



ZIMMER® CANNULATED SCREW SYSTEM

Strength and Accuracy
"Solutions in Your Hands"

Designed to address most clinical situations and place multiple, intraoperative solutions in the surgeon's hands

MINIMALLY INVASIVE, EASY TO USE

Minimally invasive instrumentation and surgical technique designed to minimize additional trauma through percutaneous guides and small incisions

MULTIPLE CHOICES, OPTIMUM RESULTS

Sizes range from 3.0mm to 7.5mm in diameter, and lengths up to 180mm. Partially threaded and fully threaded designs in a comprehensive size offering allow the surgeon to cover the spectrum of applications



Full Thread

One-half Thread

One-third Thread



Zimmer
4.0mm Screw

Competition
4.0mm Screw

Biodur® allows deeper threads and larger cannula without compromising screw strength

Zimmer Cannulated Screw System

HEAD TO TOE COVERAGE



Proximal Humerus



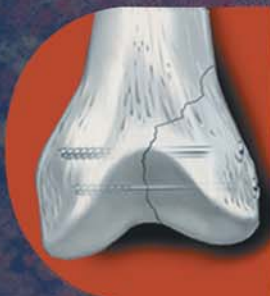
Elbow



Pelvis



Proximal Femur



Distal Femur



Proximal Tibia

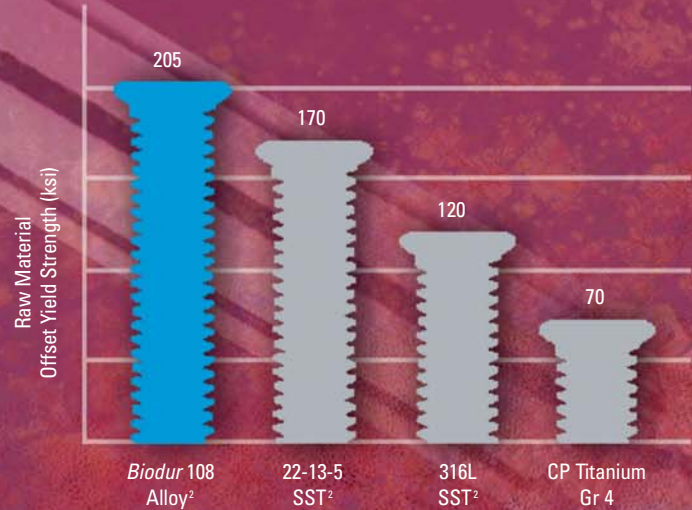


Distal Tibia



Foot

LOW-NICKEL BIODUR¹ 108 ALLOY IS 20% STRONGER THAN 22-13-5 STAINLESS STEEL.



SCREW SIZE (mm)	CANNULA DIA. (in.)	GUIDE WIRE (mm)
3.0	1.35	1.25
3.5	1.7	1.6
4.0	1.7	1.6
4.5	2.5	2.4
5.5	2.5	2.4
6.5	3.4	3.2
7.0	3.4	3.2
7.5	3.4	3.2

Biodur 108 Alloy allows the *Zimmer* Cannulated System to feature deeper threads and a larger cannula without compromising screw strength. The larger cannula accommodates a larger/stiffer guide wire. The guide wire's enhanced strength and stiffness help to protect it from skiving, deflecting, or walking on the bone. This affords greater accuracy in guide wire placement and screw insertion.

¹ *Biodur* is a Registered Trademark of Carpenter Technology Corporation

² 30% Cold Work

Simplicity and Efficiency in Technique

Larger cannula allows for use of a larger, stiffer guide wire. Deviation from the intended angle of insertion is reduced due to the stiffness of the guide wire. This helps to prevent the guide wire from skiving or walking on the bone.

Use the Guide Wire cannula in the Adjustable Parallel Pin Guide or Percutaneous Pin Guide to help place one or more guide wires.

1

Use the Cannulated Countersink over the guide wire to allow the screw head to recess into the bone (optional). Note: If a washer is to be used, omit counter sinking and place washer on screw prior to insertion (see inset).

2

Measure for screw length using the depth gauge placed over the guide wire, touching the cortex.

3

Drill using the appropriate Cannulated Drill over the guide wire (optional) to the desired depth.

4

Use the Cannulated Tap to cut the threads for the screw to the proper depth (optional). Then drive the cannulated screw over the guide wire using the Cannulated Screwdriver. Remove the guide wire after seating the screw.

5

IMPLANTS (SCREWS)

Screws 8mm to 30mm are available in 1mm increments
Screws 32mm to 60mm are available in 2mm increments

Prod. No.	Description
1147-08-30 Through ↓	Screw, 3.0mm x 8mm, 1/3 Thread ↓
1147-60-30 Through ↓	Screw, 3.0mm x 60mm, 1/3 Thread ↓
1147-08-31 Through ↓	Screw, 3.0mm x 8mm, 1/2 Thread ↓
1147-60-31 Through ↓	Screw, 3.0mm x 60mm, 1/2 Thread ↓

Screws 10mm to 50mm are available in 2mm increments
Screws 55mm to 130mm are available in 5mm increments

1147-010-35 Through ↓	Screw, 3.5mm x 10mm, Partial Thread ↓
1147-130-35 Through ↓	Screw, 3.5mm x 130mm, Partial Thread ↓
1147-010-36 Through ↓	Screw, 3.5mm x 10mm, Full Thread ↓
1147-130-36 Through ↓	Screw, 3.5mm x 130mm, Full Thread ↓
1147-010-40 Through ↓	Screw, 4mm x 10mm, 1/3 Thread ↓
1147-130-40 Through ↓	Screw, 4mm x 130mm, 1/3 Thread ↓
1147-010-41 Through ↓	Screw, 4mm x 10mm, 1/2 Thread ↓
1147-130-41 Through ↓	Screw, 4mm x 130mm, 1/2 Thread ↓

20mm to 72mm are available in 2mm increments
Screws 75mm to 150mm are available in 5mm increments

1147-020-45 Through ↓	Screw, 4.5mm x 20mm, 1/3 Thread ↓
1147-150-45 Through ↓	Screw, 4.5mm x 150mm, 1/3 Thread ↓
1147-020-46 Through ↓	Screw, 4.5mm x 20mm, Full Thread ↓
1147-150-46 Through ↓	Screw, 4.5mm x 150mm, Full Thread ↓

Screws are available in 5mm increments

1147-045-55 Through ↓	Screw, 5.5mm x 45mm, 16mm Thread ↓
1147-150-55 Through ↓	Screw, 5.5mm x 150mm, 16mm Thread ↓
1147-045-56 Through ↓	Screw, 5.5mm x 45mm, 32mm Thread ↓
1147-150-56 Through ↓	Screw, 5.5mm x 150mm, 32mm Thread ↓
1147-045-57 Through ↓	Screw, 5.5mm x 45mm, Full Thread ↓
1147-150-57 Through ↓	Screw, 5.5mm x 150mm, Full Thread ↓
1147-030-65 Through ↓	Screw, 6.5mm x 30mm, 16mm Thread ↓
1147-150-65 Through ↓	Screw, 6.5mm x 150mm, 16mm Thread ↓
1147-045-66 Through ↓	Screw, 6.5mm x 45mm, 32mm Thread ↓
1147-150-66 Through ↓	Screw, 6.5mm x 150mm, 32mm Thread ↓

- Enhanced material technology and innovative design aids in precise guide wire placement to help ensure fixation
- Maintains a mechanical environment conducive to healing in small bone fractures and weight bearing applications
- Wide variety of screw sizes, ranging from 3.0mm to 7.5mm in diameter, and lengths to 180mm

WARNING: This device is not approved by the FDA for screw attachment or fixation to the posterior elements (pedicles) of the cervical, thoracic, or lumbar spine.

1147-020-67 Through ↓	Screw, 6.5mm x 20mm, Full Thread ↓
1147-150-67 Through ↓	Screw, 6.5mm x 150mm, Full Thread ↓
1147-030-70 Through ↓	Screw, 7.0mm x 30mm, 16mm Thread ↓
1147-180-70 Through ↓	Screw, 7.0mm x 180mm, 16mm Thread ↓
1147-045-71 Through ↓	Screw, 7.0mm x 45mm, 32mm Thread ↓
1147-180-71 Through ↓	Screw, 7.0mm x 180mm, 32mm Thread ↓
1147-020-72 Through ↓	Screw, 7.0mm x 20mm, Full Thread ↓
1147-180-72 Through ↓	Screw, 7.0mm x 180mm, Full Thread ↓
1147-060-75 Through ↓	Screw, 7.5mm x 60mm, 16mm Thread ↓
1147-150-75 Through ↓	Screw, 7.5mm x 150mm, 16mm Thread ↓
1147-060-76 Through ↓	Screw, 7.5mm x 60mm, 32mm Thread ↓
1147-150-76 Through ↓	Screw, 7.5mm x 150mm, 32mm Thread ↓
1147-060-77 Through ↓	Screw, 7.5mm x 60mm, Full Thread ↓
1147-150-77 Through ↓	Screw, 7.5mm x 150mm, Full Thread ↓

CANNULATED SCREW SETS (HEAD)

Prod. No.	Description
1147-05-30	3.0mm 1/3 Thread Cann. Screw Set Std/Ext
1147-01-30	3.0mm 1/3 Thread Cann. Screw Set Std
1147-03-30	3.0mm 1/3 Thread Cann. Screw Set Ext
1147-06-30	3.0mm 1/2 Thread Cann. Screw Set Std/Ext
1147-02-30	3.0mm 1/2 Thread Cann. Screw Set Std
1147-04-30	3.0mm 1/2 Thread Cann. Screw Set Ext
1147-05-35	3.5mm Partial Thread Cann. Screw Set Std/Ext
1147-01-35	3.5mm Partial Thread Cann. Screw Set Std
1147-03-35	3.5mm Partial Thread Cann. Screw Set Ext
1147-06-35	3.5mm Full Thread Cann. Screw Set Std/Ext
1147-02-35	3.5mm Full Thread Cann. Screw Set Std
1147-04-35	3.5mm Full Thread Cann. Screw Set Ext
1147-05-40	4.0mm 1/3 Thread Cann. Screw Set Std/Ext
1147-01-40	4.0mm 1/3 Thread Cann. Screw Set Std
1147-03-40	4.0mm 1/3 Thread Cann. Screw Set Ext
1147-06-40	4.0mm 1/2 Thread Cann. Screw Set Std/Ext
1147-02-40	4.0mm 1/2 Thread Cann. Screw Set Std
1147-04-40	4.0mm 1/2 Thread Cann. Screw Set Ext
1147-05-45	4.5mm 1/3 Thread Cann. Screw Set Std/Ext
1147-01-45	4.5mm 1/3 Thread Cann. Screw Set Std
1147-03-45	4.5mm 1/3 Thread Cann. Screw Set Ext
1147-06-45	4.5mm Full Thread Cann. Screw Set Std/Ext

1147-02-45	4.5mm Full Thread Cann. Screw Set Std
1147-04-45	4.5mm Full Thread Cann. Screw Set Ext
1147-01-55	5.5mm 16mm Thread Cann. Screw Set Std
1147-02-55	5.5mm 32mm Thread Cann. Screw Set Std
1147-03-55	5.5mm Full Thread Cann. Screw Set Std
1147-01-65	6.5mm 16mm Thread Cann. Screw Set Std
1147-02-65	6.5mm 32mm Thread Cann. Screw Set Std
1147-03-65	6.5mm Full Thread Cann. Screw Set Std
1147-07-70	7.0mm 16mm Thread Cann. Screw Set Std/Ext
1147-01-70	7.0mm 16mm Thread Cann. Screw Set Std
1147-04-70	7.0mm 16mm Thread Cann. Screw Set Ext
1147-08-70	7.0mm 32mm Thread Cann. Screw Set Std/Ext
1147-02-70	7.0mm 32mm Thread Cann. Screw Set Std
1147-05-70	7.0mm 32mm Thread Cann. Screw Set Ext
1147-09-70	7.0mm Full Thread Cann. Screw Set Std/Ext
1147-03-70	7.0mm Full Thread Cann. Screw Set Std
1147-06-70	7.0mm Full Thread Cann. Screw Set Ext
1147-01-75	7.5mm 16mm Thread Cann. Screw Set Std
1147-02-75	7.5mm 32mm Thread Cann. Screw Set Std
1147-03-75	7.5mm Full Thread Cann. Screw Set Std
1147-04-75	7.5mm 16mm Thread Cann. Screw Set Ext
1147-05-75	7.5mm 32mm Thread Cann. Screw Set Ext
1147-06-75	7.5mm Full Thread Cann. Screw Set Ext
1147-07-75	7.5mm 16mm Thread Cann. Screw Set Std/Ext
1147-08-75	7.5mm 32mm Thread Cann. Screw Set Std/Ext
1147-09-75	7.5mm Full Thread Cann. Screw Set Std/Ext

IMPLANTS (WASHERS)

Prod. No.	Description	Used With
1147-95-00	Washer	3.0mm Screw (1 Box of 6)
1147-96-00	Washer	3.5, 4.0mm Screws (1 Box of 6)
1147-97-00	Washer	4.5mm Screw (1 Box of 6)
1147-98-00	Washer	5.5 thru 7.5mm Screws (1 Box of 6)

INSTRUMENT SETS (INCLUDES 1 BOX OF 6 WASHERS)

Prod. No.	Description
1147-00-30	Cannulated Screw, 3.0mm Instruments
1147-00-35	Cannulated Screw, 3.5, 4.0mm Instruments
1147-00-45	Cannulated Screw, 4.5mm Instruments
1147-00-55	Cannulated Screw, 5.5mm Instruments
1147-00-65	Cannulated Screw, 6.5mm Instruments
1147-00-70	Cannulated Screw, 7.0mm Instruments
1147-00-75	Cannulated Screw, 7.5mm Instruments

Contact your Zimmer representative, or visit us at www.zimmer.com.

Manufactured by:



Distributed by:

