SURGICAL BURS & HANDPIECES

Surgical Burs

Micro Torque Micro Motor

MERCIAN
Surgical Instruments of Excellence
www.merciansurgical.com
ORAL SURGERY BURS

Toller Round Head Bur
- Tungsten Carbide with blood ring
- ISO standard 2.35mm Ø shaft

<table>
<thead>
<tr>
<th>Head size</th>
<th>Code No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.3mm</td>
<td>SB0144-23</td>
</tr>
<tr>
<td>2.3mm</td>
<td>SB0170-23</td>
</tr>
</tbody>
</table>

Sterile Packed in boxes of 10

Round Head Bur
- Tungsten Carbide
- ISO standard 2.35mm Ø shaft

<table>
<thead>
<tr>
<th>Head size</th>
<th>Code No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0mm</td>
<td>SB1244-10</td>
</tr>
<tr>
<td>1.2mm</td>
<td>SB1244-12</td>
</tr>
<tr>
<td>1.4mm</td>
<td>SB1244-14</td>
</tr>
<tr>
<td>1.6mm</td>
<td>SB1244-16</td>
</tr>
<tr>
<td>1.8mm</td>
<td>SB1244-18</td>
</tr>
<tr>
<td>2.1mm</td>
<td>SB1244-21</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Head size</th>
<th>Code No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.3mm</td>
<td>SB1244-23</td>
</tr>
<tr>
<td>2.7mm</td>
<td>SB1244-27</td>
</tr>
<tr>
<td>3.1mm</td>
<td>SB0244-31*</td>
</tr>
<tr>
<td>4.0mm</td>
<td>SB0244-40*</td>
</tr>
<tr>
<td>5.0mm</td>
<td>SB0244-50*</td>
</tr>
<tr>
<td>6.0mm</td>
<td>SB0244-60*</td>
</tr>
</tbody>
</table>

*Only available in Stainless Steel

Sterile Packed in boxes of 10
### ORAL SURGERY BURS

#### Toller Tapered Fissure Bur
- Tungsten Carbide cross cut with Blood Ring

<table>
<thead>
<tr>
<th>Length</th>
<th>Head size</th>
<th>Code No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>50mm</td>
<td>1.6mm</td>
<td>SB0144-16</td>
</tr>
<tr>
<td>70mm</td>
<td>1.6mm</td>
<td>SB0170-16</td>
</tr>
</tbody>
</table>

Sterile Packed in boxes of 10

#### Tapered Fissure Bur
- Tungsten Carbide
- 50mm length
- Cross cut

<table>
<thead>
<tr>
<th>Length</th>
<th>Head size</th>
<th>Code No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>50mm</td>
<td>1.6mm</td>
<td>SB0450-16</td>
</tr>
</tbody>
</table>

Sterile Packed in boxes of 10

#### Flat Fissure Bur
- Stainless steel
- 44mm length
- Cross cut
- ISO standard 2.35mm Ø shaft

<table>
<thead>
<tr>
<th>Length</th>
<th>Head size</th>
<th>Code No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>50mm</td>
<td>1.6mm</td>
<td>SB0344-10</td>
</tr>
<tr>
<td>70mm</td>
<td>1.6mm</td>
<td>SB0344-16</td>
</tr>
</tbody>
</table>

*Only available in Stainless Steel*

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**ORAL SURGERY BURS**

**MERCIAN**

Surgical Instruments of Excellence
### Micro Head Apicectomy Bur
- Plain cut
- 10mm length
- Stainless steel

<table>
<thead>
<tr>
<th>Head size</th>
<th>Code No.</th>
<th>Sterile Packed in boxes of 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0mm</td>
<td>SB0110-10</td>
<td></td>
</tr>
<tr>
<td>0.6mm</td>
<td>SB0110-06</td>
<td></td>
</tr>
</tbody>
</table>

### Micro Head Contra-Angled Handpiece
- 1:1 Transmission
- For micro head Apicectomy burs
- Max speed 40,000RPM
- Intra Lux micro head

<table>
<thead>
<tr>
<th>Code No.</th>
<th>Sterile Packed in boxes of 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>22LA-549-3640</td>
<td>Micro head only</td>
</tr>
<tr>
<td>3620N-534-5650</td>
<td>Handpiece shank only</td>
</tr>
</tbody>
</table>

### Apicectomy Bur
- 44mm length
- Stainless steel

<table>
<thead>
<tr>
<th>Head size</th>
<th>Code No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.8mm</td>
<td>SB0144-08</td>
</tr>
</tbody>
</table>

Sterile Packed in boxes of 10

### Round Head Latch Bur
- Fitting contra-angled handpieces
- 22mm length
- Stainless steel

<table>
<thead>
<tr>
<th>Head size</th>
<th>Code No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.6mm</td>
<td>SB0222-06</td>
</tr>
<tr>
<td>0.8mm</td>
<td>SB0222-08</td>
</tr>
<tr>
<td>1.0mm</td>
<td>SB0222-10</td>
</tr>
<tr>
<td>1.2mm</td>
<td>SB0222-12</td>
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<tr>
<td>1.4mm</td>
<td>SB0222-14</td>
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<tr>
<td>1.6mm</td>
<td>SB0222-16</td>
</tr>
<tr>
<td>1.8mm</td>
<td>SB0222-18</td>
</tr>
<tr>
<td>2.1mm</td>
<td>SB0222-21</td>
</tr>
<tr>
<td>2.3mm</td>
<td>SB0222-23</td>
</tr>
<tr>
<td>2.7mm</td>
<td>SB0222-27</td>
</tr>
</tbody>
</table>

Sterile Packed in boxes of 10
TRIMMER BURS

Bud Bur
- Cross cut

<table>
<thead>
<tr>
<th>Head size</th>
<th>5mm</th>
<th>6mm</th>
<th>7mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>50mm length Code No.</td>
<td>SB0544-50</td>
<td>SB0544-60</td>
<td>-</td>
</tr>
<tr>
<td>70mm length Code No.</td>
<td>SB0570-50</td>
<td>SB0570-60</td>
<td>SB0570-70</td>
</tr>
</tbody>
</table>

50mm Sterile Packed in boxes of 10
70mm Sterile Packed in boxes of 5

Cylinder Bur
- Cross cut

<table>
<thead>
<tr>
<th>Head size</th>
<th>5mm</th>
<th>5.5mm</th>
<th>6mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>50mm length Code No.</td>
<td>SB0644-50</td>
<td>SB0644-55</td>
<td>SB0644-60</td>
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</tbody>
</table>

50mm Sterile Packed in boxes of 10

Pear Bur
- Cross cut

<table>
<thead>
<tr>
<th>Head size</th>
<th>5mm</th>
<th>6mm</th>
<th>7mm</th>
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</thead>
<tbody>
<tr>
<td>50mm length Code No.</td>
<td>SB0744-50</td>
<td>SB0744-60</td>
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</tr>
<tr>
<td>70mm length Code No.</td>
<td>-</td>
<td>-</td>
<td>SB0770-70</td>
</tr>
</tbody>
</table>

50mm Sterile Packed in boxes of 10
70mm Sterile Packed in boxes of 5
**ORAL SURGERY TWIST DRILLS**

![Diagram of ORAL SURGERY TWIST DRILLS]

Sterile Packed in boxes of 5

<table>
<thead>
<tr>
<th>Code No.</th>
<th>Diameter Ø</th>
<th>Usable length</th>
<th>Total length</th>
</tr>
</thead>
<tbody>
<tr>
<td>TD3006-08</td>
<td>0.8mm</td>
<td>6mm</td>
<td>0.8mm</td>
</tr>
<tr>
<td>TD3005-10</td>
<td>1.0mm</td>
<td>5mm</td>
<td>1.0mm</td>
</tr>
<tr>
<td>TD3010-10</td>
<td>1.0mm</td>
<td>10mm</td>
<td></td>
</tr>
<tr>
<td>TD3005-13</td>
<td>1.3mm</td>
<td>5mm</td>
<td>1.3mm</td>
</tr>
<tr>
<td>TD3008-13</td>
<td>1.3mm</td>
<td>8mm</td>
<td></td>
</tr>
<tr>
<td>TD3012-13</td>
<td>1.3mm</td>
<td>12mm</td>
<td></td>
</tr>
<tr>
<td>TD3005-15</td>
<td>1.5mm</td>
<td>5mm</td>
<td>1.5mm</td>
</tr>
<tr>
<td>TD3007-15</td>
<td>1.5mm</td>
<td>7mm</td>
<td></td>
</tr>
<tr>
<td>TD3010-15</td>
<td>1.5mm</td>
<td>10mm</td>
<td></td>
</tr>
<tr>
<td>TD3007-16</td>
<td>1.6mm</td>
<td>7mm</td>
<td>1.6mm</td>
</tr>
<tr>
<td>TD3009-16</td>
<td>1.6mm</td>
<td>9mm</td>
<td></td>
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</tbody>
</table>
LINDEMANN SIDE CUTTING BURS

Lindemann Side Cutting Burs

Sterile Packed in boxes of 5

Bone Trephines

Sterile Packed in boxes of 5
ENT BURS

ENT Rosen Cutting Bur
- 70mm length
- Stainless steel

![ENT Rosen Cutting Bur Image]

<table>
<thead>
<tr>
<th>Head size</th>
<th>Code No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.6mm</td>
<td>SB1170-06</td>
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<td>0.7mm</td>
<td>SB1170-07</td>
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<tr>
<td>0.8mm</td>
<td>SB1170-08</td>
</tr>
<tr>
<td>1mm</td>
<td>SB1170-10</td>
</tr>
<tr>
<td>1.4mm</td>
<td>SB1170-14</td>
</tr>
<tr>
<td>1.8mm</td>
<td>SB1170-18</td>
</tr>
<tr>
<td>2.3mm</td>
<td>SB1170-23</td>
</tr>
</tbody>
</table>

Sterile Packed in boxes of 5

ENT Diamond Polishing Bur
- 70mm length

![ENT Diamond Polishing Bur Image]

<table>
<thead>
<tr>
<th>Head size</th>
<th>Code No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.6mm</td>
<td>SB1470-06</td>
</tr>
<tr>
<td>0.7mm</td>
<td>SB1470-07</td>
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<td>0.8mm</td>
<td>SB1470-08</td>
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<tr>
<td>1mm</td>
<td>SB1470-10</td>
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<tr>
<td>1.4mm</td>
<td>SB1470-15</td>
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<tr>
<td>1.8mm</td>
<td>SB1470-18</td>
</tr>
<tr>
<td>2.3mm</td>
<td>SB1470-23</td>
</tr>
</tbody>
</table>

Sterile Packed in boxes of 5
ENT BURS

**ENT Allport Cutting Bur**
- 70mm length
- 6 blades

<table>
<thead>
<tr>
<th>Head size</th>
<th>Code No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4mm</td>
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<tr>
<td>4.5mm</td>
<td>SB1270-45</td>
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<tr>
<td>5mm</td>
<td>SB1270-50</td>
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<tr>
<td>6mm</td>
<td>SB1270-60</td>
</tr>
<tr>
<td>7mm</td>
<td>SB1270-70</td>
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</table>

Sterile Packed in boxes of 5

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PM2 80K BURS

**Cutting Bur**
Fitting PM2 Handpieces on page 11

<table>
<thead>
<tr>
<th>Head size</th>
<th>Code No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1mm</td>
<td>1100353-005, 1100446-001, 1100453-005</td>
</tr>
<tr>
<td>1.8mm</td>
<td>1100355-005, 1100447-001, 1100454-001</td>
</tr>
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<td>2.3mm</td>
<td>1100356-005, 1100448-001, 1100455-001</td>
</tr>
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<td>3.1mm</td>
<td>1100357-005, 1100449-001, 1100456-001</td>
</tr>
<tr>
<td>4mm</td>
<td>1100358-005, 1100450-001, 1100457-001</td>
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<tr>
<td>5mm</td>
<td>1100362-005, 1100451-001, 1100458-001</td>
</tr>
<tr>
<td>6mm</td>
<td>1100363-005, 1100452-001, 1100459-001</td>
</tr>
</tbody>
</table>

Adjustable length of bur. The bur can be extended to 3 different lengths.

70mm length Sterile Packed in boxes of 5
Other lengths single packed

These burs have been designed to be used with PM2 handpieces for high speed surgery. A triangular fitting prevents loss of drive during heavy surgery.
SURGICAL HANDPIECES

Straight Oral Surgery Handpiece PM RM1124
- 1:1 Transmission
- For 44mm + 50mm Burs
- Max speed 40,000RPM

Code No. PM RM1124

Spray Nozzle Code No. 231-14-03

Straight ENT Handpiece PM RM1122
- 1:1 Transmission
- For 70mm length Burs
- Max speed 40,000RPM

Code No. 1600206-001

Spray Nozzle Code No. 1500096-001

Straight ENT Handpiece PM RM1122
- 1:1 Transmission
- For 95mm length Burs
- Max speed 40,000RPM

Code No. 1600340-001

Spray Nozzle Code No. 1500097-001

Contra-Angled Handpiece CA1122
- 1:1 Transmission
- For Latch Burs
- Max speed 40,000RPM

Code No. 1600200-001

K-Wire Driver Handpiece
- 15:1 Transmission
- For wires 0.8mm to 1.6mm diameter
- Quick release lever for wires
- E Type as per ISO 3964
- Max speed 15,000RPM

Code No. 1600718-001
Angled ENT Handpiece PM AM1122
- 1:1 Transmission
- For 70mm length Burs
- Max speed 40,000RPM

Code No. 1600207-001

Spray Nozzle Code No. 1500096-001

Angled ENT Handpiece PM AM1122
- 1:1 Transmission
- For 95mm length Burs
- Max speed 40,000RPM

Code No. 1600336-001

Spray Nozzle Code No. 1500097-001

Angled ENT Handpiece PM AM1221
- 2x Speed Multiplier
- For 70mm length Burs
- Max speed 80,000RPM

Code No. 1600295-001

Spray Nozzle Code No. 1500096-001

Angled ENT Handpiece PM AM1221
- 2x Speed Multiplier
- For 95mm length Burs
- Max speed 80,000RPM

Code No. 1600338-001

Spray Nozzle Code No. 1500097-001

Fisch PM Micro Handpiece
- 1:1 Transmission
- For 70mm length Burs
- Max speed 40,000RPM

Code No. 1600470-001

Spray Nozzle Code No. 1501131-001
PM2 HIGH SPEED HANDPIECES

Straight Heavy Duty Handpiece PM2 S70 HD
- Max speed 80,000RPM
- Fitting the Basch 1 and Nano micro motor
- Irrigation internal
- Fits 70mm Burs

Code No. 1600831-001

Angled Heavy Duty Handpiece PM2 A70 HD
- Max speed 80,000RPM
- Fitting the Basch 1 and Nano micro motor
- Irrigation internal
- Fits 70mm Burs

Code No. 1600830-001

Straight Handpiece PM2 S70 - 80mm overall length
- Max speed 80,000RPM
- Fitting the Basch 1 and Nano micro motor
- Irrigation external
- Fits 70mm Burs

Code No. 1600767-001

Angled Handpiece PM2 A70 - 80mm overall length
- Max speed 80,000RPM
- 20mm working length
- Fitting the Basch 1 and Nano micro motor
- Fits 95mm Burs

Code No. 1600765-001

Angled Handpiece PM2 A95 - 100mm overall length
- Max speed 80,000RPM
- 50mm working length
- Fitting the Basch 1 and Nano micro motor
- Fits 125mm Burs

Code No. 1600768-001

Angled Handpiece PM2 A125 - 140mm total length
- Max speed 80,000RPM
- 75mm working length
- Fitting the Basch 1 and Nano micro motor
- Fits 150mm Burs

Code No. 1600769-001
MICRO MOTORS

Basch Micro Motor with Cable
- Speed from 500 to 40,000 RPM
- Brushless design allows sterilization in an autoclave
- High torque micro motor 40 Ncm
- Intra fitting for handpieces
- Weight 115 grams

Code No. MT5012-00

Basch 1 Micro Motor with Cable
- Speed from 500/600 to 40,000 RPM
- Brushless design allows sterilization in an autoclave
- High torque micro motor 40 Ncm
- Quick lock fitting PM2 high speed handpieces only

Code No. MT5012-05

Nano High Speed Micro Motor with Cable
- Speed up to 80,000 RPM
- DC brushless and sensorless motor allows autoclaving
- Lightweight 80 grams
- Torque 15 Ncm
- Quick lock fitting PM2 high speed handpieces only

Code No. MT5012-10
MICRO SAW HANDPIECES

Reciprocating Micro Saw
- Max speed 15,000RPM
- Blade thickness 0.25mm

Sterile Packed Blades in boxes of 12

Osseoscalpel Micro Saw
- Ideal for use on cranial bone
- Max. speed 20,000RPM
- Blade thickness 0.35mm

Sterile Packed Blades in boxes of 12
MICRO SAW HANDBIVES

Sagittal Micro Saw
- Max speed 20,000RPM
- Blade thickness 0.35mm

Sterile Packed Blades in boxes of 12

Oscillating Micro Saw
- Max speed 15,000RPM
- Blade thickness 0.3mm

Blades available with either 27mm short shaft or 42mm long shaft

Sterile Packed Blades in boxes of 5

Saw Blades with Short Shaft 27mm length Code No.
- 68.24.24
- 68.24.25
- 68.24.26
Saw Blades with Long Shaft 42mm length Code No.
- 68.24.27
- 68.24.28
- 68.24.29

Tel: +44 (0) 844 879 1133  Fax: +44 (0) 844 879 1155  Email: info@merciansurgical.com
MICRO TORQUE DRILL SYSTEM

The MT5000 Micro Torque Surgical Drill System is equipped with the most up to date and powerful micro motor which delivers high levels of precision and torque.

The range of straight and angled Handpieces available allows a wide range of Surgery in Maxillo-Facial, E.N.T. and Craniofacial Surgery with both Bur and Micro Saw Handpieces available.

The precisely controlled Irrigation System results in the cutting tool continually irrigated to the Surgeons requirements.

- Micro processor controlled
- Autoclavable high torque micro motor
- Irrigation system
- Digital display
- Programmable settings
- Full handpiece range

Programmable Micro Motor speed up to 40,000RPM

Forward & Reverse
MICRO TORQUE DRILL SYSTEM

Electronic Console with Irrigation Pump
- Micro processor controlled
- Irrigation flow levels
- Forward & reverse direction
- 3 preset programmes

Code No. MT5010-00

Side view of Micro Motor showing Irrigation Pump
- Precise flow rates from 5ml up to 100ml litres per minute

Multifunction Footswitch Control
- Switches irrigation on & off
- Changes direction of Micro Motor forward & reverse
- Control of Micro Motor speed

Code No. MT5011-00

Mobile Stand
- Drawer to hold accessories
- Mobile platform for system

Code No. MT5017-00

Tel: +44 (0) 844 879 1133  Fax: +44 (0) 844 879 1155  Email: info@merciansurgical.com
MICRO TORQUE DRILL SYSTEM

49.97.02/51
Wire Sterilising Basket for Motor Cable with Holding Pins

Basch Micro Motor & Cable Set
Basch Micro Motor only
Basch Cable only

MT5012-00
MT5013-00
MT5014-00

243.34.21.10
Sterile Irrigation Tubing (box of 10 units)

92.00.40
Sterile Irrigation Spike/Mandrel (box of 50)

MT5016-00
Clips
For fixing disposable irrigation tubing (pack of 10)

1600064-006
Lubrifluid Spray for Handpieces
500ml Can (box of 6 cans)

MT5015-00
Support device for Irrigation Bag
BIPOLAR INSTRUMENTS

Bipolar Coagulation Unit
BM780 MK II
- 70 Watts
- Foot Switch Control

36-00-80-01

Bipolar Forceps
- 12.5cm/5" length
- 1mm tips

700-600-011S

Bipolar Forceps
- 15cm/6" length
- 1.5mm tips

700-600-039S

Bipolar Cables
- 4.5m cable length

37-01-38L
- Fitting BM780 machines
- Fitting forceps with block end

37-01-35L
- Two pin Banana Plug fitting Valleylab machines
- Fitting forceps with block end