

# Step-by-Step for using Bone Profilers for the Straumann® Bone Level and Straumann® Bone Level Tapered Implants

The Bone Level Bone Profiler is used to remove bone coronally to the implant shoulder in the following situations:

- deeply placed implants
- angulated/tilted implants
- scalloped or sloped alveolar ridge

**Important:** Use the Bone Level Bone Profilers only if the bone walls interfere with the abutment's emergence profile.

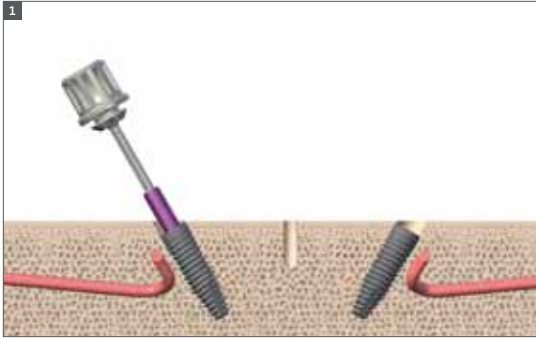
The Straumann® Bone Level Bone Profiler system consists of the following components:



| Instrument                                       | Article number |
|--|----------------|
| Guiding Cylinder NC for Bone Level Bone Profiler | 026.00255      |
| Guiding Cylinder RC for BL Bone Profiler         | 026.00265      |
| Bone Level Bone Profiler 1                       | 026.0022       |
| Bone Level Bone Profiler 2                       | 026.0023       |
| Bone Level Bone Profiler 3                       | 026.0024       |

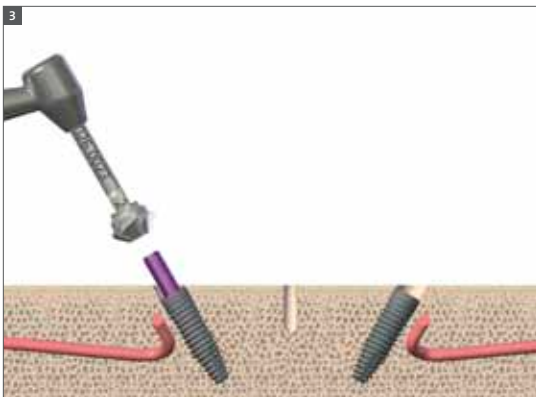
## Instructions for use

For detailed instructions please consult the *Instructions for use* supplied with the product or at [ifu.straumann.com](http://ifu.straumann.com)



1. Depending on the implant connection type (RC or NC), screw the Guiding Cylinder NC (026.0025S) or Guiding Cylinder RC (026.0026S) into the implant using an SCS Screwdriver. Hand-tighten the Guiding Cylinder.

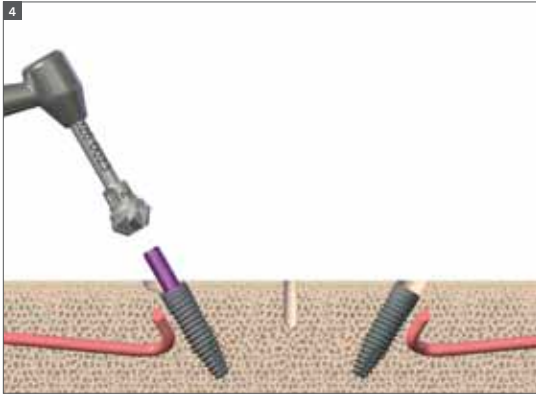
2. Choose the Bone Profiler 1, 2 or 3 depending on the abutment emergence profile, the implant position (e.g. subcrestal placement, tilted position) and surrounding bone situation (e.g. uneven, scalloped ridge). Table 1 shows which Bone Profiler is generally suggested for a particular abutment in situations of deeply (subcrestally) placed implants.



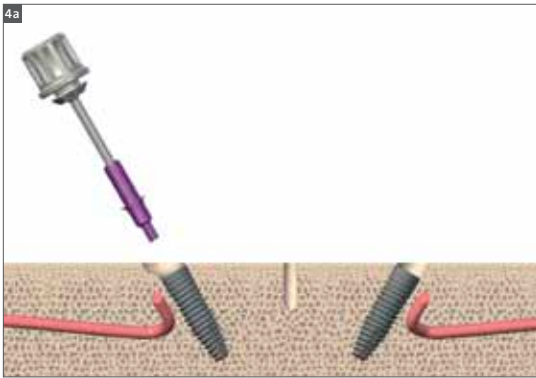
3. Insert the Bone Profiler into the dental hand-piece. Without turning the Bone Profiler, place it over the Guiding Cylinder and slide it down until the Bone Profiler is 1 mm away from the bone. Once in position, drill into the bone not exceeding the maximum rotational speed of 200 rpm. Use intermittent drilling technique with ample irrigation with sterile precooled physiological saline solution.

**Important:** When drilling keep the Bone Profiler and the Guiding Cylinder axially aligned and do not apply any bending forces. Continue drilling until the Bone Profiler reaches the stop collar of the Guiding Cylinder.

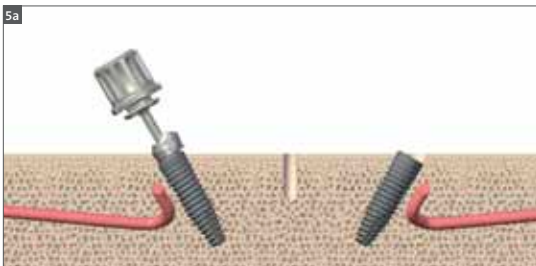




4. Remove the Bone Profiler and unscrew the Guiding Cylinder from the implant.



5. Place the abutment and screw it into the implant.



**Table 1: Abutments and suggested corresponding Bone Level Bone Profilers**

|                                     | Art No                         | Bone Profiler 1<br>026.0022 | Bone Profiler 2<br>026.0023 | Bone Profiler 3<br>026.0024 |
|-------------------------------------|--------------------------------|-----------------------------|-----------------------------|-----------------------------|
| <b>Bone Level Healing Abutments</b> | 024.4236, 024.4236S            | ✓                           |                             |                             |
|                                     | 024.4234, 024.4234S            | ✓                           |                             |                             |
|                                     | 024.4222, 024.0000S            | ✓                           |                             |                             |
|                                     | 024.4222S                      |                             | ✓                           |                             |
|                                     | 024.4224, 024.4224S, 024.0001S | ✓                           |                             |                             |
|                                     | 024.4226, 024.4226S, 024.0002S | ✓                           |                             |                             |
|                                     | 024.4242, 024.4242S, 024.0003S |                             |                             | ✓                           |
|                                     | 024.4244, 024.4244S, 024.0004S |                             | ✓                           |                             |
|                                     | 024.4246, 024.0005S            |                             | ✓                           |                             |
|                                     | 024.4246S                      | ✓                           | ✓*                          |                             |
|                                     | 024.2236, 024.2236S            | ✓                           |                             |                             |
|                                     | 024.2234, 024.2234S            | ✓                           |                             |                             |
|                                     | 024.2222, 024.2222S            | ✓                           |                             |                             |
|                                     | 024.2224, 024.2224S            | ✓                           |                             |                             |
|                                     | 024.2226, 024.2226S            | ✓                           |                             |                             |
|                                     | 024.2242, 024.2242S            |                             | ✓                           |                             |
|                                     | 024.2244, 024.2244S            | ✓                           |                             |                             |
| 024.2246, 024.2246S                 | ✓                              |                             |                             |                             |
| <b>Screw-retained Abutments</b>     | 022.2745                       | ✓                           |                             |                             |
|                                     | 022.2746                       | ✓                           |                             |                             |
|                                     | 022.2753                       | ✓                           |                             |                             |
|                                     | 022.2747                       |                             | ✓                           |                             |
|                                     | 022.2748                       | ✓                           |                             |                             |
|                                     | 022.2754                       | ✓                           |                             |                             |
|                                     | 022.2749                       |                             |                             | ✓                           |
|                                     | 022.2750                       |                             |                             | ✓                           |
|                                     | 022.2755                       |                             | ✓                           |                             |
|                                     | 022.2756                       |                             | ✓                           |                             |
|                                     | 022.2751                       |                             |                             | ✓                           |
|                                     | 022.2752                       |                             |                             | ✓                           |
|                                     | 022.2757                       |                             | ✓                           |                             |
|                                     | 022.2758                       |                             | ✓                           |                             |
|                                     | 022.4745                       |                             | ✓                           |                             |
|                                     | 022.4746                       | ✓                           |                             |                             |
|                                     | 022.4751                       | ✓                           |                             |                             |
|                                     | 022.4747                       |                             |                             | ✓                           |
|                                     | 022.4748                       |                             |                             | ✓                           |
|                                     | 022.4752                       |                             | ✓                           |                             |
|                                     | 022.4753                       |                             | ✓                           |                             |
|                                     | 022.4749                       |                             |                             | ✓                           |
|                                     | 022.4750                       |                             |                             | ✓                           |
| 022.4754                            |                                | ✓                           |                             |                             |
| 022.4755                            |                                | ✓                           |                             |                             |

\* Bone Profiler 2 may only be needed if the implant is placed deeper than 3mm subcrestally; otherwise use Bone Profiler 1.

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