

**B** I O T E K



**OSTEOTOMY**



Biotek is a global medical device company with a strong focus on new product development in the most advanced orthopedic sector: SPORTS MEDICINE

Biotek continues to experience unprecedented growth and demand for our products throughout the world; we currently have presence in all six continents around the world. However, Biotek remains a privately held company with a family business culture committed to delivering uncompromising quality to the health care professionals who use our products, and ultimately, the millions of patients whose lives we impact.

year founded  
**2003**



**40+**  
countries  
our products are  
used in



**100+**  
Sales partners  
globally



BIOTEK



# BIOFIX™-NP

(Variable Angle – Narrow Profile)

# OSTEOTOMY

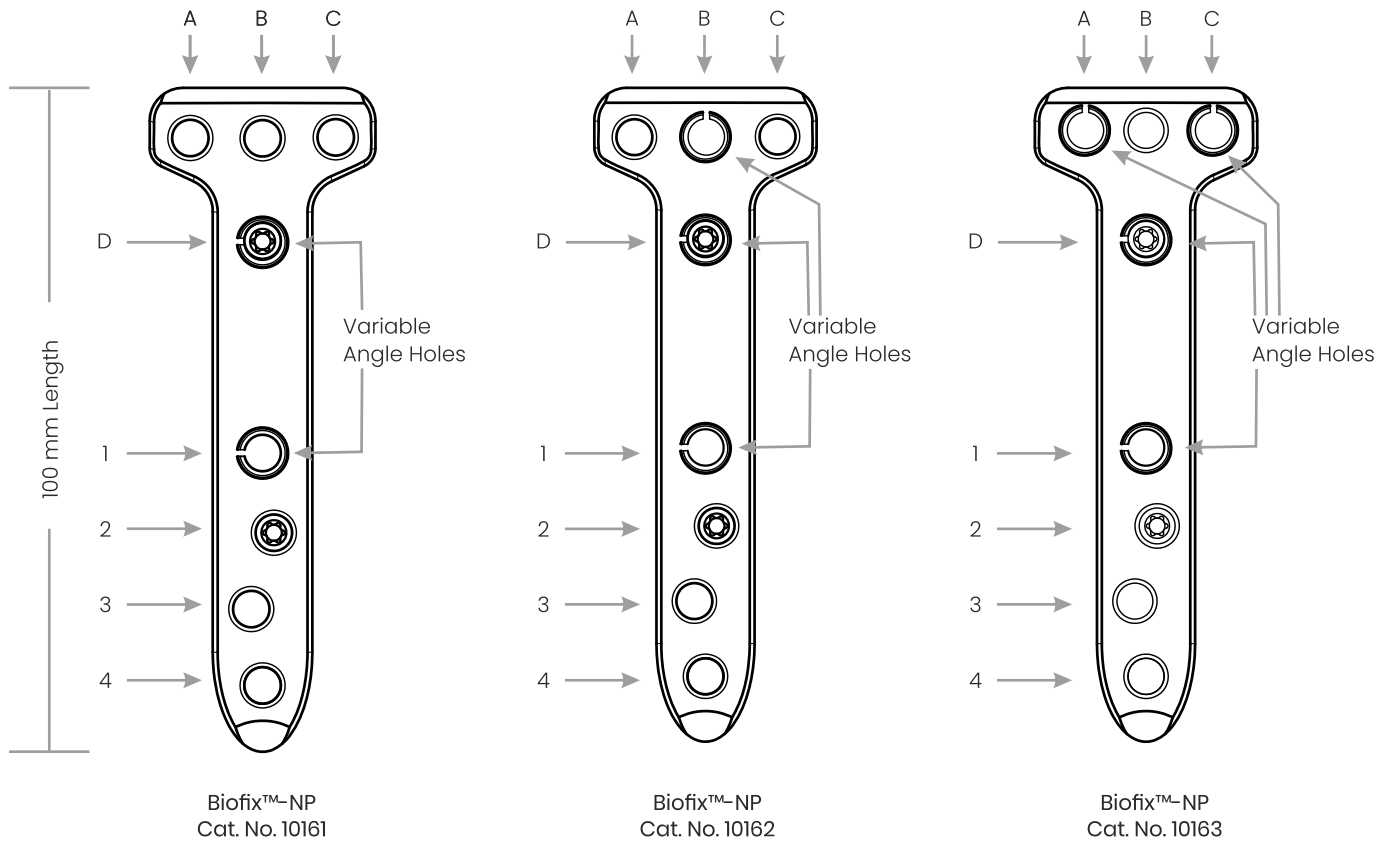


- Anatomically designed low profile plate minimizes the need for intraoperative contouring and prevents soft tissue irritation due to hardware prominence.
  - The tapered bevelled plate end facilitates minimally invasive insertion.
  - The solid midsection provides the strength necessary to support the osteotomy gap.
  - Plates are not side-specific and can be used for the left or right tibia.
  - Use of Locking Head Screws provides angular stability.
  - Spacers ensure adequate distance between the plate and the periosteum and pes tendons. This preserves the vascularity and pes irritation.
- 
- Variable angles facilitates redirection of screws without adversely affecting the locking performance of that screw. The locking screws in this system can be angled up to 15 degrees off-center
  - The screw holes are numbered from A-D being proximal and 1-4 being distal to osteotomy
  - 10° downslope in the holes A/B/C fixed angle ensures the screws are directed distally from the joint.
  - The System has three different types of plates to address three indications:
    - High Tibial Osteotomy
    - ACL Reconstruction with HTO
    - Medial Meniscus Posterior Root Repair with HTO
  - Hole numbers D & 1 are variable angled in all the three plates.
  - A variable hole no. D allows the screw to be directed as desired due to the small bone in the proximal segment of the osteotomy.
  - A variable hole no. 1 allows placement of hinge compression cortex screw and later change to a locking head screw in a different angle.
  - The Biofix™-NP (Cat. No. 10162) plate has additional variable angle hole no. B. This is to prevent tunnel coalition between the ACL tibial tunnel and the screw.
  - The Biofix™-NP (Cat. No. 10163) plate has additional variable angle hole nos. A and C. This is to prevent tunnel coalition between the medial meniscus trans-tibial repair tunnel and the screw.
  - Material: Titanium.

# BIOFIX™-NP

Variable Angle

# OSTEOTOMY



## ORDERING INFORMATION

### BIOFIX™-NP HIGH TIBIAL OSTEOTOMY PLATE, TITANIUM, STERILE

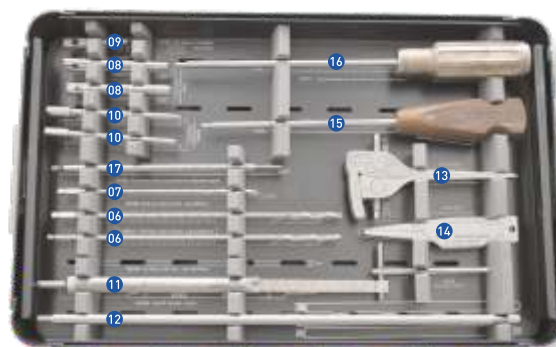
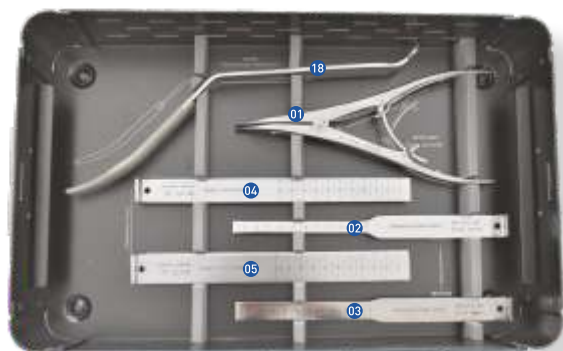
|       |   |
|-------|---|
| 10161 | Biofix™-NP locking osteotomy plate len. 100mm, 4 holes ( Two variable angle )   |
| 10162 | Biofix™-NP locking osteotomy plate len. 100mm, 4 holes ( Three variable angle ) |
| 10163 | Biofix™-NP locking osteotomy plate len. 100mm, 4 holes ( Four variable angle )  |

### LOCKING HEAD BONE SCREW (STARDRIVE) DIA. 5.0MM, TITANIUM, STERILE

| Cat. No. | Screw Len. (mm) | Cat. No. | Screw Len. (mm) | Cat. No. | Screw Len. (mm) | Cat. No. | Screw Len. (mm) |
|----------|-----------------|----------|-----------------|----------|-----------------|----------|-----------------|
| 10164    | 20              | 10170    | 32              | 10176    | 44              | 10182    | 65              |
| 10165    | 22              | 10171    | 34              | 10177    | 46              | 10183    | 70              |
| 10166    | 24              | 10172    | 36              | 10178    | 48              | 10184    | 75              |
| 10167    | 26              | 10173    | 38              | 10179    | 50              | 10185    | 80              |
| 10168    | 28              | 10174    | 40              | 10180    | 55              | 10186    | 85              |
| 10169    | 30              | 10175    | 42              | 10181    | 60              | 10187    | 90              |

### CORTEX SCREW (STARDRIVE) DIA. 4.5MM, TITANIUM, STERILE

| Cat. No. | Screw Len. (mm) | Cat. No. | Screw Len. (mm) | Cat. No. | Screw Len. (mm) | Cat. No. | Screw Len. (mm) |
|----------|-----------------|----------|-----------------|----------|-----------------|----------|-----------------|
| 10188    | 26              | 10191    | 32              | 10194    | 38              | 10197    | 44              |
| 10189    | 28              | 10192    | 34              | 10195    | 40              | 10198    | 46              |
| 10190    | 30              | 10193    | 36              | 10196    | 42              | 10194    | 48              |
|          |                 |          |                 |          |                 | 10200    | 50              |



|    |          |  |
|----|----------|--|
| 01 | BITO-001 | Bone Spreader  |
| 02 | BITO-002 | Osteotomy Chisel, 10mm                               |
| 03 | BITO-003 | Osteotomy Chisel, 15mm                               |
| 04 | BITO-004 | Osteotomy Chisel, 20mm                               |
| 05 | BITO-005 | Osteotomy Chisel, 25mm                               |
| 06 | 10147    | Drill Bit, Dia. 4.3mm, Len. 220mm                    |
| 07 | 10146    | Drill Bit, Dia. 3.2mm, Len. 150mm                    |
| 08 | 10150    | Drill Sleeve, Threaded Dia. 4.3mm                    |
| 09 | 10149    | Drill Sleeve, Threaded Dia. 3.2mm                    |
| 10 | 10148    | Internal Sleeve, Dia. 1.8mm                          |
| 11 | BITO-011 | Depth Gauge, Large                                   |
| 12 | BITO-016 | Alignment Rod, Male/Female                           |
| 13 | BITO-020 | BIOFIX™ Osteotomy Jack II                            |
| 14 | BITO-023 | Gap Measuring Device                                 |
| 15 | 10151    | Screwdriver, Star Driver, for 4.5/5.0mm Screw        |
| 16 | 10152    | Torque Screwdriver, Star Driver, for 4.5/5.0mm Screw |
| 17 | 10153    | Screwdriver Shaft, Star Driver, for 4.5/5.0mm Screw  |
| 18 | 10205    | Tibial Retractor, Radiolucent                        |
| 19 | 10209    | Graphic Case for BioFix™-NP HTO Instruments Set      |

Note: Allen Key SW3.5 added with BITO-020 (For Osteotomy Jack) - 1Pc

10215 Threaded Guidewire Dia. 1.8mm, Len. 230mm (Pack of 2 in 1)

10216 K-Wire, Dia. 1.8mm, Len. 230mm (Pack of 4 in 1)


Note: 10215 & 10216 is supplied compulsorily in a sterile pack with screws.



**BIOTEK - CHETAN MEDITECH PVT. LTD.**

MD-04, Sanand GIDC-II,  
Ahmedabad, Gujarat-382110. India.

Email: [contact@biotekortho.com](mailto:contact@biotekortho.com)

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