

Art. No.	Article	
040.460	Drill Stop Kit	
		Short drill Long drill
		Implant bed depth
	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
	1 x Drill Stop Aid	
040.454S	Refill package: Drill Stop Set, type A, for short drill 12 mm/long drill 16 mm, Ø 3,3/4,1/4,8 mm implants	
040.455S	Refill package: Drill Stop Set, type B, for short drill 10 mm/long drill 14 mm, Ø 3,3/4,1/4,8 mm implants	
040.456S	Refill package: Drill Stop Set, type C, for short drill 8 mm/long drill 12 mm, Ø 3,3/4,1/4,8 mm implants	
040.457S	Refill package: Drill Stop Set, type D, for short drill 6 mm/long drill 10 mm, Ø 3,3/4,1/4,8 mm implants	
040.461	Drill Stop Aid	
040.440S	Drill Set, short, for Ø 3,3 mm implants, drill stop compatible, single-patient use, sterile	
040.441S	Drill Set, long, for Ø 3,3 mm implants, drill stop compatible, single-patient use, sterile	
040.443S	Drill Set, short, for Ø 4,1 mm implants, drill stop compatible, single-patient use, sterile	
040.444S	Drill Set, long, for Ø 4,1 mm implants, drill stop compatible, single-patient use, sterile	
040.446S	Drill Set, short, for Ø 4,8 mm implants, drill stop compatible, single-patient use, sterile	
040.447S	Drill Set, long, for Ø 4,8 mm implants, drill stop compatible, single-patient use, sterile	

xxx.xxxS = sterile

PRECISE DEPTH CONTROL



Straumann® Drill Stop



Additional safety

- **Restricts drilling deeper** than the predefined depth.
- **Fast and secure** mounting and dismantling of drill stops.

Simple handling

- **Ready to use** – Drill stops are conveniently packaged for each depth and do not require cleaning or sterilization.
- **All drilling depths** are covered with a minimal selection of four drill stop types.
- **Color coding** allows easy identification of diameter size.

Effective design

- **Small-sized** drill stops offer an optimum view of the treatment area.
- **Openings** on the drill stops facilitate irrigation and removal of bone chips.

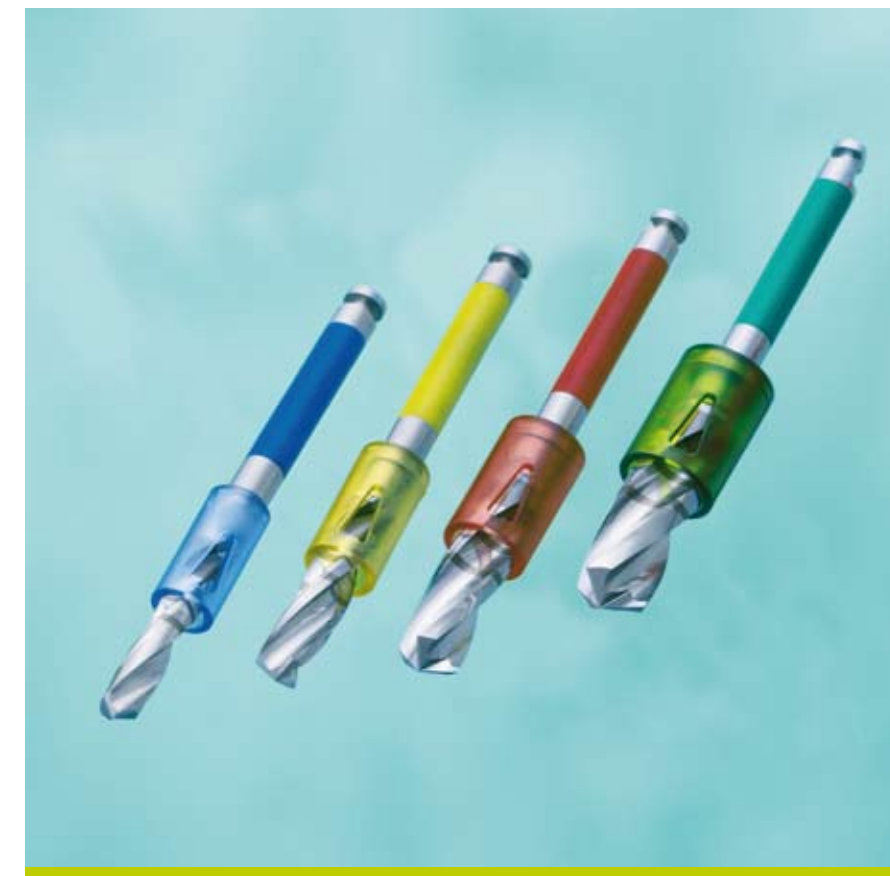
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STRAUMANN® DRILL STOP

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 single-patient drills specifically designed for them.



STRAUMANN® DRILL STOP TYPES

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.

Straumann® Drill Stop reference chart		
Implant bed depth	Short drill	Long drill
	Drill stop type	Drill stop type
16 mm		A
14 mm		B
12 mm	A	C
10 mm	B	D
8 mm	C	
6 mm	D	

STRAUMANN® DRILL STOP KIT – OPTIMAL STORAGE FOR THE COMPONENTS

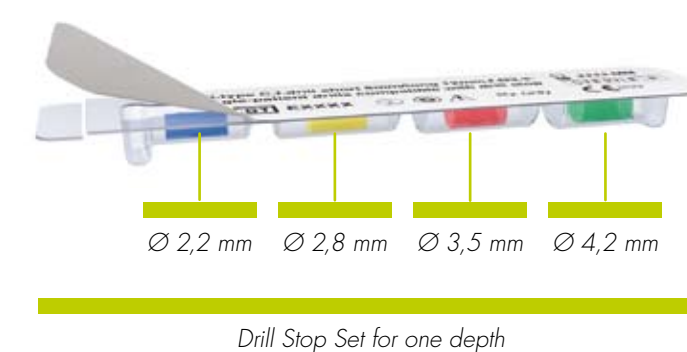


Straumann® Drill Stop Aid

The Straumann® Drill Stop Aid facilitates safe mounting and dismounting for all Straumann® Drill Stop types. It can be used for multiple applications, but must be sterilized prior to use.



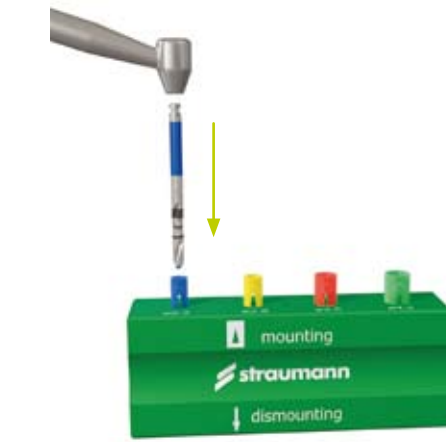
Straumann® Drill Stop Set			
Type	Drill Stop Set	For short drill	For long drill
		Implant bed depth	
Type A		12 mm	16 mm
Type B		10 mm	14 mm
Type C		8 mm	12 mm
Type D		6 mm	10 mm



Each Straumann® Drill Stop Set includes drill stops with the following diameters: Ø 2,2 mm (blue), Ø 2,8 mm (yellow), Ø 3,5 mm (red), Ø 4,2 mm (green). These diameters correspond to the diameters of the Straumann drills.

The Straumann® Drill Stop Kit is refillable with Straumann® Drill Stop sets (type A to D), which can be ordered separately.

Mounting the Straumann® Drill Stop



a) Insert the drill into the Straumann® Drill Stop located on the surface of the Drill Stop Aid marked **mounting** (indicated by **I**).

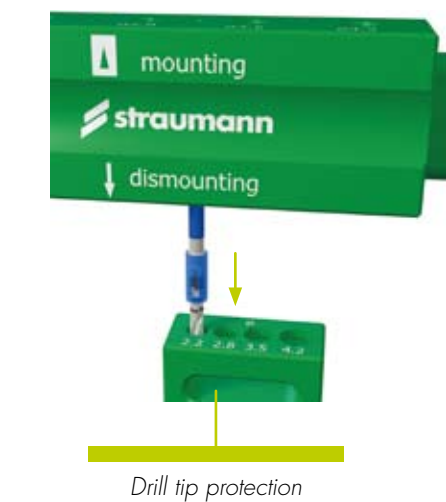
Caution

The drill will mount successfully only if you are using the surface with the correct arrow pointing upwards.

b) Insert the drill into the Straumann® Drill Stop until the drill locks in.

c) Verify that the Straumann® Drill Stop is aligned with the correct laser markings on the drill.

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. Be sure to dismount the drill stop using the smaller drill tip protection.

a) Insert the drill shaft into the Straumann® Drill Stop Aid marked **dismounting** (indicated by **II**).

b) Press the Straumann® Drill Stop with the help of the Straumann® Drill Stop Aid to remove the drill stop.

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.