**Precise Depth Control**

- Additional safety: Restricts drilling deeper than the predefined depth.
- Fast and secure: Mounting and dismounting of drill stops.
- Simple handling: Ready to use, prepacked for each depth and diameter size.
- All drilling depths: Covered with a minimal selection of four drill stop types.
- Color coding: Helps easy identification of diameter size.
- Effective design: Small-sized drill stops offer an optimum view of the treatment area.
- Openings: Facilitate irrigation and removal of bone chips.

**Straumann® Drill Stop**

- **Art. No.** 040.460 Drill Stop Kit
  - 3 x Drill Stop Set, type A 12 mm/16 mm
  - 3 x Drill Stop Set, type B 10 mm/14 mm
  - 3 x Drill Stop Set, type C 8 mm/12 mm
  - 3 x Drill Stop Set, type D 6 mm/10 mm

**Refill packages**:
- **Art. No.** 040.454S
  - Drill Stop Set, type A, for short drill 12 mm/long drill 16 mm, Ø 3.3/4.1/4.8 mm implants
- **Art. No.** 040.455S
  - Drill Stop Set, type B, for short drill 10 mm/long drill 14 mm, Ø 3.3/4.1/4.8 mm implants
- **Art. No.** 040.456S
  - Drill Stop Set, type C, for short drill 8 mm/long drill 12 mm, Ø 3.3/4.1/4.8 mm implants
- **Art. No.** 040.457S
  - Drill Stop Set, type D, for short drill 6 mm/long drill 10 mm, Ø 3.3/4.1/4.8 mm implants

**Drill Sets**:
- **Art. No.** 040.440S 040.441S
  - Drill Set, short/long, for Ø 3.3 mm implants, drill stop compatible, single-patient use, sterile
- **Art. No.** 040.443S 040.444S
  - Drill Set, short/long, for Ø 4.1 mm implants, drill stop compatible, single-patient use, sterile
- **Art. No.** 040.446S 040.447S
  - Drill Set, short/long, for Ø 4.8 mm implants, drill stop compatible, single-patient use, sterile

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- **xxx.xxxS** = sterile
The Straumann® Drill Stop provides precise control over drilling depth during implant bed preparation for the placement of Straumann dental implants. The advantage of the Straumann® Drill Stop lies in its ability to be applied in both simple and more advanced cases, where the location of the mandibular nerve or sinus floor are concerned. Delivered in sterile sets, the drill stops are ready to use. The Straumann® Drill Stop is designed for single-patient use only and must be used in conjunction with the AngioPilot drill specifically designed for them.

There are four Straumann® Drill Stop types available (A, B, C and D). The drill stop type is determined according to the related drilling depth and to the required drill length. A minimum of four types is designed to offer a drill stop solution for the site preparation of all six implant lengths in the Straumann® Dental Implant System.

Applying the following reference chart you can specify which drill stop type can be used in preparing the implant bed depth with the short or long drill.

**Step 1:** Determine the implant bed depth (6, 8, 10, 12, 14, 16 mm).

**Step 2:** Choose the drill length (short or long).

**Step 3:** Match the implant bed depth to the drill stop type as shown in the reference chart.

**Example (marked red in the figure below):**
- Preparing a 12 mm implant bed with a short drill requires a Straumann® Drill Stop type A.
- Preparing a 12 mm implant bed with a long drill requires a Straumann® Drill Stop type C.

Important
- Straumann® drill stops are not indicated for extraction sites, where bone cavity is often wider than the diameter necessary to hold the drill stop.
- Use with drill templates, due to the interference from or with the template.
- For more information, refer to the section “Planning aids for determining the vertical bone availability” in the brochure “Basic information on the surgical procedure with the Straumann® Dental Implant System”, Art. no. 152.203.

**Dismounting the Straumann® Drill Stop**
Drill stops can prevent a complete countersinking of the drill in uneven bone. In such cases, the drill stops have to be removed. To dismount the drill stop from the drill that will continue to be used in the same procedure, care should be taken to protect the drill tip from damage. The necessary tool is the Straumann® Drill Stop Aid marked “dismounting”. Insert the drill shaft into the Straumann® Drill Stop Aid marked “dismounting” (indicated by A). Press the Straumann® Drill Stop with the help of the Straumann® Drill Stop Aid to remove the drill stop.

**Mounting the Straumann® Drill Stop**
- Insert the drill into the Straumann® Drill Stop located on the surface of the Drill Stop Aid marked “mounting” (indicated by B). Be sure to dismount the drill stop using the smaller drill tip protection.
- Insert the drill into the Straumann® Drill Stop until the drill locks in. Verify that the Straumann® Drill Stop is aligned with the correct laser markings on the drill.

Each Straumann® Drill Stop Set includes drill stops with the following diameters: Ø 2.2 mm, Ø 2.5 mm, Ø 2.8 mm, Ø 3.5 mm, Ø 4.2 mm. These diameters correspond to the diameters of the Straumann® Drills.

The Straumann® Drill Stop Set is available with Straumann® Drill Stop Set type A to D, which can be ordered separately.

**Drill Stop Kit – Optimal Storage for the Components**
- Drill Stop Aid
- Drill Stop Set (type A, B, C, D)
- Drill Stop Kit

Each Straumann® Drill Stop Set includes drill stops with the following diameters: Ø 2.2 mm, Ø 2.5 mm, Ø 2.8 mm, Ø 3.5 mm, Ø 4.2 mm. These diameters correspond to the diameters of the Straumann® Drills.