



STANDARD & ECCENTRIC HUMERAL HEAD OPTIONS

- Standard and eccentric humeral head options address a broad range of patient anatomy
- Infinitely dialable eccentric heads provide optimal replication of posterior off-set
- Multiple head heights per diameter allow for proper soft tissue balancing
- High integrity Morse taper for precision placement of eccentric humeral heads
- Highly polished cobalt chrome provides exceptional wear properties

HUMERAL STEM

- 7 diameters provide surgeon intra-operative choice
- All stems are a conservative 110mm in length to allow for optimal proximal press-fit while respecting the contour of the humeral canal
- Low-profile lateral border promotes proper axial alignment and avoids tuberosity interference
- Low-profile collar maximizes articular surface coverage and minimizes the risk of subsidence
- Anterior, posterior and medial fins provide rotational stability and ensure definitive stem alignment
- High integrity reverse Morse taper maximizes access to the glenoid

GLENOID

- 5 sizes (40, 44, 48, 52, 56mm) provide a matched glenoid for each humeral head diameter resulting in a consistent 3mm radial mismatch
- Press-fit finned central peg provides impressive immediate fixation while allowing for bony in-growth for long-term stability
- Two immediate fins securely hold the implant behind subchondral plate for initial fixation
- Minimally cemented application reduces likelihood of thermal necrosis
- Anatomic pear shape allows for optimal coverage while minimizing superior overhang
- Two anatomic peripheral peg patterns (40/44 and 48/52/56) optimize rotational stability and reduce the risk of posterior fractures

AFFINITI SHOULDER PROSTHESIS

Product Item No.	Product Description
Affiniti Standard Humeral Heads	
0020040	40x15 Std Humeral Head
0020041	40x18 Std Humeral Head
0020042	40x21 Std Humeral Head
0020044	44x15 Std Humeral Head
0020045	44x18 Std Humeral Head
0020046	44x21 Std Humeral Head
0020048	48x15 Std Humeral Head
0020049	48x18 Std Humeral Head
0020050	48x21 Std Humeral Head
0020052	52x15 Std Humeral Head
0020053	52x18 Std Humeral Head
0020054	52x21 Std Humeral Head
0020056	56x15 Std Humeral Head
0020057	56x18 Std Humeral Head
0020058	56x21 Std Humeral Head
Affiniti Eccentric Humeral Heads	
0020021	40x18 Ecc Humeral Head
0020022	40x21 Ecc Humeral Head
0020025	44x18 Ecc Humeral Head
0020026	44x21 Ecc Humeral Head
0020029	48x18 Ecc Humeral Head
0020030	48x21 Ecc Humeral Head
0020033	52x18 Ecc Humeral Head
0020034	52x21 Ecc Humeral Head
0020037	56x18 Ecc Humeral Head
0020038	56x21 Ecc Humeral Head
Affiniti Pegged Glenoids	
0020060	40 Pegged Glenoid
0020061	44 Pegged Glenoid
0020062	48 Pegged Glenoid
0020063	52 Pegged Glenoid
0020064	56 Pegged Glenoid
Affiniti Standard Humeral Stems	
0020006	6mm Std Humeral Stem
0020008	8mm Std Humeral Stem
0020010	10mm Std Humeral Stem
0020012	12mm Std Humeral Stem
0020014	14mm Std Humeral Stem
0020016	16mm Std Humeral Stem
0020018	18mm Std Humeral Stem



10750 Cash Road // Stafford, TX 77477 // 888 867 6437 · www.tornier-us.com

Affiniti and Tornier are registered trademarks of Tornier, SA.

BRO102 08/2008

TORNIER  AFFINITI™
Balance Through Simplicity.



Affiniti™
Shoulder
Prosthesis

Surgeon Designers:

- John Brems, MD
Cleveland, OH
- R. Sean Churchill, MD
Milwaukee, WI
- Ed Fehring, MD
Omaha, NE
- Brian Holloway, MD
Knoxville, TN
- Edwin Spencer, MD
Knoxville, TN

THE AFFINITI TOTAL SHOULDER PROSTHESIS



FROM CONCEPTION, THE AFFINITI SHOULDER SYSTEM WAS DRIVEN BY ONE GUIDING PHILOSOPHY – BALANCED SIMPLICITY.

THIS PHILOSOPHY IS EMBODIED IN INSTRUMENTS LIKE PIVOTING REAMER DRIVERS THAT ALLOW FOR EASY INSERTION INTO TIGHT JOINTS AND FENESTRATED ANGLED OSTEOTOMES THAT VERIFY THE INCLINATION AND RETROVERSION OF THE HUMERAL HEAD OSTEOTOMY.

IMPLANT FEATURES LIKE FIXED-ANGLE HUMERAL STEMS WITH LOW-PROFILE LATERAL BORDERS PROVIDE A STRAIGHT FORWARD SURGICAL APPROACH FOR REPRODUCIBLE RESULTS.

ADDITIONALLY, THE MINIMALLY CEMENTED GLENOID FEATURES A FINNED PRESS-FIT CENTRAL PEG WHICH PROVIDES IMPRESSIVE IMMEDIATE FIXATION WHILE ALLOWING FOR BONY IN-GROWTH FOR LONG-TERM STABILITY.

THE AFFINITI SHOULDER SYSTEM – FEEL THE DIFFERENCE.

INSTRUMENTATION



IM CUTTING GUIDE

- IM cutting guide attaches to the canal reamer and facilitates accurate and reproducible humeral head resection
- Adjustable retroversion rod allows surgeon to address varying anatomic version

HUMERAL OSTEOTOME & CANAL REAMER

- Osteotome slides down the canal reamer to provide simple and reproducible axial alignment
- 135 degree osteotome verifies version and inclination once the osteotome rests flat on the resected humerus
- Osteotome window provides excellent visualization and control
- Low-profile lateral aspect minimizes tuberosity and soft-tissue interference



ARTICULATED DRIVER

- Pivoting reamer head allows for low-profile insertion of reamer and retraction of the glenohumeral anatomy
- Locking mechanism quickly slides into the straight position to maintain axial alignment



FUKUDA RETRACTOR

- Contoured shaft and expanded mouth increases access to the glenoid by allowing the driver to recess into retractor



STRAIGHT DRIVER

- Reduced diameter of driver tip provides improved access and visualization to the glenoid

GLENOID SIZER DISCS

- Transparent sizer discs allow for assessment of proper sizing, peripheral peg locations and glenoid centricity