

**Subject:**

**Product Release: Surgical Trays packaged with Variable Band Depth (VBD) markings on Long Drills**

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**Date: 6-25-08**

**To: Implant Direct Customers**

**New Laser/Matt marked drills are now available!!!!**

Implant Direct's Complete (CST) and Basic (BST) Surgical Tray is now available with the **Long Drills** that have the **variable band depth (VBD) markings**. The depth marking system, composed of a combination of electropolished, matt finish, laser bands and laser lines, separates the drill into clearly distinguishable areas. The drills are textured to facilitate implant site preparation when utilizing single length drills to place a variety of implant lengths. The **variable band depth (VBD) markings** allows the clinician at a moments notice to determine to what length they have progressed subcrestally no matter at what level the drill is in the osteotomy.

The **apical 6-7mm** of the drill is **electropolished (shiny)**, followed by a **2mmL matt band** to allow for **8mmL implant** placement. The following section is a **2mmL laser band** which would indicate a **10mmL implant** placement. The 3mmL matt section is bisected by a **laser line at 11.5mmL**. The top of the **3mmL matt** section indicates the area for **13mmL implant** placement. The **3mmL laser band** above this area allows for the **16mmL implant** placement.



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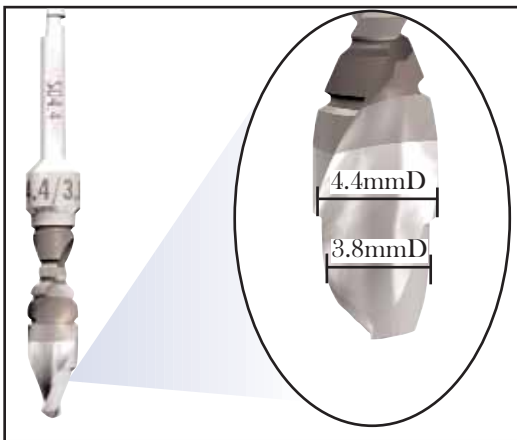
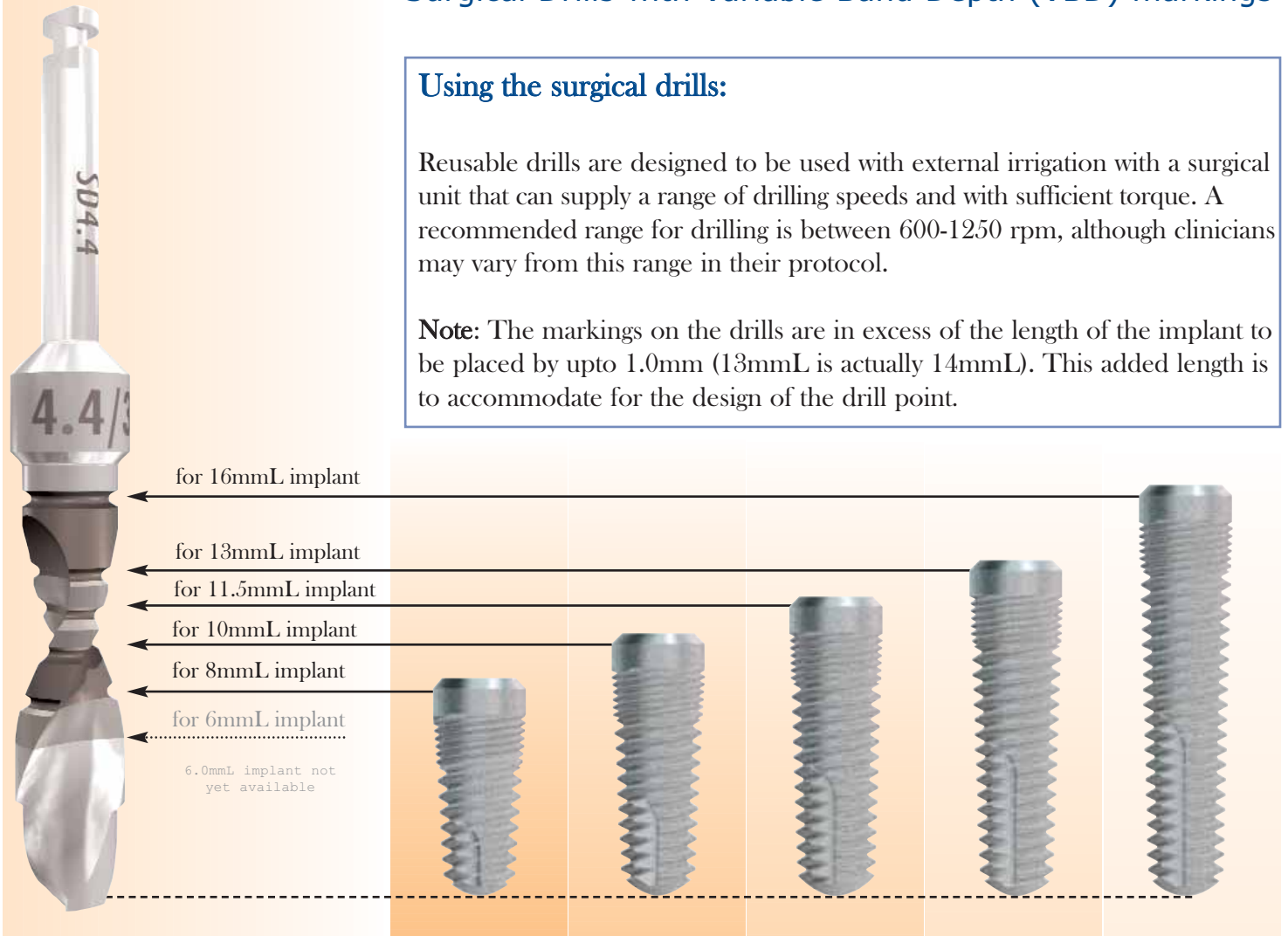
**w w w . i m p l a n t d i r e c t . c o m**

**Surgical Drills with Variable Band Depth (VBD) markings**

**Using the surgical drills:**

Reusable drills are designed to be used with external irrigation with a surgical unit that can supply a range of drilling speeds and with sufficient torque. A recommended range for drilling is between 600-1250 rpm, although clinicians may vary from this range in their protocol.

**Note:** The markings on the drills are in excess of the length of the implant to be placed by upto 1.0mm (13mmL is actually 14mmL). This added length is to accommodate for the design of the drill point.



**Using step drills for tapered implants:**

Use step drills for final sizing of the osteotomy when placing tapered implants in dense bone. These drills are designed to accommodate the varying lengths of tapered implants without having to have length specific tapered drills. The drill has two diameters of straight walled design incorporated into one drill. This allows the implants to obtain maximum engagement into bone no matter the length of implant being used. The length of the stepped area is approximately 4mm from the point of the drill to the start of the wider portion.

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