precious, and semi-precious metals.



Strip Saw

7"x8mm wide stainless steel serrated saw for opening embrasures and easily opening contacts following restorative procedures.



Description	8mm Strip Saw
Code	SAW-8MM

6 per package





Zirconia/CAD/CAM Ceramic Abrasives

High performance synthetically bound diamond abrasives for latest generation materials. Specially designed for zirconia and alumina restorations without generating heat. Coarse abrasives for gross reduction, medium abrasives for finishing. For polishing, use Johnson-Promident Porcelain Polishers.

Coarse		
		
Description	Disc	Cone
Code	ZIRC-DC	ZIRC-CC
Shank	RA	RA

3 per package
Recommended RPM 8,000-12,000

Medium		
		
Description	Disc	Cone
Code	ZIRC-DM	ZIRC-CM
Shank	RA	RA

3 per package
Recommended RPM 8,000-12,000



Ceramic Abrasives Kit

Contains 4 pieces:
1 each of disc and cone in coarse and medium

Code ZIRC-KIT

Rotary Instruments

Finishing & Polishing Instruments



Amalgam/Gold Polishing Kit

Contains 12 pieces:
1 each of mini point, point, cup,
and bullet in coarse, medium, and fine.

Code AM-GOLDKIT



Diamond Porcelain Polishing Kit

Contains 12 pieces:
1 each of small point, point, cup,
and disc in coarse, medium, and fine.

Code CERA506-KIT



Standard Porcelain Polishing Kit





Contains 12 pieces:
1 each of small point, point, cup,
and disc in coarse, medium, and fine.

Code PORC-KIT

Amalgam/Gold Polishers, Shofu "Brownie-and-Greenie-Type"

Three-step polishing system for fast removal, smoothing, and polishing of amalgam and precious metals. The silicon carbide is embedded in a medium-soft, flexible synthetic rubber matrix.






12 per package;
Recommended RPM 7,000-12,000

				
Description	Mini Point	Point	Cup	Bullet
Shank	RA	RA	RA	RA
Shaping - Coarse	AMAL-MP030C	AMAL-P050C	AMAL-C065C	AMAL-B040C
Smoothing - Medium	AMAL-MP030M	AMAL-P050M	AMAL-C065M	AMAL-B040M
High Shine - Fine	AMAL-MP030F	AMAL-P050F	AMAL-C065F	AMAL-B040F

Diamond Porcelain Polisher, NTI®/Axis CeraGlaze®-Type

Amazing three-step diamond polishing system for removing, finishing, and high-luster polishing of ceramic, metal, and zirconia. Diamond abrasive embedded in a hard-flexible, silicone polisher. No need for multiple polishing systems, and the high-luster polish is achieved without paste.






3 per package;
Recommended RPM 7,000-12,000

					
Description	Wheel	Small Point	Point	Cup	Disc
Shank	HP	RA	RA	RA	RA
Shaping - Coarse	CERA-W43C	CERA-SP33C	CERA-P32C	CERA-C55C	CERA-D36C
Smoothing - Medium	CERA-W43M	CERA-SP33M	CERA-P32M	CERA-C55M	CERA-D36M
High Shine - Fine	CERA-W43F	CERA-SP33F	CERA-P32F	CERA-C55F	CERA-D36F

Standard Porcelain Polisher, Shofu Ceramiste/NTI® Axis Porcelain-Type

Silicone polishers made specifically for polishing porcelain and enamel, with three grits for prepolishing, polishing, and high shine super polishing.

10 per package;
Recommended RPM 7,000-12,000

					
Description	Wheel	Small Point	Point	Cup	Disc
Shank	HP	RA	RA	RA	RA
Shaping - Coarse	PORC-W43C	PORC-SP33C	PORC-P32C	PORC-C55C	PORC-D36C
Smoothing - Medium	PORC-W43M	PORC-SP33M	PORC-P32M	PORC-C55M	PORC-D36M
High Shine - Fine	PORC-W43F	PORC-SP33F	PORC-P32F	PORC-C55F	PORC-D36F

No implication is made that any of our replacement products are original factory products or that any of the companies endorse our products. Faskut is a registered trademark of Dentsply International. NTI and CeraGlaze are registered trademarks of Axis Dental.

Rotary Instruments

Finishing & Polishing Instruments

Denture Adjustment/Polishing Kit

For chair side denture adjustment, includes one non-clogging carbide bur for fast acrylic trimming and 5 silicone carbide rubber points in Coarse, Medium and Fine for removing, finishing and high luster polishing of denture acrylics.



Contains 6 pieces (HP): 3 Coarse/Green, 1 Medium/Gray, and 1 Fine/Beige Silicone Carbide Rubber Points and 1 Acrylic Trimming Carbide Bur

Code ACRB-KIT

Silicone Acrylic Polishing Kit







Contains 12 pieces: 1 each of small point, point, large point, and jumbo in coarse, medium, and fine.

Code ACR-KIT














Acrylic Polishers, NTI®/Axis-Type

Three-step polishing system for removing, finishing, and high-luster polishing of acrylics. Silicon carbide embedded in a medium-soft, flexible, synthetic rubber matrix.

6 per package; Recommended RPM 5,000-7,000				
				
Description	Small Point	Point	Large Point	Jumbo
Shank	HP	HP	HP	HP
Shaping - Coarse	ACR-SP9580C	ACR-P679C	ACR-LP674C	ACR-J672C
Smoothing - Medium	ACR-SP9580M	ACR-P669M	ACR-LP664M	ACR-J662M
High Shine - Fine	ACR-SP9580F	ACR-P659F	ACR-LP654F	ACR-J652F

Green and White Stones, Shofu Dura-Green- and Dura-White-Type

Green Stones contain silicon carbide and are excellent for fast contouring and finishing of porcelain, composites, and gold and silver alloys. White Stones, made of aluminum oxide, are ideal for fine contouring and finishing of enamel, composites, and porcelains.

Green Stones													12 per package. Recommended RPM 8,000-12,000
													
Description	CY-3	TC-2	TC-4	IC-3	IC-5	IC-7	IC-9	KN-7	PC-2	WH-3	WH-6	CN1	FL2
Shank	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	HP	FG	FG
Code	G-CY3HP-12	G-TC2HP-12	G-TC4HP-12	G-IC3HP-12	G-IC5HP-12	G-IC7HP-12	G-IC9HP-12	G-KN7HP-12	G-PC2HP-12	G-WH3HP-12	G-WH6HP-12	G-CN1FG-12	G-FL2FG-12

White Stones							12 per package. Recommended RPM 8,000-12,000
							
Description	WH-6	TC-4	FL-3	IC-4	CN1	FL2	
Shank	HP	HP	HP	HP	FG	FG	
Code	W-WH6HP-12	W-TC4HP-12	W-FL3HP-12	W-IC4HP-12	W-CN1FG-12	W-FL2FG-12	

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Lubricants



DCL 90 Lubricant/Cleaner

- All-in-One degreaser, cleaner and lubricating conditioner.
- Unique formula contains high temperature silicon to prevent damage to bearings during autoclaving.

6 oz. Spray Can

L-DCL



European Lubricant

- Handpiece spray lubricant for KaVo and other European handpieces.
- Designed to fit KaVo adapters.
- Same performance with economical price.

11.7 oz. Spray Can

L-EL



Pro Handpiece Lubricant Refill

- Handpiece lubricant refill for automated handpiece maintenance systems like Assistina.

16 oz. Bottle

L-PL



Pro Handpiece Cleaner Refill

- Handpiece cleaner refill for automated handpiece maintenance systems like Assistina.

16 oz. Bottle

L-PC



Pen Oiler

- Convenient and neat autoclavable lubricating oil.

1/4 oz. Pen

L-PP



Handpiece Lubricant

- Economical Squeeze dropper autoclavable handpiece lubricating oil.

2 oz. Bottle

L-AC

Premium Spray for KaVo

- Exact same formula as KaVo Spray.
- Advanced Cleaner and Lubricant.
- Accepts all KaVo nozzles.

L-K



Nozzle for All KaVo Quick Disconnect

L-KNQD



Nozzle for KaVo Fixed Back and Slow Speed

L-KNSTD



Nozzle for NSK Mach Type/Flexiquik Couplers

L-NSKMACH



Nozzle for NSK QD-J Couplers

L-NSKQDJ



Nozzle for E-Type Attachments

L-ETYPE





Did you know that we offer over 1,000 products?

Over the past four decades, Johnson-Promident has been serving the needs of dental and lab equipment dealers and repair facilities as the trusted source for handpieces, rotary instruments, replacement parts and accessories. We set high standards for ourselves and our suppliers. That translates into excellent service levels, wide ranging product availability and products that provide superior value.

Johnson-Promident has focused primarily on the handpiece category since its inception enabling us to assemble the broadest product line in the U.S. Our prices will allow you to offer the lowest prices to your customers on every Johnson-Promident handpiece and rotary instrument sold.

...but what really sets us apart...

SUPERIOR PERSONALIZED SERVICE. We are committed to working with you and your business to enhance the attractiveness of your product offering, capture more of the market and boost your profitability.

Terms and Conditions & Repair Support

Terms & Conditions

Returns: Before opening a sealed handpiece box or carton, please examine the label to ensure you have received the correct item (including the correct back end configuration). If the box seal is broken, the handpiece will only be repaired or replaced in accordance with the warranty. Only unopened handpieces will be exchanged. This policy is for your protection and is final.

Prior approval must be obtained from Johnson-Promident before merchandise may be returned for credit. Only standard merchandise of current stock, less than six months from date of original shipping date and accompanied by the original invoice will be accepted for credit. Shipment of returned merchandise must be prepaid. Items returned for repair work only, may be returned without prior approval.

Restocking fee: Merchandise approved and returned in the original unopened container and accompanied by the invoice, will be charged a 20% restocking fee.

Conditions: Purchasing of Johnson-Promident products from this list is open to recognized accounts and/or dealers of Johnson-Promident. Possession of a dealer's price list does not constitute an offer to sell. Johnson-Promident reserves the right to make changes in product design without any obligation to accept previously manufactured products for alteration, exchange or credit. Payment terms are net 30 days. A late payment fee of 1 1/2% will be assessed monthly on the total invoice past due.

Claims: Shortage claims must be made within 48 hours from receipt of the goods. Damaged goods must be reported to the carrier within 24 hours and damage claims must be filed by the consignee.

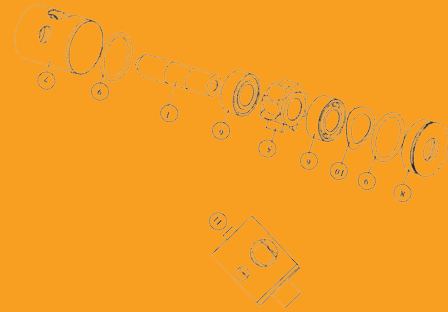
Warranty: Johnson-Promident warrants its products to the original purchaser against defective workmanship and materials under normal procedures of installation, use and service within the dental profession, for six months from the date of sale for all Slow Speed and Whispair handpieces, Kool Torque and Shortgripper attachments, Curing Lights, Deluxe Scaler and Replacement Turbines installed by Johnson Promident. All other products have a three month warranty. All handpiece shells carry a one year warranty.

Disclaimer: No implication is made that any of the registered trade names mentioned in this catalog are original factory products or that any of these companies endorse any of our products. These trade names include: KaVo, Dentatus, Whaledent, Midwest, Rhino, Shorty, Quiet Air Lever, Tradition Lever, XGT, Stylus, Bien Air, Black Pearl, Ondine, Star, Titan, Vista 430, KaVo Contact Air, Super Torque, Lares, NSK Push & Swivel, NSK Phatelus, NSK Super Grade, Kinetic Viper, W&H, Sabra, Synea, Siemens.

Wholesale Repair Support Program

Johnson-Promident understands that product support through parts and service has become increasingly important to a dealer or repair facility's ability to attract and retain customers. We can help you broaden your services and improve turnaround time to your customers.

- **Outsource repair work:** We can be your in-house service technician for any handpiece products or instruments your customers need repaired.
- **Wholesale repair prices:** Johnson-Promident's wholesale repair prices make it an easy and profitable extension to your existing business.
- **Repair and replacement parts:** We have a full stock of parts for most brands providing you "just-in time" delivery to meet your customers' needs.



The Advantage for Your Customers:

TIME: Quick 24 hour turnaround on most repairs to reduce equipment downtime.

MONEY: Your repairs are 30-40% less expensive to the customer than sending them to the manufacturer, and we offer no obligation free estimates.

SECURITY: Quality repairs provided with a warranty of up to 180 days (depending on type of repair) which is twice the industry average.

KNOWLEDGE: Toll-free helpline staffed by expert technicians available to answer any handpiece operational or maintenance questions.

Repair expertise for all makes and models of high and low speed handpieces.



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