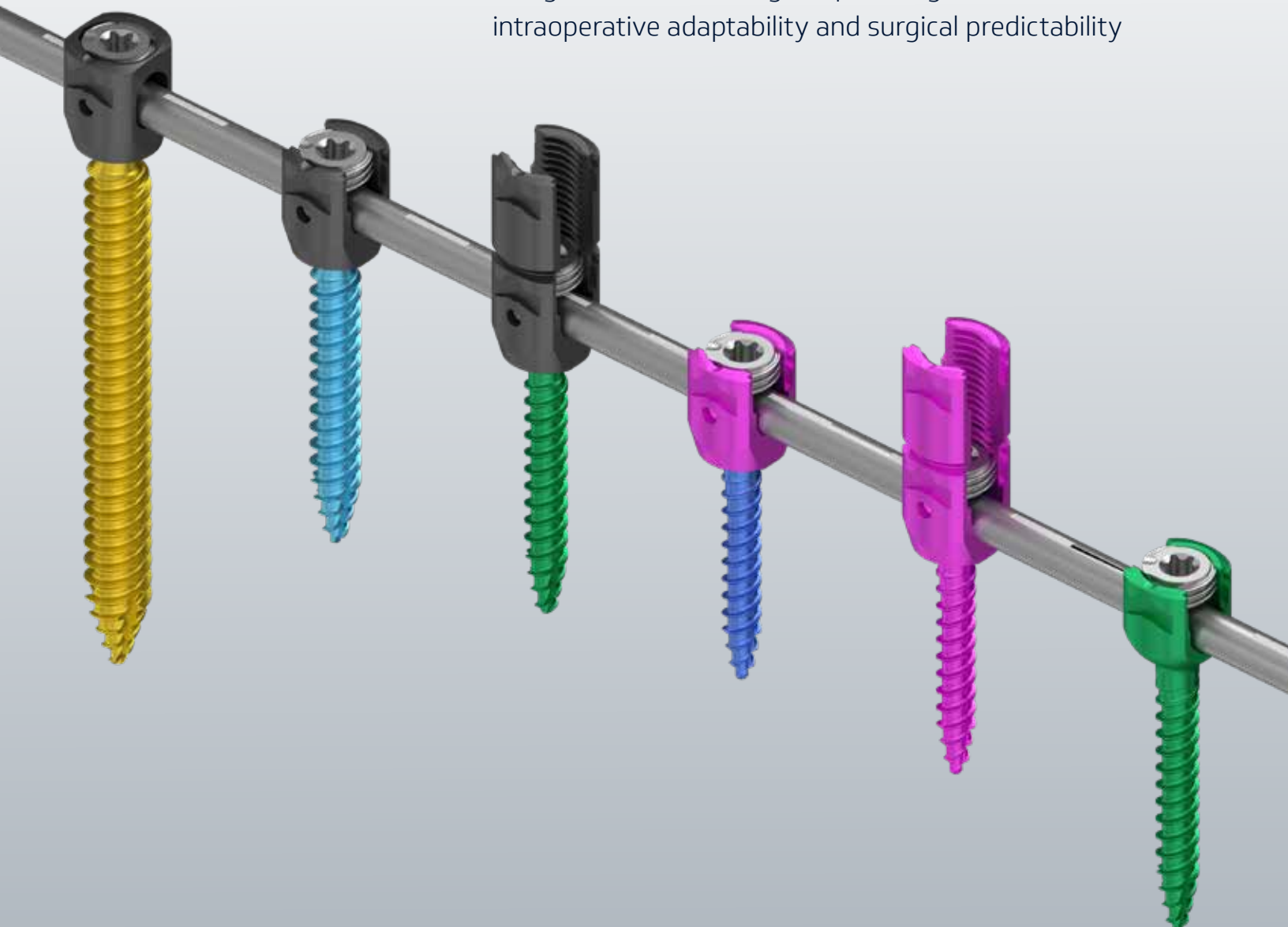


ATEC's Comprehensive Spinal Fixation Approach

Designed to treat a range of pathologies with intraoperative adaptability and surgical predictability

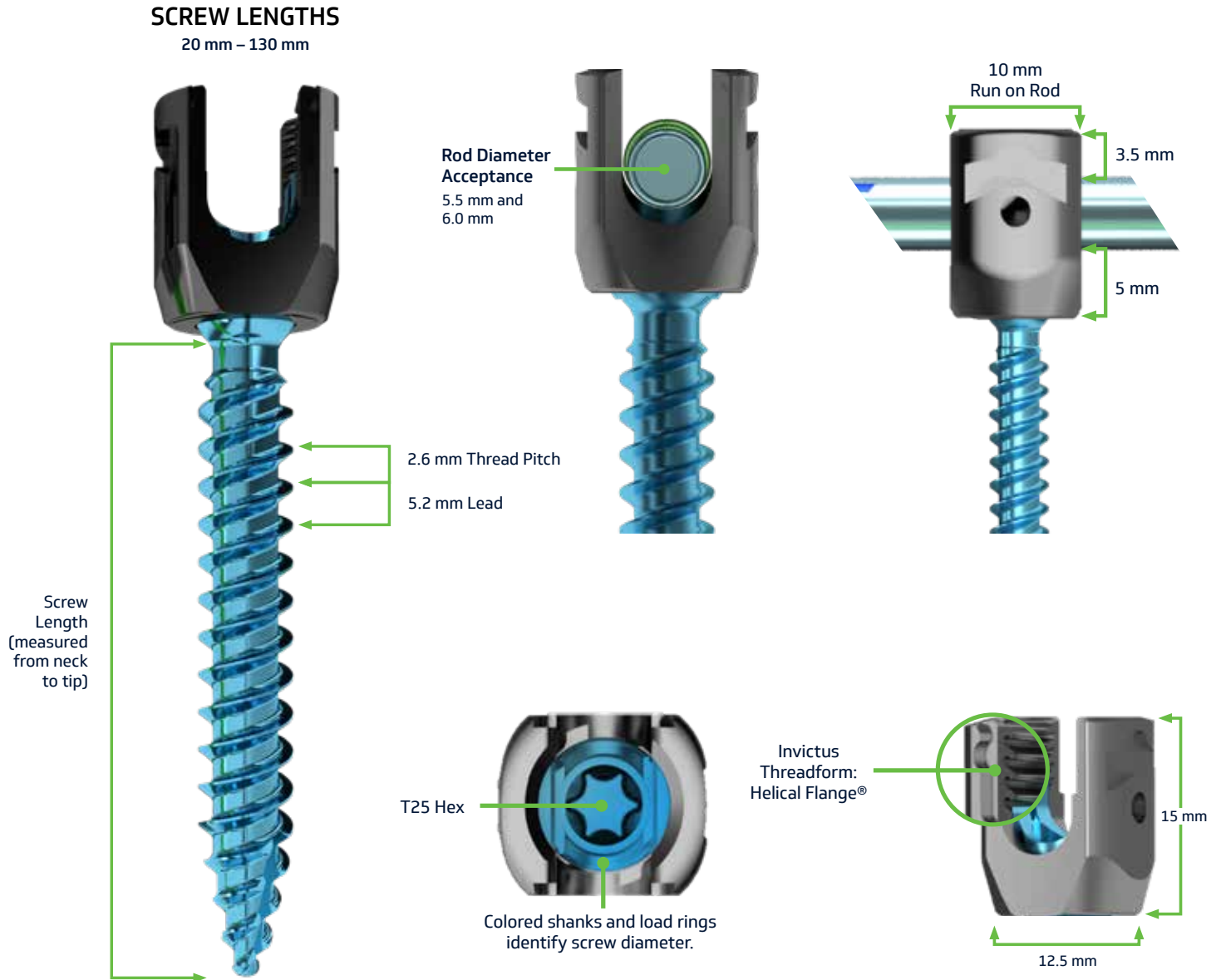


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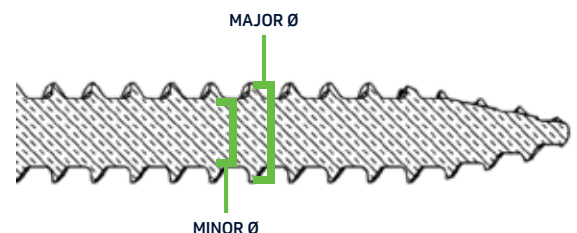
IMPLANT PROFILE: _____

- The portfolio includes a variety of screws with low-profile tulips and dual-lead shank threads.



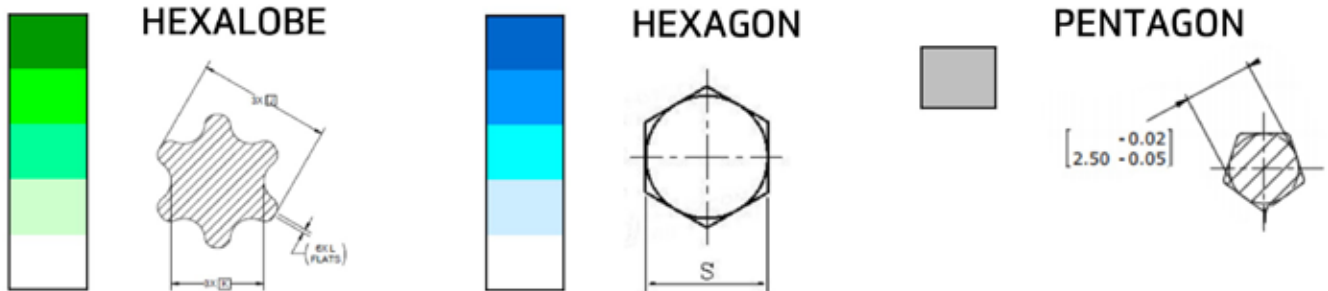
SCREW DIAMETERS

MAJOR mm	4.0	4.5	5.0	5.5	6.0	6.5	7.5	8.5	9.5	10.5	11.5	12.5
MINOR mm	2.8	3.1	3.5	3.8	4.1	4.5	5.2	8.9	6.6	7.2	8.8	9.0



DRIVER INTERFACES OF ATEC'S FIXATION SYSTEMS:

System	Set Screw	Screw	Bridge/Crosslink		Connectors	Handle Connection
ARSENAL*	T27	T25	T25		T27	¼" SQUARE
ASPIDA	-	T27	-		-	¼" SQUARE
AVALON	T15	T15	-		-	A/O
BRIDGEPOINT	T12	-	-		-	A/O
HEMI/TTL-D/EASYS	4.5 mm HEX	3.5 mm HEX	2.5 mm PENTAGON		-	HUDSON
ILLICO	T30	3.5 mm HEX	-		-	FD
ILLICO NAVIGATION	T30	3.5 mm HEX	-		-	¼" SQUARE
ILLICO FS	-	T25 FEMALE	-		-	¼" SQUARE
INVICTUS/KODIAK**	T27	T25	T25		T27	¼" SQUARE
OSSEOSCREW	T30	3.5 mm HEX	-		-	FD
PHYGEN	T25	3.5 mm HEX	-		2.5 mm HEX	¼" SQUARE
ROC/CORE	8.0 mm HEX	-	T15		T15	FD
SOLANAS***	T15	2.5 mm HEX	2.0 mm HEX		2.5/3.5 mm HEX	A/O
TRESTLE	-	2.5 mm HEX	-		-	A/O
TRESTLE LUXE	-	T10	-		-	A/O
XENON	4.5 mm HEX	TRI-PRONG	3.0 mm HEX		-	HUDSON
ZODIAC****	T30	3.5 mm HEX	3.0 mm HEX		3.5 mm HEX	FD



* Includes Arsenal Degen, Deformity, CBx, and Navigation

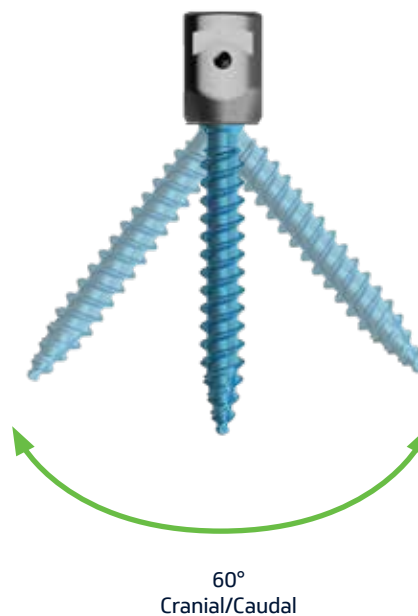
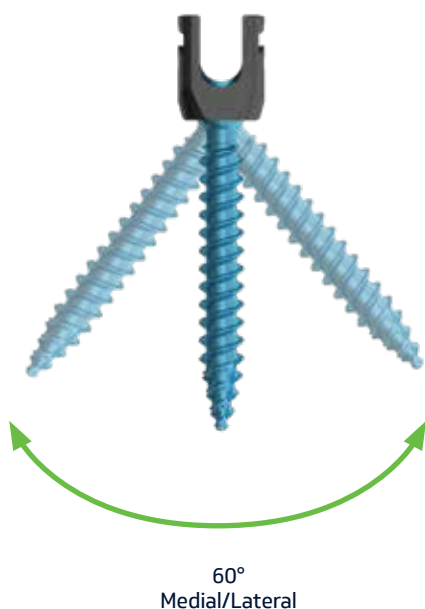
** Includes Invictus OPEN and MIS

*** 2.5 mm Hex for the Lateral & Parallel Connector and 3.5 mm for the Axial Connector

**** Includes Zodiac Degen and Deformity. Additional information for Zodiac Deformity includes T20 interface with the Iliac Bone Screws.

POLYAXIAL SCREW FEATURES:

- Polyaxial screws offer 60° of angulation to facilitate rod normalization.
- Polyaxial tulips have friction fit to help maintain their position.



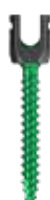
POLYAXIAL SCREWS



Part #	Description
■ 15004-040-020	Polyaxial Screw, 4.0 mm x 20 mm
■ 15004-040-025	Polyaxial Screw, 4.0 mm x 25 mm
■ 15004-040-030	Polyaxial Screw, 4.0 mm x 30 mm
■ 15004-040-035	Polyaxial Screw, 4.0 mm x 35 mm
■ 15004-040-040	Polyaxial Screw, 4.0 mm x 40 mm
■ 15004-040-045	Polyaxial Screw, 4.0 mm x 45 mm
15004-040-050	Polyaxial Screw, 4.0 mm x 50 mm
15004-040-055	Polyaxial Screw, 4.0 mm x 55 mm
15004-040-060	Polyaxial Screw, 4.0 mm x 60 mm
■ 15004-045-020	Polyaxial Screw, 4.5 mm x 20 mm
■ 15004-045-025	Polyaxial Screw, 4.5 mm x 25 mm
■ 15004-045-030	Polyaxial Screw, 4.5 mm x 30 mm
■ 15004-045-035	Polyaxial Screw, 4.5 mm x 35 mm
■ 15004-045-040	Polyaxial Screw, 4.5 mm x 40 mm
■ 15004-045-045	Polyaxial Screw, 4.5 mm x 45 mm
15004-045-050	Polyaxial Screw, 4.5 mm x 50 mm
15004-045-055	Polyaxial Screw, 4.5 mm x 55 mm
15004-045-060	Polyaxial Screw, 4.5 mm x 60 mm



Part #	Description
15004-050-020	Polyaxial Screw, 5.0 mm x 20 mm
■ 15004-050-025	Polyaxial Screw, 5.0 mm x 25 mm
■ 15004-050-030	Polyaxial Screw, 5.0 mm x 30 mm
■ 15004-050-035	Polyaxial Screw, 5.0 mm x 35 mm
■ 15004-050-040	Polyaxial Screw, 5.0 mm x 40 mm
■ 15004-050-045	Polyaxial Screw, 5.0 mm x 45 mm
15004-050-050	Polyaxial Screw, 5.0 mm x 50 mm
15004-050-055	Polyaxial Screw, 5.0 mm x 55 mm
15004-050-060	Polyaxial Screw, 5.0 mm x 60 mm
15004-055-020	Polyaxial Screw, 5.5 mm x 20 mm
15004-055-025	Polyaxial Screw, 5.5 mm x 25 mm
■ 15004-055-030	Polyaxial Screw, 5.5 mm x 30 mm
■ 15004-055-035	Polyaxial Screw, 5.5 mm x 35 mm
■ 15004-055-040	Polyaxial Screw, 5.5 mm x 40 mm
■ 15004-055-045	Polyaxial Screw, 5.5 mm x 45 mm
■ 15004-055-050	Polyaxial Screw, 5.5 mm x 50 mm
15004-055-055	Polyaxial Screw, 5.5 mm x 55 mm
15004-055-060	Polyaxial Screw, 5.5 mm x 60 mm



■ Standard in Set: VOPIM

■ Standard in Set: VOTPIM

POLYAXIAL SCREWS



Part #	Description
15004-060-020	Polyaxial Screw, 6.0 mm x 20 mm
15004-060-025	Polyaxial Screw, 6.0 mm x 25 mm
15004-060-030	Polyaxial Screw, 6.0 mm x 30 mm
15004-060-035	Polyaxial Screw, 6.0 mm x 35 mm
15004-060-040	Polyaxial Screw, 6.0 mm x 40 mm
15004-060-045	Polyaxial Screw, 6.0 mm x 45 mm
15004-060-050	Polyaxial Screw, 6.0 mm x 50 mm
15004-060-055	Polyaxial Screw, 6.0 mm x 55 mm
15004-060-060	Polyaxial Screw, 6.0 mm x 60 mm
15004-065-025	Polyaxial Screw, 6.5 mm x 25 mm
15004-065-030	Polyaxial Screw, 6.5 mm x 30 mm
■ 15004-065-035	Polyaxial Screw, 6.5 mm x 35 mm
■ 15004-065-040	Polyaxial Screw, 6.5 mm x 40 mm
■ 15004-065-045	Polyaxial Screw, 6.5 mm x 45 mm
■ 15004-065-050	Polyaxial Screw, 6.5 mm x 50 mm
■ 15004-065-055	Polyaxial Screw, 6.5 mm x 55 mm
15004-065-060	Polyaxial Screw, 6.5 mm x 60 mm
15004-075-030	Polyaxial Screw, 7.5 mm x 30 mm
■ 15004-075-035	Polyaxial Screw, 7.5 mm x 35 mm
■ 15004-075-040	Polyaxial Screw, 7.5 mm x 40 mm
■ 15004-075-045	Polyaxial Screw, 7.5 mm x 45 mm
■ 15004-075-050	Polyaxial Screw, 7.5 mm x 50 mm
■ 15004-075-055	Polyaxial Screw, 7.5 mm x 55 mm
15004-085-030	Polyaxial Screw, 8.5 mm x 30 mm
15004-085-035	Polyaxial Screw, 8.5 mm x 35 mm
■ 15004-085-040	Polyaxial Screw, 8.5 mm x 40 mm
■ 15004-085-045	Polyaxial Screw, 8.5 mm x 45 mm
■ 15004-085-050	Polyaxial Screw, 8.5 mm x 50 mm
■ 15004-085-055	Polyaxial Screw, 8.5 mm x 55 mm



Part #	Description
15004-095-030	Polyaxial Screw, 9.5 mm x 30 mm
■ 15004-095-035	Polyaxial Screw, 9.5 mm x 35 mm
■ 15004-095-040	Polyaxial Screw, 9.5 mm x 40 mm
■ 15004-095-045	Polyaxial Screw, 9.5 mm x 45 mm
■ 15004-095-050	Polyaxial Screw, 9.5 mm x 50 mm
■ 15004-095-055	Polyaxial Screw, 9.5 mm x 55 mm
15004-105-030	Polyaxial Screw, 10.5 mm x 30 mm
■ 15004-105-035	Polyaxial Screw, 10.5 mm x 35 mm
■ 15004-105-040	Polyaxial Screw, 10.5 mm x 40 mm
■ 15004-105-045	Polyaxial Screw, 10.5 mm x 45 mm
■ 15004-105-050	Polyaxial Screw, 10.5 mm x 50 mm
■ 15004-105-055	Polyaxial Screw, 10.5 mm x 55 mm
15004-115-030	Polyaxial Screw, 11.5 mm x 30 mm
15004-115-035	Polyaxial Screw, 11.5 mm x 35 mm
15004-115-040	Polyaxial Screw, 11.5 mm x 40 mm
15004-115-045	Polyaxial Screw, 11.5 mm x 45 mm
15004-115-050	Polyaxial Screw, 11.5 mm x 50 mm
15004-115-055	Polyaxial Screw, 11.5 mm x 55 mm
15004-125-030	Polyaxial Screw, 12.5 mm x 30 mm
15004-125-035	Polyaxial Screw, 12.5 mm x 35 mm
15004-125-040	Polyaxial Screw, 12.5 mm x 40 mm
15004-125-045	Polyaxial Screw, 12.5 mm x 45 mm
15004-125-050	Polyaxial Screw, 12.5 mm x 50 mm
15004-125-055	Polyaxial Screw, 12.5 mm x 55 mm

 Standard in Set: VOPIM

 Standard in Set: VOEXIN

ILIAC POLYAXIAL SCREWS

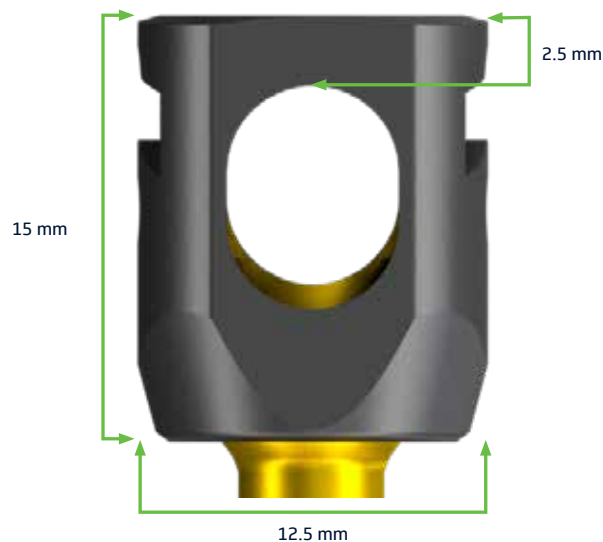
Part #	Description
15004-075-060	Iliac Polyaxial Screw, 7.5 mm x 60 mm
15004-075-070	Iliac Polyaxial Screw, 7.5 mm x 70 mm
15004-075-080	Iliac Polyaxial Screw, 7.5 mm x 80 mm
15004-075-090	Iliac Polyaxial Screw, 7.5 mm x 90 mm
15004-075-100	Iliac Polyaxial Screw, 7.5 mm x 100 mm
15004-075-110	Iliac Polyaxial Screw, 7.5 mm x 110 mm
15004-075-120	Iliac Polyaxial Screw, 7.5 mm x 120 mm
15004-075-130	Iliac Polyaxial Screw, 7.5 mm x 130 mm
15004-085-060	Iliac Polyaxial Screw, 8.5 mm x 60 mm
15004-085-070	Iliac Polyaxial Screw, 8.5 mm x 70 mm
15004-085-080	Iliac Polyaxial Screw, 8.5 mm x 80 mm
15004-085-090	Iliac Polyaxial Screw, 8.5 mm x 90 mm
15004-085-100	Iliac Polyaxial Screw, 8.5 mm x 100 mm
15004-085-110	Iliac Polyaxial Screw, 8.5 mm x 110 mm
15004-085-120	Iliac Polyaxial Screw, 8.5 mm x 120 mm
15004-085-130	Iliac Polyaxial Screw, 8.5 mm x 130 mm
15004-095-060	Iliac Polyaxial Screw, 9.5 mm x 60 mm
15004-095-070	Iliac Polyaxial Screw, 9.5 mm x 70 mm
15004-095-080	Iliac Polyaxial Screw, 9.5 mm x 80 mm
15004-095-090	Iliac Polyaxial Screw, 9.5 mm x 90 mm
15004-095-100	Iliac Polyaxial Screw, 9.5 mm x 100 mm
15004-095-110	Iliac Polyaxial Screw, 9.5 mm x 110 mm
15004-095-120	Iliac Polyaxial Screw, 9.5 mm x 120 mm
15004-095-130	Iliac Polyaxial Screw, 9.5 mm x 130 mm

Part #	Description
15004-105-060	Iliac Polyaxial Screw, 10.5 mm x 60 mm
15004-105-070	Iliac Polyaxial Screw, 10.5 mm x 70 mm
15004-105-080	Iliac Polyaxial Screw, 10.5 mm x 80 mm
15004-105-090	Iliac Polyaxial Screw, 10.5 mm x 90 mm
15004-105-100	Iliac Polyaxial Screw, 10.5 mm x 100 mm
15004-105-110	Iliac Polyaxial Screw, 10.5 mm x 110 mm
15004-105-120	Iliac Polyaxial Screw, 10.5 mm x 120 mm
15004-105-130	Iliac Polyaxial Screw, 10.5 mm x 130 mm
15004-115-060	Iliac Polyaxial Screw, 11.5 mm x 60 mm
15004-115-070	Iliac Polyaxial Screw, 11.5 mm x 70 mm
15004-115-080	Iliac Polyaxial Screw, 11.5 mm x 80 mm
15004-115-090	Iliac Polyaxial Screw, 11.5 mm x 90 mm
15004-115-100	Iliac Polyaxial Screw, 11.5 mm x 100 mm
15004-115-110	Iliac Polyaxial Screw, 11.5 mm x 110 mm
15004-115-120	Iliac Polyaxial Screw, 11.5 mm x 120 mm
15004-115-130	Iliac Polyaxial Screw, 11.5 mm x 130 mm
15004-125-060	Iliac Polyaxial Screw, 12.5 mm x 60 mm
15004-125-070	Iliac Polyaxial Screw, 12.5 mm x 70 mm
15004-125-080	Iliac Polyaxial Screw, 12.5 mm x 80 mm
15004-125-090	Iliac Polyaxial Screw, 12.5 mm x 90 mm
15004-125-100	Iliac Polyaxial Screw, 12.5 mm x 100 mm
15004-125-110	Iliac Polyaxial Screw, 12.5 mm x 110 mm
15004-125-120	Iliac Polyaxial Screw, 12.5 mm x 120 mm
15004-125-130	Iliac Polyaxial Screw, 12.5 mm x 130 mm

Standard in Set: VOILIM

CLOSED ILIAC POLYAXIAL SCREW FEATURES:

- Closed iliac polyaxial screws feature a 2.5 mm thick closed bridge to reduce cantilever effects in long constructs.



CLOSED ILIAC POLYAXIAL SCREWS

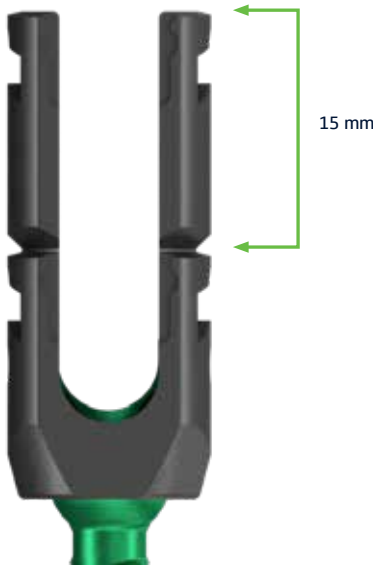
Part #	Description
15074-075-060	Closed Iliac Polyaxial Screw, 7.5 mm x 60 mm
■ 15074-075-070	Closed Iliac Polyaxial Screw, 7.5 mm x 70 mm
■ 15074-075-080	Closed Iliac Polyaxial Screw, 7.5 mm x 80 mm
15074-075-090	Closed Iliac Polyaxial Screw, 7.5 mm x 90 mm
15074-075-100	Closed Iliac Polyaxial Screw, 7.5 mm x 100 mm
15074-075-110	Closed Iliac Polyaxial Screw, 7.5 mm x 110 mm
15074-075-120	Closed Iliac Polyaxial Screw, 7.5 mm x 120 mm
15074-075-130	Closed Iliac Polyaxial Screw, 7.5 mm x 130 mm
15074-085-060	Closed Iliac Polyaxial Screw, 8.5 mm x 60 mm
15074-085-070	Closed Iliac Polyaxial Screw, 8.5 mm x 70 mm
■ 15074-085-080	Closed Iliac Polyaxial Screw, 8.5 mm x 80 mm
■ 15074-085-090	Closed Iliac Polyaxial Screw, 8.5 mm x 90 mm
■ 15074-085-100	Closed Iliac Polyaxial Screw, 8.5 mm x 100 mm
15074-085-110	Closed Iliac Polyaxial Screw, 8.5 mm x 110 mm
15074-085-120	Closed Iliac Polyaxial Screw, 8.5 mm x 120 mm
15074-085-130	Closed Iliac Polyaxial Screw, 8.5 mm x 130 mm
15074-095-060	Closed Iliac Polyaxial Screw, 9.5 mm x 60 mm
15074-095-070	Closed Iliac Polyaxial Screw, 9.5 mm x 70 mm
■ 15074-095-080	Closed Iliac Polyaxial Screw, 9.5 mm x 80 mm
■ 15074-095-090	Closed Iliac Polyaxial Screw, 9.5 mm x 90 mm
■ 15074-095-100	Closed Iliac Polyaxial Screw, 9.5 mm x 100 mm
15074-095-110	Closed Iliac Polyaxial Screw, 9.5 mm x 110 mm
15074-095-120	Closed Iliac Polyaxial Screw, 9.5 mm x 120 mm
15074-095-130	Closed Iliac Polyaxial Screw, 9.5 mm x 130 mm

Part #	Description
15074-105-060	Closed Iliac Polyaxial Screw, 10.5 mm x 60 mm
15074-105-070	Closed Iliac Polyaxial Screw, 10.5 mm x 70 mm
15074-105-080	Closed Iliac Polyaxial Screw, 10.5 mm x 80 mm
15074-105-090	Closed Iliac Polyaxial Screw, 10.5 mm x 90 mm
15074-105-100	Closed Iliac Polyaxial Screw, 10.5 mm x 100 mm
15074-105-110	Closed Iliac Polyaxial Screw, 10.5 mm x 110 mm
15074-105-120	Closed Iliac Polyaxial Screw, 10.5 mm x 120 mm
15074-105-130	Closed Iliac Polyaxial Screw, 10.5 mm x 130 mm
15074-115-070	Closed Iliac Polyaxial Screw, 11.5 mm x 70 mm
15074-115-080	Closed Iliac Polyaxial Screw, 11.5 mm x 80 mm
15074-115-090	Closed Iliac Polyaxial Screw, 11.5 mm x 90 mm
15074-115-100	Closed Iliac Polyaxial Screw, 11.5 mm x 100 mm
15074-115-110	Closed Iliac Polyaxial Screw, 11.5 mm x 110 mm
15074-115-120	Closed Iliac Polyaxial Screw, 11.5 mm x 120 mm
15074-115-130	Closed Iliac Polyaxial Screw, 11.5 mm x 130 mm
15074-125-070	Closed Iliac Polyaxial Screw, 12.5 mm x 70 mm
15074-125-080	Closed Iliac Polyaxial Screw, 12.5 mm x 80 mm
15074-125-090	Closed Iliac Polyaxial Screw, 12.5 mm x 90 mm
15074-125-100	Closed Iliac Polyaxial Screw, 12.5 mm x 100 mm
15074-125-110	Closed Iliac Polyaxial Screw, 12.5 mm x 110 mm
15074-125-120	Closed Iliac Polyaxial Screw, 12.5 mm x 120 mm
15074-125-130	Closed Iliac Polyaxial Screw, 12.5 mm x 130 mm

■ Standard in Set: VOILIM

POLYAXIAL REDUCTION SCREW FEATURES:

- Polyaxial reduction screws add 15 mm of thread for instrument free reduction.



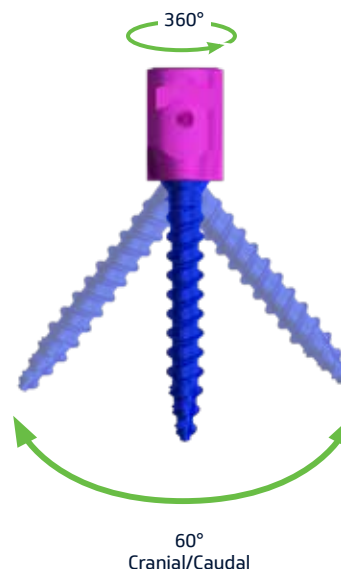
POLYAXIAL REDUCTION SCREWS

Part #	Description
15014-045-020	Polyaxial Reduction Screw, 4.5 mm x 20 mm
15014-045-025	Polyaxial Reduction Screw, 4.5 mm x 25 mm
■ 15014-045-030	Polyaxial Reduction Screw, 4.5 mm x 30 mm
■ 15014-045-035	Polyaxial Reduction Screw, 4.5 mm x 35 mm
■ 15014-045-040	Polyaxial Reduction Screw, 4.5 mm x 40 mm
■ 15014-045-045	Polyaxial Reduction Screw, 4.5 mm x 45 mm
15014-045-050	Polyaxial Reduction Screw, 4.5 mm x 50 mm
15014-045-055	Polyaxial Reduction Screw, 4.5 mm x 55 mm
15014-045-060	Polyaxial Reduction Screw, 4.5 mm x 60 mm
15014-055-020	Polyaxial Reduction Screw, 5.5 mm x 20 mm
15014-055-025	Polyaxial Reduction Screw, 5.5 mm x 25 mm
■ 15014-055-030	Polyaxial Reduction Screw, 5.5 mm x 30 mm
■ 15014-055-035	Polyaxial Reduction Screw, 5.5 mm x 35 mm
■ 15014-055-040	Polyaxial Reduction Screw, 5.5 mm x 40 mm
■ 15014-055-045	Polyaxial Reduction Screw, 5.5 mm x 45 mm
■ 15014-055-050	Polyaxial Reduction Screw, 5.5 mm x 50 mm
15014-055-055	Polyaxial Reduction Screw, 5.5 mm x 55 mm
15014-055-060	Polyaxial Reduction Screw, 5.5 mm x 60 mm
15014-065-020	Polyaxial Reduction Screw, 6.5 mm x 20 mm
15014-065-025	Polyaxial Reduction Screw, 6.5 mm x 25 mm
15014-065-030	Polyaxial Reduction Screw, 6.5 mm x 30 mm
■ 15014-065-035	Polyaxial Reduction Screw, 6.5 mm x 35 mm
■ 15014-065-040	Polyaxial Reduction Screw, 6.5 mm x 40 mm
■ 15014-065-045	Polyaxial Reduction Screw, 6.5 mm x 45 mm
■ 15014-065-050	Polyaxial Reduction Screw, 6.5 mm x 50 mm
■ 15014-065-055	Polyaxial Reduction Screw, 6.5 mm x 55 mm
15014-065-060	Polyaxial Reduction Screw, 6.5 mm x 60 mm

Part #	Description
15014-075-030	Polyaxial Reduction Screw, 7.5 mm x 30 mm
■ 15014-075-035	Polyaxial Reduction Screw, 7.5 mm x 35 mm
■ 15014-075-040	Polyaxial Reduction Screw, 7.5 mm x 40 mm
■ 15014-075-045	Polyaxial Reduction Screw, 7.5 mm x 45 mm
■ 15014-075-050	Polyaxial Reduction Screw, 7.5 mm x 50 mm
■ 15014-075-055	Polyaxial Reduction Screw, 7.5 mm x 55 mm
15014-075-060	Polyaxial Reduction Screw, 7.5 mm x 60 mm
15014-075-070	Polyaxial Reduction Screw, 7.5 mm x 70 mm
15014-075-080	Polyaxial Reduction Screw, 7.5 mm x 80 mm
15014-075-090	Polyaxial Reduction Screw, 7.5 mm x 90 mm
15014-075-100	Polyaxial Reduction Screw, 7.5 mm x 100 mm
15014-085-030	Polyaxial Reduction Screw, 8.5 mm x 30 mm
■ 15014-085-035	Polyaxial Reduction Screw, 8.5 mm x 35 mm
■ 15014-085-040	Polyaxial Reduction Screw, 8.5 mm x 40 mm
■ 15014-085-045	Polyaxial Reduction Screw, 8.5 mm x 45 mm
■ 15014-085-050	Polyaxial Reduction Screw, 8.5 mm x 50 mm
15014-085-055	Polyaxial Reduction Screw, 8.5 mm x 55 mm
15014-085-060	Polyaxial Reduction Screw, 8.5 mm x 60 mm
15014-085-070	Polyaxial Reduction Screw, 8.5 mm x 70 mm
15014-085-080	Polyaxial Reduction Screw, 8.5 mm x 80 mm
15014-085-090	Polyaxial Reduction Screw, 8.5 mm x 90 mm
15014-085-100	Polyaxial Reduction Screw, 8.5 mm x 100 mm
15014-095-030	Polyaxial Reduction Screw, 9.5 mm x 30 mm
15014-095-035	Polyaxial Reduction Screw, 9.5 mm x 35 mm
15014-095-040	Polyaxial Reduction Screw, 9.5 mm x 40 mm
15014-095-045	Polyaxial Reduction Screw, 9.5 mm x 45 mm
15014-095-050	Polyaxial Reduction Screw, 9.5 mm x 50 mm
15014-095-055	Polyaxial Reduction Screw, 9.5 mm x 55 mm
15014-095-060	Polyaxial Reduction Screw, 9.5 mm x 60 mm
15014-095-070	Polyaxial Reduction Screw, 9.5 mm x 70 mm
15014-095-080	Polyaxial Reduction Screw, 9.5 mm x 80 mm
15014-095-090	Polyaxial Reduction Screw, 9.5 mm x 90 mm
15014-095-100	Polyaxial Reduction Screw, 9.5 mm x 100 mm

UNIPLANAR SCREW FEATURES:

- Uniplanar screws restrict medial/lateral motion to facilitate axial rotation maneuvers while allowing sagittal correction.
- Uniplanar tulips spin independent of the screw shank, eliminating the need to reposition the screw for rod slot alignment.



UNIPLANAR SCREWS

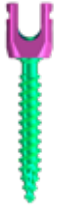


Part #	Description
15034-040-020	Uniplanar Screw, 4.0 mm x 20 mm
■ 15034-040-025	Uniplanar Screw, 4.0 mm x 25 mm
■ 15034-040-030	Uniplanar Screw, 4.0 mm x 30 mm
■ 15034-040-035	Uniplanar Screw, 4.0 mm x 35 mm
15034-040-040	Uniplanar Screw, 4.0 mm x 40 mm
15034-040-045	Uniplanar Screw, 4.0 mm x 45 mm
15034-040-050	Uniplanar Screw, 4.0 mm x 50 mm
15034-040-055	Uniplanar Screw, 4.0 mm x 55 mm
15034-040-060	Uniplanar Screw, 4.0 mm x 60 mm
15034-045-020	Uniplanar Screw, 4.5 mm x 20 mm
■ 15034-045-025	Uniplanar Screw, 4.5 mm x 25 mm
■ 15034-045-030	Uniplanar Screw, 4.5 mm x 30 mm
■ 15034-045-035	Uniplanar Screw, 4.5 mm x 35 mm
■ 15034-045-040	Uniplanar Screw, 4.5 mm x 40 mm
15034-045-045	Uniplanar Screw, 4.5 mm x 45 mm
15034-045-050	Uniplanar Screw, 4.5 mm x 50 mm
15034-045-055	Uniplanar Screw, 4.5 mm x 55 mm
15034-045-060	Uniplanar Screw, 4.5 mm x 60 mm

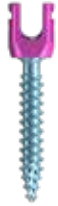


Part #	Description
15034-050-020	Uniplanar Screw, 5.0 mm x 20 mm
■ 15034-050-025	Uniplanar Screw, 5.0 mm x 25 mm
■ 15034-050-030	Uniplanar Screw, 5.0 mm x 30 mm
■ 15034-050-035	Uniplanar Screw, 5.0 mm x 35 mm
■ 15034-050-040	Uniplanar Screw, 5.0 mm x 40 mm
■ 15034-050-045	Uniplanar Screw, 5.0 mm x 45 mm
15034-050-050	Uniplanar Screw, 5.0 mm x 50 mm
15034-050-055	Uniplanar Screw, 5.0 mm x 55 mm
15034-050-060	Uniplanar Screw, 5.0 mm x 60 mm
15034-055-020	Uniplanar Screw, 5.5 mm x 20 mm
■ 15034-055-025	Uniplanar Screw, 5.5 mm x 25 mm
■ 15034-055-030	Uniplanar Screw, 5.5 mm x 30 mm
■ 15034-055-035	Uniplanar Screw, 5.5 mm x 35 mm
■ 15034-055-040	Uniplanar Screw, 5.5 mm x 40 mm
■ 15034-055-045	Uniplanar Screw, 5.5 mm x 45 mm
15034-055-050	Uniplanar Screw, 5.5 mm x 50 mm
15034-055-055	Uniplanar Screw, 5.5 mm x 55 mm
15034-055-060	Uniplanar Screw, 5.5 mm x 60 mm





Part #	Description
15034-060-020	Uniplanar Screw, 6.0 mm x 20 mm
15034-060-025	Uniplanar Screw, 6.0 mm x 25 mm
■ 15034-060-030	Uniplanar Screw, 6.0 mm x 30 mm
■ 15034-060-035	Uniplanar Screw, 6.0 mm x 35 mm
■ 15034-060-040	Uniplanar Screw, 6.0 mm x 40 mm
■ 15034-060-045	Uniplanar Screw, 6.0 mm x 45 mm
■ 15034-060-050	Uniplanar Screw, 6.0 mm x 50 mm
15034-060-055	Uniplanar Screw, 6.0 mm x 55 mm
15034-060-060	Uniplanar Screw, 6.0 mm x 60 mm
15034-065-020	Uniplanar Screw, 6.5 mm x 20 mm
15034-065-025	Uniplanar Screw, 6.5 mm x 25 mm
■ 15034-065-030	Uniplanar Screw, 6.5 mm x 30 mm
■ 15034-065-035	Uniplanar Screw, 6.5 mm x 35 mm
■ 15034-065-040	Uniplanar Screw, 6.5 mm x 40 mm
■ 15034-065-045	Uniplanar Screw, 6.5 mm x 45 mm
■ 15034-065-050	Uniplanar Screw, 6.5 mm x 50 mm
15034-065-055	Uniplanar Screw, 6.5 mm x 55 mm
15034-065-060	Uniplanar Screw, 6.5 mm x 60 mm



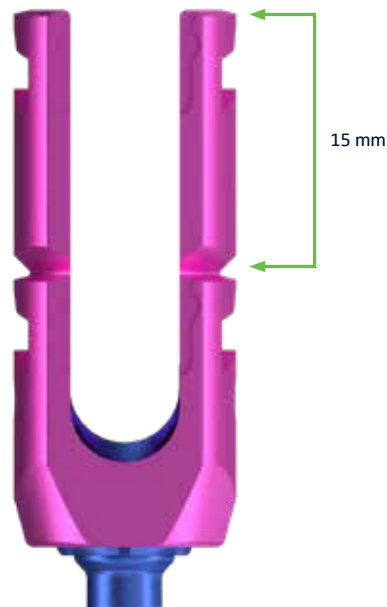
Part #	Description
15034-075-020	Uniplanar Screw, 7.5 mm x 20 mm
15034-075-025	Uniplanar Screw, 7.5 mm x 25 mm
■ 15034-075-030	Uniplanar Screw, 7.5 mm x 30 mm
■ 15034-075-035	Uniplanar Screw, 7.5 mm x 35 mm
■ 15034-075-040	Uniplanar Screw, 7.5 mm x 40 mm
15034-075-045	Uniplanar Screw, 7.5 mm x 45 mm
15034-075-050	Uniplanar Screw, 7.5 mm x 50 mm
15034-075-055	Uniplanar Screw, 7.5 mm x 55 mm
15034-075-060	Uniplanar Screw, 7.5 mm x 60 mm
15034-085-020	Uniplanar Screw, 8.5 mm x 20 mm
15034-085-025	Uniplanar Screw, 8.5 mm x 25 mm
15034-085-030	Uniplanar Screw, 8.5 mm x 30 mm
15034-085-035	Uniplanar Screw, 8.5 mm x 35 mm
15034-085-040	Uniplanar Screw, 8.5 mm x 40 mm
15034-085-045	Uniplanar Screw, 8.5 mm x 45 mm
15034-085-050	Uniplanar Screw, 8.5 mm x 50 mm
15034-085-055	Uniplanar Screw, 8.5 mm x 55 mm
15034-085-060	Uniplanar Screw, 8.5 mm x 60 mm



■ Standard in Set: VOUM

UNIPLANAR REDUCTION SCREW FEATURES:

- Uniplanar screws restrict medial/lateral motion to facilitate axial rotation maneuvers while allowing sagittal correction.
- Uniplanar reduction screws add 15 mm of thread for instrument free reduction.

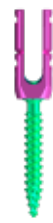


UNIPLANAR REDUCTION SCREWS



Part #	Description
15044-040-020	Uniplanar Reduction Screw, 4.0 mm x 20 mm
15044-040-025	Uniplanar Reduction Screw, 4.0 mm x 25 mm
15044-040-030	Uniplanar Reduction Screw, 4.0 mm x 30 mm
15044-040-035	Uniplanar Reduction Screw, 4.0 mm x 35 mm
15044-040-040	Uniplanar Reduction Screw, 4.0 mm x 40 mm
15044-040-045	Uniplanar Reduction Screw, 4.0 mm x 45 mm
15044-040-050	Uniplanar Reduction Screw, 4.0 mm x 50 mm
15044-040-055	Uniplanar Reduction Screw, 4.0 mm x 55 mm
15044-040-060	Uniplanar Reduction Screw, 4.0 mm x 60 mm
15044-045-020	Uniplanar Reduction Screw, 4.5 mm x 20 mm
■ 15044-045-025	Uniplanar Reduction Screw, 4.5 mm x 25 mm
■ 15044-045-030	Uniplanar Reduction Screw, 4.5 mm x 30 mm
■ 15044-045-035	Uniplanar Reduction Screw, 4.5 mm x 35 mm
■ 15044-045-040	Uniplanar Reduction Screw, 4.5 mm x 40 mm
15044-045-045	Uniplanar Reduction Screw, 4.5 mm x 45 mm
15044-045-050	Uniplanar Reduction Screw, 4.5 mm x 50 mm
15044-045-055	Uniplanar Reduction Screw, 4.5 mm x 55 mm
15044-045-060	Uniplanar Reduction Screw, 4.5 mm x 60 mm
15044-050-020	Uniplanar Reduction Screw, 5.0 mm x 20 mm
■ 15044-050-025	Uniplanar Reduction Screw, 5.0 mm x 25 mm
■ 15044-050-030	Uniplanar Reduction Screw, 5.0 mm x 30 mm
■ 15044-050-035	Uniplanar Reduction Screw, 5.0 mm x 35 mm
■ 15044-050-040	Uniplanar Reduction Screw, 5.0 mm x 40 mm
■ 15044-050-045	Uniplanar Reduction Screw, 5.0 mm x 45 mm
15044-050-050	Uniplanar Reduction Screw, 5.0 mm x 50 mm
15044-050-055	Uniplanar Reduction Screw, 5.0 mm x 55 mm
15044-050-060	Uniplanar Reduction Screw, 5.0 mm x 60 mm
15044-055-020	Uniplanar Reduction Screw, 5.5 mm x 20 mm
■ 15044-055-025	Uniplanar Reduction Screw, 5.5 mm x 25 mm
■ 15044-055-030	Uniplanar Reduction Screw, 5.5 mm x 30 mm
■ 15044-055-035	Uniplanar Reduction Screw, 5.5 mm x 35 mm
■ 15044-055-040	Uniplanar Reduction Screw, 5.5 mm x 40 mm
■ 15044-055-045	Uniplanar Reduction Screw, 5.5 mm x 45 mm
15044-055-050	Uniplanar Reduction Screw, 5.5 mm x 50 mm
15044-055-055	Uniplanar Reduction Screw, 5.5 mm x 55 mm
15044-055-060	Uniplanar Reduction Screw, 5.5 mm x 60 mm



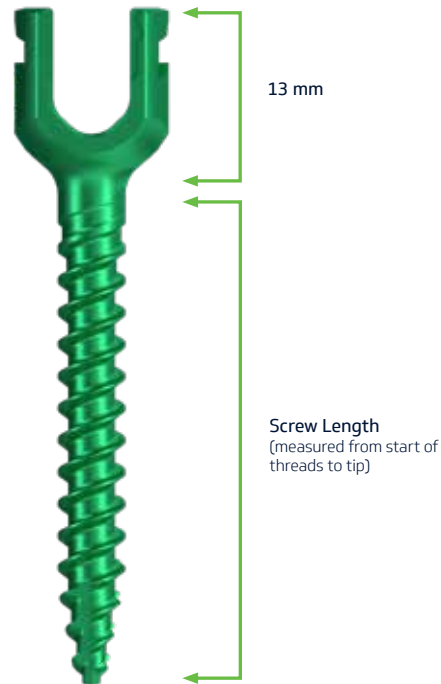
Part #	Description
15044-060-020	Uniplanar Reduction Screw, 6.0 mm x 20 mm
15044-060-025	Uniplanar Reduction Screw, 6.0 mm x 25 mm
■ 15044-060-030	Uniplanar Reduction Screw, 6.0 mm x 30 mm
■ 15044-060-035	Uniplanar Reduction Screw, 6.0 mm x 35 mm
■ 15044-060-040	Uniplanar Reduction Screw, 6.0 mm x 40 mm
■ 15044-060-045	Uniplanar Reduction Screw, 6.0 mm x 45 mm
■ 15044-060-050	Uniplanar Reduction Screw, 6.0 mm x 50 mm
15044-060-055	Uniplanar Reduction Screw, 6.0 mm x 55 mm
15044-060-060	Uniplanar Reduction Screw, 6.0 mm x 60 mm
15044-065-020	Uniplanar Reduction Screw, 6.5 mm x 20 mm
15044-065-025	Uniplanar Reduction Screw, 6.5 mm x 25 mm
■ 15044-065-030	Uniplanar Reduction Screw, 6.5 mm x 30 mm
■ 15044-065-035	Uniplanar Reduction Screw, 6.5 mm x 35 mm
■ 15044-065-040	Uniplanar Reduction Screw, 6.5 mm x 40 mm
■ 15044-065-045	Uniplanar Reduction Screw, 6.5 mm x 45 mm
■ 15044-065-050	Uniplanar Reduction Screw, 6.5 mm x 50 mm
15044-065-055	Uniplanar Reduction Screw, 6.5 mm x 55 mm
15044-065-060	Uniplanar Reduction Screw, 6.5 mm x 60 mm
15044-075-020	Uniplanar Reduction Screw, 7.5 mm x 20 mm
15044-075-025	Uniplanar Reduction Screw, 7.5 mm x 25 mm
15044-075-030	Uniplanar Reduction Screw, 7.5 mm x 30 mm
15044-075-035	Uniplanar Reduction Screw, 7.5 mm x 35 mm
15044-075-040	Uniplanar Reduction Screw, 7.5 mm x 40 mm
15044-075-045	Uniplanar Reduction Screw, 7.5 mm x 45 mm
15044-075-050	Uniplanar Reduction Screw, 7.5 mm x 50 mm
15044-075-055	Uniplanar Reduction Screw, 7.5 mm x 55 mm
15044-075-060	Uniplanar Reduction Screw, 7.5 mm x 60 mm
15044-085-020	Uniplanar Reduction Screw, 8.5 mm x 25 mm
15044-085-025	Uniplanar Reduction Screw, 8.5 mm x 25 mm
15044-085-030	Uniplanar Reduction Screw, 8.5 mm x 30 mm
15044-085-035	Uniplanar Reduction Screw, 8.5 mm x 35 mm
15044-085-040	Uniplanar Reduction Screw, 8.5 mm x 40 mm
15044-085-045	Uniplanar Reduction Screw, 8.5 mm x 45 mm
15044-085-050	Uniplanar Reduction Screw, 8.5 mm x 50 mm
15044-085-055	Uniplanar Reduction Screw, 8.5 mm x 55 mm
15044-085-060	Uniplanar Reduction Screw, 8.5 mm x 60 mm





FIXED SCREW FEATURES:

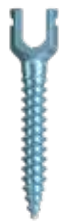
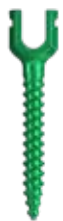
- Fixed screws restrict motion with a rigid, low-profile shank design.



FIXED SCREWS



Part #	Description
15054-045-020	Fixed Screw, 4.5 mm x 20 mm
15054-045-025	Fixed Screw, 4.5 mm x 25 mm
15054-045-030	Fixed Screw, 4.5 mm x 30 mm
15054-045-035	Fixed Screw, 4.5 mm x 35 mm
15054-045-040	Fixed Screw, 4.5 mm x 40 mm
15054-045-045	Fixed Screw, 4.5 mm x 45 mm
15054-045-050	Fixed Screw, 4.5 mm x 50 mm
15054-045-055	Fixed Screw, 4.5 mm x 55 mm
15054-055-020	Fixed Screw, 5.5 mm x 20 mm
■ 15054-055-025	Fixed Screw, 5.5 mm x 25 mm
■ 15054-055-030	Fixed Screw, 5.5 mm x 30 mm
■ 15054-055-035	Fixed Screw, 5.5 mm x 35 mm
■ 15054-055-040	Fixed Screw, 5.5 mm x 40 mm
■ 15054-055-045	Fixed Screw, 5.5 mm x 45 mm
15054-055-050	Fixed Screw, 5.5 mm x 50 mm
15054-055-055	Fixed Screw, 5.5 mm x 55 mm



Part #	Description
15054-065-020	Fixed Screw, 6.5 mm x 20 mm
15054-065-025	Fixed Screw, 6.5 mm x 25 mm
15054-065-030	Fixed Screw, 6.5 mm x 30 mm
■ 15054-065-035	Fixed Screw, 6.5 mm x 35 mm
■ 15054-065-040	Fixed Screw, 6.5 mm x 40 mm
■ 15054-065-045	Fixed Screw, 6.5 mm x 45 mm
15054-065-050	Fixed Screw, 6.5 mm x 50 mm
15054-065-055	Fixed Screw, 6.5 mm x 55 mm

ROD FEATURES:

- The portfolio includes a variety of rod diameters, materials, and bends, to support variable patient anatomy and surgical techniques.

ROD DIAMETERS AND MATERIALS

5.5 mm Ti Rods

Indicated by blue rod with dark blue dashes



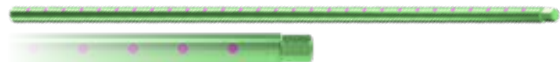
5.5 mm CoCr Rods

Indicated by chrome rod with silver dashes



6.0 mm Ti Rods

Indicated by green rod with pink dots



6.0 mm CoCr Rods

Indicated by chrome rod with silver dots



ROD CHARACTERISTICS

- Stiffness and yield mechanical properties of Invictus and reference rods were determined by 4-point rod bending testing per ASTM F2193 (data on file: TR-101103, TR 101104).

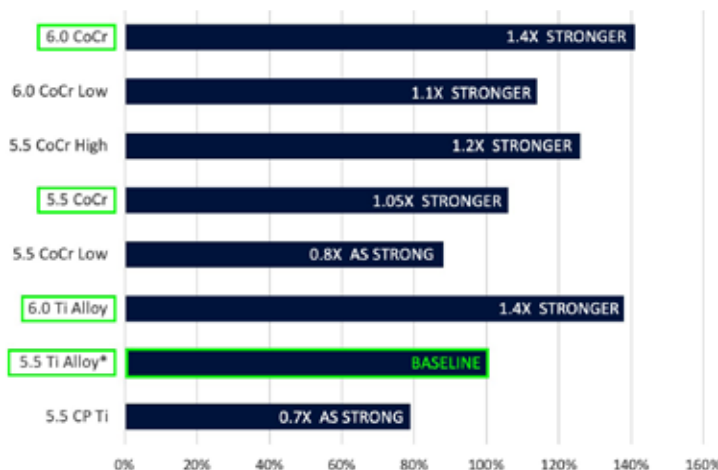
Stiffness

A measure of the resistance to bending and indicates ability of the rod to maintain correction.



Yield Strength

A measure of the force required to permanently bend a rod and indicates the amount of effort required to contour the rod.



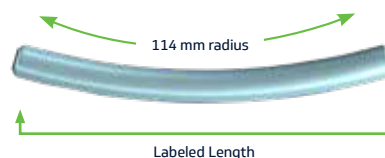
□ Indicates Invictus standard diameters and materials | *All data normalized to 5.5 mm Ti Alloy rod

Memory

A measure of the amount of overbending required to create a permanent rod bend due to spring-back. It is defined by the ratio of yield strength to stiffness. Rods with high yield strength and low stiffness (e.g., 6.0 mm Ti Alloy) require the most overbending and are more difficult to bend in-situ.

LORDOTIC ROD FEATURES:

- Lordotic Rods feature 2.5° of lordosis per every 5 mm of rod length. For example, a 40 mm length Lordotic Rod has 20° of lordosis.



Ti LORDOTIC RODS

5.5 mm Ti Rod



Part #	Description
■ 15210-55-030	Ti Lordotic Rod, 5.5 mm X 30 mm
■ 15210-55-035	Ti Lordotic Rod, 5.5 mm X 35 mm
■ 15210-55-040	Ti Lordotic Rod, 5.5 mm X 40 mm
■ 15210-55-045	Ti Lordotic Rod, 5.5 mm X 45 mm
■ 15210-55-050	Ti Lordotic Rod, 5.5 mm X 50 mm
■ 15210-55-055	Ti Lordotic Rod, 5.5 mm X 55 mm
■ 15210-55-060	Ti Lordotic Rod, 5.5 mm X 60 mm
■ 15210-55-065	Ti Lordotic Rod, 5.5 mm X 65 mm
■ 15210-55-070	Ti Lordotic Rod, 5.5 mm X 70 mm
■ 15210-55-075	Ti Lordotic Rod, 5.5 mm X 75 mm
■ 15210-55-080	Ti Lordotic Rod, 5.5 mm X 80 mm
■ 15210-55-085	Ti Lordotic Rod, 5.5 mm X 85 mm
■ 15210-55-090	Ti Lordotic Rod, 5.5 mm X 90 mm
■ 15210-55-095	Ti Lordotic Rod, 5.5 mm X 95 mm
■ 15210-55-100	Ti Lordotic Rod, 5.5 mm X 100 mm
■ 15210-55-110	Ti Lordotic Rod, 5.5 mm X 110 mm
■ 15210-55-120	Ti Lordotic Rod, 5.5 mm X 120 mm
■ 15210-55-130	Ti Lordotic Rod, 5.5 mm X 130 mm

6.0 mm Ti Rod



Part #	Description
■ 15210-60-030	Ti Lordotic Rod, 6.0 mm X 30 mm
■ 15210-60-035	Ti Lordotic Rod, 6.0 mm X 35 mm
■ 15210-60-040	Ti Lordotic Rod, 6.0 mm X 40 mm
■ 15210-60-045	Ti Lordotic Rod, 6.0 mm X 45 mm
■ 15210-60-050	Ti Lordotic Rod, 6.0 mm X 50 mm
■ 15210-60-055	Ti Lordotic Rod, 6.0 mm X 55 mm
■ 15210-60-060	Ti Lordotic Rod, 6.0 mm X 60 mm
■ 15210-60-065	Ti Lordotic Rod, 6.0 mm X 65 mm
■ 15210-60-070	Ti Lordotic Rod, 6.0 mm X 70 mm
■ 15210-60-075	Ti Lordotic Rod, 6.0 mm X 75 mm
■ 15210-60-080	Ti Lordotic Rod, 6.0 mm X 80 mm
■ 15210-60-085	Ti Lordotic Rod, 6.0 mm X 85 mm
■ 15210-60-090	Ti Lordotic Rod, 6.0 mm X 90 mm
■ 15210-60-100	Ti Lordotic Rod, 6.0 mm X 100 mm
■ 15210-60-110	Ti Lordotic Rod, 6.0 mm X 110 mm
■ 15210-60-120	Ti Lordotic Rod, 6.0 mm X 120 mm
■ 15210-60-130	Ti Lordotic Rod, 6.0 mm X 130 mm

■ Standard in Set: VOPIM

■ Standard in Set: VO6TILD

CoCr LORDOTIC RODS

5.5 mm CoCr Rod



Part #	Description
■ 15212-55-030	CoCr Lordotic Rod, 5.5 mm X 30 mm
■ 15212-55-035	CoCr Lordotic Rod, 5.5 mm X 35 mm
■ 15212-55-040	CoCr Lordotic Rod, 5.5 mm X 40 mm
■ 15212-55-045	CoCr Lordotic Rod, 5.5 mm X 45 mm
■ 15212-55-050	CoCr Lordotic Rod, 5.5 mm X 50 mm
■ 15212-55-055	CoCr Lordotic Rod, 5.5 mm X 55 mm
■ 15212-55-060	CoCr Lordotic Rod, 5.5 mm X 60 mm
■ 15212-55-065	CoCr Lordotic Rod, 5.5 mm X 65 mm
■ 15212-55-070	CoCr Lordotic Rod, 5.5 mm X 70 mm
■ 15212-55-075	CoCr Lordotic Rod, 5.5 mm X 75 mm
■ 15212-55-080	CoCr Lordotic Rod, 5.5 mm X 80 mm
■ 15212-55-085	CoCr Lordotic Rod, 5.5 mm X 85 mm
■ 15212-55-090	CoCr Lordotic Rod, 5.5 mm X 90 mm
■ 15212-55-095	CoCr Lordotic Rod, 5.5 mm X 95 mm
■ 15212-55-100	CoCr Lordotic Rod, 5.5 mm X 100 mm
■ 15212-55-110	CoCr Lordotic Rod, 5.5 mm X 110 mm
■ 15212-55-120	CoCr Lordotic Rod, 5.5 mm X 120 mm
■ 15212-55-130	CoCr Lordotic Rod, 5.5 mm X 130 mm

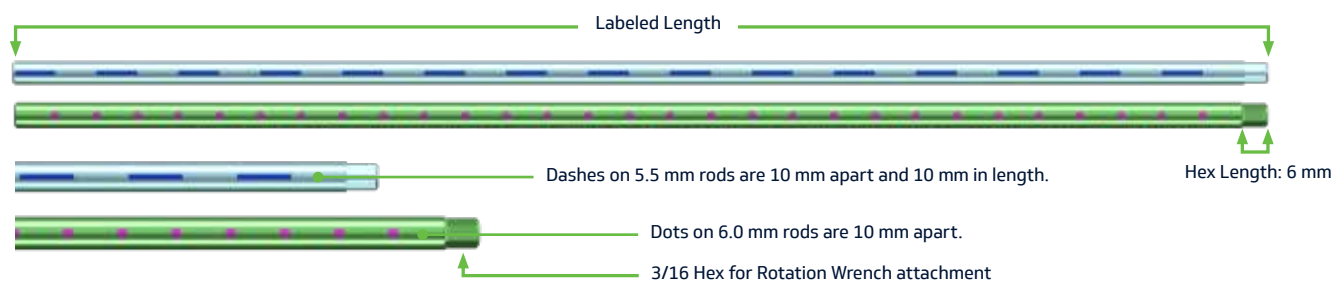
6.0 mm CoCr Rod



Part #	Description
■ 15212-60-030	CoCr Lordotic Rod, 6.0 mm X 30 mm
■ 15212-60-035	CoCr Lordotic Rod, 6.0 mm X 35 mm
■ 15212-60-040	CoCr Lordotic Rod, 6.0 mm X 40 mm
■ 15212-60-045	CoCr Lordotic Rod, 6.0 mm X 45 mm
■ 15212-60-050	CoCr Lordotic Rod, 6.0 mm X 50 mm
■ 15212-60-055	CoCr Lordotic Rod, 6.0 mm X 55 mm
■ 15212-60-060	CoCr Lordotic Rod, 6.0 mm X 60 mm
■ 15212-60-065	CoCr Lordotic Rod, 6.0 mm X 65 mm
■ 15212-60-070	CoCr Lordotic Rod, 6.0 mm X 70 mm
■ 15212-60-075	CoCr Lordotic Rod, 6.0 mm X 75 mm
■ 15212-60-080	CoCr Lordotic Rod, 6.0 mm X 80 mm
■ 15212-60-085	CoCr Lordotic Rod, 6.0 mm X 85 mm
■ 15212-60-090	CoCr Lordotic Rod, 6.0 mm X 90 mm
■ 15212-60-100	CoCr Lordotic Rod, 6.0 mm X 100 mm
■ 15212-60-110	CoCr Lordotic Rod, 6.0 mm X 110 mm
■ 15212-60-120	CoCr Lordotic Rod, 6.0 mm X 120 mm
■ 15212-60-130	CoCr Lordotic Rod, 6.0 mm X 130 mm

■ Standard in Set: VO55COLD

STRAIGHT ROD FEATURES:



STRAIGHT RODS

	Part #	Description
	15200-55-300	Ti Straight Rod, 5.5 mm X 300 mm
	15200-55-500	Ti Straight Rod, 5.5 mm X 500 mm
	15200-55-600	Ti Straight Rod, 5.5 mm X 600 mm
	15200-60-300	Ti Straight Rod, 6.0 mm X 300 mm
	15200-60-500	Ti Straight Rod, 6.0 mm X 500 mm
	15200-60-600	Ti Straight Rod, 6.0 mm X 600 mm
	15202-55-300	CoCr Straight Rod, 5.5 mm X 300 mm
	15202-55-500	CoCr Straight Rod, 5.5 mm X 500 mm
	15202-55-600	CoCr Straight Rod, 5.5 mm X 600 mm

	Part #	Description
	15202-60-300	CoCr Straight Rod, 6.0 mm X 300 mm
	15202-60-500	CoCr Straight Rod, 6.0 mm X 500 mm
	15202-60-600	CoCr Straight Rod, 6.0 mm X 600 mm
	15203-55-300	CoCr Straight Rod, High, 5.5 mm X 300 mm
	15203-55-500	CoCr Straight Rod, High, 5.5 mm X 500 mm
	15203-55-600	CoCr Straight Rod, High, 5.5 mm X 600 mm
	15203-60-300	CoCr Straight Rod, High, 6.0 mm X 300 mm
	15203-60-500	CoCr Straight Rod, High, 6.0 mm X 500 mm
	15203-60-600	CoCr Straight Rod, High, 6.0 mm X 600 mm

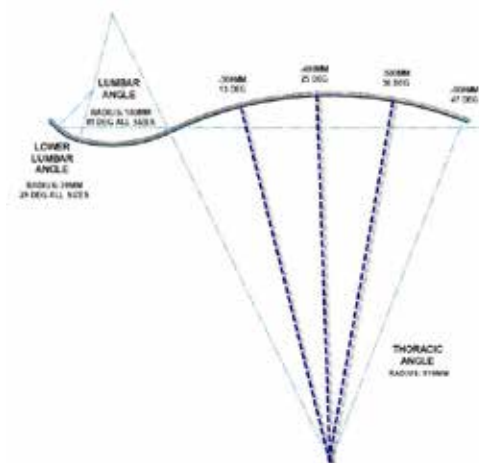
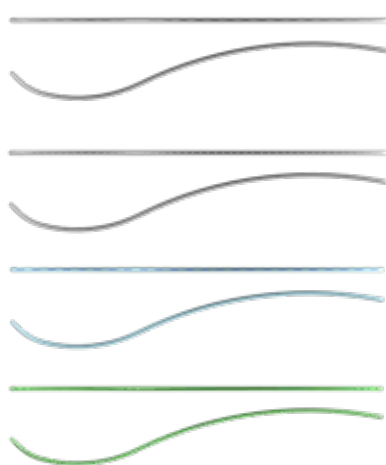
Standard in Set: VOPIM

Standard in Set: VOEXIN

Standard in Set: VOILIM & VOTPIM

S ROD FEATURES:

- S Rods feature a 180 mm prebent lumbar region with 41° of lordosis and a varying thoracic region to ease rod bending.



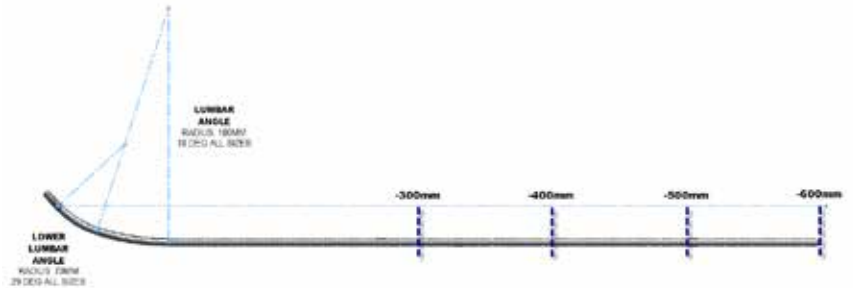
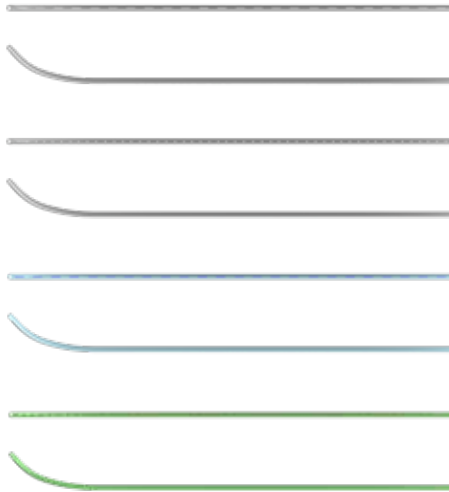
S RODS

	Part #	Description
	15250-55-400	Ti S Rod, 5.5 mm X 400 mm
	15250-55-500	Ti S Rod, 5.5 mm X 500 mm
	15250-60-400	Ti S Rod, 6.0 mm X 400 mm
	15250-60-500	Ti S Rod, 6.0 mm X 500 mm

	Part #	Description
	15252-55-400	CoCr S Rod, 5.5 mm X 400 mm
	15252-55-500	CoCr S Rod, 5.5 mm X 500 mm
	15252-60-400	CoCr S Rod, 6.0 mm X 400 mm
	15252-60-500	CoCr S Rod, 6.0 mm X 500 mm

J ROD FEATURES:

- J Rods feature a 100 mm prebent lumbar region with 18° of lordosis to ease end of construct rod bending.



J RODS



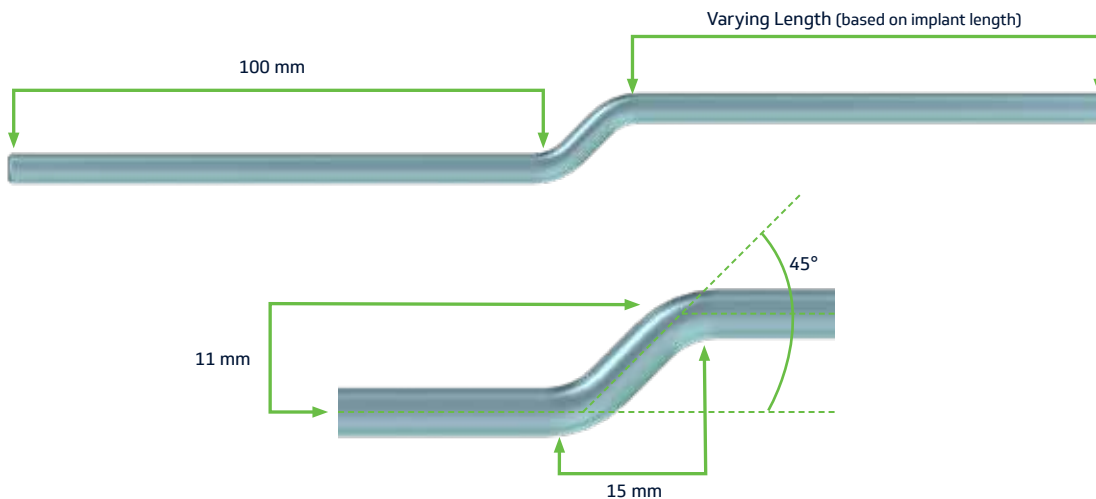
Part #	Description
15260-55-600	Ti J Rod, 5.5 mm X 300 mm
15260-55-500	Ti J Rod, 5.5 mm X 500 mm
15260-60-300	Ti J Rod, 6.0 mm X 300 mm
15260-60-500	Ti J Rod, 6.0 mm X 500 mm



Part #	Description
15262-55-300	CoCr J Rod, 5.5 mm X 300 mm
15262-55-500	CoCr J Rod, 5.5 mm X 500 mm
15262-60-300	CoCr J Rod, 6.0 mm X 300 mm
15262-60-500	CoCr J Rod, 6.0 mm X 500 mm

Z ROD FEATURES:

- Z Rods feature a 11 mm offset to easily bypass existing constructs in revision surgeries.



Z RODS



Part #	Description
15240-55-300	Ti Z Rod, 5.5 mm X 300 mm
15424-55-300	CoCr Z Rod, 5.5 mm X 300 mm

Standard in Set: VOEXIN

CROSS CONNECTOR FEATURES:

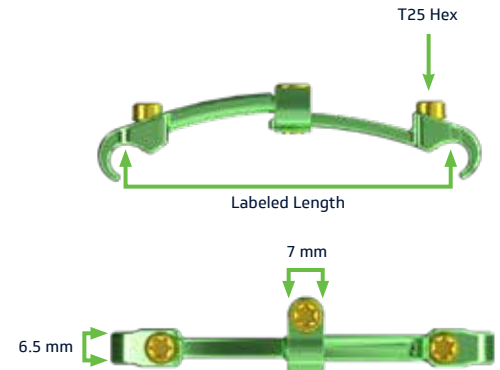
- Cross Connectors are designed to support specific rod diameters: **5.5 mm (blue)** and **6.0 mm (green)**, and are tightened at 40 in-lbs.

VARIABLE CROSS CONNECTORS



Part #	Description
■ 47016-26	26-32 mm Deformity Variable Bridge
■ 47016-32	32-37 mm Deformity Variable Bridge
■ 47016-35	35-42 mm Deformity Variable Bridge
■ 47016-40	40-51 mm Deformity Variable Bridge
■ 47016-47	47-66 mm Deformity Variable Bridge
■ 47016-64	64-101 mm Deformity Variable Bridge

Part #	Description
■ 15310-26	Variable Cross Connector, 6.0 mm X 26-32 mm
■ 15310-32	Variable Cross Connector, 6.0 mm X 32-37 mm
■ 15310-35	Variable Cross Connector, 6.0 mm X 35-42 mm
■ 15310-40	Variable Cross Connector, 6.0 mm X 40-51 mm
■ 15310-47	Variable Cross Connector, 6.0 mm X 47-66 mm
■ 15310-64	Variable Cross Connector, 6.0 mm X 64-101 mm



■ Standard in Set: VO55CCIM

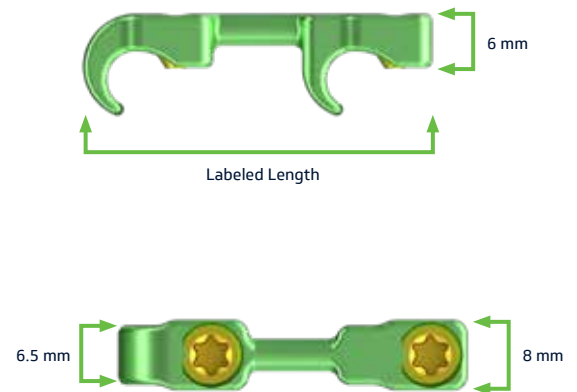
■ Standard in Set: VO6CCIM

FIXED CROSS CONNECTORS



Part #	Description
48001-35-16	Fixed Bridge, 5.5 mm X 16 mm
48001-35-18	Fixed Bridge, 5.5 mm X 18 mm
48001-35-20	Fixed Bridge, 5.5 mm X 20 mm
48001-35-22	Fixed Bridge, 5.5 mm X 22 mm
48001-35-24	Fixed Bridge, 5.5 mm X 24 mm
48001-35-26	Fixed Bridge, 5.5 mm X 26 mm
48001-35-28	Fixed Bridge, 5.5 mm X 28 mm
48001-35-30	Fixed Bridge, 5.5 mm X 30 mm
48001-35-33	Fixed Bridge, 5.5 mm X 33 mm

Part #	Description
15320-35-16	Fixed Cross Connector, 6.0 mm X 16 mm
15320-35-18	Fixed Cross Connector, 6.0 mm X 18 mm
15320-35-20	Fixed Cross Connector, 6.0 mm X 20 mm
15320-35-22	Fixed Cross Connector, 6.0 mm X 22 mm
15320-35-24	Fixed Cross Connector, 6.0 mm X 24 mm
15320-35-26	Fixed Cross Connector, 6.0 mm X 26 mm
15320-35-28	Fixed Cross Connector, 6.0 mm X 28 mm
15320-35-30	Fixed Cross Connector, 6.0 mm X 30 mm
15320-35-33	Fixed Cross Connector, 6.0 mm X 33 mm



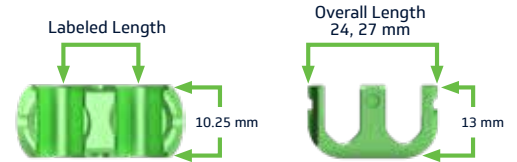
ROD TO ROD REVISION CONNECTOR FEATURES:

- Rod to Rod Revision Connectors include a variety of implant options designed to accept **5.5 mm, 6.0 mm, and 6.35 mm rod diameters**.



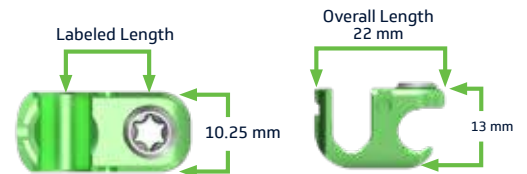
Open-Open
Revision Connector

Part #	Description
■ 15400-11	Open-Open Revision Connector, 11 mm
■ 15400-15	Open-Open Revision Connector, 15 mm



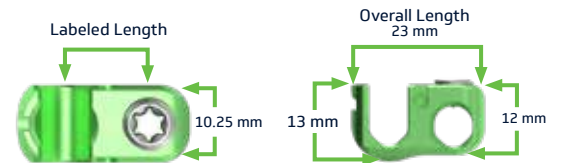
Open-Side Loading
Revision Connector

Part #	Description
■ 15401-11	Open-Side Loading Revision Connector, 11 mm



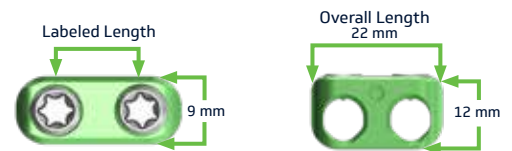
Open-Closed
Revision Connector

Part #	Description
■ 15402-11	Open-Closed Revision Connector, 11 mm



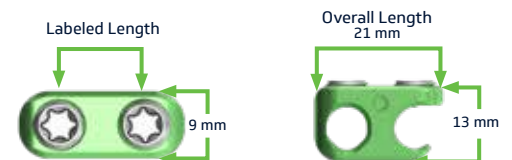
Closed-Closed
Revision Connector

Part #	Description
■ 15403-11	Closed-Closed Revision Connector, 11 mm



Closed-Side Loading
Revision Connector

Part #	Description
15404-11	Closed-Side Loading Revision Connector, 11 mm



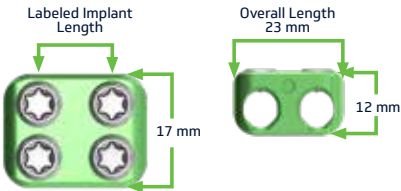
■ Standard in Set: VOEXIN

■ Standard in Set: VOILIM



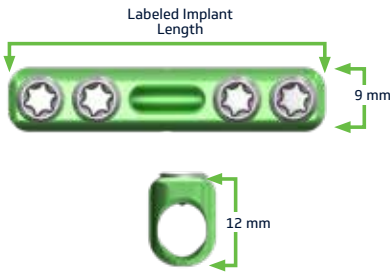
Domino Revision Connector

Part #	Description
■ 15405-11	Domino Revision Connector, 11 mm



Axial Revision Connector

Part #	Description
■ 15406-30	Axial Revision Connector, 30 mm
■ 15406-45	Axial Revision Connector, 45 mm
■ 15406-60	Axial Revision Connector, 60 mm



■ Standard in Set: VOEXIN

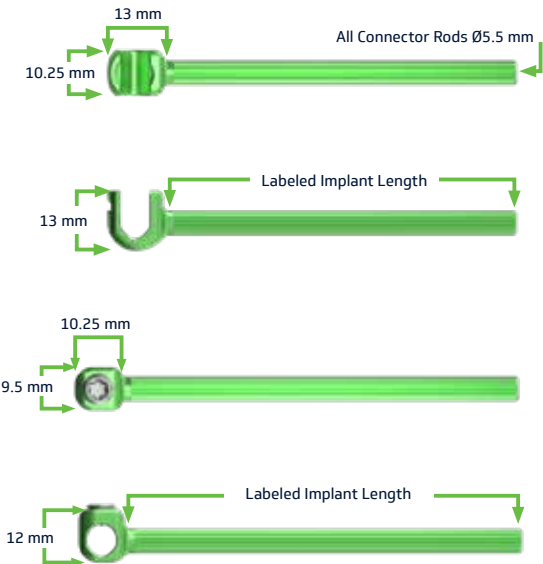
■ Standard in Set: VOILIM

ILIAC CONNECTOR FEATURES:

- Iliac Connectors can be open or closed and are designed to accept **5.5 mm, 6.0 mm, and 6.35 mm rod diameters**.



Part #	Description
15408-010	Open Iliac Connector, 10 mm
■ 15408-020	Open Iliac Connector, 20 mm
■ 15408-030	Open Iliac Connector, 30 mm
15408-040	Open Iliac Connector, 40 mm
■ 15408-060	Open Iliac Connector, 60 mm
15408-200	Open Iliac Connector, 200 mm
15409-010	Closed Iliac Connector, 10 mm
■ 15409-020	Closed Iliac Connector, 20 mm
■ 15409-030	Closed Iliac Connector, 30 mm
15409-040	Closed Iliac Connector, 40 mm
■ 15409-060	Closed Iliac Connector, 60 mm
15409-200	Closed Iliac Connector, 200 mm

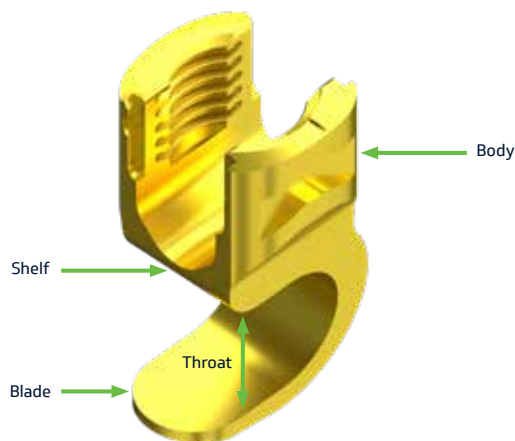


■ Standard in Set: VOILIM

HOOK FEATURES:

- The portfolio features a variety of hook options for sublaminar, transverse process, and pedicle fixation for varying patient anatomy.

5.5 mm and 6.0 mm Rod Acceptance

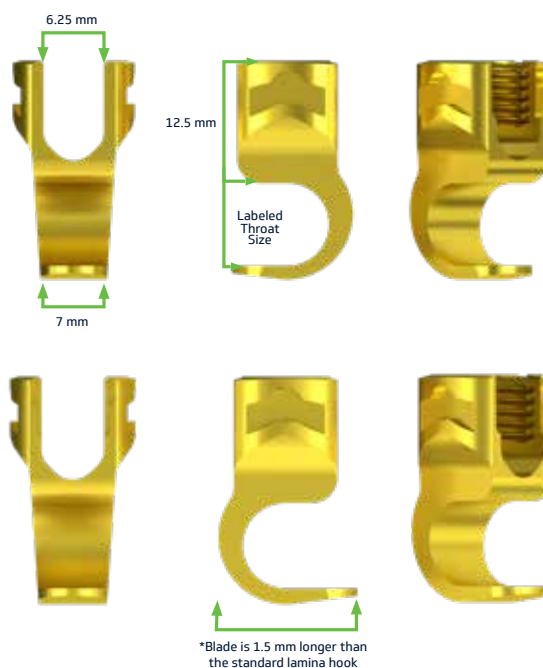


Hook Diameter	Implant Color*
5.5	Green
6.5	Light Blue
7.5	Bronze
8.5	Gold
9.5	Purple
10.5	Teal
11.5	Aqua
12.5	Magenta

* Color corresponds to throat size and matches color coding of screw shank diameters.

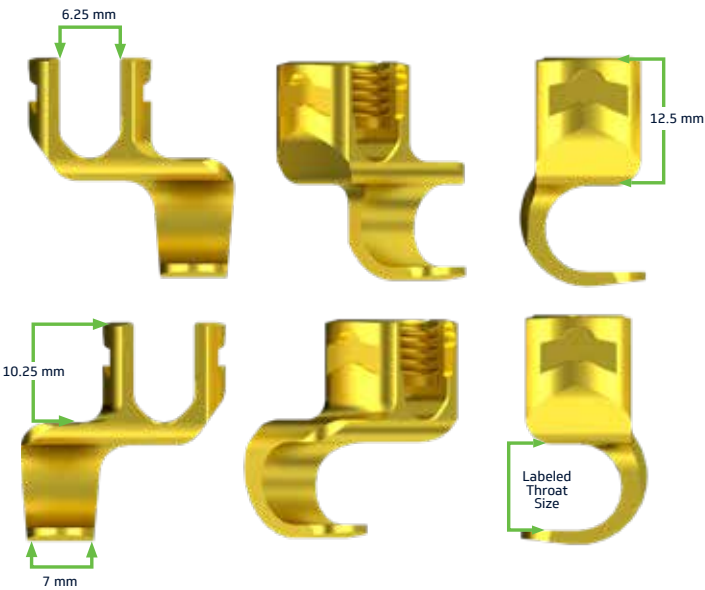
LAMINA HOOKS

Part #	Description
15501-055	Lamina Hook, 5.5 mm
15501-065	Lamina Hook, 6.5 mm
15501-085	Lamina Hook, 8.5 mm
15501-095	Lamina Hook, 9.5 mm
15501-105	Lamina Hook, 10.5 mm
15501-125	Lamina Hook, 12.5 mm
15502-055	Lamina Hook, Long, 5.5 mm
15502-065	Lamina Hook, Long, 6.5 mm
15502-085	Lamina Hook, Long, 8.5 mm
15502-095	Lamina Hook, Long, 9.5 mm
15502-105	Lamina Hook, Long, 10.5 mm
15502-125	Lamina Hook, Long, 12.5 mm



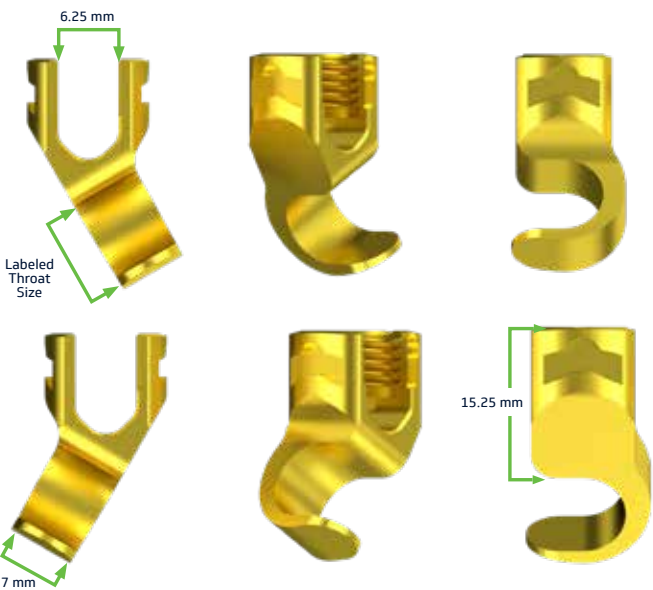
OFFSET HOOKS

Part #	Description
■ 15511-065	Offset Hook, Right, 6.5 mm
■ 15511-085	Offset Hook, Right, 8.5 mm
■ 15511-105	Offset Hook, Right, 10.5 mm
15511-125	Offset Hook, Right, 12.5 mm
■ 15521-065	Offset Hook, Left, 6.5 mm
■ 15521-085	Offset Hook, Left, 8.5 mm
■ 15521-105	Offset Hook, Left, 10.5 mm
15521-125	Offset Hook, Left, 12.5 mm



ANGLED HOOKS

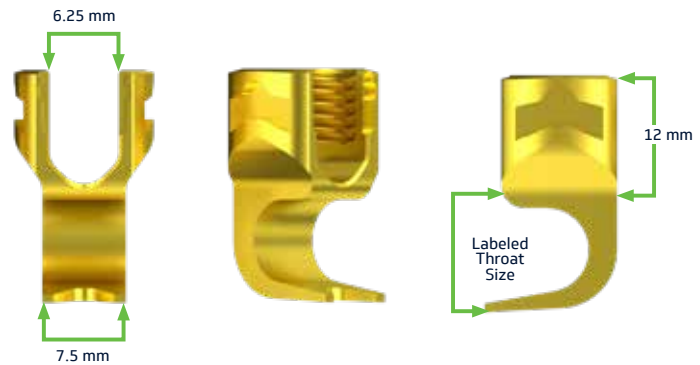
Part #	Description
■ 15531-065	Angled Hook, Right, 6.5 mm
■ 15531-085	Angled Hook, Right, 8.5 mm
■ 15531-105	Angled Hook, Right, 10.5 mm
15531-125	Angled Hook, Right, 12.5 mm
■ 15541-065	Angled Hook, Left, 6.5 mm
■ 15541-085	Angled Hook, Left, 8.5 mm
■ 15541-105	Angled Hook, Left, 10.5 mm
15541-125	Angled Hook, Left, 12.5 mm



■ Standard in Set: VOHIM

PEDICLE HOOKS

Part #	Description
■ 15561-065	Pedicle Hook, 6.5 mm
■ 15561-085	Pedicle Hook, 8.5 mm
■ 15561-105	Pedicle Hook, 10.5 mm
15561-125	Pedicle Hook, 12.5 mm



■ Standard in Set: VOHIM

SET SCREW FEATURES:

- The portfolio includes two set screw variations, open and closed, both with a T27 hex and are tightened at 90 in-lbs.

SET SCREW, PART #: 15100



CLOSED SET SCREW, PART #: 15101

- Built into Rod to Rod Revision Connectors only



PEDICLE PREPARATION INSTRUMENTS:

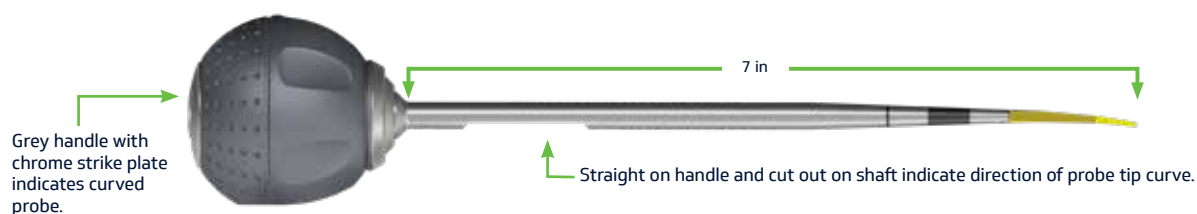
PROBES

- All include 30 mm gold tip and a black band 40-50 mm (iliac probes have black band 80-90 mm).

Straight Thoracic Probe, Ball Handle Part #: 17000-02



Curved Thoracic Probe, Ball Handle Part #: 17001-01



4.0 mm Curved Thoracic Probe, Ball Handle Part #: 17006-01



Straight Blunt Iliac Probe, Egg Handle Part #: 17002-02



Ball Tip Probe Part #: 17003



Double-Ended Ball Tip Probe Part #: 17004

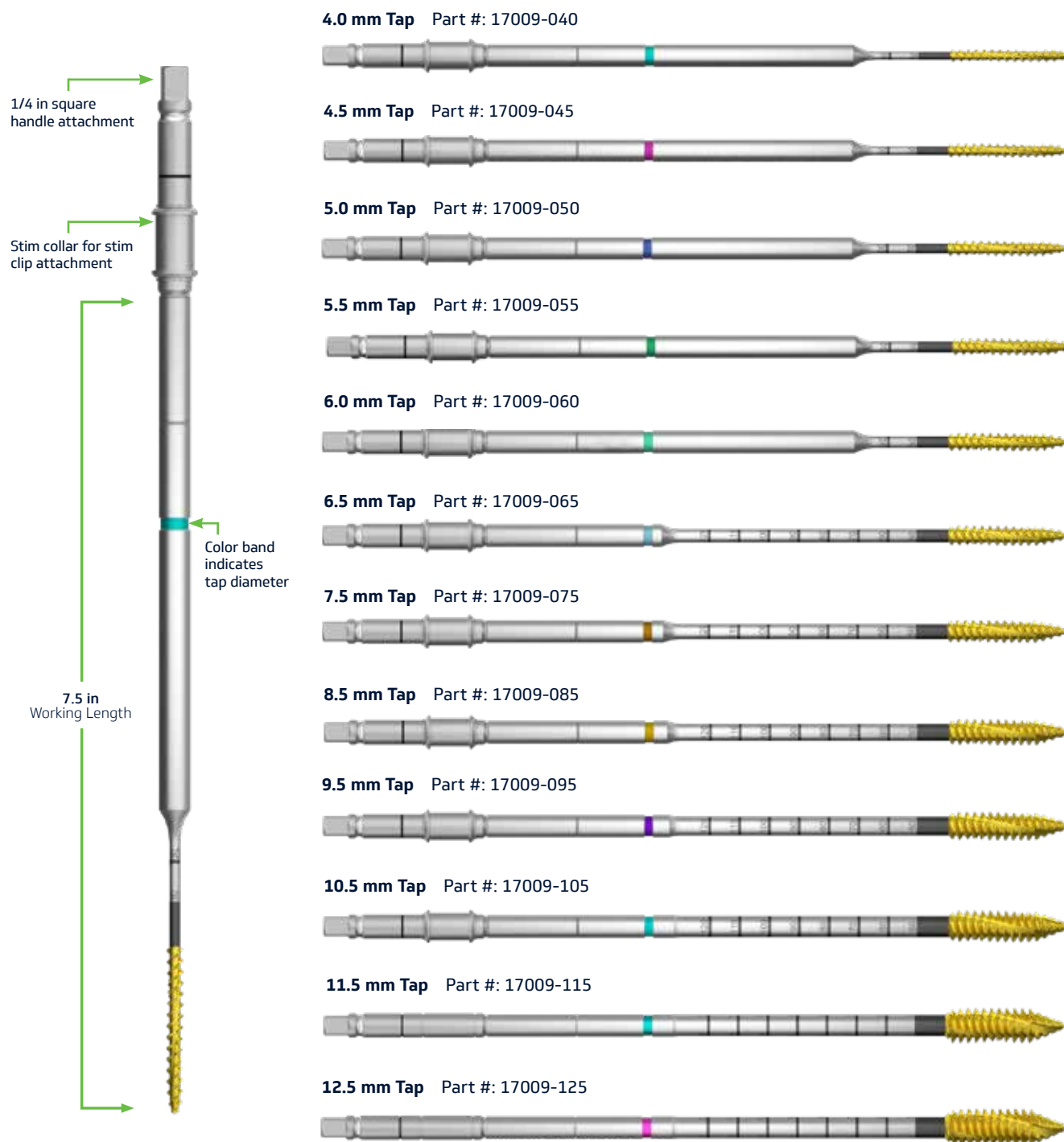


Rigid Ball Tip Probe Part #: 17005



TAPS

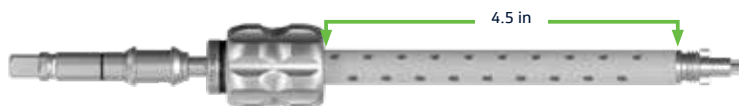
- All include 40 mm gold line-to-line threads and a black band from 40-50 mm.



SCREW INSERTION INSTRUMENTS:

- All screwdrivers feature a 1/4 in square handle attachment and T25 hex.

Polyaxial Screwdriver, Locking Part #: 17010



Stab and Grab Screwdriver Part #: 17012



Polyaxial Reduction Screwdriver, Locking Part #: 17011



Fixed Screwdriver, Locking Part #: 17060



Axial Ratcheting Handle, Cannulated
Part #: 16117



Ratcheting T-Handle, Cannulated
Part #: 16115



SCREW ADJUSTMENT INSTRUMENTS:

Screw Adjuster Part #: 17015
T25 Hex



Polyaxial Head Adjuster Part #: 17017



Head Turner, Offset Part #: 17018



ROD INSERTION INSTRUMENTS:

Rod Gripper, Junior Part #: 17022



Rod Gripper Part #: 17023



Rod Pusher Part #: 17025



Rod Rotation Wrench Part #: 88038



COMPRESSION AND DISTRACTION INSTRUMENTS:

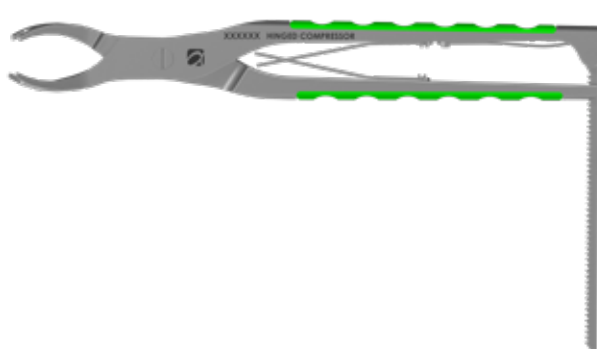
Open Hinged Distractor Part #: 16055

**ability to distract 1.5 in*



Open Hinged Compressor Part #: 17042

**ability to compress from 2.5 in width*



Parallel Compressor Part #: 87026

**ability to compress from 2 in width*



ROD MANIPULATION INSTRUMENTS:

Plate Bender Part #: 17053



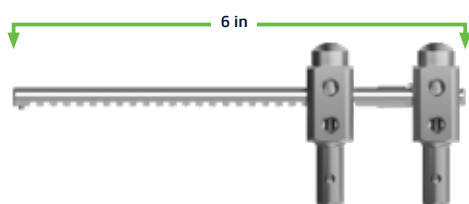
In-Situ Coronal Bender Handle, L Part #: 17051-L



In-Situ Coronal Bender Handle, R Part #: 17051-R



In-Situ Coronal Bender Link Part #: 17052



In-Situ Sagittal Bender Tip, Straight, 5.5 mm Part #: 17050-55



In-Situ Sagittal Bender Tip, Left, 5.5 mm Part #: 17050-L-55



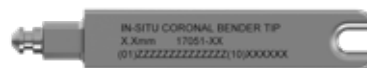
In-Situ Sagittal Bender Tip, Right, 5.5 mm Part #: 17050-R-55



Mechanical Advantage French Rod Bender Part #: 17019



In-Situ Coronal Bender Tip, 5.5 mm Part #: 17051-55



In-Situ Coronal Bender Tip, 6.0 mm Part #: 17051-60



In-Situ Sagittal Bender, Body Part #: 16043



In-Situ Sagittal Bender Tip, Straight, 6.0 mm Part #: 17050-60



In-Situ Sagittal Bender Tip, Left, 6.0 mm Part #: 17050-L-60



In-Situ Sagittal Bender Tip, Right, 6.0 mm Part #: 17050-R-60

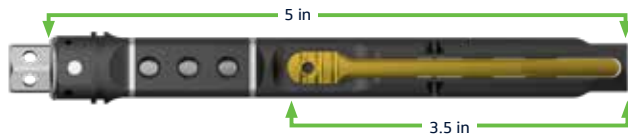


REDUCTION INSTRUMENTS:

Rod Rocker Part #: 17024
Provides 10 mm of reduction



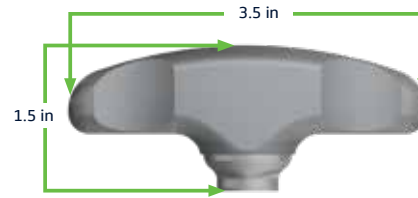
AR 30 Part #: 17032
Provides 30 mm of reduction



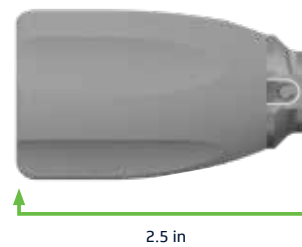
Reduction Tab Breaker Part #: 17038
Holds up to 8 reduction tabs at a time



Reducer T-Handle Part #: 17033



Reducer Mushroom Handle Part #: 17034



Reduction Screw Tab Ring Part #: 87069



SET SCREW INSERTION INSTRUMENTS:

Set Screw Inserter Part #: 87069
T27 Hex



FINAL TIGHTENING INSTRUMENTS:

Counter Torque Part #: 17046



Counter Torque, Closed Part #: 17047



Final Driver, Stop Part #: 17026
T27 Hex



Final Torque Limiting Handle, 90 in-lbs Part #: 17093-090



CROSS CONNECTOR INSTRUMENTS:

Cross Connector Inserters Part #: 17054
T25 Hex



Final Driver Cross Connector Part #: 17055
T25 Hex



Caliper, Cross Connector Part #: 17056



Final Torque Limiting Handle, 40 in-lbs Part #: 17058



Counter Torque, Cross Connector Part #: 17057



REVISION & REVISION CONNECTOR INSTRUMENTS:

Dome Chisel Part #: 17043



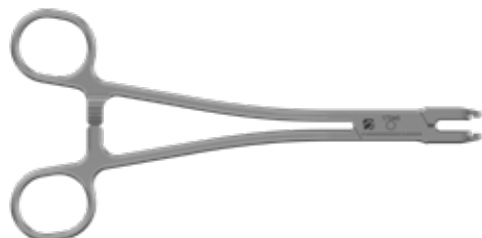
Bear Claw Part #: 17044



Counter Torque, Rod to Rod Part #: 17049



Revision Connector Inserter Part #: 17045

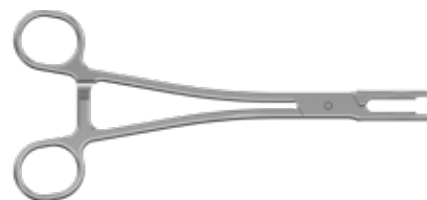


HOOK PREPARATION AND INSERTION INSTRUMENTS:

Lamina Elevator Part #: 17062



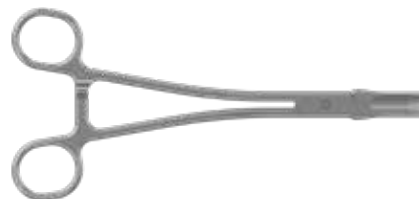
Straight Hook Holder Part #: 17059



Narrow Lamina Elevator Part #: 17063



Side Loading Hook Holder Part #: 17072



Pedicle Elevator Part #: 17064



Hook Pusher Part #: 17065



Inline Hook Inserter Part #: 17066



Hook Impactor Part #: 17067





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