

Subcrestal Tapered Implant Placement Protocol Quick Reference

*Certain® Internal And External Hex Connection Tapered Implants Using
Quad Shaping Drills (QSD's) And Tapered Implant
Depth/Direction Indicators (NTDI's)*



**Certain Internal
Connection System**

**External Hex
Connection System**

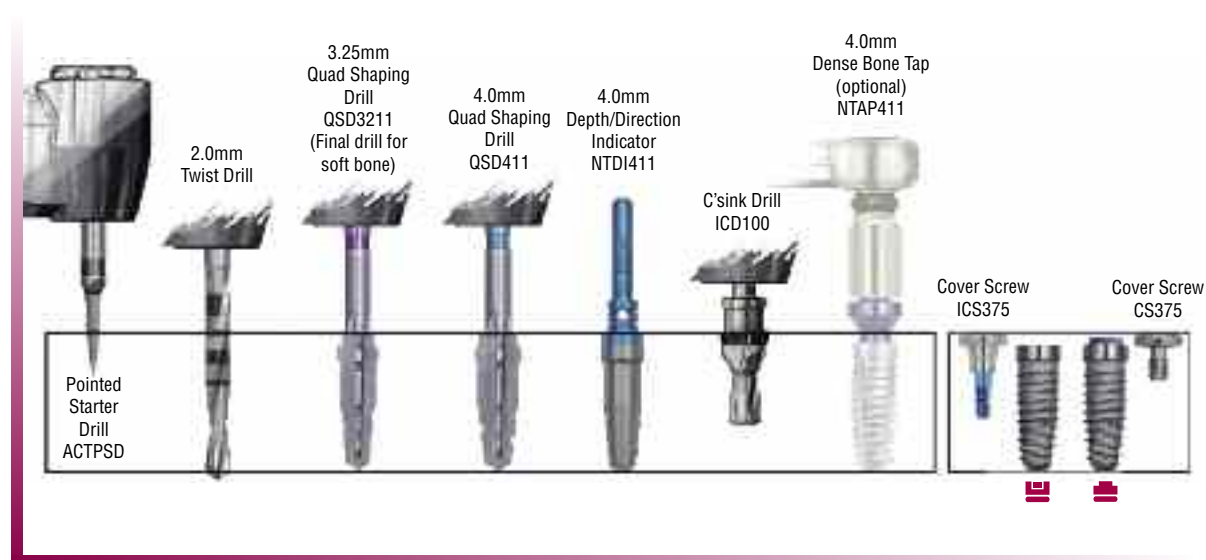
Subcrestal Tapered Implant Placement Protocol Quick Reference

NOTE: This brochure is intended to be used as a quick reference guide only. Please refer to the Surgical Manual (CATSM) for detailed surgical placement protocols and other information.

3.25mm x 11.5mm Certain® Internal And External Hex Connection Tapered Implants



4.0mm x 11.5mm Certain Internal And External Hex Connection Tapered Implants

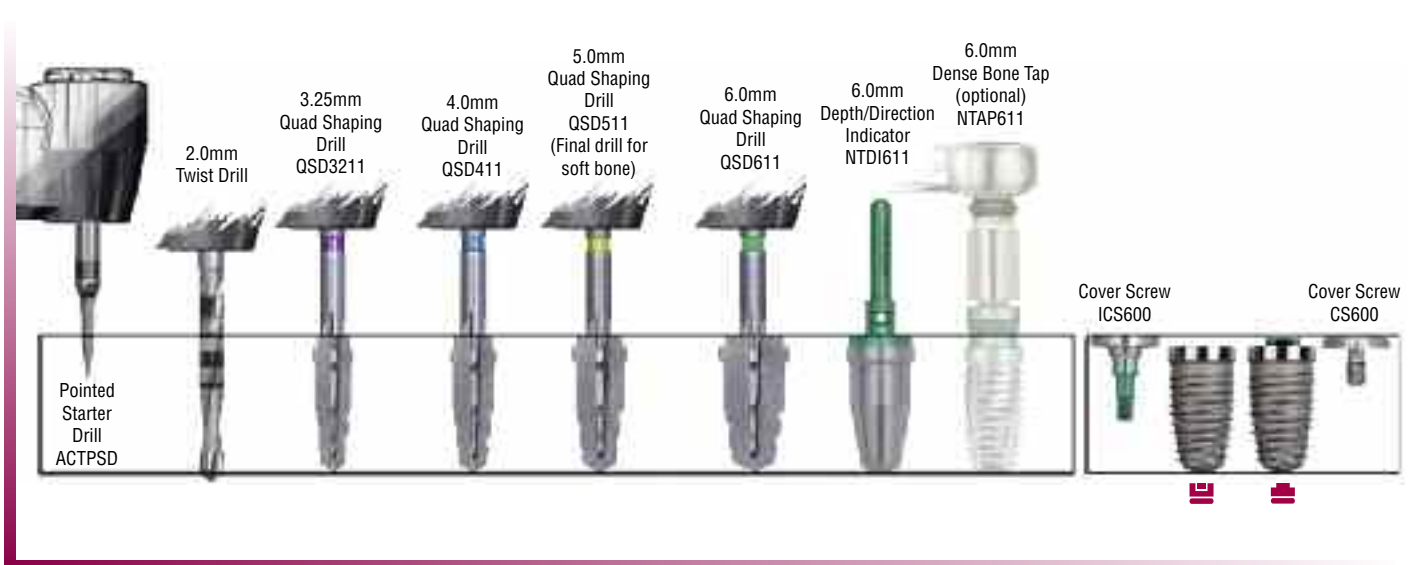


- NOTE:**
- The recommended drill speed for all drills is 1200–1500rpm.
 - The Quad Shaping Drills must be used without pumping actions.
 - The recommended implant placement speed is 15–20rpm.
 - The implant placement torque may exceed 50Ncm.
 - Tapping is recommended for implant placement in dense bone (Type I and II).
 - Undersizing the osteotomy by one shaping drill diameter is recommended for implant placement in soft bone (Type IV).
 - Hand-ratcheting may be necessary to fully seat the implant in the osteotomy.

5.0mm x 11.5mm Certain® Internal And External Hex Connection Tapered Implants



6.0mm x 11.5mm Certain Internal And External Hex Connection Tapered Implants



Additional Placement Protocol Considerations

**ACT® 2mm Twist Drill
Depth Marks**

15mm
13mm
11.5mm
10mm
8.5mm
7mm

Drill Tip Max .6mm

Depth Markings Comparison

Subcrestal
Crestal
Supracrestal

Gingival Depth Marks

Parallel Walled Cutting Flutes
Tapered Cutting Flutes
Apical End Cutting

ACT QSD NTDI

Depth landmarks on the QSD versus corresponding depth landmarks on the NTDI and depth marks on the ACT Drill for a 11.5mm length tapered implant.

Dense Bone Taps For Tapered Implants

3.25mm(D) 4.0mm(D) 5.0mm(D) 6.0mm(D)

NTAP32XX NTAP4XX NTAP5XX NTAP6XX

Tapping is recommended for implant placement in dense bone (Type I and II).



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