



nexo™

Fillauer®

It's not endo or exo, it's nexo™

Fillauer's NEXO line provides simple, innovative alternatives for patients with transradial and transhumeral limb loss. All NEXO systems are easy-to-build and up to 50% lighter than existing prostheses.

Flexible PEEK Rods

NEXO's PEEK rods are lightweight and strong. Because of their flexibility, they reduce rotational and perpendicular vibration and provide force damping to the residual limb. The rods may be trimmed to length and bent for alignment changes.



Multiple Wrist Options

NEXO provides two wrist options: the USMC-style quick disconnect wrist, previously only available for use in an exoskeletal system, and a lightweight friction wrist.



NEXO Transhumeral

The NEXO system can easily connect to an E-200 or E-400 elbow or an E2 electric elbow. The transhumeral kit also includes a damping ring to further reduce vibration.

Elbow not included with kit.

NEXO Transradial

Transradial NEXO allows easy access for pull-in designs and provides the amputee with a transfer of force proximal to the cut bone end.

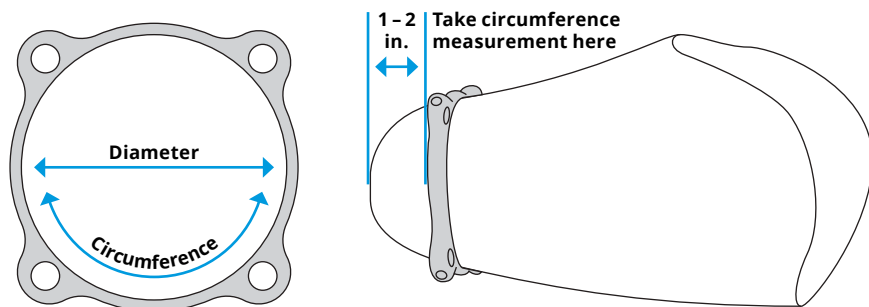


The transradial NEXO system offers two socket ring options: set screws for easy adjustment and adhesive for a low-profile, cosmetic finish.



NEXO Transradial Kits

To select the appropriate kit, measure the circumference 1 – 2 in. from the distal end of the patient model to determine the ring diameter.



NEXO Transradial Kit with Set Screw Attachment

Model	Circumference	Ring Diameter	Kit with Quick Disconnect Wrist	Kit with Friction Wrist
6 – 6 ½ in.	(15.2 – 16.5 cm)	2 in. (5.1 cm)	158100	158200
6 ¾ – 7 ¼ in.	(17.1 – 18.4 cm)	2 ¼ in. (5.7 cm)	158101	158201
7 ½ – 8 in.	(19.1 – 20.3 cm)	2 ½ in. (6.4 cm)	158102	158202
8 ¼ – 8 ¾ in.	(21 – 22.2 cm)	2 ¾ in. (7.0 cm)	158103	158203
9 – 9 ½ in.	(22.9 – 24.1 cm)	3 in. (7.6 cm)	158104	158204



NEXO set screw kit shown with Quick Disconnect Wrist

NEXO Transradial Kit with Adhesive Attachment

Model	Circumference	Ring Diameter	Kit with Quick Disconnect Wrist	Kit with Friction Wrist
6 – 6 ½ in.	(15.2 – 16.5 cm)	2 in. (5.1 cm)	158106	158206
6 ¾ – 7 ¼ in.	(17.1 – 18.4 cm)	2 ¼ in. (5.7 cm)	158107	158207
7 ½ – 8 in.	(19.1 – 20.3 cm)	2 ½ in. (6.4 cm)	158108	158208
8 ¼ – 8 ¾ in.	(21 – 22.2 cm)	2 ¾ in. (7.0 cm)	158109	158209
9 – 9 ½ in.	(22.9 – 24.1 cm)	3 in. (7.6 cm)	158110	158210



NEXO adhesive kit shown with Friction Wrist

NEXO Replacement Socket Rings

Model	Circumference	Ring Diameter	Set Screw Attachment	Adhesive Attachment
6 – 6 ½ in.	(15.2 – 16.5 cm)	2 in. (5.1 cm)	158150	158156
6 ¾ – 7 ¼ in.	(17.1 – 18.4 cm)	2 ¼ in. (5.7 cm)	158151	158157
7 ½ – 8 in.	(19.1 – 20.3 cm)	2 ½ in. (6.4 cm)	158152	158158
8 ¼ – 8 ¾ in.	(21 – 22.2 cm)	2 ¾ in. (7.0 cm)	158153	158159
9 – 9 ½ in.	(22.9 – 24.1 cm)	3 in. (7.6 cm)	158154	158160

Socket ring includes fabrication dummy and set screws where applicable.

Patent pending

NEXO Transradial Replacement Parts

Model	Description
158170	NEXO Quick Disconnect Wrist, Transradial ½-20
158171	NEXO Wrist Adapter Ring, Transradial
158172	NEXO Friction Wrist, Transradial
158161	PEEK Rod, ¼ × 8 in., Transradial
158525	NEXO Lift Tab
158190	NEXO 4-Rod Damping Ring
880102	Set Screw, 10-32 × ¾ in.



NEXO Transhumeral Kits

Description	Elbow Diameter	Kit with Quick Disconnect Wrist	Kit with Friction Wrist
NEXO Kit for Medium Elbows	2.4 in. (6.1 cm)	158500	158600
NEXO Kit for Large Elbows	2.8 in. (7.1 cm)	158501	158601

Patent pending

E-200 Medium Elbows for NEXO

Description	Locking Positions	Elbow Diameter	Elbow
NEXO E-200, with Outside Cable	11	2.4 in. (6.1 cm)	50690
NEXO E-200HD, with Outside Cable	9	2.4 in. (6.1 cm)	50691

E-400 Large Elbows for NEXO

Description	Locking Positions	Elbow Diameter	Elbow
NEXO E-400, with Outside Cable	11	2.8 in. (7.1 cm)	50692
NEXO E-400HD, with Outside Cable	8	2.8 in. (7.1 cm)	50693
NEXO Powerbow, Stainless Steel with Outside Cable Exit	8	2.8 in. (7.1 cm)	60667

E2 Electric Elbow available from Motion Control

Description	Size	Elbow Diameter	Elbow
E2 Electric Elbow	Medium	2.4 in. (6.1 cm)	5010096
E2 Electric Elbow	Large	2.8 in. (7.1 cm)	5010099



NEXO Transhumeral with Quick Disconnect Wrist includes five PEEK rods, saddle uprights, upright connector, lift tab, and five-rod damping ring.



NEXO Transhumeral with Friction Wrist includes five PEEK rods, saddle uprights, upright connector, lift tab, and five-rod damping ring.

NEXO Transhumeral Replacement Parts

Model	Description
158280	NEXO Quick Disconnect Wrist, Transhumeral ½-20
158281	NEXO Wrist Adapter Ring, Transhumeral
158282	NEXO Friction Wrist, Transhumeral
158162	PEEK Rod, ¼ × 12 in., Transhumeral
158520	NEXO E-Series Saddle Upright RH
158521	NEXO E-Series Saddle Upright LH
158522	NEXO E-200 Upright Connector
158523	NEXO E-400 Upright Connector
158525	NEXO Lift Tab
158290	NEXO 5-Rod Damping Ring
880092	Screw 6-32 × ¼ in.
880102	Set Screw, 10-32 × ⅜ in.

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