

READY-FOR-SURGERY™ SOLUTIONS

HEADLESS COMPRESSION SCREWS

FEATURES

- Head Design – Tapered design to facilitate fragment compression.
- Compression – Pitch differential between the leading and trailing thread maximizes and maintains compression.
- Aggressive Screw Tip – Self-drilling and self-tapping flutes for smooth insertion even in dense cortical bone.
- Ready-For-Surgery™ – All Headless Compression Screws are individually sterile packaged to reduce the potential of infection.



ORDERING INFORMATION

PRODUCT NO.	SIZE
HCS 106	D:2.4mm x L:6mm
HCS 108	D:2.4mm x L:8mm
HCS 110	D:2.4mm x L:10mm
HCS 112	D:2.4mm x L:12mm
HCS 114	D:2.4mm x L:14mm
HCS 116	D:2.4mm x L:16mm
HCS 118	D:2.4mm x L:18mm
HCS 120	D:2.4mm x L:20mm
HCS 122	D:2.4mm x L:22mm
HCS 124	D:2.4mm x L:24mm
HCS 126	D:2.4mm x L:26mm
HCS 128	D:2.4mm x L:28mm
HCS 132	D:2.4mm x L:32mm
HCS 136	D:2.4mm x L:36mm
HCS 140	D:2.4mm x L:40mm
HCS 210	D:3.0mm x L:10mm
HCS 212	D:3.0mm x L:12mm
HCS 214	D:3.0mm x L:14mm
HCS 216	D:3.0mm x L:16mm
HCS 218	D:3.0mm x L:18mm
HCS 220	D:3.0mm x L:20mm
HCS 222	D:3.0mm x L:22mm

PRODUCT NO.	SIZE
HCS 224	D:3.0mm x L:24mm
HCS 226	D:3.0mm x L:26mm
HCS 228	D:3.0mm x L:28mm
HCS 230	D:3.0mm x L:30mm
HCS 232	D:3.0mm x L:32mm
HCS 234	D:3.0mm x L:34mm
HCS 236	D:3.0mm x L:36mm
HCS 238	D:3.0mm x L:38mm
HCS 240	D:3.0mm x L:40mm
HCS 245	D:3.0mm x L:45mm
HCS 250	D:3.0mm x L:50mm
HCS 414	D:4.0mm x L:14mm
HCS 416	D:4.0mm x L:16mm
HCS 418	D:4.0mm x L:18mm
HCS 420	D:4.0mm x L:20mm
HCS 422	D:4.0mm x L:22mm
HCS 424	D:4.0mm x L:24mm
HCS 426	D:4.0mm x L:26mm
HCS 428	D:4.0mm x L:28mm
HCS 430	D:4.0mm x L:30mm
HCS 432	D:4.0mm x L:32mm
HCS 434	D:4.0mm x L:34mm

PRODUCT NO.	SIZE
HCS 436	D:4.0mm x L:36mm
HCS 438	D:4.0mm x L:38mm
HCS 440	D:4.0mm x L:40mm
HCS 445	D:4.0mm x L:45mm
HCS 450	D:4.0mm x L:50mm
HCS 455	D:4.0mm x L:55mm
HCS 460	D:4.0mm x L:60mm
HCS 740	D:6.5mm x L:40mm
HCS 745	D:6.5mm x L:45mm
HCS 750	D:6.5mm x L:50mm
HCS 755	D:6.5mm x L:55mm
HCS 760	D:6.5mm x L:60mm
HCS 765	D:6.5mm x L:65mm
HCS 770	D:6.5mm x L:70mm
HCS 775	D:6.5mm x L:75mm
HCS 780	D:6.5mm x L:80mm
HCS 785	D:6.5mm x L:85mm
HCS 790	D:6.5mm x L:90mm
HCS 791	D:6.5mm x L:95mm
HCS 792	D:6.5mm x L:100mm

Flower Small Headless & Cannulated Screws Portfolio

**Headless
2.4**



**Partially Threaded
2.4**



0.8 CoCr Wire

T6 Torx

1.7 minor diameter

Self-drilling flutes

SURGICAL BENEFITS

- Proximal Head has tapered design to facilitate fragment compression.
- Pitch differential between the leading and trailing thread maximizes and maintains compression.
- Threads have aggressive self-drilling and self-tapping flutes for smooth insertion even in dense cortical bone
- CoCr wires to immobilize and stabilize bone fragments and ensure correct position when inserting screws
- Robust single-use instrumentation reduces surgical steps and improves efficiency

SURGICAL BENEFITS

- Self-drilling and self-tapping flutes for easy insertion into cortical bone
- CoCr wires to immobilize and stabilize bone fragments and ensure correct position when inserting screws
- Available in 2.0 & 2.4 diameters
- No instrumentation learning curve. The same instruments are utilized across the small screw portfolio.

✓All Screws are Individually Packaged

✓CoCr Guide Wires

✓Robust Single Use Instrumentation

✓Eliminating Reprocessing

✓Reducing Surgical Steps

✓Improving Surgical Efficiency

Flower Medium Headless & Cannulated Screws – Portfolio

HEADLESS 3.0mm & 4.0mm



PARTIALLY THREADED 3.0mm & 4.0mm



1.1 CoCr Wire

T15 Torx

Self-cutting Flutes

Shaft Threaded Diameter	Minor Shaft Diameter	Max Head Diameter
3.0	2.0	4.7
4.0	2.6	5.0

Shaft Threaded Diameter	Minor Shaft Diameter	Max Head Diameter
3.0	2.0	4.3
3.5	2.4	5.9
4.0	2.6	5.9
4.5	3.0	5.9

Flower Medium Headless & Cannulated Screws – Surgical Benefits

- Proximal Head has tapered design to facilitate fragment compression & sits flush in bone
- Pitch differential between the leading and trailing thread maximizes and maintains compression
- Threads have aggressive self-drilling and self-tapping flutes for smooth insertion

- Low Profile head design for maximum compression
- Self-tapping and self-cutting flutes to ensure cortical bone engagement
- Available in 3.0, 3.5, 4.0 & 4.5 diameters



Guide Wire Kits

Next Generation Instruments for Cannulated Screws

The Flower Guide Wire Kits contain the instruments required for cannulated screw placement. Each sterile instrument kit contains a cannulated screw driver with a textured handle for robust grip, a dual purpose depth gauge and countersink, and two guide wires. The Guide Wire Kits are individually packaged, single-use and Ready-for-Surgery™.



Guide Wire Kit Contents

Cannulated Screw Driver



- T6 (Small), T15 (Medium) and T25 (Large)
- Textured handle with flats

Cannulated Depth Gauge & Countersink



- Dual Instrument
- Sharp countersink tip provides easier cutting

Guide Wires

- Cobalt chrome 0.8mm (Small), 1.1mm (Medium)
- Stainless steel 2.0mm (Large)

Cube Size	Screw Diameters	Part No.	Description	Contents of Kit
Small	2.0mm/2.4mm	GWK 100	Small Guide Wire Kit, 2.0mm/2.4mm	T6 (Small) cannulated screw driver, cannulated depth gauge and countersink, guide wires (2) 0.8mm x 160mm (CoCr)
Medium	3.0mm/3.5mm/ 4.0mm/4.5mm	GWK 200	Medium Guide Wire Kit, 3.0mm/ 3.5mm/4.0mm/4.5mm	T15 (Medium) cannulated screw driver, cannulated depth gauge and countersink, guide wires (2) 1.1mm x 160mm (CoCr)
Large	5.5mm/6.5mm/ 7.3mm	GWK 300	Large Guide Wire Kit, 5.5mm/6.5mm/ 7.3mm	T25 (Large) cannulated screw driver, cannulated depth gauge and countersink, guide wires (2) 2.0mm x 160mm (SS)

INDICATIONS FOR USE: The Flower Orthopedics Flower Bone Screws set is intended to be used for the fixation of bone fractures, fusion of joints or bone reconstruction.

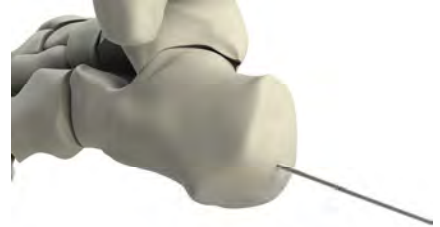
©2016 Flower Orthopedics. All rights reserved. FlowerCube, FlowerCarriage, IndicationCube, IndicationCarriage, E-Kit, FlowerCart, Ready-for-Surgery, FlowerPatch, FlowerFlo and FlowerPot are trademarks of Flower Orthopedics. Please refer to package insert for description, indications, contraindications, warnings, precautions, and other important information.

Flower Orthopedics Corporation • 100 Witmer Road, Suite 280 • Horsham, PA 19044 • T: 877.778.8587 • F: 215.394.8904 • www.flowerortho.com

Cannulated Screw Insertion

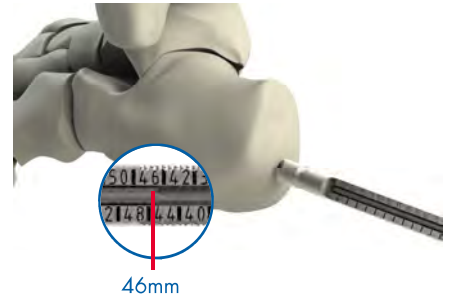
Step 1: Guide Wire Fixation

- Insert one of the guide wires found in the Flower Guide Wire Kit.



Step 2: Countersinking and Depth Measurement

- Countersinking for the cannulated screw may be achieved utilizing the cannulated depth gauge/countersink.
- Slide the depth gauge over the guide wire and countersink before reading the depth measurement.
- If countersinking is not desired, simply slide the depth gauge over the guide wire and measure the required screw length with the tip of the countersink on bone.



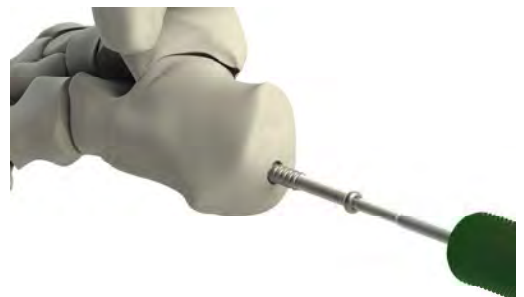
Step 3: Drill Pilot Hole

- Drill pilot hole using a cannulated drill bit.



Step 4: Screw Insertion

- Using the cannulated screw driver insert the cannulated screw over the guide wire.



Step 5: Final Construct



HOW DOES FLOWER ORTHOPEDICS BUILD A MORE EFFICIENT CASE?

FLOWERCUBES™

FlowerCubes™ are pre-packaged and ready for use, eliminating costly pre-op sterilization. The FlowerCube contains all of the implants and instruments required for specific surgical indications.



IMPLANT PORTFOLIO

Our full line of Foot & Ankle solutions covers forefoot to ankle with plating and screw solutions. The consistent screw head design maximizes efficiency.



READY-FOR-SURGERY WITH

EVERYTHING YOU NEED

E-KIT ADVANCED™ + ONE ADDITIONAL KIT

Yes, you can do a full Foot & Ankle case with two sterile-packed instrument kits!

The E-Kit Advanced streamlines the surgical steps by providing multifunctional instruments for both plates and screws.

When combined with an additional sterile-packaged kit, such as a drill bit kit, you will have all the tools required for a procedure, eliminating operating room back table clutter.

The robust, single-use instruments are new every time. FlowerCubes eliminate the traditional wear and tear of instrumentation and post-op decontamination.

