

# TUFF™ UNICON

## CP | SINGLE-TOOTH DRILLING PROTOCOLS

### RECOMMENDED DRILL PROTOCOL

#### Straight and Step Drills

Drill Diameter [mm]	Ø1.9	Ø1.5	Ø2.0	Ø2.8	Ø3.2	Ø3.65	Ø4.2	Ø5.2	ØCS 5-6	
Drill Speed [RPM]	1200-1500	900-1200	900-1200	800-1000	500-700	400-700	400-600	400-600	400-600	
IMPLANT DIAMETER	Ø3.25	Soft Bone	[Down Arrow] → [Down Arrow]		[Down Arrow]					
		Hard Bone	[Down Arrow] → [Down Arrow]		[Down Arrow]	[Down Arrow]	1/3 [Down Arrow]			
	Ø3.5	Soft Bone	[Down Arrow] → [Down Arrow]		[Down Arrow]					
		Hard Bone	[Down Arrow] → [Down Arrow]		[Down Arrow]	[Down Arrow]	2/3 [Down Arrow]			
	Ø3.75	Soft Bone	[Down Arrow] → [Down Arrow]		[Down Arrow]					
		Hard Bone	[Down Arrow] → [Down Arrow]		[Down Arrow]	[Down Arrow]	2/3 [Down Arrow]			
	Ø4.2	Soft Bone	[Down Arrow] → [Down Arrow]		[Down Arrow]	[Down Arrow]	2/3 [Down Arrow]			[Down Arrow]
		Hard Bone	[Down Arrow] → [Down Arrow]		[Down Arrow]	[Down Arrow]	[Down Arrow]	1/3 [Down Arrow]		[Down Arrow]
	Ø5.0	Soft Bone	[Down Arrow] → [Down Arrow]		[Down Arrow]	[Down Arrow]	[Down Arrow]	[Down Arrow]	[Down Arrow]	1/3 [Down Arrow]
		Hard Bone	[Down Arrow] → [Down Arrow]		[Down Arrow]	[Down Arrow]	[Down Arrow]	[Down Arrow]	[Down Arrow]	1/3 [Down Arrow] → Ø5 [Down Arrow]
	Ø5.5	Soft Bone	[Down Arrow] → [Down Arrow]		[Down Arrow]	[Down Arrow]	[Down Arrow]	[Down Arrow]	[Down Arrow]	2/3 [Down Arrow] → 1/3 [Down Arrow]
		Hard Bone	[Down Arrow] → [Down Arrow]		[Down Arrow]	[Down Arrow]	[Down Arrow]	[Down Arrow]	[Down Arrow]	1/2 [Down Arrow]

  

[Down Arrow]	Drill to mark osteotomy site	[Down Arrow]	Drill osteotomy to implant	[Down Arrow]	Drill osteotomy partially according to implant	[Down Arrow]	Drill through crestal bone only
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▲ The recommended drill protocol procedure should not replace the dentist's/surgeon's judgment.

▲ The implants may be loaded for immediate function when good primary stability (above 35 Ncm) has been achieved and with appropriate occlusal loading.

### Drilling Protocol Legend



[Down Arrow]	Drill to mark osteotomy site	[Down Arrow]	Drill osteotomy to implant	[Down Arrow]	Drill osteotomy partially according to implant	[Down Arrow]	Drill through crestal bone only or with countersink to prepare the crest
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