

KAULMED

KN-4F 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.



KN-4F Femur Nail

Ø Dia	Length	Stainless Steel	Titanium
9mm	320mm	N4F019320S	N4F019320T
9mm	340mm	N4F019340S	N4F019340T
9mm	360mm	N4F019360S	N4F019360T
9mm	380mm	N4F019380S	N4F019380T
9mm	400mm	N4F019400S	N4F019400T
9mm	420mm	N4F019420S	N4F019420T
9mm	440mm	N4F019440S	N4F019440T
10mm	320mm	N4F0110320S	N4F0110320T
10mm	340mm	N4F0110340S	N4F0110340T
10mm	360mm	N4F0110360S	N4F0110360T
10mm	380mm	N4F0110380S	N4F0110380T
10mm	400mm	N4F0110400S	N4F0110400T
10mm	420mm	N4F0110420S	N4F0110420T
10mm	440mm	N4F0110440S	N4F0110440T
11mm	320mm	N4F0111320S	N4F0111320T
11mm	340mm	N4F0111340S	N4F0111340T
11mm	360mm	N4F0111360S	N4F0111360T
11mm	380mm	N4F0111380S	N4F0111380T
11mm	400mm	N4F0111400S	N4F0111400T
11mm	420mm	N4F0111420S	N4F0111420T
11mm	440mm	N4F0111440S	N4F0111440T
12mm	320mm	N4F0112320S	N4F0112320T
12mm	340mm	N4F0112340S	N4F0112340T
12mm	360mm	N4F0112360S	N4F0112360T
12mm	380mm	N4F0112380S	N4F0112380T
12mm	400mm	N4F0112400S	N4F0112400T
12mm	420mm	N4F0112420S	N4F0112420T
12mm	440mm	N4F0112440S	N4F0112440T
13mm	320mm	N4F0113320S	N4F0113320T
13mm	340mm	N4F0113340S	N4F0113340T
13mm	360mm	N4F0113360S	N4F0113360T
13mm	380mm	N4F0113380S	N4F0113380T
13mm	400mm	N4F0113400S	N4F0113400T
13mm	420mm	N4F0113420S	N4F0113420T
13mm	440mm	N4F0113440S	N4F0113440T



End Cap for KN-4F Femur Nail

Stainless Steel	Titanium
N4F02S	N4F02T



Ø4.5mm Locking Bolt, Self-Tapping, For KN-4F Femur Nail

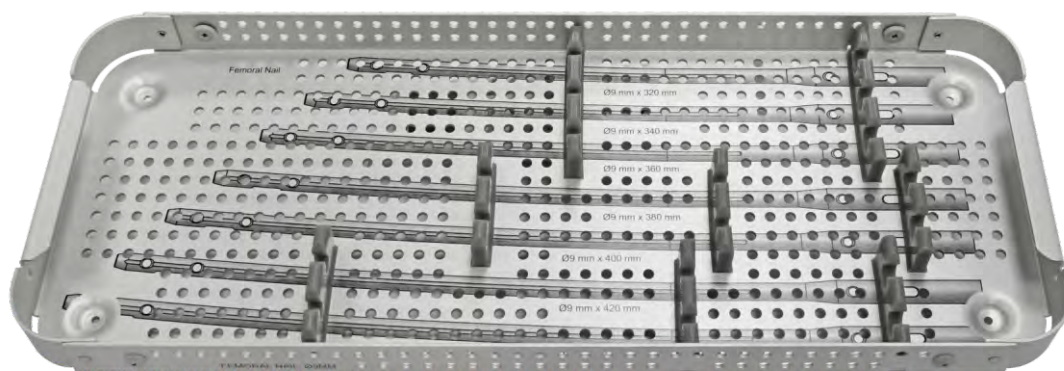
Stainless Steel	Titanium	Length (mm)
N4F034520S	N4F034520T	20mm
N4F034525S	N4F034525T	25mm
N4F034530S	N4F034530T	30mm
N4F034535S	N4F034535T	35mm
N4F034540S	N4F034540T	40mm
N4F034545S	N4F034545T	45mm
N4F034550S	N4F034550T	50mm
N4F034555S	N4F034555T	55mm
N4F034560S	N4F034560T	60mm
N4F034565S	N4F034565T	65mm
N4F034570S	N4F034570T	70mm
N4F034575S	N4F034575T	75mm
N4F034580S	N4F034580T	80mm



KN-4F Femur Nail Implant Set



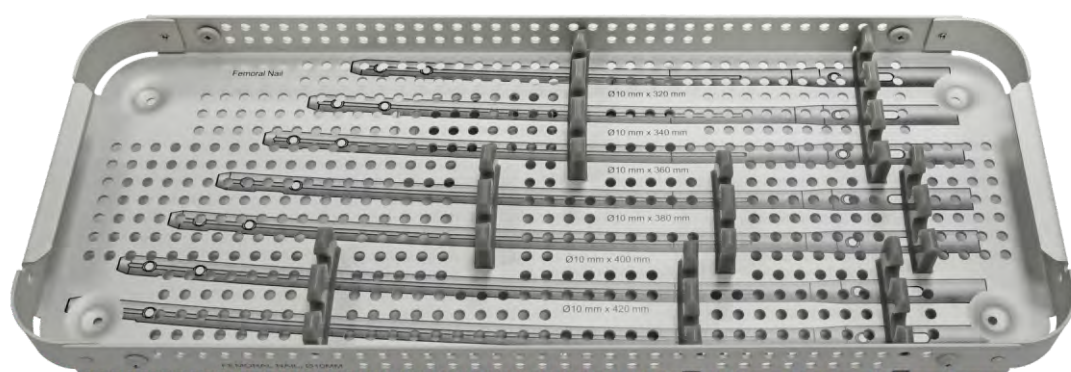
Tray-1 For KN-4F Femur Nail Ø9mm



Stainless Steel	Titanium	Dimension	Units
N4F019320S	N4F019320T	Ø9mm x 320mm	1
N4F019340S	N4F019340T	Ø9mm x 340mm	1
N4F019360S	N4F019360T	Ø9mm x 360mm	1
N4F019380S	N4F019380T	Ø9mm x 380mm	1
N4F019400S	N4F019400T	Ø9mm x 400mm	1
N4F019420S	N4F019420T	Ø9mm x 420mm	1
N4F019440S	N4F019440T	Ø9mm x 440mm	1



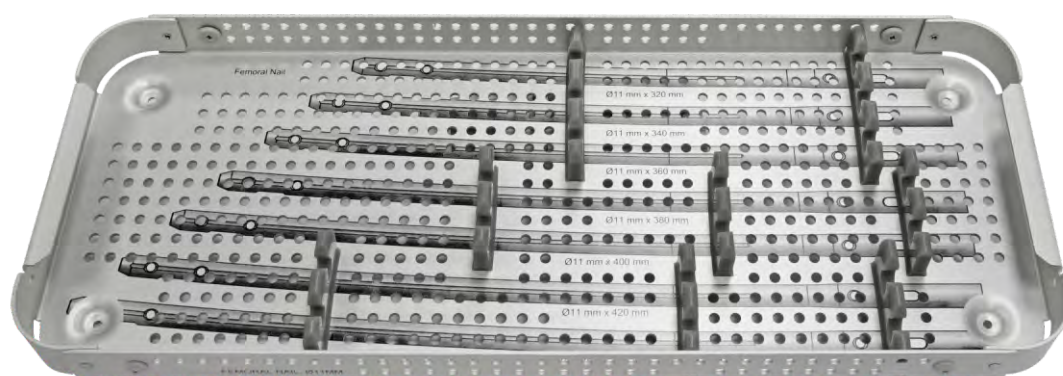
Tray-2 For KN-4F Femur Nail Ø10mm



Stainless Steel	Titanium	Dimension	Units
N4F0110320S	N4F0110320T	Ø10mm x 320mm	1
N4F0110340S	N4F0110340T	Ø10mm x 340mm	1
N4F0110360S	N4F0110360T	Ø10mm x 360mm	1
N4F0110380S	N4F0110380T	Ø10mm x 380mm	1
N4F0110400S	N4F0110400T	Ø10mm x 400mm	1
N4F0110420S	N4F0110420T	Ø10mm x 420mm	1
N4F0110440S	N4F0110440T	Ø10mm x 440mm	1



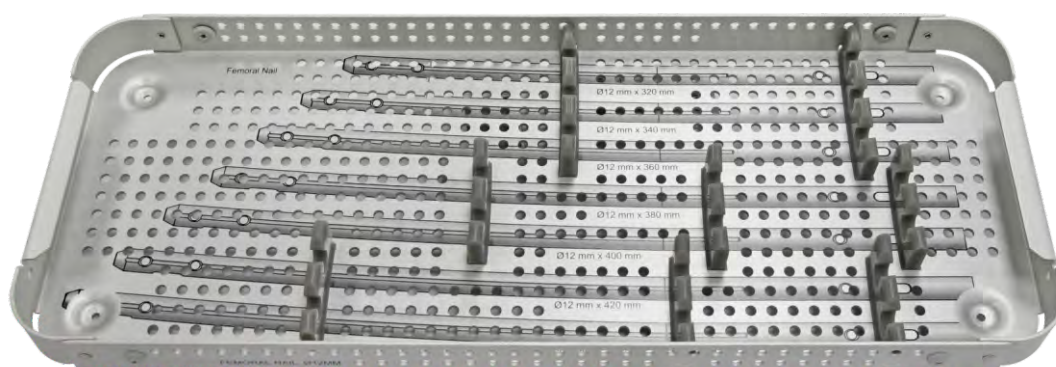
Tray-3 For KN-4F Femur Nail Ø11mm



Stainless Steel	Titanium	Dimension	Units
N4F0111320S	N4F0111320T	Ø11mm x 320mm	1
N4F0111340S	N4F0111340T	Ø11mm x 340mm	1
N4F0111360S	N4F0111360T	Ø11mm x 360mm	1
N4F0111380S	N4F0111380T	Ø11mm x 380mm	1
N4F0111400S	N4F0111400T	Ø11mm x 400mm	1
N4F0111420S	N4F0111420T	Ø11mm x 420mm	1
N4F0111440S	N4F0111440T	Ø11mm x 440mm	1



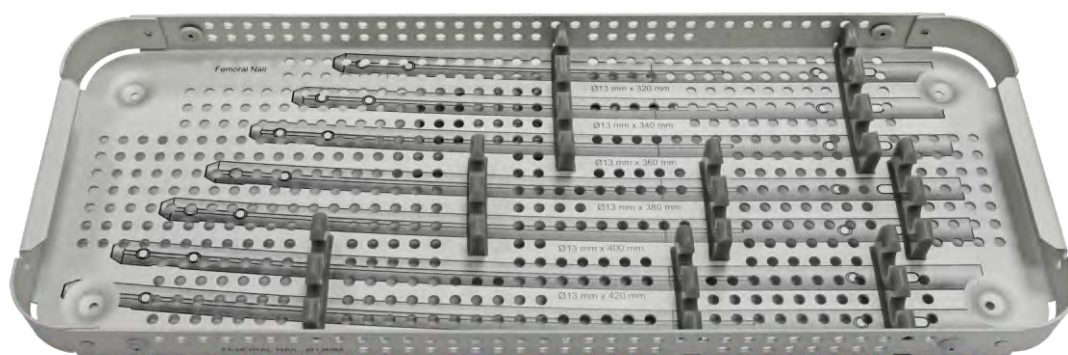
Tray-4 For KN-4F Femur Nail Ø12mm



Stainless Steel	Titanium	Dimension	Units
N4F0112320S	N4F0112320T	Ø12mm x 320mm	1
N4F0112340S	N4F0112340T	Ø12mm x 340mm	1
N4F0112360S	N4F0112360T	Ø12mm x 360mm	1
N4F0112380S	N4F0112380T	Ø12mm x 380mm	1
N4F0112400S	N4F0112400T	Ø12mm x 400mm	1
N4F0112420S	N4F0112420T	Ø12mm x 420mm	1
N4F0112440S	N4F0112440T	Ø12mm x 440mm	1



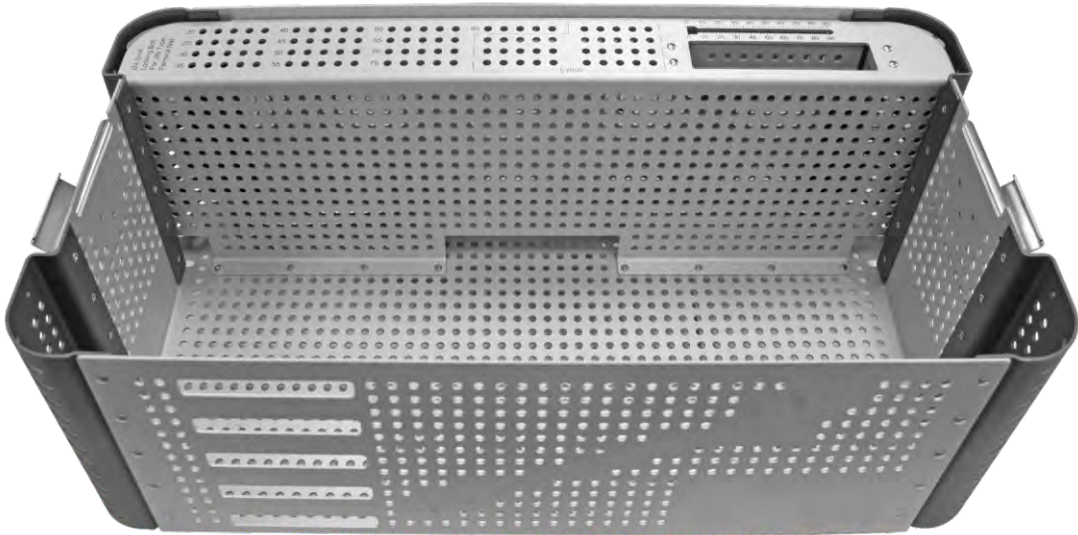
Tray-5 For KN-4F Femur Nail Ø13mm



Stainless Steel	Titanium	Dimension	Units
N4F0113320S	N4F0113320T	Ø13mm x 320mm	1
N4F0113340S	N4F0113340T	Ø13mm x 340mm	1
N4F0113360S	N4F0113360T	Ø13mm x 360mm	1
N4F0113380S	N4F0113380T	Ø13mm x 380mm	1
N4F0113400S	N4F0113400T	Ø13mm x 400mm	1
N4F0113420S	N4F0113420T	Ø13mm x 420mm	1
N4F0113440S	N4F0113440T	Ø13mm x 440mm	1



N4FST Screw Tray for KN-4F Femur Nail



Ø4.5mm Locking Bolt, Self-Tapping, For KN-4F Femur Nail

Stainless Steel	Titanium	Length	Units
N4F034520S	N4F034520T	20mm	5
N4F034525S	N4F034525T	25mm	5
N4F034530S	N4F034530T	30mm	5
N4F034535S	N4F034535T	35mm	5
N4F034540S	N4F034540T	40mm	5
N4F034545S	N4F034545T	45mm	5
N4F034550S	N4F034550T	50mm	5
N4F034555S	N4F034555T	55mm	5
N4F034560S	N4F034560T	60mm	5
N4F034565S	N4F034565T	65mm	5
N4F034570S	N4F034570T	70mm	5
N4F034575S	N4F034575T	75mm	5
N4F034580S	N4F034580T	80mm	5



N4FI001

Drill Sleeve 8/4mm For Drill Bit Ø4mm

**N4FI002**

Protection Sleeve 10/8.2mm

**N4FI003**

Drill Sleeve 8/5.3mm For Drill Bit Ø5.2mm

**N4FI004**

Tissue protector

**N4FI005**

Right Angle Locking Rod Ø4mm For Nail Holding Bolt

**N4FI006**

T-Handle Screw Driver, Hex 3.5mm



N4FI007

Positioning Flat Drill Ø5.2mm with T-Handle

**N4FI008**

T-Handle Tap Ø6mm For Ø4.5mm Locking Bolt, Self-Tapping

**N4FI009**

Screw Extractor Ø9.9mm

**N4FI010**

Positioning Rod Ø5mm

**N4FI012**

Allen Key, Hex 5mm

**N4FI013**

Allen Key, Hex 3mm



N4FI014

Combination Wrench, Hex 12mm



N4FI015

Cannulated Awl



Reamer Head

Code	Dia	Code	Dia
N4FI024	Ø13mm	N4FI021	Ø9.5mm
N4FI062	Ø12.5mm	N4FI022	Ø9mm
N4FI016	Ø12mm	N4FI042	Ø8.5mm
N4FI017	Ø11.5mm	N4FI043	Ø8mm
N4FI018	Ø11mm	N4FI063	Ø13.5mm
N4FI019	Ø10.5mm	N4FI064	Ø14mm
N4FI020	Ø10mm		



N4FI023

Drill Bit Plain Shank/ Jacob Chuck End Ø4mm x Length 300mm



N4FI027

Stopper For Drill Bit Ø4mm



N4FI025

Drill Bit Plain Shank/ Jacob Chuck End Ø5.2mm x Length 250mm

**N4FI026**

Entry Reamer Ø12.5mm With Quick Coupling End

**N4FI028**

Reduction Device

**N4FI029**

Flexible Reaming Shaft (For Reamer Head Ø8mm to 13mm)

**N4FI031**

Insertion Handle

**N4FI032**

Distal Targeting Arm



N4FI033

T-Handle Quick Coupling For Flexible Reamer Shaft/Entry Reamer

**N4FI034**

Positioning Block

**N4FI035**

Trocac Ø8mm

**N4FI036**

Distal Targeting Device (Length 320mm To 440mm)

**N4FI030**

Bolt For Distal Targeting Device

**N4FI037**

Protection Sleeve 15.5/13.5mm For Entry Reamer



N4FI038

Measuring Device upto 90mm



N4FI039

Extraction Rod With Ram



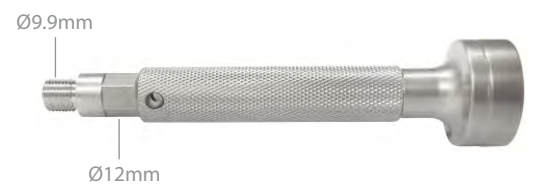
N4FI040

Extraction Handle for KN-4F Femur Nail



N4FI041

Impactor Ø9.9mm



N4FI044N

Guide Wire with Ball Tip Ø3.5mm/2.5mm x Length 1050mm - Nitinol



N4FI046

Nail Holding Bolt



N4FI047

Bolt For Proximal Targeting Device

**N4FI048**

Proximal Targeting Device

**N4FI049**

Guide Wire Introducer

**N4FI065**

Guide Wire with Threaded Tip, Ø3.2mm x Length 400mm

**N4FI061**

Plastic Exchange Tube For KN-4F Femur Nail

**N4FI060**

Radiographic Ruler For KN-4F Femur Nail



N4FI100

Instrument Trays For KN-4F Femur Nailing Instrument Set



N4FI101

Container for KN-4F Femur Nailing Instrument Set



N4FI KN-4F Femur Nailing Instrument Set



N4FI KN-4F Femur Nailing Instrument Set

Code	Set Consisting of	Units
N4FI001	Drill Sleeve 8/4mm For Drill Bit Ø4mm	2
N4FI002	Protection Sleeve 10/8.2mm	3
N4FI003	Drill Sleeve 8/5.3mm For Drill Bit Ø5.2mm	1
N4FI004	Tissue protector	1
N4FI005	Right Angle Locking Rod Ø4mm For Nail Holding Bolt	1
N4FI006	T-Handle Screw Driver, Hex 3.5mm	1
N4FI007	Positioning Flat Drill Ø5.2mm with T-Handle	1
N4FI008	T-Handle Tap Ø6mm For Ø4.5mm Locking Bolt, Self -Tapping	1
N4FI009	Screw Extractor Ø9.9mm	1
N4FI010	Positioning Rod Ø5mm	1
N4FI012	Allen Key, Hex 5mm	1
N4FI013	Allen Key, Hex 3mm	1
N4FI014	Combination Wrench, Hex 12mm	1
N4FI015	Cannulated Awl	1
N4FI024	Reamer Head Ø13mm	1
N4FI062	Reamer Head Ø12.5mm	1
N4FI016	Reamer Head Ø12mm	1
N4FI017	Reamer Head Ø11.5mm	1
N4FI018	Reamer Head Ø11mm	1
N4FI019	Reamer Head Ø10.5mm	1
N4FI020	Reamer Head Ø10mm	1
N4FI021	Reamer Head Ø9.5mm	1
N4FI022	Reamer Head Ø9mm	1
N4FI042	Reamer Head Ø8.5mm	1
N4FI043	Reamer Head Ø8mm	1
N4FI063	Reamer Head Ø13.5mm	1
N4FI064	Reamer Head Ø14mm	1
N4FI023	Drill Bit Plain Shank/ Jacob Chuck End Ø4mm x Length 300mm	2
N4FI027	Stopper For Drill Bit Ø4mm	1
N4FI025	Drill Bit Plain Shank/ Jacob Chuck End Ø5.2mm x Length 250mm	1
N4FI026	Entry Reamer Ø12.5mm With Quick Coupling End	1
N4FI028	Reduction Device	1
N4FI029	Flexible Reaming Shaft (For Reamer Head Ø8mm to 13mm)	2
N4FI031	Insertion Handle	1



Code	Set Consisting of	Units
N4FI032	Distal Targeting Arm	1
N4FI033	T-Handle Quick Coupling For Flexible Reamer Shaft/Entry Reamer	1
N4FI034	Positioning Block	1
N4FI035	Trocar Ø8mm	1
N4FI036	Distal Targeting Device (Length 320mm To 440mm)	1
N4FI030	Bolt For Distal Targeting Device	3
N4FI037	Protection Sleeve 15.5/13.5mm For Entry Reamer	1
N4FI038	Measuring Device upto 90mm	1
N4FI039	Extraction Rod With Ram	1
N4FI040	Extraction Handle for KN-4F Femur Nail	1
N4FI041	Impactor Ø9.9mm	1
N4FI044N	Guide Wire with Ball Tip Ø3.5mm/2.5mm x Length 1050mm - Nitinol	2
N4FI046	Nail Holding Bolt	1
N4FI047	Bolt For Proximal Targeting Device	1
N4FI048	Proximal Targeting Device	1
N4FI049	Guide Wire Introducer	1
N4FI065	Guide Wire with Threaded Tip, Ø3.2mm x Length 400mm	3
N4FI061	Plastic Exchange Tube For KN-4F Femur Nail	1
N4FI060	Radiographic Ruler For KN-4F Femur Nail	1
N4FI100	Instrument Trays For KN-4F Femur Nailing Instrument Set	3
N4FI101	Container for KN-4F Femur Nailing Instrument Set	1



KAULMED

KAUL-Medizintechnik GmbH

Josef-Görres-Platz 2, 56068 Koblenz | Germany
Phone: +49 261 3011 332 | Fax: +49 261 3011 111 | Web : www.kaulmed.com

HRB 24579 AG Koblenz | USt-IdNr.: De299657301
Bankers: Deutsche Bank AG | IBAN: DE65 3007 0010 0048 4113 00 | BIC: DEUTDEDDXXX

