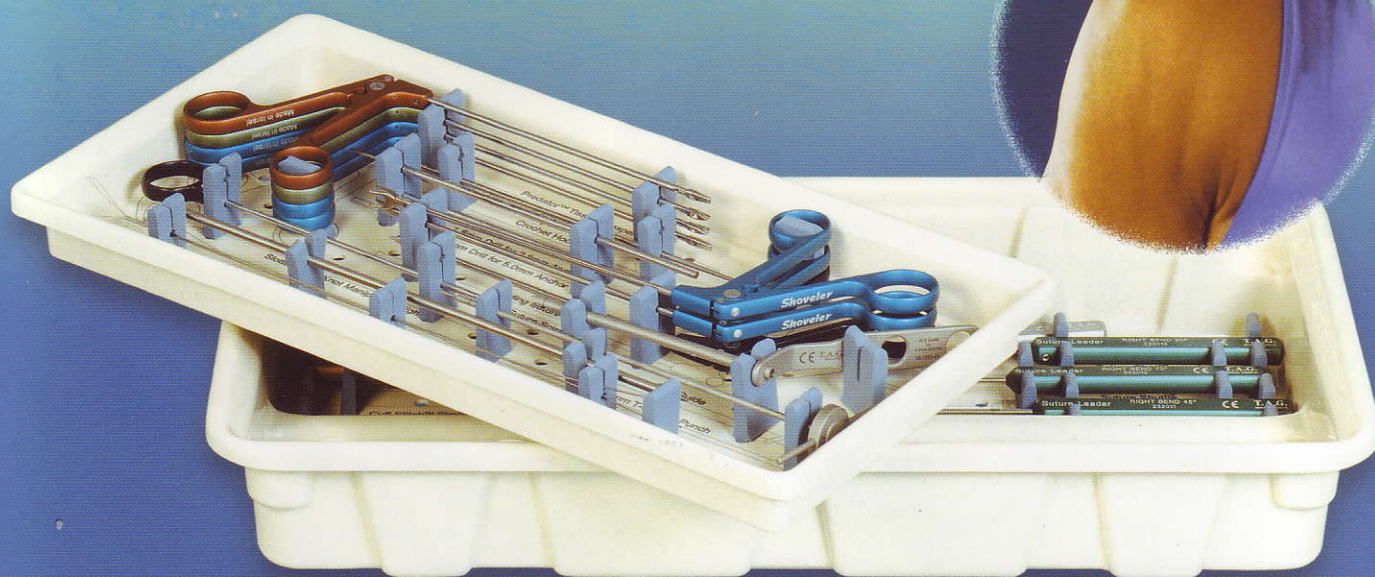


The Complete System for SHOULDER ARTHROSCOPY



Innovative Solutions for Arthroscopists

 **T.A.G.**
MEDICAL PRODUCTS

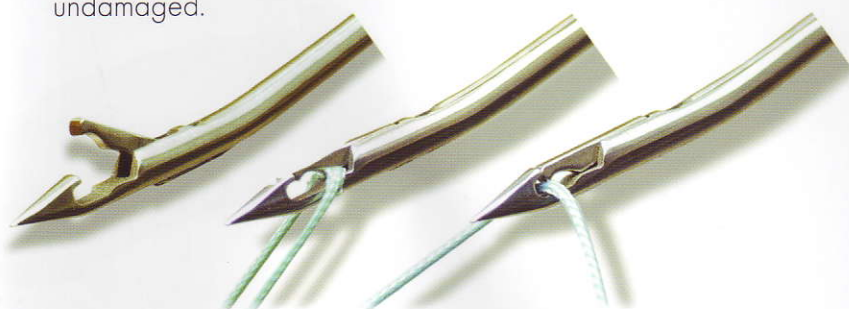
INSTRUMENTS FOR PASSING SUTURE THROUGH TISSUE ARTHROSCOPICALLY

Penetrating Grasper

The Penetrating Grasper is an innovative suture shuttling device which permits to perform several operations with a single instrument.

- To pierce the tissue, grab a suture located behind it and pull it forward.
- To pass a suture held between the jaws through the tissue and release it in it's new position.
- To manipulate the suture either held firmly between the jaws or sliding freely within the round eyelet.

The small diameter tip, the needle-sharp point and the streamlined contour of the instrument ensure that the tissue remains practically undamaged.



Suture Leader

The Suture Leader is a suture-shuttling instrument, designed to facilitate the passing of suture through tissue arthroscopically.

Product Usage and Application:

The Suture Leader is primarily used to pass suture through tissue without the use of a shuttle relay device. With this direct application of the suture, the Suture Leader allows for a wide variety of stitching methods including loop stitches and mattress stitches. The simple solution of "a **needle on a stick**" has finally made arthroscopic suture shuttling easy for all surgeons. The Suture Leader is available in a variety of angles.



INSTRUMENTS TO MOVE AND SEPARATE SUTURES

Suture Manipulator Grasper

The Suture Manipulator Grasper is designed to shuttle suture from portal to portal in preparation for knot tying, as well as isolating a single suture prior to tying the arthroscopic knot. The special design of the tip avoids the risk of damage to the suture.



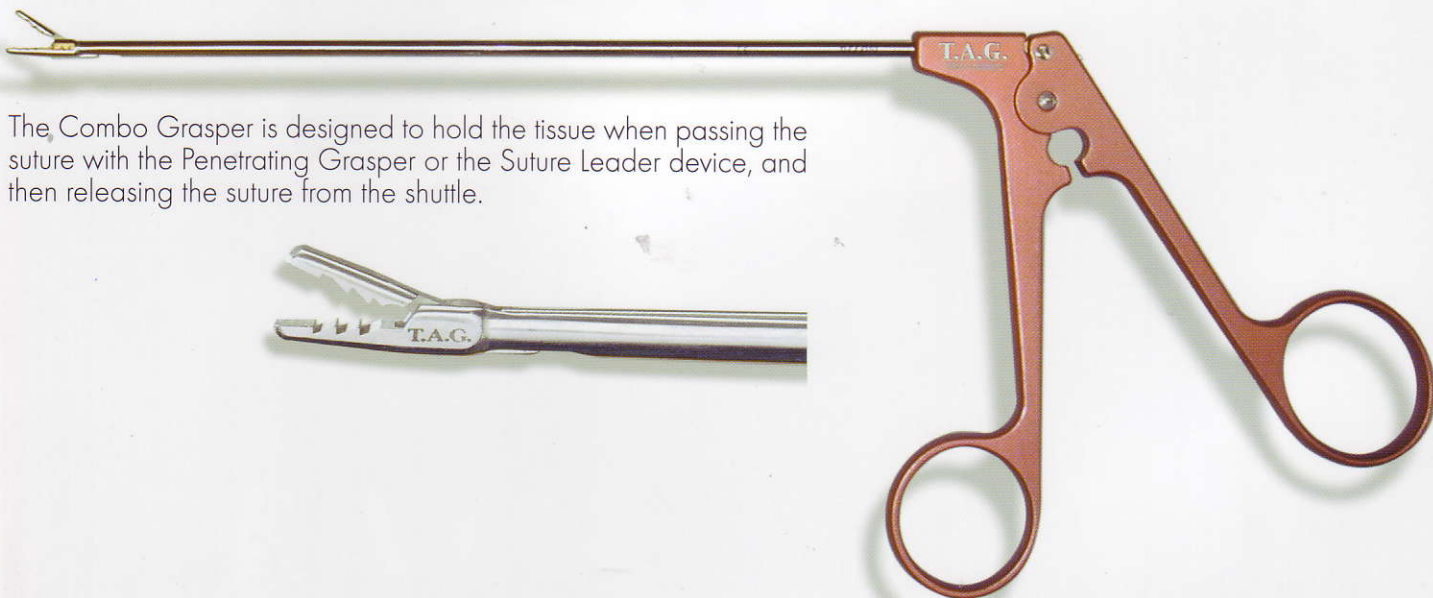
Crochet Hook

The fully rounded and electro polished tip of the Crochet Hook allows a smooth passage of suture through the loop. The Crochet Hook is used to hook or manipulate a single strand of suture within the joint or to shuttle suture from portal to portal.



Combo Grasper

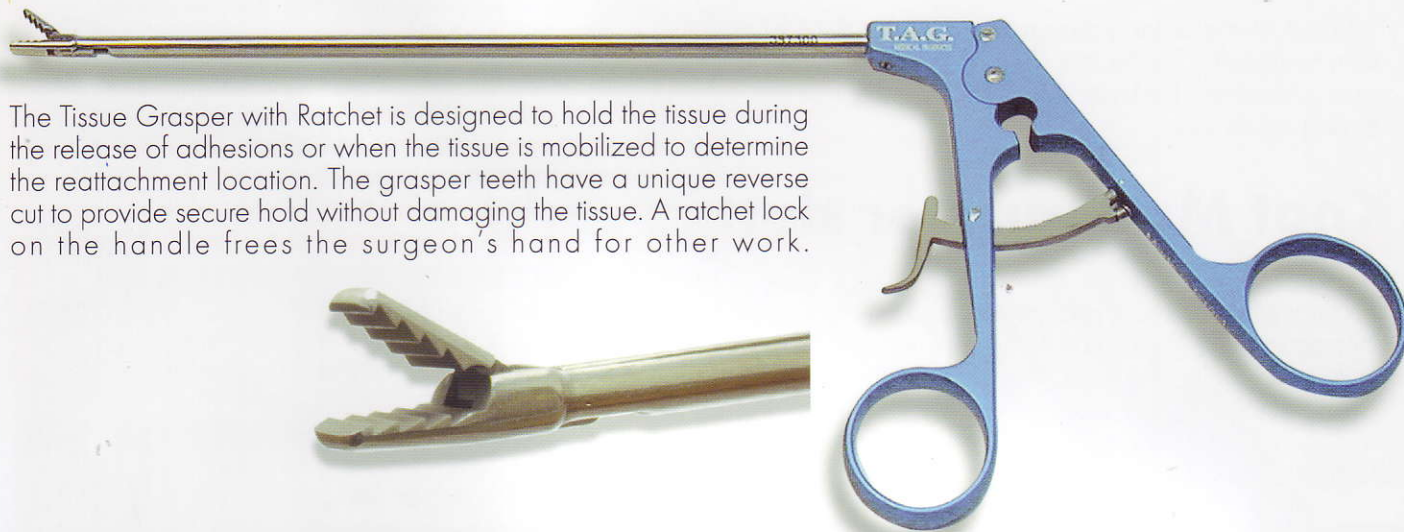
The Combo Grasper is designed to hold the tissue when passing the suture with the Penetrating Grasper or the Suture Leader device, and then releasing the suture from the shuttle.



INSTRUMENTS TO GRASP SOFT TISSUE

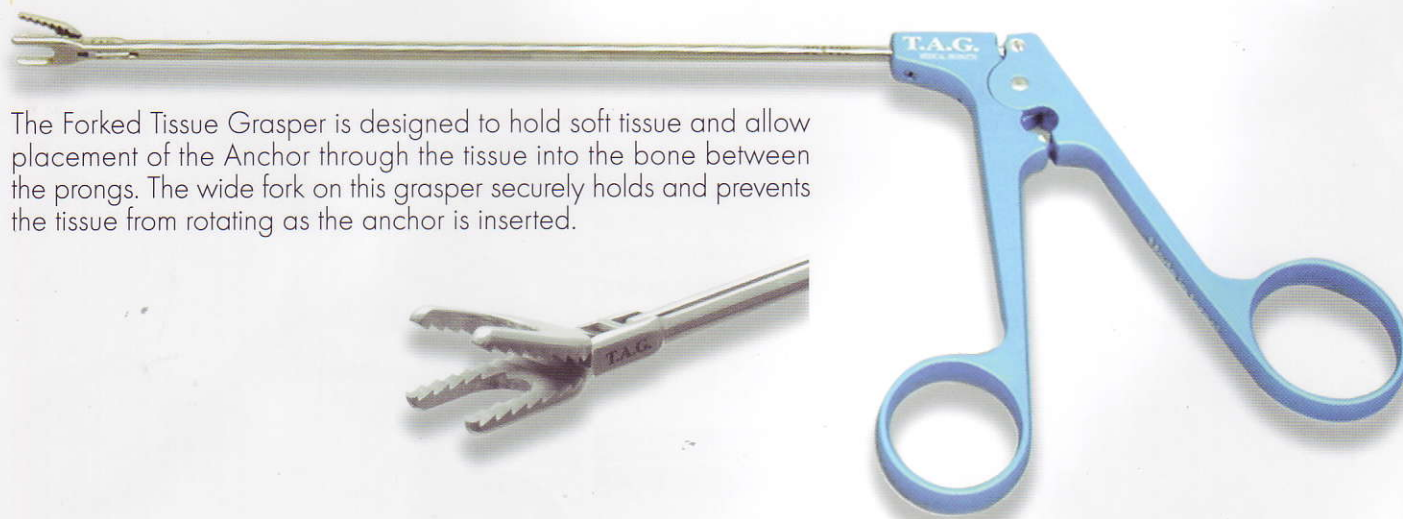
Tissue Grasper with Ratchet

The Tissue Grasper with Ratchet is designed to hold the tissue during the release of adhesions or when the tissue is mobilized to determine the reattachment location. The grasper teeth have a unique reverse cut to provide secure hold without damaging the tissue. A ratchet lock on the handle frees the surgeon's hand for other work.



Forked Tissue Grasper

The Forked Tissue Grasper is designed to hold soft tissue and allow placement of the Anchor through the tissue into the bone between the prongs. The wide fork on this grasper securely holds and prevents the tissue from rotating as the anchor is inserted.



OTHER DEVICES

Switching Stick

For changing cannulas at a portal location or aligning a second portal.



Calibrated Probe

For evaluation of the extent or the boundaries of the tear.



Drills & Drill Guides

Different sizes of Drills and Drill Guides are available to customer's requirements.

INSTRUMENTS FOR TYING KNOTS

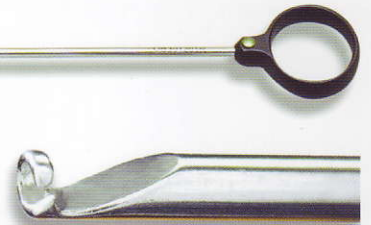
Knot Manipulator full loop

The Knot Manipulator is designed to facilitate tying both sliding and non-sliding knots arthroscopically. The tip is a completely rounded ring that reduces the friction on the suture while sliding the knots. The eyelet of the Knot Manipulator is suited to accommodate varying suture sizes.



Knot Manipulator slotted right

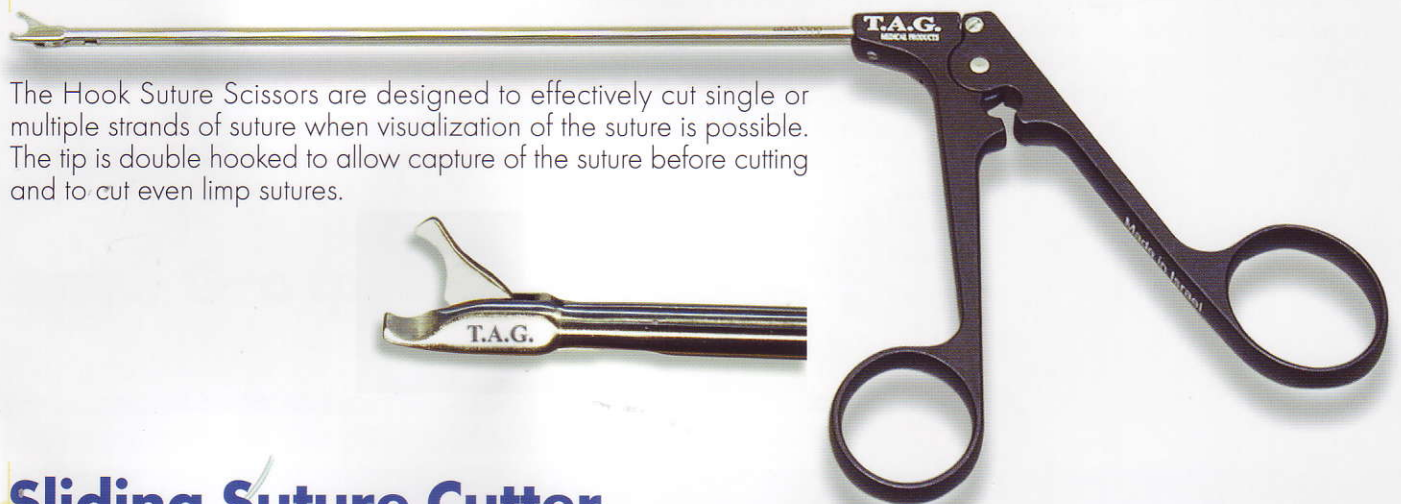
The Knot Manipulator is designed to facilitate tying both sliding and non-sliding knots arthroscopically. The tip is a completely rounded ring that reduces the friction on the suture while sliding the knots. The eyelet of the Knot Manipulator can accommodate varying suture sizes. A slot on the right side of the Knot Manipulator allows easy loading of the suture onto the manipulator. The slot also allows easy retrieval when the knot is misplaced or jammed.



INSTRUMENTS TO CUT SUTURE

Hook Suture Scissors

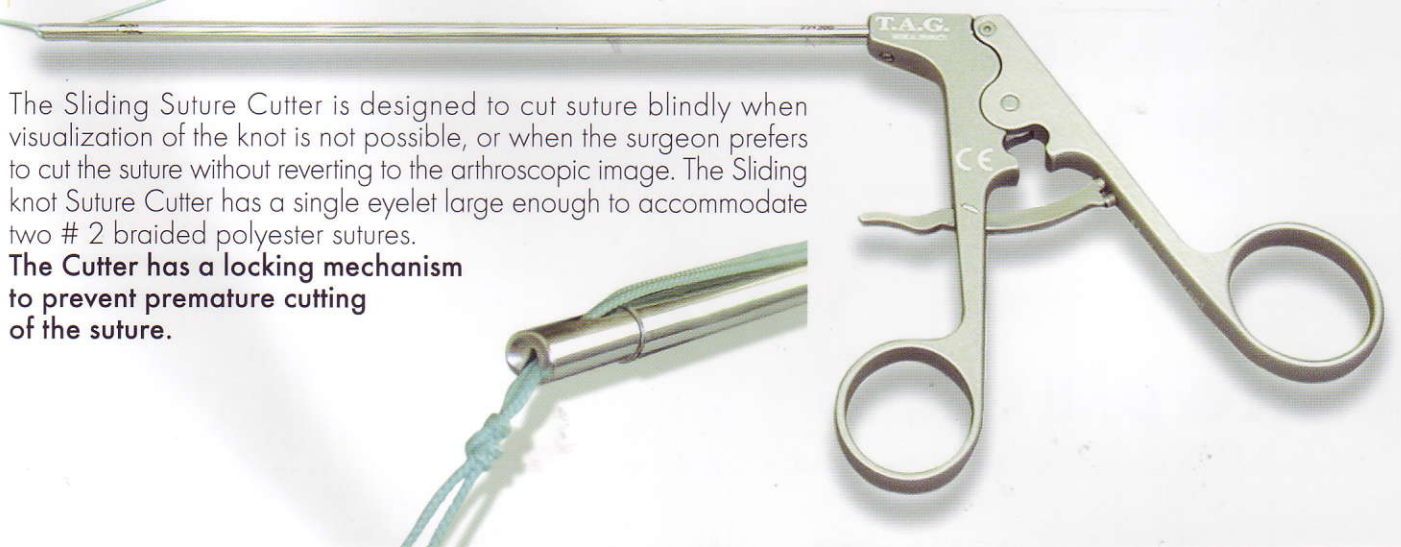
The Hook Suture Scissors are designed to effectively cut single or multiple strands of suture when visualization of the suture is possible. The tip is double hooked to allow capture of the suture before cutting and to cut even limp sutures.



Sliding Suture Cutter

The Sliding Suture Cutter is designed to cut suture blindly when visualization of the knot is not possible, or when the surgeon prefers to cut the suture without reverting to the arthroscopic image. The Sliding knot Suture Cutter has a single eyelet large enough to accommodate two # 2 braided polyester sutures.

The Cutter has a locking mechanism to prevent premature cutting of the suture.



Mini Open Repair

SET FOR ROTATOR CUFF REPAIR

Arthroscopic Repair

Mozes Hook

The Mozes Hook set of instruments for mini-open or arthroscopic rotator cuff repair was developed in cooperation with Dr. Gavriel Mozes. The instruments are used basically for "end to bone" repair of the torn rotator cuff (shoulders) without the use of expensive bone anchors. They can be used for other similar procedures, which need passing suture through bone tunnels in different parts of the body. They are used for passing suture through bone fragments of proximal humeral fractures or epiphyso-metaphysical fracture fragments or of other bones like distal radius, tibial plateau, major trochanter of the femur and others. The Punch Hooks (right, left; small, large) are used to create tunnels in the bone (greater tuberosity) and the Crochet hooks (right, left; small, large) to feed suture through these tunnels for fixation of the tendon to the greater tuberosity.



Ask for Step by Step Procedure Description



T.A.G.
MEDICAL PRODUCTS

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Certified to: ISO 13485:2003



KEMA CERTIFICATE
ISO 13485:2003
DUTCH COUNCIL FOR ACCREDITATION C 015

T.A.G. July 2007

Shoulder Arthroscopy - Product List

Product	Description	Cat #
SIXTER	LEFT	328322
SIXTER	RIGHT	328312
CLEVER HOOK	LEFT	328342
CLEVER HOOK	RIGHT	328332
PENETRATING GRASPER	STRAIGHT	398300
PENETRATING GRASPER	35° UP	398331
PENETRATING GRASPER	45° LEFT	398321
PENETRATING GRASPER	45° RIGHT	398311
SUTURE MANIPULATOR	STRAIGHT	601200
COMBO GRASPER	STRAIGHT	622200
TISSUE GRASPER WITH RATCHET	STRAIGHT	397300
TRIMCORD (Suture Cutter)	STRAIGHT	231200
SLIDING SUTURE CUTTER	STRAIGHT	221200
SUTURE SCISSORS	STRAIGHT	403300
FORKED TISSUE GRASPER	STRAIGHT	394300
SUTURE LEADER	30° LEFT	232023
SUTURE LEADER	45° LEFT	232021
SUTURE LEADER	70° LEFT	232022
SUTURE LEADER	30° RIGHT	232013
SUTURE LEADER	45° RIGHT	232011
SUTURE LEADER	70° RIGHT	232012
SUTURE LEADER	20° UP	232004
SUTURE LEADER	180° LEFT	232028
SUTURE LEADER	180° RIGHT	232018
KNOT MANIPULATOR	FULL LOOP	301200
KNOT MANIPULATOR	SLOTTED RIGHT	301201
CROCHET HOOK	STRAIGHT	201200
CALIBRATED PROBE	STRAIGHT	pb338
SWITCHING STICK	STRAIGHT	900120
RASP	UP	901131
RASP	DOWN	901141
TISSUE LIBERATOR	ATRAUMATIC - UP	902200
TISSUE LIBERATOR	ATRAUMATIC - DOWN	902241
TISSUE LIBERATOR	BLADE - UP	902100
TISSUE LIBERATOR	BLADE - DOWN	902141
MOSES HOOK PUNCH	LARGE RIGHT	832010
MOSES HOOK PUNCH	LARGE LEFT	832020
MOSES HOOK PUNCH	SMALL RIGHT	833010
MOSES HOOK PUNCH	SMALL LEFT	833020
MOSES HOOK CROCHET	LARGE RIGHT	842010
MOSES HOOK CROCHET	LARGE LEFT	842020
MOSES HOOK CROCHET	SMALL RIGHT	843010
MOSES HOOK CROCHET	SMALL LEFT	843020