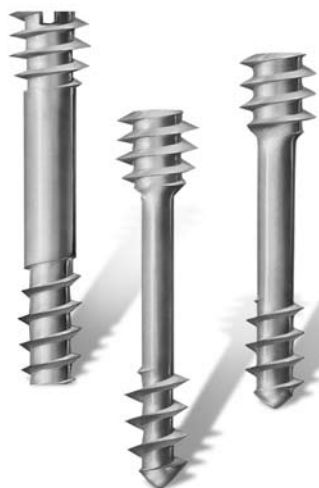
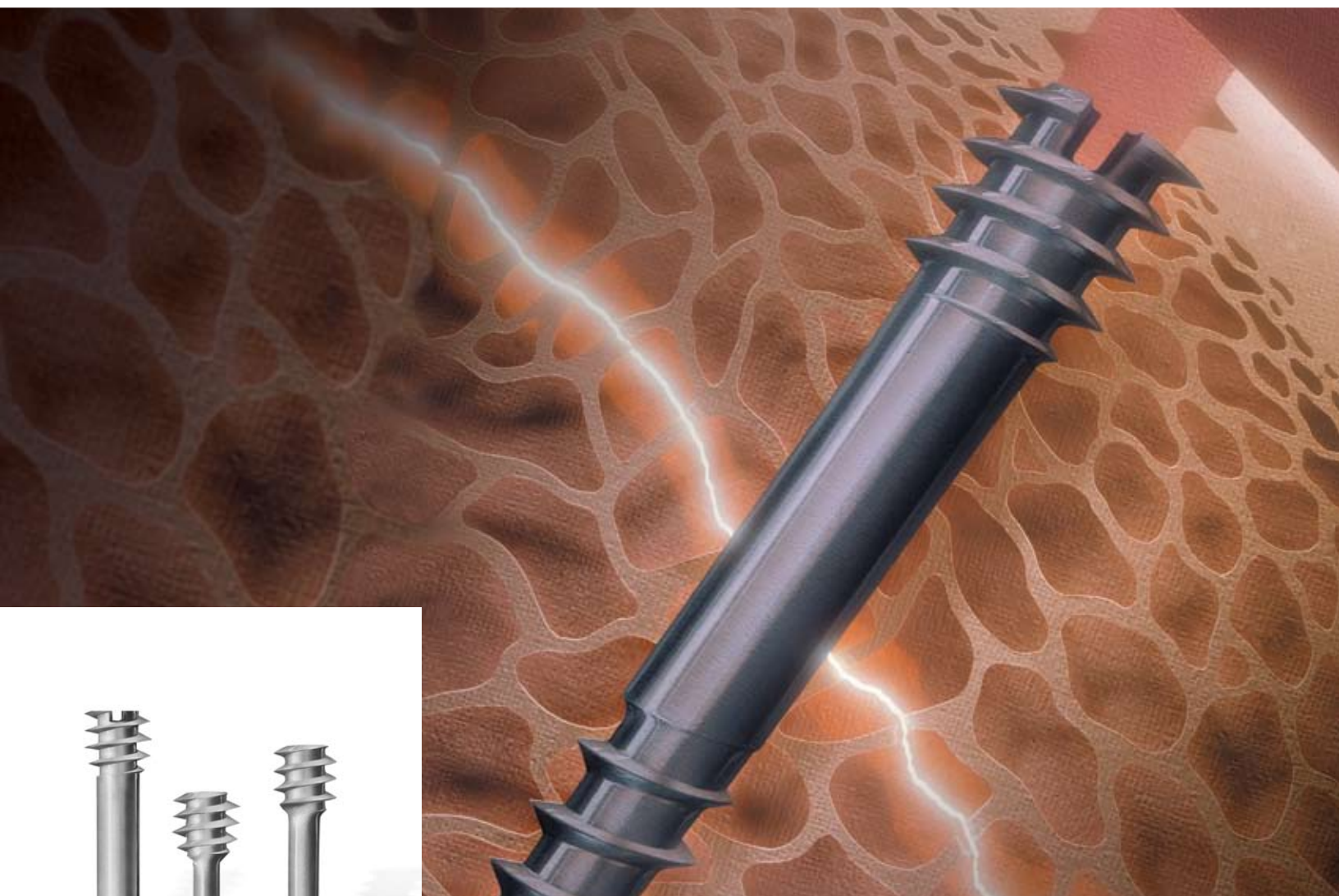




**Zimmer®
Herbert™ Bone
Screws for Small
Bone Fractures**



Double Thread, No Head for Screw Fixation

Double Thread, No Head for Secure Internal Fixation

With over 20 years of clinical experience, the *Zimmer Herbert* Bone Screws feature short thread lengths and small diameters for optimum fixation of very small bone fragments. Manufactured from *Titanium*[®] Ti-6Al-4V Alloy, the bone screws provide strength and biocompatibility during insertion.

The double thread construct, with a different pitch on distal and proximal ends, combine fracture reduction and compression to provide rigid internal fixation.



Cannulated and available in 10 lengths, from 12mm to 30mm, in 2mm increments

The Herbert/Whipple[®] Bone Screws*

Small diameter (3.0/3.9mm) cannulated device for small bone fractures and arthroscopic procedures

Double-pin drive provides positive screw/screwdriver interface

For easy insertion, leading and trailing threads are self-tapping



Available in 8 lengths, from 10mm to 24mm, in 2mm increments

Herbert Mini Bone Screws[†]

Hex socket drive on trailing end for secure interface between screw and screwdriver

Extra-small diameter threads (2.5/3.2mm) ideal for hand/finger fractures, or fractures of very small fragments



Available in 10 lengths, from 12mm to 30mm, in 2mm increments

Herbert Bone Screws[†]

Sure fixation with a hexhead screwdriver

Excellent choice for scaphoid and other small bone fragments

Herbert Implants Specifications

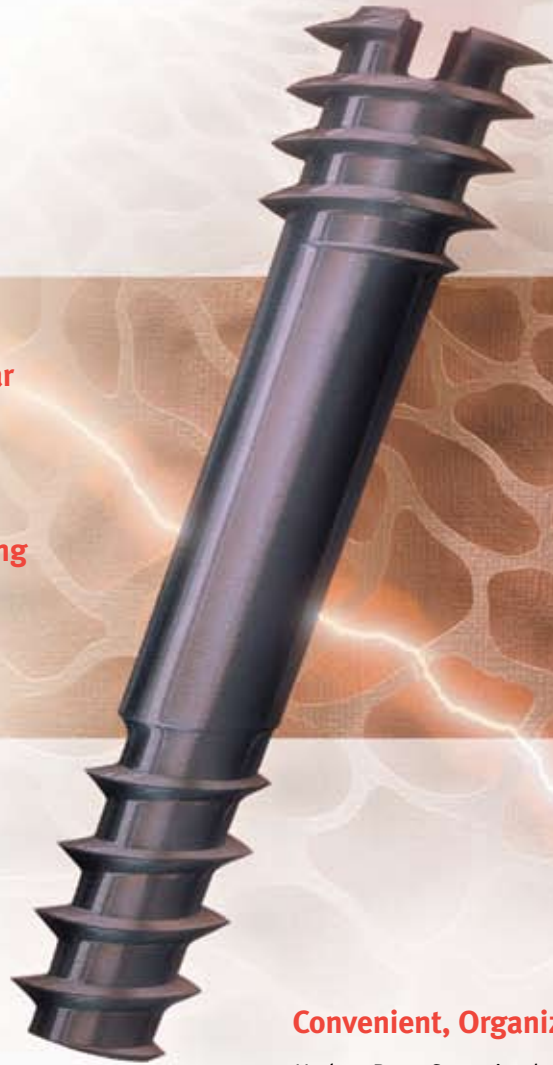
	Herbert/Whipple Screw	Herbert Mini	Herbert Screw
Leading Thread Diameter	3.0mm	2.5mm	3.0mm
Shaft Diameter	2.5mm	1.25mm	1.75mm
Trailing Thread Diameter	3.9mm	3.2mm	3.9mm

* Developed in cooperation with Timothy Herbert, F.R.C.S., F.R.A.C.S., and Terry Whipple, M.D., F.A.C.S.

† Developed in cooperation with Timothy Herbert, F.R.C.S., F.R.A.C.S.

Headless screws can be inserted through articular cartilage and buried below bone surface to avoid interface with articulation or soft tissue

Leading threads penetrate bone faster than trailing threads, slowing penetration, reducing and compressing fragments during insertion



Accurate Insertion

Huene Alignment Guide holds bone fragments firmly together, ensuring accurate insertion of instruments and implants



Convenient, Organized Trays

Herbert Bone Screw implants and instruments are conveniently managed in four separate trays with lids, available individually or as sets in a single case. Screws (package sterile) and instruments (packaged nonsterile) are fully labeled; case is made of molded polyetherimide for durability and reduced weight. Screws and instruments are also available separately.

Herbert Bone Screw Systems General Instrument Set



Herbert Bone Screw Set with Huene Alignment Guide



Herbert Bone Screw Systems Implants and Instrumentation

Prod. No.	Description	Qty. in Set
00-1154-080-00	Herbert Bone Screw Set (Set includes the following implants, instruments and sterilization case)	
47-1154-012-00	12mm	2
47-1154-014-00	14mm	2
47-1154-016-00	16mm	2
47-1154-018-00	18mm	2
47-1154-020-00	20mm	2
47-1154-022-00	22mm	2
47-1154-024-00	24mm	2
47-1154-026-00	26mm	2
47-1154-028-00	28mm	2
47-1154-030-00	30mm	2
00-1154-079-00	Herbert Bone Screw General Instrument Set (Set includes the following instrumentation and sterilization case)	
00-1152-052-00	Free-Hand Guide Insert Sleeve	1
00-1154-008-00	Dissector	1
00-1154-040-00	Double-Ended Retractor	2
00-1154-078-00	Small Retractor	1
00-1154-092-00	Free-Hand Guide	1
00-2446-007-00	Bone-Holding Forceps	1
00-2446-039-00	Sharp Hook	1
00-2910-002-00	Periosteal Elevator, 6.4mm	1
00-3027-000-00	Soft Tissue Retractor	1
00-3088-020-00	Hohmann Retractor, 6mm	1
00-3088-021-00	Hohmann Retractor, 8mm	1
00-1156-095-00	Sterilization Case	1
Optional Instrument		
00-1154-077-00	Hand Rasp	1
Instrumentation		
00-1154-081-00	Herbert Bone Screw Instrumentation Set (Set includes instrumentation and sterilization case only; no implants)	
00-1154-001-00	Pilot Drill, 2.4mm diameter	1
00-1154-002-00	Main Drill, 2.0mm diameter	1
00-1154-005-00	Tap	1
00-1154-006-00	Hex Screwdriver	1
00-1154-007-00	Herbert Barrel Grip (Huene)	1
00-1154-009-00	Elevator	1
00-1154-010-00	Trephine	1
00-1154-011-00	Huene Alignment Guide (includes Barrel Grip, Barrel, Body and Scaphoid Blade)	1
00-1154-017-00	Curved Blade (Huene)	1
00-1154-019-00	Straight Blade	1
00-1154-036-00	Barrel (Huene)	1
00-1154-055-00	Body (Huene)	1
00-1154-070-00	Power Pilot Drill, 3.2mm	1
00-1154-071-00	Power Mail Drill, 2.0mm	1

Sterilization Cases

Prod. No.	Description
00-1154-095-00	Herbert Bone Screw Screw/Instrument Sterilization Case
Case Components	
00-1154-096-00	Instrument Base
00-1154-097-00	Instrument Top Tray
00-1154-097-01	Instrument Screw Tray
00-1154-097-02	Instrument Screw Tray Lid
00-1154-098-00	Instrument Lid

Sterilization Cases

Prod. No.	Description
00-1156-095-00	Herbert Bone Screw General Instrument Sterilization Case
Case Components	
00-1156-096-00	General Instrument Base
00-1156-096-01	General Instrument Base Mat
00-1156-097-00	General Instrument Tray
00-1156-098-00	General Instrument Lid

Herbert/Whipple Bone Screw Cannulated Implants and Instrumentation

Prod. No.	Description	Qty. in Set
00-1152-090-00	Herbert/Whipple Bone Screw Set (Set includes the following implants, instrumentation and case components)	
Implants		
00-1152-012-00	Cannulated Screw, 12mm	2
00-1152-014-00	Cannulated Screw, 14mm	2
00-1152-016-00	Cannulated Screw, 16mm	2
00-1152-018-00	Cannulated Screw, 18mm	2
00-1152-020-00	Cannulated Screw, 20mm	2
00-1152-022-00	Cannulated Screw, 22mm	2
00-1152-024-00	Cannulated Screw, 24mm	2
00-1152-026-00	Cannulated Screw, 26mm	2
00-1152-028-00	Cannulated Screw, 28mm	2
00-1152-030-00	Cannulated Screw, 30mm	2
Instrumentation		
00-1152-001-00	Cannulated Screwdriver	1
00-1152-002-00	Cannulated Cortical Broach	1
00-1152-004-00	Depth Gauge	1
00-1152-005-00	Cannulated Tap	1
00-1152-006-00	Alignment Guide	1
00-1152-013-00	Disposable Drill Tip	1
00-1152-015-00	Step Drill Shaft	1
00-1152-050-00	Guide Wires, 1mm diameter	1
00-1152-052-00	Free-Hand Guide Insert Sleeve	1
00-1152-055-00	Free-Hand Depth Gauge	1
00-1152-060-00	Sleeves	2
00-1152-070-00	Cannula	1
00-1152-071-00	Obturator	1
00-1154-010-00	Trephine	1
00-1154-090-00	Modular Handle	1
00-2313-011-00	Screw Forceps	1
00-1152-095-00	Sterilization Case	1
00-1152-093-00	Herbert/Whipple Bone Screw Set (Set includes instrumentation and sterilization case only; no implants)	
Optional Instruments		
00-1152-008-00	Cannula Cleaner	
00-1152-009-00	Pencil End Brush for cleaning	
00-1152-017-00	Gliding Hole Drill	
00-2346-005-00	Phenolic Handle, Small, Q-C	

Sterilization Cases

Prod. No.	Description
00-1152-095-00	Herbert/Whipple Bone Screw Screw/Instrument Sterilization Case
Case Components	
00-1152-096-00	Instrument Base
00-1152-096-01	Instrument Middle Tray
00-1152-097-00	Instrument Top Tray
00-1152-097-01	Instrument Screw Tray
00-1152-097-02	Instrument Screw Tray Lid
00-1152-098-00	Instrument Lid

Herbert Mini Bone Screw Implants and Instrumentation

Prod. No.	Description	Qty. in Set
00-1150-090-00	Herbert Mini Bone Screw Set (Set includes the following implants, instrumentation and sterilization case)	
Implants		
00-1150-010-00	10mm	2
00-1150-012-00	12mm	2
00-1150-014-00	14mm	2
00-1150-016-00	16mm	2
00-1150-018-00	18mm	2
00-1150-020-00	20mm	2
00-1150-022-00	22mm	2
00-1150-024-00	24mm	2
Instrumentation		
00-1150-003-00	Pilot Drill, 2.3mm diameter	2
00-1150-004-00	Main Drill, 1.5mm diameter	2
00-1150-005-00	Tap	2
00-1150-006-00	Screwdriver	2
00-1150-007-00	Trephine	2
00-1150-051-00	Free-Hand Guide	2
00-1150-095-00	Sterilization Case	2
00-1150-091-00	Herbert Mini Bone Screw System Instrumentation Set (Set includes instrumentation and sterilization case only; no implants)	

Sterilization Cases

Prod. No.	Description
00-1150-095-00	Herbert Mini Bone Screw Screw/Instrument Sterilization Case
Case Components	
00-1150-096-00	Instrument Base
00-1150-096-01	Screw Tray
00-1150-096-02	Screw Tray Lid
00-1150-097-00	Instrument Lid

Other Sterilization Cases

Prod. No.	Description
00-1156-085-00	Herbert Bone Screw Sterilization Cases Holder (This case holds all four of the sterilization cases)
Case Components	
00-1156-086-00	Herbert Bone Screw Case Holder Base
00-1156-087-00	Herbert Bone Screw Case Holder Lid



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

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

