

Surgical protocol



Simple – safe – primary stable

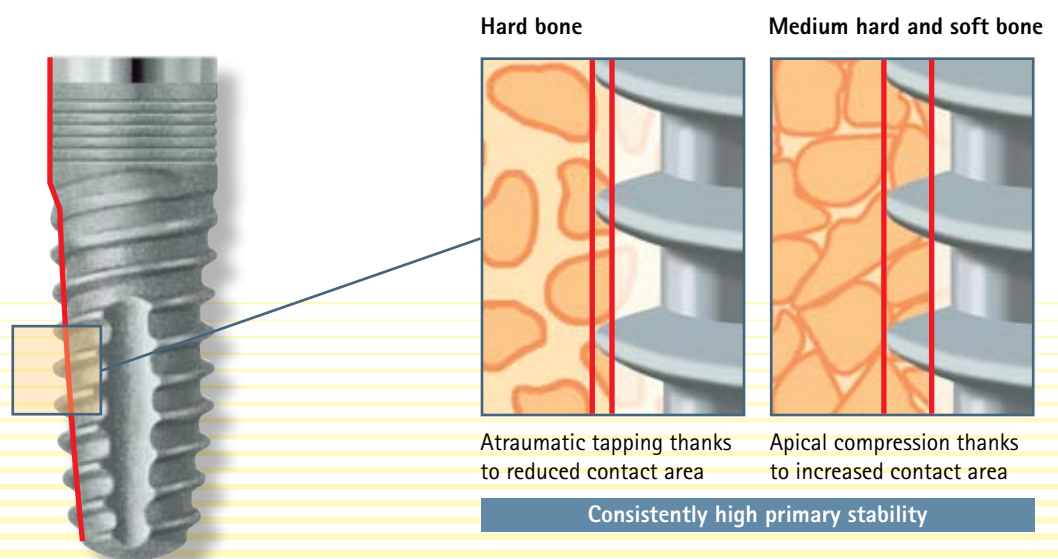
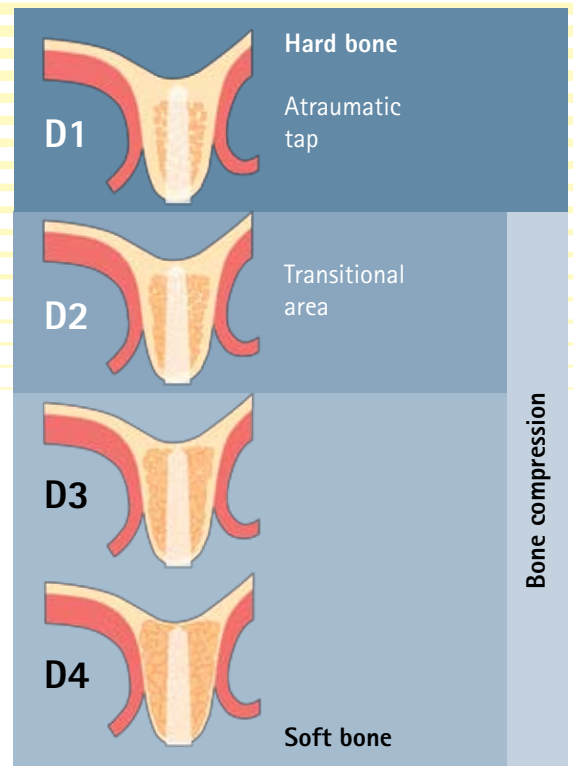
Surgical protocol

Optional primary stability in every bone

The primary stability of implants constitutes a crucial point for implant success. In order to attain an equally high primary stability in any quality of bone, we took into account the various degrees of hardness of each bone.

- In hard bone, the implant cavity is opened wide enough to execute an atraumatic tap.
- In soft and medium hard bone, the cavity is less prepared in order to increase the primary stability by compression.

At the critical transitional area to the medium hard bone, we recommend working with compression initially, and to remove the implant to prepare the cavity wider in case the torque is too inclined while the implant is screwed in.

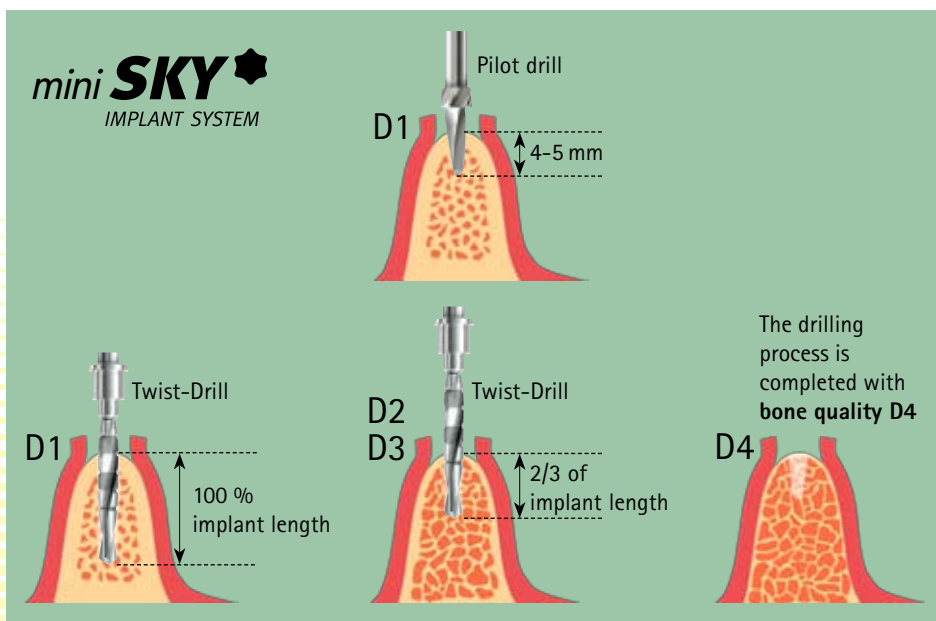
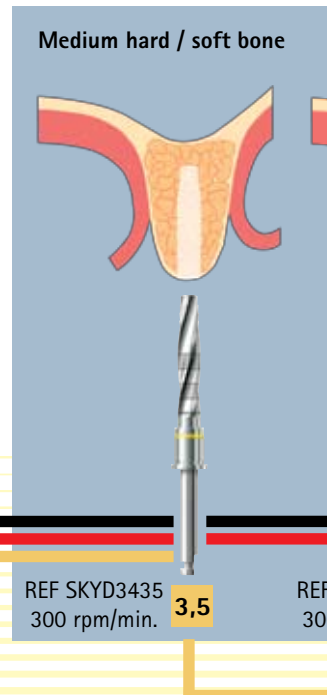
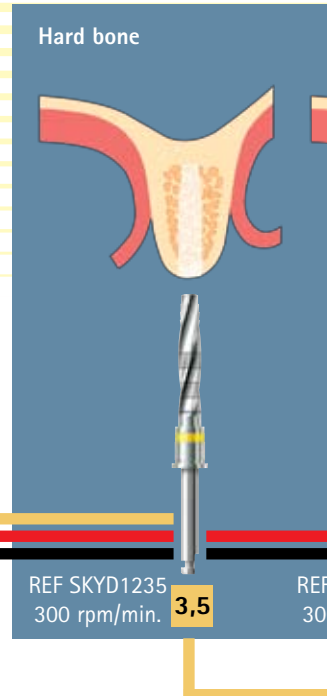
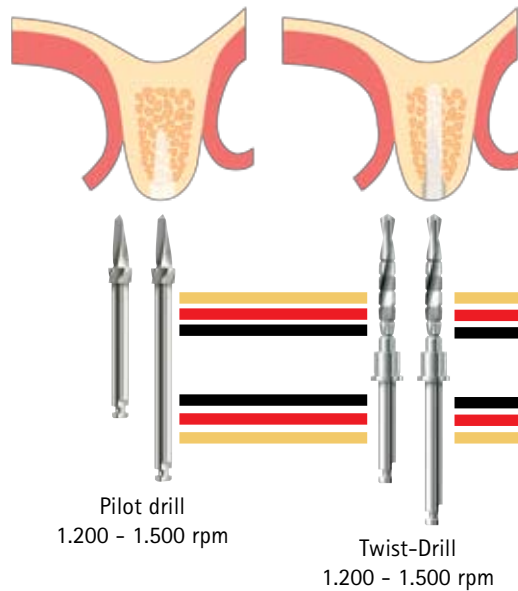


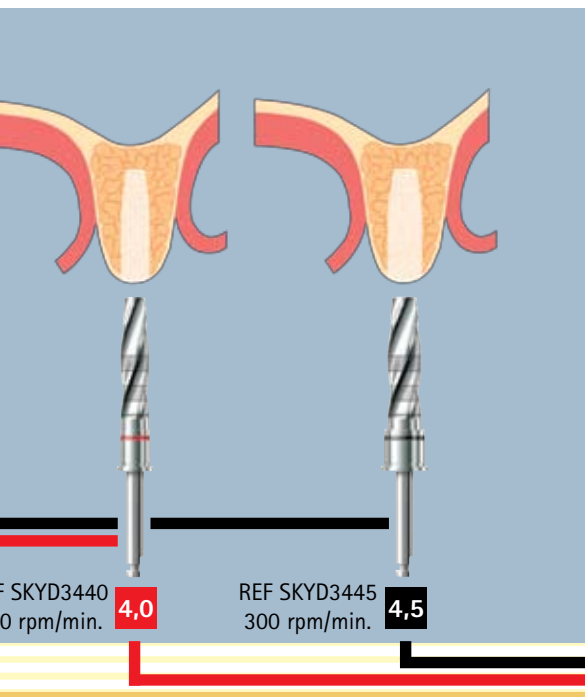
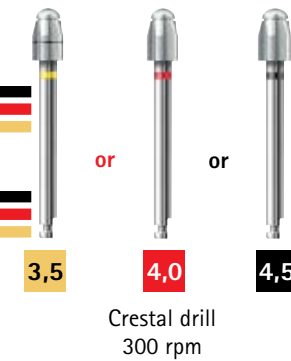
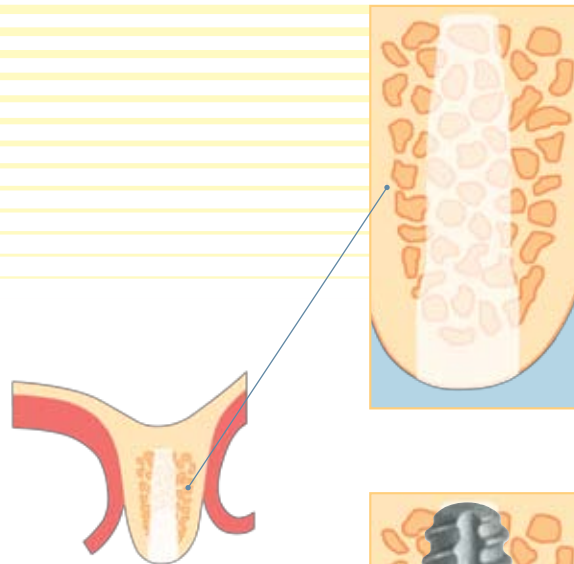
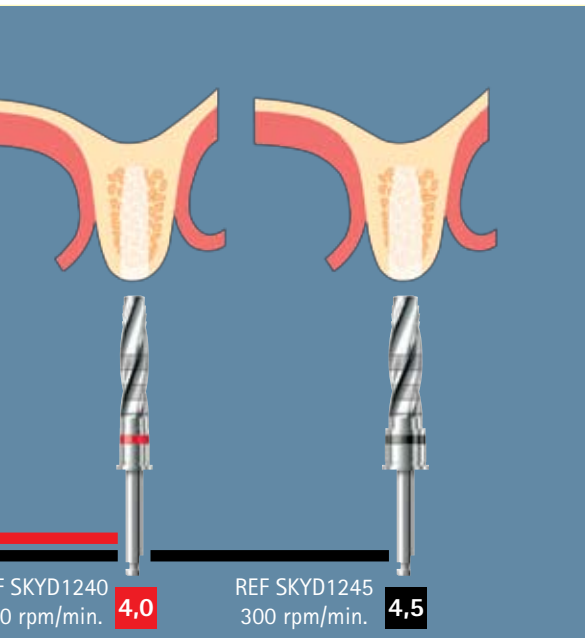
Step by Step



New:

- optimized, bone quality-oriented set of instruments and surgical protocol for unsurpassed primary stability
- Drills with detachable drill stops
- Reduction of the number of drills for increased control and dependability during surgery





Simple and with fewer drills

The SKY Implant System features a conic-cylindrical hybrid form. This form, in combination with compression threads, supports the achievement of an optimal primary stability. During surgical procedures, this form now has to be transferred onto the implant cavity.

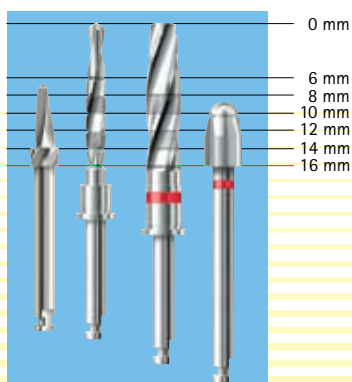
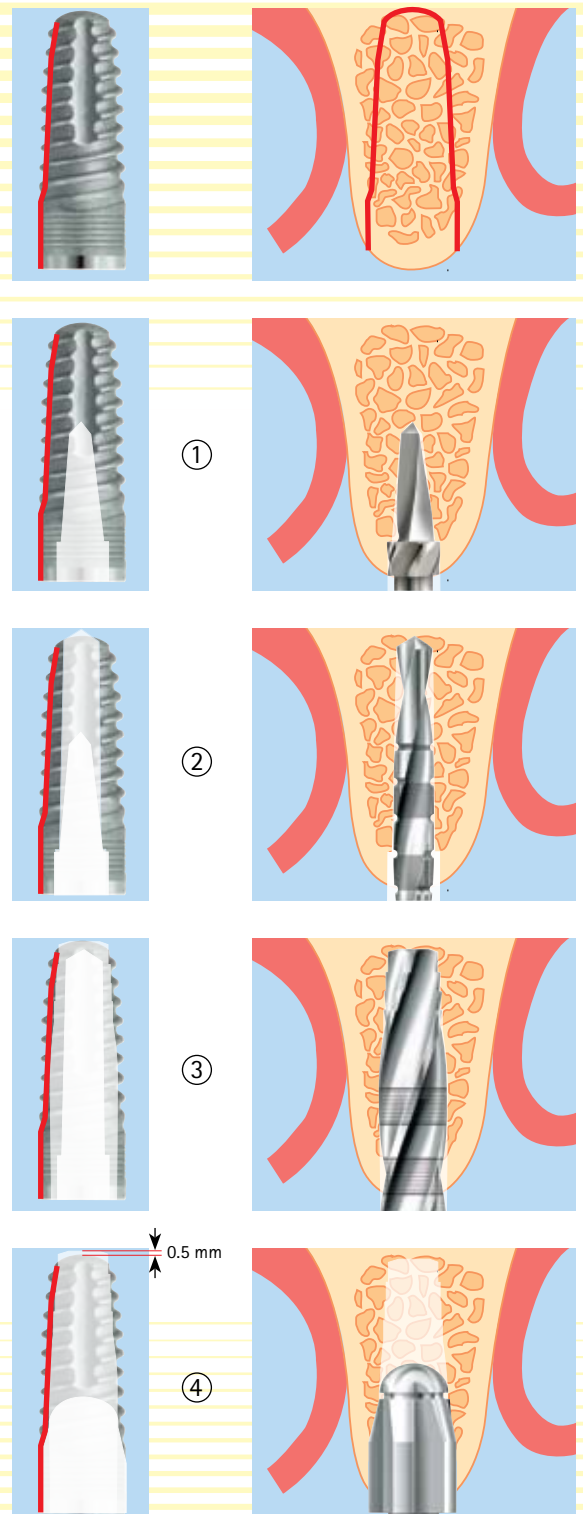
Surgical protocol – step by step

The conical tip of the SKY pilot drill makes sure the drill cannot slip off the bone. At the same time, the coronal end of the drill prepares the cortical bone to 3 mm, so that by using the SKY system, we need very few drills. (step 1)

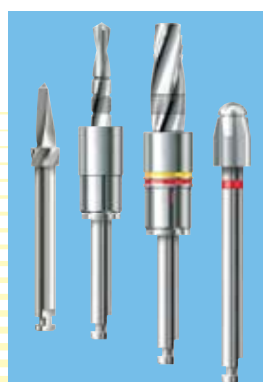
We use the Twist-Drill to determine depth and direction of the implant. This is the drill that also serves as standard drill within the miniSKY Implant System (step 2).

The cylindrical core of the implant is now prepared, depending on the bone quality, with the D3-4 for soft and medium hard bones, and with D1-2 drills for hard bone (step 3).

Finally, the conic-cylindrical preparation of the coronal cavity takes place. The crestal drill is such designed that tensions in the cortical bone will not occur. The depth of drilling exceeds the implant length by 0.5 mm. (step 4).

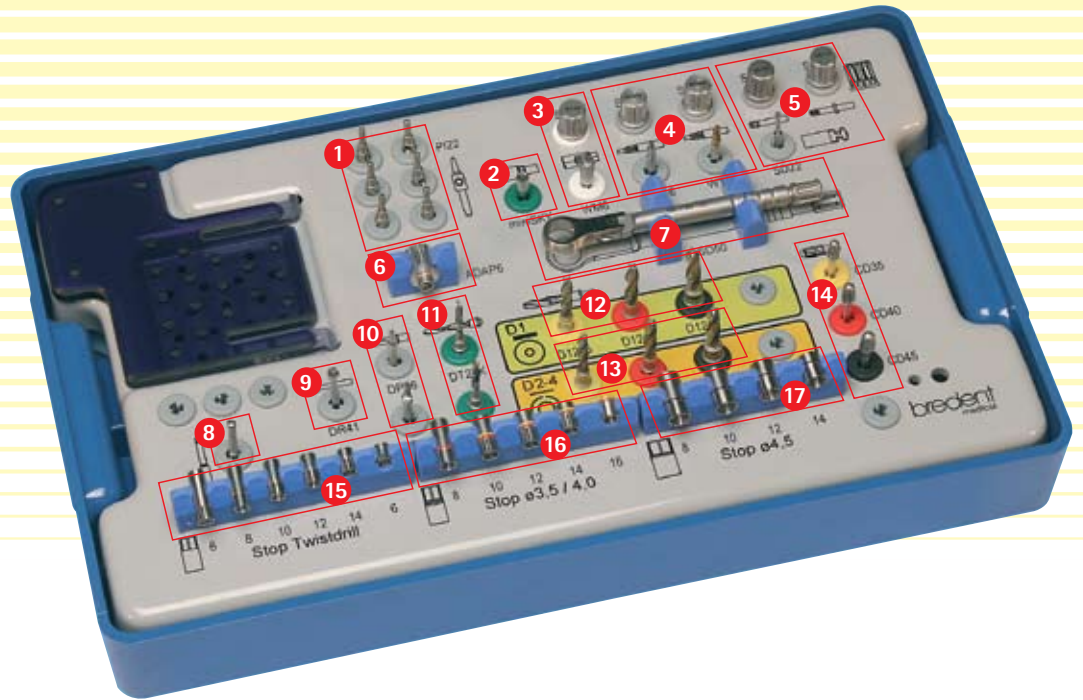


Drill without stop



Drill with fitted stop

The clearly arranged al- location of instruments and drills facilitates the work in the operating room. Everything is in its place and clearly marked with article numbers (without SKY) and pictures. The empty slots for drills, secure depositing possi- bilities for small parts, such as abutments, and a second level for hand instruments, which are securely held in a silicone mat, round out the picture.



REF SKYXOT21

OP-Tray instruments

Parallel indicator REF SKY-PI22 1	miniSKY mounter REF MSKYXMM6 2	whiteSKY mounter for contra-angel REF SKYC-WM6 3	whiteSKY mounter for ratchet REF SKYC-SM6 4	SKY TK mounter REF SKY-WTK5 short REF SKY-WTK6 long REF SKY-STK5 short REF SKY-STK6 long 5	Prosthetic key for ratchet REF SKY-SD16 REF SKY-SD25 Prosthetic key for contra-angel REF SKY-SD22 6				
Adapter REF SKYADAP6 7	Torque ratchet REF SKY-SD50 8	Drill extension REF SKY-DV12 Ø mm 4.5 max. 5.000, 16 mm extended 9	Twist-Drill REF SKYXST06 REF SKYXST08 REF SKYXST10 REF SKYXST12 REF SKYXST14 REF SKYXST16 10	L6 REF SKYS0840 REF SKYS1040 REF SKYS0845 REF SKYS1045 REF SKYS1245 REF SKYS1445 11	L8 REF SKYS0840 REF SKYS1040 REF SKYS0845 REF SKYS1045 REF SKYS1245 REF SKYS1445 12	L10 REF SKYS1040 REF SKYS1245 REF SKYS1445 13	L12 REF SKYS1240 REF SKYS1445 14	L14 REF SKYS1440 15	L16 REF SKYS1640 16
Bone bur REF SKY-DR41 Ø mm 4.1 rpm 1.000 - 1.200 Shaft 17	Pilot drill REF SKY-DP06 REF SKY-DP08 Ø mm 3.5 1.000 - 1.200 short long 18	Twist-Drill REF SKYDT23K REF SKYDT23L Ø mm 2.25 1.000 - 1.200 short long 19	Drill for hard bone REF SKYD1235 REF SKYD1240 REF SKYD1245 Ø mm 3.5 Ø mm 4.0 Ø mm 4.5 300 20	Drill for medium hard and soft bone REF SKYD3435 REF SKYD3440 REF SKYD3445 Ø mm 3.5 Ø mm 4.0 Ø mm 4.5 300 21	Crestal drill REF SKYXCD35 REF SKYXCD40 REF SKYXCD45 Ø mm 3.5 Ø mm 4.0 Ø mm 4.5 300 22				

