

# Infinite Possibilities of Repair Mastery



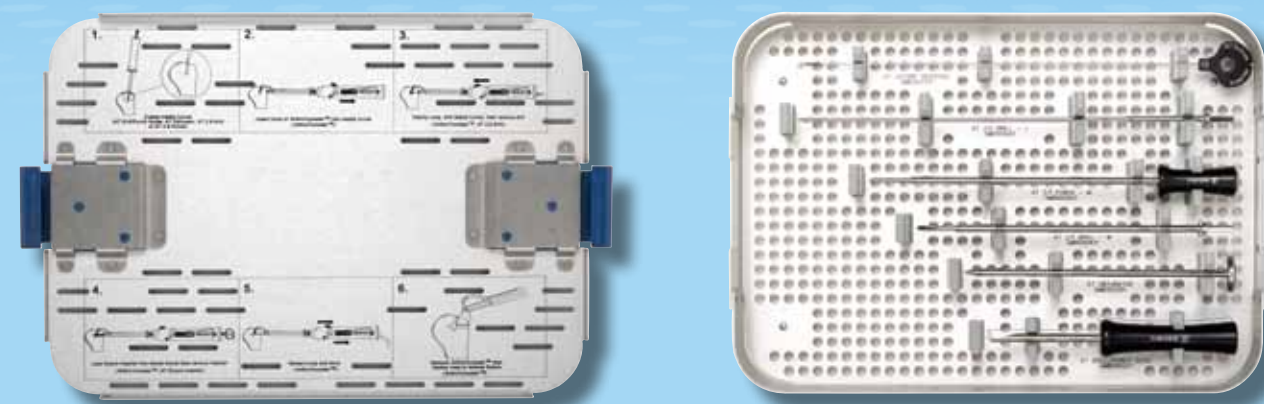
The Only Limitation is Imagination



TORNIER 

## The Complete ArthroTunneler™ System

The ArthroTunneler™ Instrument Tray includes six reusable tools that are designed for both arthroscopic and open repairs.



### Ordering Information

ArthroTunneler™ Arthroscopic Transosseous Tunneling System

CAT#	Description	CAT#	Description
SMB000101	ArthroTunneler™ - (Sterile, Single Patient Use)	SMB000601	ArthroTunneler™ - 2.5mm Drill - L
SMB000201	ArthroTunneler™ - Drill/Punch Guide	SMB000701	ArthroTunneler™ - Suture Inserter
SMB000301	ArthroTunneler™ - Obturator	SMB000801	ArthroTunneler™ - Tray Base
SMB000401	ArthroTunneler™ - 2.9mm Drill - M	SMB000901	ArthroTunneler™ - Tray Lid
SMB000501	ArthroTunneler™ - 2.9mm Punch - M	SMB000105	ArthroTunneler™ - Instruments and Tray - Complete

### Force Fiber® High Strength Suture

CAT#	Material	Size	Length	Color	Tipped
SMS100901	UHMWPE	Size 2	36 in.	Blue/White Co-braid	YES
SMS101001	UHMWPE	Size 2	36 in.	Black/White Co-braid	YES
SMS101101	UHMWPE	Size 3-4	36 in.	Blue/White Co-braid	YES
SMS101201	UHMWPE	Size 3-4	36 in.	Black/White Co-braid	YES
SMK100101	UHMWPE	Size 2	36 in.	Blue/White Co-braid	NO
SMK100201	UHMWPE	Size 2	36 in.	Black/White Co-braid	NO

Distributed by: Tornier, Inc.  
Edina, MN 55435 +1 888 867 6437 +1 281 494 7900  
www.tornier.com/us  
Tornier is a registered trademark of Tornier, SA.  
ArthroTunneler™ is a trademark of T.A.G. Medical Products Corporation Ltd.  
This product is covered by one or more patents pending in the US and worldwide.  
Force Fiber® is covered by US patent: Force Fiber Patent Pending. Additional patent(s) pending.

CAW-2043 Rev. A



SPORTS MEDICINE

ArthroTunneler™



Arthroscopic Transosseous Rotator Cuff Repair System

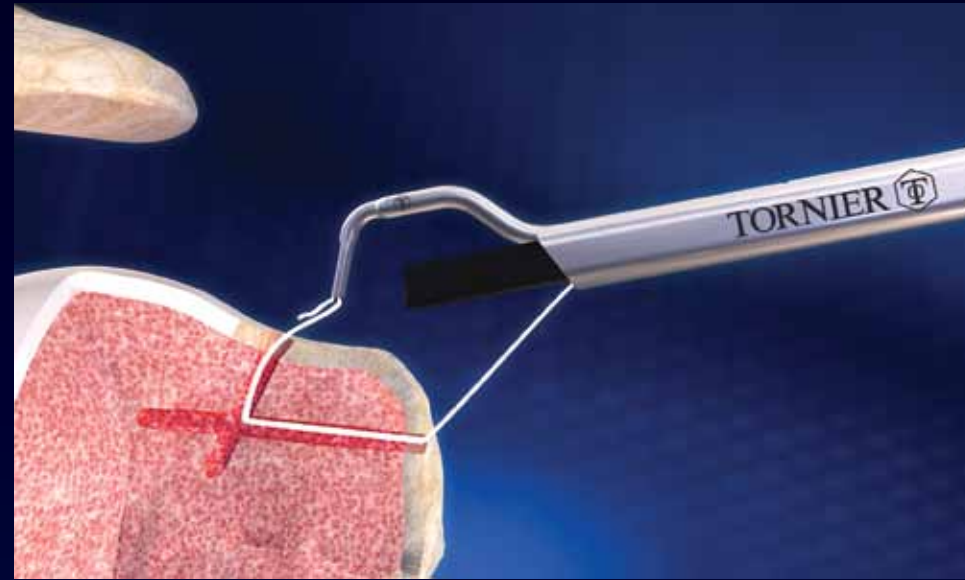
TORNIER 

"The 'gold standard' principles of open transosseous Rotator Cuff repair as described by Dr. Neer allow surgeons to restore Rotator Cuff footprint contact and compression, while enhancing biological healing with bone tunnel marrow elements. The ArthroTunneler™ allows surgeons to perform this same open transosseous repair technique in a minimally invasive all-arthroscopic fashion."

– SUMANT G. "BUTCH" KRISHNAN, M.D.

# Rotator Cuff Repair in its Purest Form

## The ArthroTunneler™ Arthroscopic Transosseous Tunneling Device



The ArthroTunneler™ is the first sterile, single patient use device that enables surgeons to arthroscopically place precise intersecting tunnels and pass multiple sutures through bone with the same instrument to facilitate a complete Arthroscopic Transosseous Rotator Cuff Repair—without anchors.



- True "gold standard" transosseous fixation delivered arthroscopically—not "transosseous equivalent"
- Complete anatomic footprint restoration of the cuff
- Ideal for revision surgery—no implants, just sutures

Streamlined design allows for easy access directly into the shoulder through standard arthroscopy portals without a cannula

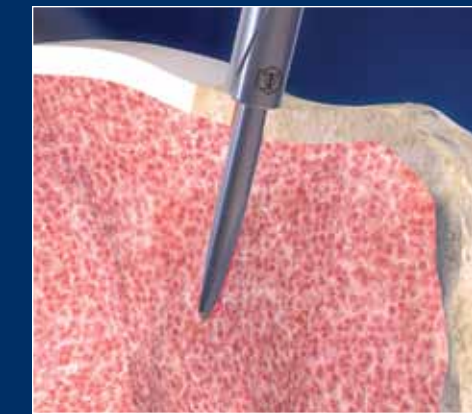
Anatomically designed tip and hook allow tactile feel and reproducible positioning and placement within the tuberosity

Retractable Anvil adapts to patient anatomy

Robust nitinol loop allows reproducible suture passing

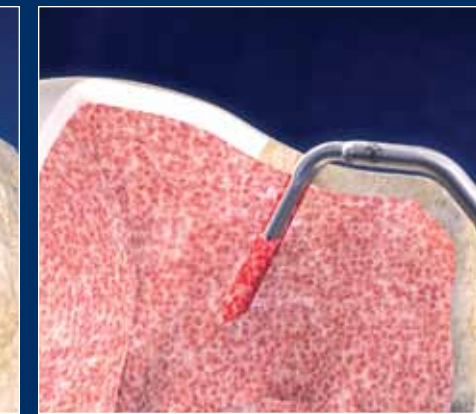
"I have used the ArthroTunneler™ with great success in the arthroscopic repair of both small and large cuff tears, as well as for revision cases. This is a must have for every arthroscopic surgeon's toolbox."

– GARY M. GARTSMAN, M.D.



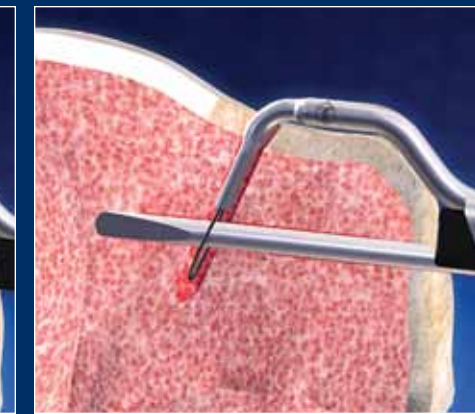
### STEP ONE

Drill medial tunnel(s) to a positive stop using the Drill Guide and 2.9mm Drill - M. Drill additional tunnel(s) at this time depending on the size of tear and type of final repair construct desired.



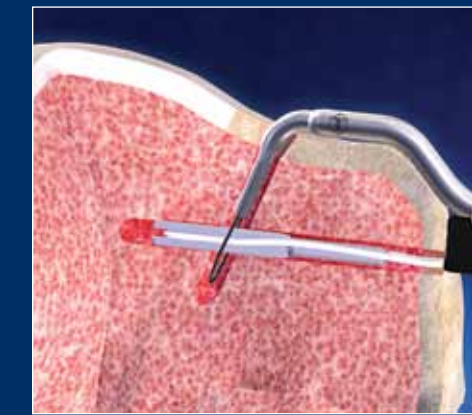
### STEP TWO

Insert tip of the Hook into the medial tunnel until the top bar of the Hook is flush and parallel with the footprint.



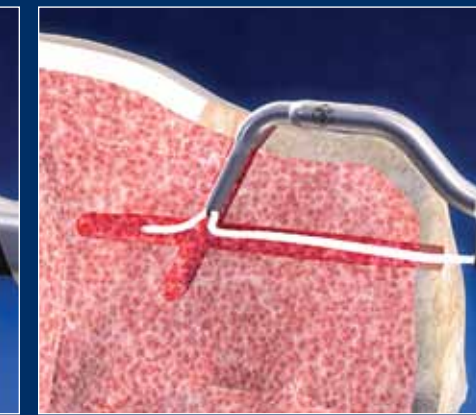
### STEP THREE

Deploy the nitinol Loop into the medial tunnel. Insert the 2.5mm Drill - L through the device and drill through the Loop to a positive stop.



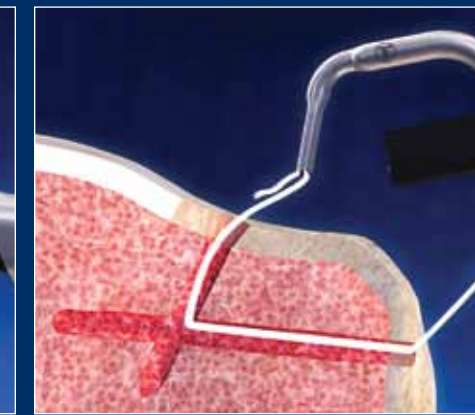
### STEP FOUR

Remove the 2.5mm Drill - L, then replace it with a loaded Suture Inserter.



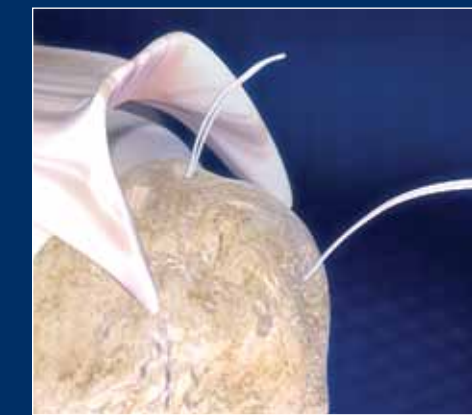
### STEP FIVE

Remove the Suture Inserter, then retrieve the nitinol Loop to capture the suture loop.



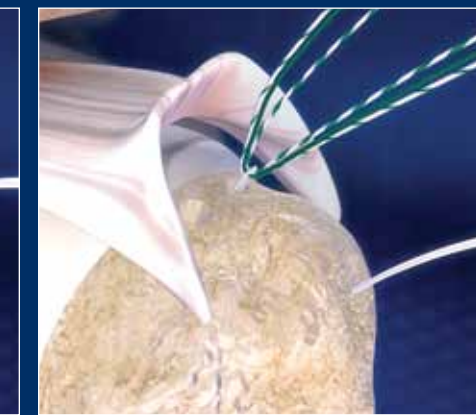
### STEP SIX

Retract the Anvil and remove the ArthroTunneler™ with the attached suture loop from the repair site.



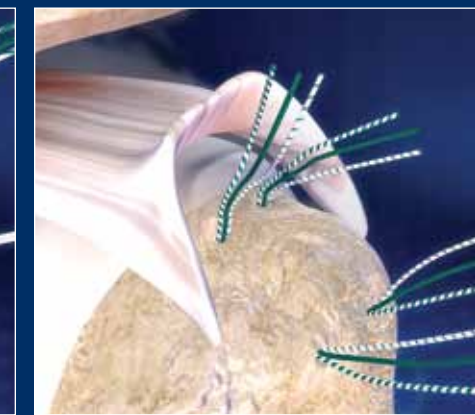
### STEP SEVEN

Remove the suture loop from the ArthroTunneler™ by deploying the nitinol Loop and pulling the device away from the suture.



### STEP EIGHT

Pass the suture loop through the cuff and use it as a definitive repair suture, OR, use the suture loop as a shuttle to pass multiple sutures through the intersecting bone tunnels.



### STEP NINE

Repeat steps #2 through #8 for each additional tunnel. Pass sutures through tendon(s) using desired technique that is applicable to the patient's anatomy. Tie and cut sutures to complete the repair.