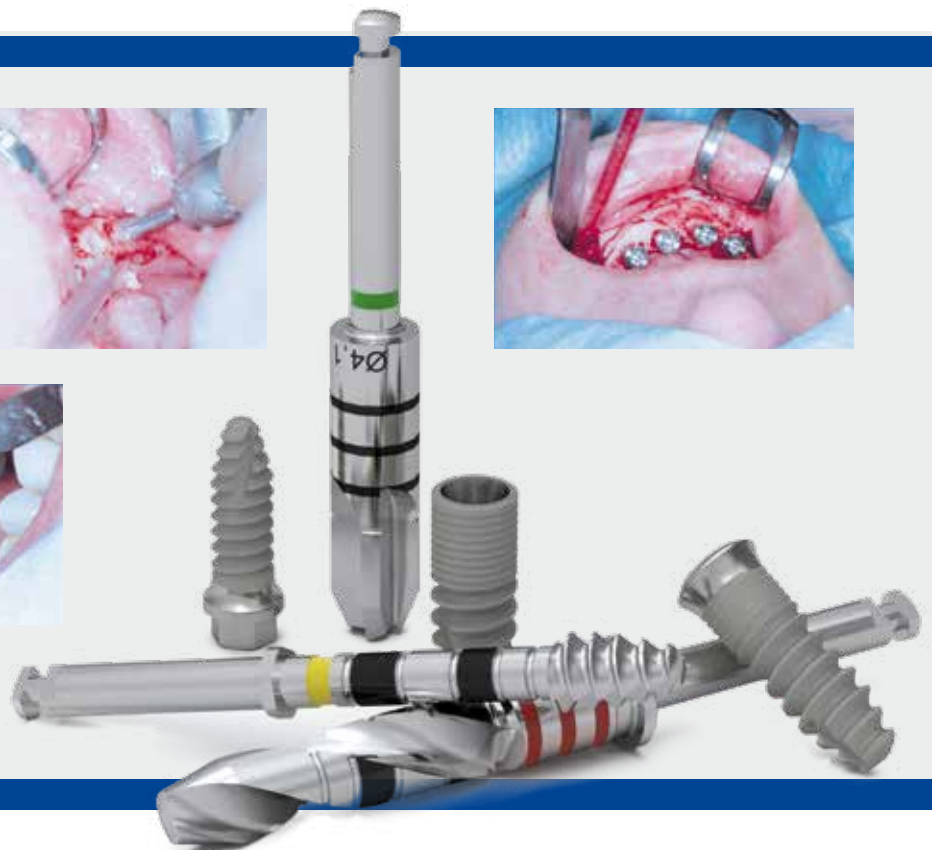
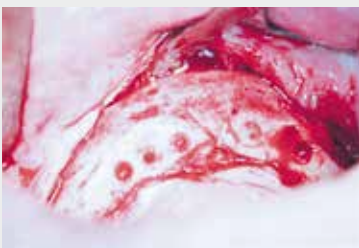


ICX

THE FAIR
PREMIUM
IMPLANT-
SYSTEM.

September 2022/01

ICX-SURGERY MANUAL 8.0



... optimised surgical protocol
for ICX implants ...

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medentis[®]
medical

ICX-SHOP!



BE SMART. BE ICX.



DISCOVER THE ICX-DIFFERENCE.






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medical

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Explanation of the colour coding of the ICX drills

ICX-TL drills for implant diameter **3.45** belong to the **YELLOW** colour scheme.
Drills have yellow colour bands subject to the bone quality (very soft, soft, hard).

-  1 yellow band for very soft bone D4
-  2 yellow bands for soft/medium hard bone D3/D2
-  3 yellow bands for hard bone D1






ICX-PREMIUM drills for implant diameter **3.75** belong to the **RED** colour scheme.
Drills have red colour bands subject to the bone quality (very soft, soft, hard).

-  1 red band for very soft bone D4
-  2 red bands for soft/medium hard bone D3/D2
-  3 red bands for hard bone D1






ICX-PREMIUM drills for implant diameter **4.1** belong to the **GREEN** colour scheme.
Drills have green colour bands subject to the bone quality (very soft, soft, hard).

-  1 green band for very soft bone D4
-  2 green bands for soft/medium hard bone D3/D2
-  3 green bands for hard bone D1



ICX-PREMIUM drills for implant diameter **4.8** belong to the **BLUE** colour scheme.
Drills have blue colour bands subject to the bone quality (very soft, soft, hard).

-  1 blue band for very soft bone D4
-  2 blue bands for soft/medium hard bone D3/D2
-  3 blue bands for hard bone D1

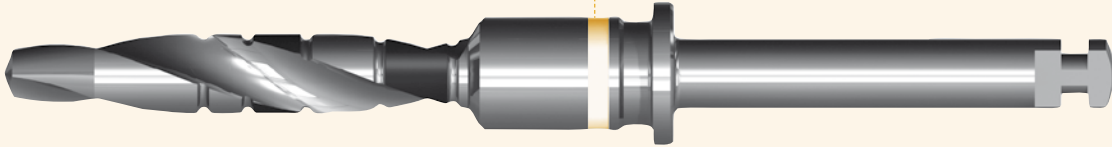


Explanation of the colour coding of the ICX drills

Ø
3.45mm

Colour coding example:

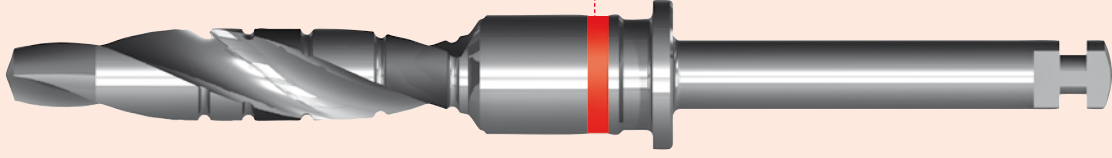
Yellow = 3.45 implant diameter
1 yellow band = drill for very soft bone D4



Ø
3.75mm

Colour coding example:

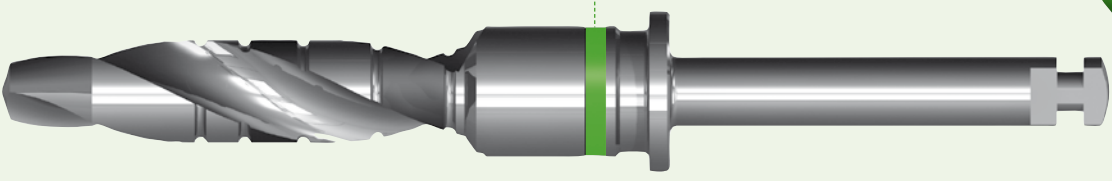
Red = 3.75 implant diameter
1 red band = drill for very soft bone D4



Ø
4.1mm

Colour coding example:

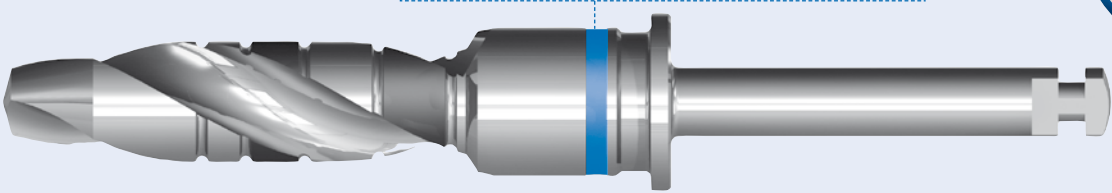
Green = 4.1 implant diameter
1 green band = drill for very soft bone D4



Ø
4.8mm

Colour coding example:

Blue = 4.8 implant diameter
1 blue band = drill for very soft bone D4



Explanation of the colour coding of the **ICX-MINI® – Ø 2.9mm drills**

ICX-MINI drills for implant diameter 2.9 belong to the **WHITE** colour scheme.

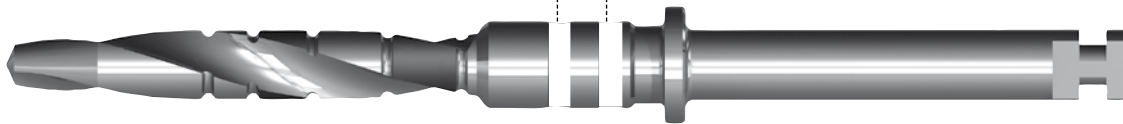
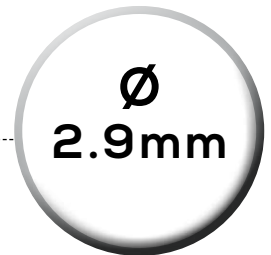
ICX MINI drills have white colour bands subject to the bone quality (very soft, soft, hard).

- ☐ 2 white bands for very soft to medium hard bone D4 to D2 oder D4, D3 and D2
- ☐ 3 white bands for hard bone D1

Colour coding example:

White = 2,9 implant diameter

2 white bands = drill for soft to medium-hard bone D4/D3/D2



Important:

The ICX-MINI implant with a 2.9 mm diameter is designed for the use with ball abutments from the t-ecco system.

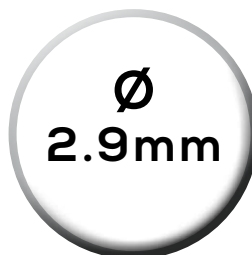
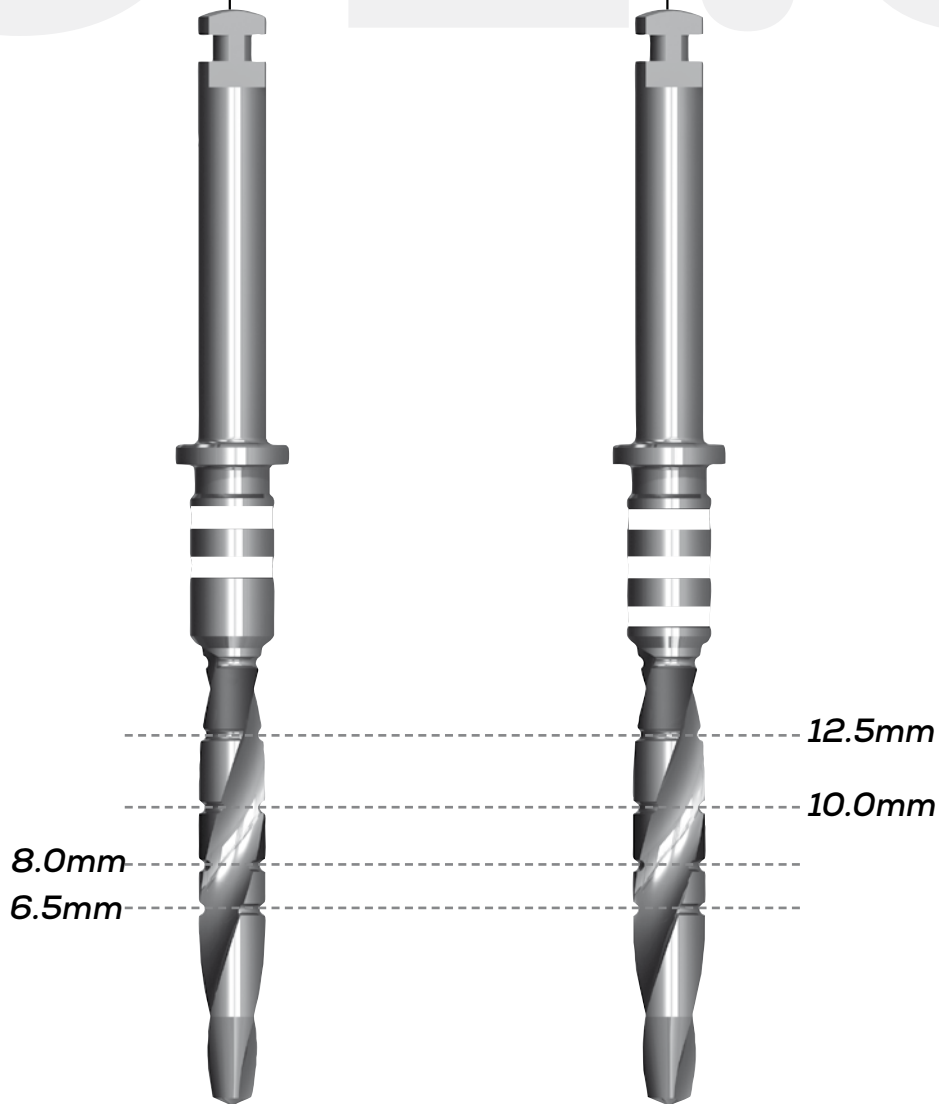
Its use to support other prosthetics than the t-ecco system is only indicated in a very limited number of circumstances.



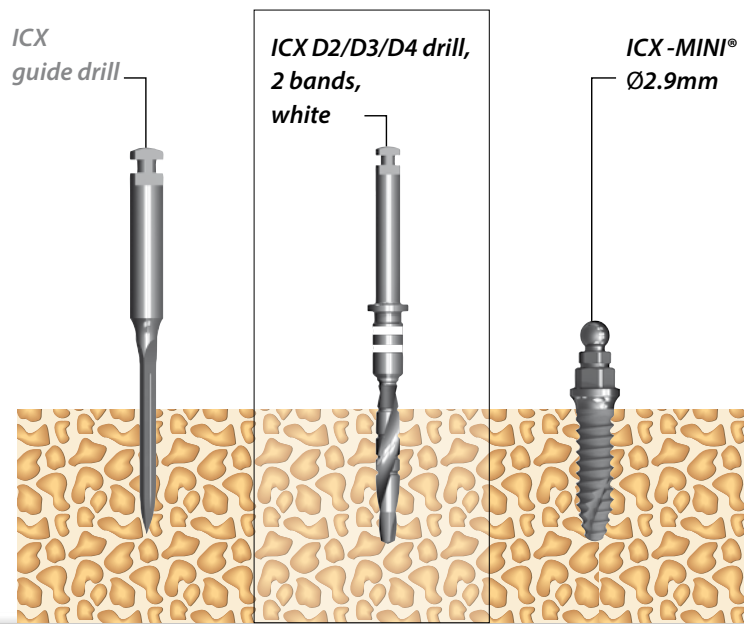
Surgical procedure for **ICX-MINI® Ø 2.9mm**

Two bands:
Drills for very soft
to medium hard bone,
D2/D3/D4

Three bands:
Drills for
hard bone,
D1



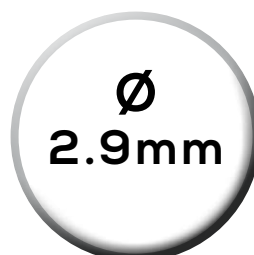
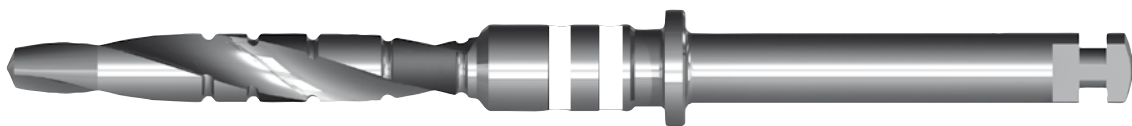
D2/D3/D4 drilling sequence for **ICX-MINI® Ø 2.9mm**



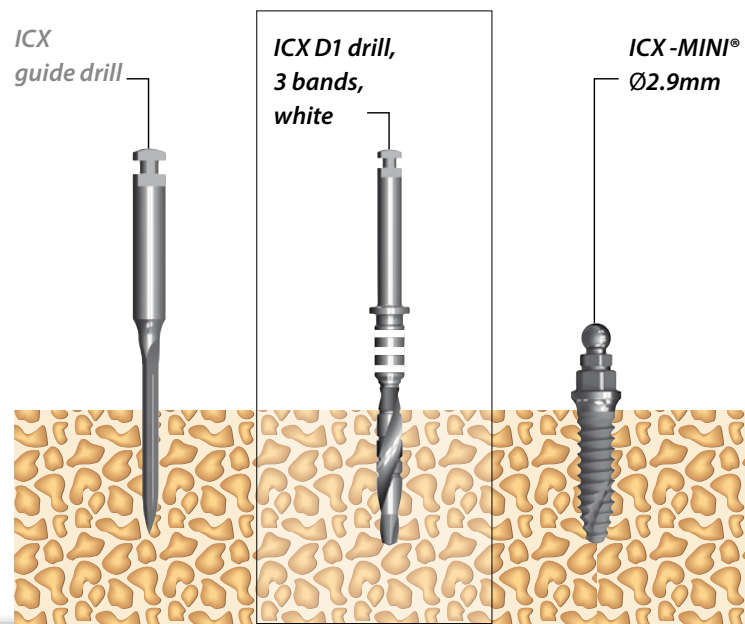
Drilling sequence for very soft to medium hard bone.

Please use drills with 2 bands only.

Note: Drills for very soft to medium hard bone D2/D3/D4 are labeled with 2 white bands



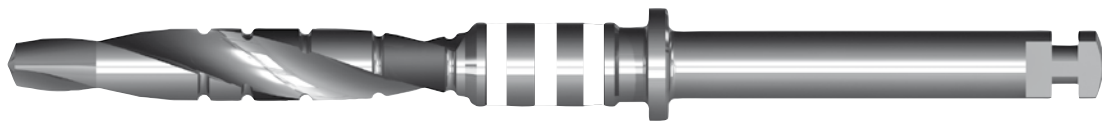
D1 drilling sequence for **ICX-MINI®** Ø 2.9mm



Drilling sequence for hard bone.

Please use drills with 3 bands only.

Note: Drills for hard bone D1,
are labeled with 3 white bands



Important note for the prosthetic restoration of all **ICX Tissue Level (TL) implants**

Special feature of all ICX-TL implants

Both the open and closed impression posts fit ICX and ICX-TL implants. Only the manipulation implants differ.

Especially with very low mucosa height, it is imperative, that the dental technician is informed which implant is an ICX-TL implant.

We recommend that the dental technician is always informed whether the implant is ICX or Tissue Level (TL) implants are involved.

(This is not mandatory. The prosthetic parts fit both ICX and ICX-TL implants. ICX-TL implants).

We have developed the straight titanium abutment with 0 mm mucosa height especially for ICX-TL. This only fits ICX-TL implants - all other prosthetic parts fit ICX and ICX-TL implants.

ICX-SHOP!



BE SMART. BE ICX.



Important note + Important note!

Important note for the prosthetic restoration of all ICX Tissue Level (TL) implants




ICX-Ø 3.3mm BL (Bone Level)
Ø 3.3mm

Art.-No.: N-006-010003



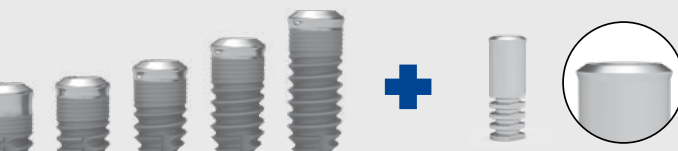
ICX-Ø 3.3mm TL (Tissue Level)
Ø 3.3mm

Art.-No.: N-006-010008



ICX-BL (Bone Level)
Ø 3.75 · Ø 4.1 · Ø 4.8mm

Art.-No.: C-006-010001



ICX-TL (Tissue Level)
Ø 3.45 · Ø 3.75 · Ø 4.1 · Ø 4.8mm

Art.-No.: C-006-010008

Dear customers,

Please note the two different platforms of the BL and TL implants. Select the BL and TL laboratory analogs accordingly. This is important if the prosthetics later have to touch the different platforms of the implants due to the low emergence profile. different platforms of the implants (GH 0mm).

Your medentis team

Important note + Important note!

Surgical procedure for **ICX-TL Ø 3.45mm**

Drill for
very soft bone

D4

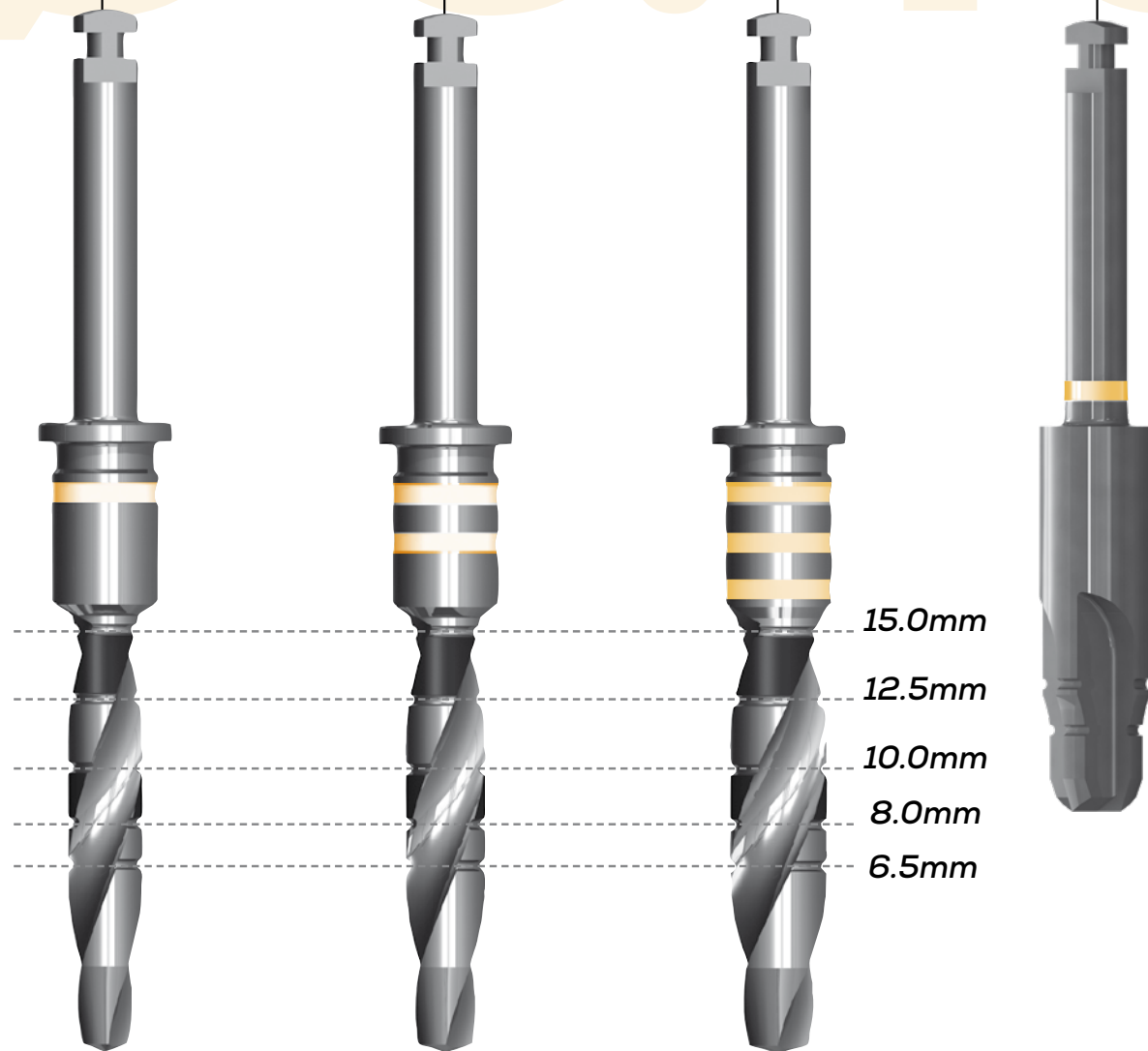
Drill for soft/
medium-hard bone

D3/D2

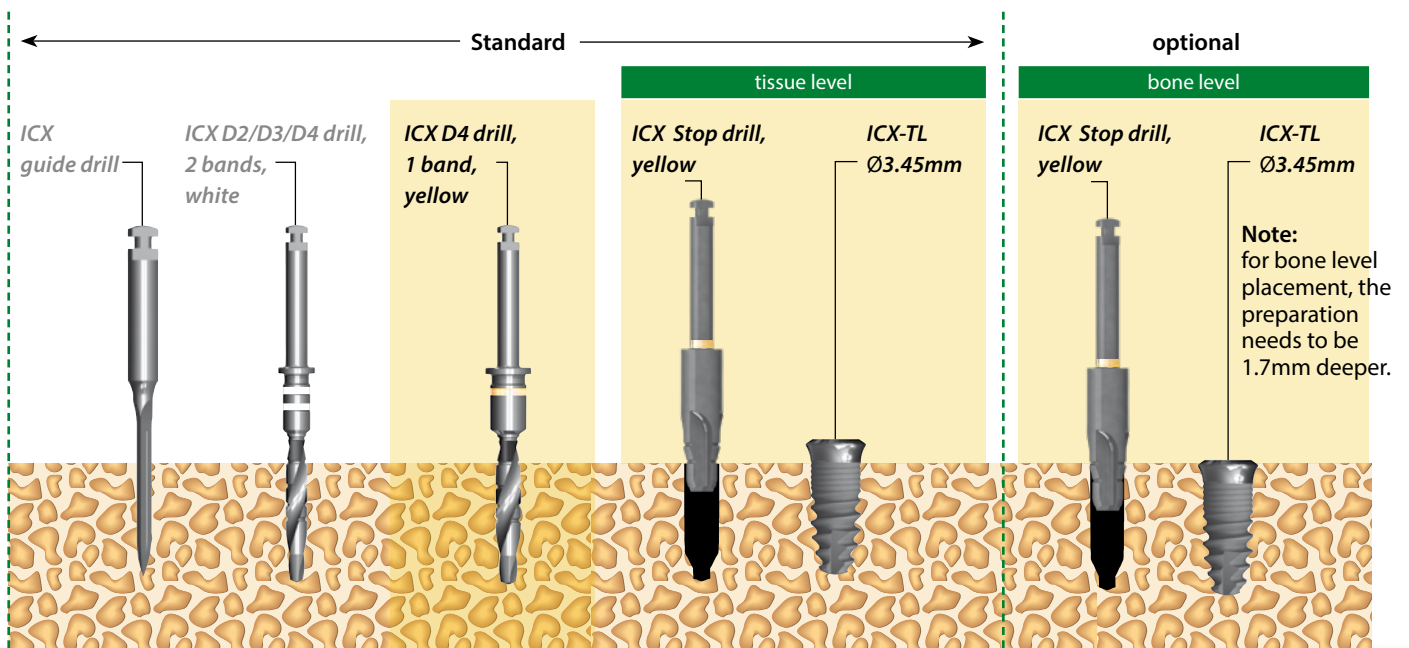
Drill for
hard bone

D1

ICX stop drill
(mandatory use)



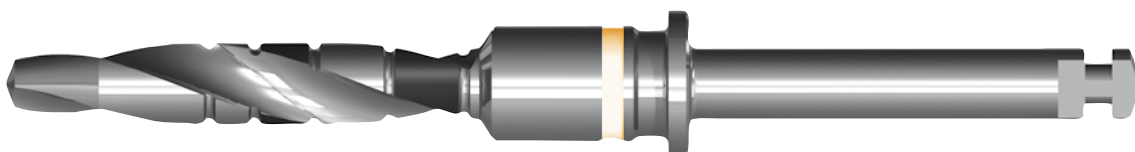
D4 drilling sequence for ICX-TL Ø 3.45mm



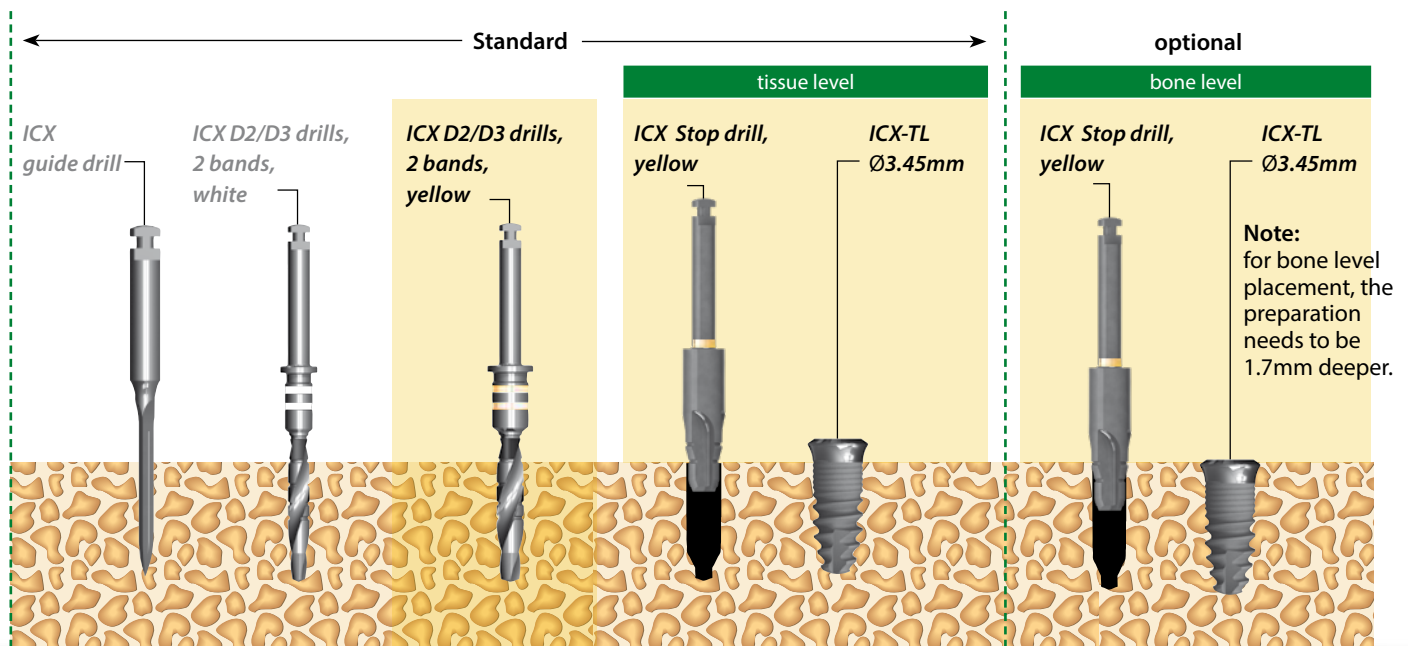
Drilling sequence for very soft bone

Please use drills with 1 colour band only.

Note: Drills for very soft bone D4, are labeled with 1 yellow band



D2/D3 drilling sequence for ICX-TL Ø 3.45mm



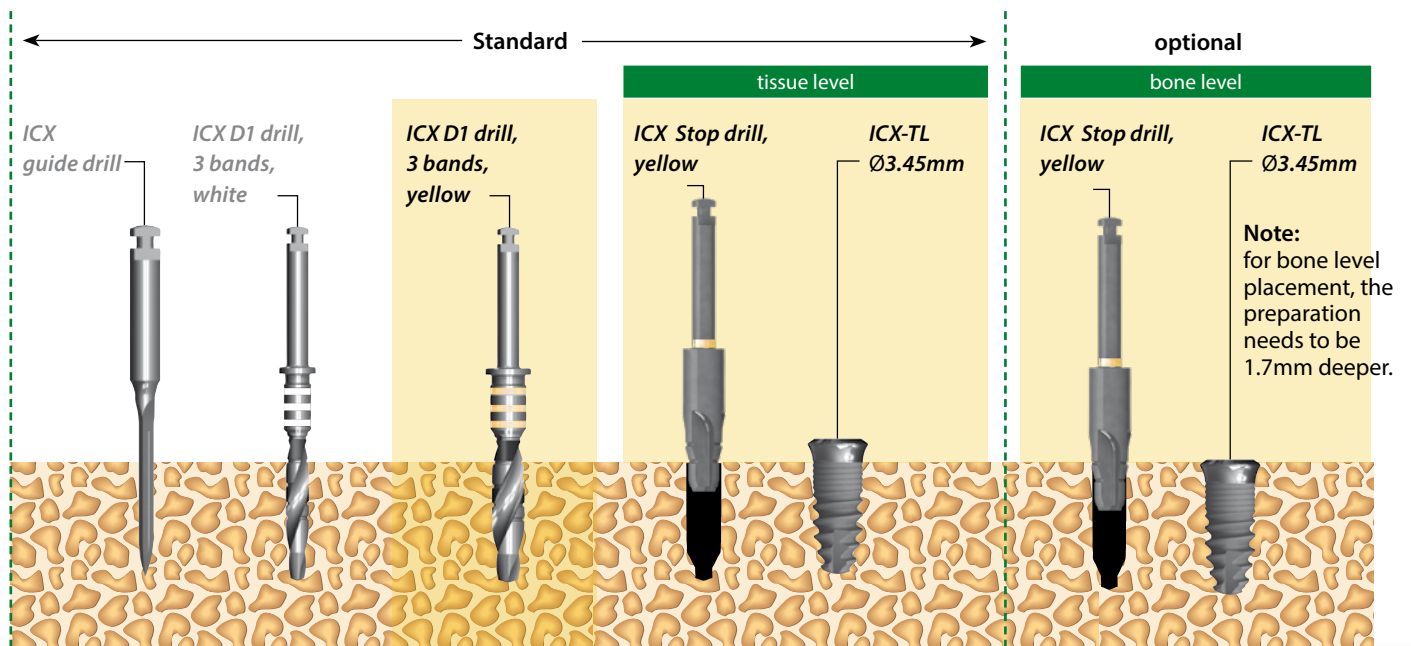
Drilling sequence for soft to medium hard bone

Please use drills with 2 colour bands only.

Note: Drills for soft/medium-hard bone D2/D3, are labeled with **2 yellow bands**



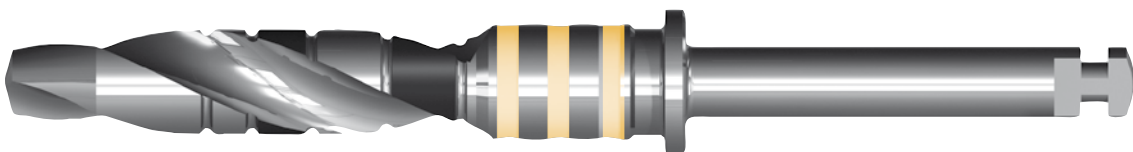
D1 drilling sequence for ICX-TL Ø 3,45mm



Drilling sequence for hard bone

Please use drills with 3 colour bands only.

Note: Drills for hard bone D1, are labeled with 3 yellow bands



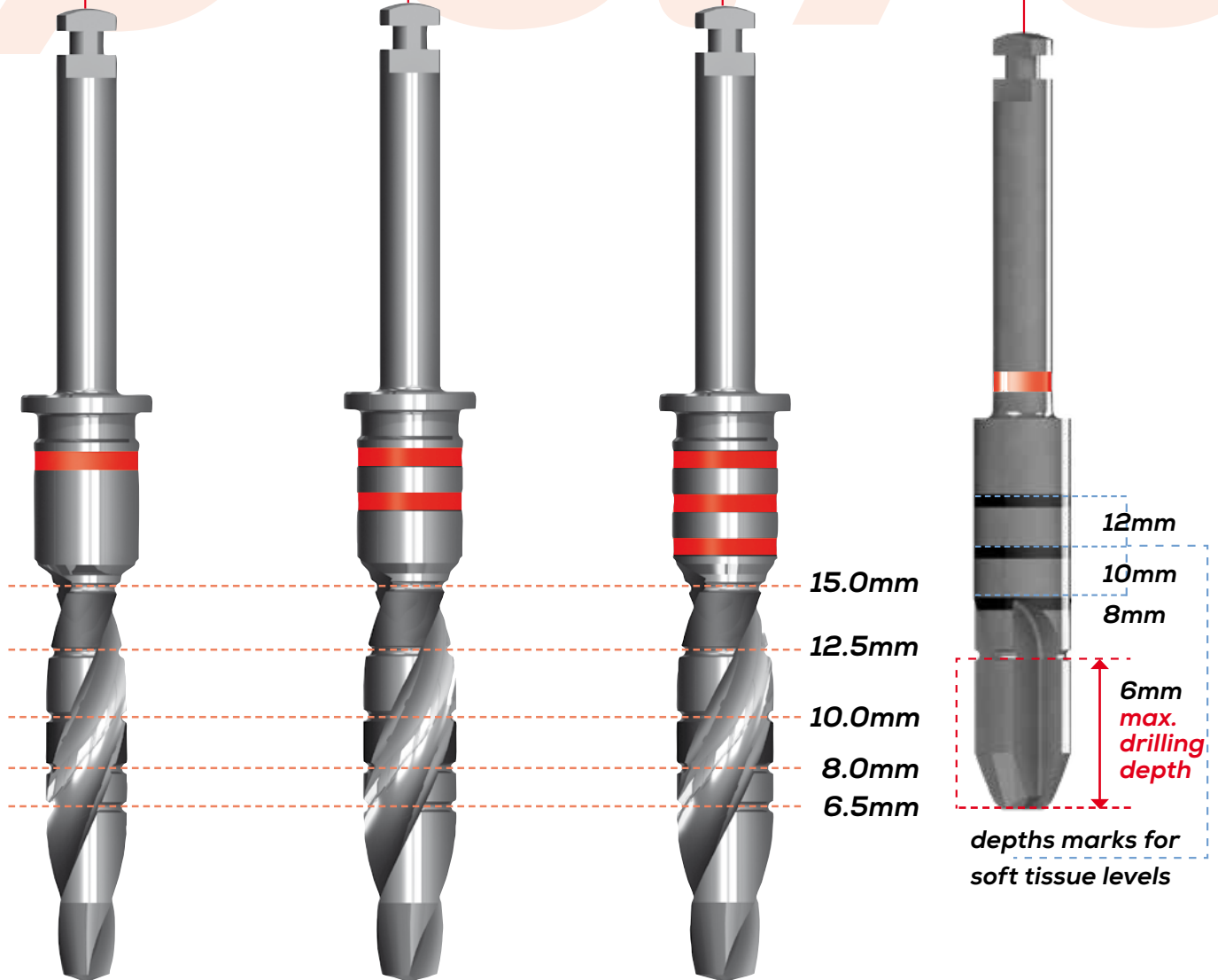
Surgical procedure for ICX-PREMIUM Ø 3.75mm

Drill for
very soft bone,
D4

Drill for soft/
medium-hard bone,
D3/D2

Drill for
hard bone
D1

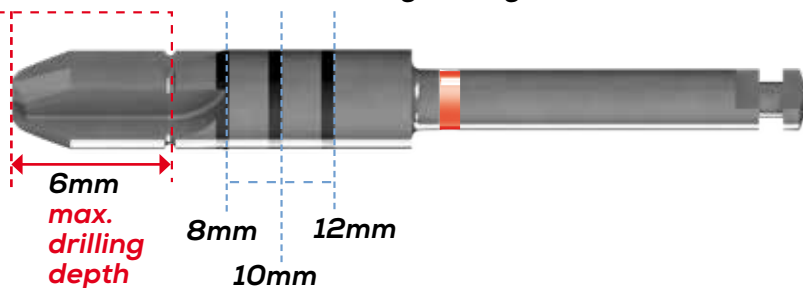
ICX stop drill,
(mandatory use)



The drilling depth should be between 1 to 6 mm depending on the thickness of the cortical bone.

The black depths marks are placed at 8, 10 and 12mm from the tip of the drill and are an aid to help to estimate the soft tissue levels intraoperatively.

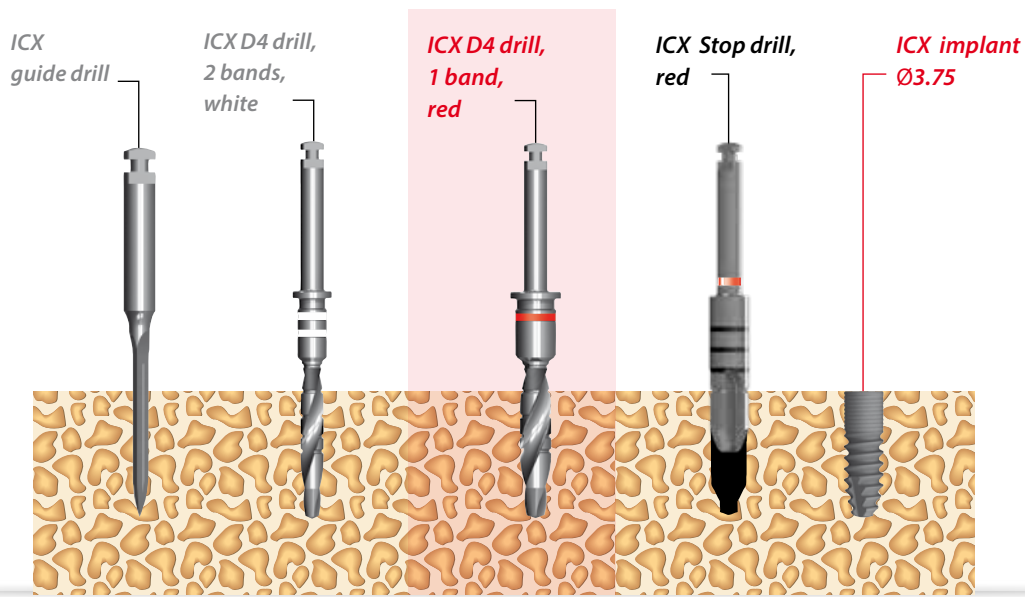
control of soft tissue
levels during drilling



Stop drill

The use of the stop drill is mandatory to fully finish the preparation of the implant site

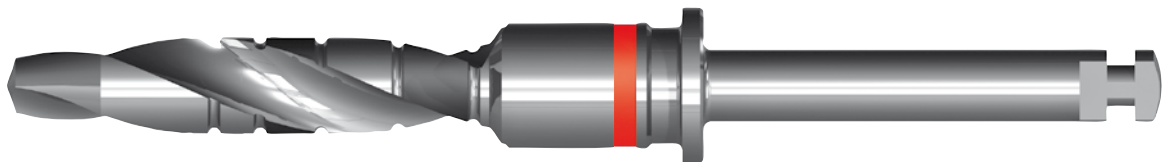
D4 drilling sequence for ICX-PREMIUM Ø 3.75mm

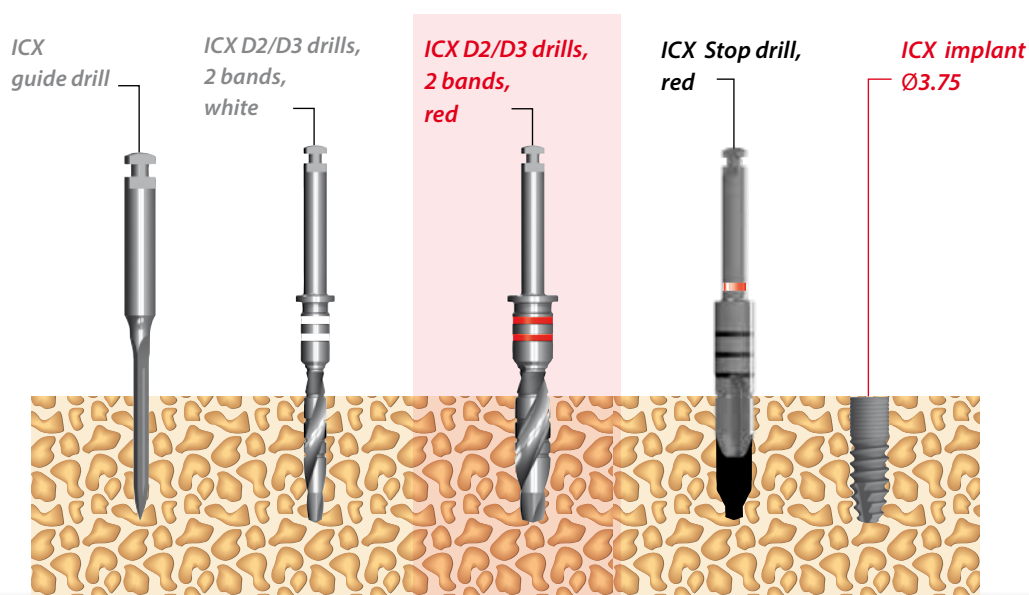


Drilling sequence for very soft bone

Please use drills with 1 colour band only.

Note: Drills for very soft bone D4, are labeled with **1 red band**

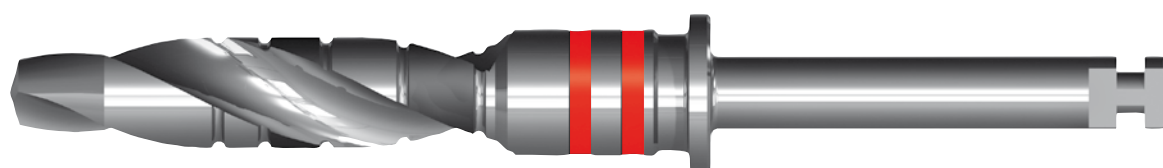




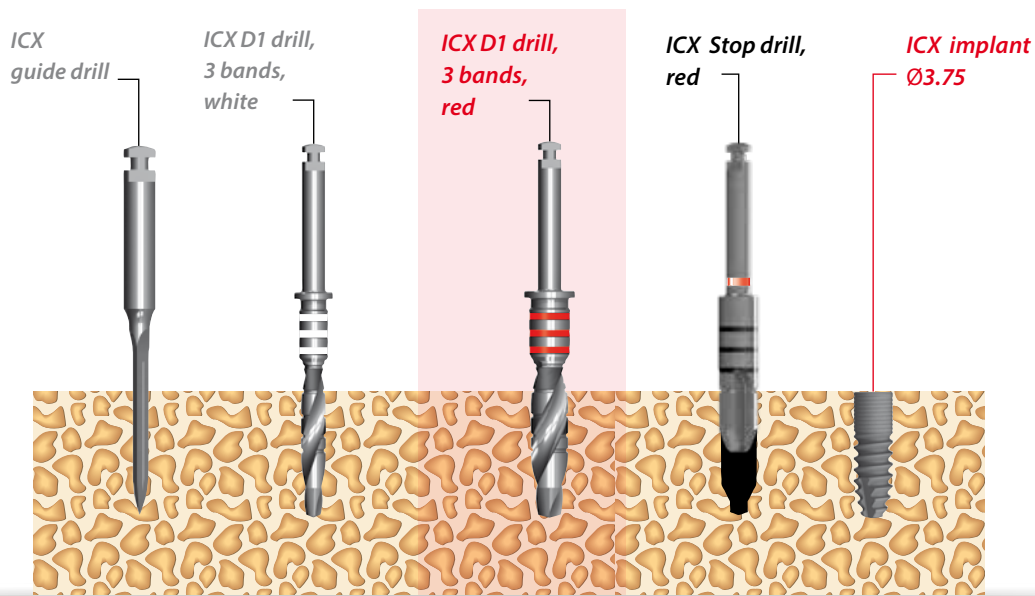
Drilling sequence for soft to medium hard bone

Please use drills with 2 colour bands only.

Note: Drills for soft/medium-hard bone D2/D3, are labeled with **2 red bands**



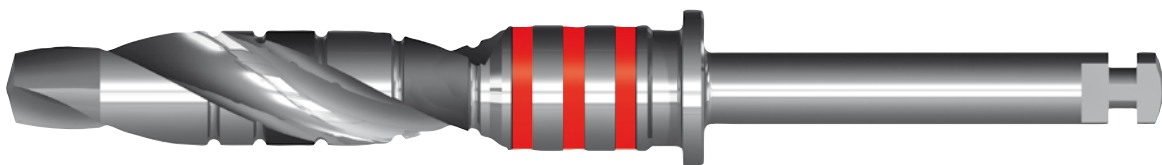
D1 drilling sequence for ICX-PREMIUM Ø 3.75mm



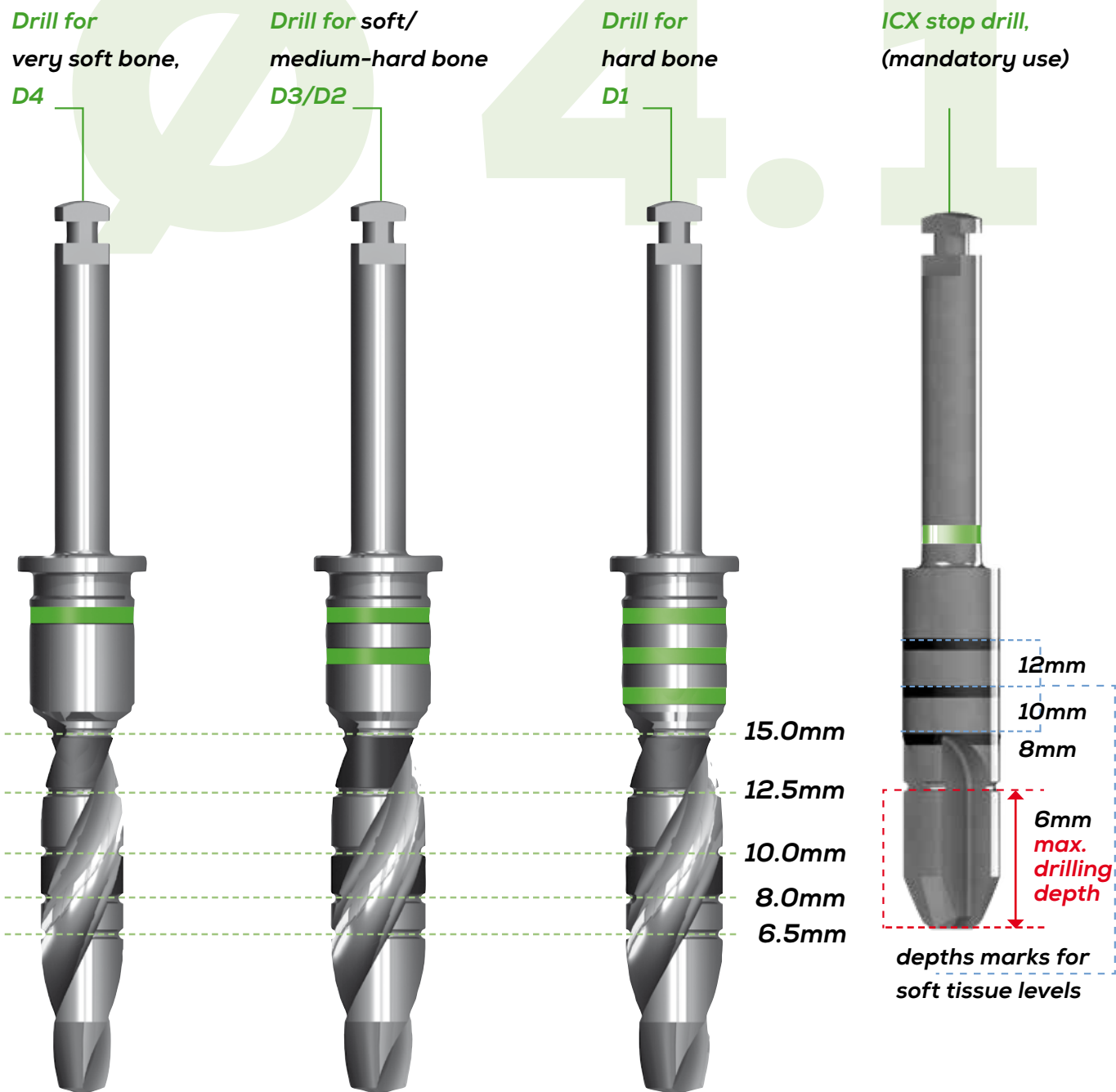
Drilling sequence for hard bone

Please use drills with 3 colour bands only.

Note: Drills for hard bone D1, are labeled with **3 red bands**

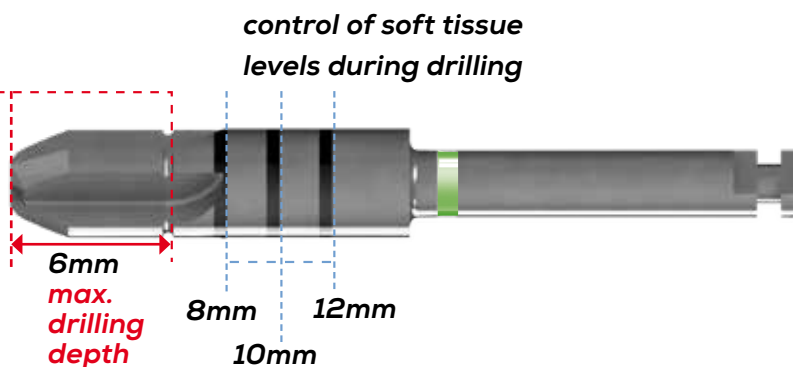


Surgical procedure for ICX-PREMIUM Ø 4,1mm



The drilling depth should be between 1 to 6 mm depending on the thickness of the cortical bone.

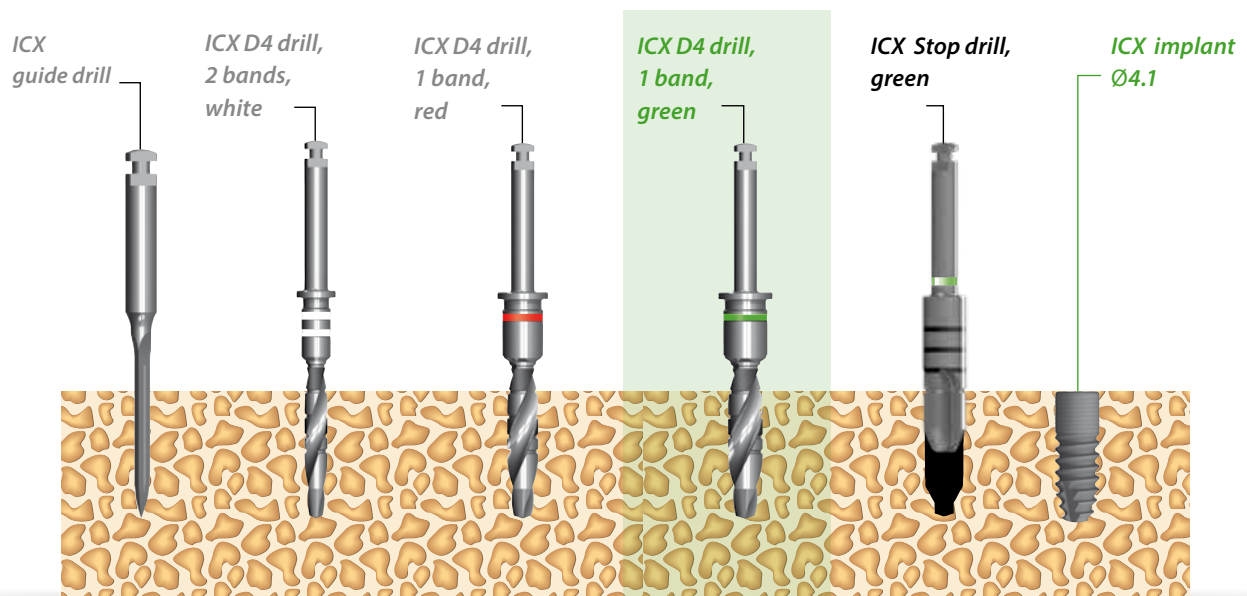
The black depths marks are placed at 8, 10 and 12mm from the tip of the drill and are an aid to help to estimate the soft tissue levels intraoperatively.



Stop drill

The use of the stop drill is mandatory to fully finish the preparation of the implant site

D4 drilling sequence for ICX-PREMIUM Ø 4.1mm



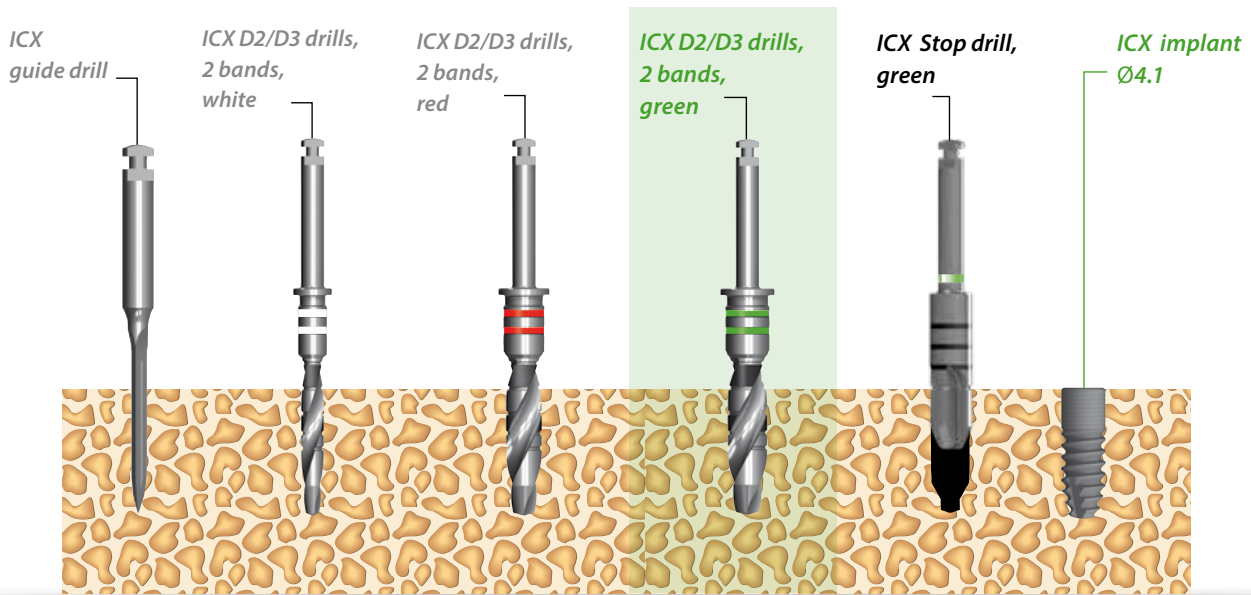
Drilling sequence for very soft bone

Please use drills with 1 colour band only.

Note: Drills for very soft bone D4, are labeled with 1 green band



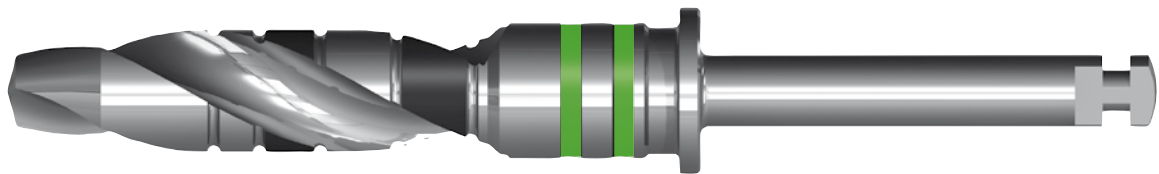
D2/D3 drilling sequence for ICX-PREMIUM Ø 4.1mm



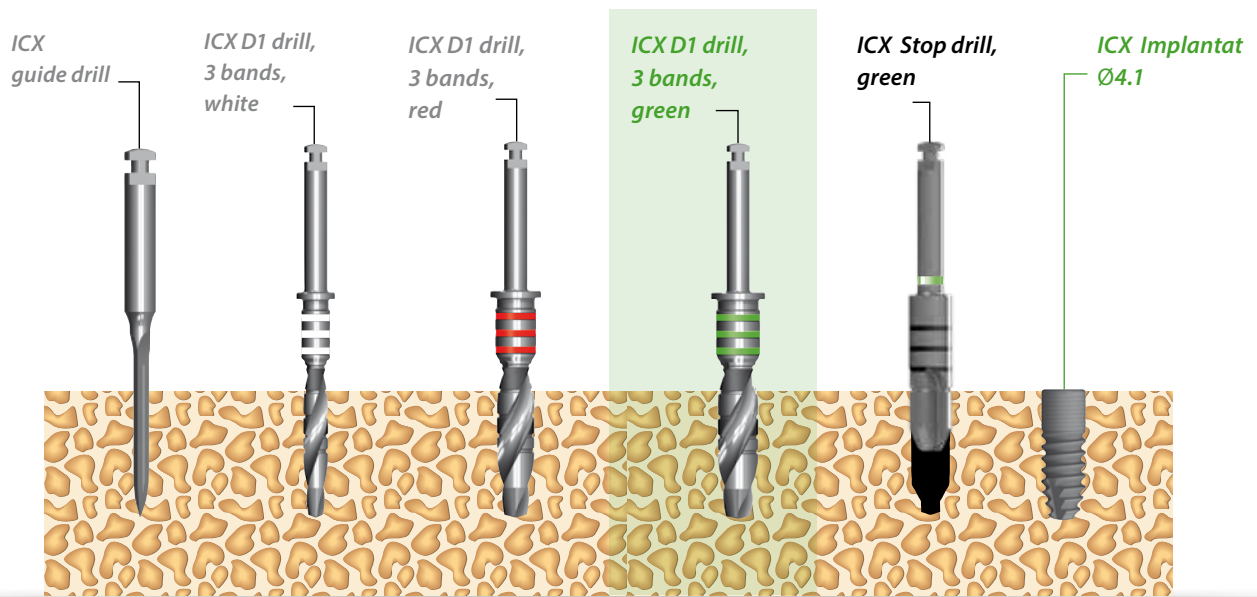
Drilling sequence for soft to medium hard bone

Please use drills with 2 colour bands only.

Note: Drills for soft/medium-hard bone D2/D3, are labeled with **2 green bands**



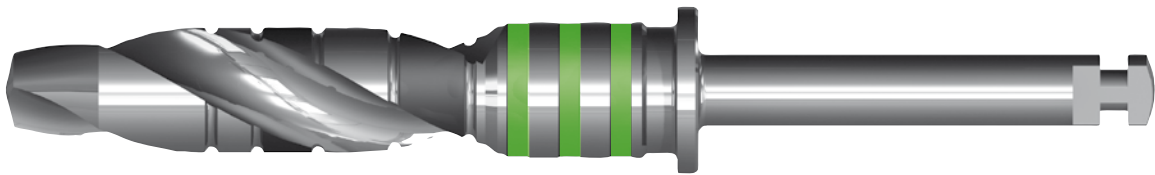
D1 drilling sequence for ICX-PREMIUM Ø 4.1mm



Drilling sequence for hard bone

Please use drills with 3 colour bands only.

Note: Drills for hard bone D1, are labeled with **3 green bands**



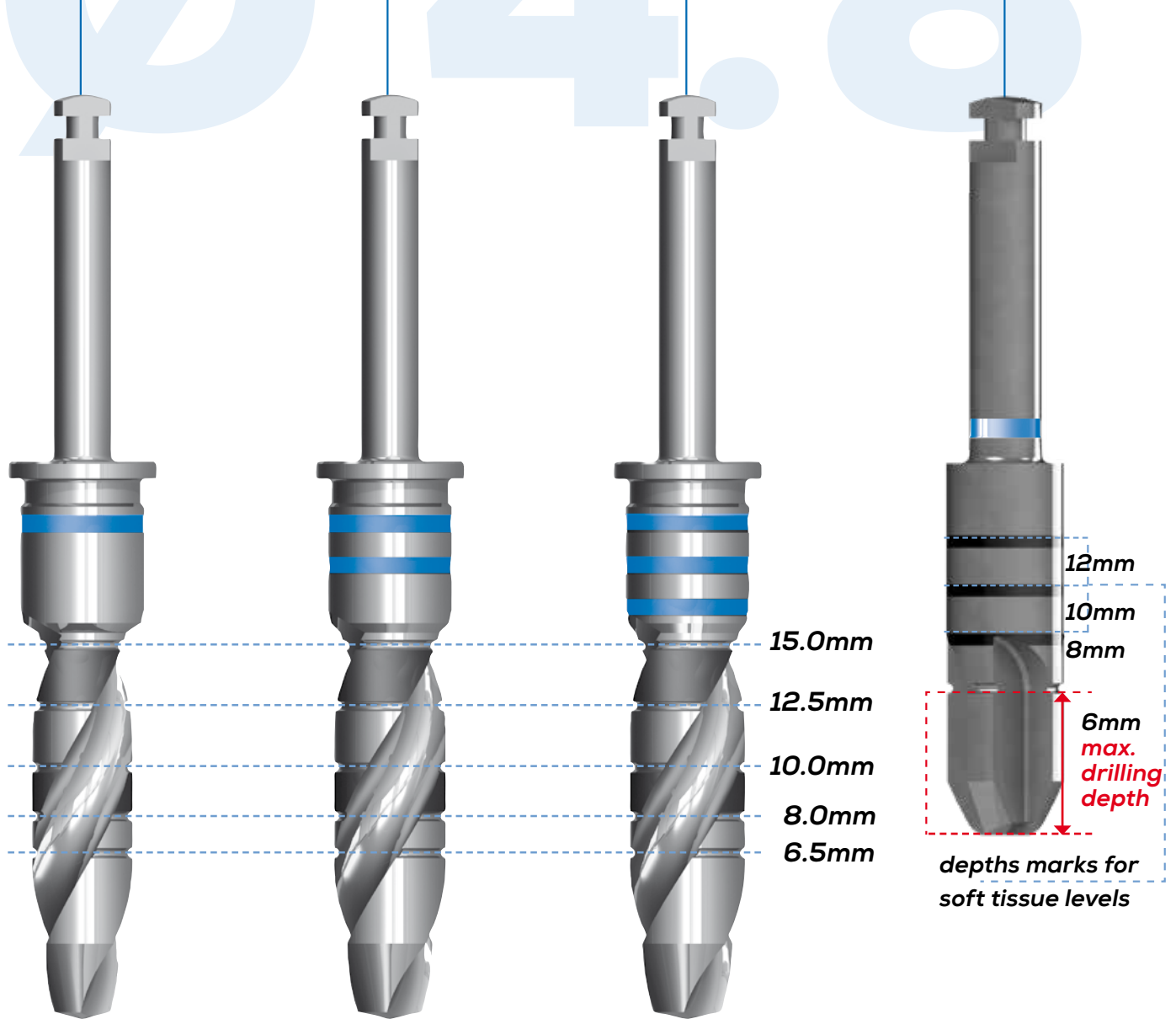
Surgical procedure for ICX-PREMIUM Ø 4.8mm

Drill for
very soft bone,
D4

Drill for soft/
medium-hard bone
D3/D2

Drill for
hard bone
D1

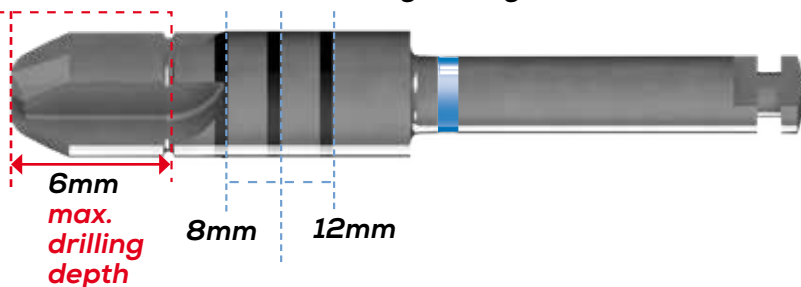
ICX stop drill,
(mandatory use)



The drilling depth should be between 1 to 6 mm depending on the thickness of the cortical bone.

The black depths marks are placed at 8, 10 and 12mm from the tip of the drill and are an aid to help to estimate the soft tissue levels intraoperatively.

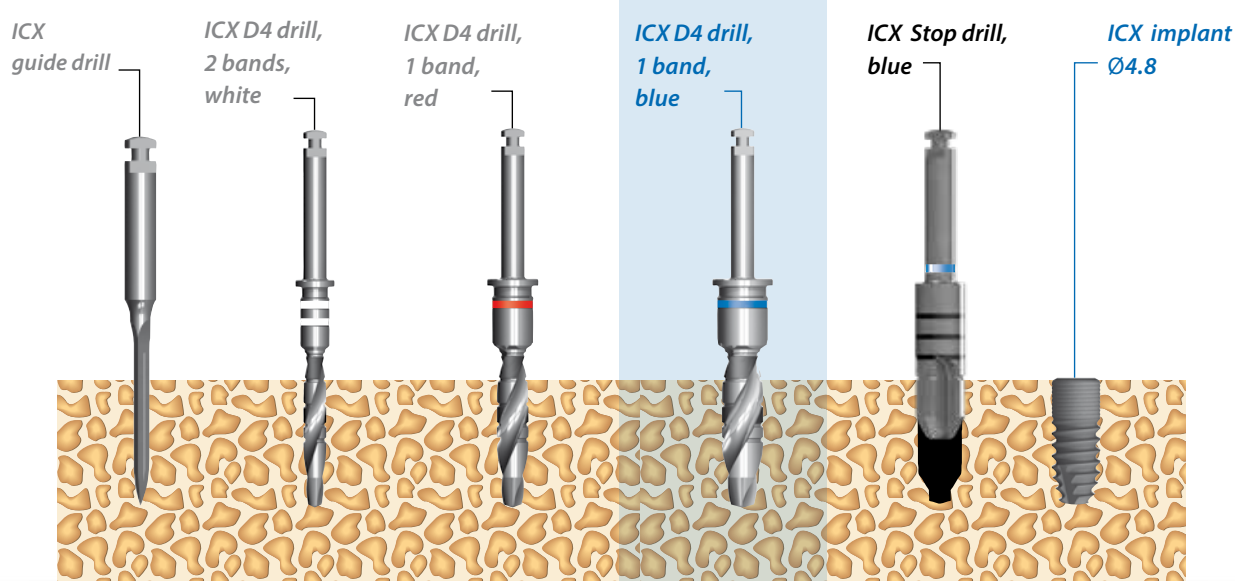
control of soft tissue levels during drilling



Stop drill

The use of the stop drill is mandatory to fully finish the preparation of the implant site

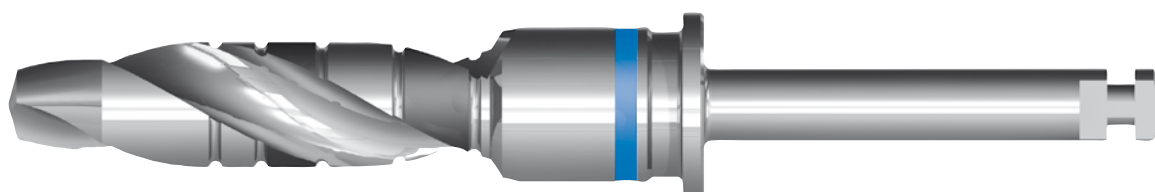
D4 drilling sequence for ICX-PREMIUM Ø 4.8mm

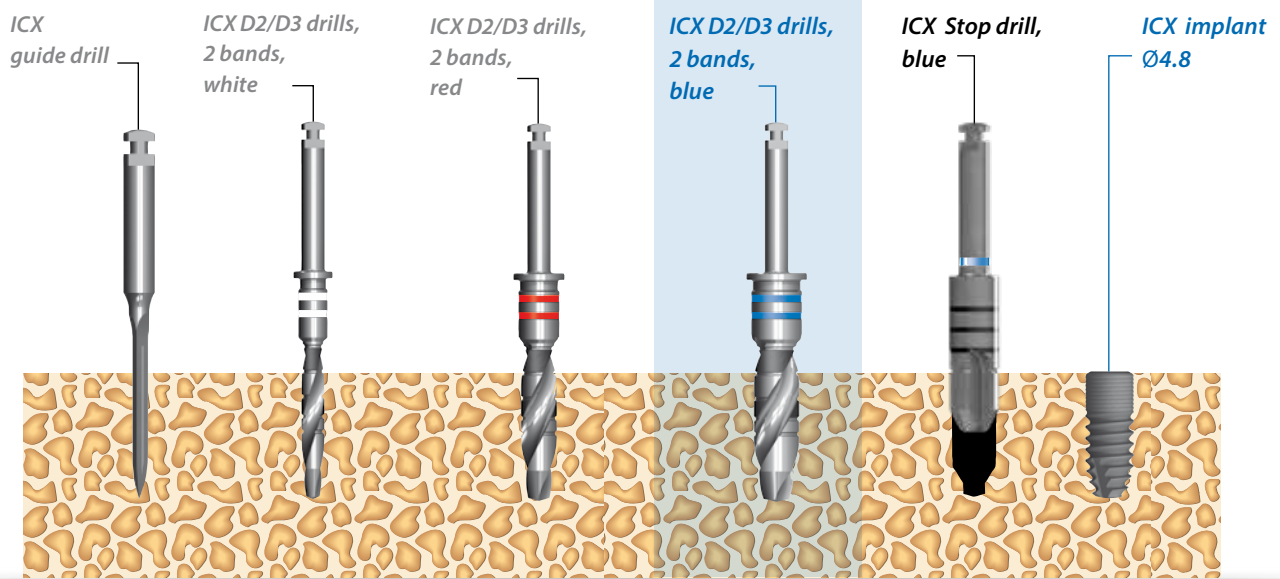


Drilling sequence for very soft bone

Please use drills with 1 colour band only.

Note: Drills for very soft bone D4, are labeled with 1 blue band

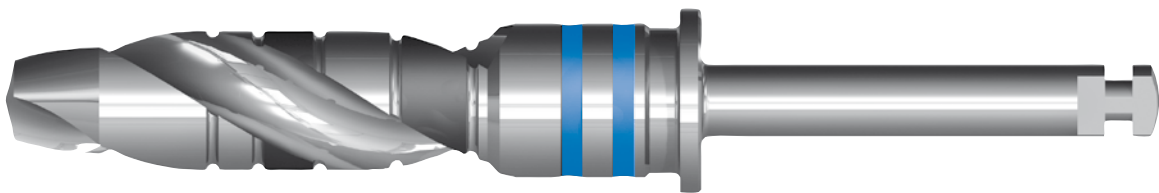




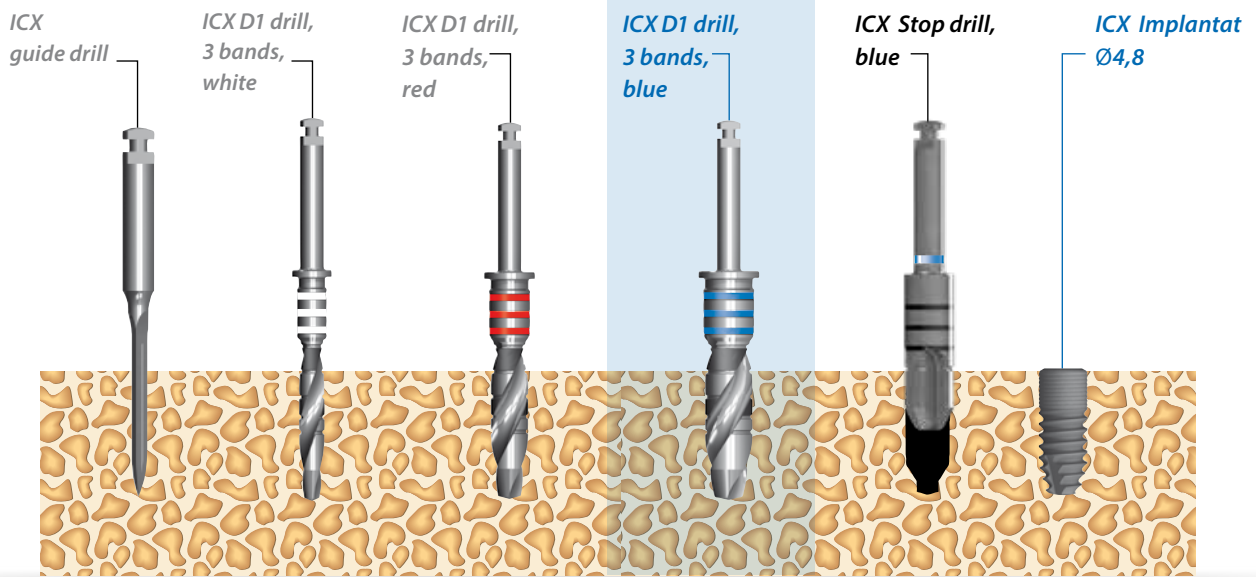
Drilling sequence for soft to medium hard bone

Please use drills with 2 colour bands only.

Note: Drills for soft/medium-hard bone D2/D3, are labeled with 2 blue bands



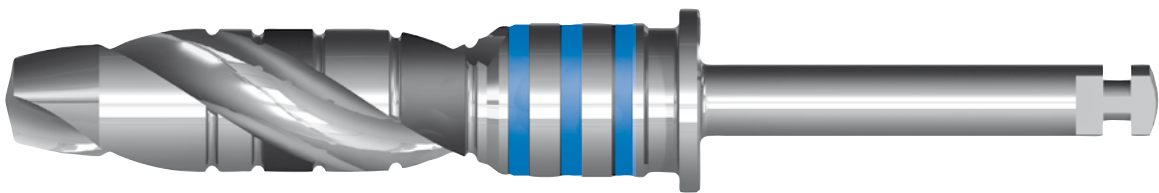
D1 drilling sequence for ICX-PREMIUM Ø 4.8mm



Drilling sequence for hard bone

Please use drills with 3 colour band only.

Note: Drills for hard bone D1, are labeled with 3 blue bands



Handling and Insertion of the ICX-PREMIUM

ICX torque wrench driver short and medium



Compatible to elbow and hand adapter

ICX torque wrench driver inserted in hand-driver



ICX torque wrench inserted in the surgical handpiece



Sterile ICX blister pack



Engagement of the ICX-PREMIUM with the ICX torque wrench driver



Pick up of the ICX-PREMIUM with the ICX torque wrench driver



Removal of the ICX-PREMIUM from the vial with the ICX torque wrench driver



Insertion of the ICX-PREMIUM



Insertion of the cover screw



Inserted cover screw



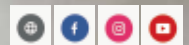
ICX THE FAIR PREMIUM IMPLANT-SYSTEM.

WHEN WILL YOU CHANGE TO ICX?

„Already over 11,000 convinced ICX users confirm the FAIR premium quality of ICX and our very good ICX customer service.“



**A SAFE FEELING FOR
SATISFIED DENTISTS
AND PATIENTS - ICX.**



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ICX-PROSTHETICS

ONLY TWO PROSTHETIC LINES FOR THE ENTIRE ICX SPECTRUM.



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DIGITAL ICX-WORKFLOW.

FUTURE-*PROOFED*.



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THE FAIR
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September 2022/01

ICX-SURGERY MANUAL 8.0



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