

Unique attribute of Rod

The 5.5mm diameter Smooth Rod is available from 40 to 480 mm in length.
Rods pre-cut in multiple lengths.
The hexagonal design at both ends are easier for rod rotation.



Description	Item No.	Description	Item No.
Smooth Rod ø5.5 mm			
L 40 mm	132-56408	L 170 mm	132-51708
L 50 mm	132-56508	L 200 mm	132-52008
L 60 mm	132-56608	L 250 mm	132-52508
L 70 mm	132-56708	L 300 mm	132-53008
L 80 mm	132-50808	L 350 mm	132-53508
L 90 mm	132-50908	L 360 mm	132-53608
L100 mm	132-51008	L 400 mm	132-54008
L110 mm	132-51108	L 450 mm	132-54508
L130 mm	132-51308	L 480 mm	132-54808
L150 mm	132-51508		

Transverse Link

Transverse Link provides construct stability and prevents rotating of the vertebral bodies.

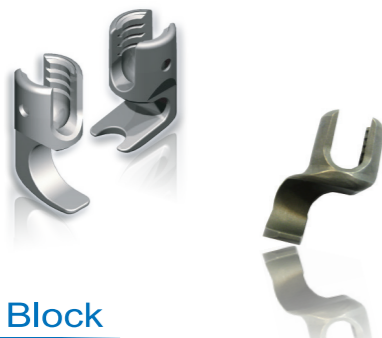


Description	Item No.
Transverse Link	161-26078

Hook

Pedicle Hook
Lamina Hook

Lamina Hook is used to engage in lamina or transverse process.



Description	H/mm	W/mm	Item No.
Pedicle Hook	4	8	156-18048
Pedicle Hook	5	8	156-18058
Pedicle Hook	7	8	156-18078
Pedicle Hook	9	8	156-18098
Lamina Hook	4	5	156-05048
Lamina Hook	5	5	156-05058
Lamina Hook	7	5	156-05078
Lamina Hook	9	5	156-05098
Lamina Hook	7	7	156-07078
Lamina Hook	9	7	156-07098
Lamina Hook	11	7	156-07118

※ Request on demand

Description	Item No.
Offset Hook Left	156-37092
Offset Hook Left	156-37112
Offset Hook Right	156-27092
Offset Hook Right	156-27112

Connector Block

It connects to different diameters of Fixation Rods in parallel or axial directions.

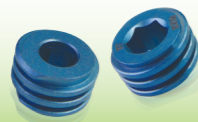


Description	Item No.	
Domino Connector Block(short)	5.5/5.5	142-02572
Domino Connector Block(short)	5.5/6.0	142-02612
Axial Connector Block	5.5/5.5	142-12572
Axial Connector Block	5.5/6.0	142-12612

※ Request on demand

Star Set Screw

Star Set Screw features square thread design enhancing construct rigidity. Innovative thread design prevents loosening, screw cup expanding and the potential of thread crossing.



Description	Item No.
Star Set Screw Ø 9mm	174-07028

SmartLOC[®] Evolution System

史麥特艾爾脊椎固定系統

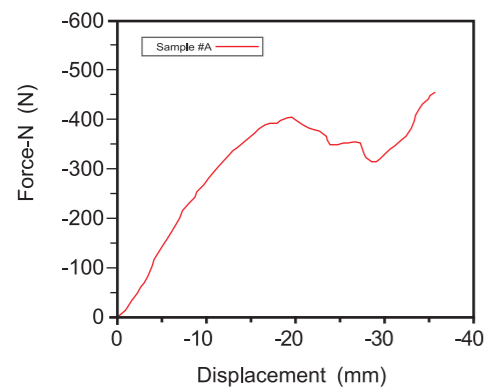


EASY & STABILITY

TOP-LOADING SYSTEM

THREE POINTS FIXATION
MONOAXIAL & POLYAXIAL SCREWS

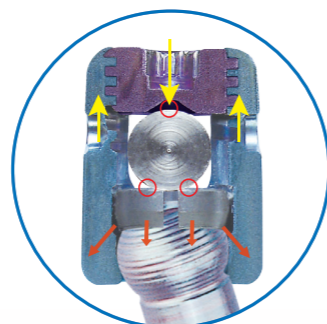
Static Construct Test (Polyaxial Screw) (ASTM F1717)
HL90125/2007/Spinal Fixation System (Polyaxial Screw)



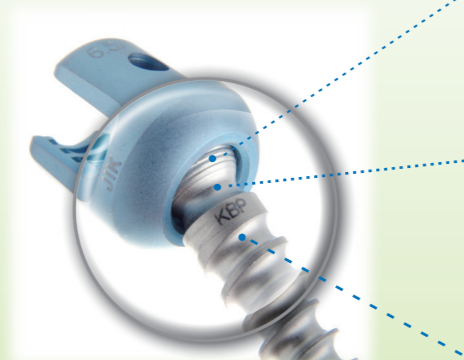
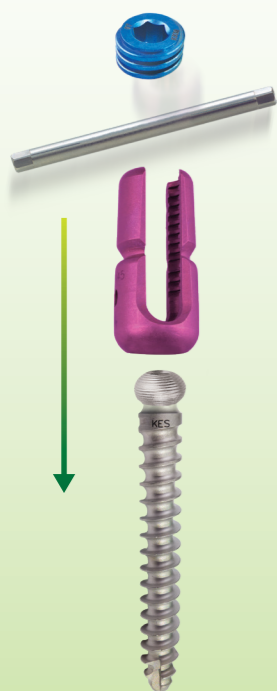
Compressive bending ultimate load 355 N

Static Torsional Test (ASTM F1717)

Screw	Poly-axial Screw
Mode	Torsion
Yield Strength	10.07 Nm
Stiffness	3.44 Nm/degree
Yield angular displacement	4.81 degree



Three-pointed fixation



Screw Head

With micro steps provide a solid locking mechanism.

Screw Neck

Diameter of shaft maximizes the ultimate strength and optimal fixation. Smooth shaft length allows for one full turn of dorsal adjustment.

Screw Thread

Blunt and square cone thread design provides a linear rate of compression that ensures maximum fixation.



Monoaxial Screw

Description	Item No.				
	Ø 5.0mm	Ø 5.5mm	Ø 6.0mm	Ø 6.5mm	Ø 7.0mm
Monoaxial Screw					
L 30 mm	131-50308N				
L 35 mm	131-50358N	131-55358N			131-70358N
L 40 mm	131-50408N	131-55408N	131-60408N	131-65408N	131-70408N
L 45 mm		131-55458N	131-60458N	131-65458N	131-70458N
L 50 mm			131-60508N	131-65508N	131-70508N
L 55 mm				131-65558N	

Monoaxial Long Arm Screw

Description	Item No.				
	Ø 5.0mm	Ø 5.5mm	Ø 6.0mm	Ø 6.5mm	Ø 7.0mm
Monoaxial Long Arm Screw					
L 30 mm	136-50308N				
L 35 mm	136-50358N	136-55358N		136-65358N	136-70358N
L 40 mm	136-50408N	136-55408N	136-60408N	136-65408N	136-70408N
L 45 mm		136-55458N	136-60458N	136-65458N	136-70458N
L 50 mm			136-60508N	136-65508N	136-70508N
L 55 mm				136-65558N	

Polyaxial Screw

Description	Item No.				
	Ø 5.0mm	Ø 5.5mm	Ø 6.0mm	Ø 6.5mm	Ø 7.0mm
Polyaxial Screw					
L 35 mm		134-5035RN			
L 40 mm		134-5540RN	134-6040RN	134-6540RN	
L 45 mm		134-5545RN	134-6045RN	134-6545RN	
L 50 mm			134-6050RN	134-6550RN	
L 55 mm			134-6055RN	134-6555RN	

Color code with screw cup size

Polyaxial Long Arm Screw

Description	Item No.				
	Ø 5.0mm	Ø 5.5mm	Ø 6.0mm	Ø 6.5mm	Ø 7.0mm
Polyaxial Long Arm Screw					
L 35 mm		139-5535RN			
L 40 mm		139-5540RN	139-6040RN	139-6540RN	
L 45 mm		139-5545RN	139-6045RN	139-6545RN	
L 50 mm			139-6050RN	139-6550RN	
L 55 mm			139-6055RN	139-6555RN	

Color code with screw cup size

※ Other sizes available upon request