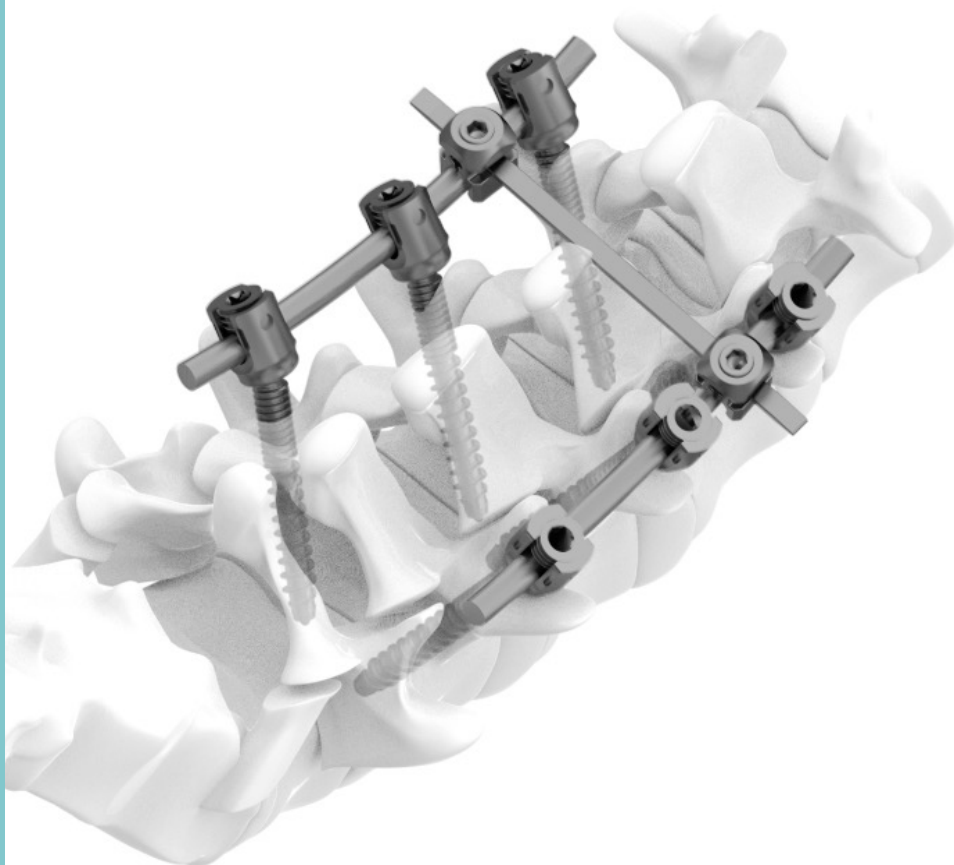


NEPTUNE-II 5.5

Posterior Spinal Fixation System - Degenerative



INTRODUCTION

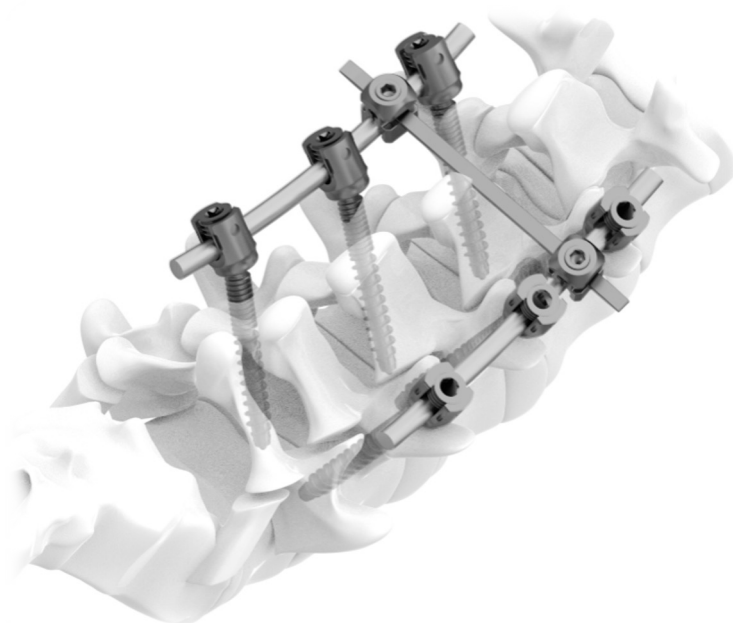
The new NEPTUNE-II™ 5.5 Spinal Fixation System is a comprehensive system of instruments and implants designed to address instability in the thoracic, lumbar, and sacral spine. Simplified instrumentation and a broad selection of titanium implants help to ensure optimal and reproducible results.

Based on principles of speed, security and simplicity, the NEPTUNE-II™ 5.5 Spinal Fixation System is a familiar top-loading multi-axial screw system with an enhanced locking mechanism, a lower functional profile, and an ergonomically designed instrument set. The NEPTUNE-II™ Multi-Axial Screw System is designed to facilitate the placement of pedicle screws through versatility and ease of use. The multi-axial capability provides freedom in any direction. This multi-axial capability allows for easier rod placement and reduction, even when the screws are not perfectly aligned with one another.



Indications for Use

The NEPTUNE-II™ 5.5 Spinal Fixation System is intended for use as a posterior spinal fixation device to aid in the surgical correction of various deformities and pathologies in the thoracic, lumbar, sacral and iliac region of the spine.



Implant Features

■ Pedicle Screws

Max 40° conical angulation for Multi-Axial Screws

Dual lead threadform for optimized bone purchase

- Cortical thread engages the pedicle.
- Cancellous thread engages the vertebral body
- Self-tapping profile

With a 4.5-7.5 mm diameter in half-millimeter increments

Type-II anodization.

■ Set Screw

Negative angle buttress-thread closure mechanism minimizes head splay and cross-threading

StarDrive recess provides an improved torque transmission to the set screw

■ 5.5 Multi-Axial Crosslink Plate (optional)

Offers fast and simple in-situ placement

Simple anatomical adjustment possible

■ Dynamic Rod (optional)

Provides motion increase compared to rigid rod



IMPLANT INFORMATION

[Material in Titanium Alloy (Ti-6Al-4V)]

Multi-Axial Screw, 5.5



Standard



Reduction

DIA (mm)	LEN (mm)	REF (Standard Screws)	REF (Reduction Screws)
4.5	30	MOI 37113030	MOI 37119030
4.5	35	MOI 37113035	MOI 37119035
4.5	40	MOI 37113040	MOI 37119040
4.5	45	MOI 37113045	MOI 37119045
4.5	50	MOI 37113050	MOI 37119050
5.0	30	MOI 37114030	MOI 37120030
5.0	35	MOI 37114035	MOI 37120035
5.0	40	MOI 37114040	MOI 37120040
5.0	45	MOI 37114045	MOI 37120045
5.0	50	MOI 37114050	MOI 37120050
5.5	30	MOI 37115030	MOI 37121030
5.5	35	MOI 37115035	MOI 37121035
5.5	40	MOI 37115040	MOI 37121040
5.5	45	MOI 37115045	MOI 37121045
5.5	50	MOI 37115050	MOI 37121050
5.5	55	MOI 37115055	MOI 37121055
5.5	60	MOI 37115060	MOI 37121060
6.0	30	MOI 37116030	MOI 37122030
6.0	35	MOI 37116035	MOI 37122035
6.0	40	MOI 37116040	MOI 37122040
6.0	45	MOI 37116045	MOI 37122045
6.0	50	MOI 37116050	MOI 37122050
6.0	55	MOI 37116055	MOI 37122055
6.0	60	MOI 37116060	MOI 37122060
6.5	30	MOI 37117030	MOI 37123030
6.5	35	MOI 37117035	MOI 37123035
6.5	40	MOI 37117040	MOI 37123040
6.5	45	MOI 37117045	MOI 37123045
6.5	50	MOI 37117050	MOI 37123050
6.5	55	MOI 37117055	MOI 37123055
6.5	60	MOI 37117060	MOI 37123060
7.0	30	MOI 37118030	MOI 37124030
7.0	35	MOI 37118035	MOI 37124035
7.0	40	MOI 37118040	MOI 37124040
7.0	45	MOI 37118045	MOI 37124045
7.0	50	MOI 37118050	MOI 37124050
7.0	55	MOI 37118055	MOI 37124055
7.0	60	MOI 37118060	MOI 37124060
7.5	30	MOI 37432030	MOI 37436030
7.5	35	MOI 37432035	MOI 37436035
7.5	40	MOI 37432040	MOI 37436040
7.5	45	MOI 37432045	MOI 37436045
7.5	50	MOI 37432050	MOI 37436050
7.5	55	MOI 37432055	MOI 37436055
7.5	60	MOI 37432060	MOI 37436060

Fixed Angle Screw, 5.5



Standard



Reduction

DIA (mm)	LEN (mm)	REF (Standard Screws)	REF (Reduction Screws)
4.5	30	MOI 37125030	MOI 37131030
4.5	35	MOI 37125035	MOI 37131035
4.5	40	MOI 37125040	MOI 37131040
4.5	45	MOI 37125045	MOI 37131045
4.5	50	MOI 37125050	MOI 37131050
5.0	30	MOI 37126030	MOI 37132030
5.0	35	MOI 37126035	MOI 37132035
5.0	40	MOI 37126040	MOI 37132040
5.0	45	MOI 37126045	MOI 37132045
5.0	50	MOI 37126050	MOI 37132050
5.5	30	MOI 37127030	MOI 37133030
5.5	35	MOI 37127035	MOI 37133035
5.5	40	MOI 37127040	MOI 37133040
5.5	45	MOI 37127045	MOI 37133045
5.5	50	MOI 37127050	MOI 37133050
5.5	55	MOI 37127055	MOI 37133055
5.5	60	MOI 37127060	MOI 37133060
6.0	30	MOI 37128030	MOI 37134030
6.0	35	MOI 37128035	MOI 37134035
6.0	40	MOI 37128040	MOI 37134040
6.0	45	MOI 37128045	MOI 37134045
6.0	50	MOI 37128050	MOI 37134050
6.0	55	MOI 37128055	MOI 37134055
6.0	60	MOI 37128060	MOI 37134060
6.5	30	MOI 37129030	MOI 37135030
6.5	35	MOI 37129035	MOI 37135035
6.5	40	MOI 37129040	MOI 37135040
6.5	45	MOI 37129045	MOI 37135045
6.5	50	MOI 37129050	MOI 37135050
6.5	55	MOI 37129055	MOI 37135055
6.5	60	MOI 37129060	MOI 37135060
7.0	30	MOI 37130030	MOI 37136030
7.0	35	MOI 37130035	MOI 37136035
7.0	40	MOI 37130040	MOI 37136040
7.0	45	MOI 37130045	MOI 37136045
7.0	50	MOI 37130050	MOI 37136050
7.0	55	MOI 37130055	MOI 37136055
7.0	60	MOI 37130060	MOI 37136060
7.5	30	MOI 37440030	MOI 37444030
7.5	35	MOI 37440035	MOI 37444035
7.5	40	MOI 37440040	MOI 37444040
7.5	45	MOI 37440045	MOI 37444045
7.5	50	MOI 37440050	MOI 37444050
7.5	55	MOI 37440055	MOI 37444055
7.5	60	MOI 37440060	MOI 37444060

IMPLANT INFORMATION

[Material in Titanium Alloy (Ti-6Al-4V)]



Set Screw

SIZE	REF
5.5	MOI 37137055



5.5 Multi-Axial Crosslink Plate

SIZE	REF
32 – 40 mm	MOI 37301032
42 – 48 mm	MOI 37301042
50 – 66 mm	MOI 37301050



Crosslink Bar

LENGTH	REF
50 mm	MOI 37142050
60 mm	MOI 37142060
70 mm	MOI 37142070
80 mm	MOI 37142080
90 mm	MOI 37142090
100 mm	MOI 37142100



Crosslink Connector

SIZE	REF
5.5	MOI 37141055

Rigid Rod, 5.5



DIA (mm)	LEN (mm)	REF
5.5	40	MOI 37139040
5.5	45	MOI 37139045
5.5	50	MOI 37139050
5.5	55	MOI 37139055
5.5	60	MOI 37139060
5.5	70	MOI 37139070
5.5	80	MOI 37139080
5.5	90	MOI 37139090
5.5	100	MOI 37139100
5.5	110	MOI 37139110
5.5	120	MOI 37139120
5.5	250	MOI 37139250
5.5	500	MOI 37139500



Dynamic Rod, 5.5 (optional)

DIA (mm)	LEN (mm)	REF
5.5	55	MOI 37140055
5.5	60	MOI 37140060
5.5	65	MOI 37140065
5.5	70	MOI 37140070
5.5	75	MOI 37140075
5.5	80	MOI 37140080
5.5	85	MOI 37140085
5.5	90	MOI 37140090
5.5	95	MOI 37140095
5.5	100	MOI 37140100
5.5	110	MOI 37140110
5.5	120	MOI 37140120
5.5	130	MOI 37140130



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