

KAULMED

KN-2F FEMUR *Nailing System*



about us

KAUL-Medizintechnik GmbH is a German manufacturer and supplier of medical items. Being part of Auxein Group and its German representative, we use its strength and experience to offer excellent products and services.

With our international brand KAULMED our products and we are there
For the Surgeons.



History of "KAULMED"

2020

Construction of KAULMEDs new manufacturing facility has started. Bone Cement and a brand new wound closure system developed in Germany have been added to our portfolio. New catalogues have been designed and published.

2019

KAULMED Spine Solutions were successfully registered and will be dispatched during Q4. Also in 2019 KAULMED gets a new website as we consider this part of our service. At MEDICA 2019 KAULMED is published and made known to the international medical market, with overwhelming success.

2018

KAUL-Medizintechnik GmbH started manufacturing Spine Solutions under KAULMED brand to support a customer and his surgeons. End of 2018 registration of these products in customers country started.

2017

KAUL-Medizintechnik GmbH started its international brand KAULMED. Now the excellent products and services can be offered to customer all over the world.

2016

In 2016 KAUL-Medizintechnik GmbH company structure was modified to ensure enough resources will be available for the new international brand. Manufacturing capacity, customer and technical service have been increased to meet the demands of international customers.

2015

The board of directors decided to use their knowledge and experience of orthopaedic implants to establish a separate international brand.



INTRODUCTION

The KN-2F Femur Nail enables the surgeon to stabilize subtrochanteric femur fractures, ipsilateral neck/shaft fractures, femur shaft fractures, impending pathological fractures, malunions and nonunions.

LOCKING OPTIONS

Standard Locking

The KN-2F Femur Nail with standard locking is indicated for fractures in femur shaft (except subtrochanteric fractures).

- For sufficient proximal static locking, always use the 120° antegrade locking option together with the transverse static screw.



- For immediate **primary dynamization**, insert only one proximal locking screw through the dynamic slot.



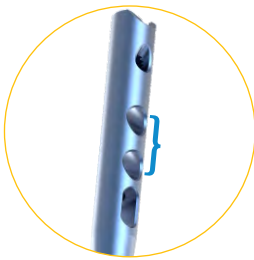
- For **secondary dynamization** use both the dynamic and the 120° antegrade locking position and remove the 120° locking when required.



Reconstruction Locking

The KN-2F Femur Nail with reconstruction locking is indicated for subtrochanteric fractures in addition with femoral shaft and neck fractures.

The use of two Ø6.4mm Cannulated Anti-Rotation screws ensures optimal stabilization for the treatment of combined femur neck and shaft fractures.



Ø6.4mm Cannulated
Anti-Rotation screws



Distal Locking

The distal segment can be stabilized by using two Ø4.8mm Locking Bolts. Stability of the distal fragment can be enhanced by the use of a third Ø4.8mm Locking Bolt in the oblique hole.

1. Static Hole
2. Dynamic Hole (2.1 Dynamic Position & 2.2 Static Position)
3. Static hole



For sufficient distal **static** locking, it is suggested that a minimum of two locking screws should be used



COMPRESSION

It is recommended to close fracture gaps in order to decrease the incidence of nonunion or malunion. The KN-2F Femur Nailing offers two compression options.

Proximal Compression :

If proximal compression is planned, over-insert the nail to compensate for back striking the nail, active compression with compression screw or proximal dynamisation, the final position (after compression) of the nail should be flush with the trochanteric cortex.

Distal Dynamization:

If distal dynamization is planned, the tip of the nail will slide maximum by 9mm distally. In order to protect the articulating surface of the distal femur. This movement has to be taken into account when choosing the length and insertion of the implant.



Proximal Compression Options:

- Active compression via compression screw
- Back stroke technique
- Dynamisation

Distal Compression:

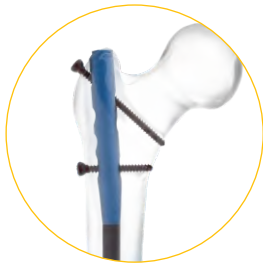
- Dynamisation

INDICATIONS

Standard Locking Indications

The KN-2F Femur Nail with standard locking is indicated for fractures in the Femur Shaft:

32-A/B/C (except subtrochanteric fractures 32-A [1-3].1, 32-B [1-3].1, and 32-C [1-3].1).



Reconstruction Locking Indications

The KN-2F Femur Nail with reconstruction locking is indicated for fractures in the femur shaft in case of combination with femur neck fractures:

32-A/B/C combined with 31-B (double ipsilateral fractures).

Additionally the KN-2F Femur Nail is indicated for fractures in the subtrochanteric section:

32-A [1-3].1, 32-B [1-3].1, and 32-C [1-3].1.



Contraindications

- Isolated femur neck fractures.
- Supracondylar fractures (localisation 32).
- Intertrochanteric fractures
- Pertrochanteric fractures



PRODUCT SPECIFICATIONS

KN-2F Femur Nail

Diameters:

Ø9mm, Ø10mm, Ø11mm, Ø12mm & Ø13mm

Length:

320mm - 440mm (With 20mm difference)

Available in:

Stainless Steel and Titanium

Directions:

Left and Right



Left
Blue & Type-II



Right
Golden & Type-II

Color Coding (only for Titanium):

KN-2F Femur Nail, Left - Blue & Type-II

KN-2F Femur Nail, Right - Golden & Type-II

Cannulation:

All KN-2F Femur Nails are cannulated for reamed or unreamed techniques.

Ball tip reaming rod can be removed through the nail and insertion handle assembly to eliminate need for an exchange tube.

Advanced Nail Design:

- New anatomic bend for ease of nail insertion and extraction.
- Design accommodates a lateral entry site through the greater trochanter.
- Anatomical nail design based on a femur canal study.
- Easier surgical procedure due to streamlined instrumentation.



End Cap For KN-2F Femur Nail

Length:

0mm, 5mm, 10mm, 15mm and 20mm

Available in:

Stainless Steel and Titanium

Color coding (only for Titanium):

Type-II for End Cap

Features:

- End Cap prevents ingrowth of hard & soft tissue which facilitates nail extraction.
- 0 mm End Cap sits flush with nail.
- End Cap with different option of length can extend nail height if nail is over inserted.



Ø4.8mm Locking Bolt, Self-Tapping, For KN-2F Femur Nail

Length:

26mm - 84mm (With 2mm difference), 85mm & 90mm

Available in:

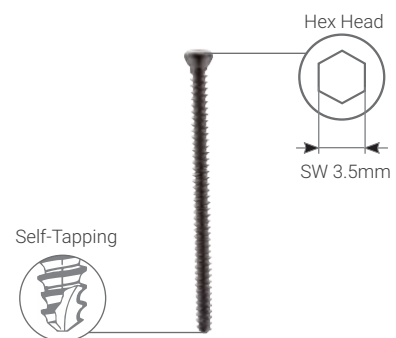
Stainless Steel and Titanium

Color Coding (only for Titanium):

Type-II for Ø4.8mm Locking Bolt

Features:

- Thread closer to screw head for better and improved stability
- Self Tapping
- Hex head
- Larger cross section for improved mechanical resistance.



Ø6.4mm Cannulated Anti-Rotation Screw, Self-Tapping, For KN-2F Femur Nail

Length:

60mm - 130mm (With 5mm difference)

Available in:

Stainless Steel and Titanium

Color Coding (only for Titanium):

Type-II For Ø6.4mm Cannulated Anti-Rotation Screw

Features:

- Cannulated
- Hex head



Entry Point:

The entry point is a determinant factor for the entire operation, especially for the optimal final position of the KN-2F Femur Nail in the medullary canal.



In AP view, the entry point is at the tip of the greater trochanter, approximately 5° lateral to the axis of the medullary canal.

In lateral view the entry point is in line with the axis of the intramedullary canal.



KN-2F Femur Nail

Stainless Steel		
	(Left)	(Right)
		Dia x Length
Ø9mm	N2F019320LS	N2F029320RS
	N2F019340LS	N2F029340RS
	N2F019360LS	N2F029360RS
	N2F019380LS	N2F029380RS
	N2F019400LS	N2F029400RS
	N2F019420LS	N2F029420RS
	N2F019440LS	N2F029440RS
Ø10mm	N2F0110320LS	N2F0210320RS
	N2F0110340LS	N2F0210340RS
	N2F0110360LS	N2F0210360RS
	N2F0110380LS	N2F0210380RS
	N2F0110400LS	N2F0210400RS
	N2F0110420LS	N2F0210420RS
	N2F0110440LS	N2F0210440RS
Ø11mm	N2F0111320LS	N2F0211320RS
	N2F0111340LS	N2F0211340RS
	N2F0111360LS	N2F0211360RS
	N2F0111380LS	N2F0211380RS
	N2F0111400LS	N2F0211400RS
	N2F0111420LS	N2F0211420RS
	N2F0111440LS	N2F0211440RS
Ø12mm	N2F0112320LS	N2F0212320RS
	N2F0112340LS	N2F0212340RS
	N2F0112360LS	N2F0212360RS
	N2F0112380LS	N2F0212380RS
	N2F0112400LS	N2F0212400RS
	N2F0112420LS	N2F0212420RS
	N2F0112440LS	N2F0212440RS
Ø13mm	N2F0113320LS	N2F0213320RS
	N2F0113340LS	N2F0213340RS
	N2F0113360LS	N2F0213360RS
	N2F0113380LS	N2F0213380RS
	N2F0113400LS	N2F0213400RS
	N2F0113420LS	N2F0213420RS
	N2F0113440LS	N2F0213440RS

Left

Right



KN-2F Femur Nail

Titanium		
	(Left)	(Right)
		Dia x Length
Ø9mm	N2F019320LT	N2F029320RT
	N2F019340LT	N2F029340RT
	N2F019360LT	N2F029360RT
	N2F019380LT	N2F029380RT
	N2F019400LT	N2F029400RT
	N2F019420LT	N2F029420RT
	N2F019440LT	N2F029440RT
Ø10mm	N2F0110320LT	N2F0210320RT
	N2F0110340LT	N2F0210340RT
	N2F0110360LT	N2F0210360RT
	N2F0110380LT	N2F0210380RT
	N2F0110400LT	N2F0210400RT
	N2F0110420LT	N2F0210420RT
	N2F0110440LT	N2F0210440RT
Ø11mm	N2F0111320LT	N2F0211320RT
	N2F0111340LT	N2F0211340RT
	N2F0111360LT	N2F0211360RT
	N2F0111380LT	N2F0211380RT
	N2F0111400LT	N2F0211400RT
	N2F0111420LT	N2F0211420RT
	N2F0111440LT	N2F0211440RT
Ø12mm	N2F0112320LT	N2F0212320RT
	N2F0112340LT	N2F0212340RT
	N2F0112360LT	N2F0212360RT
	N2F0112380LT	N2F0212380RT
	N2F0112400LT	N2F0212400RT
	N2F0112420LT	N2F0212420RT
	N2F0112440LT	N2F0212440RT
Ø13mm	N2F0113320LT	N2F0213320RT
	N2F0113340LT	N2F0213340RT
	N2F0113360LT	N2F0213360RT
	N2F0113380LT	N2F0213380RT
	N2F0113400LT	N2F0213400RT
	N2F0113420LT	N2F0213420RT
	N2F0113440LT	N2F0213440RT

Left

Right



End Caps For KN-2F Femur Nail



Stainless Steel	Titanium	Length (mm)
N2F0300S	N2F0300T	0mm
N2F0305S	N2F0305T	5mm
N2F0310S	N2F0310T	10mm
N2F0315S	N2F0315T	15mm
N2F0320S	N2F0320T	20mm

Ø4.8mm Locking Bolt, Self-Tapping,
For KN-2F Femur Nail

Stainless Steel	Titanium	Length (mm)
N2F044826S	N2F044826T	26
N2F044828S	N2F044828T	28
N2F044830S	N2F044830T	30
N2F044832S	N2F044832T	32
N2F044834S	N2F044834T	34
N2F044836S	N2F044836T	36
N2F044838S	N2F044838T	38
N2F044840S	N2F044840T	40
N2F044842S	N2F044842T	42
N2F044844S	N2F044844T	44
N2F044846S	N2F044846T	46
N2F044848S	N2F044848T	48
N2F044850S	N2F044850T	50
N2F044852S	N2F044852T	52
N2F044854S	N2F044854T	54
N2F044856S	N2F044856T	56
N2F044858S	N2F044858T	58
N2F044860S	N2F044860T	60
N2F044862S	N2F044862T	62
N2F044864S	N2F044864T	64
N2F044866S	N2F044866T	66
N2F044868S	N2F044868T	68
N2F044870S	N2F044870T	70
N2F044872S	N2F044872T	72
N2F044874S	N2F044874T	74
N2F044876S	N2F044876T	76
N2F044878S	N2F044878T	78
N2F044880S	N2F044880T	80
N2F044882S	N2F044882T	82
N2F044884S	N2F044884T	84
N2F044885S	N2F044885T	85
N2F044890S	N2F044890T	90



Ø6.4mm Cannulated Anti -Rotation Screw, Self-Tapping, For KN-2F Femur Nail

Stainless Steel	Titanium	Length (mm)
N2F056460S	N2F056460T	60mm
N2F056465S	N2F056465T	65mm
N2F056470S	N2F056470T	70mm
N2F056475S	N2F056475T	75mm
N2F056480S	N2F056480T	80mm
N2F056485S	N2F056485T	85mm
N2F056490S	N2F056490T	90mm
N2F056495S	N2F056495T	95mm
N2F0564100S	N2F0564100T	100mm
N2F0564105S	N2F0564105T	105mm
N2F0564110S	N2F0564110T	110mm
N2F0564115S	N2F0564115T	115mm
N2F0564120S	N2F0564120T	120mm
N2F0564125S	N2F0564125T	125mm
N2F0564130S	N2F0564130T	130mm



KN-2F Femur Nail Implant Set, Right

N2FNISRT Titanium | N2FNISRS Stainless Steel

KN-2F Femur Nail Implant Set, Left

N2FNISLT Titanium | N2FNISLS Stainless Steel





Note

- The Implant Box have 5 Trays with Left & Right direction (Ø9, Ø10, Ø11, Ø12 & Ø13)
- Trays to be used with Implant Box not separately.
- Screw Caddy to be used separately without Implant Box.



1459-069S Screw Tray For KN-2F Femur Nail



Ø6.4mm Cannulated Anti-Rotation Screw, Self-Tapping, For KN-2F Femur Nail

Stainless Steel	Titanium	Length	Units
N2F056460S	N2F056460T	60mm	2
N2F056465S	N2F056465T	65mm	2
N2F056470S	N2F056470T	70mm	2
N2F056475S	N2F056475T	75mm	2
N2F056480S	N2F056480T	80mm	2
N2F056485S	N2F056485T	85mm	2
N2F056490S	N2F056490T	90mm	2
N2F056495S	N2F056495T	95mm	2
N2F0564100S	N2F0564100T	100mm	2
N2F0564105S	N2F0564105T	105mm	2
N2F0564110S	N2F0564110T	110mm	2
N2F0564115S	N2F0564115T	115mm	2
N2F0564120S	N2F0564120T	120mm	2
N2F0564125S	N2F0564125T	125mm	2
N2F0564130S	N2F0564130T	130mm	2



Ø4.8mm Locking Bolt, Self-Tapping, For KN-2F Femur Nail

Stainless Steel	Titanium	Length	Units
N2F044826S	N2F044826T	26	6
N2F044828S	N2F044828T	28	6
N2F044830S	N2F044830T	30	6
N2F044832S	N2F044832T	32	6
N2F044834S	N2F044834T	34	6
N2F044836S	N2F044836T	36	6
N2F044838S	N2F044838T	38	6
N2F044840S	N2F044840T	40	6
N2F044842S	N2F044842T	42	6
N2F044844S	N2F044844T	44	6
N2F044846S	N2F044846T	46	6
N2F044848S	N2F044848T	48	6
N2F044850S	N2F044850T	50	6
N2F044852S	N2F044852T	52	6
N2F044854S	N2F044854T	54	6
N2F044856S	N2F044856T	56	6
N2F044858S	N2F044858T	58	6
N2F044860S	N2F044860T	60	6
N2F044862S	N2F044862T	62	6
N2F044864S	N2F044864T	64	6
N2F044866S	N2F044866T	66	6
N2F044868S	N2F044868T	68	6
N2F044870S	N2F044870T	70	6
N2F044872S	N2F044872T	72	6
N2F044874S	N2F044874T	74	6
N2F044876S	N2F044876T	76	6
N2F044878S	N2F044878T	78	6
N2F044880S	N2F044880T	80	6
N2F044882S	N2F044882T	82	6
N2F044884S	N2F044884T	84	6
N2F044885S	N2F044885T	85	6
N2F044890S	N2F044890T	90	6



N2FI001

Cannulated Awl



N2FI002

Entry Reamer 14.3mm



N2FI003

T-Handle with Quick Coupling For Entry Reamer



N2FI004N

Guide Wire With Ball Tip Ø2.5/3.65mm x Length 1000mm -Nitinol



N2FI062N

Guide Wire Without Ball Tip Ø2.5mm x Length 1000mm -Nitinol



N2FI005

Insertion Handle



N2FI006 Flexible Reamer Shaft (AO Connection)



N2FI007 Reduction Rod



Reamer Head

Code	Dia	Code	Dia
N2FI008	Ø8.5mm	N2FI014	Ø11.5mm
N2FI009	Ø9mm	N2FI015	Ø12mm
N2FI010	Ø9.5mm	N2FI016	Ø12.5mm
N2FI011	Ø10mm	N2FI017	Ø13mm
N2FI012	Ø10.5mm	N2FI018	Ø13.5mm
N2FI013	Ø11mm	N2FI019	Ø14mm



N2FI020 Nail Holding Bolt



N2FI021 Long Screw Driver with T-Handle, Hex 5mm



N2FI022

Sliding Hammer



N2FI023

Proximal Aiming Bar



N2FI024

Locking Bolt For Proximal Aiming Bar



N2FI025

Allen Wrench, Hex 5mm



N2FI026

Proximal Aiming Device



N2FI027

Distal Aiming Bar



N2FI028

Locking Bolt (For Distal Aiming Bar)



N2FI029

Distal Targeting Device



N2FI030

Outer Drill Sleeve 10/8.1mm (For Distal Targeting Device)



N2FI031

Trocar for Sleeves 8.1mm (For Distal Targeting Device)



N2FI032

Drill Sleeve 8.1/5.2mm (For Positioning Rod)



N2FI033

Drill Bit Plain Shank/Jacob Chuck End Ø5.2mm x Length 250mm (For Positioning Rod)



N2FI034

Flat Drill with T-Handle Ø5.2mm (For Positioning Rod)



N2FI035

Positioning Rod 8.1/5.2mm



N2FI036

Stabilizing Device (For Positioning Rod)



N2FI037

Outer Drill Sleeve 11/8.2mm



N2FI038

Drill Sleeve Ø8.2mm



N2FI039

Trocar Ø2.5mm



N2FI040

Drill Sleeve 8/4.4mm



N2FI041

Trocár Ø4.3mm



N2FI042

Drill Bit Plain Shank/Jacob Chuck End Ø4.3mm x 300mm



N2FI061

Stopper For Drill Bit Ø4.3mm



N2FL040

Allen Key, Hex 3mm



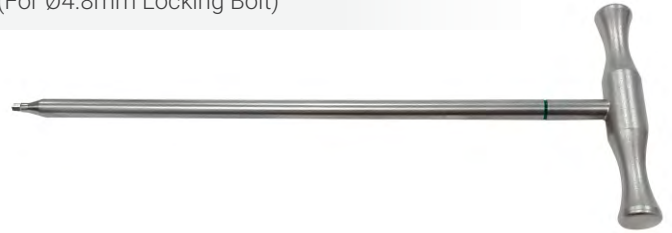
N2FI043

Depth Gauge, measuring upto 90mm (For Ø4.8mm Locking Bolt)



N2FI044

Screw Driver with T-Handle, Hex 3.5mm (For Ø4.8mm Locking Bolt)



N2FI045

Universal Screw Driver, Hex 6.5mm, Ball Tip (For Nail Holding Bolt)



N2FI046

Distal Bolt, Hex-5mm (For Distal Targeting Device)



N2FI047

Threaded Guide Wire, Ø2.5mm x Thread Length 10mm x Length 338mm



N2FI048

Guide Wire, Ø2.5mm x Length 338mm



N2FI049

Direct Measuring Device, Length upto 120mm



N2FI050

Tissue Protector



N2FI051

Cannulated Step Drill Bit (For Anti-Rotation Screw)



N2FI0511

Step Drill Stopper



N2FI053

Protection Sleeve 17/14.5mm



N2FI052

Guide Sleeve For Protection Sleeve 14.3mm



N2FI054

Impactor - Extractor Rod



N2FI0551

Guide Wire Holder



N2FI056

Distal Screw Device (Static/ Dynamic Locking)



N2FI057

Combination Wrench 11mm



N2FI058

Connecting Rod - Impactor



N2FI0581

Connecting Block for Connecting rod



N2FI059

Compression Bolt Ø4mm



N2FI060

Guide Pin, Ø3.2mm x Length 480mm



N2FI063

Radiographic Ruler



N2FI064

Depth Gauge, measuring upto 100mm



N2FI080

Medullary Exchange Tube



N2FI081

T-Handle for Flexible Reamer (AO Connection)



N2FI065

Instrument Trays for KN-2F Femur Nailing Instrument Set



N2FI066

Container with PPSU lid for KN-2F Femur Nailing Instrument set

Optional Instruments

N2FI004S

Guide Wire With Ball Tip Ø3.65mm x Length 1000mm - Stainless Steel

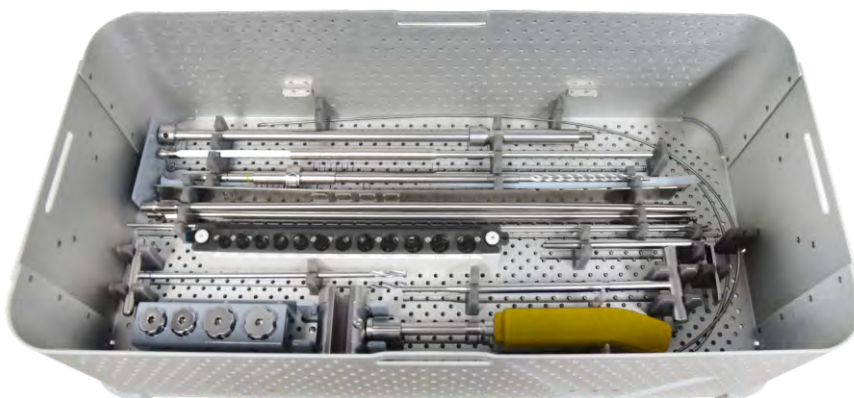
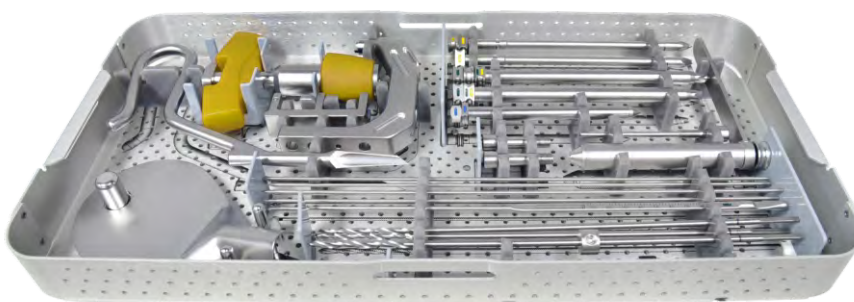
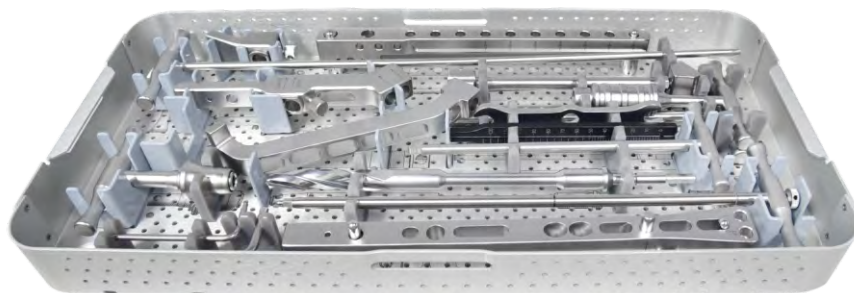


N2FI062S

Guide Wire Without Ball Tip Ø2.5mm x Length 1000mm - Stainless Steel



N2FI KN-2F Femur Nailing Instrument Set



N2FI KN-2F Femur Nailing Instrument Set

Code	Set Consisting of	Units
N2FI001	Cannulated Awl	1
N2FI002	Entry Reamer 14.3mm	1
N2FI003	T-Handle with Quick Coupling For Entry Reamer	1
N2FI004N	Guide Wire With Ball Tip Ø2.5/3.65mm x Length 1000mm -Nitinol	1
N2FI062N	Guide Wire Without Ball Tip Ø2.5mm x Length 1000mm -Nitinol	1
N2FI005	Insertion Handle	1
N2FI006	Flexible Reamer Shaft (AO Connection)	2
N2FI007	Reduction Rod	1
N2FI008	Reamer Head, Ø8.5mm	1
N2FI009	Reamer Head, Ø9mm	1
N2FI010	Reamer Head, Ø9.5mm	1
N2FI011	Reamer Head, Ø10mm	1
N2FI012	Reamer Head, Ø10.5mm	1
N2FI013	Reamer Head, Ø11mm	1
N2FI014	Reamer Head, Ø11.5mm	1
N2FI015	Reamer Head, Ø12mm	1
N2FI016	Reamer Head, Ø12.5mm	1
N2FI017	Reamer Head, Ø13mm	1
N2FI018	Reamer Head, Ø13.5mm	1
N2FI019	Reamer Head, Ø14mm	1
N2FI020	Nail Holding Bolt	2
N2FI021	Long Screw Driver with T-Handle, Hex 5mm	1
N2FI022	Sliding Hammer	1
N2FI023	Proximal Aiming Bar	1
N2FI024	Locking Bolt For Proximal Aiming Bar	1
N2FI025	Allen Wrench, Hex 5mm	1
N2FI026	Proximal Aiming Device	1
N2FI027	Distal Aiming Bar	1
N2FI028	Locking Bolt (For Distal Aiming Bar)	1
N2FI029	Distal Targeting Device	1
N2FI030	Outer Drill Sleeve 10/8.1mm (For Distal Targeting Device)	1
N2FI031	Trocar for Sleeves 8.1mm (For Distal Targeting Device)	1
N2FI032	Drill Sleeve 8.1/5.2mm (For Positioning Rod)	1
N2FI033	Drill Bit Plain Shank/Jacob Chuck End Ø5.2mm x Length 250mm (For Positioning Rod)	1
N2FI034	Flat Drill with T-Handle Ø5.2mm (For Positioning Rod)	1
N2FI035	Positioning Rod 8.1/5.2mm	1
N2FI036	Stabilizing Device (For Positioning Rod)	1
N2FI037	Outer Drill Sleeve 11/8.2mm	2



Code	Set Consisting of	Units
N2FI038	Drill Sleeve Ø8.2mm	2
N2FI039	Trocar Ø2.5mm	1
N2FI040	Drill Sleeve 8/4.4mm	2
N2FI041	Trocar Ø4.3mm	1
N2FI042	Drill Bit Plain Shank/Jacob Chuck End Ø4.3mm x 300mm	3
N2FI061	Stopper For Drill Bit Ø4.3mm	1
N2FL040	Allen Key, Hex 3mm	1
N2FI043	Depth Gauge, measuring upto 90mm (For Ø4.8mm Locking Bolt)	1
N2FI044	Screw Driver with T-Handle, Hex 3.5mm (For Ø4.8mm Locking Bolt)	1
N2FI045	Universal Screw Driver, Hex 6.5mm, Ball Tip (For Nail Holding Bolt)	1
N2FI046	Distal Bolt, Hex-5mm (For Distal Targeting Device)	2
N2FI047	Threaded Guide Wire, Ø2.5mm x Thread Length 10mm x Length 338mm	3
N2FI048	Guide Wire, Ø2.5mm x Length 338mm	3
N2FI049	Direct Measuring Device, Length upto 120mm	1
N2FI050	Tissue Protector	1
N2FI051	Cannulated Step Drill Bit (For Anti-Rotation Screw)	1
N2FI0511	Step Drill Stopper	1
N2FI053	Protection Sleeve 17/14.5mm	1
N2FI052	Guide Sleeve For Protection Sleeve 14.3mm	1
N2FI054	Impactor - Extractor Rod	1
N2FI0551	Guide Wire Holder	1
N2FI056	Distal Screw Device (Static/ Dynamic Locking)	1
N2FI057	Combination Wrench 11mm	1
N2FI058	Connecting Rod - Impactor	1
N2FI0581	Connecting Block for Connecting rod	1
N2FI059	Compression Bolt Ø4mm	1
N2FI060	Guide Pin, Ø3.2mm x Length 480mm	2
N2FI063	Radiographic Ruler	1
N2FI064	Depth Gauge, measuring upto 100mm	1
N2FI080	Medullary Exchange Tube	1
N2FI081	T-Handle for Flexible Reamer (AO Connection)	1
N2FI065	Instrument Trays for KN-2F Femur Nailing Instrument Set	3
N2FI066	Container with PPSU lid for KN-2F Femur Nailing Instrument set	1



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