state of mind, state of the art
Powerful Partners®
NSK Handpieces and The Human Hand

Speed and torque properties are often considered the main criteria for judging handpiece functionality. However, we believe the most important aspect is to simply and unconditionally fulfill the user’s wishes and requirements. For ease of use and outstanding functionality, think NSK. We believe it is especially important for the handpiece to be able to respond to the subtle hand movements required in delicate surgical procedures, and to fit so comfortably so that it integrates perfectly with the operator’s hand when in use. At NSK, our handpieces are powerful partners for the demanding surgeon. NSK handpieces enable the surgeon’s hand to more efficiently carry out delicate surgical procedures.

NSK handpieces and the human hand – Powerful Partners®. Inseparable fellow partners.
Powerful Partners®

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The Company

In July 2001, the new NSK Headquarters facility was opened. This entirely new facility houses a more effective system for research and speedier production of our outstanding products by integrating the R & D department, the manufacturing department and the Sales & Marketing department under one roof.

A particularly remarkable feature of NSK is the in-house development and manufacture of its products. The R & D Department has highly specialized staff with the necessary skills to design and develop intricate precision instrumentation and electronic circuitry. This makes it possible for NSK to rapidly respond to market demands while still maintaining the strict discipline of high-quality control.

Managing Strict Quality Control While Pursuing Competitive Productivity

We at NSK believe that quality is achieved during the manufacturing process. NSK attains quality assurance company-wide by improving the quality skills of our staff and assuring production equipment capacity. NSK has installed state-of-the-art computer controlled equipment at every stage of production and has manufactured more than 13,000 tools used to produce NSK components.

The NSK Quality Assurance Program revolves around a system of stringent checks encompassing all stages of production from the manufacture of parts through to the assembly. NSK has installed its own inspection equipment designed to detect the minutest discrepancies in the order of microns. Additionally, NSK staff diligently monitor numerous check points that are only verifiable by people. The finished products are test operated prior to shipping.

NSK Manufacturing Department's precision production and the highest standard of quality procedures.

NSK and The Environment

NSK is particularly aware of the need to protect the environment. The company Headquarters is located in a rural region. To safeguard our natural environment, NSK utilizes the most effective methods to conform to environment protection requirements. NSK was awarded the ISO14001 certification in 1999. Environmental friendly practices and eco-friendly production are distinct points of evaluation for production companies.

Product Safety & Reliability

Because NSK is a recognized medical equipment manufacturer, priority in product safety and reliability is a high criteria. In today’s modern world of technology, accidentally operating or affecting devices by electromagnetic waves transmitted from outside electronic devices is an ever-present danger. In response to this possible problem, NSK has introduced a special electromagnetic wave measuring facility. All products developed by NSK are designed to minimize the influence of electromagnetic wave interference. NSK satisfies the European EMC* Standard.

Compliance with Strict Medical Regulations

NSK develops and manufactures medical devices, complying to the ISO9001 / ISO13485 quality assurance management systems and MDD requirements, in order to provide surgeons with first-class quality products.
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State of Mind, State of the Art

High performance
The Primado system responds quickly and allows the operator complete freedom of movement. Dual ports allow the operator to instantly switch between the two micromotors. A wide selection of handpieces facilitates many surgical procedures.

Superior ease of operation
The micromotor and the motor cord are well balanced for comfort of use. Likewise, there is no drag on the flexible motor cord. The extremely quiet motor helps to maintain a calm atmosphere during operation.

Further developments planned to further increase functionality
The 100% in-house control in every step of the production allows us the flexibility to incorporate valued customer suggestions in product development. Furthermore, the electrically-driven system can be easily and quickly upgraded to newer future versions.

Designed with an emphasis on maintenance
Surgical devices are used repeatedly on a daily basis. We place great emphasis on after-sale maintenance services in the product design stage and have included maintenance service as standard. Our company’s maintenance system is exactly the same. At NSK, you can be sure of reliable long term performance.

Superior cost performance
Our products are manufactured completely in-house starting from the motors, giving us total control over the manufacturing procedure. Furthermore, as a result of our stringent quality control, our products offer outstanding cost performance.

Designed from the user’s perspective
Our products are easily assembled and disassembled without the need of special tools making them easy to use. The simple design helps reduce the stress of surgeons and operating room staff.

Primado Product Line Up

Wire Pin Driver & Attachments

WIRE & PIN COLLETS: P23

DRILL ATTACHMENTS: P24

REAMER ATTACHMENTS: P25

SAW ATTACHMENTS: P25

Primado Product Line Up

SLIM HANDPIECES: P11

SUPER SLIM HANDPIECES: P12

HIGH SPEED HANDPIECES: P13

STANDARD ANGLE HANDPIECES: P14

STANDARD STRAIGHT HANDPIECES: P15

MICRO BONE SAW HANDPIECES: P21

CONTRA ANGLE HANDPIECES: P19

PERFORATOR / DRILL / CRANIOTOME: P16-17

Foot Control

Control Unit

MICROMOTOR: P7-9

Wire Pin Driver

Motor Cord
State of Mind, State of the Art

High performance
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Primado Product Line Up

Wire Pin Driver & Attachments New

WIRE & PIN COLLETS : P23
- Wire
- Pin

DRILL ATTACHMENTS : P24
- Jacobs Keyed
- AC
- HSS

REAMER ATTACHMENTS : P25
- Hudson Modified Trinkle
- Trinkle
- AC

SAW ATTACHMENTS : P25
- Reciprocating Saw
- Sagittal Saw

CONTROL UNIT & MICROMOTOR : P7–9

Primado Product Line Up

SLIM HANDPIECES 60,000 min⁻¹ : P11
- Long
- Extra Long
- Super Long

SUPER SLIM HANDPIECES 24,000 min⁻¹ : P12
- Long
- Extra Long

HIGH SPEED HANDPIECES 60,000 min⁻¹ : P13
- Short
- Medium
- Long

STANDARD ANGLE HANDPIECES 60,000 min⁻¹ : P14
- Extra Short
- Short
- Medium

STANDARD STRAIGHT HANDPIECES 60,000 min⁻¹ : P15
- Extra Short
- Short
- Medium

PERFORATOR / DRILL / CRANIOTOME : P16–17
- Perforator
- Drill
- Craniotome

CONTRA ANGLE HANDPIECES : P19
- 10:1
- 6:1

MICRO BONE SAW HANDPIECES : P21
- Reciprocating Saw
- Sagittal Saw
- Oscillating Saw

Foot Control
Control Unit
Primado®

Total Surgical System

Electric High Speed Drill and Bone Saw are designed for Micro Surgery.

NSK Primado High Speed Motor

- Lowest noise and vibration
- Smooth performance
- Ultra thin handpiece shafts
- Effortless assembly
- Fast, stable and safe dissection
- One motor compatible with all rotating handpieces
- Unprecedented torque with 6N-cm

NSK's Superior Technology Results in
A Slim Ergonomic Micromotor with Remarkably High Power Output

Compact and virtually vibration free, the NSK Primado is designed to fit comfortably in the human hand for prolonged periods. The size and comfort of the brushless micromotor is without compromise to the torque and speed output. Durability is assured even with repeated sterilization procedures.

Effective Adjustable coolant solution delivered by a Powerful and Reliable Pump

Coolant flow volume is controlled to any of 5 settings, or stopped.

Features

- Adjustable speed from 1,000 to 60,000 min⁻¹
- 100,000 min⁻¹ in case of high speed handpiece
- Reversible direction
- Variable flow control
- Excellent overall system weight and balance – cable lighter, more flexible than a pneumatic hose

The Primado control unit automatically senses which motor is connected and provides optimum speed and torque for each handpiece. An irrigation pump is also integrated into the unit with variable flow control. The control unit has an enhanced design and is portable. The practical handle can be used for carrying.

Primado Control Unit

- Max. Output: 210 W
- Power Supply: AC120V or 230V 50/60 Hz
- Dimensions: W260 x D260 x H100 (mm)

Newly designed Handpiece

Coolant flow volume is controlled
to any of 5 settings, or stopped.
Primado

Total Surgical System

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Features

- Maximum Speed Check Lamp
- Motor Speed Display
- Water Injection Volume Display Lamp
- Reverse Rotation Button
- Water Injection Volume Setting Button
- Speed Adjustment Button
- Reverse Rotation Alarm Volume Adjustment Button

The Primado control unit automatically senses which motor is connected and provides optimum speed and torque for each handpiece. An irrigation pump is also integrated into the unit with variable flow control. The control unit has an enhanced design and is portable. The practical handle can be used for carrying.

Effective Adjustable coolant solution delivered by a Powerful and Reliable Pump

Coolant flow volume is controlled to any of 5 settings, or stopped.

Primado Control Unit

PD-CU-120
Primado Control Unit for 120V
• Max. Output : 210 W
• Power Supply : AC120V or 230V  50/60Hz
• Dimensions : W260 x D260 x H100 (mm)

PD-CU-230
Primado Control Unit for 230V
• Max. Output : 210 W
• Power Supply : AC120V or 230V  50/60Hz
• Dimensions : W260 x D260 x H100 (mm)
Primado Micromotor
Compact Surgical Micromotor

NSK offers two types of foot control for the forward and reverse rotation.
The attractively shaped flat foot control are equipped with a bracket enabling them to be easily raised or moved with the foot.

**PD-MH**
Primado Micromotor
- Motor Speed: 1,000 – 60,000 min⁻¹
- Connecting to all 21 rotary handpieces
- Maximum Torque: 6N·cm
- Brushless Micromotor
- High Speed (100,000 min⁻¹) can be obtained by connecting with a high speed handpiece

**PD-MH-HS**
Primado Micromotor with Hand Control
- Motor Speed: 1,000 – 60,000 min⁻¹
- Connecting to all 21 rotary handpieces
- Maximum Torque: 6N·cm
- Brushless Micromotor
- High Speed (100,000 min⁻¹) can be obtained by connecting with a high speed handpiece

**PD-FC-W**
Primado Foot Control
- For Forward and Reverse Rotation
- Operated by Doctors
- Speed Control: Variable
- Applied Standard: IPX8

**PD-FC-S**
Primado Foot Control
- For Forward and Reverse Rotation
- Operated on the Control Unit
- Speed Control: Variable
- Applied Standard: IPX8

**PD-EC**
Primado Motor Cord
- For PD-MH, PD-MH-HS, PD-WPD
- 3.5 m

**PD-IT2S**
Irrigation Tube
- Pack of 5
- Sterilized

**PD-IT2S**
Irrigation Tube
- Pack of 5
- Sterilized
NSK offers two types of foot control for the forward and reverse rotation. The attractively shaped flat foot control are equipped with a bracket enabling them to be easily raised or moved with the foot.
Drilling & Grinding

The combination of the 20° angled driver, and the advanced bearing sleeve design provides the surgeon with the versatility to address the most challenging “Minimally Invasive Surgery”.

Slim Handpieces for ø 1.0 mm bur

The slim handpiece has the same performance as the standard handpiece, and we have created 4.7 mm diameter narrow bur guards. The narrow handpiece allows direct visualization of the bur in surgical procedures with limited viewing access. In addition, the extra long and super long handpieces are “curved handpieces” with an angle of 10°.

**Long**

**PD-1A135**
Long Slim Handpiece
- For Primado Burs Long ø1.0 mm

**Extra Long**

**PD-1A155-10**
Extra Long Slim Handpiece with a curvature of 10°
- For Primado Burs Extra Long ø1.0 mm

**Super Long**

**PD-1A175-10**
Super Long Slim Handpiece with a curvature of 10°
- For Primado Burs Super Long ø1.0 mm
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Long

PD-1A135
Long Slim Handpiece
• For Primado Burs Long ø1.0 mm

Extra Long

PD-1A155-10
Extra Long Slim Handpiece with a curvature of 10°
• For Primado Burs Extra Long ø1.0 mm

Super Long

PD-1A175-10
Super Long Slim Handpiece with a curvature of 10°
• For Primado Burs Super Long ø1.0 mm

60,000 min⁻¹
Super Slim Handpieces for ø 1.0 mm bur

Ultra-narrow diameter super slim handpieces (achieving a bur guard tip diameter of 2.1 mm) deliver excellent performance in their ease of use in various surgical procedures with limited viewing access.

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Handpiece Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ø2.1 mm</td>
<td>PD-RA135 Long Super Slim Handpiece</td>
<td>For Primado Burs Long ø1.0 mm</td>
</tr>
<tr>
<td>ø2.1 mm</td>
<td>PD-RA155 Extra Long Super Slim Handpiece</td>
<td>For Primado Burs Extra Long ø1.0 mm</td>
</tr>
</tbody>
</table>

High Speed Handpieces for ø 3.17 mm bur

The NSK High Speed handpiece operates at 100,000 min⁻¹ and offers smooth, controlled and effective bone dissection. It sets standards for the combination of high power, smooth operation, and low noise level.

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<td>ø3.5 mm</td>
<td>PD-IN-3S Irrigation Nozzle</td>
<td>For PD-3GAS (Short)</td>
</tr>
<tr>
<td>ø3.5 mm</td>
<td>PD-IN-3M Irrigation Nozzle</td>
<td>For PD-3GAM (Medium)</td>
</tr>
<tr>
<td>ø3.5 mm</td>
<td>PD-IN-3L Irrigation Nozzle</td>
<td>For PD-3GAL (Long)</td>
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**Super Slim Handpieces** for ø 1.0 mm bur

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**High Speed Handpieces** for ø 3.17 mm bur

The NSK High Speed handpiece operates at 100,000 min⁻¹ and offers smooth, controlled and effective bone dissection. It sets standards for the combination of high power, smooth operation, and low noise level.

---

**Long**

**PD-RA135**

Long Super Slim Handpiece
- For Primado Burs Long ø1.0 mm

**Extra Long**

**PD-RA155**

Extra Long Super Slim Handpiece
- For Primado Burs Extra Long ø1.0 mm

---

**Short**

**PD-3GAS**

Short High Speed Handpiece
- For Primado Burs Short ø3.17 mm
- Irrigation Nozzle is not included

**Medium**

**PD-3GAM**

Medium High Speed Handpiece
- For Primado Burs Medium ø3.17 mm
- Irrigation Nozzle is not included

**Long**

**PD-3GAL**

Long High Speed Handpiece
- For Primado Burs Long ø3.17 mm
- Irrigation Nozzle is not included
Standard Angle Handpieces for ø 2.35 mm bur

**Extra Short**
- **PD-2AES**
  - Standard Angle Handpiece
  - For Primado Burs Extra Short ø2.35 mm
  - Irrigation Nozzle is not included

**Short**
- **PD-2AS**
  - Standard Angle Handpiece
  - For Primado Burs Short ø2.35 mm
  - Irrigation Nozzle is not included

**Medium**
- **PD-2AM**
  - Standard Angle Handpiece
  - For Primado Burs Medium ø2.35 mm
  - Irrigation Nozzle is not included

**Long**
- **PD-2AL**
  - Standard Angle Handpiece
  - For Primado Burs Long ø2.35 mm
  - Irrigation Nozzle is not included

**Irrigation Nozzle**
- **PD-IN-2ES**
  - For PD-2AES, Extra Short
- **PD-IN-2S**
  - For PD-2AS, Short
- **PD-IN-2M**
  - For PD-2AM, Medium
- **PD-IN-2L**
  - For PD-2AL, Long

Standard Straight Handpieces for ø 2.35 mm bur

**Extra Short**
- **PD-2SES**
  - Standard Straight Handpiece
  - For Primado Burs Extra Short ø2.35 mm
  - Irrigation Nozzle is not included

**Short**
- **PD-2SS**
  - Standard Straight Handpiece
  - For Primado Burs Short ø2.35 mm
  - Irrigation Nozzle is not included

**Medium**
- **PD-2SM**
  - Standard Straight Handpiece
  - For Primado Burs Medium ø2.35 mm
  - Irrigation Nozzle is not included

**Long**
- **PD-2SL**
  - Standard Straight Handpiece
  - For Primado Burs Long ø2.35 mm
  - Irrigation Nozzle is not included

**Irrigation Nozzle**
- **PD-IN-2ES**
  - For PD-2SES, Extra Short
- **PD-IN-2S**
  - For PD-2SS, Short
- **PD-IN-2M**
  - For PD-2SM, Medium
- **PD-IN-2L**
  - For PD-2SL, Long
Standard Angle Handpieces for ø 2.35 mm bur

- **Extra Short**
  - **PD-2AES**
  - Standard Angle Handpiece
  - For Primado Burs Extra Short ø2.35 mm
  - Irrigation Nozzle is not included

- **Short**
  - **PD-2AS**
  - Standard Angle Handpiece
  - For Primado Burs Short ø2.35 mm
  - Irrigation Nozzle is not included

- **Medium**
  - **PD-2AM**
  - Standard Angle Handpiece
  - For Primado Burs Medium ø2.35 mm
  - Irrigation Nozzle is not included

- **Long**
  - **PD-2AL**
  - Standard Angle Handpiece
  - For Primado Burs Long ø2.35 mm
  - Irrigation Nozzle is not included

Standard Straight Handpieces for ø 2.35 mm bur

- **Extra Short**
  - **PD-2SES**
  - Standard Straight Handpiece
  - For Primado Burs Extra Short ø2.35 mm
  - Irrigation Nozzle is not included

- **Short**
  - **PD-2SS**
  - Standard Straight Handpiece
  - For Primado Burs Short ø2.35 mm
  - Irrigation Nozzle is not included

- **Medium**
  - **PD-2SM**
  - Standard Straight Handpiece
  - For Primado Burs Medium ø2.35 mm
  - Irrigation Nozzle is not included

- **Long**
  - **PD-2AL**
  - Standard Straight Handpiece
  - For Primado Burs Long ø2.35 mm
  - Irrigation Nozzle is not included
PERFORATOR / DRILL / CRANIOTOME

Perforator Handpiece

The NSK Perforator is designed for both adult and paediatric cranial surgery.

Craniotome Handpiece for ø 3.17 mm bur

The NSK Craniotome is designed for both adult and paediatric cranial surgery. NSK offers three footed Duraguards, used to turn cranial flaps. The quick release chuck ensure the cranial bur is positively retained.

Drill Handpieces for ø 2.35 mm bur

The NSK High Speed Drill is designed for drilling, cutting and sculpting small bones. The drill accepts standard 2.35 mm diameter shank burs.

PD-PER
Perforator Handpiece
- Maximum Speed 1,200 min⁻¹
- Accepts Hudson Chuck Perforators
- Perforator Blades is not included

PD-2SD
Straight Drill Handpiece
- For Primado Drill Burs ø 2.35 mm

PD-2AD
Angled Drill Handpiece
- For Primado Drill Burs ø 2.35 mm

PD-IN-O
Irrigation Nozzle
- For PD-2SD, PD-2AD

PD-CRA
Craniotome Handpiece
- For Primado Cranio Burs (ø3.17 mm)
- 1 x Medium Duraguard (PD-CRD-M) is included

PD-CRD-P
Pediatric Duraguard
- For PD-CRA

PD-CRD-M
Medium Duraguard
- For PD-CRA

PD-CRD-L
Long Duraguard
- For PD-CRA
**PERFORATOR / DRILL / CRANIOTOME**

**Perforator Handpiece**

1,200 min⁻¹

The NSK Perforator is designed for both adult and paediatric cranial surgery.

- **PD-PER**
  - Perforator Handpiece
  - Maximum Speed 1,200 min⁻¹
  - Accepts Hudson Chuck Perforators
  - Perforator Blades are not included

**Drill Handpieces for ø 2.35 mm bur**

60,000 min⁻¹

The NSK High Speed Drill is designed for drilling, cutting and sculpting small bones. The drill accepts standard 2.35 mm diameter shank burs.

- **PD-2SD**
  - Straight Drill Handpiece
  - For Primado Drill Burs ø 2.35 mm

- **PD-2AD**
  - Angled Drill Handpiece
  - For Primado Drill Burs ø 2.35 mm

- **PD-IN-O**
  - Irrigation Nozzle
  - For PD-2SD, PD-2AD

**Craniotome Handpiece for ø 3.17 mm bur**

60,000 min⁻¹

The NSK Craniotome is designed for both adult and paediatric cranial surgery. NSK offers three-footed Duraguards, used to turn cranial flaps. The quick release chuck ensures the cranial bur is positively retained.

- **PD-CRA**
  - Craniotome Handpiece
  - For Primado Cranio Burs (ø 3.17 mm)
  - 1 x Medium Duraguard (PD-CRD-M) is included

- **PD-CRD-P**
  - Pediatric Duraguard
  - For PD-CRA

- **PD-CRD-M**
  - Medium Duraguard
  - For PD-CRA

- **PD-CRD-L**
  - Long Duraguard
  - For PD-CRA

The NSK Perforator is designed for both adult and paediatric cranial surgery.

NSK offers three-footed Duraguards, used to turn cranial flaps. The quick release chuck ensures the cranial bur is positively retained.

The NSK Craniotome is designed for both adult and paediatric cranial surgery. NSK offers three-footed Duraguards, used to turn cranial flaps. The quick release chuck ensures the cranial bur is positively retained.
Contra Angle Handpieces

**PD-CA-16**
- Contra Angle Handpiece
- 16:1 Reduction
- Latch Type Chuck
- For CA burs (ø2.35)

**PD-CA-64**
- Contra Angle Handpiece
- 64:1 Reduction
- Latch Type Chuck
- For CA burs (ø2.35)
Contra Angle Handpieces

**PD-CA-16**
- Contra Angle Handpiece
- 16:1 Reduction
- Latch Type Chuck
- For CA burs (ø2.35)

**PD-CA-64**
- Contra Angle Handpiece
- 64:1 Reduction
- Latch Type Chuck
- For CA burs (ø2.35)
Bone Saw Handpieces

Versatile Instruments for Small Bone Surgery

The NSK Primado Bone Saw System is an instrument system that offers versatility and convenience with modular components. The preferred maximum speed can be set on the electric control unit using the foot control. The handpieces are well balanced for optimal control, feel and visibility and allow operation with minimal vibration.

MICRO BONE SAW HANDPIECES

Reciprocating Saw Handpiece

Sagittal Saw Handpiece

Oscillating Saw Handpiece

Reciprocating Saw Handpiece

PD-REC-S
Reciprocating Saw Handpiece
• For Primado Micro Bone Saw Blades
  (Blade is not included)
• Irrigation Nozzle is not included

Sagittal Saw Handpiece

PD-SAG-S
Sagittal Saw Handpiece
• For Primado Micro Bone Saw Blades
  (Blade is not included)
• Irrigation Nozzle is not included

Oscillating Saw Handpiece

PD-OSC-S
Oscillating Saw Handpiece
• For Primado Micro Bone Saw Blades
  (Blade is not included)
• Irrigation Nozzle is not included

Adaptor

PD-OSC-A
Adaptor
• For Oscillating Intra Oral Blades

Irrigation Nozzles

PD-IN-REC
Irrigation Nozzle
• For PD-REC-S

PD-IN-SAG
Irrigation Nozzle
• For PD-SAG-S

PD-IN-OSC
Irrigation Nozzle
• For PD-OSC-S

Blades

Pages 34-37
Bone Saw Handpieces
Versatile Instruments for Small Bone Surgery

MICRO BONE SAW HANDPIECES

The NSK Primado Bone Saw System is an instrument system that offers versatility and convenience with modular components. The preferred maximum speed can be set on the electric control unit using the foot control. The handpieces are well balanced for optimal control, feel and visibility and allow operation with minimal vibration.

Reciprocating Saw Handpiece

![Reciprocating Saw Handpiece](image1)

**PD-REC-S**
Reciprocating Saw Handpiece
• For Primado Micro Bone Saw Blades (Blade is not included)
• Irrigation Nozzle is not included

Sagittal Saw Handpiece

![Sagittal Saw Handpiece](image2)

**PD-SAG-S**
Sagittal Saw Handpiece
• For Primado Micro Bone Saw Blades (Blade is not included)
• Irrigation Nozzle is not included

Oscillating Saw Handpiece

![Oscillating Saw Handpiece](image3)

**PD-OSC-S**
Oscillating Saw Handpiece
• For Primado Micro Bone Saw Blades (Blade is not included)
• Irrigation Nozzle is not included

**PD-OSC-A**
Adaptor
• For Oscillating Intra Oral Blades

Blades

Pages 34-37
Primado Wire Pin Driver

Powerful & Versatile

NSK offers powerful and versatile wire pin driver and accessories. Its ergonomic design allows fatigue-free and precise procedures.

Primado Wire Pin Driver

Motor Speed : 1,200 min⁻¹

Spray Adaptor is included

Spray Adaptor

Primado Wire & Pin Collets

Primado Wire Collet

ø0.6~ø1.9 mm

Primado Pin Collet

ø2.0~ø3.2 mm

PD-WPD

Primado Wire Pin Driver

Motor Speed : 1,200 min⁻¹

Spray Adaptor is included

PD-DA-W

Primado Wire Collet

ø0.6~ø1.9 mm

PD-DA-P

Primado Pin Collet

ø2.0~ø3.2 mm
Primado Wire Pin Driver

NSK offers powerful and versatile wire pin driver and accessories. Its ergonomic design allows fatigue-free and precise procedures.

Wire Pin Driver

Powerful & Versatile

Primado Wire Pin Driver

- Motor Speed: 1,200 min⁻¹
- Spray Adaptor is included

Spray Adaptor

- For Wire Pin Driver Attachments

Primado Wire & Pin Collets

Primado Wire Collet

- ø0.6~ø1.9 mm

Primado Pin Collet

- ø2.0~ø3.2 mm
Drill Attachments

- **PD-DA-J4**
  - Jacobs Keyed Drill Chuck
  - ø0.5~ø4.0 mm
  - Key is included

- **PD-DA-J6**
  - Jacobs Keyed Drill Chuck
  - ø0.5~ø6.5 mm
  - Key is included

- **PD-DA-A**
  - AO Drill Chuck

- **PD-DA-K**
  - Keyless Drill Chuck

Reamer Attachments

- **PD-RA-M**
  - Hudson Modified Trinkle Reamer

- **PD-RA-H**
  - Hudson Reamer

- **PD-RA-T**
  - Trinkle Reamer

- **PD-RA-A**
  - AO Reamer

Saw Attachments

- **PD-SA-R**
  - Reciprocating Saw Attachment
  - For Primado Micro Bone Saw Blades

- **PD-SA-S**
  - Sagittal Saw Attachment
  - For Primado Micro Bone Saw Blades

Blades: Pages 34, 36-37
Drill Attachments

- **PD-DA-J4**
  - Jacobs Keyed Drill Chuck
  - ø0.5~ø4.0 mm
  - Key is included

- **PD-DA-J6**
  - Jacobs Keyed Drill Chuck
  - ø0.5~ø6.5 mm
  - Key is included

- **PD-DA-A**
  - AO Drill Chuck

- **PD-DA-K**
  - Keyless Drill Chuck

Reamer Attachments

- **PD-RA-M**
  - Hudson Modified Trinkle Reamer

- **PD-RA-H**
  - Hudson Reamer

- **PD-RA-T**
  - Trinkle Reamer

- **PD-RA-A**
  - AO Reamer

Saw Attachments

- **PD-SA-S**
  - Sagittal Saw Attachment
  - For Primado Micro Bone Saw Blades

- **PD-SA-R**
  - Reciprocating Saw Attachment
  - For Primado Micro Bone Saw Blades

- **PD-SA-T**
  - Blades (Page 34, 36-37)
NSK offers a specially designed mobile trolley for the Primado control unit which is not only practical but also elegant. In this way all the equipment can be stored in one place allowing easy access when needed. The trolley has adjustable height, lockable wheels and a bracket for the cable on the side.

### ACCESSORIES

#### iCart-L Mobile Trolley

NSK offers a specially designed mobile trolley for the Primado control unit which is not only practical but also elegant. In this way all the equipment can be stored in one place allowing easy access when needed. The trolley has adjustable height, lockable wheels and a bracket for the cable on the side.

#### Primado Sterilization Cassettes

**PD-SC-CS**
- Sterilization Cassette
- **Dimensions:** W374 x D170 x H157 (mm)
- Tray is not included

**PD-SC-CM**
- Sterilization Cassette
- **Dimensions:** W374 x D170 x H157 (mm)
- Tray is not included

**PD-SC-TA**
- Sterilization Tray
- **Dimensions:** W343 x D159 x H45 (mm)
- For Primado Handpieces x 7 pcs.

**PD-SC-TB**
- Sterilization Tray
- **Dimensions:** W343 x D159 x H45 (mm)
- For Primado Bone Saw Handpieces x 3 pcs., Perforator Handpiece x 1 pc., Craniotome Handpiece x 1 pc., Small Box For Duraguards, Burs & Blades

**PD-SC-TD**
- Sterilization Tray
- **Dimensions:** W343 x D159 x H45 (mm)
- For Drill Attachments x 3 pcs., Saw Attachments x 2 pcs., Key x 2 pcs.

**PD-SC-TR**
- Sterilization Tray
- **Dimensions:** W343 x D159 x H45 (mm)
- For Reamer Attachments x 4 pcs., Drill Attachment x 1 pc.

**PD-SC-TF**
- Sterilization Tray
- **Dimensions:** W343 x D159 x H45 (mm)
- For Primado Micromotors x 2 pcs., Primado Motor Cords x 2 pcs. & Primado Handpiece x 1 pc. or Drill Handpiece x 2 pcs.

**PD-SC-TW**
- Sterilization Tray
- **Dimensions:** W343 x D159 x H45 (mm)
- For Drill Attachments x 3 pcs., Saw Attachments x 2 pcs., Key x 2 pcs.

**PD-SC-TH**
- Sterilization Tray
- **Dimensions:** W343 x D159 x H45 (mm)
- For Primado Handpieces x 7 pcs.

### PANA SPRAY Plus

PANA SPRAY Plus is a specially formulated, highly effective general handpiece lubricant. Frequent application of PANA SPRAY Plus will assure handpiece performance and durability. Apply PANA SPRAY Plus immediately after each operation.

**PANA SPRAY Plus**
- Angle Handpieces
- Straight Handpieces
- Perforator / Drill / Craniotome
- Contra Angle Handpieces
- E-Type Spray Nozzle
- For Handpieces

**PANA SPRAY Plus Pack**
- **Pack of 6**
- **Z182100**
  - For Handpieces
  - Alcohol-contained Lubricant

**Spray Mist Absorber**

A convenient way to avoid mist spray from escaping into the environment. Simply insert the handpiece into the Absorber Pack then apply the spray lubricant.

**Spray Mist Absorber**
- **Pack of 10**
- **Y900084**
  - Spray Mist Absorber
- **Y900630**
  - PANA SPRAY Plus Pack
  - **Pack of 6**
iCart-L Mobile Trolley
NSK offers a specially designed mobile trolley for the Primado control unit which is not only practical but also elegant. In this way all the equipment can be stored in one place allowing easy access when needed. The trolley has adjustable height, lockable wheels and a bracket for the cable on the side.

Primado Sterilization Cassettes

**PD-SC-CS**
- Sterilization Cassette
- Dimensions: W205 x D203 x H126 (mm)
- Tray is not included

**PD-SC-CM**
- Sterilization Cassette
- Dimensions: W205 x D203 x H147 (mm)
- Tray is not included

**PD-SC-TA**
- Sterilization Tray
- Dimensions: W205 x D203 x H145 (mm)
- For Primado Handpieces x 7 pcs.

**PD-SC-TB**
- Sterilization Tray
- Dimensions: W205 x D203 x H145 (mm)
- For Perforator / Drill / Craniotome
- For Primado Bone Saw Handpieces x 3 pcs., Perforator Handpiece x 1 pc., Craniotome Handpiece x 1 pc., Small Box For Curingharts, Burs & Sticks

**PD-SC-TW**
- Sterilization Tray
- Dimensions: W205 x D203 x H145 (mm)
- For Primado Wire Pin Driver x 1 pc., Primado Wire Collet x 1 pc., Primado Pin Collet x 1 pc.

**PD-SC-TH**
- Sterilization Tray
- Dimensions: W205 x D203 x H145 (mm)
- For Primado Micromotors x 2 pcs., Primado Motor Cords x 1 pc.
- For Drill Handpiece x 3 pcs.

**PD-SC-TD**
- Sterilization Tray
- Dimensions: W205 x D203 x H145 (mm)
- For Drill Attachments x 3 pcs., Saw Attachments x 2 pcs., Key x 2 pcs.

**PD-SC-TR**
- Sterilization Tray
- Dimensions: W205 x D203 x H145 (mm)
- For Reamer Attachments x 4 pcs., Drill Attachment x 1 pc.

**PD-SC-TF**
- Sterilization Tray
- Dimensions: W205 x D203 x H145 (mm)
- For Drill Attachments x 3 pcs., Saw Attachments x 2 pcs., Key x 2 pcs.

PANA SPRAY Plus
PANA SPRAY Plus is a specially formulated, highly effective general handpiece lubricant. Frequent application of PANA SPRAY Plus will assure handpiece performance and durability. Apply PANA SPRAY Plus immediately after each operation.

Spray Mist Absorber
A convenient way to avoid mist spray from escaping into the environment. Simply insert the handpiece into the Absorber Pack then apply the spray lubricant.
**Diamond Burs**

- ø1.0 mm for Slim Handpieces & Super Slim Handpieces
- ø2.35 mm for Standard Handpieces

**Diamond Burs**

- PD-A135 Long
- PD-A155-10 Extra Long
- PD-A175-10 Super Long
- PD-A155 Long
- PD-A155 Extra Long

**Neuro Diamond Burs**

- PD-2AES Long
- PD-2A155-10 Extra Long
- PD-2A175-10 Super Long
- PD-A155 Extra Long

**Round Fluted Burs**

- PD-2AES Long
- PD-2A155-10 Extra Long
- PD-2A175-10 Super Long

**Coarse Diamond Burs**

- PD-RA135 Long
- PD-RA155 Long
- PD-RA175-10 Extra Long

**Coarse Diamond Burs**

- PD-RA135 Long
- PD-RA155 Long
- PD-RA175-10 Extra Long

**Neuro Coarse Diamond Burs**

- PD-2AES Long
- PD-2A155-10 Extra Long
- PD-2A175-10 Super Long

**Extra Coarse Diamond Burs**

- PD-2AES Long
- PD-2A155-10 Extra Long
- PD-2A175-10 Super Long

**Diamond Burs**

- PD-RA135 Long
- PD-RA155 Long
- PD-RA175-10 Extra Long

**Extra Coarse Diamond Burs**

- PD-2AES Long
- PD-2A155-10 Extra Long
- PD-2A175-10 Super Long
**ROTARY INSTRUMENTS**

**Ø1.0 mm for Slim Handpieces & Super Slim Handpieces**

- **Diamond Burs**
  - Ø1.0 mm
  - For PD-1A135
  - Long: PDS-1D135
  - Extra Long: PDS-1D155
  - Super Long: PDS-1D175

- **Neuro Diamond Burs**
  - Ø1.0 mm
  - For PD-1A135
  - Long: PDS-1NCD135
  - Extra Long: PDS-1NCD155
  - Super Long: PDS-1NCD175

- **Coarse Diamond Burs**
  - Ø1.0 mm
  - For PD-1A135
  - Extra Short: PDS-1ECDES
  - Short: PDS-1EDS
  - Medium: PDS-1EMS
  - Long: PDS-1EDL

- **Extra Coarse Diamond Burs**
  - Ø1.0 mm
  - For PD-1A135
  - Extra Short: PDS-1ECDES
  - Short: PDS-1EDS
  - Medium: PDS-1EMS
  - Long: PDS-1EDL

**ROTARY INSTRUMENTS**

**Ø2.35 mm for Standard Handpieces**

- **Diamond Burs**
  - Ø2.35 mm
  - For PD-1A155
  - Long: PDS-1D155
  - Extra Long: PDS-1D185
  - Super Long: PDS-1D195

- **Round Fluted Burs**
  - Ø2.35 mm
  - For PD-1A155
  - Long: PDS-1R155
  - Extra Long: PDS-1R165
  - Super Long: PDS-1R175

- **Coarse Diamond Burs**
  - Ø2.35 mm
  - For PD-1A155
  - Extra Short: PDS-1CDES
  - Short: PDS-1CD5
  - Medium: PDS-1CDS
  - Long: PDS-1CDL

- **Extra Coarse Diamond Burs**
  - Ø2.35 mm
  - For PD-1A155
  - Extra Short: PDS-1CDES
  - Short: PDS-1CD5
  - Medium: PDS-1CDS
  - Long: PDS-1CDL

---

**Diamond Burs**

- ØD mm
- Long: PDS-1D135
- Extra Long: PDS-1D155
- Super Long: PDS-1D175

**Neuro Diamond Burs**

- ØD mm
- Long: PDS-1NCD135
- Extra Long: PDS-1NCD155
- Super Long: PDS-1NCD175

**Coarse Diamond Burs**

- ØD mm
- Extra Short: PDS-1ECDES
- Short: PDS-1EDS
- Medium: PDS-1EMS
- Long: PDS-1EDL

**Extra Coarse Diamond Burs**

- ØD mm
- Extra Short: PDS-1ECDES
- Short: PDS-1EDS
- Medium: PDS-1EMS
- Long: PDS-1EDL

---

**Round Fluted Burs**

- ØD mm
- Long: PDS-1R155
- Extra Long: PDS-1R165
- Super Long: PDS-1R175

**Coarse Diamond Burs**

- ØD mm
- Extra Short: PDS-1CDES
- Short: PDS-1CD5
- Medium: PDS-1CDS
- Long: PDS-1CDL

**Extra Coarse Diamond Burs**

- ØD mm
- Extra Short: PDS-1CDES
- Short: PDS-1CD5
- Medium: PDS-1CDS
- Long: PDS-1CDL
ROTARY INSTRUMENTS

ø 2.35 mm for Standard Handpieces

**Fissure Burs**
- **Extra Short**
  - øD mm: 1.2, 1.5
  - Length: PDS-2FS-12, PDS-2FS-15
- **Short**
  - øD mm: 2.1
  - Length: PDS-2FS-21

**Wirepass Drills**
- **Extra Short**
  - øD mm: 1.8, 3.0
  - L x D: PDS-2WS-10, PDS-2WS-15
- **Long**
  - øD mm: 4.0
  - L x D: PDS-2WS-60

**Acorn Burs**
- **Extra Short**
  - øD mm: 1.2
  - Length: PDS-2AES-12
- **Medium**
  - øD mm: 1.5
  - Length: PDS-2AES-15
- **Long**
  - øD mm: 2.0
  - Length: PDS-2AES-20

**Egg Burs**
- **Extra Short**
  - øD mm: 1.0
  - Length: PDS-2ES-10
- **Medium**
  - øD mm: 1.5
  - Length: PDS-2ES-15
- **Long**
  - øD mm: 2.0
  - Length: PDS-2ES-20

**Barrel Burs**
- **Extra Short**
  - øD mm: 1.8
  - Length: PDS-2BS-18
- **Medium**
  - øD mm: 3.0
  - Length: PDS-2BS-30
- **Long**
  - øD mm: 4.0
  - Length: PDS-2BS-60

**Neuro Burs**
- **Extra Short**
  - øD mm: 1.8, 3.0
  - Length: PDS-2NS-18, PDS-2NS-30
- **Medium**
  - øD mm: 1.0
  - Length: PDS-2NM-10
- **Long**
  - øD mm: 2.0
  - Length: PDS-2NL-20

**Lindemann Burs**
- **Extra Short**
  - øD mm: 4.06, 6.0
  - Length: PDS-2BS-40, PDS-2BS-60
- **Medium**
  - øD mm: 4.06, 6.0
  - Length: PDS-2BES-40, PDS-2BES-60
- **Long**
  - øD mm: 4.06, 6.0
  - Length: PDS-2BES-40, PDS-2BES-60

**Twist Drill Flat Tail**
- **Short**
  - øD mm: 2.35
  - For PD-2AS, PD-2SS
- **Extra Short**
  - øD mm: 2.35
  - For PD-2AES, PD-2SES
- **Medium**
  - øD mm: 2.35
  - For PD-2AM, PD-2SM
- **Long**
  - øD mm: 2.35
  - For PD-2AL

**Sterile Products**

Primado
**ROTARY INSTRUMENTS**

**φ 2.35mm for Standard Handpieces**

- **Fissure Burs**
- **Neuro Burs**
- **Egg Burs**
- **Pear Burs**
- **Acorn Burs**
- **Lindemann Burs**
- **Wirepass Drills**
- **Barrel Burs**

**φ 2.35mm for Drill Handpieces**

- **Twist Drill Flat Tail**

---

Sterile Products
### ROTARY INSTRUMENTS

**ø 3.17 mm for High Speed Handpieces**

#### Diamond Burs

<table>
<thead>
<tr>
<th>D (mm)</th>
<th>Short</th>
<th>Medium</th>
<th>Long</th>
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<td>2.0</td>
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#### Round Fluted Burs

<table>
<thead>
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<th>D (mm)</th>
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<tbody>
<tr>
<td>1.0</td>
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<td>7.0</td>
<td>PDS-3CS-70</td>
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#### Coarse Diamond Burs

<table>
<thead>
<tr>
<th>D (mm)</th>
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<tr>
<td>1.0</td>
<td>PDS-3CS-10</td>
<td>PDS-3CM-10</td>
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#### Acorn Burs

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#### Neuro Burs

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<td>PDS-3NS-30</td>
<td>PDS-3NM-30</td>
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#### Cylinder Burs

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<td>0.8</td>
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<td>PDS-3BM-60</td>
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<td>2.0</td>
<td>PDS-3BM-91</td>
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#### Craniotome Handpiece Burs

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<th>D (mm)</th>
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<td>2.1</td>
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---

Sterile Products

PD-3GAS

Short

PD-3GAM

Medium

PD-3GAL

Long

PD-CRA-P

Pediatric

PD-CRA-M

Medium

PD-CRA-L

Long

Sterile Products

Primado  . 33
ROTARY INSTRUMENTS

ø3.17 mm for High Speed Handpieces

Diamond Burs

<table>
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<th>Head Diameter (mm)</th>
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<td>7.0</td>
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Round Fluted Burs

<table>
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<tr>
<th>Head Diameter (mm)</th>
<th>Short</th>
<th>Medium</th>
<th>Long</th>
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<tbody>
<tr>
<td>1.0</td>
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<td>PDS-3CM-10</td>
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<td>2.0</td>
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<td>3.0</td>
<td>PDS-3CS-30</td>
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<td>4.0</td>
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<td>PDS-3CM-60</td>
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<td>7.0</td>
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Coarse Diamond Burs

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<th>Long</th>
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<tbody>
<tr>
<td>1.8</td>
<td>PDS-3CDS-10</td>
<td>PDS-3CDM-10</td>
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<td>3.0</td>
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<td>7.0</td>
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Acorn Burs

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<th>Head Diameter (mm)</th>
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<th>Long</th>
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<tbody>
<tr>
<td>1.0</td>
<td>PDS-3AS-10</td>
<td>PDS-3AM-10</td>
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<td>2.0</td>
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<td>PDS-3AM-20</td>
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<tr>
<td>3.0</td>
<td>PDS-3AS-30</td>
<td>PDS-3AM-30</td>
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<td>4.0</td>
<td>PDS-3AS-40</td>
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<tr>
<td>5.0</td>
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<td>6.0</td>
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Neuro Burs

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Cylinder Burs

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<tr>
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<th>Short</th>
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</thead>
<tbody>
<tr>
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<td>PDS-3BS-18</td>
<td>PDS-3BMS-18</td>
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<td>2.0</td>
<td>PDS-3BS-30</td>
<td>PDS-3BMS-30</td>
<td>—</td>
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<td>3.0</td>
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<td>PDS-3BMS-50</td>
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Craniotome Handpiece Burs

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<td>PDS-CRA-M</td>
<td>PDS-CRA-L</td>
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<td>PDS-CRA-L</td>
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<td>PDS-CRA-P</td>
<td>PDS-CRA-M</td>
<td>PDS-CRA-L</td>
</tr>
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<td>6.0</td>
<td>PDS-CRA-P</td>
<td>PDS-CRA-M</td>
<td>PDS-CRA-L</td>
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</tbody>
</table>

Sterile Products
SAW BLADES
for Sagittal Saw & Oscillating Saw Handpieces, Sagittal Saw Attachment

Sagittal and Oscillating Saw Blades

**PDS-SO-411**
Extra Short / Narrow
- Depth: 11.5 mm
- Width: 5.5 mm
- Thickness: 0.4 mm

**PDS-SO-412**
Extra Short / Medium
- Depth: 11.5 mm
- Width: 5.0 mm
- Thickness: 0.4 mm

**PDS-SO-422**
Short / Medium
- Depth: 15.0 mm
- Width: 7.5 mm
- Thickness: 0.4 mm

**PDS-SO-431**
Medium / Narrow
- Depth: 18.0 mm
- Width: 5.0 mm
- Thickness: 0.4 mm

**PDS-SO-432**
Medium / Medium
- Depth: 18.0 mm
- Width: 9.0 mm
- Thickness: 0.4 mm

**PDS-SO-433**
Medium / Wide
- Depth: 18.5 mm
- Width: 16.5 mm
- Thickness: 0.4 mm

**PDS-SO-441**
Long / Narrow
- Depth: 25.0 mm
- Width: 5.5 mm
- Thickness: 0.4 mm

**PDS-SO-442**
Long / Medium
- Depth: 20.0 mm
- Width: 9.3 mm
- Thickness: 0.4 mm

**PDS-SO-452**
Extra Long / Medium
- Depth: 30.0 mm
- Width: 9.3 mm
- Thickness: 0.4 mm

**PDS-SO-453**
Extra Long / Wide
- Depth: 39.0 mm
- Width: 13.2 mm
- Thickness: 0.4 mm

**PDS-SO-411**
Extra Short / Narrow
- Depth: 11.5 mm
- Width: 5.5 mm
- Thickness: 0.4 mm

**PDS-SO-412**
Extra Short / Medium
- Depth: 11.5 mm
- Width: 5.0 mm
- Thickness: 0.4 mm

**PDS-SO-422**
Short / Medium
- Depth: 15.0 mm
- Width: 7.5 mm
- Thickness: 0.4 mm

**PDS-SO-431**
Medium / Narrow
- Depth: 18.0 mm
- Width: 5.0 mm
- Thickness: 0.4 mm

**PDS-SO-432**
Medium / Medium
- Depth: 18.0 mm
- Width: 9.0 mm
- Thickness: 0.4 mm

**PDS-SO-433**
Medium / Wide
- Depth: 18.5 mm
- Width: 16.5 mm
- Thickness: 0.4 mm

**PDS-SO-441**
Long / Narrow
- Depth: 25.0 mm
- Width: 5.5 mm
- Thickness: 0.4 mm

**PDS-SO-442**
Long / Medium
- Depth: 20.0 mm
- Width: 9.3 mm
- Thickness: 0.4 mm

**PDS-SO-452**
Extra Long / Medium
- Depth: 30.0 mm
- Width: 9.3 mm
- Thickness: 0.4 mm

**PDS-SO-453**
Extra Long / Wide
- Depth: 39.0 mm
- Width: 13.2 mm
- Thickness: 0.4 mm

**PD-OSC-A**
Adaptor
- For Oscillating Intra Oral Blades

**PDS-OSC-422**
Short
- Depth: 7.0 mm
- Width: 11.5 mm
- Thickness: 0.4 mm

**PDS-OSC-432**
Medium
- Depth: 12.0 mm
- Width: 11.5 mm
- Thickness: 0.4 mm

**PDS-OSC-632**
Medium / Medium
- Depth: 18.0 mm
- Width: 9.0 mm
- Thickness: 0.6 mm

**PDS-OSC-642**
Long / Medium
- Depth: 25.0 mm
- Width: 9.3 mm
- Thickness: 0.6 mm

**PDS-OSC-653**
Extra Long / Wide
- Depth: 39.0 mm
- Width: 13.2 mm
- Thickness: 0.6 mm

**PDS-OSC-A**
Adaptor
- For Oscillating Intra Oral Blades

Oscillating Saw Blades (for Intra Oral)
### SAW BLADES for Sagittal Saw & Oscillating Saw Handpieces, Sagittal Saw Attachment

#### Sagittal and Oscillating Saw Blades

<table>
<thead>
<tr>
<th>Blade Code</th>
<th>Description</th>
<th>Depth</th>
<th>Width</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>PDS-SO-411</td>
<td>Extra Short / Narrow</td>
<td>11.5 mm</td>
<td>9.5 mm</td>
<td>0.4 mm</td>
</tr>
<tr>
<td>PDS-SO-412</td>
<td>Extra Short / Medium</td>
<td>15.0 mm</td>
<td>9.5 mm</td>
<td>0.4 mm</td>
</tr>
<tr>
<td>PDS-SO-422</td>
<td>Short / Medium</td>
<td>15.0 mm</td>
<td>9.0 mm</td>
<td>0.4 mm</td>
</tr>
<tr>
<td>PDS-SO-431</td>
<td>Medium / Narrow</td>
<td>15.0 mm</td>
<td>9.0 mm</td>
<td>0.4 mm</td>
</tr>
<tr>
<td>PDS-SO-432</td>
<td>Medium / Medium</td>
<td>15.0 mm</td>
<td>9.0 mm</td>
<td>0.4 mm</td>
</tr>
<tr>
<td>PDS-SO-433</td>
<td>Medium / Wide</td>
<td>16.5 mm</td>
<td>16.5 mm</td>
<td>0.4 mm</td>
</tr>
<tr>
<td>PDS-SO-441</td>
<td>Long / Narrow</td>
<td>25.0 mm</td>
<td>11.5 mm</td>
<td>0.4 mm</td>
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<tr>
<td>PDS-SO-442</td>
<td>Long / Medium</td>
<td>25.0 mm</td>
<td>9.5 mm</td>
<td>0.4 mm</td>
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#### Oscillating Saw Blades (for Intra Oral)

<table>
<thead>
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<th>Description</th>
<th>Depth</th>
<th>Width</th>
<th>Thickness</th>
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<td>11.5 mm</td>
<td>0.4 mm</td>
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<td>Medium</td>
<td>12.0 mm</td>
<td>9.0 mm</td>
<td>0.6 mm</td>
</tr>
<tr>
<td>PD-OSC-A</td>
<td>Adaptor</td>
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</tr>
</tbody>
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### Sterile Products

- SAW BLADES
- for Sagittal Saw & Oscillating Saw Handpieces, Sagittal Saw Attachment
- Oscillating Saw Blades (for Intra Oral)

Sterile Products
SAW BLADES & RASPS
for Reciprocating Saw Handpiece, Reciprocating Saw Attachment

Reciprocating Saw Blades

- PDS-RE-4023
  - Blade Length: 23.4 mm
  - Thickness: 0.38 mm

- PDS-RE-4223
  - Blade Length: 23.0 mm
  - Thickness: 0.4 mm

- PDS-RE-4114
  - Blade Length: 14.5 mm
  - Thickness: 0.4 mm

- PDS-RE-4217
  - Blade Length: 17.5 mm
  - Thickness: 0.4 mm

- PDS-RE-4127
  - Blade Length: 27.0 mm
  - Thickness: 0.4 mm

- PDS-RE-6127
  - Blade Length: 27.0 mm
  - Thickness: 0.6 mm

Reciprocating Rasp

- PDS-RE-R011
  - Blade Length: 11.0 mm
  - Thickness: 5.5 mm

- PDS-RE-R012
  - Blade Length: 13.0 mm
  - Thickness: 7.0 mm

- PDS-RE-R111
  - Blade Length: 11.0 mm
  - Thickness: 5.3 mm

- PDS-RE-R112
  - Blade Length: 13.0 mm
  - Thickness: 7.0 mm
SAW BLADES for Reciprocating Saw Handpiece, Reciprocating Saw Attachment

Reciprocating Saw Blades

- **PDS-RE-4023**
  - Blade Length: 23.4 mm
  - Thickness: 0.38 mm

- **PDS-RE-4028**
  - Blade Length: 28.0 mm
  - Thickness: 0.38 mm

- **PDS-RE-4127**
  - Blade Length: 27.0 mm
  - Thickness: 0.4 mm

- **PDS-RE-4223**
  - Blade Length: 23.0 mm
  - Thickness: 0.4 mm

SAW BLADES & RASPS for Reciprocating Saw Handpiece, Reciprocating Saw Attachment

Reciprocating Saw Blades

- **PDS-RE-4023**
  - Blade Length: 23.4 mm
  - Thickness: 0.38 mm

- **PDS-RE-4028**
  - Blade Length: 23.4 mm
  - Thickness: 0.38 mm

- **PDS-RE-4127**
  - Blade Length: 27.0 mm
  - Thickness: 0.4 mm

- **PDS-RE-4223**
  - Blade Length: 23.0 mm
  - Thickness: 0.4 mm

Reciprocating Rasps

- **PDS-RE-6127**
  - Blade Length: 27.0 mm
  - Thickness: 0.6 mm

- **PDS-RE-R011**
  - Blade Length: 11.0 mm
  - Thickness: 5.5 mm

- **PDS-RE-R012**
  - Blade Length: 13.0 mm
  - Thickness: 7.0 mm

- **PDS-RE-R111**
  - Blade Length: 11.0 mm
  - Thickness: 5.3 mm

- **PDS-RE-R112**
  - Blade Length: 13.0 mm
  - Thickness: 7.0 mm