



TiMAX™
4.5/5.0 mm Cannulated
Screw System

Sales Sheet



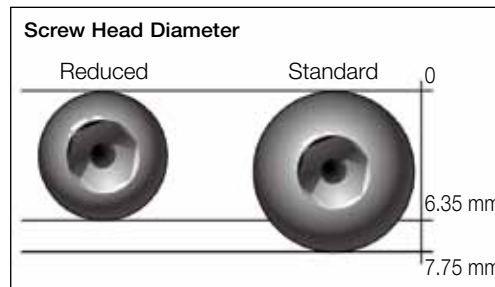
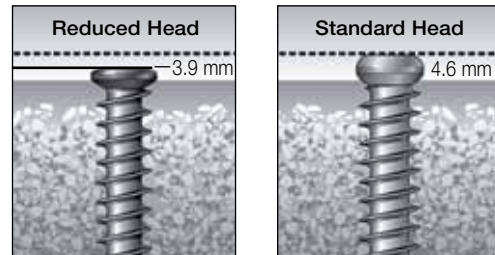
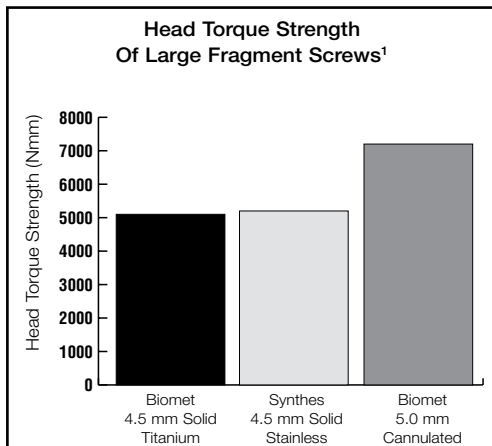
TiMAX™ 4.5/5.0 mm Cannulated Screw System

Features and Benefits

- One convenient modular case
- Customizable selection
- AO quick connect instrumentation
- 2.0 mm threaded tip and bayonet tip K-wires
- Self-drilling, self-tapping screws
- Reduced head 5.0 mm screws

The 4.5/5.0 mm Cannulated Screw System is part of a series of modular systems developed by Biomet, for cannulated screws ranging from 3.5 to 8.0 mm. Complete with instruments, disposables and screws, the system was designed with the surgeon in mind. The system's design offers options, giving the surgeon the added benefits of modularity and flexibility. Additionally, the system contains everything the OR staff needs in one easy-to-use case. All screws in the system have self-drilling and self-tapping capabilities and the unique thread design provides increased resistance to pull-out. Finally, the screws offer the TiMAX™ benefits of increased strength and biocompatibility.





TiMAX Bone Screws

All screws

- TiMAX material offers greater head-torque strength than competitive screws 2-4
- Uses 2.0 mm threaded or bayonet tip guide wire for reliable positioning
- Unique thread design provides increased pull-out resistance
- Self-drilling and self-tapping for quicker insertion

4.5 mm Cannulated Cortical

- Available in both full thread and lag (20 mm thread)
- Full thread available in 20-50 mm lengths, in 2 mm increments and 55-70 mm lengths in 5 mm increments
- Partial thread available in 30-50 mm lengths, in 2 mm increments and 55-70 mm lengths in 5 mm increments

5.0 mm Cannulated Cancellous Lag, Reduced Head

- Reduced head minimizes soft tissue irritation
- Available in 30-50 mm lengths in 2 mm increments and 55-100 mm lengths in 5 mm increments

5.0 mm Cannulated Cancellous Lag, Standard Head

- Available in 30-50 mm lengths, in 2 mm increments and 55-100 mm lengths in 5 mm increments

TiMAX Cannulated Screws

Cat. No.	Description
4.5 mm Cannulated Cortical, Full Thread	
14200-XX 20	50 mm, in 2 mm increments 55 - 70 mm, in 5 mm increments
4.5 mm Cannulated Cortical, Lag	
14250-XX	30 - 50 mm, in 2 mm increments 55 - 70 mm, in 5 mm increments
5.0 mm Cannulated Cancellous Lag - Reduced Head	
1802-53-XXX	30 - 50 mm, in 2 mm increments 55 - 100 mm, in 5 mm increments
5.0 mm Cannulated Cancellous Lag - Standard Head	
14225-XX	30 - 50 mm, in 2 mm increments 55 - 100 mm, in 5 mm increments

TiMAX Washers

Cat. No.	Description
14260	Flat Washer
14261	Cup Washer

References

1. Data on file at Biomet.
2. Theken Orthopaedics, "Static Pullout and Torsional Strength Characterization of ACE Medical Company, Synthes (USA) and DePuy, Inc. Cancellous Bone Screws." September 1995.
3. Hedman T., Large Fragment Screw Test Report, University of Southern California, October 1997.
4. Hedman T., Small Fragment Screw Test Report, University of Southern California, October 1997.

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For product information, including indications, contraindications, warnings, precautions and potential adverse effects, see the package insert.

Disposables

Cat. No.	Description
2141-43-000	3.8 mm Cannulated Drill Bit
2141-44-000	4.5 mm Cannulated Drill Bit
2141-45-000	4.5 mm Cannulated Cortical Tap
2141-46-000	5.0 mm Cannulated Cancellous Tap
1651-01-000	2.0 mm Threaded Tip K-wire
14179-9	2.0 mm Bayonet Tip K-wire
8241-59-000	Easy Out
2141-42-000	Cannulated Countersink

Instrumentation

Cat. No.	Description
2141-47-000	2.0/3.8 mm Drill Guide
2141-48-000	4.5/5.0 mm Drill Guide
2141-40-000	K-wire Depth Gauge (100 mm)
13571	Screw Forcep
2141-41-000	Cannulated Screwdriver Shank
8210-69-000	T-handle
2141-49-000	Cannulated Quick Connect Screwdriver Handle

Screw Blocks/Instrument Tray

Cat. No.	Description
2461-12-007	4.5/5.0 mm Instrument Tray/Lid
2461-12-008	4.5 mm Cannulated Cortical Screw Block
2461-12-009	5.0 mm Cannulated Cancellous Screw Block
2461-12-010	5.0 mm Cannulated Cancellous Reduced Head Screw Block



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