Straumann® Single-patient instruments
Surgical User Guide
## Contents

1. Step by step with the surgical user guide  
   - Page 3
2. How to use the surgical user guide with single-patient instruments  
   - Page 4  
3. Overview of single-patient instrument range  
   - Page 5  
4. Select the implant type  
   - Page 8  
5. Straumann® PURE Ceramic Implant Monotype Line  
   - Page 9  
   - Page 18  
7. Straumann® Standard Implant Line  
   - Page 44  
8. Straumann® Tapered Effect Implant Line  
   - Page 65  
9. Straumann® Bone Level Implant Line  
   - Page 77  
10. Straumann® Bone Level Tapered Implant Line  
    - Page 90
1. Step by step with the surgical user guide

A print-out surgical protocol to use with single-patient drills.

**Step 1** - Download the surgical user guide on the eIFU website: ifu.straumann.com

**Step 2** - Select the implant type you plan to place. Print out the page.

**Step 3** - Order the relevant single-patient instruments from the section Overview of single-patient instruments

**Step 4** - Bring the print out into surgery. Place the drills on to the print out to visualize the workflow.
2. How to use the surgical user guide with single-patient instruments

1. Select the implant type

2. Print out this page to prepare for surgery

Picture shows the drills at their implant preparation depth and their corresponding drill depth markings.

Real size picture of single-patient drills. Place the actual product on the print-out paper to prepare for the surgery.

Some implants have optional drilling steps depending on bone class.

Some instruments are not provided for single-patient use (e.g. PURE position indicators, implant adapters, ratchet) and need to be reprocessed or disposed.

Numbers in the drill protocol above show the relevant instruments below.

Depending on bone class, a hollow number with a dotted line shows optional drills.

Solid numbers with a solid line show mandatory drills.

Drills come in different lengths. Each page recommends a drill length for the chosen implant type. Surgeons can choose another length depending on the patient situation. See section Overview of single-patient instruments.
# 3. Overview of single-patient instrument range

<table>
<thead>
<tr>
<th>Type</th>
<th>Art. No.</th>
<th>Description</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alignment Pin, single use</td>
<td>040.5785</td>
<td>Alignment Pin Set, single use</td>
<td>Ti</td>
</tr>
<tr>
<td>Round Bur, single use</td>
<td>044.7615</td>
<td>Round Bur, (\varnothing) 2.3 mm, single use</td>
<td>Stainless steel</td>
</tr>
<tr>
<td></td>
<td>044.7625</td>
<td>Round Bur, (\varnothing) 3.1 mm, single use</td>
<td>Stainless steel</td>
</tr>
<tr>
<td>Needle Drill, single use</td>
<td>027.00065</td>
<td>Needle Drill, short, (\varnothing) 1.6 mm, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>027.00075</td>
<td>Needle Drill, long, (\varnothing) 1.6 mm, single use</td>
<td>TAN</td>
</tr>
<tr>
<td>Drill Set (\varnothing) 3.3, single use</td>
<td>040.5715</td>
<td>Drill Set, short, for (\varnothing) 3.3 mm implants, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>040.5745</td>
<td>Drill Set, long, for (\varnothing) 3.3 mm implants, single use</td>
<td>TAN</td>
</tr>
<tr>
<td>Drill Set (\varnothing) 4.1, single use</td>
<td>040.5725</td>
<td>Drill Set, short, for (\varnothing) 4.1 mm implants, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>040.5755</td>
<td>Drill Set, long, for (\varnothing) 4.1 mm implants, single use</td>
<td>TAN</td>
</tr>
<tr>
<td>Drill Set (\varnothing) 4.8, single use</td>
<td>040.5735</td>
<td>Drill Set, short, for (\varnothing) 4.8 mm implants, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>040.5765</td>
<td>Drill Set, long, for (\varnothing) 4.8 mm implants, single use</td>
<td>TAN</td>
</tr>
<tr>
<td>BLT Drill Set (\varnothing) 3.3, single use</td>
<td>027.00005</td>
<td>BLT Drill Set, short, for (\varnothing) 3.3 mm implants, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>027.00035</td>
<td>BLT Drill Set, long, for (\varnothing) 3.3 mm implants, single use</td>
<td>TAN</td>
</tr>
<tr>
<td>BLT Drill Set (\varnothing) 4.1, single use</td>
<td>027.00015</td>
<td>BLT Drill Set, short, for (\varnothing) 4.1 mm implants, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>027.00045</td>
<td>BLT Drill Set, long, for (\varnothing) 4.1 mm implants, single use</td>
<td>TAN</td>
</tr>
<tr>
<td>BLT Drill Set (\varnothing) 4.8, single use</td>
<td>027.00025</td>
<td>BLT Drill Set, short, for (\varnothing) 4.8 mm implants, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>027.00055</td>
<td>BLT Drill Set, long, for (\varnothing) 4.8 mm implants, single use</td>
<td>TAN</td>
</tr>
<tr>
<td>Type</td>
<td>Art. No.</td>
<td>Description</td>
<td>Material</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>----------</td>
<td>------------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>SP Profile Drill, single use</td>
<td>044.742S</td>
<td>SP Profile Drill, short, Ø 3.3 mm, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>044.743S</td>
<td>SP Profile Drill, short, Ø 4.1 mm, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>044.744S</td>
<td>SP Profile Drill, short, Ø 4.8 mm, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>044.748S</td>
<td>SP Profile Drill, long, Ø 3.3 mm, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>044.749S</td>
<td>SP Profile Drill, long, Ø 4.1 mm, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>044.750S</td>
<td>SP Profile Drill, long, Ø 4.8 mm, single use</td>
<td>TAN</td>
</tr>
<tr>
<td>TE Profile Drill, single use</td>
<td>044.745S</td>
<td>TE Profile Drill, short, Ø 3.3 mm, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>044.746S</td>
<td>TE Profile Drill, short, Ø 4.1 mm, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>044.747S</td>
<td>TE Profile Drill, short, Ø 4.8 mm, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>044.751S</td>
<td>TE Profile Drill, long, Ø 3.3 mm, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>044.752S</td>
<td>TE Profile Drill, long, Ø 4.1 mm, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>044.753S</td>
<td>TE Profile Drill, long, Ø 4.8 mm, single use</td>
<td>TAN</td>
</tr>
<tr>
<td>BL Profile Drill, single use</td>
<td>026.0089S</td>
<td>BL Profile Drill, short, Ø 3.3 mm, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>026.0090S</td>
<td>BL Profile Drill, short, Ø 4.1 mm, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>026.0091S</td>
<td>BL Profile Drill, short, Ø 4.8 mm, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>026.0096S</td>
<td>BL Profile Drill, long, Ø 3.3 mm, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>026.0097S</td>
<td>BL Profile Drill, long, Ø 4.1 mm, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>026.0098S</td>
<td>BL Profile Drill, long, Ø 4.8 mm, single use</td>
<td>TAN</td>
</tr>
<tr>
<td>BLT Profile Drill, single use</td>
<td>026.0092S</td>
<td>BLT Profile Drill, short, Ø 2.9 mm, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>026.0093S</td>
<td>BLT Profile Drill, short, Ø 3.3 mm, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>026.0094S</td>
<td>BLT Profile Drill, short, Ø 4.1 mm, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>026.0095S</td>
<td>BLT Profile Drill, short, Ø 4.8 mm, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>026.0099S</td>
<td>BLT Profile Drill, long, Ø 2.9 mm, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>026.0100S</td>
<td>BLT Profile Drill, long, Ø 3.3 mm, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>026.0101S</td>
<td>BLT Profile Drill, long, Ø 4.1 mm, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>026.0102S</td>
<td>BLT Profile Drill, long, Ø 4.8 mm, single use</td>
<td>TAN</td>
</tr>
<tr>
<td>Type</td>
<td>Art. No.</td>
<td>Description</td>
<td>Material</td>
</tr>
<tr>
<td>------------------</td>
<td>----------</td>
<td>--------------------------------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>S/SP Tap, single use</td>
<td>044.7545</td>
<td>S/SP Tap, $\varnothing$ 3.3 mm, for adapter, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>044.7555</td>
<td>S/SP Tap, $\varnothing$ 4.1 mm, for adapter, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>044.7565</td>
<td>S/SP Tap, $\varnothing$ 4.8 mm, for adapter, single use</td>
<td>TAN</td>
</tr>
<tr>
<td>BL/TE Tap, single use</td>
<td>044.7575</td>
<td>BL/TE Tap, $\varnothing$ 3.3 mm, for adapter, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>044.7585</td>
<td>BL/TE Tap, $\varnothing$ 4.1 mm, for adapter, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>044.7595</td>
<td>BL/TE Tap, $\varnothing$ 4.8 mm, for adapter, single use</td>
<td>TAN</td>
</tr>
<tr>
<td>BLT Tap, single use</td>
<td>026.0103S</td>
<td>BLT Tap, $\varnothing$ 2.9 mm, for adapter, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>026.0104S</td>
<td>BLT Tap, $\varnothing$ 3.3 mm, for adapter, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>026.0105S</td>
<td>BLT Tap, $\varnothing$ 4.1 mm, for adapter, single use</td>
<td>TAN</td>
</tr>
<tr>
<td></td>
<td>026.0106S</td>
<td>BLT Tap, $\varnothing$ 4.8 mm, for adapter, single use</td>
<td>TAN</td>
</tr>
</tbody>
</table>
4. Select the implant type

Note: Click on the implant article number.
5. Straumann® PURE Ceramic Implant
Monotype Line
5.1 **CIM Ø 3.3 ND Length 8mm**

- **Prepare the alveolar ridge**
- **Mark the implantation site**
- **Drill 6 mm**
- **Check implant axis**
- **Decide bone class**
- **Drill to the final preparation depth**
- **Check depth and axis**
- **Check implant position**
- **Soft bone drilling stops here**
- **Hard bone or very hard bone**
- **Full length**

---

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control. PURE position indicators are multi-use.

The above information is an extract. Refer to “152.750 Basic information on the surgical and prosthetic procedures - Straumann® PURE Ceramic Implant”
5.2 **CIM Ø 3.3 ND Length 10mm**

1. **Prepare the alveolar ridge**
2. **Mark the implantation site**
3. **Drill 6 mm**
4. **Check implant axis**
5. **Decision bone class**
6. **Drill to the final preparation depth**
7. **Check depth and axis**
8. **Check implant position**

**Soft bone drilling stops here**

**Hard bone or very hard bone Full length**

---

Do not reprocess single-patient drills. Use single-use drill stops for single-patient drills for more precise depth control. PURE position indicators are multi-use.

The above information is an extract. Refer to "152.750 Basic information on the surgical and prosthetic procedures - Straumann® PURE Ceramic Implant"
5.3 CIM Ø 3.3 ND Length 12mm

Prepare the alveolar ridge

Mark the implantation site

Drill 6 mm
Check implant axis
Decide bone class

Drill to the final preparation depth
Check depth and axis
Check implant position

Soft bone drilling stops here

Hard bone or very hard bone
Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control. PURE position indicators are multi use.

The above information is an extract. Refer to "152.750 Basic information on the surgical and prosthetic procedures - Straumann® PURE Ceramic Implant"
5.4 CIM Ø 3.3 ND Length 14mm

Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class
Drill to the final preparation depth
Check depth and axis
Check implant position
Soft bone drilling stops here
Hard bone or very hard bone
Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control. PURE position indicators are multi use.
The above information is an extract. Refer to "152.750 Basic information on the surgical and prosthetic procedures - Straumann® PURE Ceramic Implant"
5.5 CIM Ø 4.1 RD Length 8mm

Prepare the alveolar ridge

Mark the implantation site

Drill 6 mm

Check implant axis

Decide bone class

Drill to the final preparation depth

Check depth and axis

Check implant position

Soft bone drilling stops here

Hard bone or very hard bone Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control. PURE position indicators are multi use.

The above information is an extract. Refer to "152.750 Basic information on the surgical and prosthetic procedures - Straumann® PURE Ceramic Implant"
5.6 CIM Ø 4.1 RD Length 10mm

Prepare the alveolar ridge

Mark the implantation site

Drill 6 mm

Check implant axis

Decide bone class

Drill to the final preparation depth

Check depth and axis

Check implant position

Soft bone drilling stops here

Hard bone

or very hard bone

Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control. PURE position indicators are multi use.

The above information is an extract. Refer to "152.750 Basic information on the surgical and prosthetic procedures - Straumann® PURE Ceramic Implant"
5.7 CIM Ø 4.1 RD Length 12mm

Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class

Drill to the final preparation depth
Check depth and axis
Check implant position

Soft bone drilling stops here

Hard bone or very hard bone
Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control. PURE position indicators are multi use.

The above information is an extract. Refer to “152.750 Basic information on the surgical and prosthetic procedures - Straumann® PURE Ceramic Implant”
5.8  CIM Ø 4.1 RD Length 14mm

Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class

Drill to the final preparation depth
Check depth and axis
Check implant position

Soft bone drilling stops here

Hard bone or very hard bone
Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control. PURE position indicators are multi use.

The above information is an extract. Refer to “152.750 Basic information on the surgical and prosthetic procedures - Straumann® PURE Ceramic Implant”
Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class
Drill to the final preparation depth
Check depth and axis
Soft bone drilling stops here

Hard bone or very hard bone
Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
6.2 **SP Ø 3.3 NNC Length 10mm**

1. Prepare the alveolar ridge
2. Mark the implantation site
3. Drill 6 mm Check implant axis
   Decide bone class
4. Drill to the final preparation depth
   Check depth and axis
5. Soft bone drilling stops here
6. Hard bone or very hard bone
   Full length

---

**Round Bur Ø3.1**
**Needle Drill Short Ø1.6**
**Drill Set Long Ø3.3 Implants**
**Alignment Pin Set**
**BL Profile Drill Long Ø3.3**
**BL/TE Tap Ø3.3**

---

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to “152.754 Basic information on the surgical procedures - Straumann® Dental Implant System”.

---

*033.4175*
6.3  **SP Ø 3.3 NNC Length 12mm**

1. Prepare the alveolar ridge
2. Mark the implantation site
3. Drill 6 mm
   - Check implant axis
4. Decide bone class
5. Drill to the final preparation depth
   - Check depth and axis
6. Soft bone drilling stops here
7. Hard bone or very hard bone
   - Full length
8. Implant placement

---

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class
Drill to the final preparation depth
Check depth and axis
Soft bone drilling stops here

Hard bone or very hard bone
Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to “152.754 Basic information on the surgical procedures - Straumann® Dental Implant System”.

6.4 SP Ø 3.3 NNC Length 14mm
Prepare the alveolar ridge

Mark the implantation site

Drill 6 mm
Check implant axis
Decide bone class

Drill to the final preparation depth
Check depth and axis

Soft bone drilling stops here

Hard bone – Coronal part
Very hard bone – Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to “152.754 Basic information on the surgical procedures - Straumann® Dental Implant System”.

Max. RPM

800

800

800

800

600

400

15

15

044.762S
Round Bur Ø3.1

027.0006S
Needle Drill Short Ø1.6

040.574S
Drill Set Long Ø3.3 Implants

040.578S
Alignment Pin Set

044.748S
SP Profile Drill Long Ø3.3

044.754S
S/SP Tap Ø3.3

033.511S

033.511S
Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class
Drill to the final preparation depth
Check depth and axis
Soft bone drilling stops here

Hard bone – Coronal part
Very hard bone – Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
6.7  **SP Ø 3.3 RN Length 12mm**

1. Prepare the alveolar ridge
2. Mark the implantation site
3. Drill 6 mm
4. Check implant axis
5. Decide bone class
6. Drill to the final preparation depth
7. Check depth and axis
8. Soft bone drilling stops here
9. Hard bone – Coronal part
10. Very hard bone – Full length

---

**Prepare the alveolar ridge:**
- Mark the implantation site
- Drill 6 mm
- Check implant axis
- Decide bone class
- Drill to the final preparation depth
- Check depth and axis
- Soft bone drilling stops here
- Hard bone – Coronal part
- Very hard bone – Full length

---

**Implant placement**

**SP Ø 3.3 RN SLActive® 12 TiZr**

**033.513S**

---

**Max. RPM:**
- 800
- 800
- 800
- 800
- 600
- 400

**Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.**

The above information is an extract. Refer to “152.754 Basic information on the surgical procedures - Straumann® Dental Implant System”.

---

**Tools:**
- 044.762S Round Bur Ø3.1
- 027.0006S Needle Drill Short Ø1.6
- 040.574S Drill Set Long Ø3.3 Implants
- 040.578S Alignment Pin Set
- 044.748S SP Profile Drill Long Ø3.3
- 044.745S 5/SP Tap Ø3.3
- 044.754SP Tap Ø3.3
6.8 SP Ø 3.3 RN Length 14mm

- Prepare the alveolar ridge
- Mark the implantation site
- Drill 6 mm
- Check implant axis
- Decide bone class
- Drill to the final preparation depth
- Check depth and axis
- Soft bone drilling stops here
- Hard bone – Coronal part
- Very hard bone – Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
6.9 SP Ø 4.1 RN Length 4mm

Prepare the alveolar ridge
Mark the implantation site
Drill 4 mm
Check implant axis
Drill the implant bed to the final preparation depth
Check the implant axis and preparation depth
Profile Drill
Tapping
Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
6.10 SP ∅ 4.1 RN Length 6mm

Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class
Drill to the final preparation depth
Check depth and axis
Soft bone drilling stops here

Hard bone – Coronal part
Very hard bone – Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
Prepare the alveolar ridge

Mark the implantation site

Drill 6 mm

Check implant axis

Decide bone class

Drill to the final preparation depth

Check depth and axis

Soft bone drilling stops here

Hard bone – Coronal part

Very hard bone – Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to “152.754 Basic information on the surgical procedures - Straumann® Dental Implant System”.

Max. RPM

800

800

800

600

500

400

15

15

044.762S

Round Bur Ø3.1

027.0006S

Needle Drill Short Ø1.6

040.572S

Drill Set Short Ø4.1 Implants

040.578S

Alignment Pin Set

044.743S

SP Profile Drill Short Ø4.1

044.755S

S/SP Tap Ø4.1

033.561S

SP Ø4.1 RN Length 8mm
6.12 SP Ø 4.1 RN Length 10mm

1. Prepare the alveolar ridge
2. Mark the implantation site
3. Drill 6 mm
4. Check implant axis
5. Decide bone class
6. Drill to the final preparation depth
7. Check depth and axis
8. Soft bone drilling stops here
9. Hard bone – Coronal part
10. Very hard bone – Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class

Drill to the final preparation depth
Check depth and axis
Soft bone drilling stops here

Hard bone – Coronal part
Very hard bone – Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.
The above information is an extract. Refer to “152.754 Basic information on the surgical procedures - Straumann® Dental Implant System”.
Prepare the alveolar ridge

Mark the implantation site

Drill 6 mm

Check implant axis

Decide bone class

Drill to the final preparation depth

Check depth and axis

Soft bone drilling stops here

Hard bone – Coronal part

Very hard bone – Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
Prepare the alveolar ridge
Mark the implantation site
Drill 4 mm Check implant axis
Drill the implant bed to the final preparation depth Check the implant axis and preparation depth
Tapping Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to “152.754 Basic information on the surgical procedures - Straumann® Dental Implant System”.

6.16 SP Ø 4.8 RN Length 6mm

Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Drill the implant bed to the final preparation depth
Check the implant axis and preparation depth
Tapping
Full length

Max. RPM
800
800
800
600
600
600
15
15

044.762S
Round Bur Ø3.1

027.0006S
Needle Drill Short Ø1.6

040.573S
Drill Set Short Ø4.8 Implants

040.578S
Alignment Pin Set

044.756S
S/SP Tap Ø4.8

033.590S

Implant placement
SP Ø 4.8 RN
SLActive® 6
TiZr

07/09/2017 14:34
6.17 SP Ø 4.8 RN Length 8mm

Prepare the alveolar ridge

Mark the implantation site

Drill 6 mm

Check implant axis

Drill the implant bed to the final preparation depth

Check the implant axis and preparation depth

Tapping

Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
6.18 SP Ø 4.8 RN Length 10mm

Prepare the alveolar ridge

Mark the implantation site

Drill 6 mm
Check implant axis

Drill the implant bed to the final preparation depth
Check the implant axis and preparation depth

Tapping
Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
6.19 SP Ø 4.8 RN Length 12mm

- Prepare the alveolar ridge
- Mark the implantation site
- Drill 6 mm
- Check implant axis
- Drill the implant bed to the final preparation depth
- Check the implant axis and preparation depth
- Tapping
- Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Drill the implant bed to the final preparation depth
Check the implant axis and preparation depth
Tapping
Full length

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.
6.21 SP Ø 4.8 WN Length 4mm

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to “152.754 Basic information on the surgical procedures - Straumann® Dental Implant System”.

### 6.22 SP Ø 4.8 WN Length 6mm

1. **Prepare the alveolar ridge**
2. **Mark the implantation site**
3. **Drill 6 mm**
4. **Check implant axis**
5. **Drill the implant bed to the final preparation depth**
6. **Check the implant axis and preparation depth**
7. **Profile Drill**
8. **Tapping**
9. **Full length**

**Max. RPM**
- **800**
- **600**
- **500**
- **400**

**Tools**
- **044.762S** Round Bur Ø3.1
- **027.0006S** Needle Drill Short Ø1.6
- **040.573S** Drill Set Short Ø4.8 Implants
- **040.578S** Alignment Pin Set
- **044.744S** SP Profile Drill Short Ø4.8
- **044.756S** S/SP Tap Ø4.8
- **033.610S**

**Implant placement**
- **SP Ø 4.8 WN**
- **SLActive® 6 TiZr**

**033.610S**
6.23 SP Ø 4.8 WN Length 8mm

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".

Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Drill the implant bed to the final preparation depth
Check the implant axis and preparation depth
Profile Drill
Tapping Full length

Max. RPM
800
800
800
800
600
500
400
400
15
15

044.762S
Round Bur Ø3.1

027.0006S
Needle Drill Short Ø1.6

040.573S
Drill Set Short Ø4.8 Implants

040.578S
Alignment Pin Set

044.744S
SP Profile Drill Short Ø4.8

044.756S
S/SP Tap Ø4.8
Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
6.25 SP Ø 4.8 WN Length 12mm

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
7. Straumann® Standard Implant Line
7.1 S Ø 3.3 RN Length 8mm

1. Prepare the alveolar ridge
2. Mark the implantation site
3. Drill 6 mm
4. Check implant axis
5. Decide bone class
6. Drill to the final preparation depth
7. Check depth and axis
8. Soft bone drilling stops here
9. Hard bone – Coronal part
10. Very hard bone – Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".

Max. RPM 800

044.762S Round Bur Ø3.1
027.0006S Needle Drill Short Ø1.6
040.574S Drill Set Long Ø3.3 Implants
040.578S Alignment Pin Set
044.754S S/SPTap Ø3.3

033.501S
Prepare the alveolar ridge

Mark the implantation site

Drill 6 mm

Check implant axis

Decide bone class

Drill to the final preparation depth

Check depth and axis

Soft bone drilling stops here

Hard bone – Coronal part

Very hard bone – Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class

Drill to the final preparation depth
Check depth and axis

Soft bone drilling stops here

Hard bone – Coronal part
Very hard bone – Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".

---

044.762S
Round Bur Ø3.1
027.00065
Needle Drill Short Ø1.6
040.574S
Drill Set Long Ø3.3 Implants
040.578S
Alignment Pin Set
044.754S
S/SP Tap Ø3.3

---

Implant placement

S Ø 3.3 RN
SLActive® 12 TiZr

033.503S
Prepare the alveolar ridge

Mark the implantation site

Drill 6 mm

Check implant axis

Decide bone class

Drill to the final preparation depth

Check depth and axis

Soft bone drilling stops here

Hard bone – Coronal part

Very hard bone – Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
7.5  S Ø 3.3 RN Length 16mm

Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class
Drill to the final preparation depth
Check depth and axis
Soft bone drilling stops here

Hard bone – Coronal part
Very hard bone – Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".

Max. RPM

800

044.762S
Round Bur Ø3.1

027.0006S
Needle Drill Short Ø1.6

040.574S
Drill Set Long Ø3.3 Implants

040.578S
Alignment Pin Set

044.754S
S/SP Tap Ø3.3

033.5055
Implant placement

S Ø 3.3 RN
SLActive® 16 TiZr

044.762S
Round Bur Ø3.1

027.0006S
Needle Drill Short Ø1.6

040.574S
Drill Set Long Ø3.3 Implants

040.578S
Alignment Pin Set

044.754S
S/SP Tap Ø3.3

033.5055
Implant placement

S Ø 3.3 RN
SLActive® 16 TiZr
Prepare the alveolar ridge

Mark the implantation site

Drill 6 mm
Check implant axis
Decide bone class

Drill to the final preparation depth
Check depth and axis

Soft bone drilling stops here

Hard bone – Coronal part

Very hard bone – Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to “152.754 Basic information on the surgical procedures - Straumann® Dental Implant System”.

033.5305

Maximum RPM:
800
800
800
500
15
15

044.7625
Round Bur ∅3.1

027.00065
Needle Drill Short ∅1.6

040.5725
Drill Set Short ∅4.1 Implants

040.5785
Alignment Pin Set

044.7555
S/SP Tap ∅4.1
7.7  S Ø 4.1 RN Length 8mm

Prepare the alveolar ridge

Mark the implantation site

Drill 6 mm
Check implant axis
Decide bone class

Drill to the final preparation depth
Check depth and axis

Soft bone drilling stops here

Hard bone – Coronal part

Very hard bone – Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to “152.754 Basic information on the surgical procedures - Straumann® Dental Implant System”.

Implant placement

S Ø 4.1 RN
SLActive® 8
TiZr

033.531S

Max. RPM

800
800
800
800
600
500
15
15

044.762S
Round Bur Ø3.1

027.0006S
Needle Drill Short Ø1.6

040.572S
Drill Set Short Ø4.1 Implants

040.578S
Alignment Pin Set

044.755S
S/SP Tap Ø4.1
Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class

Drill to the final preparation depth
Check depth and axis

Soft bone drilling stops here

Hard bone – Coronal part
Very hard bone – Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to “152.754 Basic information on the surgical procedures - Straumann® Dental Implant System”.

033.5325
S Ø 4.1 RN Length 10mm

Max. RPM
800
800
800
800
600
500
15
15

044.7625
Round Bur Ø3.1

027.00066
Needle Drill Short Ø1.6

040.5725
Drill Set Short Ø4.1 Implants

040.5785
Alignment Pin Set

044.7555
S/SP Tap Ø4.1

040.5785
S/SP Tap Ø4.1
7.9 S Ø 4.1 RN Length 12mm

- Prepare the alveolar ridge
- Mark the implantation site
- Drill 6 mm
- Check implant axis
- Decide bone class
- Drill to the final preparation depth
- Check depth and axis
- Soft bone drilling stops here
- Hard bone – Coronal part
- Very hard bone – Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to “152.754 Basic information on the surgical procedures - Straumann® Dental Implant System”.

Implant placement

033.533S
Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class
Drill to the final preparation depth
Check depth and axis
Soft bone drilling stops here

Hard bone – Coronal part
Very hard bone – Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to “152.754 Basic information on the surgical procedures - Straumann® Dental Implant System”.

033.534S
Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".

**7.11 S Ø 4.1 RN Length 16mm**

- Prepare the alveolar ridge
- Mark the implantation site
- Drill 6 mm
- Check implant axis
- Decide bone class
- Drill to the final preparation depth
- Check depth and axis
- Soft bone drilling stops here
- Hard bone – Coronal part
- Very hard bone – Full length

**Implant placement**

- Ø 4.1 RN SLActive® 16 TiZr
- 033.535S

---

**Max. RPM**

- 800

---

**Tools**

- 044.762S Round Bur Ø3.1
- 027.0066S Needle Drill Short Ø1.6
- 040.575S Drill Set Long Ø4.1 Implants
- 040.578S Alignment Pin Set
- 044.755S S/SP Tap Ø4.1

---

**Reference**

- 702173-en.indd 55
- 07/08/2017 14:35
7.12 S Ø 4.8 RN Length 6mm

- Prepare the alveolar ridge
- Mark the implantation site
- Drill 6 mm
- Check implant axis
- Drill the implant bed to the final preparation depth
- Check the implant axis and preparation depth
- Tapping
- Full length

---

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to “152.754 Basic information on the surgical procedures - Straumann® Dental Implant System”.

---

Max. RPM

- 800
- 800
- 800
- 600
- 500
- 400

---

044.762 S
Round Bur Ø3.1

027.0006S
Needle Drill Short Ø1.6

040.573S
Drill Set Short Ø4.8 Implants

040.578S
Alignment Pin Set

044.756S
S/SP Tap Ø4.8

---

033.580S

---

07/09/2017 14:35
Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to “152.754 Basic information on the surgical procedures - Straumann® Dental Implant System”.
Prepare the alveolar ridge
Mark the implantation site
Drill the implant bed to the final preparation depth
Check the implant axis and preparation depth
Tapping Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to “152.754 Basic information on the surgical procedures - Straumann® Dental Implant System”.

7.15 S Ø 4.8 RN Length 12mm

Prepare the alveolar ridge

Mark the implantation site

Drill 6 mm

Check implant axis

Drill the implant bed to the final preparation depth

Check the implant axis and preparation depth

Tapping

Full length

Max. RPM

800

800

800

500

400

15

15

044.762S

Round Bur Ø3.1

027.006S

Needle Drill Ø1.6

040.573S

Drill Set Short Ø4.8 Implants

040.578S

Alignment Pin Set

044.765S

S/SP Tap Ø4.8

033.583S

SLActive® 12

TiZr
Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
7.18 S Ø 4.8 WN Length 8mm

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".

Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Drill the implant bed to the final preparation depth
Check the implant axis and preparation depth
Tapping Full length

Implant placement

Ø 4.8 WN SLActive® 8 TiZr

033.6015
Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to “152.754 Basic information on the surgical procedures - Straumann® Dental Implant System.”
Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".

7.20 S Ø 4.8 WN Length 12mm

Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Drill the implant bed to the final preparation depth
Check the implant axis and preparation depth
Tapping Full length

Max. RPM
800
800
800
800
500
500
400
15
15

044.762S Round Bur Ø3.1
027.0006S Needle Drill Short Ø1.6
040.573S Drill Set Short Ø4.8 Implants
040.578S Alignment Pin Set
044.756S S/SP Tap Ø4.8
033.603S
8. Straumann® Tapered Effect Implant Line
Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class
Drill to the final preparation depth
Check depth and axis
Hard and soft bone drilling stops here
Tapping only in very hard bone
Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm Check implant axis Decide bone class
Drill to the final preparation depth Check depth and axis
Hard and soft bone drilling stops here
Tapping only in very hard bone Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.
The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class
Drill to the final preparation depth
Check depth and axis
Hard and soft bone drilling stops here
Tapping only in very hard bone
Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
8.4 TE Ø 3.3 RN Length 14mm

- Prepare the alveolar ridge
- Mark the implantation site
- Drill 6 mm
- Check implant axis
- Decide bone class
- Drill to the final preparation depth
- Check depth and axis
- Hard and soft bone drilling stops here
- Tapping only in very hard bone
- Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
Hard and soft bone drilling stops here

Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm Check implant axis Decide bone class
Drill to the final preparation depth Check depth and axis

Tapping only in very hard bone Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.
The above information is an extract. Refer to “152.754 Basic information on the surgical procedures - Straumann® Dental Implant System”.
8.6 TE Ø 4.1 RN Length 10mm

- Prepare the alveolar ridge
- Mark the implantation site
- Drill 6 mm
- Check implant axis
- Decide bone class
- Drill to the final preparation depth
- Check depth and axis
- Check depth and axis
- Hard and soft bone drilling stops here
- Tapping only in very hard bone
- Full length
- Implant placement

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".

---

**Tools and Drills**

- Round Bur Ø3.1
- Needle Drill Short Ø1.6
- Drill Set Short Ø4.1 Implants
- Alignment Pin Set
- TE Profile Drill Short Ø4.1
- TE Ø 4.1 RN SLActive® 10 TiZr
- BL/TE Tap Ø4.1
8.7 TE Ø 4.1 RN Length 12mm

Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class
Drill to the final preparation depth
Check depth and axis
Hard and soft bone drilling stops here
Tapping only in very hard bone
Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class
Drill to the final preparation depth
Check depth and axis
Hard and soft bone drilling stops here
Tapping only in very hard bone
Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
8.9 **TE Ø 4.8 WN Length 10mm**

- **Prepare the alveolar ridge**
- **Mark the implantation site**
- **Drill 6 mm**
- **Check implant axis**
- **Drill to the final preparation depth**
- **Check depth and axis**
- **Hard and soft bone drilling stops here**
- **Tapping only in very hard bone**
- **Full length**

**TE Ø 4.8 WN SLActive® 10 TiZr**

**033.6225**

---

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".

---

**Max. RPM**

800

800

800

800

600

500

400

300

15

15
8.10 TE Ø 4.8 WN Length 12mm

Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm Check implant axis
Drill to the final preparation depth Check depth and axis
Hard and soft bone drilling stops here
Tapping only in very hard bone Full length

Max. RPM

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.
The above information is an extract. Refer to “152.754 Basic information on the surgical procedures - Straumann® Dental Implant System”.

033.623S

TE Ø 4.8 WN SLActive® 12 TiZr

Round Bur Ø3.1
044.762S

Needle Drill Short Ø1.6
027.0006S

Drill Set Short Ø4.8 Implants
040.573S

Alignment Pin Set
040.578S

TE Profile Drill Short Ø4.8
044.747S

BL/TE Tap Ø4.8
044.759S

Implant placement
8.11 TE Ø 4.8 WN Length 14mm

- Prepare the alveolar ridge
- Mark the implantation site
- Drill 6 mm
- Check implant axis
- Drill to the final preparation depth
- Check depth and axis
- Hard and soft bone drilling stops here
- Tapping only in very hard bone
- Full length

Max. RPM

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".

---

044.762S
Round Bur Ø3.1

027.0006S
Needle Drill Short Ø1.6

040.576S
Drill Set Long Ø4.8 Implants

040.578S
Alignment Pin Set

044.767S
TE Profile Drill Short Ø4.8

044.759S
BL/TE Tap Ø4.8

033.624S

---

044.762S
Round Bur Ø3.1

027.0006S
Needle Drill Short Ø1.6

040.576S
Drill Set Long Ø4.8 Implants

040.578S
Alignment Pin Set

044.767S
TE Profile Drill Short Ø4.8

044.759S
BL/TE Tap Ø4.8

---

Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Drill to the final preparation depth
Check depth and axis
Hard and soft bone drilling stops here
Tapping only in very hard bone
Full length

---

Max. RPM

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
9. Straumann® Bone Level Implant Line
9.1  **BL Ø 3.3 NC Length 8mm**

1. Prepare the alveolar ridge
2. Mark the implantation site
3. Drill 6 mm
   - Check implant axis
   - Decide bone class
4. Drill to the final preparation depth
   - Check depth and axis
5. Soft bone drilling stops here
6. Hard bone or very hard bone
   - Full length

**Max. RPM**
- 800
- 800
- 800
- 800
- 600
- 300
- 15
- 15

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
9.2 BL Ø 3.3 NC Length 10mm

Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class
Drill to the final preparation depth
Check depth and axis
Soft bone drilling stops here

Hard bone or very hard bone
Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class
Drill to the final preparation depth
Check depth and axis
Soft bone drilling stops here
Hard bone or very hard bone
Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class
Drill to the final preparation depth
Check depth and axis
Soft bone drilling stops here

Hard bone or very hard bone
Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".

Max. RPM
800
800
800
800
600
300
15
15

044.762S
Round Bur Ø3.1

027.0006S
Needle Drill Short Ø1.6

040.574S
Drill Set Long Ø3.3 Implants

040.578S
Alignment Pin Set

026.0096S
BL Profile Drill Long Ø3.3

021.2314

BL Ø 3.3 NC Length 14mm

BL/TE Tap Ø3.3
9.5 BL Ø 4.1 RC Length 8mm

Prepare the alveolar ridge

Mark the implantation site

Drill 6 mm Check implant axis Decide bone class

Drill to the final preparation depth Check depth and axis

Soft bone drilling stops here

Hard bone or very hard bone Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
9.6 BL Ø 4.1 RC Length 10mm

Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class
Drill to the final preparation depth
Check depth and axis
Soft bone drilling stops here

Hard bone or very hard bone
Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
9.7 BL Ø 4.1 RC Length 12mm

Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class
Drill to the final preparation depth
Check depth and axis
Soft bone drilling stops here
Hard bone or very hard bone
Full length

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".

021.4312
9.8 BL Ø 4.1 RC Length 14mm

Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm Check implant axis Decide bone class
Drill to the final preparation depth Check depth and axis
Soft bone drilling stops here

Hard bone or very hard bone Full length

Max. RPM
800
800
800
800
600
300
500
15
15

044.762S Round Bur Ø3.1
027.0006S Needle Drill Short Ø1.6
040.575S Drill Set Long Ø4.1 Implants
040.578S Alignment Pin Set
026.0090S BL Profile Drill Short Ø4.1
044.758S BL/TE Tap Ø4.1

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.
The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to “152.754 Basic information on the surgical procedures - Straumann® Dental Implant System”.

9.9 **BL Ø 4.8 RC Length 8mm**

- **Prepare the alveolar ridge**
- **Mark the implantation site**
- **Drill 6 mm**
- **Check implant axis**
- **Drill the implant bed to the final preparation depth**
- **Check the implant axis and preparation depth**
- **Profile Drill**
- **Tapping**
- **Full length**

**Implant placement**

**BL Ø 4.8 RC SLActive® 8 TiZr**

- **021.6308**
Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to “152.754 Basic information on the surgical procedures - Straumann® Dental Implant System”.

9.10 BL Ø 4.8 RC Length 10mm

Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Drill the implant bed to the final preparation depth
Check the implant axis and preparation depth
Profile Drill
Tapping Full length

Max. RPM
800
800
800
800
600
500
400
300
15
15

044.762S
Round Bur Ø3.1

027.0006S
Needle Drill Short Ø1.6

040.573S
Drill Set Short Ø4.8 Implants

040.578S
Alignment Pin Set

026.0091S
BL Profile Drill Short Ø4.8

021.6310
BL Ø 4.8 RC
SLActive® 10
TiZr

044.759S
BL/TE Tap Ø4.8

Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Drill the implant bed to the final preparation depth
Check the implant axis and preparation depth
Profile Drill
Tapping Full length
Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "152.754 Basic information on the surgical procedures - Straumann® Dental Implant System".
Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to “152.754 Basic information on the surgical procedures - Straumann® Dental Implant System”.

9.12 BL Ø 4.8 RC Length 14mm

1. Prepare the alveolar ridge
2. Mark the implantation site
3. Drill 6 mm
4. Check implant axis
5. Drill the implant bed to the final preparation depth
6. Check the implant axis and preparation depth
7. Profile Drill
8. Tapping
9. Full length

Max. RPM
800 800 800

044.762S Round Bur Ø3.1
027.0006S Needle Drill Short Ø1.6
040.576S Drill Set Long Ø4.8 Implants
040.578S Alignment Pin Set
026.0091S BL Profile Drill Short Ø4.8
044.759S BL/TE Tap Ø4.8

021.6314
10. Straumann® Bone Level Tapered Implant Line
10.1 BLT Ø 2.9 SC Length 10mm

Prepare the alveolar ridge

Mark the implantation site

Drill 6 mm

Check implant axis

Decide bone class

Drill to implant depth

Very soft bone drilling stops here

6mm, check implant axis

Then drill to implant depth

Soft bone drilling stops here

Hard bone or soft bone with dense cortex drilling stops here

Very hard bone or hard bone with dense cortex drilling stops here

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control. SC Position Indicator is multi use.
The above information is an extract. Refer to “490.073 Basic information on the surgical and prosthetic procedures for the Straumann® Bone Level Tapered Implant Ø 2.9 mm SC”
10.2 BLT Ø 2.9 SC Length 12mm

Prepare the alveolar ridge

Mark the implantation site

Drill 6 mm

Check implant axis

Decide bone class

Drill 6 mm, check implant axis

Then drill to implant depth

Very soft bone drilling stops here

Soft bone drilling stops here

Drill 6mm, check implant axis

Then drill to implant depth

Hard bone or soft bone with dense cortex drilling stops here

Very hard bone or hard bone with dense cortex drilling stops here

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control. SC Position Indicator is multi-use.

The above information is an extract. Refer to “490.073 Basic information on the surgical and prosthetic procedures for the Straumann® Bone Level Tapered Implant Ø 2.9 mm SC”
Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control. SC Position Indicator is multi-use.

The above information is an extract. Refer to "490.073 Basic information on the surgical and prosthetic procedures for the Straumann® Bone Level Tapered Implant ∅ 2.9 mm SC"
10.4 BLT Ø 3.3 NC Length 8mm

- Prepare the alveolar ridge
- Mark the implantation site
- Drill 6 mm
- Check implant axis
- Decide bone class
- Drill to the final preparation depth
- Check depth and axis
- Soft bone drilling stops here
- Hard bone or dense cortex drilling stops here
- Very hard bone drilling stops here

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control. The above information is an extract. Refer to "490.038 Straumann® Bone Level Tapered Implant - Basic Information".
10.5 BLT ∅ 3.3 NC Length 10mm

Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class
Drill to the final preparation depth
Check depth and axis
Soft bone drilling stops here
Hard bone or dense cortex drilling stops here
Very hard bone drilling stops here

BLT ∅ 3.3 NC
SLActive® 10
TiZr

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.
The above information is an extract. Refer to "490.038 Straumann® Bone Level Tapered Implant - Basic Information".
Prepare the alveolar ridge

Mark the implantation site

Drill 6 mm Check implant axis Decide bone class

Drill to the final preparation depth Check depth and axis

Very soft bone drilling stops here

Soft bone drilling stops here

Hard bone or dense cortex drilling stops here

Very hard bone drilling stops here

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to “490.038 Straumann® Bone Level Tapered Implant - Basic Information.”
10.7 BLT Ø 3.3 NC Length 14mm

- Prepare the alveolar ridge
- Mark the implantation site
- Drill 6 mm
- Check implant axis
- Decide bone class
- Drill to the final preparation depth
- Check implant axis
- Very soft bone drilling stops here
- Soft bone drilling stops here
- Hard bone or dense cortex drilling stops here
- Very hard bone drilling stops here

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to “490.038 Straumann® Bone Level Tapered Implant - Basic Information”
Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class

Drill to the final preparation depth
Check depth and axis
Very soft bone drilling stops here

Soft bone drilling stops here
Hard bone or dense cortex drilling stops here
Very hard bone drilling stops here

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to “490.038 Straumann® Bone Level Tapered Implant - Basic Information”.

BLT Ø 3.3 NC Length 16mm

044.7625 Round Bur Ø3.1
027.0006S Needle Drill Short Ø1.6
027.0003S BLT Drill Set Long Ø3.3 Implants
040.578S Alignment Pin Set
026.0100S BLT Profile Drill Long Ø3.3
026.0104S BLT Tap Ø3.3
026.0104S BLT Tap Ø3.3
021.3316
Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class

Drill to the final preparation depth
Check depth and axis
Very soft bone drilling stops here

Soft bone drilling stops here
Hard bone or dense cortex drilling stops here
Very hard bone drilling stops here

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "490.038 Straumann® Bone Level Tapered Implant - Basic Information".
Prepare the alveolar ridge

Mark the implantation site

Drill 6 mm

Check implant axis

Decide bone class

Drill to the final preparation depth

Check depth and axis

Very soft bone drilling stops here

Soft bone drilling stops here

Hard bone or dense cortex drilling stops here

Very hard bone drilling stops here

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "490.038 Straumann® Bone Level Tapered Implant - Basic Information".
Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class

Drill to the final preparation depth
Check depth and axis
Very soft bone drilling stops here
Soft bone drilling stops here
Hard bone or dense cortex drilling stops here
Very hard bone drilling stops here

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to “490.038 Straumann® Bone Level Tapered Implant - Basic Information”.
Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class
Drill to the final preparation depth
Check depth and axis
Very soft bone drilling stops here
Soft bone drilling stops here
Hard bone or dense cortex drilling stops here
Very hard bone drilling stops here

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "490.038 Straumann® Bone Level Tapered Implant - Basic Information"
Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class

Drill to the final preparation depth
Check depth and axis
Very soft bone drilling stops here

Soft bone drilling stops here

Hard bone or dense cortex drilling stops here

Very hard bone drilling stops here

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to “490.038 Straumann® Bone Level Tapered Implant - Basic Information”
Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class

Drill to the final preparation depth
Check depth and axis
Very soft bone drilling stops here
Soft bone drilling stops here
Hard bone or dense cortex drilling stops here
Very hard bone drilling stops here

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to “490.038 Straumann® Bone Level Tapered Implant - Basic Information”.

Max. RPM

044.7625 Round Bur Ø3.1
027.0006S Needle Drill Short Ø1.6
027.0004S BLT Drill Set Long Ø4.1 Implants
027.0004S BLT Drill Set Long Ø4.1 Implants
040.5785 Alignment Pin Set
026.0094S BLT Profile Drill Short Ø4.1
026.0094S BLT Profile Drill Short Ø4.1
026.0105S BLT Tap Ø4.1
021.5316
Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class
Drill to the final preparation depth
Check depth and axis
Very soft bone drilling stops here
Soft bone drilling stops here
Hard bone or dense cortex drilling stops here
Very hard bone drilling stops here
Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.
The above information is an extract. Refer to "490.038 Straumann® Bone Level Tapered Implant - Basic Information".
Prepare the alveolar ridge

Mark the implantation site

Drill 6 mm
Check implant axis
Decide bone class

Drill to the final preparation depth
Check depth and axis
Very soft bone drilling stops here

Soft bone drilling stops here

Hard bone or dense cortex drilling stops here

Very hard bone drilling stops here

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to “490.038 Straumann® Bone Level Tapered Implant - Basic Information”
Prepare the alveolar ridge

Mark the implantation site

Drill 6 mm
Check implant axis
Decide bone class

Drill to the final preparation depth
Check depth and axis
Very soft bone drilling stops here

Soft bone drilling stops here

Hard bone or dense cortex drilling stops here

Very hard bone drilling stops here

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to “490.038 Straumann® Bone Level Tapered Implant - Basic Information”
Prepare the alveolar ridge

Mark the implantation site

Drill 6 mm

Check implant axis

Decide bone class

Drill to the final preparation depth

Check depth and axis

Very soft bone drilling stops here

Soft bone drilling stops here

Hard bone or dense cortex drilling stops here

Very hard bone drilling stops here

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to “490.038 Straumann® Bone Level Tapered Implant - Basic Information”
10.19  BLT Ø 4.8 RC Length 14mm

Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class

Drill to the final preparation depth
Check depth and axis
Very soft bone drilling stops here

Soft bone drilling stops here
Hard bone or dense cortex drilling stops here

Very hard bone drilling stops here

Mark the implantation site

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to “490.038 Straumann® Bone Level Tapered Implant - Basic Information”.

Max. RPM

800
800
800
800
500
400
300
15
15

044.762S Round Bur Ø3.1
027.0006S Needle Drill Short Ø1.6
027.0005S BLT Drill Set Long Ø4.8 Implants
040.578S Alignment Pin Set
026.0095S BLT Profile Drill Short Ø4.8
026.0095S BLT Tap Ø4.8

021.7314
Drill to the final preparation depth
Check depth and axis
Very soft bone drilling stops here

Hard bone or dense cortex drilling stops here

Soft bone drilling stops here

Very hard bone drilling stops here

Mark the implantation site

Prepare the alveolar ridge

Decide bone class

Check implant axis

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control.

The above information is an extract. Refer to "490.038 Straumann® Bone Level Tapered Implant - Basic Information"
Drill to the final preparation depth
Check depth and axis
Very soft bone drilling stops here

Hard bone or dense cortex drilling stops here

Soft bone drilling stops here

Very hard bone drilling stops here

Prepare the alveolar ridge
Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class

Max. RPM

Mark the implantation site
Drill 6 mm
Check implant axis
Decide bone class

BLT Ø 4.8 RC Length 18mm

Do not reprocess single-patient drills. Use single-use drill stops with single-patient drills for more precise depth control. The above information is an extract. Refer to “490.038 Straumann® Bone Level Tapered Implant - Basic Information”.

Implant placement

BLT Ø 4.8 RC SLActive® 18 TiZr

021.7318

044.7625
Round Bur Ø3.1

027.00065
Needle Drill Short Ø1.6

027.00055
BLT Drill Set Long Ø4.8 Implants

040.5785
Alignment Pin Set

026.00955
BLT Profile Drill Short Ø4.8

026.01065
BLT Tap Ø4.8