

Neoss ProActive® Edge Implants

Neoss ProActive® Edge is the latest evolutionary step in the Neoss implant range. Designed to ensure predictable stability in challenging clinical cases, Edge combines the proven Neoss ProActive® surface and NeoLoc® connection with a new evolutionary thread design and simplified drilling protocol.

Features & benefits

Outstanding primary stability – The Neoss ProActive® Edge implant has market leading load bearing properties*. The thread and pitch profile is designed for maximum bone-to-thread contact, and in combination with the tapered body, provides immediate feedback during placement.

Simplified drilling protocol – The implant and thread designs are directly matched with the twist drills for ultimate ease of use – in most cases only two Neoss drills will be required to place the implant.

Minimal bone removal – The optimized combination of the implant design and drilling protocol keeps bone removal to a minimum. With maximized preservation of original bone and outstanding primary stability, this innovative solution is designed for reduced healing times and increased patient comfort.

Confidence in challenging cases – The Neoss ProActive® Edge implant is designed for optimized stability. Expert engineering in combination with its tailored drilling protocol ensures confident implant placement in challenging clinical cases with predictable insertion torque. Clinical experience confirms excellent performance in all bone types, extraction sockets, compromised bone situations, and immediate load cases.



“ Great stability. Extremely easy to use. Very short learning curve.

Dr. Wail Girgis

Assortment

Art. No. Description

21301	Implant Kit – Neoss ProActive® Edge Ø3.5 × 9 mm
21302	Implant Kit – Neoss ProActive® Edge Ø3.5 × 11 mm
21303	Implant Kit – Neoss ProActive® Edge Ø3.5 × 13 mm
21304	Implant Kit – Neoss ProActive® Edge Ø3.5 × 15 mm
21305	Implant Kit – Neoss ProActive® Edge Ø4.0 × 9 mm
21306	Implant Kit – Neoss ProActive® Edge Ø4.0 × 11 mm
21307	Implant Kit – Neoss ProActive® Edge Ø4.0 × 13 mm
21308	Implant Kit – Neoss ProActive® Edge Ø4.0 × 15 mm
21309	Implant Kit – Neoss ProActive® Edge Ø4.5 × 9 mm
21310	Implant Kit – Neoss ProActive® Edge Ø4.5 × 11 mm
21311	Implant Kit – Neoss ProActive® Edge Ø4.5 × 13 mm
21312	Implant Kit – Neoss ProActive® Edge Ø4.5 × 15 mm
21313	Implant Kit – Neoss ProActive® Edge Ø5.0 × 9 mm
21314	Implant Kit – Neoss ProActive® Edge Ø5.0 × 11 mm
21315	Implant Kit – Neoss ProActive® Edge Ø5.0 × 13 mm
21316	Implant Kit – Neoss ProActive® Edge Ø5.0 × 15 mm

Art. No. Description

41214	X-ray Planner ProActive Edge Implants
51185	Clinical Organiser, Edge
41210	Countersink, Edge Ø3.5
41211	Countersink, Edge Ø4.0
41212	Countersink, Edge Ø4.5
41213	Countersink, Edge Ø5.0
Drills	See product catalog for details

All products might not be available in all markets.



*Neoss data on file

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Drilling Protocol

	ProActive Edge Ø3.5 mm	ProActive Edge Ø4.0 mm	ProActive Edge Ø4.5 mm	ProActive Edge Ø5.0 mm
Ø2.2 S	○	○	○	○
Ø3.0 T	●	○	○	○
Ø3.4 T		●	○	○
Ø3.9 T			●	○
Ø4.4 T				●
Ø4.0 E Countersink Edge	○	○	○	○

Bone quality	○ ○ ○ ○ Soft IV & III	○ ○ ○ Regular II	● Dense I
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Example, Ø4.5 ProActive Edge Implant

Soft bone (IV & III) ○	Regular bone (II) ○	Dense bone (I) ●
Ø2.2 S	Ø2.2 S	Ø2.2 S
Ø3.0 T	Ø3.4 T	Ø3.9 T

Note: If a marking is dashed ○, it is non-mandatory, unless it is the last preparation step. Please see the instructions for use for all procedure aspects.

Facts & figures

Implant

Connection – NeoLoc®, the one connection, same for all Neoss implants (SP, standard platform – Ø3.5 and wider).

Surface – ProActive, the long-term proven micro-roughened and superhydrophilic surface with low roughness collar (Sa <0.4 µm), and a medium rough threaded body (Sa 1.0 µm).

Implant body – Conical flange and tapered implant body with extended threads and a narrow rounded apex.

Double thread – The implants are 'double threaded' for fast insertion and additional stability in poor quality bone.

Instruments

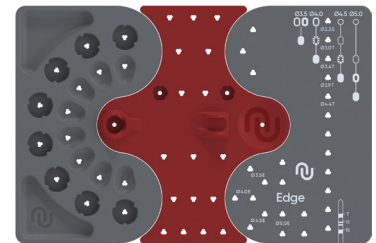
Implant insertion – All Neoss implants (SP, standard platform – Ø3.5 and wider) utilize same implant inserter.

Drills – Same Tapered drills as used for ProActive Tapered implants, marked with a 'T'. The tapered design allows large drill steps.

Countersinks – When required, there is one Edge countersink for each implant diameter. Edge countersinks are marked with an 'E'.

Screw Taps – The thread cutting and forming design of the implant acts as a screw tap, there are no specific screw taps for the ProActive Edge implant.

Clinical organizer – There is a specific organizer for the Edge implant marked with 'Edge'.



Dimensions (mm)



Implant Ø	A	B	C
Ø3.5	Ø4.0	Ø1.6	0.8 (1.6)
Ø4.0	Ø4.3	Ø1.9	1.2 (2.4)
Ø4.5	Ø4.9	Ø2.2	1.0 (2.0)
Ø5.0	Ø5.4	Ø2.4	1.0 (2.0)

“ Drilling protocol is very efficient and the implant seats smoothly within the osteotomy.

Dr. Rishi Patel