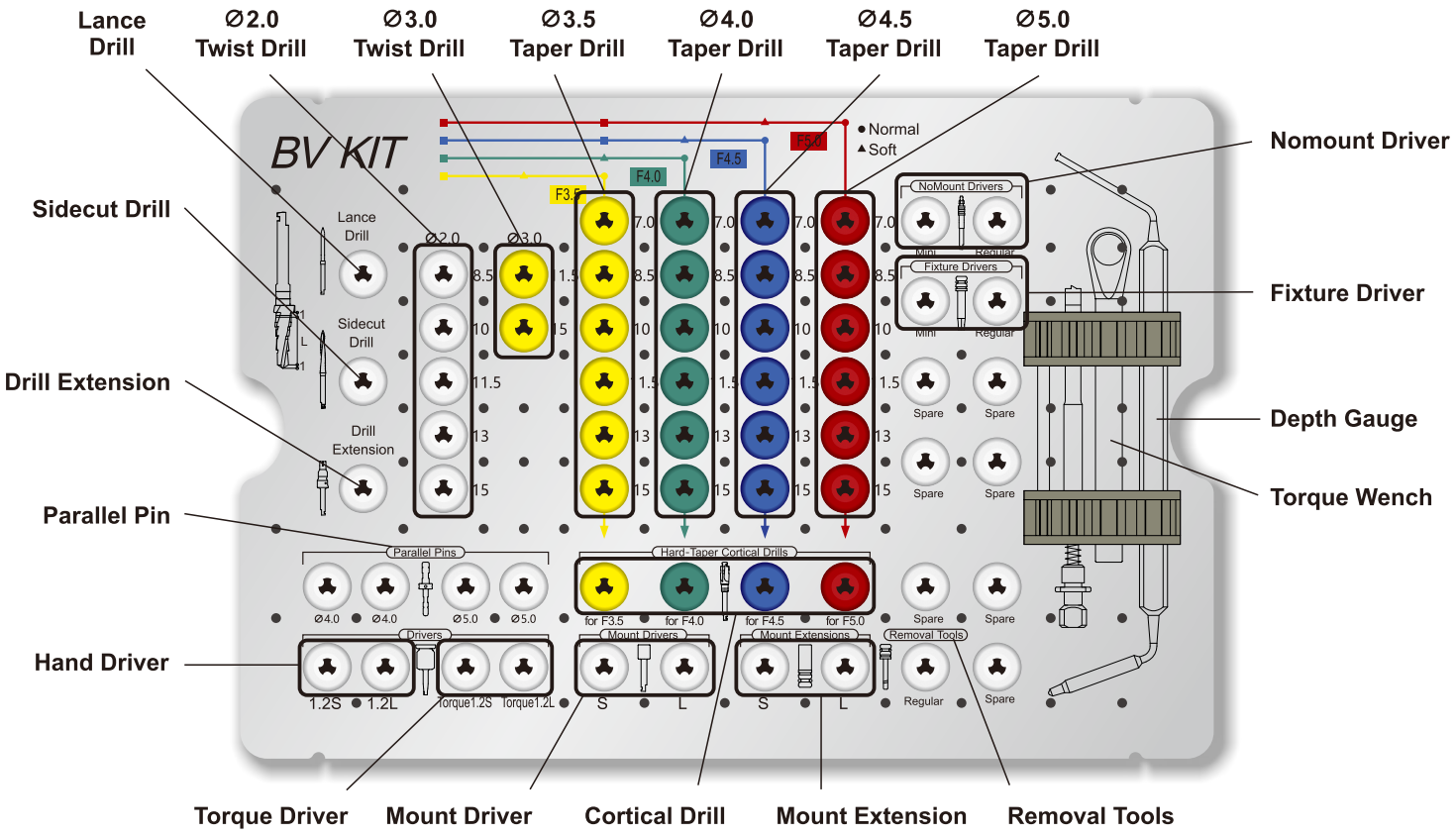
BV Surgical Instrument (356400)

Bioconcept



Surgical Kit Instruments

	Φ2.0 Twist Drill		Φ3.0 Twist Drill		F3.5 Taper Drill		F4.0 Taper Drill		F4.5 Taper Drill		F5.0 Taper Drill	
L	7mm	351080			351700	351760		351820		351880		
	8.5mm	351110			351710	351770		351830		351890		
	10mm	351140		351180	351720	351780		351840		351900		
	11.5mm	351170		351300	351730	351790		351850		351910		
	13mm	351250			351740	351800		351860		351920		
	15mm	351380			351750	351810		351870		351930		

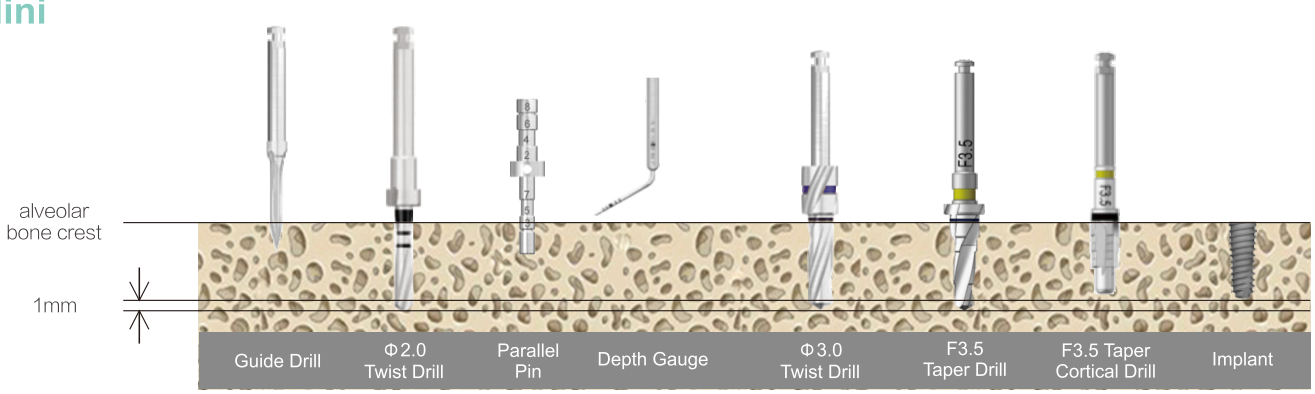
Lance Drill - Guide Drill	Sidecut Drill	Cortical Drill	Drill Extention	Parallel Pin	Hand Driver
351030 (Ø2.0x13)	351050 (Ø2.0x15)	351610 F3.5 351620 F4.0 351630 F4.5 351640 F5.0	351940 (Ø4.5x26.5)	352010 Ø4.0 352020 Ø5.0	353010 1.2S 353020 1.2L

Torque Driver	Mount Driver	Mount Extention	NoMount Driver	Fixture Driver	Removal Tool
353030 1.2S 353040 1.2L	354010 S 354020 L	354030 S 354040 L	355050 Mini 355060 Regular	355030 Mini 355040 Regular	355010 Mini 355020 Regular

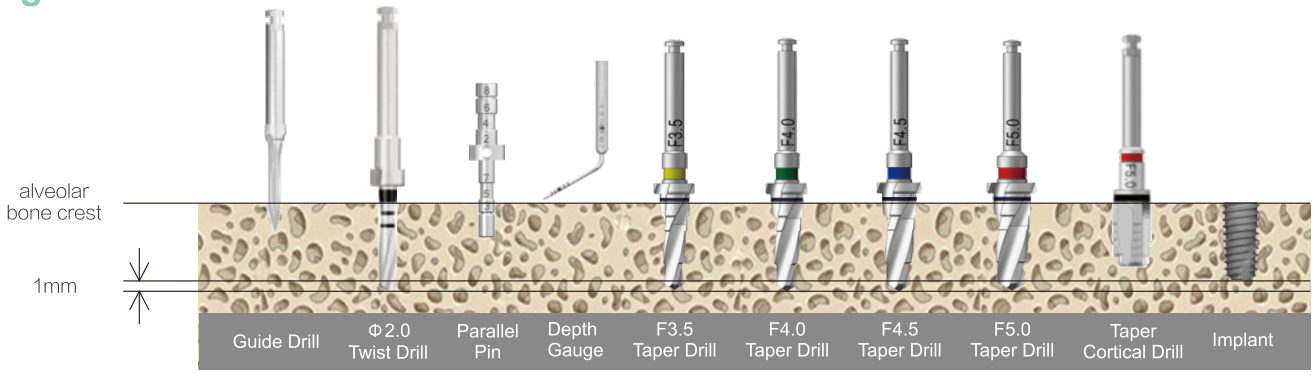
Torque Wrench	Depth Guage	Ratchet Wrench	Service Instrument for Ratchet
355110	352030	356010	356030

Surgery Procedure

Mini



Regular



Directions for use

1) It is an operation guideline for implanting implants in the up and down alveolar bone.
2) Using a lance drill pierce the cortical bone and determine the implant position.
3) Use the same length twist drill as the implant code. Accompany the drilling with irrigation andpumping in order to keep the heat down from friction.
4) After every twist drilling, use depth gauge check the hole depth and floor condition, use parallel pin check orientation.
5) Processing exclusive use taper drill for implant diameter and length (∅3.5 implant: F3.5, ∅4.0 implant: F3.5→F4.0,∅4.5 implant: F3.5→F4.0→F4.5, ∅5.0 implant: F3.5→F4.5→F5.0, ∅6.0 implant: F6.0,∅7.0 implant: F6.0→F7.0).
6) Use taper cortical drills for implant diameter and length after formation of final drill hole in case of more than hard bone.
7) Finally, the fixture is implanted.

Cautions

-When drilling, move the hand piece perpendicularly up and down in a pumping motion.
-To reduce the friction during drilling, provide ample cooling with pre-cooled (5 °C, 41 °F) sterile saline solution.
-The drilling speed must be maintained at 800—1000rpm, the Cortical drilling speed must be maintained at 300—400rpm, and the hole must be created in advance. Dental implant placement should be accomplished at very low speed (15 rpm) or manually.
-Recommended number of use: drill <50 times.
-Recommended number of use: driver <50 times, the maximum allowable torque of 1.2hex driver is 35Ncm.

Dental Implant System

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ISO 13485:2016 CE FDA MDSAP TGA CFDA