

TRAX

Compression Screw System

Surgical Technique Guide

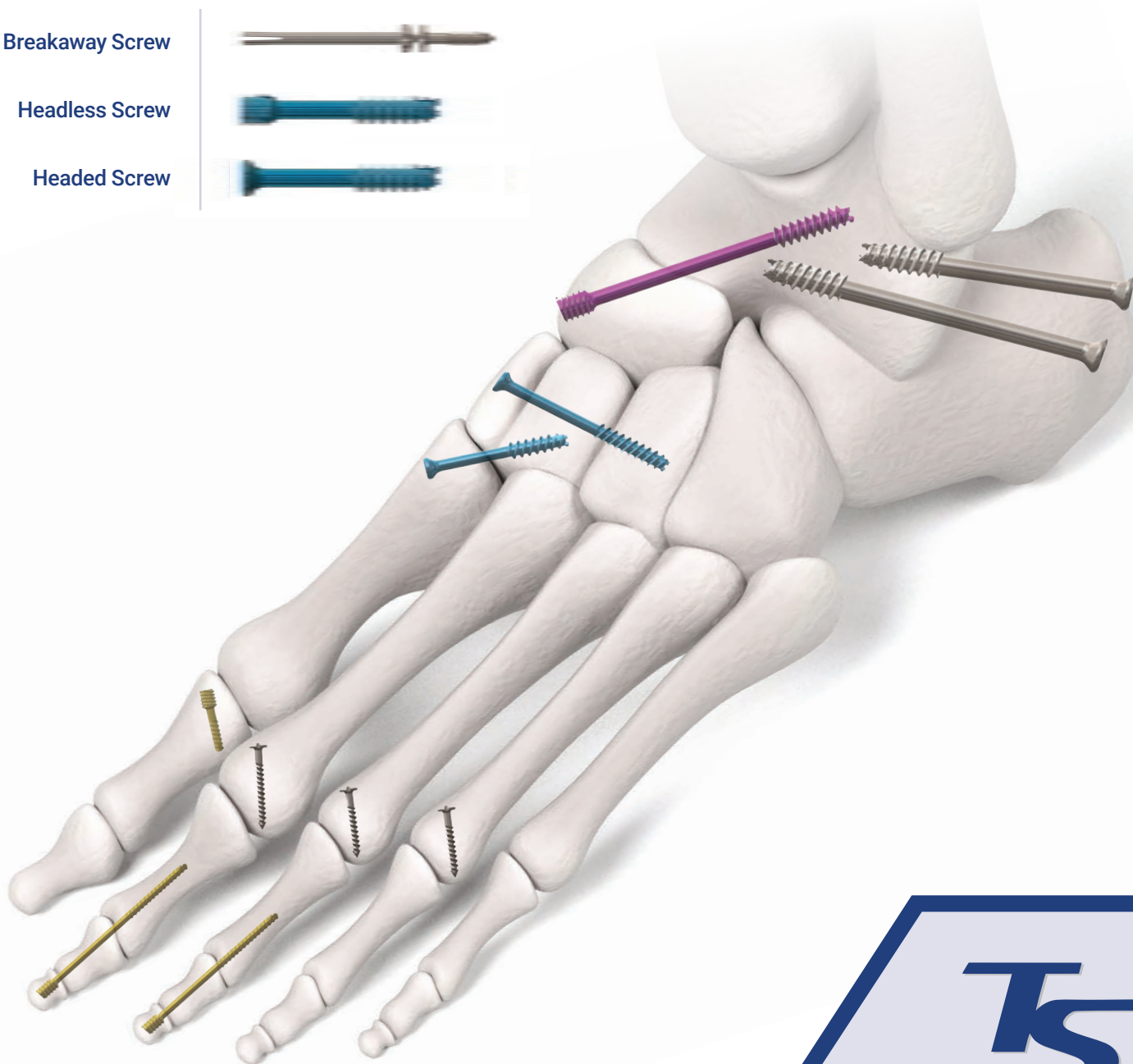
Breakaway Screw



Headless Screw



Headed Screw



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TRAX SURGICAL

Surgical Technique

TRAX Compression Screw System

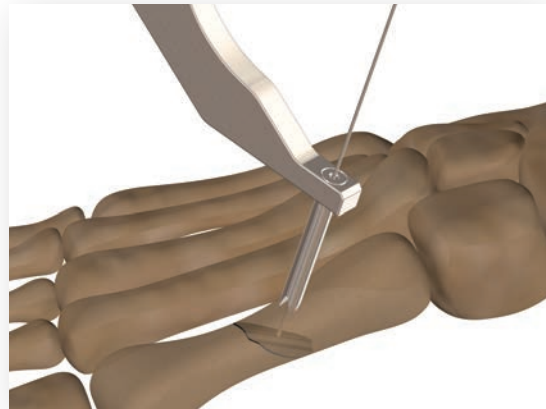
Surgical kits utilize a color coding system to identify which instruments are compatible with which screws. Instrument details can be found in the Instrumentation Reference section located on the back cover.

If using a solid breakaway screw, proceed directly to step 4, "Breakaway Screws." Continue with this step for cannulated screws.

Step 1

K-Wire Insertion

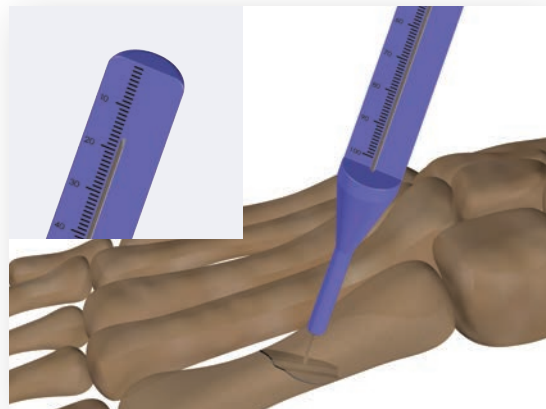
Insert the K-wire into the bone at the desired location. K-wires are sized for use with specific diameter TRAX Bone Screws.



Step 2

Measure

If countersinking a headed screw is appropriate, choose the corresponding colored cannulated countersink to the screw diameter. Slide the depth gauge over the K-wire until the tip rests against the bone. Evaluate the length marking, in millimeters [mm], on the gauge at the visible tip of the guide wire. Use this measurement to select the matching length TRAX Bone Screw.

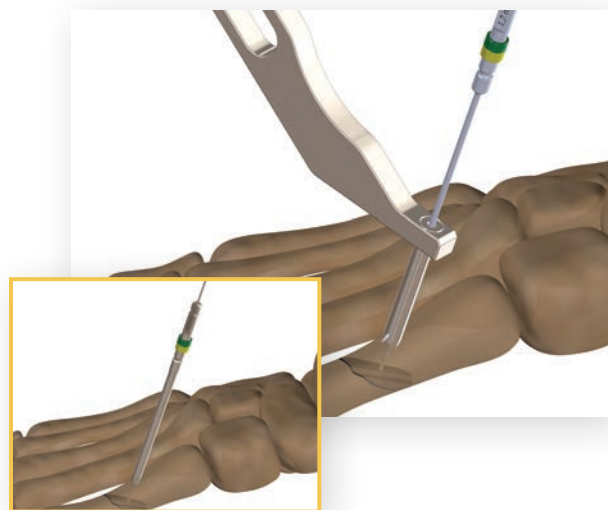


Step 3

Drill

All TRAX Bone Screws are self-tapping; however, drilling is required. Insert the drill guide over the K-wire. Using the corresponding colored drill bit sized for the screw diameter, insert the drill bit over the K-wire and through the drill guide. Drill the bone to the appropriate depth. Fluoroscopy is recommended to confirm desired location and depth of the drilled hole.

Note: If countersinking a headed screw is appropriate, choose the corresponding colored cannulated countersink to the screw diameter. Place the cannulated countersink over the K-wire and manually create the required recess.



**Optional Countersinking*

Step 4

Insert Screw

Select the appropriate TRAX Compression Screw. Verify the Bone Screw diameter, overall length and thread length. Where the use of a washer to distribute the compression force of the headed screw may be desired, place the corresponding colored washer under the head of the screw prior to insertion. Place the corresponding colored screw driver tip into the hexalobe socket, then place the screw over the guide wire and screw into the bone to the desired depth.

Breakaway Screws

If using a solid bone screw, use the Breakaway Driver to insert the screw to the desired depth. If the shank does not break off, rock the Breakaway Driver slightly to gently separate the shank.



Examples only:

Screw P/N: 106-012-006

Washer P/N: 62515

(Countersink side up)

Technique for Screw Extraction (*Optional*)

Step 1

Locate and Expose Site

Use appropriate interoperative imaging to locate the implant and the head of the screw. Palpate region around the area of concern to confirm location of the screw. Expose region using standard operative techniques to remove tissue, allowing full access to the screw head.

Step 2

Screw Extraction

Preferably, insert the appropriate K-wire through the screw cannulation. Use the corresponding driver to remove the screw; turning counterclockwise. See the following tables to select the K-wire and driver based on color coding of screws and instruments.

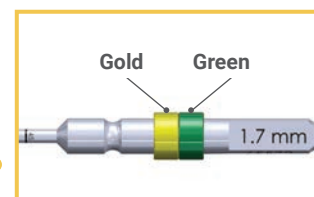
Disclaimer

The following guidelines are provided by Trax Surgical for information purposes only. Proper surgical procedures and techniques are the responsibility of the medical professional. Each surgeon must evaluate the appropriateness of the procedures based on his or her personal medical training and experience.

Prior to use of the system, the surgeon should refer to the product Instructions for Use for complete warnings, precautions, indications, contraindications and adverse effects. Instructions for Use package inserts are available at www.traxsurgical.com and by contacting Trax Surgical Inc.

Instrumentation Reference

What do the colors mean? This instrument is compatible with gold and green screws.



Small Screw Kit ACC-S	Part Number	Banding
0.9mm K-Wire	62357	<input type="checkbox"/> No Banding
1.1 mm K-Wire	62358	<input type="checkbox"/> No Banding
6" Depth Gauge	62363	<input type="checkbox"/> No Banding
Drill Guide	62165-01	<input type="checkbox"/> No Banding / 2.0mm
Drill Guide	62165-02	<input type="checkbox"/> No Banding / 2.6mm
Drill Guide	62165-03	<input type="checkbox"/> No Banding / 3.0mm
2.7mm Drill	65607	<input type="checkbox"/> Light Blue
2.3mm Drill	65596	<input type="checkbox"/> Dark Blue
1.7mm Drill	65584	<input type="checkbox"/> Gold/Green
1.7mm Drill-Short	65575	<input type="checkbox"/> Gold/Green
1.2mm Drill for Break-Away Screws	65603	<input type="checkbox"/> No Banding
Driver, Hexalobe T8	65582	<input type="checkbox"/> Gold/Green
Driver, Hexalobe T10	65601	<input type="checkbox"/> Dark Blue / Light Blue
AO Break-Away Screw Driver, 2.0mm	65605	<input type="checkbox"/> No Banding
Countersink, 4.4 mm	65598	<input type="checkbox"/> Dark Blue
Countersink, 4.0 mm	65580	<input type="checkbox"/> Gold/Green
Countersink, 5.6 mm	65609	<input type="checkbox"/> Light Blue

Medium Screw Kit ACC-M	Part Number	Banding
1.6mm K-Wire	62359	<input type="checkbox"/> No Banding
9" Depth Gauge	61834	<input type="checkbox"/> No Banding
Drill Guide	62165-04	<input type="checkbox"/> No Banding / 3.4mm
Drill Guide	62165-05	<input type="checkbox"/> No Banding / 3.7mm
3.5mm Drill	65619	<input type="checkbox"/> Magenta
3.1mm Drill	65613	<input type="checkbox"/> Orange
Driver, Hexalobe T15	65624	<input type="checkbox"/> Orange/Magenta
Countersink, 6.4mm	65615	<input type="checkbox"/> Orange
Countersink, 7.5mm	65621	<input type="checkbox"/> Magenta

Large Screw Kit ACC-L	Part Number	Banding
2.8mm K-Wire	62360	<input type="checkbox"/> No Banding
4.8mm Drill	61866	<input type="checkbox"/> No Banding
9" Depth Gauge	61834	<input type="checkbox"/> No Banding
Drill Guide	62165-06	<input type="checkbox"/> No Banding / 5.1mm
Driver, Hexalobe T30	62205	<input type="checkbox"/> No Banding
Countersink, 8.5 mm	61957	<input type="checkbox"/> No Banding

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