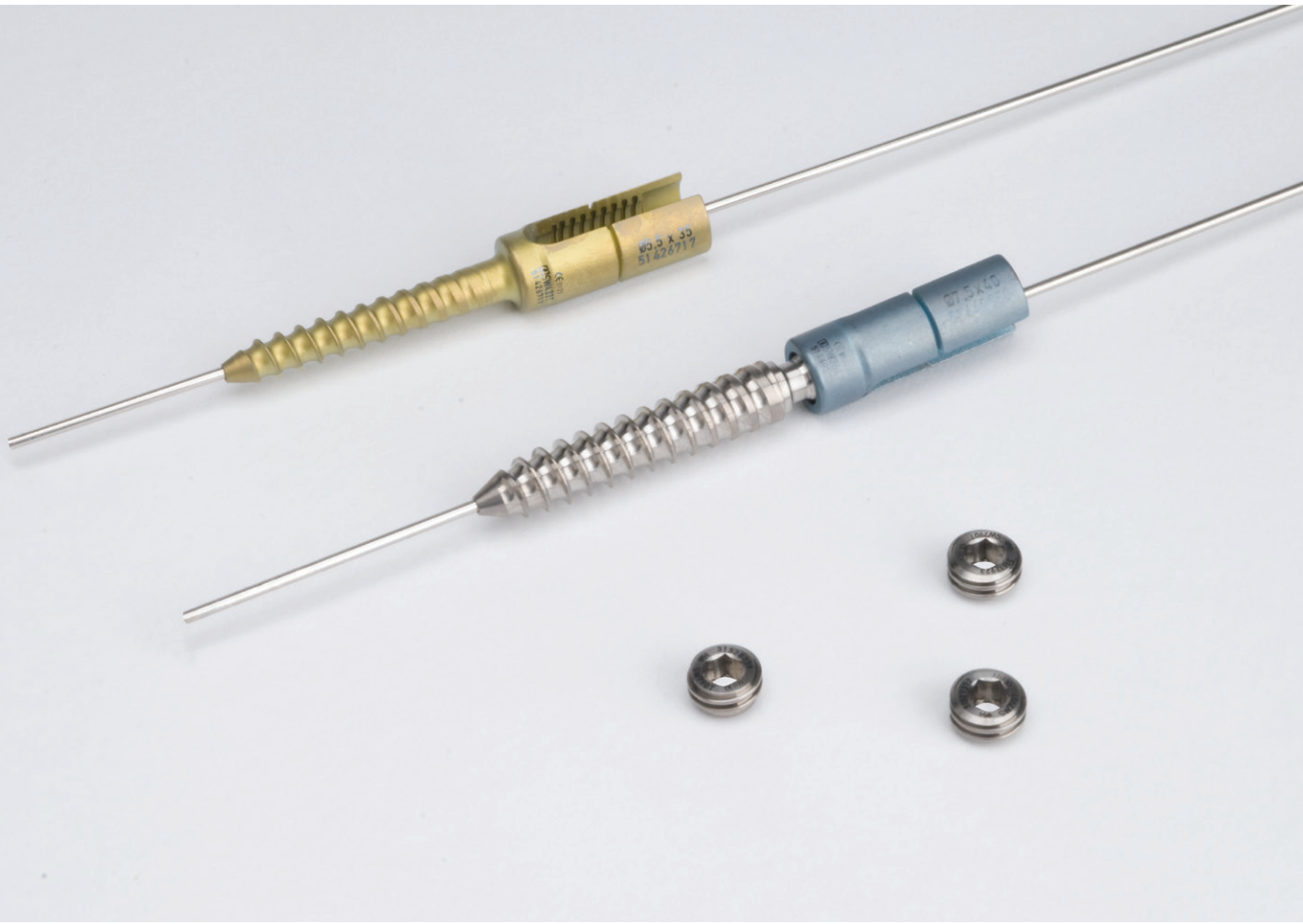


S⁴® MIS Cannulated Pedicle Screw System



Aesculap Spine

AESCULAP
Implant Systems

*A member of the **B|BRAUN** group of companies.*

S⁴® MIS Cannulated Pedicle Screw System

A benchmark from a leader in innovation and quality.

Innovation Through Tabs

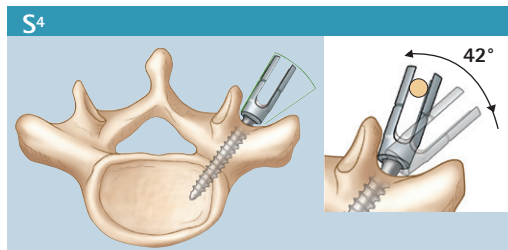
S⁴ is design engineered to maximize stability of construct and provide easy implantation.



Features	Benefits
<ul style="list-style-type: none"> Extended tabs 	<ul style="list-style-type: none"> Increase rod capture range of motion
<ul style="list-style-type: none"> Set screw lead in 	<ul style="list-style-type: none"> Minimize set screw cross threading
<ul style="list-style-type: none"> Break off tabs 	<ul style="list-style-type: none"> Achieve low profile to minimize interference with anatomical structures
<ul style="list-style-type: none"> Patented interlocking thread design 	<ul style="list-style-type: none"> Minimize splaying of screw body
<ul style="list-style-type: none"> Cannulated 	<ul style="list-style-type: none"> Simplified pedicle location through lateral fluoroscopy

S⁴ Spinal System Maximizes Rod Capture Range of Motion*

The extended tabs, small diameter (10.5 mm), and the 42 degree polyaxicity maximizes the range of the screw body to ease rod capture without the use of additional instruments.

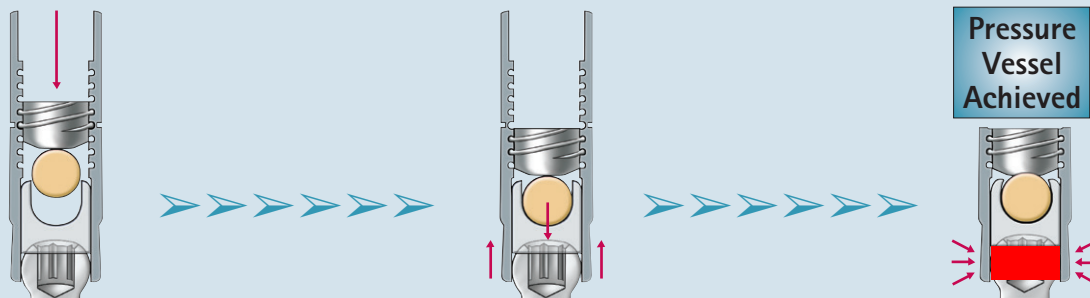


Features	Benefits
<ul style="list-style-type: none"> Small implant 	<ul style="list-style-type: none"> Maximize screw head range of motion
<ul style="list-style-type: none"> Extended tabs on screw head 	<ul style="list-style-type: none"> Simplify rod insertion due to low run on the rod Increase rod capture distance of the screw, virtually eliminating need for extra instrumentation (i.e. rocker, rod persuader)

*Rod Capture Range of Motion - the zone in which the rod can be effectively inserted into the screw head.

S⁴ Pressure Vessel Effect

S⁴ efficiently transfers energy throughout the construct maximizing rod grip while maintaining an exceptionally small implant volume.



S⁴ Versatility

S⁴ offers access to a unique set of specialty instruments to reduce spondylolisthesis (SRI) and fractures (FRI).

S⁴® MIS Cannulated Pedicle Screw System Implant Overview

S⁴ MIS Cannulated Polyaxial Screws

Item No.	Diameter	Length
SW331T	5.5 mm	25 mm
SW332T	5.5 mm	30 mm
SW333T	5.5 mm	35 mm
SW334T	5.5 mm	40 mm
SW336T	5.5 mm	45 mm
SW337T	5.5 mm	50 mm
SW341T	6.5 mm	25 mm
SW342T	6.5 mm	30 mm
SW343T	6.5 mm	35 mm
SW344T	6.5 mm	40 mm
SW346T	6.5 mm	45 mm
SW347T	6.5 mm	50 mm
SW348T	6.5 mm	55 mm
SW349T	6.5 mm	60 mm
SW361T	7.5 mm	25 mm
SW362T	7.5 mm	30 mm
SW363T	7.5 mm	35 mm
SW364T	7.5 mm	40 mm
SW366T	7.5 mm	45 mm
SW367T	7.5 mm	50 mm
SW368T	7.5 mm	55 mm
SW369T	7.5 mm	60 mm



S⁴ MIS Cannulated Monoaxial Screws

Item No.	Diameter	Length
SW433T	5.5 mm	35 mm
SW434T	5.5 mm	40 mm
SW436T	5.5 mm	45 mm
SW437T	5.5 mm	50 mm
SW441T	6.5 mm	25 mm
SW442T	6.5 mm	30 mm
SW443T	6.5 mm	35 mm
SW444T	6.5 mm	40 mm
SW446T	6.5 mm	45 mm
SW447T	6.5 mm	50 mm
SW448T	6.5 mm	55 mm
SW449T	6.5 mm	60 mm
SW461T	7.5 mm	25 mm
SW462T	7.5 mm	30 mm
SW463T	7.5 mm	35 mm
SW464T	7.5 mm	40 mm
SW466T	7.5 mm	45 mm
SW467T	7.5 mm	50 mm
SW468T	7.5 mm	55 mm
SW469T	7.5 mm	60 mm
SW472T	8.5 mm	30 mm
SW473T	8.5 mm	35 mm
SW474T	8.5 mm	40 mm
SW476T	8.5 mm	45 mm
SW477T	8.5 mm	50 mm
SW478T	8.5 mm	55 mm
SW479T	8.5 mm	60 mm



S⁴ MIS Pre-Bent Hex Tip Rods, 5.5 mm

Item No.	Length
SW554T	35 mm
SW555T	40 mm
SW556T	45 mm
SW557T	50 mm
SW558T	55 mm
SW559T	60 mm
SW561T	70 mm
SW562T	80 mm
SW563T	90 mm
SW564T	100 mm
SW566T	110 mm
SW567T	120 mm



S⁴ MIS Straight Hex Tip Rods, 5.5 mm

Item No.	Length
SW573T	35 mm
SW574T	40 mm
SW576T	45 mm
SW577T	50 mm
SW578T	55 mm
SW579T	60 mm
SW581T	70 mm
SW582T	80 mm
SW583T	90 mm
SW584T	100 mm
SW585T	110 mm
SW586T	120 mm



S⁴ MIS Straight Rods, 5.5 mm

Item No.	Length
SW667T	150 mm
SW668T	180 mm
SW669T	200 mm



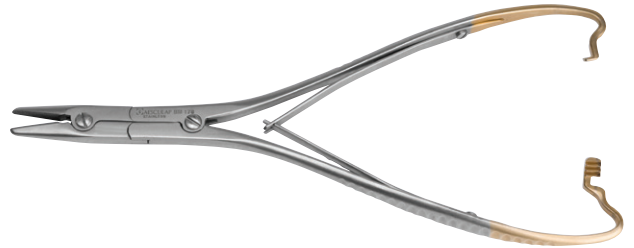
S⁴ MIS Cannulated Set Screws, 4.0 mm

Item No.	Description
SW375T	S ⁴ MIS Cannulated Set Screw



S⁴® MIS Cannulated Pedicle Screw System Instrumentation Overview

Item No.	Description
BM178R	TC Needle Holder Double Action Heavy 200 mm



Item No.	Description
FG276R	SOCON™/S ⁴ Rod Holding Forceps Narrow



Item No.	Description
FW146R	SSE/S ⁴ Pedicle Probe with Button Straight



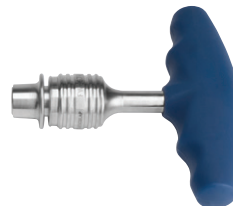
Item No.	Description
FW147R	SSE/S ⁴ Pedicle Probe with Button Curved



Item No.	Description
FW165R	S ⁴ Ratchet Handle Blue Straight



Item No.	Description
FW167R	S ⁴ Cannulated T-Handle for Screw Driver



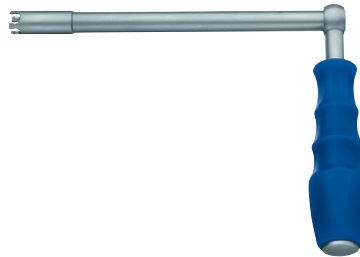
Item No.	Description
FW170R	S ⁴ Torque Wrench with Limit Scale



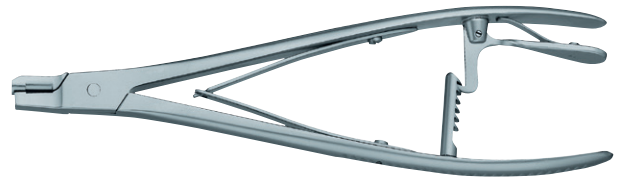
Item No.	Description
FW177R	S ⁴ Set Screw Starter



Item No.	Description
FW178R	S ⁴ ® Counter Torque Instrument



Item No.	Description
FW179R	S ⁴ Tab Breaker



Item No.	Description
FW180R	S ⁴ Screw Body Manipulator



Item No.	Description
FW185R	S ⁴ Rod Trial (Single Use)



Item No.	Description
FW189R	S ⁴ Bone Probe Curved



Item No.	Description
FW193R	S ⁴ Screw Driver SW 4.0 Straight



Item No.	Description
FW240R	S ⁴ Rod Insertion Instrument with Hexagon Jaws



Item No.	Description
FW242R	S ⁴ Rod Length Measuring Instrument



S⁴® MIS Cannulated Pedicle Screw System Instrumentation Overview

Item No.	Description
FW244P	S ⁴ Tissue Protection Sleeve for Cannulated Screws



Item No.	Description
FW247S	S ⁴ Kirschner Boring Wire 1.5 x 420 mm



Item No.	Description
FW258R	S ⁴ Aiming Device for Kirschner Boring Wire



Item No.	Description
FW262R	S ⁴ Screw Driver for Cannulated Monoaxial Screws



Item No.	Description
FW263R	S ⁴ Bone Probe Straight for Cannulated Screws



Item No.	Description
FW264R	S ⁴ Screw Tap for Cannulated Screws 4.5 mm
FW265R	S ⁴ Screw Tap for Cannulated Screws 5.5 mm
FW266R	S ⁴ Screw Tap for Cannulated Screws 6.5 mm
FW267R	S ⁴ Screw Tap for Cannulated Screws 7.5 mm
FW268R	S ⁴ Screw Tap for Cannulated Screws 8.5 mm



Item No.	Description
FW270R	S ⁴ Screw Driver for Cannulated Polyaxial Screws



Item No.	Description
FW271R	S ⁴ Trocar for Cannulated Screws



Item No.	Description
FW272R	S ⁴ Dilation Sleeve for Cannulated Screws



Item No.	Description
FW351R	S ⁴ ® Screw Length Measuring Device



Item No.	Description
LX182R	Wire Extraction Pliers Short Tapered 180 mm



Implant & Instrument Containers & Trays

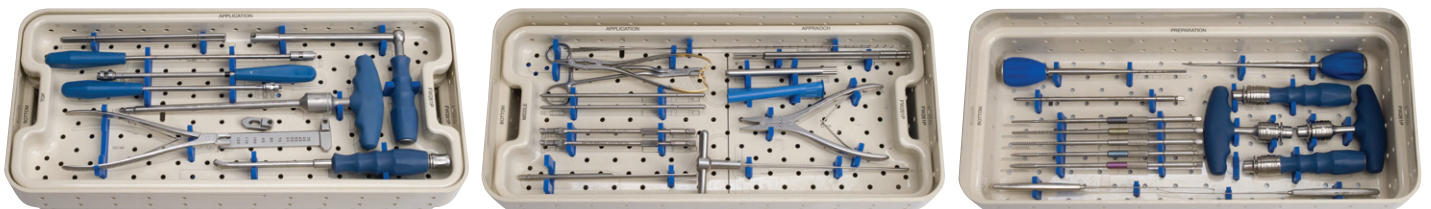
Implant Containers And Tray Components

Item No.	Description
FW259P	S ⁴ Cannulated System Tray for Implants
JN441	Bottom for 1/1 Container Perforated Height:120 mm
JK489	Full-Size Lid with Retention Plate Silver



Instrument Containers And Tray Components

Item No.	Description
FW261P	S ⁴ Cannulated System Tray for Instruments
JK489	Full-Size Lid with Retention Plate Silver
JN444	Full-Size Perforated Bottom 187 mm



For additional information, contact Customer Service at 1-866-229-3002 or visit our website at www.aesculapimplantsystems.com.

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