

Product Specifications

Latitude Humeral Stems

DKY001	Small Right
DKY002	Medium Right
DKY003	Large Right
DKY006	Small Left
DKY007	Medium Left
DKY008	Large Left

Latitude Humeral Spools

DKY011	Small Right	Anterior Offset
DKY012	Medium Right	Anterior Offset
DKY013	Large Right	Anterior Offset
DKY014	Large+ Right	Anterior Offset
DKY016	Small Left	Anterior Offset
DKY017	Medium Left	Anterior Offset
DKY018	Large Left	Anterior Offset
DKY019	Large+ Left	Anterior Offset
DKY021	Small Right	Posterior Offset
DKY022	Medium Right	Posterior Offset
DKY023	Large Right	Posterior Offset
DKY024	Large+ Right	Posterior Offset
DKY026	Small Left	Posterior Offset
DKY027	Medium Left	Posterior Offset
DKY028	Large Left	Posterior Offset
DKY029	Large+ Left	Posterior Offset
DKY031	Small Right	Center Offset
DKY032	Medium Right	Center Offset
DKY033	Large Right	Center Offset
DKY034	Large+ Right	Center Offset
DKY036	Small Left	Center Offset
DKY037	Medium Left	Center Offset
DKY038	Large Left	Center Offset
DKY039	Large+ Left	Center Offset

Latitude has been designed in conjunction with:
Shawn O'Driscoll, MD, PHD (Mayo Foundation)
Ken Yamaguchi, MD (Washington University)
Graham King, MD (University of Western Ontario)

Latitude Ulnar Cap

DKY067	Small
DKY068	Medium
DKY069	Large

Latitude Ulnar Stem - Standard

DKY071	Small Right
DKY072	Medium Right
DKY073	Large Right
DKY075	Small Left
DKY076	Medium Left
DKY077	Large Left

Latitude Ulnar Stem - Short

DKY081	Small Right
DKY082	Medium Right
DKY083	Large Right
DKY085	Small Left
DKY086	Medium Left
DKY087	Large Left

Latitude Radial Heads

DKY056	Small
DKY057	Medium
DKY058	Large
DKY059	Large +

Latitude Radial Stems

DKY062	5 mm
DKY061	6.5 mm

Cement Restrictor

EBO101	Cement Restrictor (Diameter Range 8 - 15 mm)
EBO102	Cement Restrictor (Diameter Range 5 - 8 mm)

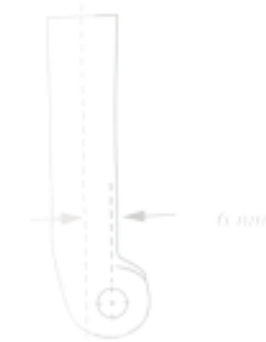
Latitude Single Use Items

DWD060	3 mm Drill Bit
DKY090	Single use Suture Passer

(fig. 1)



(fig. 2)



(fig. 3)



Latitude®

Total Elbow Prosthesis



Restore the natural kinematics of the elbow



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Latitude and Tornier are registered trademarks of Tornier, SA.

The Tornier Latitude Total Elbow Prosthesis is covered by patents US6379387; US6767368; US6890357 and others pending



Tornier® Latitude® Total Elbow Prosthesis

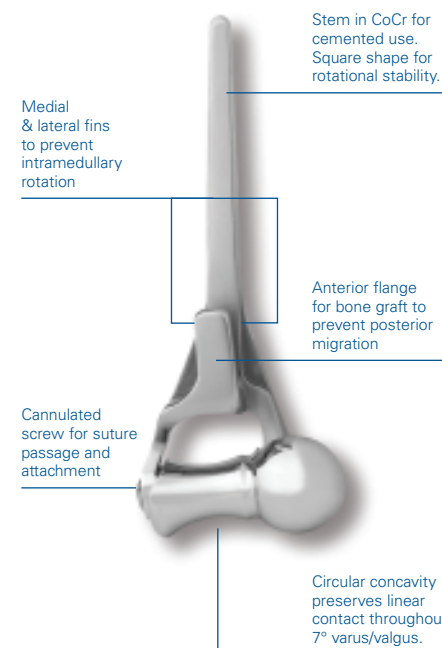
- The unique modular spool of the Latitude Total Elbow is designed to preserve or reestablish the patient's natural flexion/extension.
- Intraoperative flexibility to link or unlink the implant following examination of the surrounding soft tissue and ligaments. Conversion from linked to unlinked, and vice versa, can be performed anytime through a minimally invasive incision.
- The bipolar radial head of the Latitude Total Elbow allows for optimal mechanical balance of the radio-humeral articulation when the alignment is adequate.
- The advanced instrumentation can provide anatomic landmarks for reference.

Experience the first 3rd generation elbow prosthesis.

UNIQUE INSTRUMENTATION FACILITATES A STEP-BY-STEP PROCEDURE THAT NOW MAKES ELBOW ARTHROPLASTY ACCURATE, PRECISE AND REPRODUCIBLE. THE LATITUDE® TOTAL ELBOW OFFERS MAXIMUM FLEXIBILITY IN ELBOW RECONSTRUCTION.



A Latitude® of solutions for any case



Stem in CoCr for cemented use. Square shape for rotational stability.

Medial & lateral fins to prevent intramedullary rotation

Anterior flange for bone graft to prevent posterior migration

Circular concavity preserves linear contact throughout 7° varus/valgus.

The Latitude® Total Elbow Prosthesis has been designed:

- To reproduce anatomy
- To restore normal kinematics
- Flexibility to allow anatomic replication
- Available in specific right and left components
- 4 spool sizes (S,M,L,L+)
- different spool offsets (anterior, centered, posterior)
- 2 ulnar stem designs (standard, short)

Offers two ulnar stem designs depending on patient's elbow. The standard stem is anatomically bowed to fit further into the ulna when additional fixation is desired.

Bipolar radial head implant

Radial component for optimal mechanical balance.

Possibility to maintain the radio-humeral articulation when the alignment is adequate:

- 4 diameters for radial head corresponding to the anatomical spools (0, 18, 20, 22, and 24mm)
- 2 radial stem diameters (5mm and 6.5mm).
- Radio-humeral and radio-ulnar contact surfaces.
- Short radial stem for cemented use.
- Bipolar head +/- 10° ROM.

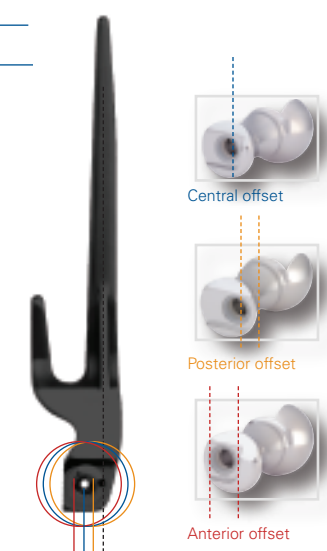


Latitude restores flexion-extension axis

A unique modular spool design to duplicate the patient's natural flexion/extension axis.

The modular spool and the ulnar polyethylene design and thickness have been optimized:

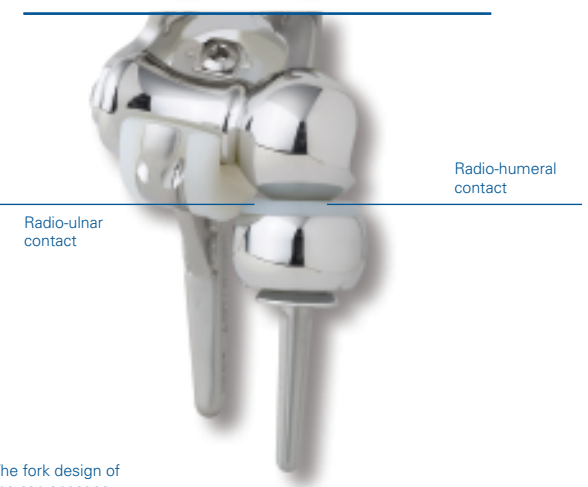
- To allow a better anatomic distribution of joint reactive forces
- To reproduce the normal 7° varus/valgus laxity
- To preserve the linear prosthetic bearing surfaces



Central offset

Posterior offset

Anterior offset



Radio-humeral contact

Radio-ulnar contact

Intraoperative flexibility to link or unlink

The decision to use the implant in linked or unlinked mode is made intraoperatively following the examination of the surrounding soft tissue and the ligaments.

Unique locking mechanism ensures proper component capture.

A **minimally invasive incision** allows future transformation of the prosthesis from unlinked to linked if desired.

Notches on the stem improve cement fixation



Anterior fin to prevent intramedullary rotation.

The fork design of the cap engages easily and accurately with the ulnar stem

Precision step by step

The Latitude® instruments are designed to offer a reproducible step by step procedure.

Each jig uses anatomic landmarks and references the flexion-extension axis to ensure the replication of the natural anatomy.

Anatomically correct sizing ensures anatomic replication.