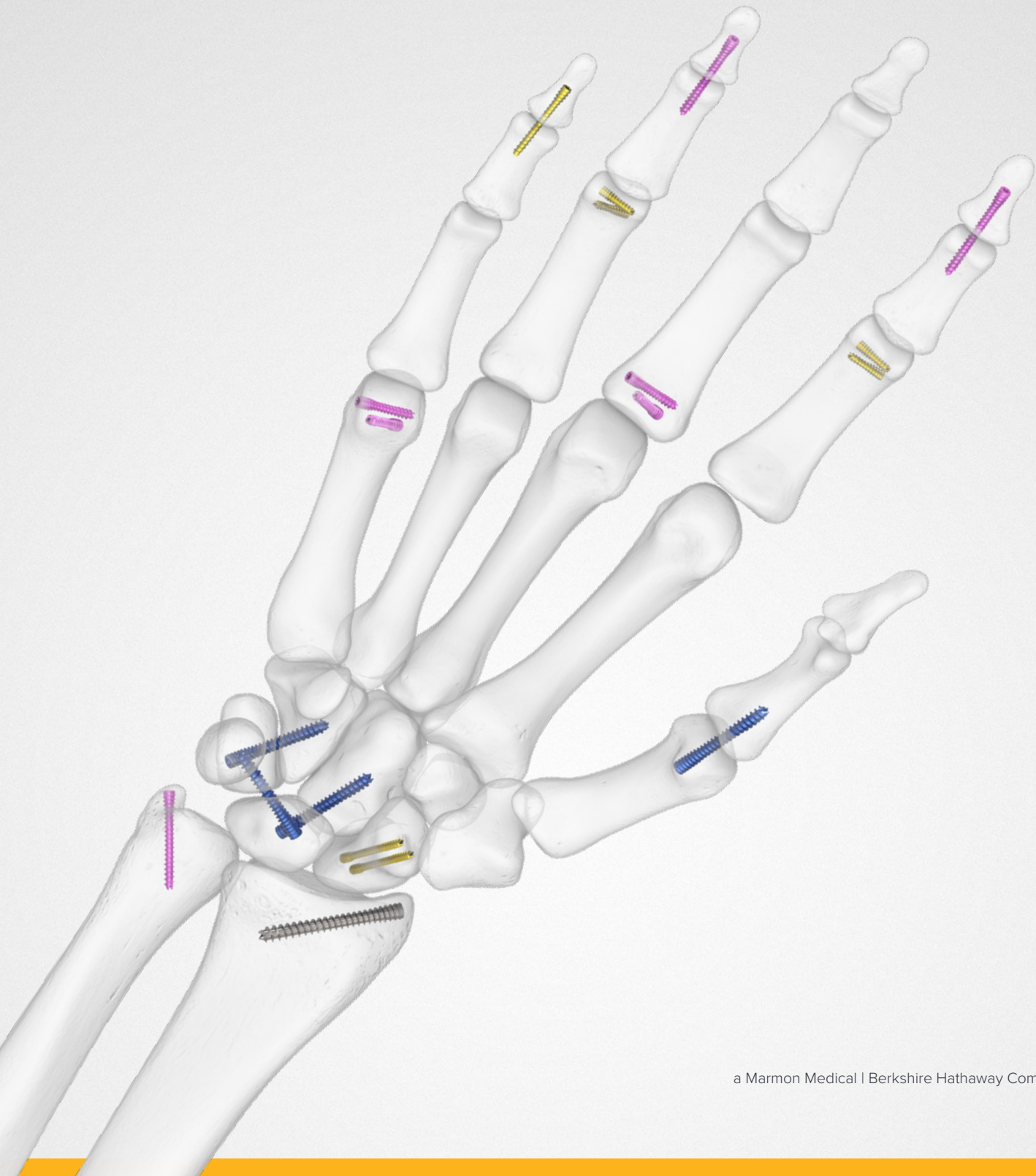




acumed®

Acutrak® 3 Headless Compression Screw System

## Surgical Technique



Acumed® is a global leader of innovative orthopaedic and medical solutions.



We are dedicated to developing products, service methods, and approaches that improve patient care.



## Acutrak® 3 Headless Compression Screw System

Since its introduction in 1994, the Acutrak Headless Compression Screw technology has revolutionized the way surgeons treat fractures, fusions, and osteotomies. Acutrak 3 is the next generation in fully threaded headless fixation, offering a new 2.0 mm diameter Nano screw and extensions to the existing lengths of the Micro, Mini, and Standard screws, allowing expansion of treatment options for the many indications historically treated with the Acutrak 2 System. Long-term surgeon feedback has helped develop this continuously variable fully threaded headless implant with instrumentation designed to simplify the surgical technique.

The Acutrak 3 family includes 93 unique screw size options to support a broad range of applications throughout the body and is available in both sterile and non-sterile options to accommodate diverse facility needs and workflows.

	Definition
<b>Warning</b>	Indicates critical information about a potential serious outcome to the patient or the user.
<b>Caution</b>	Indicates instructions that must be followed in order to ensure the proper use of the device.
<b>Note</b>	Indicates information requiring special attention.

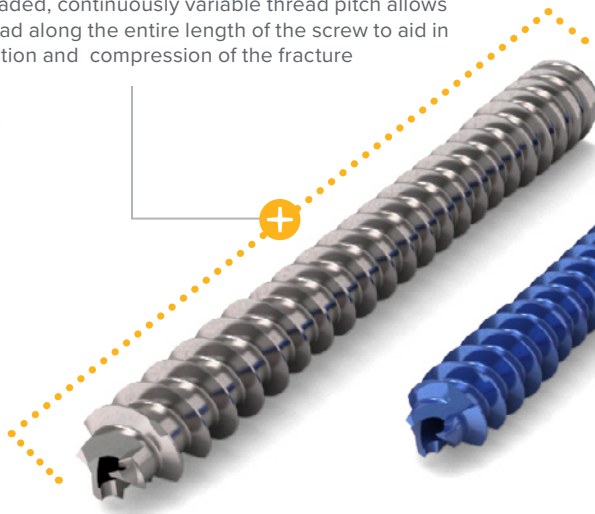
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## System Features

Fully threaded, continuously variable thread pitch allows each thread along the entire length of the screw to aid in the reduction and compression of the fracture

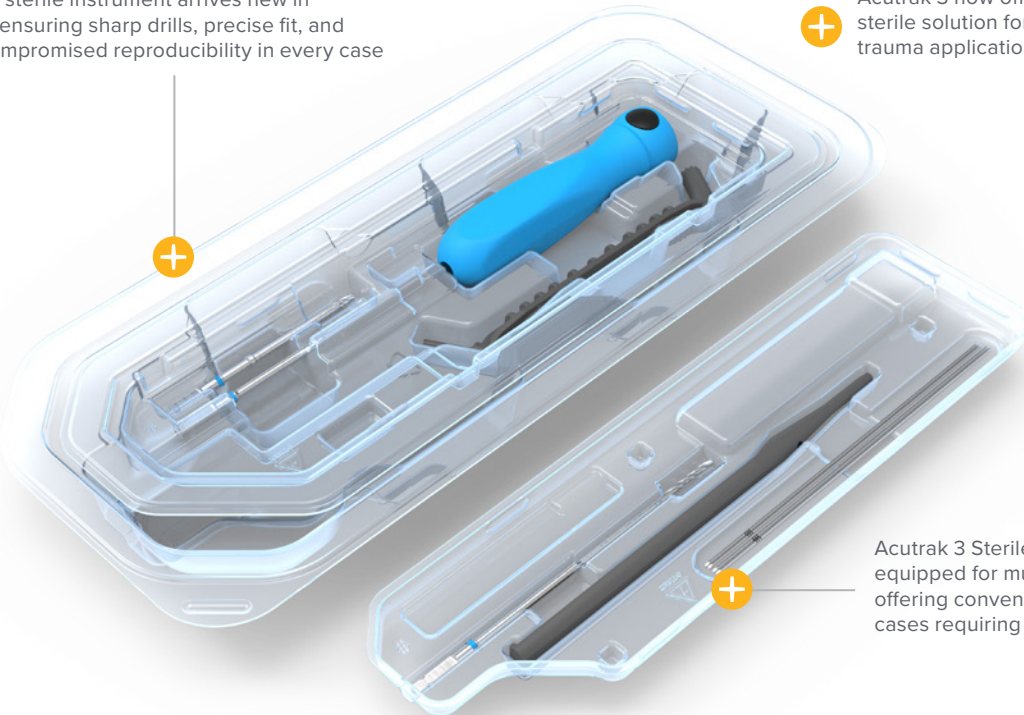


Headless screw design is intended to minimize soft tissue irritation



Cutting flutes are engineered to make the screw self-tapping and facilitate insertion into hard bone

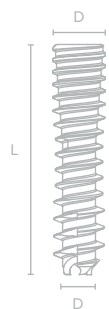
Each sterile instrument arrives new in box, ensuring sharp drills, precise fit, and uncompromised reproducibility in every case



Acutrak 3 now offers the efficiency of a sterile solution for reconstructive and trauma applications in any surgical setting

Acutrak 3 Sterile Instrument Kits are equipped for multiple screw insertions, offering convenience and efficiency in cases requiring more than one implant

## System Features [continued]



Screw	2.0 Nano	2.5 Micro	3.5 Mini	4.0 Standard
<b>Diameter</b>	Tip: 2.0 mm Tail: 2.4 mm	Tip: 2.5 mm Tail: 3.0 mm	Tip: 3.5 mm Tail: 3.6 mm	Tip: 4.0 mm Tail: 4.1 mm
<b>Length</b>	1 mm increments 8–14 mm 2 mm increments 14–40 mm	1 mm increments 8–14 mm 2 mm increments 14–50 mm	2 mm increments 12–60 mm	2 mm increments 16–60 mm
<b>Guide Wire</b>	Ø0.7 x 150 mm Guide Wire, Single Trocar (35-0025) Ø0.7 x 150 mm Guide Wire, Double Trocar (35-0026)	Ø0.9 x 150 mm Guide Wire, Single Trocar (35-0027) Ø0.9 x 150 mm Guide Wire, Double Trocar (35-0028)	Ø1.1 x 150 mm Guide Wire, Single Trocar (35-0029) Ø1.1 x 150 mm Guide Wire, Double Trocar (35-0030)	Ø1.1 x 150 mm Guide Wire, Single Trocar (35-0029) Ø1.1 x 150 mm Guide Wire, Double Trocar (35-0030)
<b>Profile Drill</b>	Acutrak 3 Nano Profile Drill (80-4134)	Acutrak 3 Micro Profile Drill (80-4137)	Acutrak 3 Mini Profile Drill (80-4140)	Acutrak 3 Standard Profile Drill (80-4145)
<b>Drill</b>	Acutrak 3 Nano Drill (80-4136) Diameter: .064", 1.625 mm	Acutrak 3 Micro Drill (80-4139) Diameter: .070", 1.78 mm	Acutrak 3 Mini Drill (80-4142) Diameter: .099", 2.52 mm	Acutrak 3 Standard Drill (80-4147) Diameter: .119", 3.02 mm
<b>Dense Bone Drill</b>	N/A	N/A	Acutrak 3 Mini Dense Bone Drill (80-4143)	Acutrak 3 Standard Dense Bone Drill (80-4148)
<b>Drill Guide</b>	Acutrak 3 Nano/Micro Wire/Drill Guide (80-4122)	Acutrak 3 Nano/Micro Wire/Drill Guide (80-4122)	Acutrak 3 Mini/Standard Wire/Drill Guide (80-4118)	Acutrak 3 Mini/Standard Wire/Drill Guide (80-4118)

**Note:** Optional Single-Use Instrument Kit

Acutrak 3 screws may be implanted using either Acumed reusable instruments or a sterile, single-use instrument kit (47-0022-S, 47-0023-S, 47-0024-S).

These single-use sterile kits are provided ready-to-use and include all instruments required for implantation. Use of these kits follows the same surgical steps outlined in this guide.



# Dorsal Scaphoid Technique: Acutrak 3 Nano, Micro, Mini, and Standard

Figure 1

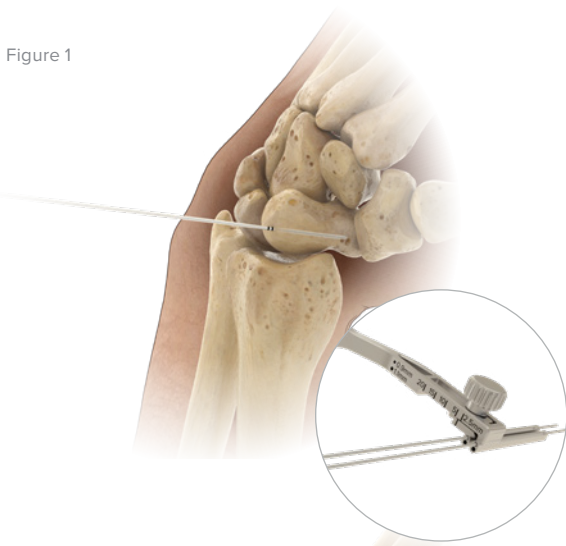


Figure 3

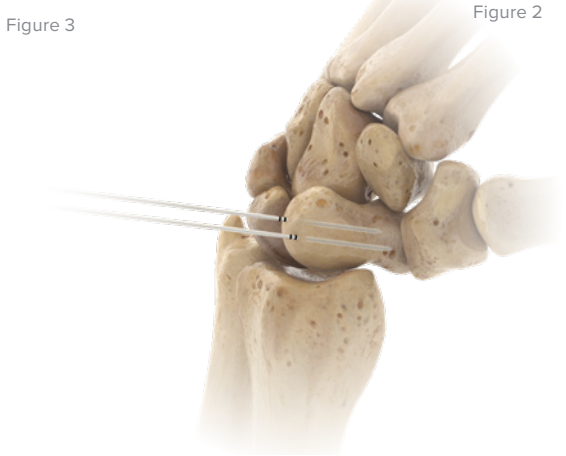


Figure 2

## 1 Approach and Needle Insertion

The entry point in the proximal pole is at the tip of the scaphoid immediately adjacent to the scapholunate ligament. This can be located either using an arthroscopic or mini open dorsal approach between the third and fourth extensor compartments. Introduce the appropriate guide wire (35-0025, 35-0027, 35-0029) at the entry point and aim for the base of the thumb so that the leading end of the guide wire is placed in the subchondral surface of the distal pole of the scaphoid. Confirm placement and depth under fluoroscopy.

**Optional:** Acutrak 3 Wire/Drill Guide (80-4122 or 80-4118) may be used to determine the entry point and may act as both a guide and soft tissue protector.

**OR Tip:** For unstable fractures, it may be helpful to place a second parallel guide wire using the Acutrak 3 Parallel Wire Guide (80-4126).

**Note:** For distal scaphoid fractures, a volar approach may be more appropriate.

**Note:** Guide wires marked with bands to aid in identifying diameter: 1 for Ø0.7 mm, 2 for Ø0.9 mm and 3 for Ø1.1 mm.

Figure 4

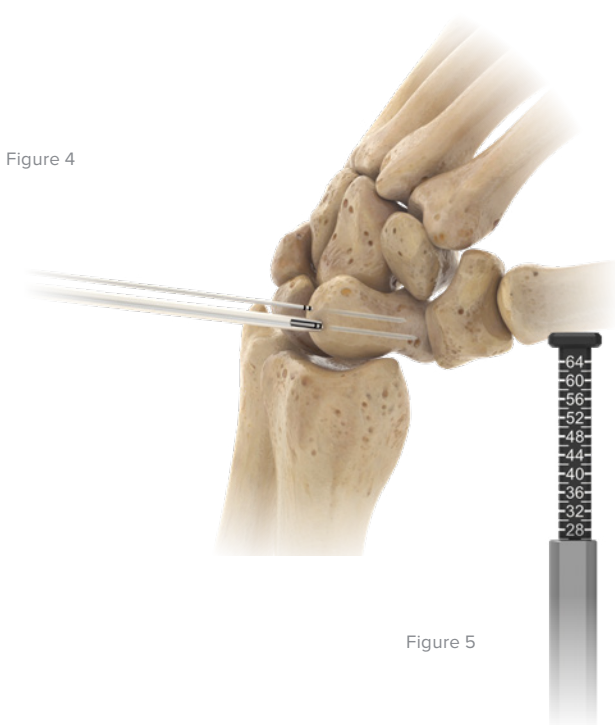


Figure 5

## 2 Determine Screw Length

Determine screw length using the Acutrak 3 Screw Sizer 4–64 mm (80-4164). Slide the sizer over the guide wire and down to the bone surface, reading the length off deployed piston or by placing a second wire at the entry point and subtracting the difference in length. It may be appropriate to subtract 2–4 mm from the measurement to ensure that the proximal end of the screw is fully buried below the cartilage and the cortical surface.

## Dorsal Scaphoid Technique: Acutrak 3 Nano, Micro, Mini, and Standard [continued]

Figure 6

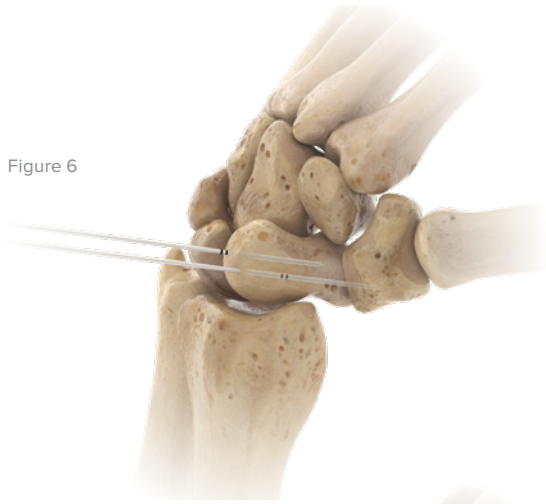
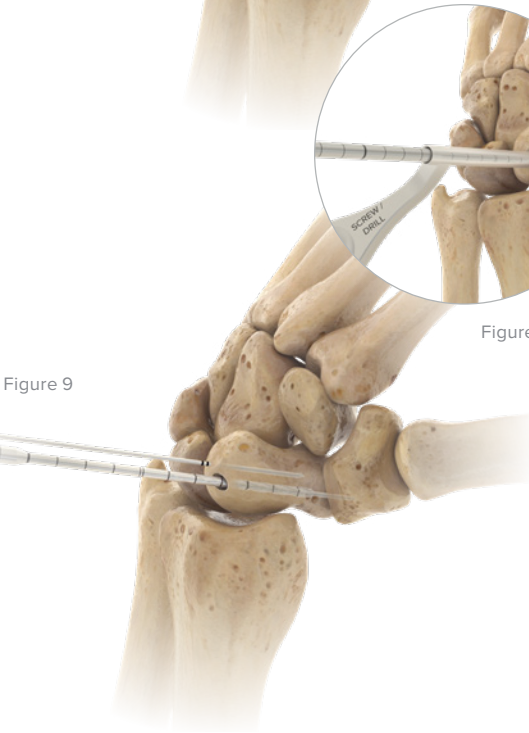


Figure 7



Figure 8

Figure 9



### 3 Advance Guide Wire

Advance the guide wire (35-0025, 35-0027, or 35-0029) through the far cortex so that it lies in the subcutaneous tissues. This minimizes the risk of accidental withdrawal of the guide wire while drilling and facilitates wire removal if it should break.

### 4 Drill

Drill into the proximal cortex with the appropriate profile drill (80-4134, 80-4137, 80-4140, 81-4145) over the wire using either a power drill or by hand.

Next, drill into the distal fragment with the appropriate drill (80-4136, 80-4139, 80-4142, 80-4147) and ensure that the drill is past the fracture site. Dense Bone Drills (80-4143 or 80-4148) can be utilized if dense bone is encountered. Dense bone drills can be utilized only for Standard and Mini screw families.

**Optional:** Acutrak 3 Wire/Drill Guide (80-4122 or 80-4118) may be used to act as both a guide and soft tissue protector.

**OR Tip:** The Acutrak 3 profile drill is recommended to mitigate the effects of varying bone density.

**Note:** Dense Bone Drills identifiable by golden color.

## Dorsal Scaphoid Technique: Acutrak 3 Nano, Micro, Mini, and Standard [continued]

Figure 10

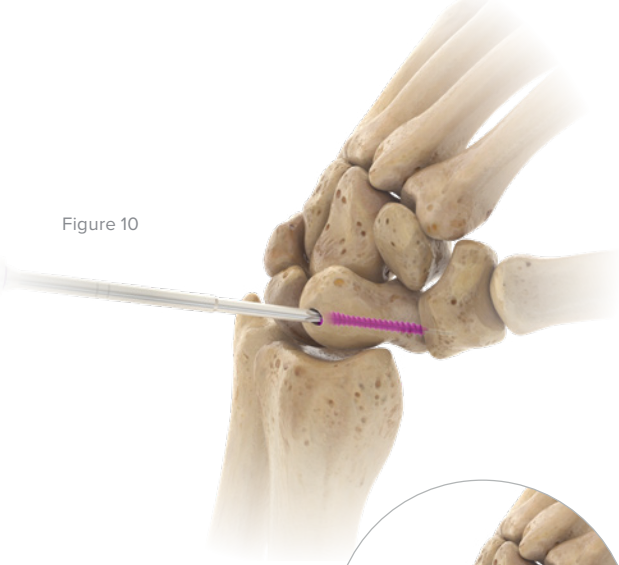


Figure 11



### 5 Screw Insertion

Insert the correctly sized Nano, Micro, Mini, or Standard Acutrak 3 Bone Screw (3050-200XX, 3051-250XX, 3052-350XX, or 3053-400XX) with the appropriate cannulated hexalobe driver (80-41XX). Confirm placement and length of the screw using fluoroscopy, ensuring that both leading and trailing ends of the screw are beneath the articular surfaces. Repeat steps 2 through 5 to implant the second screw. Finally, remove the guide wires.

**OR Tip:** If resistance or distraction occurs upon screw insertion: Stop, remove the screw, re-drill with the appropriate drill, and insert the appropriate screw length.

**Note:** Driver tips have two colored marking bands.

Figure 12

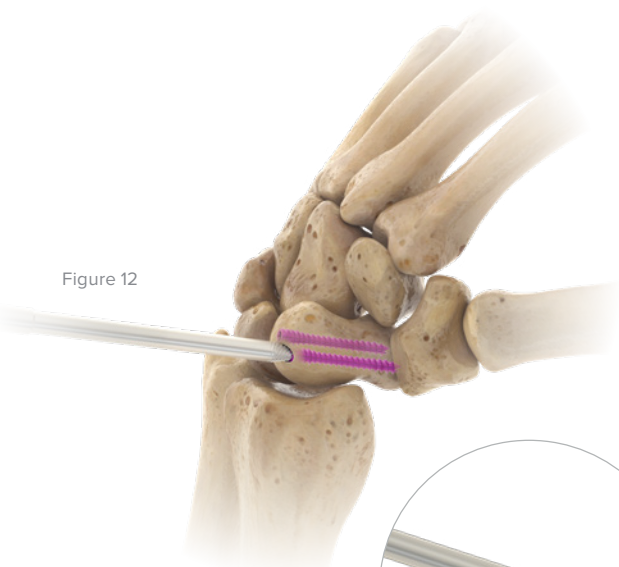


Figure 13



### 6 Screw Removal

In the event screw removal is necessary, identify the entry point angle as accurately as possible under fluoroscopy. Upon identification, make a small stab incision to clear any tissue and bone overlying the implant. Introduce the appropriate guide wire (35-0025, 35-0027, 35-0029) at the entry point and aim for the cannulated portion of the screw.

**OR Tip:** Easyout tools (80-0598, 80-0599, 80-0600) are available for removal in the event of a stripped hexalobe drive interface.

## DIP Fusion Technique: Acutrak 3 Nano or Micro



Figure 1

### 1 Advance Double-Ended Trocar Guide Wire

Prepare the bones in a manner typical for fusion that allows for good apposition at the desired angle. A double-ended Double Trocar Guide Wire (35-0026 or 35-0028) is advanced into the distal phalanx through a transverse incision over the distal interphalangeal joint.

**Note:** Guide wires marked with bands to aid in identifying diameter: 1 for Ø0.7 mm, 2 for Ø0.9 mm and 3 for Ø1.1 mm.



Figure 2

### 2 Distal / Middle Phalanx Reduction

The joint is then reduced and the Double Trocar Guide Wire (35-0026 or 35-0028) is driven proximally into the middle phalanx.

## DIP Fusion Technique: Acutrak 3 Nano or Micro [continued]

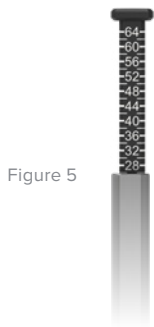
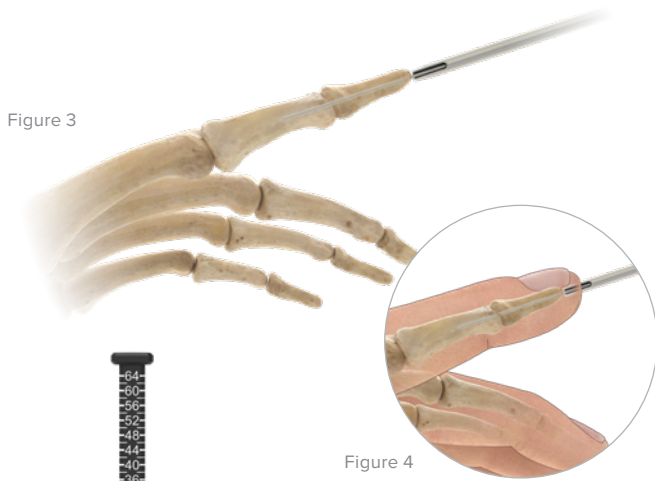


Figure 4



### 3 Determine Screw Length

Make a short transverse (fish-mouth) incision in the tip of the distal phalanx and spread using a small (snap) clip. Measure length using either the percutaneous Acutrak 3 Screw Sizer, 4–64 mm (80-4164), or by placing a second wire at the bone surface and subtracting the difference. If the surgeon intends to drive the screw below the surface of the distal phalanx, this must be accounted for in sizing the screw.



Figure 7



### 4 Drill

Advance the guide wire (35-0025, 35-0027) through the far cortex so that it lies in the subcutaneous tissues. This minimizes the risk of accidental withdrawal of the guide wire while drilling and facilitates wire removal if it should break. Select the Nano or Micro Acutrak 3 Drill (80-4136 or 80-4139) and place over the wire. Drill using either a power drill or by hand across the joint into the middle phalanx to the desired depth. If the surgeon intends to drive the screw below the surface of the distal phalanx, this must be accounted for in the depth of the prepared hole.

## DIP Fusion Technique: Acutrak 3 Nano or Micro [continued]



Figure 8

Figure 9



Figure 10

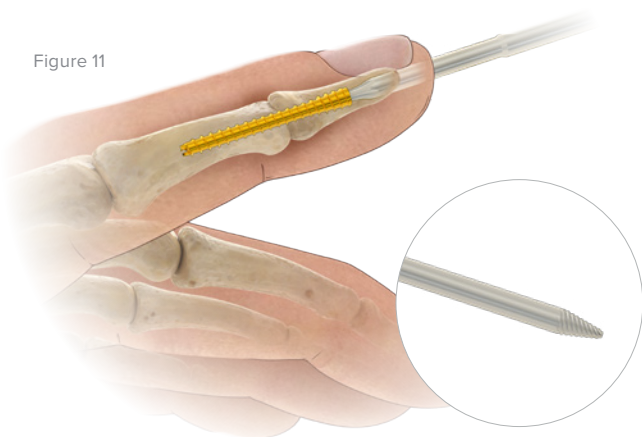


Figure 11

Figure 12

### 5 Screw Insertion

Insert the correctly sized Nano or Micro Acutrak 3 Bone Screw (3050-200XX or 3051-250XX) with the T6 or T7 Cannulated Hexalobe Driver Tip (80-4149/80-4153 or 80-4150/80-4154). Confirm placement under fluoroscopy. Finally, remove the guide wire.

**OR Tip:** If resistance or distraction occurs upon screw insertion: Stop, remove the screw, redrill with the appropriate drill, and reinsert the screw.

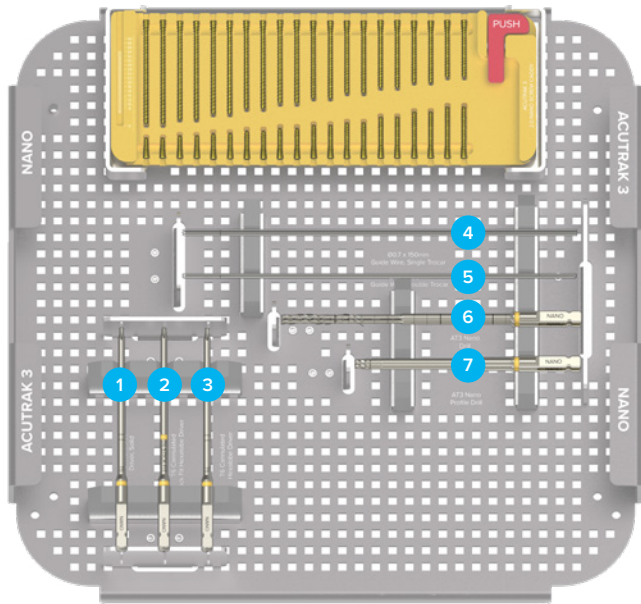
**Note:** Driver tips have two colored marking bands.

### 6 Screw Removal

In the event screw removal is necessary, identify the entry point angle as accurately as possible under fluoroscopy. Upon identification, make a small stab incision to clear any tissue and bone overlying the implant. Introduce the appropriate guide wire (35-0025, 35-0027, 35-0029) at the entry point and aim for the cannulated portion of the screw.

**OR Tip:** Easyout tools (80-0598, 80-0599) are available for removal in the event of a stripped hexalobe drive interface.

## Ordering Information



### Acutrak 3 Nano Tray Components

#### Nano Acutrak 3 Instrumentation\*

1	T6 Hexalobe Driver, Solid	80-4157
2	T6 Cannulated Stick Fit Hexalobe Driver	80-4153
3	T6 Cannulated Hexalobe Driver	80-4149
4	Ø0.7 x 150 mm Guide Wire, Single Trocar	35-0025
5	Ø0.7 x 150 mm Guide Wire, Double Trocar	35-0026
6	Acutrak 3 Nano Drill	80-4136
7	Acutrak 3 Nano Profile Drill	80-4134

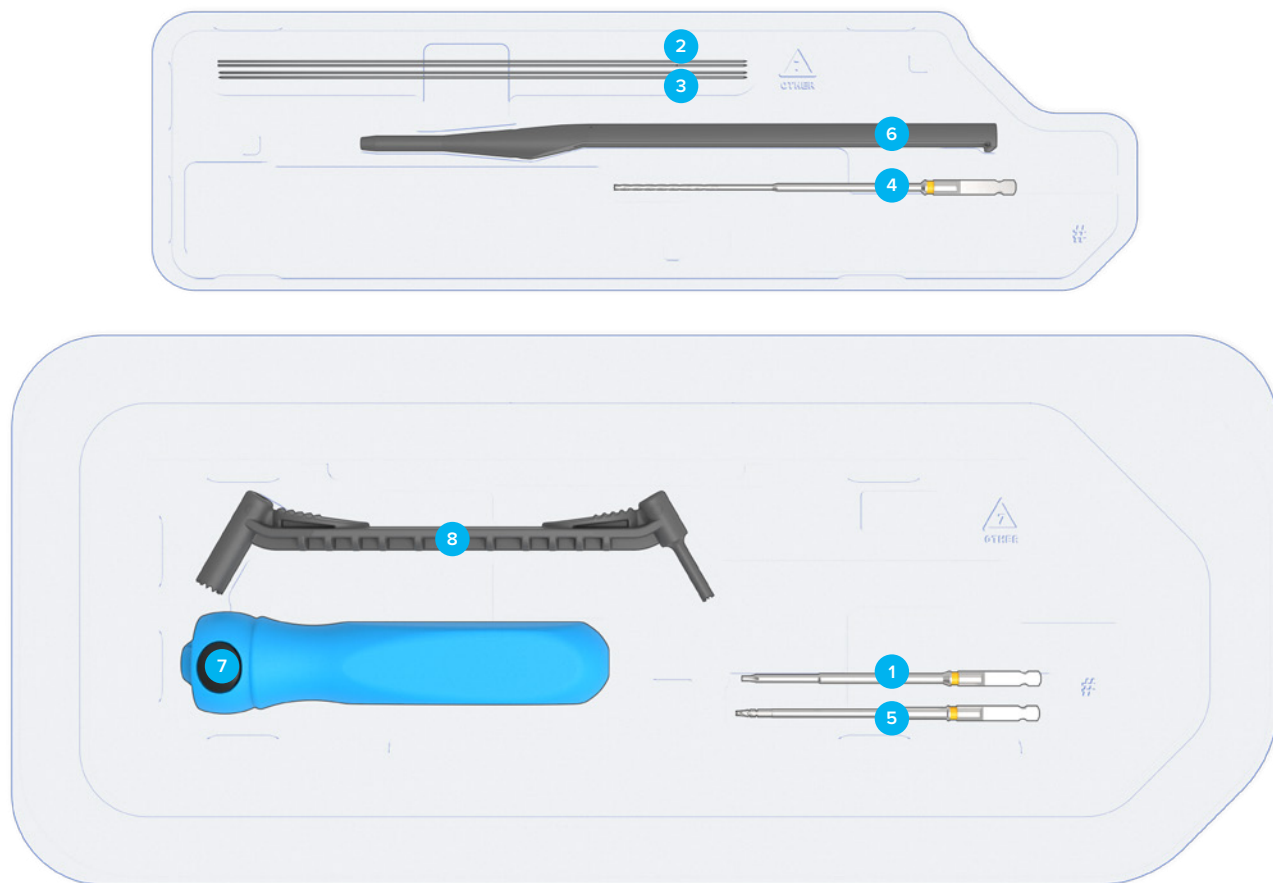
### Acutrak 3 Nano Tray Components

#### Nano Acutrak 3 Implants\*

8 mm, 2.0 Nano Acutrak 3 Bone Screw	3050-20008	22 mm, 2.0 Nano Acutrak 3 Bone Screw	3050-20022
9 mm, 2.0 Nano Acutrak 3 Bone Screw	3050-20009	24 mm, 2.0 Nano Acutrak 3 Bone Screw	3050-20024
10 mm, 2.0 Nano Acutrak 3 Bone Screw	3050-20010	26 mm, 2.0 Nano Acutrak 3 Bone Screw	3050-20026
11 mm, 2.0 Nano Acutrak 3 Bone Screw	3050-20011	28 mm, 2.0 Nano Acutrak 3 Bone Screw	3050-20028
12 mm, 2.0 Nano Acutrak 3 Bone Screw	3050-20012	30 mm, 2.0 Nano Acutrak 3 Bone Screw	3050-20030
13 mm, 2.0 Nano Acutrak 3 Bone Screw	3050-20013	32 mm, 2.0 Nano Acutrak 3 Bone Screw	3050-20032
14 mm, 2.0 Nano Acutrak 3 Bone Screw	3050-20014	34 mm, 2.0 Nano Acutrak 3 Bone Screw	3050-20034
16 mm, 2.0 Nano Acutrak 3 Bone Screw	3050-20016	36 mm, 2.0 Nano Acutrak 3 Bone Screw	3050-20036
18 mm, 2.0 Nano Acutrak 3 Bone Screw	3050-20018	38 mm, 2.0 Nano Acutrak 3 Bone Screw	3050-20038
20 mm, 2.0 Nano Acutrak 3 Bone Screw	3050-20020	40 mm, 2.0 Nano Acutrak 3 Bone Screw	3050-20040

\*Implants and instruments are also available sterile-packed. Add an "-S" at end of product number for sterile product. For more details on sterile products, including pricing, contact our Business Services Department toll free at 888.627.9957.

## Ordering Information



### 2.0 - Acutrak 3 Nano Instrument Kit (47-0022-S)

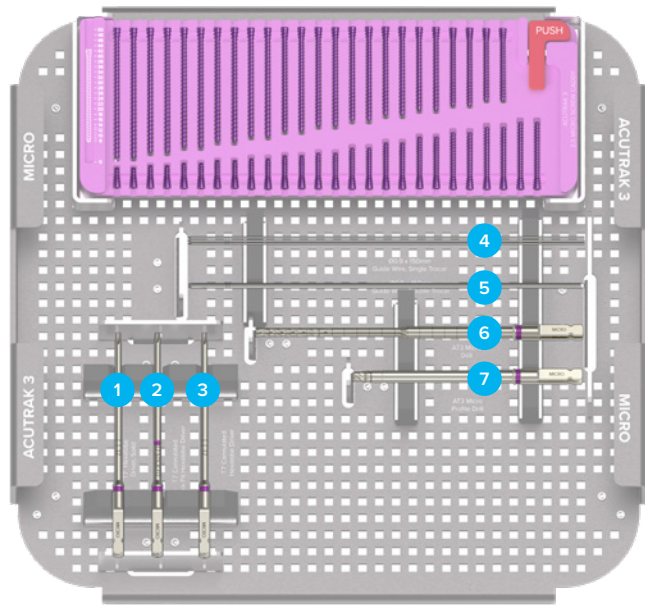
	Sterile Instrument Kit Part Name	Qty
1	T6 Cannulated Hexalobe Driver, AO	1
2	Ø0.7 x 150 mm K-wire, Double Trocar	2
3	Ø0.7 x 150 mm K-wire, Single-sided Trocar	2
4	Nano Drill Bit, Cannulated, Acutrak 3	1
5	Nano Profile Drill Bit, Cannulated, Acutrak 3	1
6	Depth Gage	1
7	TruFix, Fixed Axial Medium Handle, AO	1
8	Drill Guide, Double Sided, Standard	1

**Note:** Optional Single-Use Instrument Kit

Acutrak 3 Nano Screws may be implanted using either Acumed reusable instruments or a sterile, single-use instrument kit (47-0022-S).

These single-use sterile kits are provided ready-to-use and include all instruments required for implantation. Use of these kits follows the same surgical steps outlined in this guide.

## Ordering Information [continued]



### Acutrak 3 Micro Tray Components

#### Micro Acutrak 3 Instrumentation\*

1	T7 Hexalobe Driver, Solid	80-4158
2	T7 Cannulated Stick Fit Hexalobe Driver	80-4154
3	T7 Cannulated Hexalobe Driver	80-4150
4	Ø0.9 x 150 mm Guide Wire, Single Trocar	35-0027
5	Ø0.9 x 150 mm Guide Wire, Double Trocar	35-0028
6	Acutrak 3 Micro Drill	80-4139
7	Acutrak 3 Micro Profile Drill	80-4137

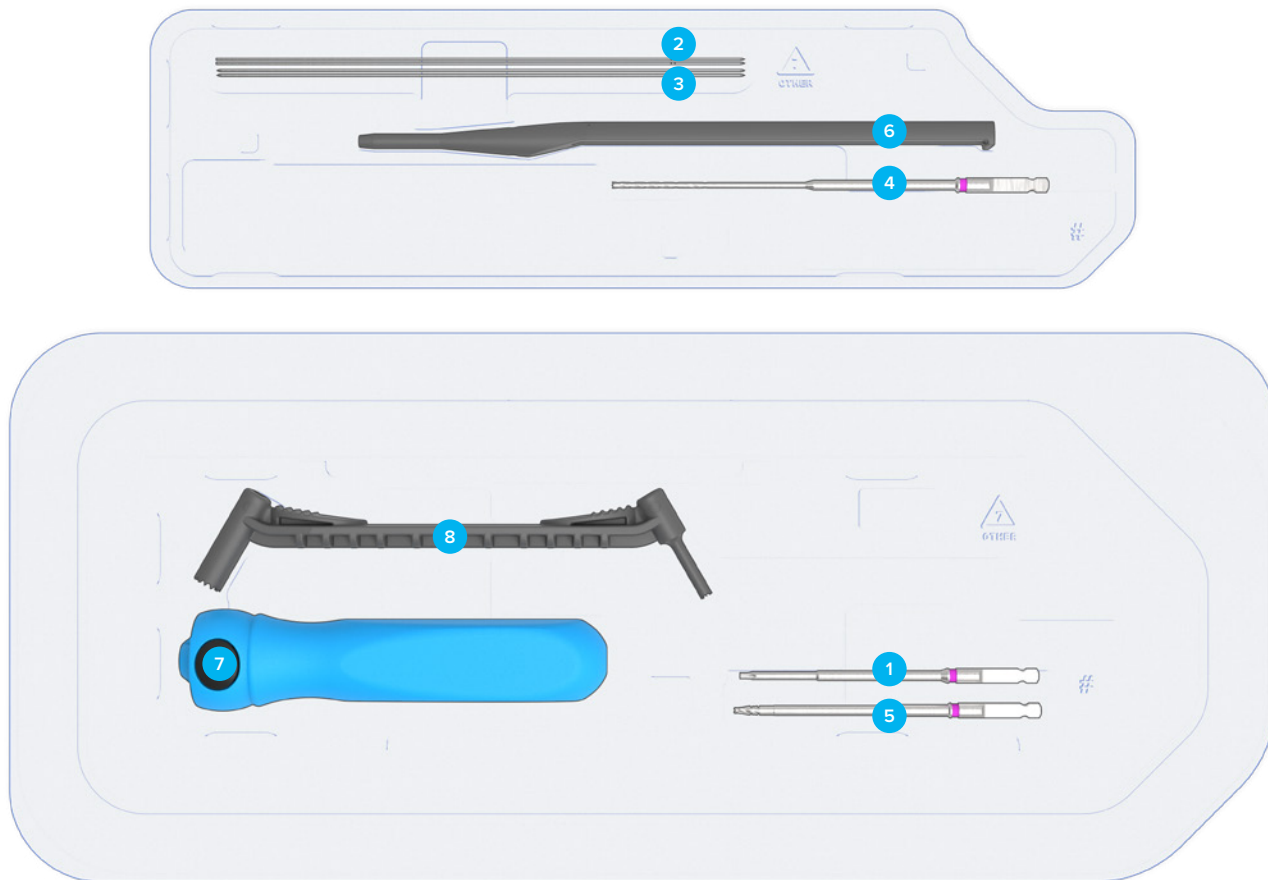
### Acutrak 3 Micro Tray Components

#### Micro Acutrak 3 Implants\*

8 mm, 2.5 Micro Acutrak 3 Bone Screw	3051-25008	28 mm, 2.5 Micro Acutrak 3 Bone Screw	3051-25028
9 mm, 2.5 Micro Acutrak 3 Bone Screw	3051-25009	30 mm, 2.5 Micro Acutrak 3 Bone Screw	3051-25030
10 mm, 2.5 Micro Acutrak 3 Bone Screw	3051-25010	32 mm, 2.5 Micro Acutrak 3 Bone Screw	3051-25032
11 mm, 2.5 Micro Acutrak 3 Bone Screw	3051-25011	34 mm, 2.5 Micro Acutrak 3 Bone Screw	3051-25034
12 mm, 2.5 Micro Acutrak 3 Bone Screw	3051-25012	36 mm, 2.5 Micro Acutrak 3 Bone Screw	3051-25036
13 mm, 2.5 Micro Acutrak 3 Bone Screw	3051-25013	38 mm, 2.5 Micro Acutrak 3 Bone Screw	3051-25038
14 mm, 2.5 Micro Acutrak 3 Bone Screw	3051-25014	40 mm, 2.5 Micro Acutrak 3 Bone Screw	3051-25040
16 mm, 2.5 Micro Acutrak 3 Bone Screw	3051-25016	42 mm, 2.5 Micro Acutrak 3 Bone Screw	3051-25042
18 mm, 2.5 Micro Acutrak 3 Bone Screw	3051-25018	44 mm, 2.5 Micro Acutrak 3 Bone Screw	3051-25044
20 mm, 2.5 Micro Acutrak 3 Bone Screw	3051-25020	46 mm, 2.5 Micro Acutrak 3 Bone Screw	3051-25046
22 mm, 2.5 Micro Acutrak 3 Bone Screw	3051-25022	48 mm, 2.5 Micro Acutrak 3 Bone Screw	3051-25048
24 mm, 2.5 Micro Acutrak 3 Bone Screw	3051-25024	50 mm, 2.5 Micro Acutrak 3 Bone Screw	3051-25050
26 mm, 2.5 Micro Acutrak 3 Bone Screw	3051-25026		

\*Implants and instruments are also available sterile-packed. Add an “-S” at end of product number for sterile product. For more details on sterile products, including pricing, contact our Business Services Department toll free at 888.627.9957.

## Ordering Information [continued]



### 2.5 - Acutrak 3 Micro Instrument Kit (47-0023-S)

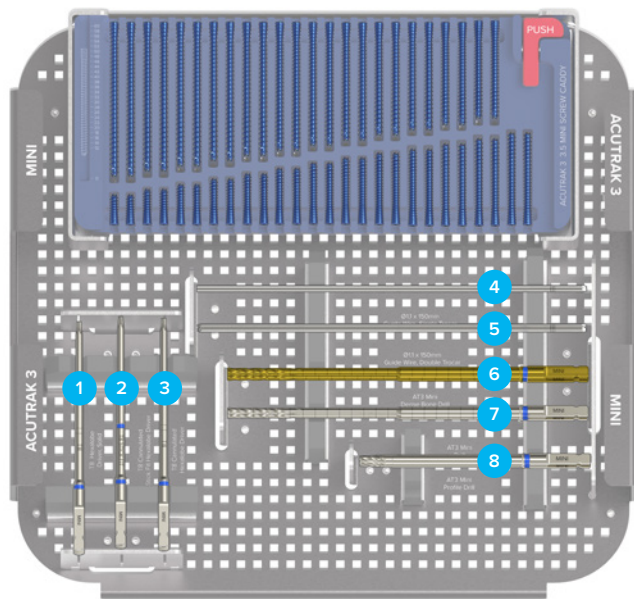
Sterile Instrument Kit Part Name	Qty
1 T7 Cannulated Hexalobe Driver, AO	1
2 Ø0.9 x 150 mm K-wire, Double Trocar	2
3 Ø0.9 x 150 mm K-wire, Single-sided Trocar	2
4 Micro Drill Bit, Cannulated, Acutrak 3	1
5 Micro Profile Drill Bit, Cannulated, Acutrak 3	1
6 Depth Gage	1
7 TruFix, Fixed Axial Medium Handle, AO	1
8 Drill Guide, Double Sided, Standard	1

**Note:** Optional Single-Use Instrument Kit

Acutrak 3 Micro Screws may be implanted using either Acumed reusable instruments or a sterile, single-use instrument kit (47-0023-S).

These single-use sterile kits are provided ready-to-use and includes all instruments required for implantation. Use of these kits follows the same surgical steps outlined in this guide.

## Ordering Information [continued]



### Acutrak 3 Mini Tray Components

#### Mini Acutrak 3 Instrumentation\*

1	T8 Hexalobe Driver, Solid	80-4159
2	T8 Cannulated Stick Fit Hexalobe Driver	80-4155
3	T8 Cannulated Hexalobe Driver	80-4151
4	Ø1.1 x 150 mm Guide Wire, Single Trocar	35-0029
5	Ø1.1 x 150 mm Guide Wire, Double Trocar	35-0030
6	Acutrak 3 Mini Dense Bone Drill	80-4143
7	Acutrak 3 Mini Drill	80-4142
8	Acutrak 3 Mini Profile Drill	80-4140

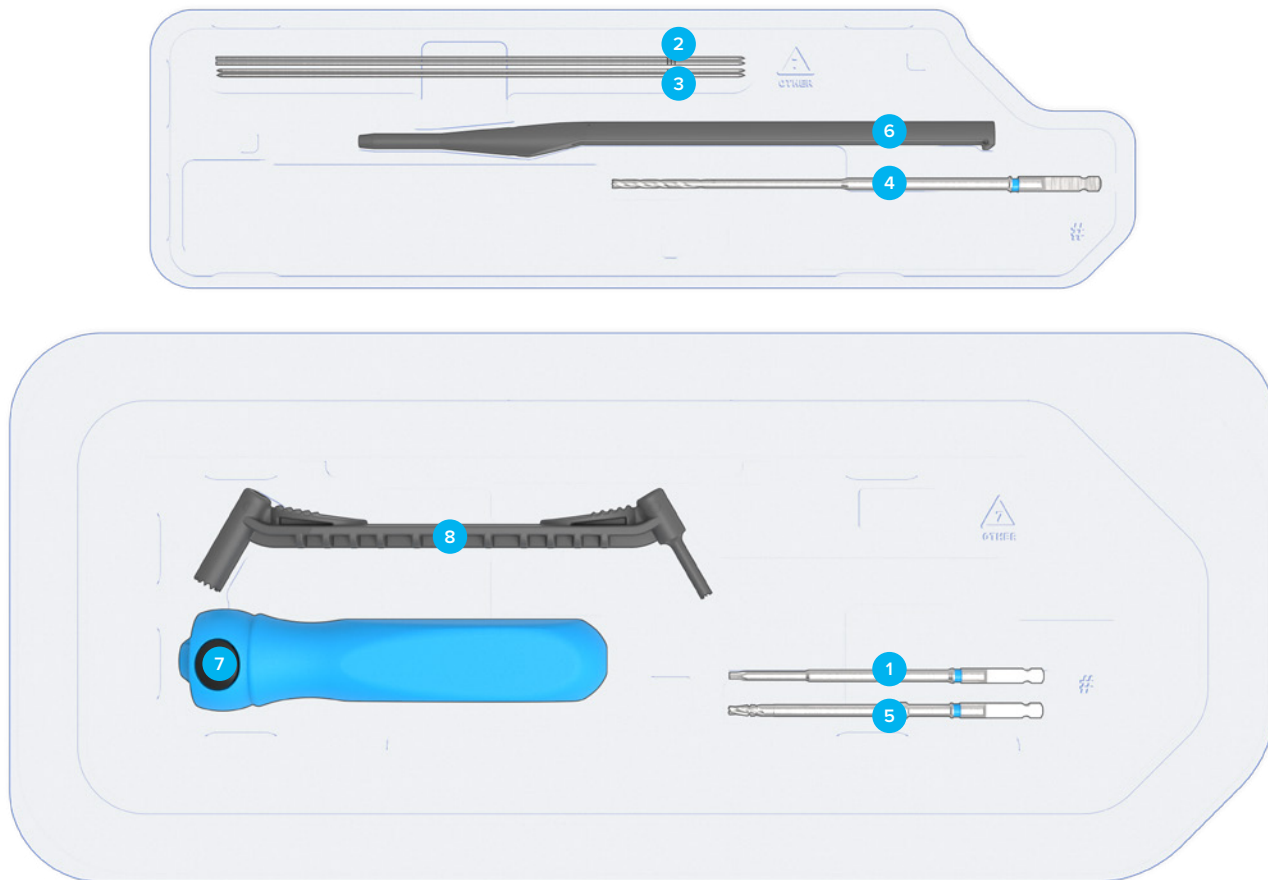
### Acutrak 3 Mini Tray Components

#### Mini Acutrak 3 Implants\*

12 mm, 3.5 Mini Acutrak 3 Bone Screw	3052-35012	38 mm, 3.5 Mini Acutrak 3 Bone Screw	3052-35038
14 mm, 3.5 Mini Acutrak 3 Bone Screw	3052-35014	40 mm, 3.5 Mini Acutrak 3 Bone Screw	3052-35040
16 mm, 3.5 Mini Acutrak 3 Bone Screw	3052-35016	42 mm, 3.5 Mini Acutrak 3 Bone Screw	3052-35042
18 mm, 3.5 Mini Acutrak 3 Bone Screw	3052-35018	44 mm, 3.5 Mini Acutrak 3 Bone Screw	3052-35044
20 mm, 3.5 Mini Acutrak 3 Bone Screw	3052-35020	46 mm, 3.5 Mini Acutrak 3 Bone Screw	3052-35046
22 mm, 3.5 Mini Acutrak 3 Bone Screw	3052-35022	48 mm, 3.5 Mini Acutrak 3 Bone Screw	3052-35048
24 mm, 3.5 Mini Acutrak 3 Bone Screw	3052-35024	50 mm, 3.5 Mini Acutrak 3 Bone Screw	3052-35050
26 mm, 3.5 Mini Acutrak 3 Bone Screw	3052-35026	52 mm, 3.5 Mini Acutrak 3 Bone Screw	3052-35052
28 mm, 3.5 Mini Acutrak 3 Bone Screw	3052-35028	54 mm, 3.5 Mini Acutrak 3 Bone Screw	3052-35054
30 mm, 3.5 Mini Acutrak 3 Bone Screw	3052-35030	56 mm, 3.5 Mini Acutrak 3 Bone Screw	3052-35056
32 mm, 3.5 Mini Acutrak 3 Bone Screw	3052-35032	58 mm, 3.5 Mini Acutrak 3 Bone Screw	3052-35058
34 mm, 3.5 Mini Acutrak 3 Bone Screw	3052-35034	60 mm, 3.5 Mini Acutrak 3 Bone Screw	3052-35060
36 mm, 3.5 Mini Acutrak 3 Bone Screw	3052-35036		

\*Implants and instruments are also available sterile-packed. Add an “-S” at end of product number for sterile product. For more details on sterile products, including pricing, contact our Business Services Department toll free at 888.627.9957.

## Ordering Information [continued]



### 3.5 - Acutrak 3 Mini Instrument Kit (47-0024-S)

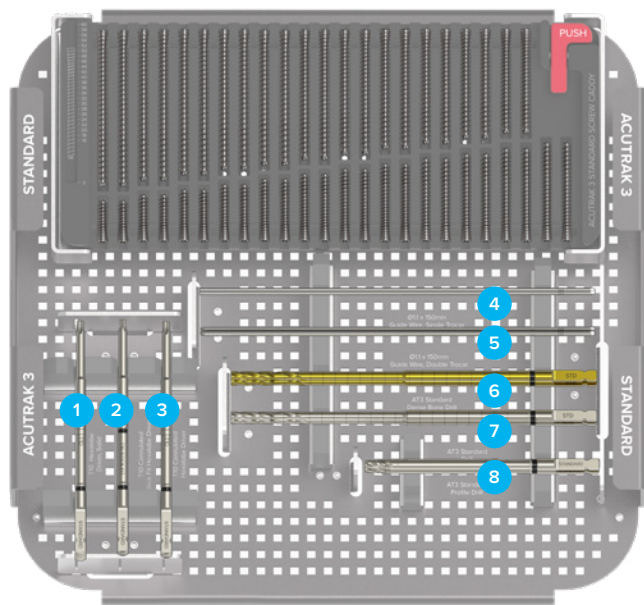
	Sterile Instrument Kit Part Name	Qty
1	T8 Cannulated Hexalobe Driver, AO	1
2	Ø1.1 x 150 mm K-wire, Double Trocar	2
3	Ø1.1 x 150 mm K-wire, Single-sided Trocar	2
4	Mini Drill Bit, Cannulated, Acutrak 3	1
5	Mini Profile Drill Bit, Cannulated, Acutrak 3	1
6	Depth Gage	1
7	TruFix, Fixed Axial Medium Handle, AO	1
8	Drill Guide, Double Sided, Standard	1

**Note:** Optional Single-Use Instrument Kit

Acutrak 3 Mini Screws may be implanted using either Acumed reusable instruments or a sterile, single-use instrument kit (47-0024-S).

These single-use sterile kits are provided ready-to-use and includes all instruments required for implantation. Use of these kits follows the same surgical steps outlined in this guide.

## Ordering Information [continued]



### Acutrak 3 Standard Tray Components

#### Standard Acutrak 3 Instrumentation\*

1	T10 Hexalobe Driver, Solid	80-4160
2	T10 Cannulated Stick Fit Hexalobe Driver	80-4156
3	T10 Cannulated Hexalobe Driver	80-4152
4	Ø1.1 x 150 mm Guide Wire, Single Trocar	35-0029
5	Ø1.1 x 150 mm Guide Wire, Double Trocar	35-0030
6	Acutrak 3 Standard Dense Bone Drill	80-4148
7	Acutrak 3 Standard Drill	80-4147
8	Acutrak 3 Standard Profile Drill	80-4145

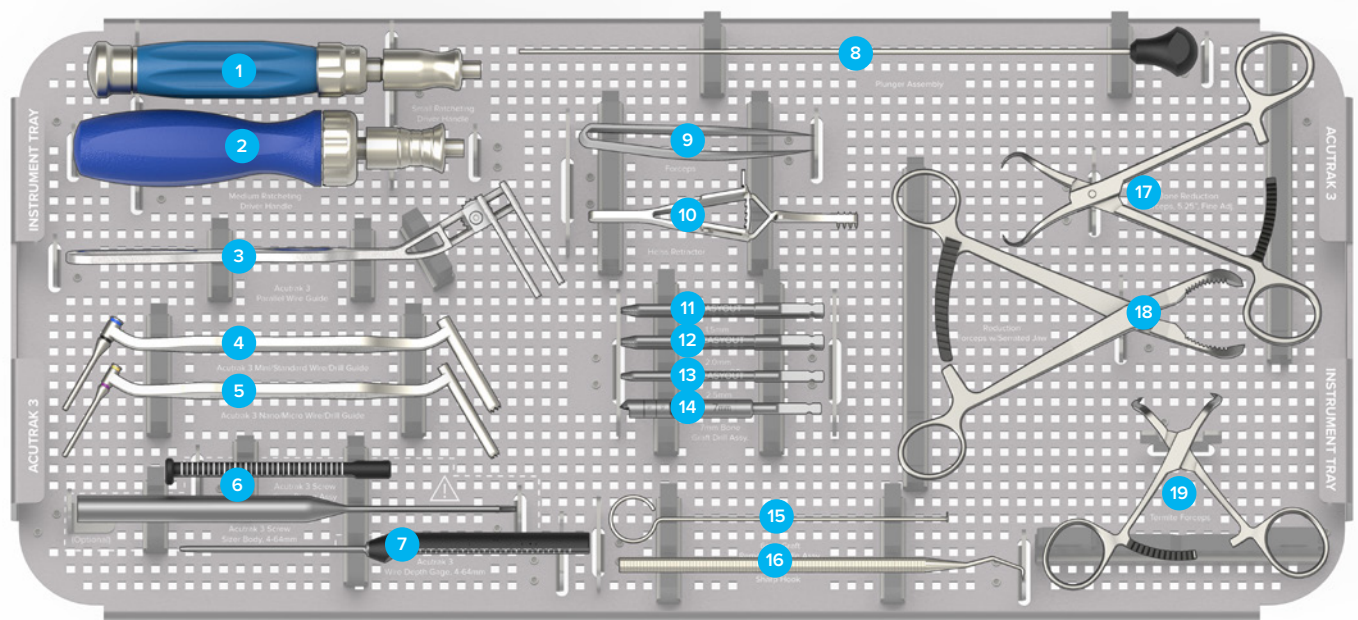
### Standard Acutrak 3 Tray Components

#### Standard Acutrak 3 Implants\*

16 mm, 4.0 Standard Acutrak 3 Bone Screw	3053-40016	40 mm, 4.0 Standard Acutrak 3 Bone Screw	3053-40040
18 mm, 4.0 Standard Acutrak 3 Bone Screw	3053-40018	42 mm, 4.0 Standard Acutrak 3 Bone Screw	3053-40042
20 mm, 4.0 Standard Acutrak 3 Bone Screw	3053-40020	44 mm, 4.0 Standard Acutrak 3 Bone Screw	3053-40044
22 mm, 4.0 Standard Acutrak 3 Bone Screw	3053-40022	46 mm, 4.0 Standard Acutrak 3 Bone Screw	3053-40046
24 mm, 4.0 Standard Acutrak 3 Bone Screw	3053-40024	48 mm, 4.0 Standard Acutrak 3 Bone Screw	3053-40048
26 mm, 4.0 Standard Acutrak 3 Bone Screw	3053-40026	50 mm, 4.0 Standard Acutrak 3 Bone Screw	3053-40050
28 mm, 4.0 Standard Acutrak 3 Bone Screw	3053-40028	52 mm, 4.0 Standard Acutrak 3 Bone Screw	3053-40052
30 mm, 4.0 Standard Acutrak 3 Bone Screw	3053-40030	54 mm, 4.0 Standard Acutrak 3 Bone Screw	3053-40054
32 mm, 4.0 Standard Acutrak 3 Bone Screw	3053-40032	56 mm, 4.0 Standard Acutrak 3 Bone Screw	3053-40056
34 mm, 4.0 Standard Acutrak 3 Bone Screw	3053-40034	58 mm, 4.0 Standard Acutrak 3 Bone Screw	3053-40058
36 mm, 4.0 Standard Acutrak 3 Bone Screw	3053-40036	60 mm, 4.0 Standard Acutrak 3 Bone Screw	3053-40060
38 mm, 4.0 Standard Acutrak 3 Bone Screw	3053-40038		

\*Implants and instruments are also available sterile-packed. Add an “-S” at end of product number for sterile product. For more details on sterile products, including pricing, contact our Business Services Department toll free at 888.627.9957.

## Ordering Information [continued]



### Tray Components

#### Universal Acutrak 3 Instrumentation

1	Small Ratcheting Driver Handle	80-4071	11	1.5 mm Easyout, QR	80-0598*
2	Medium Ratcheting Driver Handle	80-0663	12	2.0 mm Easyout, QR	80-0599*
3	Acutrak 3 Parallel Wire Guide	80-4126	13	2.5 mm Easyout, QR	80-0600*
4	Acutrak 3 Mini/Standard Wire/Drill Guide	80-4118	14	7 mm Bone Graft Drill Assy.	PL-BG07
5	Acutrak 3 Nano/Micro Wire/Drill Guide	80-4122	15	6 mm Graft Removal Paddle Assy.	BG-8064
6	Acutrak 3 Screw Sizer, 4–64 mm	80-4164	16	Sharp Hook	PL-CL06
7	Acutrak 3 Wire Depth Gage, 4–64 mm	80-4169	17	Bone Reduction Forceps, 5.25", Fine Adj.	80-1810
8	Plunger Assembly	80-4161	18	Reduction Forceps w/Serrated Jaw	PL-CL04
9	Forceps	AT-7005	19	Termite Forceps	80-4172
10	Heiss Retractor	80-0756			

\*Implants are also available sterile-packed. Add an “-S” at end of product number for sterile product. For more details on sterile products, including pricing, contact our Business Services Department toll free at 888.627.9957.

## Ordering Information [continued]

### Tray Components

#### Acutrak 3 - Tray

Acutrak 3 Case Base	80-4173	Acutrak 3 Instrument SS Tray	80-4188
Acutrak 3 Case Lid	80-4174	Acutrak 3 Nano Screw SS Tray	80-4189
Acutrak 3 Satellite Case Base	80-4175	Acutrak 3 Nano Screw SS Caddy	80-4190
Acutrak 3 Nano/Micro Case Lid	80-4176	Acutrak 3 Micro Screw SS Inlay	80-4191
Acutrak 3 Mini/Standard Case Lid	80-4177	Acutrak 3 Micro Screw SS Caddy	80-4192
Acutrak 3 Satellite Instrument Tray	80-4178	Acutrak 3 Mini Screw SS Tray	80-4193
Acutrak 3 Full Instrument Tray	80-4179	Acutrak 3 Mini Screw SS Caddy	80-4194
Acutrak 3 Nano Screw Tray	80-4180	Acutrak 3 Standard Screw SS Inlay	80-4195
Acutrak 3 Nano Screw Caddy	80-4181	Acutrak 3 Standard Screw SS Caddy	80-4196
Acutrak 3 Micro Screw Tray	80-4182	Acutrak 3 Instrument SS Inlay	80-4197
Acutrak 3 Micro Screw Caddy	80-4183	Acutrak 3 Nano Screw Caddy Lid	80-4198
Acutrak 3 Mini Screw Tray	80-4184	Acutrak 3 Micro Screw Caddy Lid	80-4199
Acutrak 3 Mini Screw Caddy	80-4185	Acutrak 3 Mini Screw Caddy Lid	80-4200
Acutrak 3 Standard Screw Tray	80-4186	Acutrak 3 Standard Screw Caddy Lid	80-4201
Acutrak 3 Standard Screw Caddy	80-4187		

**Note:** To learn more about the full line of Acumed innovative surgical solutions, please contact your authorized Acumed distributor, call 888.627.9957, or visit [www.acumed.net](http://www.acumed.net).

## References

1. Hoang D, Vu C, Jackson M, Huang J. An anatomical study of metacarpal morphology utilizing CT scans: evaluating parameters for antegrade intramedullary compression screw fixation of metacarpal fractures. *J Hand Surg.* 2021 Feb;46(2):149.e1-149.e8. doi: 10.1016/j.jhsa.2020.08.007. Epub 2020 Oct 19. PMID: 33092908.



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