BIOTEK

Product Bulletin

Issue No. 034 | PB034/October/25

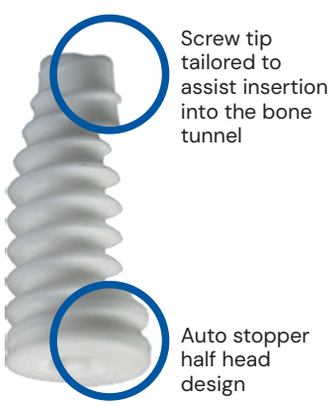
BIOTWIN™ Interference Fixation System

BIOTWIN™ Interference Fixation System

EU-MDR

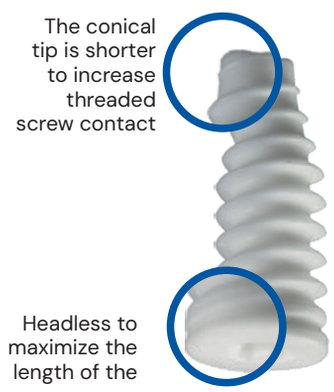
The **BIOTWIN™** Interference Screw is a state-of-the-art, cannulated, resorbable implant designed for ligament/graft fixation within osseous tunnels, primarily used in knee ligament reconstructions.

Lengths 25 & 30



- **Specific design thread for optimal contact**
- **Smooth thread to minimize damage on ligament**
- **Graduated tapered design to optimize torque**

Length 20



Key Features & Benefits:

- **Advanced Material:** Contains 75% PLDLLA & 25% MBCP (Macroporous Biphasic Calcium Phosphate + HA) for a balance of mechanical strength and bone growth generation1.
- **Biocompatible and Resorbable:** Engineered to provide necessary mechanical properties for reconstruction while ensuring regulated resorption and osteointegration to form architectural bone through hydrolysis.
- **Specific Thread Design:** The thread is optimized for each screw diameter to maximize contact between the implant and bone and provides strong primary stability for the graft.
- **Size Ranges:** 7mm (Length option 20, 25, 30mm), 8mm (Length option 20, 25, 30mm), 9mm (Length option 20, 25, 30mm), 10mm (Length option 25, 30mm), 11mm (Length option 35mm), 12mm (Length option 35mm)
- **Usage:** Ligament / graft fixation within osseous tunnel used for knee ligament reconstructions.



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Surgical Instruction: *(In the case of Hard density bone)*

To ensure optimal insertion and minimize the risk of screw damage or bone tunnel expansion in dense or sclerotic bone, it is mandatory to use the appropriately sized Biotek dilator that corresponds to the selected screw diameter before screw insertion.

(Eg. For 7mm Biotwin Screw use 7mm Dialator.)

Procedure Rationale:

The use of a dedicated dilator matching the final screw size creates a clean, uniform path, reducing the torsional stress on the resorbable screw during insertion in hard bone, thereby preserving the integrity of both the screw and the graft-bone interface.

Ordering Information:

Cat Code	Description
BT11CPVI0720	**BIOTWIN™** Composite Interference Screw 7x20mm
BT08CPVI0725	**BIOTWIN™** Composite Interference screw 7x25mm
BT08CPVI0730	**BIOTWIN™** Composite Interference screw 7x30mm
BT11CPVI0820	**BIOTWIN™** Composite Interference screw 8x20mm
BT08CPVI0825	**BIOTWIN™** Composite Interference screw 8x25mm
BT08CPVI0830	**BIOTWIN™** Composite Interference screw 8x30mm
BT11CPVI0920	**BIOTWIN™** Composite Interference screw 9x20mm
BT08CPVI0925	**BIOTWIN™** Composite Interference screw 9x25mm
BT08CPVI0930	**BIOTWIN™** Composite Interference screw 9x30mm
BT12CPVI1025	**BIOTWIN™** Composite Interference screw 10x25mm
BT08CPVI1030	**BIOTWIN™** Composite Interference screw 10x30mm
BT15CPVI1135	**BIOTWIN™** Composite Interference screw 11x35mm
BT15CPVI1235	**BIOTWIN™** Composite Interference screw 12x35mm



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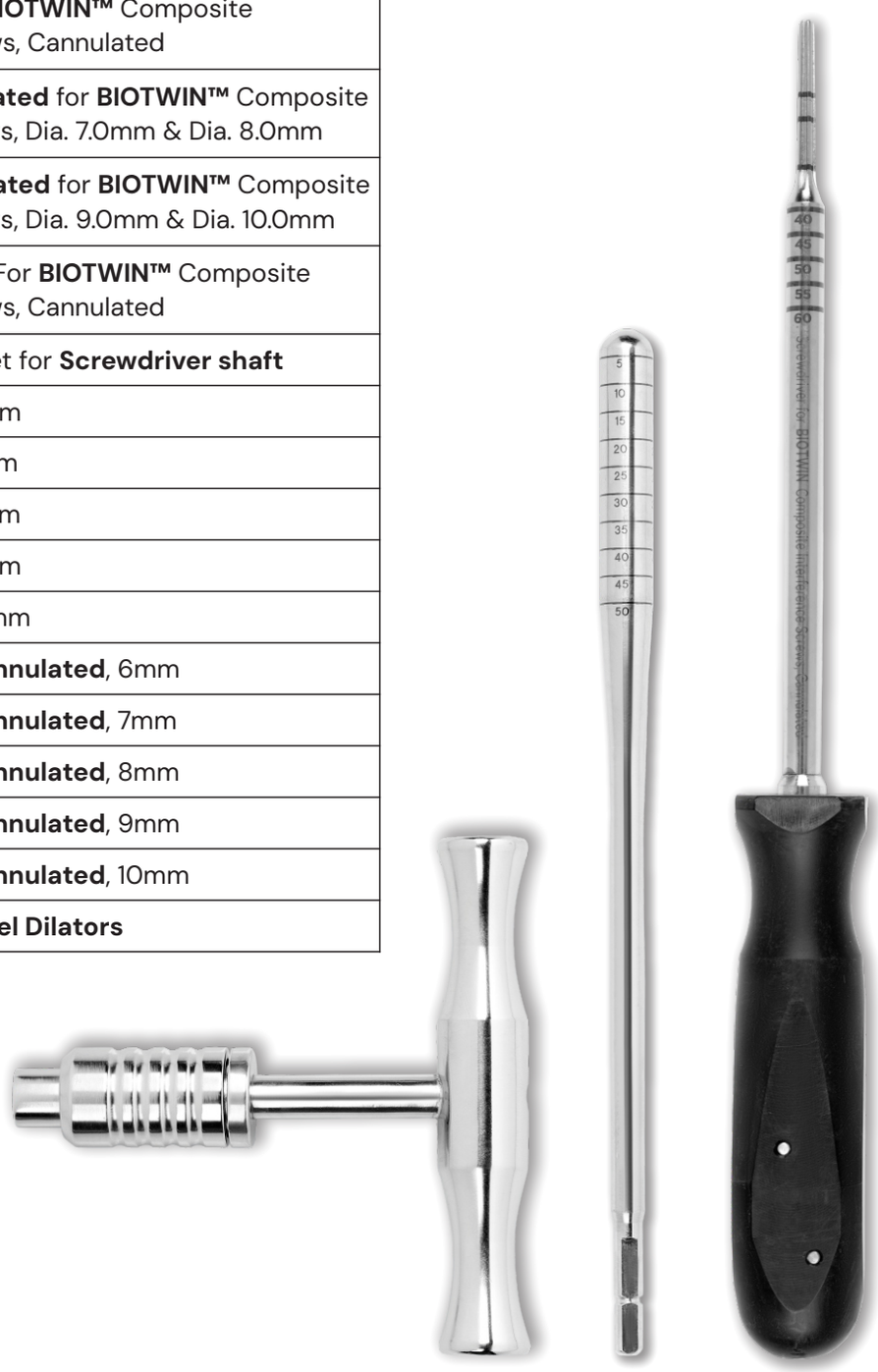
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Instrumentation:

Cat Code	Description
10120	**Screwdriver** For **BIOTWIN™** Composite Interference Screws, Cannulated
10225	Tap **Small Cannulated** for **BIOTWIN™** Composite Interference screws, Dia. 7.0mm & Dia. 8.0mm
10258	Tap **Large Cannulated** for **BIOTWIN™** Composite Interference screws, Dia. 9.0mm & Dia. 10.0mm
10718	Screwdriver shaft For **BIOTWIN™** Composite Interference Screws, Cannulated
10722	Handle with ratchet for **Screwdriver shaft**
BAK-7057.06	**Tunnel Dilator** 6mm
BAK-7057.07	**Tunnel Dilator** 7mm
BAK-7057.08	**Tunnel Dilator** 8mm
BAK-7057.09	**Tunnel Dilator** 9mm
BAK-7057.10	**Tunnel Dilator** 10mm
BAK-7086.06	**Tunnel Dilator Cannulated**, 6mm
BAK-7086.07	**Tunnel Dilator Cannulated**, 7mm
BAK-7086.08	**Tunnel Dilator Cannulated**, 8mm
BAK-7086.09	**Tunnel Dilator Cannulated**, 9mm
BAK-7086.10	**Tunnel Dilator Cannulated**, 10mm
BAK-7062	T-Handle for **Tunnel Dilators**





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