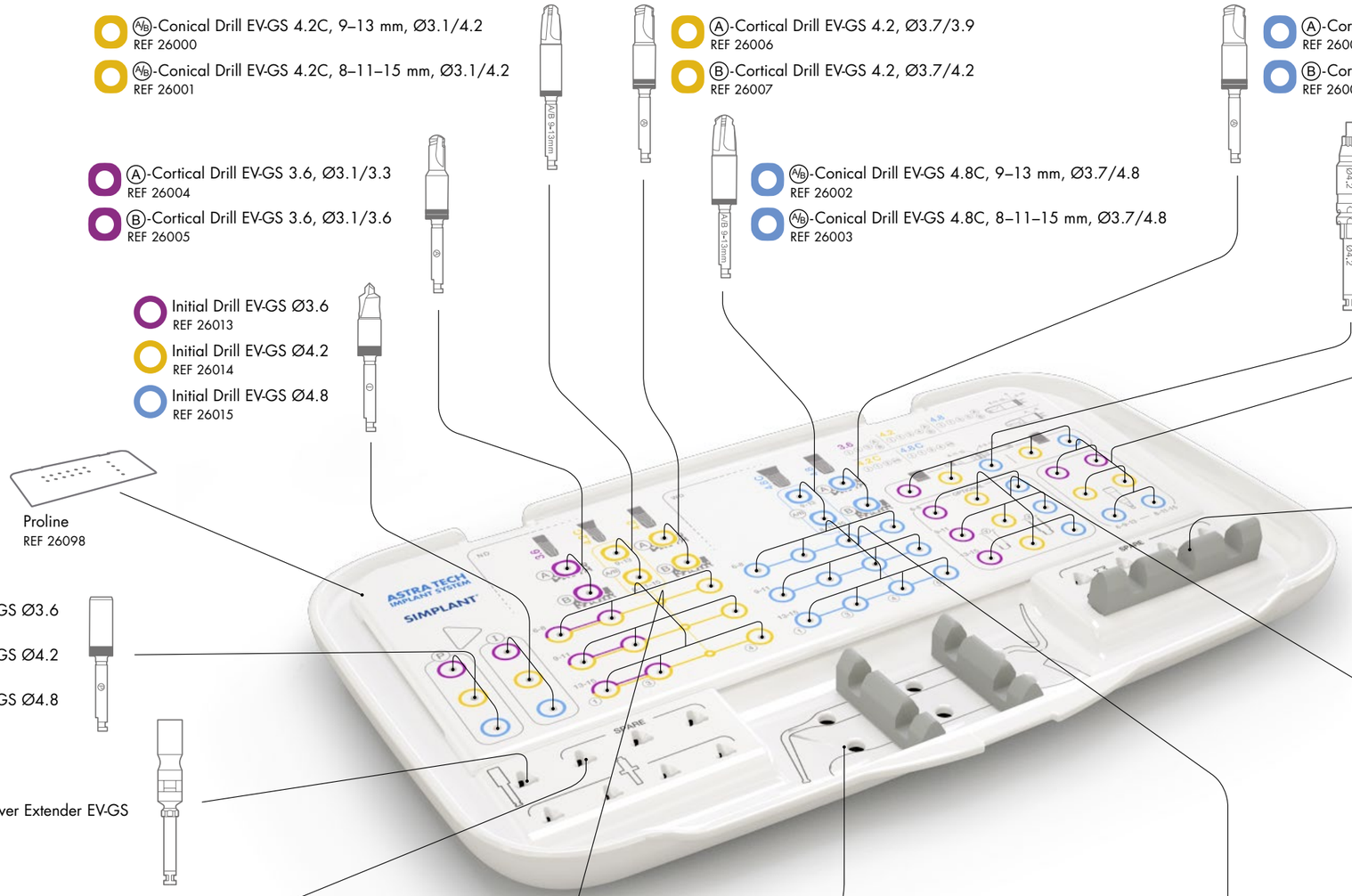
ASTRA TECH IMPLANT SYSTEM

Guided surgery and tray- and drilling protocol guide – Proline



Ⓐ/Ⓑ-Conical Drill EV-GS 4.2C, 9–13 mm, Ø3.1/4.2
REF 26000

Ⓐ/Ⓑ-Conical Drill EV-GS 4.2C, 8–11–15 mm, Ø3.1/4.2
REF 26001

Ⓐ-Cortical Drill EV-GS 3.6, Ø3.1/3.3
REF 26004

Ⓑ-Cortical Drill EV-GS 3.6, Ø3.1/3.6
REF 26005

Initial Drill EV-GS Ø3.6
REF 26013

Initial Drill EV-GS Ø4.2
REF 26014

Initial Drill EV-GS Ø4.8
REF 26015

Proline
REF 26098

Punch EV-GS Ø3.6
REF 26010

Punch EV-GS Ø4.2
REF 26011

Punch EV-GS Ø4.8
REF 26012

Implant Driver Extender EV-GS
REF 26021

Drill for Guide fixation screw
REF 26050

Ⓐ-Cortical Drill EV-GS 4.2, Ø3.7/3.9
REF 26006

Ⓑ-Cortical Drill EV-GS 4.2, Ø3.7/4.2
REF 26007

Ⓐ/Ⓑ-Conical Drill EV-GS 4.8C, 9–13 mm, Ø3.7/4.8
REF 26002

Ⓐ/Ⓑ-Conical Drill EV-GS 4.8C, 8–11–15 mm, Ø3.7/4.8
REF 26003

Ⓐ-Cortical Drill EV-GS 4.8, Ø4.3/4.5
REF 26008

Ⓑ-Cortical Drill EV-GS 4.8, Ø4.3/4.8
REF 26009

Implant Driver EV-GS Ø3.6
REF 26016

Implant Driver EV-GS Ø4.2
REF 26017

Implant Driver EV-GS Ø4.8
REF 26018

EV-Stabilization Abutment, Ø3.6
8–11–15 mm REF 26033, 6–9–13 mm REF 26034

EV-Stabilization Abutment, Ø4.2
8–11–15 mm REF 26035, 6–9–13 mm REF 26036

EV-Stabilization Abutment, Ø4.8
8–11–15 mm REF 26037, 6–9–13 mm REF 26038

Hex Driver EV Manual
Short 20 mm REF 25771, Intermediate 31 mm REF 25772

Ⓧ-Drills EV-GS 3.6, 4.2C
6–8 mm REF 26072, 9–11 mm REF 26073, 13–15 mm REF 26074

Ⓧ-Drills EV-GS 4.2
6–8 mm REF 26075, 9–11 mm REF 26076, 13–15 mm REF 26077

Ⓧ-Drills EV-GS 4.8C
6–8 mm REF 26078, 9–11 mm REF 26079, 13–15 mm REF 26080

Ⓧ-Drills EV-GS 4.8
6–8 mm REF 260781, 9–11 mm REF 26082, 13–15 mm REF 26083

Ⓥ-Drills EV-GS 3.6, 4.2C
6–8 mm REF 26084, 9–11 mm REF 26085, 13–15 mm REF 26086

Ⓥ-Drills EV-GS 4.2
6–8 mm REF 26087, 9–11 mm REF 26088, 13–15 mm REF 26089

Ⓥ-Drills EV-GS 4.8C
6–8 mm REF 26090, 9–11 mm REF 26091, 13–15 mm REF 26092

Ⓥ-Drills EV-GS 4.8
6–8 mm REF 260793, 9–11 mm REF 26094, 13–15 mm REF 26095

①-Drill EV-GS, Ø1.9 ND
6–8 mm REF 26051, 9–11 mm REF 26052, 13–15 mm REF 26053

③-Drill EV-GS, Ø2.5/3.1 ND
6–8 mm REF 26054, 9–11 mm REF 26055, 13–15 mm REF 26056

④-Drill EV-GS, Ø3.1/3.7 ND
6–8 mm REF 26057, 9–11 mm REF 26058, 13–15 mm REF 26059

Torque Wrench EV
REF 25774

Surgical Driver Handle
REF 25775

①-Drill EV-GS, Ø1.9 WD
6–8 mm REF 26060, 9–11 mm REF 26061, 13–15 mm REF 26062

③-Drill EV-GS, Ø2.5/3.1 WD
6–8 mm REF 26063, 9–11 mm REF 26064 13–15 mm REF 26065

④-Drill EV-GS, Ø3.1/3.7 WD
6–8 mm REF 26066, 9–11 mm REF 26067, 13–15 mm REF 26068

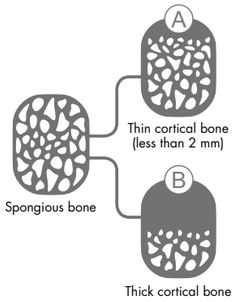
⑤-Drill EV-GS, Ø3.7/4.3 WD
6–8 mm REF 26069, 9–11 mm REF 26070, 13–15mm REF 26071

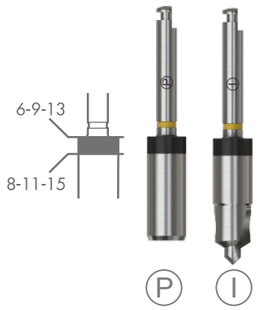
DENTSPLY IMPLANTS

ASTRA TECH IMPLANT SYSTEM

OsseoSpeed EV guided surgery drilling protocol overview

The drilling protocol describes one procedure for spongious bone that satisfies the majority of patient cases, and is based on two cortical bone thicknesses: thin cortical and thick cortical bone.





Punch for soft tissue preparation

The punch is used to make a minimally invasive circular incision in the soft tissue.

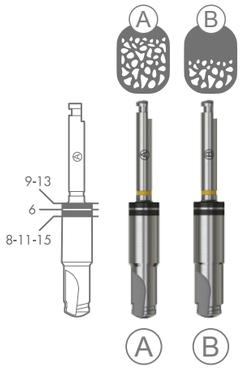
Initial Drill

After using the optional punch, the mandatory Initial drill is used to remove the soft and hard tissue and to prepare the shape of the bone for the first full length drill.

Drills for spongious preparation

Full length drills with mechanical depth stop and sleeve-on-drill are used for the osteotomy preparation. The osteotomy design ensures proper preparation of the bone for implant placement, while achieving the preferred level of primary stability. Length: available in 6-8 mm, 9-11 mm and 13-15 mm.

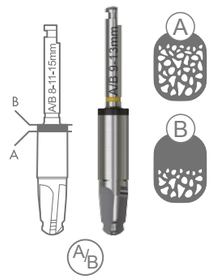
ND = narrow diameter sleeve
WD = wide diameter sleeve



Cortical Drills – straight implants

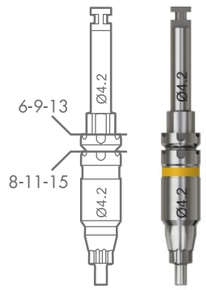
The A or B Cortical Drill is used for the preparation of the cortical layer to reduce pressure in the bone around the implant neck. The Cortical Drills are directly guided in the tube of the guide.

Note: There is a separate depth marking for the 6 mm implant.



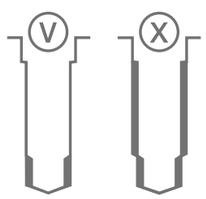
Cortical bone preparation – conical implants

The A/B Drill is used to prepare the conical shape of the cavity. The intended preparation depth A or B has to be chosen depending on the thickness of the cortical bone.



Implant Driver EV-GS

The Implant Driver EV-GS can only engage into one single position of the implant. The two grooves on the shaft indicate the corresponding implant lengths 8-11-15 mm and 6-9-13 mm. Each groove contains two engaging systems with 6 notches. One of the six notches is longer and indicates the one-position-only feature for pre-surgically manufactured ATLANTIS Abutments.



Optional osteotomy preparation

If necessary, additional preparation can be performed with one of the following drills:

V-Drill EV

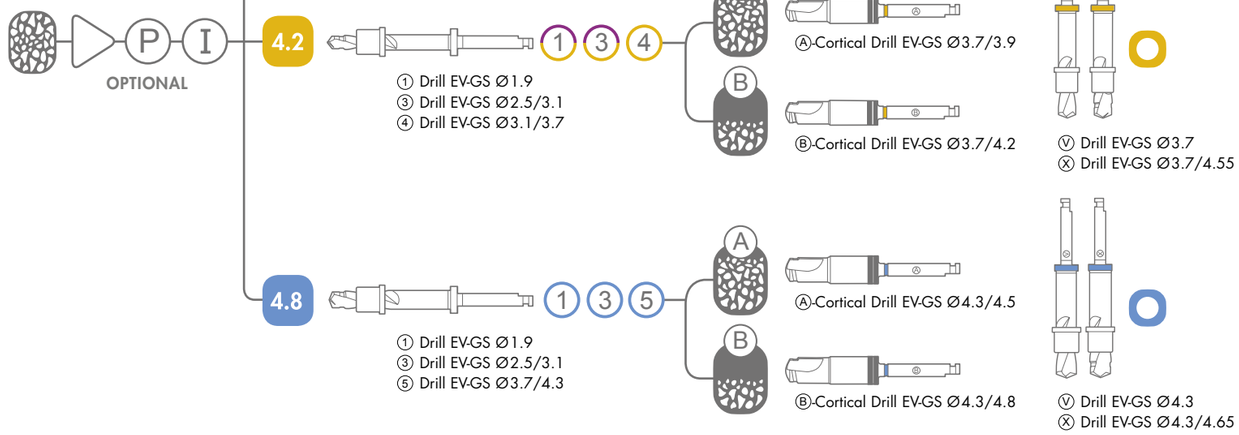
After preparation of the cortical layer with the cortical drill A, B or A/B, the V-drill can be used to widen the apical portion of the osteotomy.

X-Drill EV

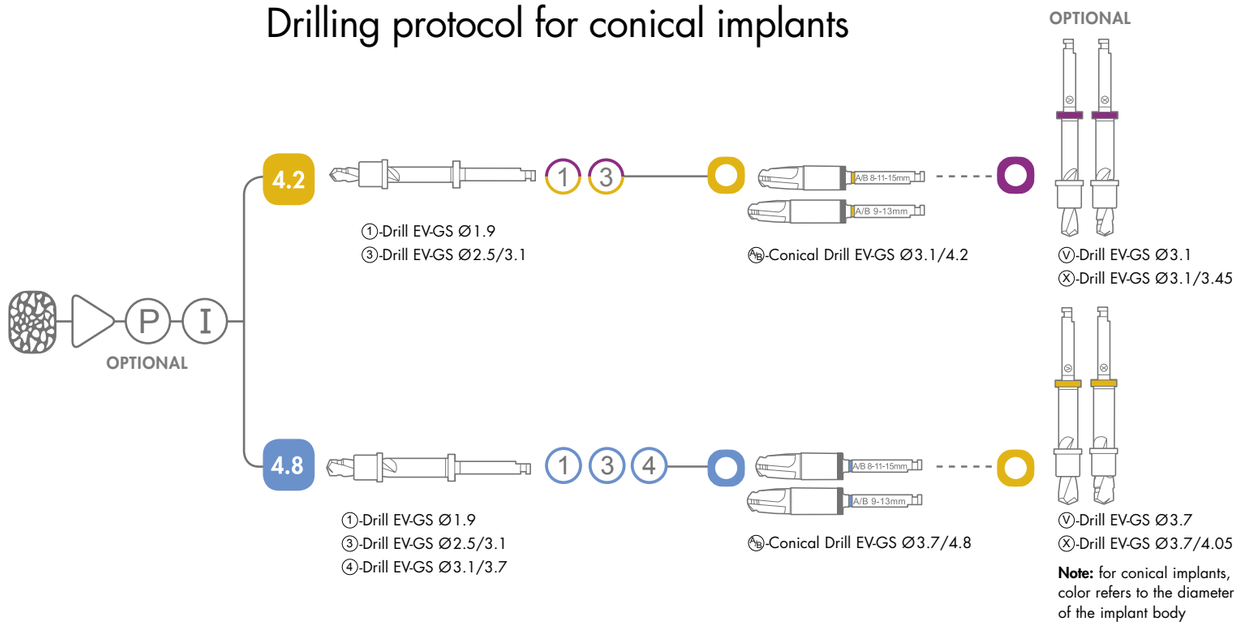
After preparation of the cortical layer with the B or A/B Drill, the X-Drill can be used to widen the osteotomy below the margin.

Note: For conical implants, color refers to the diameter of the implant body.

Drilling protocol for straight implants



Drilling protocol for conical implants



Note: for conical implants, color refers to the diameter of the implant body

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