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In Ridge Expansion cases, please oversize your osteotomy and make sure that the crest diameter is equal to or larger than the implant major diameter.

In Hard Bone (Mandible), after Finishing the Full Osteotomy Preparation, Use the Next Larger Size Densah Bur to the 3mm Laser-Mark Depth to make sure the Osteotomy Crestal Diameter is Equal to or Larger than the Implant Major (Crestal) Diameter.

Use Densah Burs in full-step increments for Sinus Lift cases. Example: 2.0mm, 3.0mm, 4.0mm, 5.0mm



Use large block display to compare Bur identification system when using the schematic below for proper Bur usage

● VT5 Set ○ VT8 Set ● VS8 Set

Densifying Mode CCW (800-1500) RPMs / Cutting Mode CW (800-1500) RPMs																	
Zimmer Biomet			Trabecular Metal™ Dental Implant - Model TMT, Model TMM														
			Soft Bone						Hard Bone (Mandible)								
			In densifying mode make sure your osteotomy is 1.0 mm deeper than the actual implant final length. In extreme hard bone, utilize DAC (Densify After Cut) Protocol. Find protocol in IFU.														
Geometry	Major Ø	Minor Ø	Pilot	Bur 1	Bur 2	Bur 3	Bur 4	Densah® Bur Block Display	Pilot	Bur 1	Bur 2	Bur 3	Bur 4	Bur 5	Bur 6	Bur 7	Densah® Bur Block Display
Slow Taper	4.1	3.7	Pilot	VT1828 (2.3)	VT2838* (3.3)	—	—		Pilot	VT1828 (2.3)	VT2838 (3.3)	VS3238* (3.5)	—	—	—	—	
Slow Taper	4.7	4.2	Pilot	VT1525 (2.0)	VT2535 (3.0)	VT3545* (4.0)	—		Pilot	VT1525 (2.0)	VT2535 (3.0)	VT2838 (3.3)	VT3545 (4.0)	VT3848* (4.3)	—	—	
Slow Taper	6.0	5.6	Pilot	VT1828 (2.3)	VT2838 (3.3)	VT3848 (4.3)	VT4858* (5.3)		Pilot	VT1828 (2.3)	VT2838 (3.3)	VT3545 (4.0)	VT3848 (4.3)	VT4555 (5.0)	VT4858 (5.3)	VS5258* (5.5)	

*Denotes implant placement.

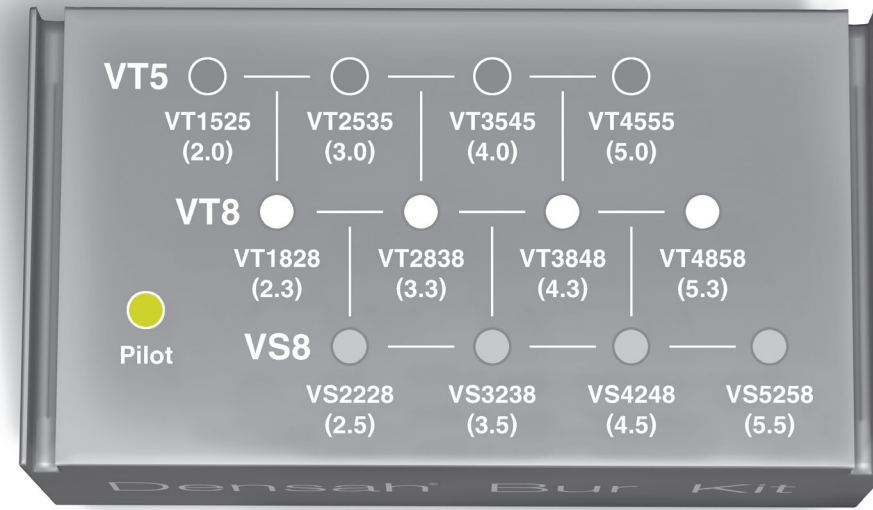
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● VT5 Set ○ VT8 Set ● VS8 Set

Densifying Mode CCW (800-1500) RPMs / Cutting Mode CW (800-1500) RPMs																	
Zimmer Biomet			Tapered Screw-Vent Implant - Model TSV														
			Soft Bone					Hard Bone (Mandible)									
								In densifying mode make sure your osteotomy is 1.0 mm deeper than the actual implant final length. In extreme hard bone, utilize DAC (Densify After Cut) Protocol. Find protocol in IFU.									
Geometry	Major Ø	Minor Ø	Pilot	Bur 1	Bur 2	Bur 3	Bur 4	Densah® Bur Block Display	Pilot	Bur 1	Bur 2	Bur 3	Bur 4	Bur 5	Bur 6	Bur 7	Densah® Bur Block Display
Taper	3.7	3.1	Pilot	VT1525 (2.0)	VT2535* (3.0)	—	—		Pilot	VT1525 (2.0)	VT2535 (3.0)	VT2838* (3.3)	—	—	—	—	
Taper	4.1	3.5	Pilot	VT1828 (2.3)	VT2838* (3.3)	—	—		Pilot	VT1828 (2.3)	VT2838 (3.3)	VS3238* (3.5)	—	—	—	—	
Taper	4.7	3.9	Pilot	VT1525 (2.0)	VT2535 (3.0)	VT3545* (4.0)	—		Pilot	VT1525 (2.0)	VT2535 (3.0)	VT2838 (3.3)	VT3545 (4.0)	VT3848* (4.3)	—	—	
Taper	6.0	5.2	Pilot	VT1828 (2.3)	VT2838 (3.3)	VT3848 (4.3)	VT4858* (5.3)		Pilot	VT1828 (2.3)	VT2838 (3.3)	VT3545 (4.0)	VT3848 (4.3)	VT4555 (5.0)	VT4858 (5.3)	VS5258* (5.5)	

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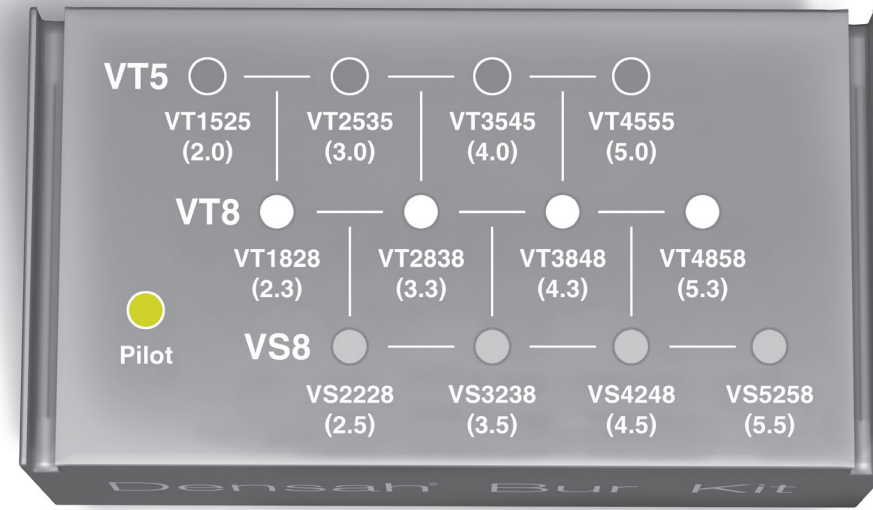
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● VT5 Set ○ VT8 Set ● VS8 Set

Densifying Mode CCW (800-1500) RPMs / Cutting Mode CW (800-1500) RPMs																		
Zimmer Biomet			One-Piece, MTX [®]															
			Soft Bone						Hard Bone (Mandible)									
									In densifying mode make sure your osteotomy is 1.0 mm deeper than the actual implant final length. In extreme hard bone, utilize DAC (Densify After Cut) Protocol. Find protocol in IFU.									
Geometry	Major Ø	Minor Ø	Pilot	Bur 1	Bur 2	Bur 3	Bur 4	Densah [®] Bur Block Display	Pilot	Bur 1	Bur 2	Bur 3	Bur 4	Bur 5	Bur 6	Bur 7	Densah [®] Bur Block Display	
Taper	3.5	3.0	Pilot	VT1525 (2.0)	VT2535* (3.0)	—	—		Pilot	VT1525 (2.0)	VT1828 (2.3)	VT2535* (3.0)	—	—	—	—	—	
Taper	4.5	3.7	Pilot	VT1525 (2.0)	VT2535 (3.0)	VT3545* (4.0)	—		Pilot	VT1525 (2.0)	VT1828 (2.3)	VT2535 (3.0)	VT2838 (3.3)	VT3545* (4.0)	—	—	—	
Taper	5.5	4.7	Pilot	VT1525 (2.0)	VT2535 (3.0)	VT3545 (4.0)	VT4555* (5.0)		Pilot	VT1525 (2.0)	VT1828 (2.3)	VT2535 (3.0)	VT2838 (3.3)	VT3545 (4.0)	VT3848 (4.3)	VT4555 (5.0)	—	

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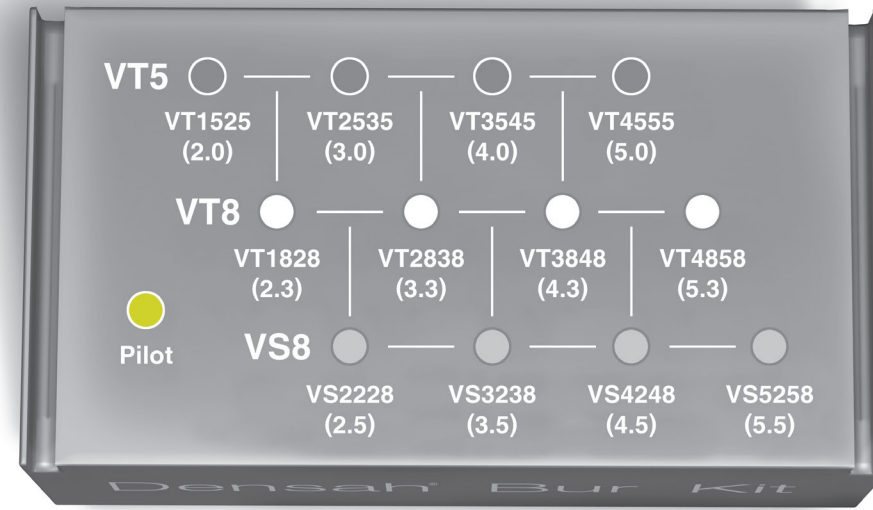
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● VT5 Set ○ VT8 Set ● VS8 Set

Densifying Mode CCW (800-1500) RPMs / Cutting Mode CW (800-1500) RPMs																		
Zimmer Biomet			NanoTite™, OSSEOTITE®, OSSEOTITE®2, T3® Parallel Walled With DCD®															
			Soft Bone						Hard Bone (Mandible)									
									In densifying mode make sure your osteotomy is 1.0 mm deeper than the actual implant final length. In extreme hard bone, utilize DAC (Densify After Cut) Protocol. Find protocol in IFU.									
Geometry	Major Ø	Minor Ø	Pilot	Bur 1	Bur 2	Bur 3	Bur 4	Densah® Bur Block Display	Pilot	Bur 1	Bur 2	Bur 3	Bur 4	Bur 5	Bur 6	Bur 7	Bur 8	Densah® Bur Block Display
Straight	3.4	2.4	Pilot	VT1525 (2.0)	VS2228* (2.5)	—	—		Pilot	VT1525 (2.0)	VT1828 (2.3)	VS2228* (2.5)	—	—	—	—	—	
Straight	4.1	2.6	Pilot	VT1828 (2.3)	VT2535* (3.0)	—	—		Pilot	VT1828 (2.3)	VT2535* (3.0)	—	—	—	—	—	—	
Straight	5.0	3.1	Pilot	VT1828 (2.3)	VT2838 (3.3)	VT3545* (4.0)	—		Pilot	VT1828 (2.3)	VT2535 (3.0)	VT2838 (3.3)	VT3545* (4.0)	—	—	—	—	
Straight	6.0	4.1	Pilot	VT1828 (2.3)	VT2838 (3.3)	VT3848 (4.3)	VT4555* (5.0)		Pilot	VT1828 (2.3)	VT2535 (3.0)	VT2838 (3.3)	VT3545 (4.0)	VT3848 (4.3)	VT4555* (5.0)	—	—	

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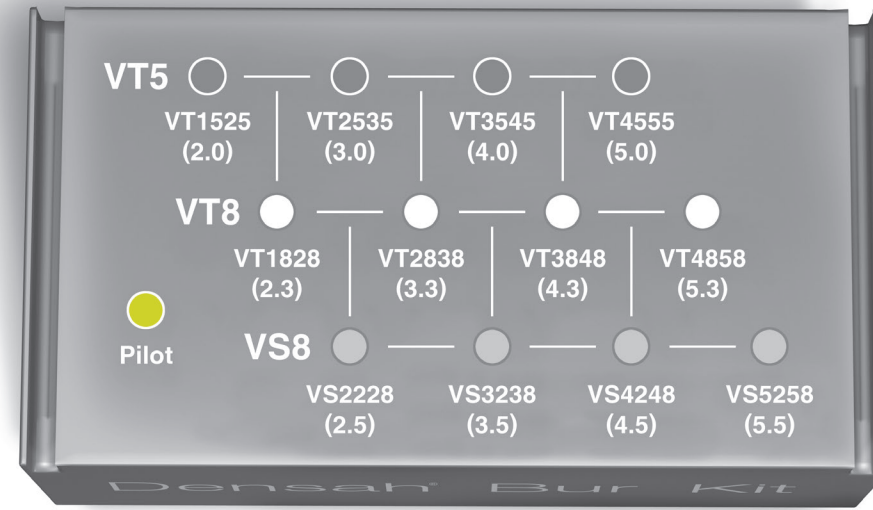
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● VT5 Set ○ VT8 Set ● VS8 Set

Densifying Mode CCW (800-1500) RPMs / Cutting Mode CW (800-1500) RPMs																		
Zimmer Biomet			T3 [®] Tapered With DCD [®] , NanoTite [™] Tapered, OSSEOTITE [®] Tapered															
			Soft Bone					Hard Bone (Mandible)										
			In densifying mode make sure your osteotomy is 1.0 mm deeper than the actual implant final length. In extreme hard bone, utilize DAC (Densify After Cut) Protocol. Find protocol in IFU.															
Geometry	Major Ø	Minor Ø	Pilot	Bur 1	Bur 2	Bur 3	Bur 4	Densah [®] Bur Block Display	Pilot	Bur 1	Bur 2	Bur 3	Bur 4	Bur 5	Bur 6	Bur 7	Bur 8	Densah [®] Bur Block Display
Taper	3.4	1.9	Pilot	VT1525 (2.0)	VS2228* (2.5)	—	—		Pilot	VT1525 (2.0)	VT1828 (2.3)	VS2228* (2.5)	—	—	—	—	—	
Taper	4.1	2.4	Pilot	VT1828 (2.3)	VT2535* (3.0)	—	—		Pilot	VT1828 (2.3)	VT2535* (3.0)	—	—	—	—	—	—	
Taper	5.0	3.2	Pilot	VT1828 (2.3)	VT2838 (3.3)	VT3545* (4.0)	—		Pilot	VT1828 (2.3)	VT2535 (3.0)	VT2838 (3.3)	VT3545* (4.0)	—	—	—	—	
Taper	6.0	3.9	Pilot	VT1828 (2.3)	VT2838 (3.3)	VT3848 (4.3)	VS4248* (4.5)		Pilot	VT1828 (2.3)	VT2535 (3.0)	VT2838 (3.3)	VT3545 (4.0)	VT3848 (4.3)	VT4555 (5.0)	—	—	

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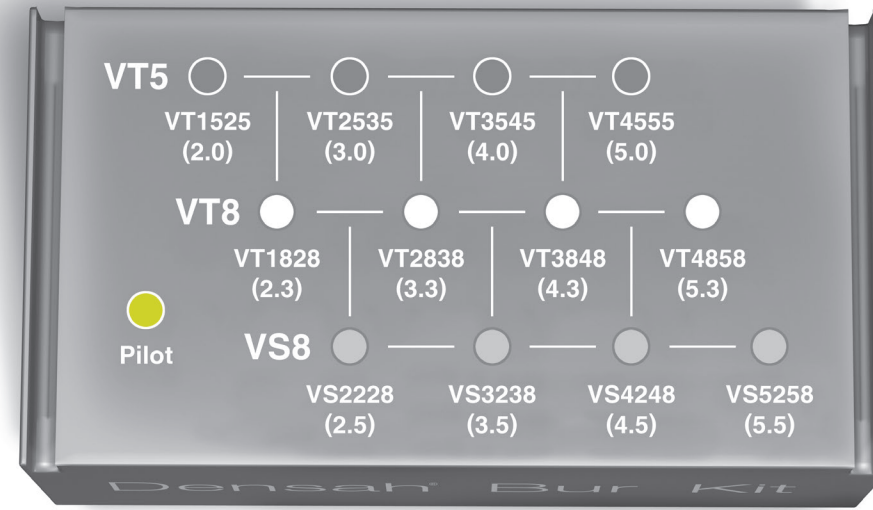
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Densifying Mode CCW (800-1500) RPMs / Cutting Mode CW (800-1500) RPMs

Zimmer Biomet			Tapered Screw-Vent, Tapered Screw-Vent with MTX Surface														
			Soft Bone						Hard Bone (Mandible)								
			In densifying mode make sure your osteotomy is 1.0 mm deeper than the actual implant final length. In extreme hard bone, utilize DAC (Densify After Cut) Protocol. Find protocol in IFU.														
Geometry	Major Ø	Minor Ø	Pilot	Bur 1	Bur 2	Bur 3	Bur 4	Densah® Bur Block Display	Pilot	Bur 1	Bur 2	Bur 3	Bur 4	Bur 5	Bur 6	Bur 7	Densah® Bur Block Display
Slow Taper	3.7	3.5	Pilot	VT1525 (2.0)	VT2535* (3.0)	—	—		Pilot	VT1525 (2.0)	VT2535 (3.0)	VT2838* (3.3)	—	—	—	—	
Slow Taper	4.1	3.5	Pilot	VT1828 (2.3)	VT2838* (3.3)	—	—		Pilot	VT1828 (2.3)	VT2838 (3.3)	VS3238* (3.5)	—	—	—	—	
Slow Taper	4.7	4.5	Pilot	VT1525 (2.0)	VT2535 (3.0)	VT3545* (4.0)	—		Pilot	VT1525 (2.0)	VT2535 (3.0)	VT2838 (3.3)	VT3545 (4.0)	VT3848* (4.3)	—	—	
Slow Taper	6.0	5.7	Pilot	VT1828 (2.3)	VT2838 (3.3)	VT3848 (4.3)	VT4858* (5.3)		Pilot	VT1828 (2.3)	VT2838 (3.3)	VT3545 (4.0)	VT3848 (4.3)	VT4555 (5.0)	VT4858 (5.3)	VS5258* (5.5)	

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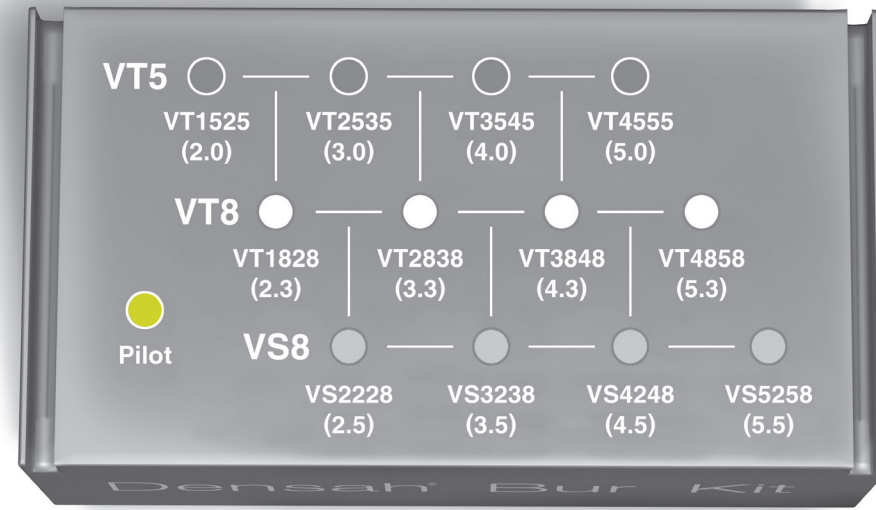
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Zimmer Biomet			Eztetic														
			Soft Bone						Hard Bone (Mandible)								
			In densifying mode make sure your osteotomy is 1.0 mm deeper than the actual implant final length. In extreme hard bone, utilize DAC (Densify After Cut) Protocol. Find protocol in IFU.														
Geometry	Major Ø	Minor Ø	Pilot	Bur 1	Bur 2	Bur 3	Bur 4	Densah® Bur Block Display	Pilot	Bur 1	Bur 2	Bur 3	Bur 4	Bur 5	Bur 6	Bur 7	Densah® Bur Block Display
	3.1		Pilot	VT1828 (2.3)	VS2228* (2.5)	—	—		Pilot	VT1828 (2.3)	VS2228 (2.5)	VT2535** (3.0)	—	—	—	—	

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(*) Only Take the Densah Bur to the (5mm Laser Mark) depth to slightly open up the crestal diameter to avoid any possible excessive crestal bone strain during implant placement.

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