

Drilling Sequence **122 Taper Drill**
TSIII CA/SA/BA/HA | **SSIII** CA/SA/HA | **USIII** CA/SA
(Length : 10mm)

Ø3.5mm

| Bone Quality | Guide Drill | F3.5 Taper Drill | F4.0 Taper Drill | Ø 3.5 Fixture |
|--------------|-------------|------------------|------------------|-------------------|
| Soft | ▶ | | | |
| Normal | ▶ | ▶ | | Implant placement |
| Hard | ▶ | ▶ | ▶ | |

Ø5.0mm

| Bone Quality | Guide Drill | F3.5 Taper Drill | F4.5 Taper Drill | F5.0 Taper Drill | F5.5 Taper Drill | Ø 5.0 Fixture |
|--------------|-------------|------------------|------------------|------------------|------------------|-------------------|
| Soft | ▶ | | ▶ | | | |
| Normal | ▶ | ▶ | | ▶ | | Implant placement |
| Hard | ▶ | ▶ | | | ▶ | |

Ø4.0mm

| Bone Quality | Guide Drill | F3.5 Taper Drill | F4.0 Taper Drill | F4.5 Taper Drill | Ø 4.0 Fixture |
|--------------|-------------|------------------|------------------|------------------|-------------------|
| Soft | ▶ | ▶ | | | |
| Normal | ▶ | ▶ | ▶ | | Implant placement |
| Hard | ▶ | ▶ | | ▶ | |

Ø5.5mm

| Bone Quality | Guide Drill | F3.5 Taper Drill | F5.0 Taper Drill | F5.5 Taper Drill | F5.5 Taper Cortical Drill | Ø 5.5 Fixture |
|--------------|-------------|------------------|------------------|------------------|---------------------------|-------------------|
| Soft | ▶ | | ▶ | | | |
| Normal | ▶ | ▶ | | ▶ | | Implant placement |
| Hard | ▶ | ▶ | | ▶ | ▶ | |

Ø4.5mm

| Bone Quality | Guide Drill | F3.5 Taper Drill | F4.0 Taper Drill | F4.5 Taper Drill | F5.0 Taper Drill | Ø 4.5 Fixture |
|--------------|-------------|------------------|------------------|------------------|------------------|-------------------|
| Soft | ▶ | | ▶ | | | |
| Normal | ▶ | ▶ | | ▶ | | Implant placement |
| Hard | ▶ | ▶ | | | ▶ | |

F5.0 taper cortical drill marker : Drill to the bottom of the marker for fixture lengths ≥6mm, the middle for fixture lengths ≥7mm, and the top for ≥8.5mm
Recommended insertion torque : ≤40Ncm, for the TSIII/SSIII HA: ≤35Ncm (the HA coating can fracture and flake off when placed in hard bone)
TS fixture insertion depth : In normal/hard bone should be inserted 1mm subcrestal. In soft bone, it should be inserted at bone level for higher stability.

Drilling Sequence **Taper Drill**

TSIII CA/SA/BA/HA

SSIII CA/SA/HA

USIII CA/SA

(Length : 10mm)

Ø3.5mm

| Bone Quality | ø 2.2 Drill | ø 3.0 Drill | F3.5 Taper Drill | F3.5 Taper Cortical Drill | F3.5 Taper Fixture Tap | ø 3.5 Fixture |
|---------------|-------------|-------------|------------------|---------------------------|------------------------|---------------|
| Soft | ▶ | ▶ | | | | |
| Normal | ▶ | | ▶ | | | |
| Hard | ▶ | | ▶ | ▶ | | |
| Hard (Option) | ▶ | | ▶ | | ▶ | |

Implant placement

Ø4.0mm

| Bone Quality | ø 2.2 Drill | F3.5 Taper Drill | F4.0 Taper Drill | F4.0 Taper Cortical Drill | F4.0 Taper Fixture Tap | ø 4.0 Fixture |
|---------------|-------------|------------------|------------------|---------------------------|------------------------|---------------|
| Soft | ▶ | ▶ | | | | |
| Normal | ▶ | ▶ | ▶ | | | |
| Hard | ▶ | ▶ | ▶ | ▶ | | |
| Hard (Option) | ▶ | ▶ | ▶ | | ▶ | |

Implant placement

Ø4.5mm

| Bone Quality | ø 2.2 Drill | F3.5 Taper Drill | F4.0 Taper Drill | F4.5 Taper Drill | F4.5 Taper Cortical Drill | F4.5 Taper Fixture Tap | ø 4.5 Fixture |
|---------------|-------------|------------------|------------------|------------------|---------------------------|------------------------|---------------|
| Soft | ▶ | ▶ | ▶ | | | | |
| Normal | ▶ | ▶ | | ▶ | | | |
| Hard | ▶ | ▶ | | ▶ | ▶ | | |
| Hard (Option) | ▶ | ▶ | | ▶ | | ▶ | |

Implant placement

Ø5.0mm

| Bone Quality | ø 2.2 Drill | F3.5 Taper Drill | F4.5 Taper Drill | F5.0 Taper Drill | F5.0 Taper Cortical Drill | F5.0 Taper Fixture Tap | ø 5.0 Fixture |
|---------------|-------------|------------------|------------------|------------------|---------------------------|------------------------|---------------|
| Soft | ▶ | ▶ | ▶ | | | | |
| Normal | ▶ | ▶ | ▶ | ▶ | | | |
| Hard | ▶ | ▶ | ▶ | ▶ | ▶ | | |
| Hard (Option) | ▶ | ▶ | ▶ | ▶ | | ▶ | |

Implant placement

Ø5.5mm

| Bone Quality | ø 2.2 Drill | F3.5 Taper Drill | F4.5 Taper Drill | F5.5 Taper Drill | F5.5 Taper Fixture Tap | ø 5.5 Fixture |
|--------------|-------------|------------------|------------------|------------------|------------------------|---------------|
| Soft | ▶ | ▶ | ▶ | | | |
| Normal | ▶ | ▶ | ▶ | ▶ | | |
| Hard | ▶ | ▶ | ▶ | ▶ | ▶ | |

Implant placement

F5.0 taper cortical drill marker : Drill to the bottom of the marker for fixture lengths ≥6mm, the middle for fixture lengths ≥7mm, and the top for ≥8.5mm

Recommended insertion torque : ≤40Ncm, for the TSIII/SSIII HA: ≤35Ncm (the HA coating can fracture and flake off when placed in hard bone)

TS fixture insertion depth : In normal/hard bone should be inserted 1mm subcrestal. In soft bone, it should be inserted at bone level for higher stability.

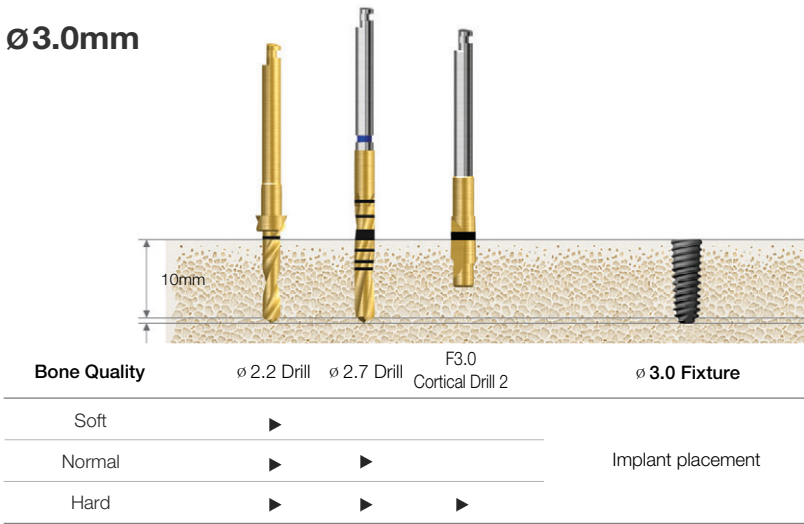
The fixture tap should used for hard bone. Recommended speed is 25rpm or hand torque using a mount extension and torque wrench. (F5.0 fixture tap, the bottom of the marker is fixture lengths ≤7mm and the top of the marker is for ≥8.5mm).

Drilling Sequence **Straight Drill**

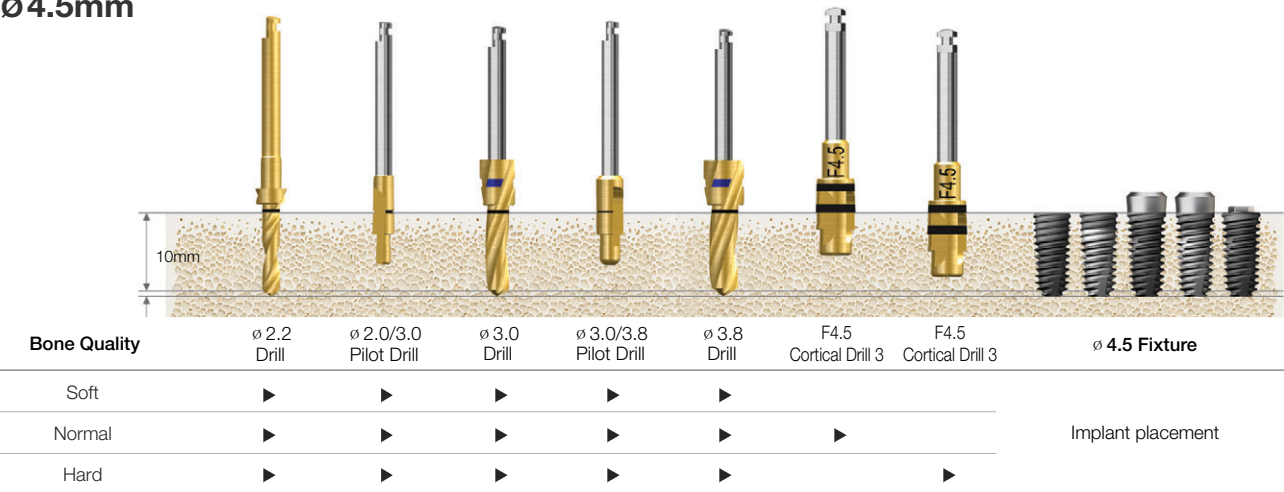
TSIII CA/SA/BA/HA | **SSIII** CA/SA/HA | **USIII** CA/SA
(Length : 10mm)

Recommended insertion torque : ≤40Ncm, for the TSIII/SSIII HA: ≤35Ncm (the HA coating can fracture and flake off when placed in hard bone)
TS fixture insertion depth : In normal/hard bone, it should be inserted 1mm subcrestal. In soft bone, it should be inserted at bone level for higher stability.

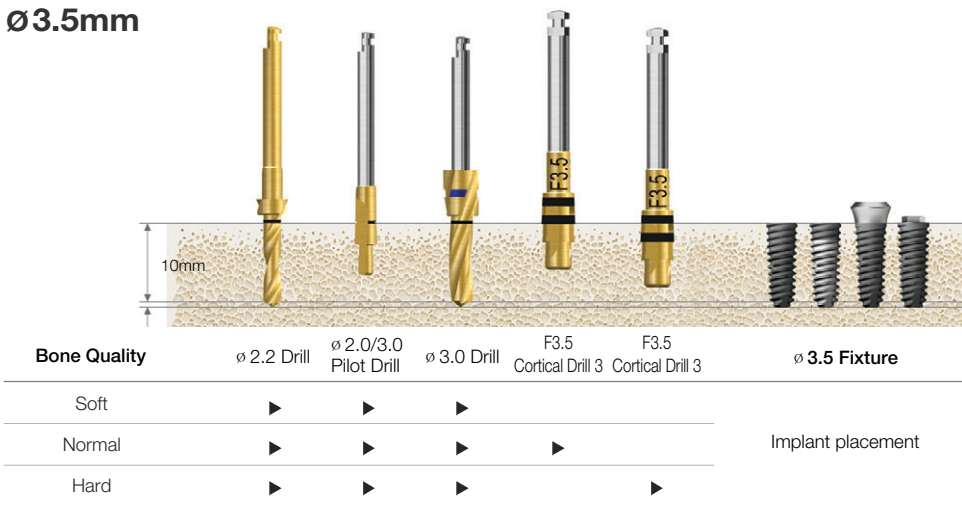
Ø3.0mm



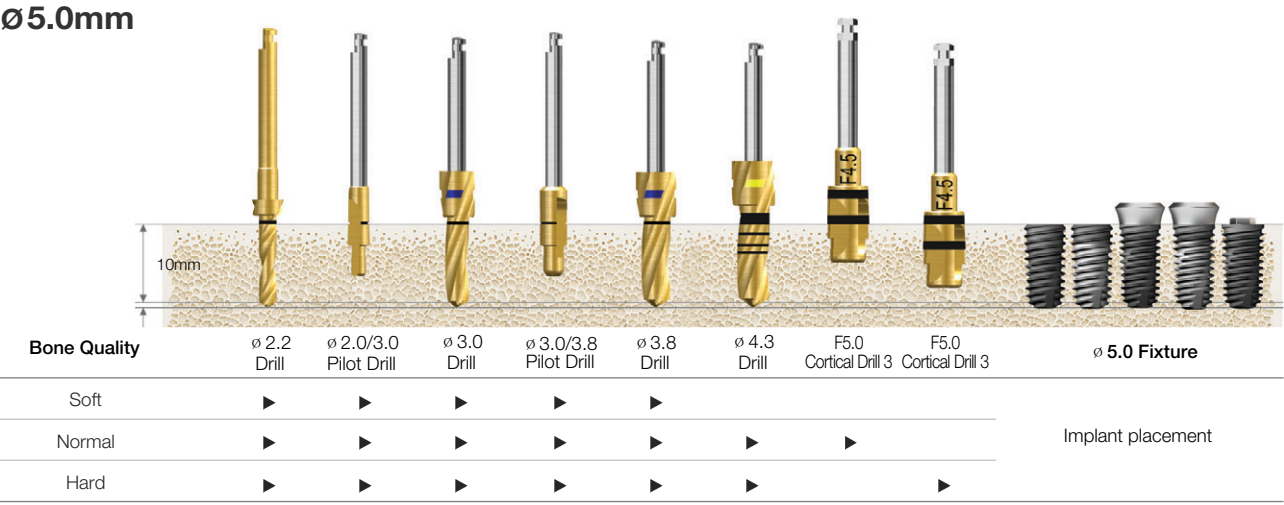
Ø4.5mm



Ø3.5mm



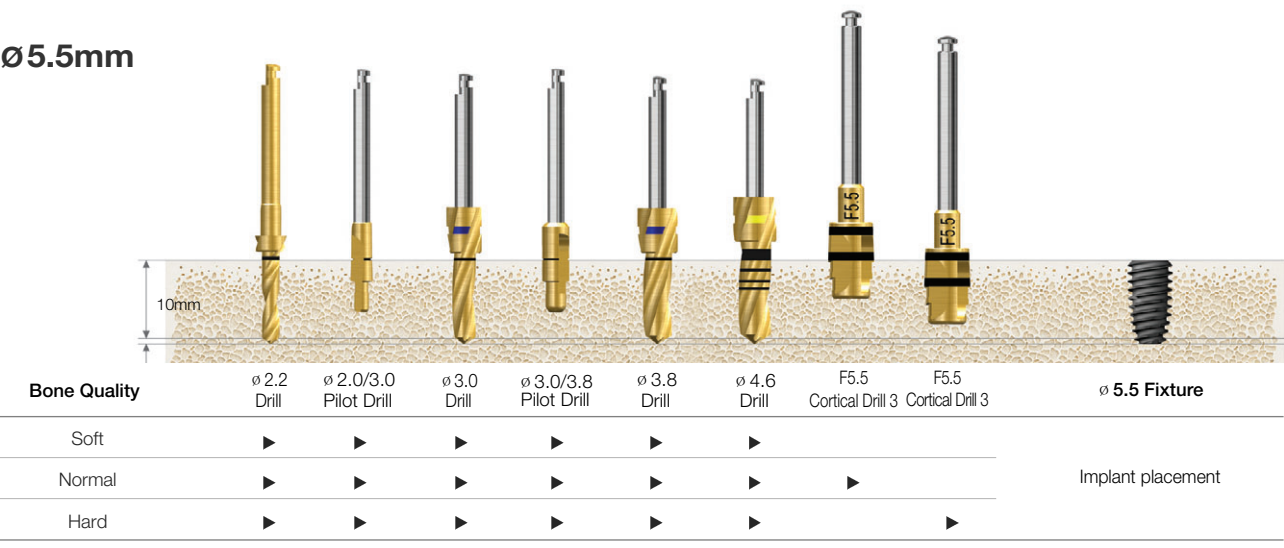
Ø5.0mm



Ø4.0mm



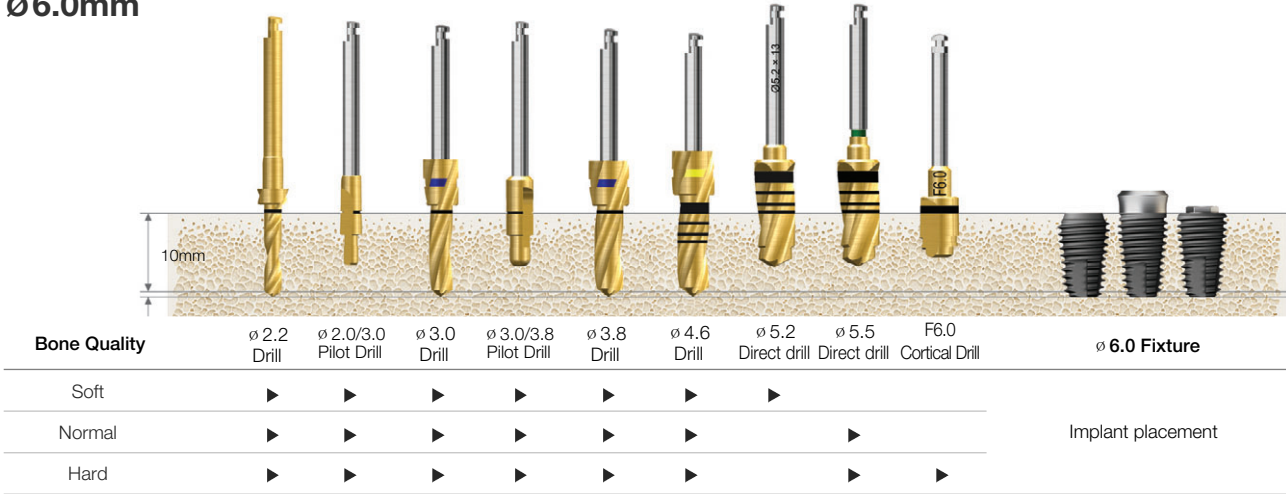
Ø5.5mm



Drilling Sequence **Straight Drill**

TSIII Ultre-wide CA/SA | **SSIII Ultre-wide** CA/SA | **USIII Ultre-wide** CA/SA (Length : 10mm)

Ø6.0mm



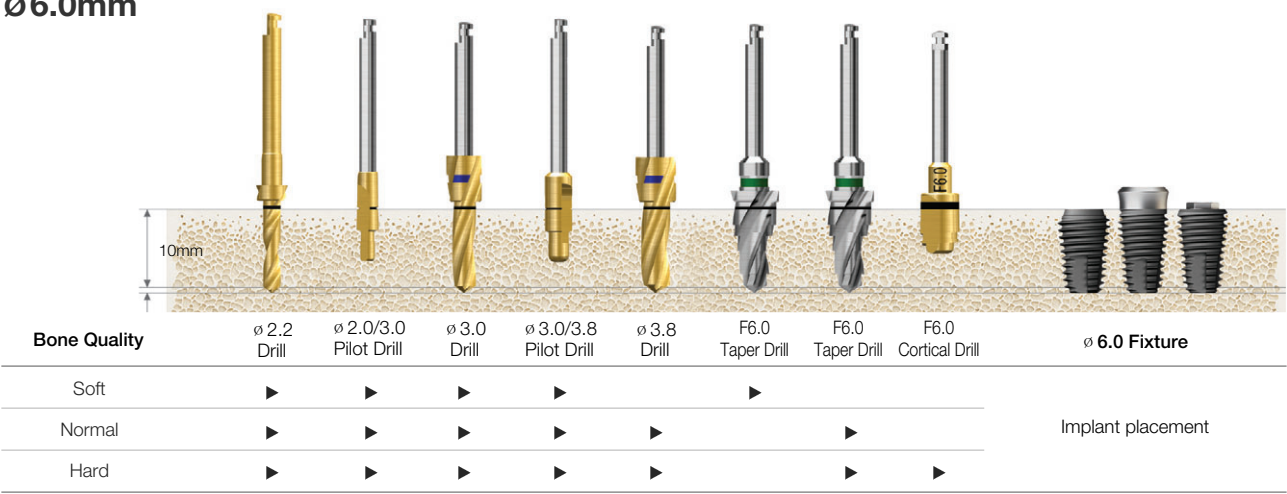
Ø7.0mm



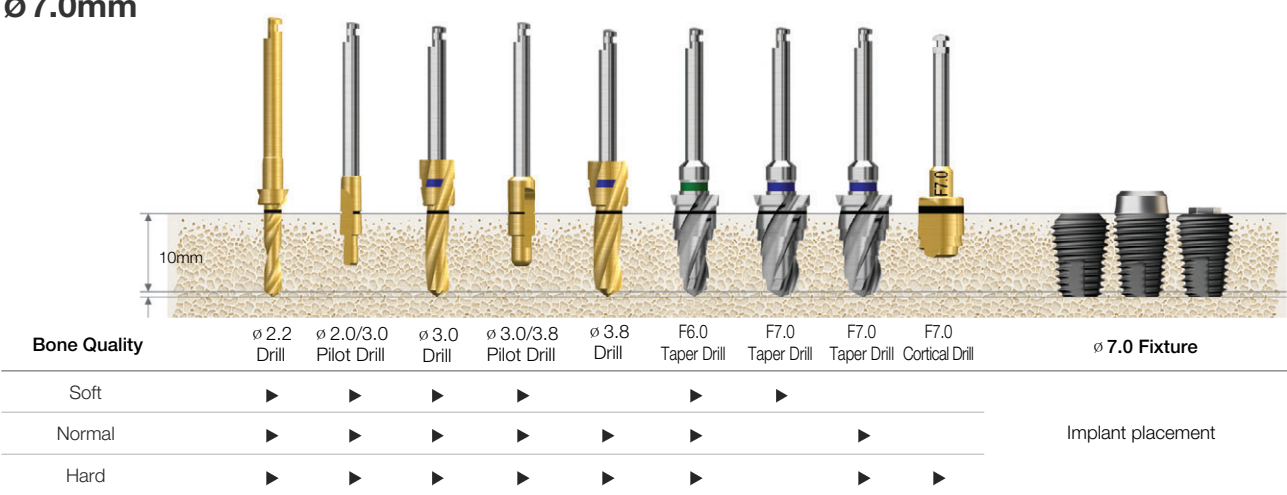
Drilling Sequence **Taper Drill**

TSIII Ultre-wide CA/SA | **SSIII Ultre-wide** CA/SA | **USIII Ultre-wide** CA/SA (Length : 10mm)

Ø6.0mm



Ø7.0mm



Recommended insertion torque : ≤40Ncm
※Recommend reducing the insertion speed to 15rpm or lower, due to the TSIV/USIV aggressive threads.

Recommended insertion torque: ≤40Ncm
TS fixture insertion depth: In normal/hard bone, the implant should be placed 1mm subcrestal. In soft bone, it should be inserted at bone level for higher stability.