

Neoss Drill Components

Site preparation remains the key step to successful implant placement. Well designed instruments and drills aid the surgeon in achieving high primary stability and excellent seating in all bone variations by making it possible to adapt each clinical situation. Ease of use, through a simple drill protocol and clear depth markings, is essential for a predictable result.



Neoss Drill System Features

- *Single use products* – Neoss drills are for single use and delivered in a sterile condition for immediate use. If the sterile barrier is broken the drills can be re-sterilised. Please refer to the Cleaning and Sterilisation section in the manual for re-sterilisation and cleaning if required.
- *Easy to use, rapid, excellent for all users* – The Neoss drill system is simple and sequential making placement very straightforward for all users.
- *Drill markings* – The visibility of drill markings has been further enhanced by an increased contrast, providing clear divisions for all implant depths. Neoss Tapered drills are laser marked with 'T' for identification.
- *Minimal number of drills* – Certain drills can be used for both ProActive and Tapered Implants, reducing the total number of drills required during placement.
- *Optional selections* – There is a Lance drill (depth markings at 3, 5 and 7 mm) for precise osteotomy positioning in all cases and a Pilot drill (Ø 2.2/3.0 mm, depth markings at 7 and 9 mm) for progressive drilling with no chatter and complete control. Screw taps and countersinks are available should that be required.

Assortment

Item no.	Description
41167	Standard Drill Kit (Includes Twist Drills Ø 2.2, 3.0, 3.4, 3.6 and 3.9)
41168	Supplementary Drill Kit (Supplement to 41167. Includes Twist Drills Ø 2.85, 3.2, 4.1, 4.4, 4.6, 4.9 and 5.1)
41153	Round Bur Ø 1.8 mm
41152	Lance Drill Ø 1.5 x 3/5/7 mm
41170	Pilot Drill Ø 2.2/3.0 mm
41154	Twist Drill Ø 2.2 x 7–17 mm
41156	Twist Drill Ø 2.85 x 7–17 mm
41157	Twist Drill Ø 3.0 x 7–17 mm
41158	Twist Drill Ø 3.2 x 7–17 mm
41159	Twist Drill Ø 3.4 x 7–17 mm
41160	Twist Drill Ø 3.6 x 7–17 mm
41161	Twist Drill Ø 3.9 x 7–17 mm
41162	Twist Drill Ø 4.1 x 7–17 mm
41163	Twist Drill Ø 4.4 x 7–17 mm
41164	Twist Drill Ø 4.6 x 7–17 mm
41165	Twist Drill Ø 4.9 x 7–17 mm
41166	Twist Drill Ø 5.1 x 7–17 mm
41172	Twist Drill, Tapered Ø 3.0 x 7–17 mm
41173	Twist Drill, Tapered Ø 3.4 x 7–17 mm
41174	Twist Drill, Tapered Ø 3.9 x 7–17 mm
41175	Twist Drill, Tapered Ø 4.4 x 7–17 mm
41176	Twist Drill, Tapered Ø 4.9 x 7–17 mm

Neoss Implant System Drilling Guides

NEOSS	ProActive Implant Ø3.25 mm	ProActive /Bimodal Implant Ø3.5 mm	ProActive /Bimodal Implant Ø4.0 mm	ProActive /Bimodal Implant Ø4.5 mm	ProActive /Bimodal Implant Ø5.0 mm	ProActive /Bimodal Implant Ø5.5 mm	Drill Stop
	Ø2.2	○	○	○	○	○	
Ø2.85	○	○	○	○	○	○	■
Ø3.0	●	○	○	○	○	○	■
Ø3.2	○	●	○	○	○	○	■
Ø3.4	○	○	○	○	○	○	■
Ø3.6	○	○	○	○	○	○	■
Ø3.9	○	○	○	○	○	○	■
Ø4.1	○	○	○	○	○	○	■
Ø4.4	○	○	○	○	○	○	■
Ø4.6	○	○	○	○	○	○	■
Ø4.9	○	○	○	○	○	○	■
Ø5.1	○	○	○	○	○	○	■
Countersink	Ø3.25 Optional use	Ø3.5 Optional use	Ø4.0 Optional use	Ø4.5 Optional use	Ø5.0 Optional use	Ø5.5 Optional use	
Screw Tap	Ø3.25 Optional use	Ø3.5 Optional use	Ø4.0 Optional use	Ø4.5 Optional use	Ø5.0 Optional use	Ø5.5 Optional use	
		Bone quality		○ Regular	● Dense		
				II	I		

Neoss ProActive® Implants



NEOSS	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	○ Regular		● Dense
		IV & III		II	I		

Neoss Tapered Implants



For more information please refer to the Neoss Implant System Guidelines (10501)

Neoss Ltd · Windsor House · Cornwall Road · Harrogate · HG1 2PW · United Kingdom · T +44 1423 817733 · F +44 1423 817744 · E info@neoss.com
 Neoss Inc. · 21860 Burbank Blvd., Ste. 190 · Woodland Hills, CA 91367 · T +1 818 432 2600 · F +1 818 432 2640 · E contact.usa@neoss.com
 Neoss Australia Pty. Ltd · P.O. Box 404 · New Farm Q 4005 · T +61 7 3216 0165 · F +61 7 3216 0135 · E info.au@neoss.com