Astra Tech / Dentsply Sirona Compatibility

OSSEOSPEED EV CONICAL / STRAIGHT

Two-drill Crown Down osteotomy protocol, matched to the implant Ø of this system.

INDICATIONS

The Crown Down Kit is an instrument for performing dental implant osteotomies in the mandible and maxilla.

GENERAL PRECAUTIONS

Use of the Crown Down Kit involves an expert, complex procedure and is intended for formally trained dental professionals.

STERILIZATION & KIT CONTENTS

Steam autoclave at 136°C for 20 minutes. 60° starter drill, Drill #20, #30, #35, #40, #45, #50, #55, #60. Depth stoppers #1 and #2 (outer Ø 5.5 mm).

RECOMMENDED SPEED
200 – 300 RPM

IRRIGATION
Saline irrigation is contraindicated.

INSTRUCTIONS

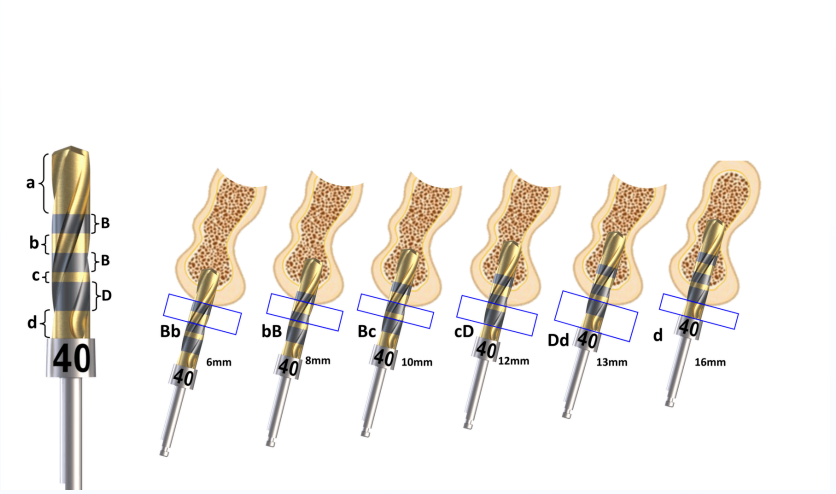
1. Determine the diameter and length of the implant according to the clinical case.
2. Select the two corresponding drills from the drilling chart.
3. Use the 60° starter drill to create the center dent.
4. Switch to Drill #1 to prepare the cortical bone. Rely on clinical perception. Stop drilling once resistance decreases significantly.
5. Switch to Drill #2 and complete the osteotomy to the final planned depth.
6. Bone particles produced during drilling can be collected for autogenous bone grafting.

EV-C/S CROWN DOWN DRILLING CHART

IMPLANT Ø (MM)	3.0	3.6	4.2S	4.2C	4.8S	4.8C	5.4
DRILL #1	#30	#40	#45	#45	#50	#50	#55
DRILL #2	#20	#20	#35	#30	#40	#35	#45

Drill #1 prepares the cortical pass. Drill #2 completes the osteotomy. Codes on each drill body (below) tell you when to stop.

ERGONOMIC DEPTH MARKING CODE



Bb	bB	Bc	cD	Dd	d
6 mm	8 mm	10 mm	12 mm	13 mm	16 mm

Compatibility manual. Reference only. Refer to the instructions for use shipped with the kit for binding clinical terms.