

Neoss Tapered Implant

Tapered implant body and unique Thread Cutting and Forming design

- A combination of the tapered body and Thread Cutting and Forming design provides extremely good seating in compromised or dense bone
- The apical profile aids placement in soft bone or where there are narrow roots or walls
- Conical coronal flange with additional threads is designed for stability and faster healing in extraction sites
- The rounded tip protects the sinus floor membrane



Surface roughness and super hydrophilicity

- Utilises the Neoss ProActive® surface which has demonstrated faster and stronger osseointegration*
- Low surface roughness flange to reduce marginal bone loss
- Rough body to optimise osseointegration

Neoss system compatibility and simplified drilling protocol

- All prosthetic components in the Neoss system are compatible with both the Neoss Tapered and the Neoss ProActive® implants
- The single platform abutment/implant interface is designed to optimise soft tissue support through what is known as platform switching (Ø4.0 - Ø5.5)
- Prosthetic freedom to work in various prosthetic materials
- Only one tapered drill catering for the different lengths of each implant diameter



* compared to a grit-blasted and acid etched implant as demonstrated in animal models

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Overview

Installation and compatibility

Implant Inserter - Tapered implants utilise the same inserter as the ProActive implants.

Tapered Twist Drills and Countersinks - There is one nominal tapered twist drill per implant diameter. Tapered twist drills are compatible with Drill Stops. There is one Tapered countersink for each implant diameter should that be required. Both the drills and the countersinks are laser marked with a 'T' on the shaft for identification.

Screw Taps - Available but not required (the same as used for ProActive drill protocol).

Clinical Organiser - There is a specific organiser for the tapered protocol. The organiser is marked 'Tapered' to distinguish it from the ProActive implant organiser.



Drill depth guide



Drill Protocol

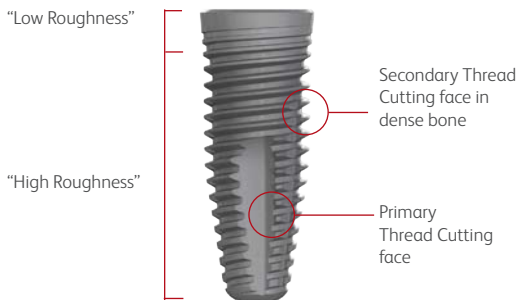
nEOSS	Drill Stop	Tapered Implant Ø3.5 mm	Tapered Implant Ø4.0 mm	Tapered Implant Ø4.5 mm	Tapered Implant Ø5.0 mm	Tapered Implant Ø5.5 mm
		Drill Stop				
Ø2.2						
Ø3.0 T						
Ø3.2						
Ø3.4 T						
Ø3.6						
Ø3.9 T						
Ø4.1						
Ø4.4 T						
Ø4.6						
Ø4.9 T						
Ø5.1						
Countersink		Ø3.5 T Optional use	Ø4.0 T Optional use	Ø4.5 T Optional use	Ø5.0 T Optional use	Ø5.5 T Optional use
Screw Tap		Ø3.5 Optional use	Ø4.0 Optional use	Ø4.5 Optional use	Ø5.0 Optional use	Ø5.5 Optional use

Bone quality: Soft (IV & III), Regular (II), Dense (I)

Neoss Tapered Implant dimensions

Implant diameter and length	Flange diameter	Tip diameter
Ø3.5	9 - 15	Ø4.0
Ø4.0	9 - 15	Ø4.3
Ø4.5	9 - 15	Ø4.9
Ø5.0	9 - 15	Ø5.4
Ø5.5	9 - 13	Ø5.9

(mm)



For more information please refer to the Neoss Implant System Guidelines

Assortment

21221	Implant Kit, Tapered Ø3.5 x 9 mm	41154	Twist Drill Ø2.2 x 7-17 mm
21222	Implant Kit, Tapered Ø3.5 x 11 mm	41172	Twist Drill, Tapered Ø3.0 x 7-17 mm
21223	Implant Kit, Tapered Ø3.5 x 13 mm	41158	Twist Drill, Ø3.2 x 7-17 mm
21224	Implant Kit, Tapered Ø3.5 x 15 mm	41173	Twist Drill, Tapered Ø3.4 x 7-17 mm
21227	Implant Kit, Tapered Ø4.0 x 9 mm	41160	Twist Drill Ø3.6 x 7-17 mm
21228	Implant Kit, Tapered Ø4.0 x 11 mm	41174	Twist Drill, Tapered Ø3.9 x 7-17 mm
21229	Implant Kit, Tapered Ø4.0 x 13 mm	41162	Twist Drill Ø4.1 x 7-17 mm
21230	Implant Kit, Tapered Ø4.0 x 15 mm	41175	Twist Drill, Tapered Ø4.4 x 7-17 mm
21233	Implant Kit, Tapered Ø4.5 x 9 mm	41164	Twist Drill Ø4.6 x 7-17 mm
21234	Implant Kit, Tapered Ø4.5 x 11 mm	41176	Twist Drill, Tapered Ø4.9 x 7-17 mm
21235	Implant Kit, Tapered Ø4.5 x 13 mm	41166	Twist Drill Ø5.1 x 7-17 mm
21236	Implant Kit, Tapered Ø4.5 x 15 mm	41178	Countersink, Tapered Ø3.5 (optional)
21239	Implant Kit, Tapered Ø5.0 x 9 mm	41179	Countersink, Tapered Ø4.0 (optional)
21240	Implant Kit, Tapered Ø5.0 x 11 mm	41180	Countersink, Tapered Ø4.5 (optional)
21241	Implant Kit, Tapered Ø5.0 x 13 mm	41181	Countersink, Tapered Ø5.0 (optional)
21242	Implant Kit, Tapered Ø5.0 x 15 mm	41182	Countersink, Tapered Ø5.5 (optional)
21245	Implant Kit, Tapered Ø5.5 x 9 mm**	41183	X-ray Planner Tapered Implants
21246	Implant Kit, Tapered Ø5.5 x 11 mm**	51151	Neoss Clinical Organiser, Tapered
21247	Implant Kit, Tapered Ø5.5 x 13 mm**		

**Available October/November 2012

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