



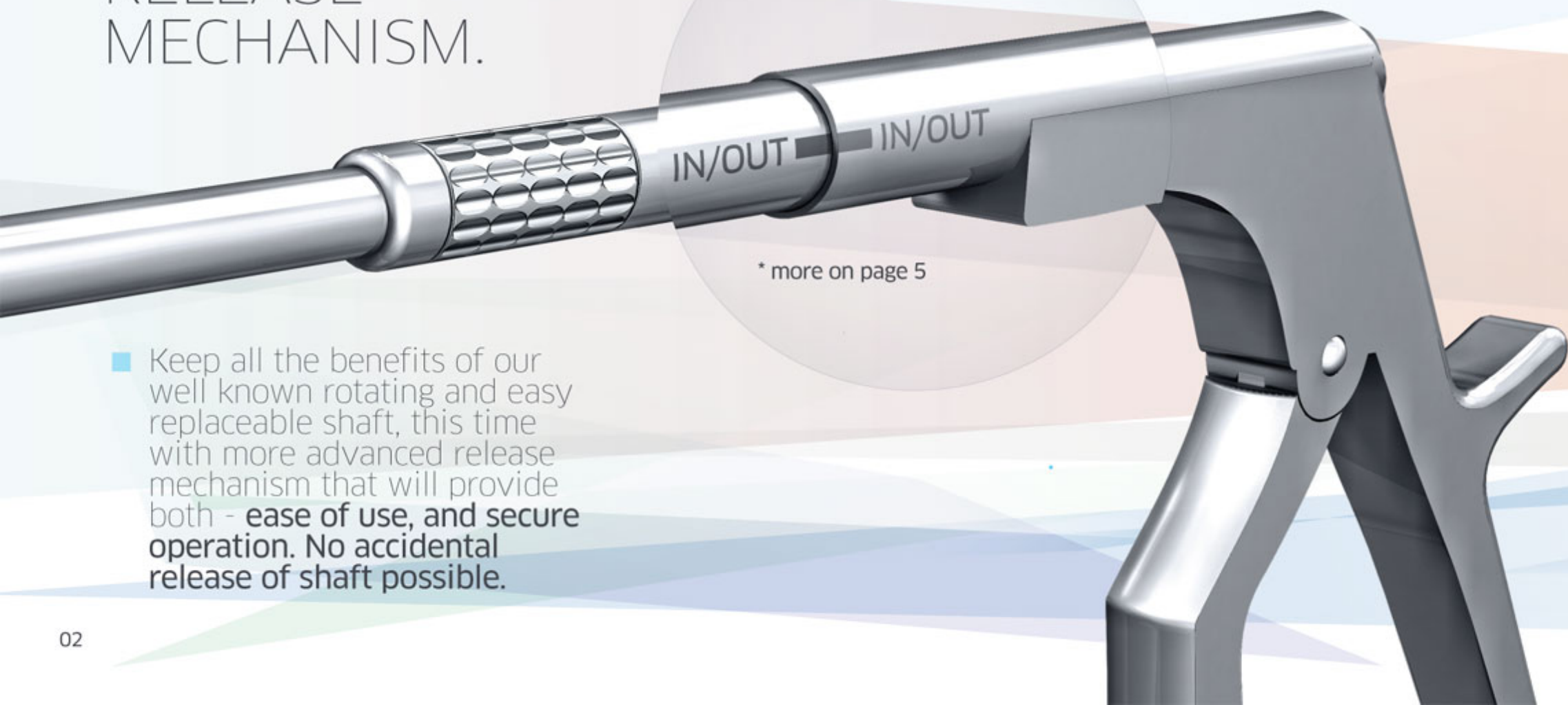
GEBRÜEDER
ZEPF
MEDIZINTECHNIK

SERGEJ SYSTEM

TECHNOLOGY · SIMPLICITY · SOLUTION

NEW, MORE
EFFICIENT, MORE
SECURE SHAFT
RELEASE
MECHANISM.

NEW



* more on page 5

- Keep all the benefits of our well known rotating and easy replaceable shaft, this time with more advanced release mechanism that will provide both - **ease of use, and secure operation. No accidental release of shaft possible.**



- INSTRUCTION
MANUAL

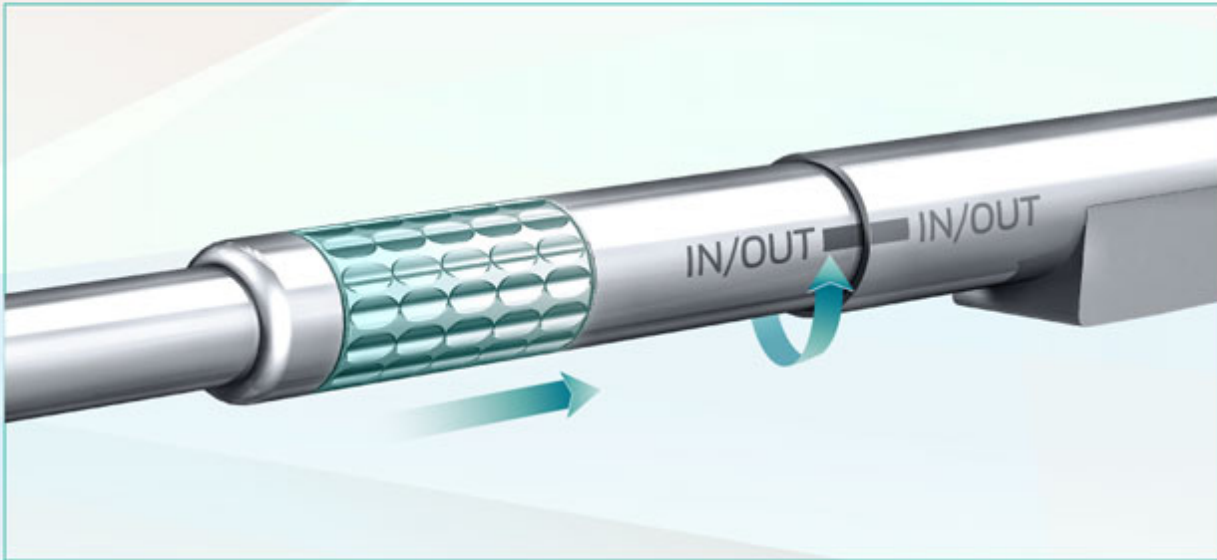


EASY CONVERTIBLE SHAFT ANGLE

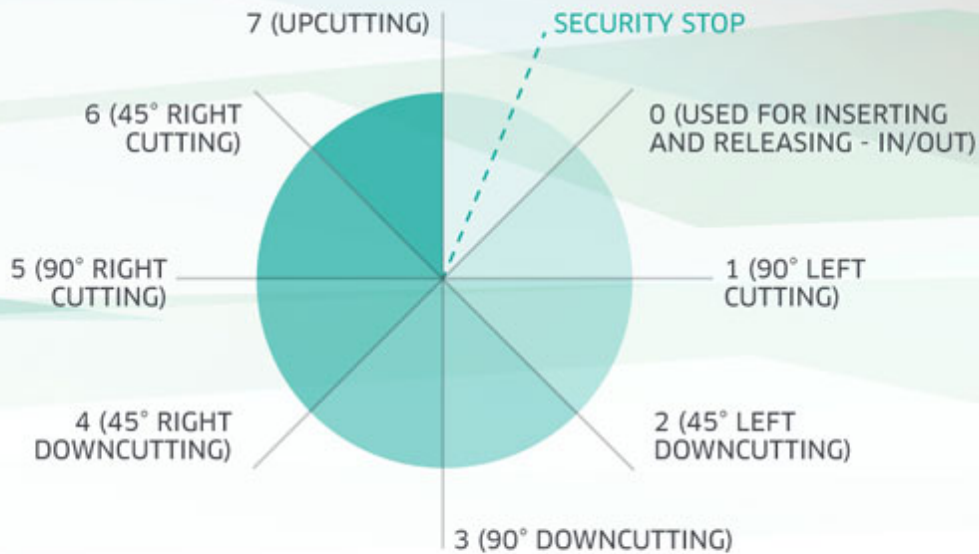
SERGEJ SYSTEM PUNCHES CAN BE SET IN 7 DIFFERENT POSITIONS (45 DEGREE STEPS). THIS ENABLES THAT THE SURGEON'S HAND ALWAYS REMAINS IN THE SAME POSITION WHILE THE DESIRED ANGLES ARE REACHED BY THE ROTATION OF THE SHAFT. THE HANDLE WILL NOT DISTURB THE SURGEON ON OPERATING OR LIMIT THEIR VIEW.

1. Sergej System punches are in the primary position. Hold the handle free to move in one hand and place the fingertips of the other hand on the serrations of the shaft.
2. Pull the serrated part backwards to depress the spring and to enable the rotation of the shaft to the preferred position (it's turnable in both directions).
3. Hold the shaft in the backward position and commence the rotation in the preferred direction.
4. When you bring the shaft into the desired position, release the spring to set the shaft in one of the seven working positions. The shaft is fixed and the Sergej System punches are ready to be used.

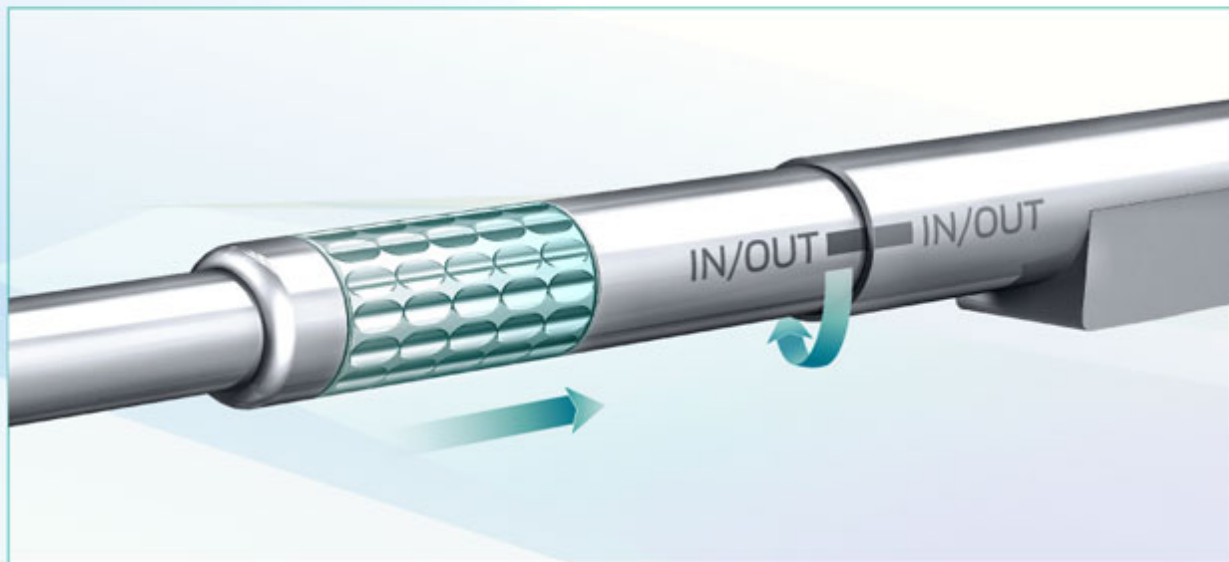
RELEASING SHAFT



Pull the serrated part backwards and rotate the shaft towards the security stop to match the lines marked on both parts (handle and shaft).

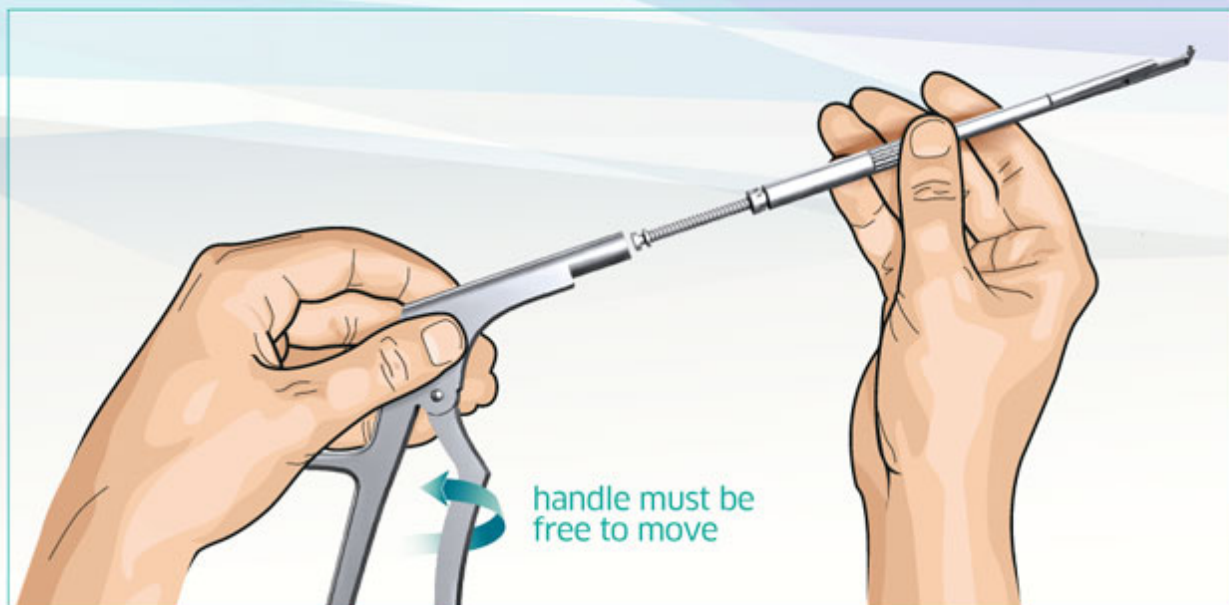


In order to prevent accidental shaft release, this procedure will work only in one direction. As you can see in this diagram "security stop" between positions 7 and 0 will prevent further shaft rotation and you will not be able to turn the shaft further.



INSERTING SHAFT

Slide the shaft back into the handle and match the lines on both parts. Pull the serrated part backwards and rotate the shaft to desired position (1-7). Please note that you have to rotate the shaft away from "security stop", same as for releasing the shaft.

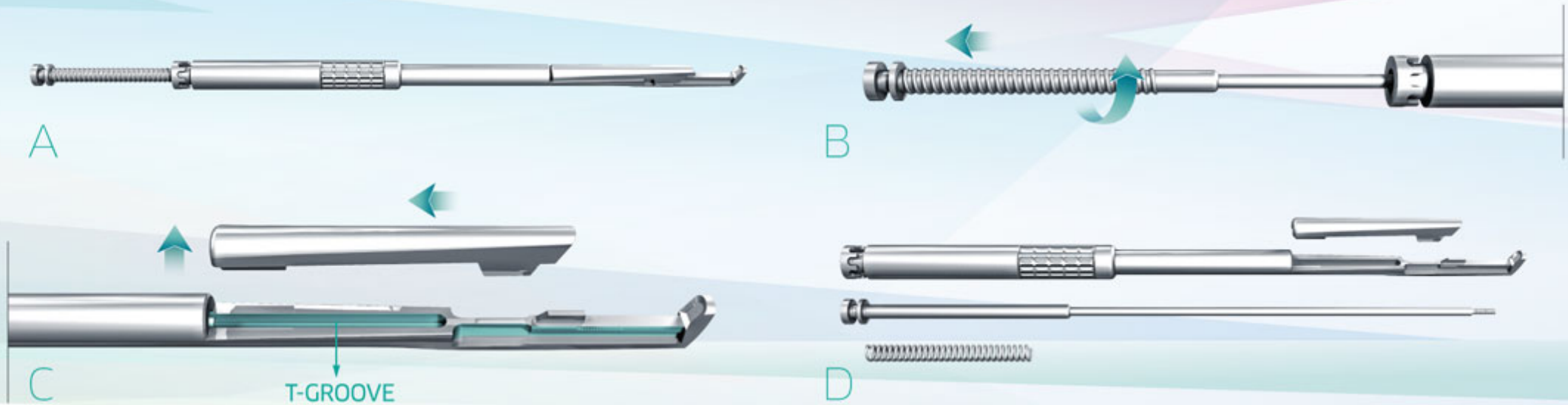


When inserting shaft into handle, you have to make sure that moving handle is free to move.

Otherwise, the mechanism will not function!

* For detailed information regarding training, and available additional instruction, see the contacts on the back cover of this brochure.

EXTREMELY EASY TO CLEAN



OUR TESTS HAVE SHOWN THAT PERSONNEL, OF ALL PROFILES AND EDUCATION LEVELS, QUICKLY LEARNS THE TECHNIQUE OF DISSEMBLING AND RE-ASSEMBLING THE DEVICE.

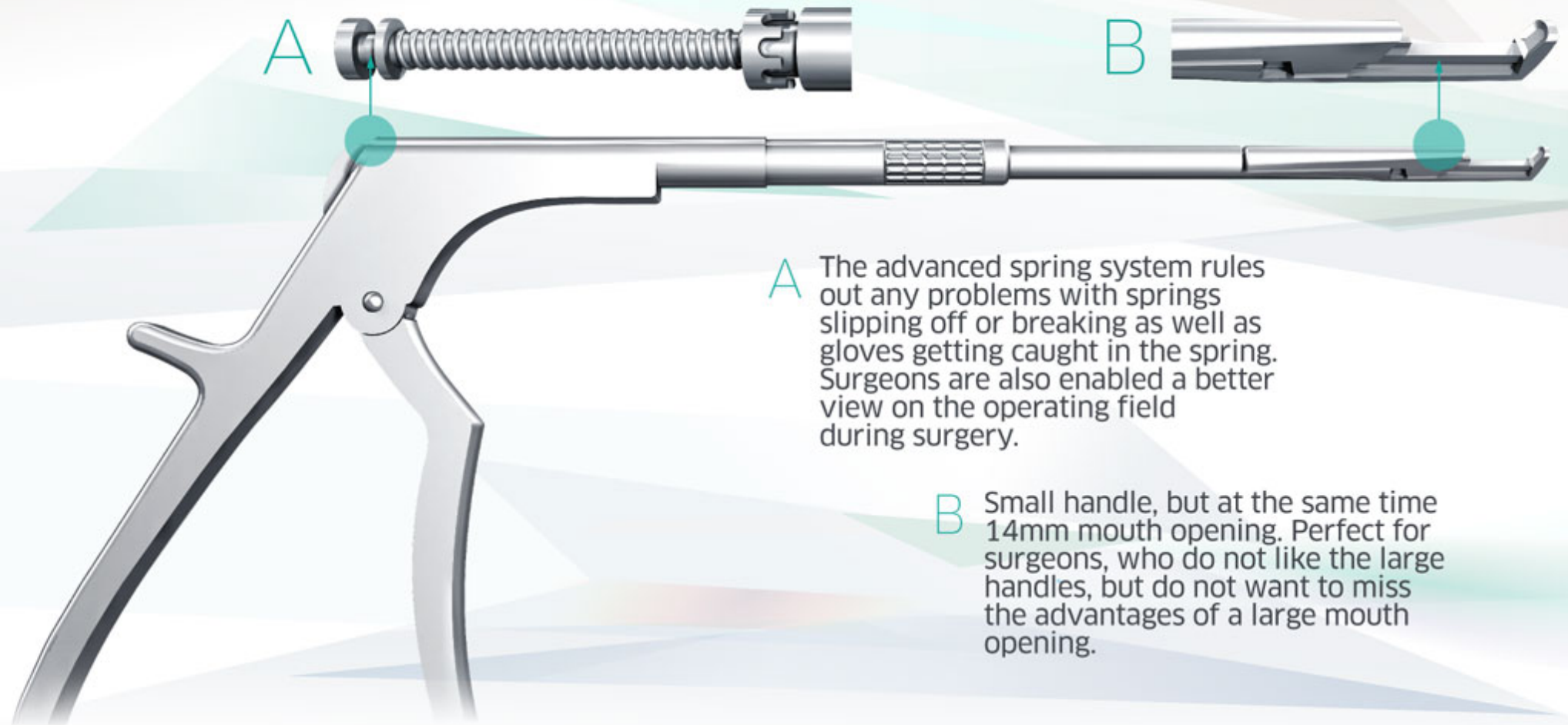
A Once the shaft is pulled out you can easily recognize the 4 parts on it that must be dismantled for sterilization.

B The shaft is secured by the spring system. After it is unscrewed you can easily disunite the lower and upper shaft.

C The shafts can not be separated while the upper shaft is in forward position. Slide back the upper shaft towards the edge on the lower shaft and pull it upwards. Then you can lift the upper shaft out of the T-groove.

D When the sterilization process is completed the parts are easily reassembled according to the previous instructions.

TECHNOLOGY. SIMPLICITY. SOLUTION.



A The advanced spring system rules out any problems with springs slipping off or breaking as well as gloves getting caught in the spring. Surgeons are also enabled a better view on the operating field during surgery.

B Small handle, but at the same time 14mm mouth opening. Perfect for surgeons, who do not like the large handles, but do not want to miss the advantages of a large mouth opening.

SERGEJ SYSTEM

ITEM No. HANDLE	DESCRIPTION	LENGTH	EJECTOR	THIN FOOTPLATE
52-401-00	Handle SERGEJ System			
SHAFTS				
52-401-01/18TP/PF	SERGEJ Shaft, ejector, thin footplate,18cm,1mm,40°	18cm	YES	YES
52-401-02/18TP/PF	SERGEJ Shaft, ejector, thin footplate,18cm,2mm,40°	18cm	YES	YES
52-401-03/18TP/PF	SERGEJ Shaft, ejector, thin footplate,18cm,3mm,40°	18cm	YES	YES
52-401-04/18TP/PF	SERGEJ Shaft, ejector, thin footplate,18cm,4mm,40°	18cm	YES	YES
52-401-05/18TP/PF	SERGEJ Shaft, ejector, thin footplate,18cm,5mm,40°	18cm	YES	YES
52-401-01TP/PF	SERGEJ Shaft, ejector, thin footplate,20cm,1mm,40°	20cm	YES	YES
52-401-02TP/PF	SERGEJ Shaft, ejector, thin footplate,20cm,2mm,40°	20cm	YES	YES
52-401-03TP/PF	SERGEJ Shaft, ejector, thin footplate,20cm,3mm,40°	20cm	YES	YES
52-401-04TP/PF	SERGEJ Shaft, ejector, thin footplate,20cm,4mm,40°	20cm	YES	YES
52-401-05TP/PF	SERGEJ Shaft, ejector, thin footplate,20cm,5mm,40°	20cm	YES	YES
52-401-01/23TP/PF	SERGEJ Shaft, ejector, thin footplate,23cm,1mm,40°	23cm	YES	YES
52-401-02/23TP/PF	SERGEJ Shaft, ejector, thin footplate,23cm,2mm,40°	23cm	YES	YES
52-401-03/23TP/PF	SERGEJ Shaft, ejector, thin footplate,23cm,3mm,40°	23cm	YES	YES
52-401-04/23TP/PF	SERGEJ Shaft, ejector, thin footplate,23cm,4mm,40°	23cm	YES	YES
52-401-05/23TP/PF	SERGEJ Shaft, ejector, thin footplate,23cm,5mm,40°	23cm	YES	YES
52-401-01/25TP/PF	SERGEJ Shaft, ejector, thin footplate,25cm,1mm,40°	25cm	YES	YES
52-401-02/25TP/PF	SERGEJ Shaft, ejector, thin footplate,25cm,2mm,40°	25cm	YES	YES
52-401-03/25TP/PF	SERGEJ Shaft, ejector, thin footplate,25cm,3mm,40°	25cm	YES	YES
52-401-04/25TP/PF	SERGEJ Shaft, ejector, thin footplate,25cm,4mm,40°	25cm	YES	YES
52-401-05/25TP/PF	SERGEJ Shaft, ejector, thin footplate,25cm,5mm,40°	25cm	YES	YES
52-401-01/28TP/PF	SERGEJ Shaft, ejector, thin footplate,28cm,1mm,40°	28cm	YES	YES
52-401-02/28TP/PF	SERGEJ Shaft, ejector, thin footplate,28cm,2mm,40°	28cm	YES	YES
52-401-03/28TP/PF	SERGEJ Shaft, ejector, thin footplate,28cm,3mm,40°	28cm	YES	YES
52-401-04/28TP/PF	SERGEJ Shaft, ejector, thin footplate,28cm,4mm,40°	28cm	YES	YES
52-401-05/28TP/PF	SERGEJ Shaft, ejector, thin footplate,28cm,5mm,40°	28cm	YES	YES
52-401-01/30TP/PF	SERGEJ Shaft, ejector, thin footplate,30cm,1mm,40°	30cm	YES	YES
52-401-02/30TP/PF	SERGEJ Shaft, ejector, thin footplate,30cm,2mm,40°	30cm	YES	YES
52-401-03/30TP/PF	SERGEJ Shaft, ejector, thin footplate,30cm,3mm,40°	30cm	YES	YES
52-401-04/30TP/PF	SERGEJ Shaft, ejector, thin footplate,30cm,4mm,40°	30cm	YES	YES
52-401-05/30TP/PF	SERGEJ Shaft, ejector, thin footplate,30cm,5mm,40°	30cm	YES	YES

HISTORY

IN 1949. MORE THAN 50 YEARS AGO, THE COMPANY WAS FOUNDED BY TWO BROTHERS, ERWIN AND JOSEF ZEPF, WHO STARTED PRODUCING SURGICAL INSTRUMENTS IN THE BASEMENT OF THEIR HOUSE.

IN 1951. ALREADY, IT WAS NECESSARY TO EXPAND THE PRODUCTION CAPACITY, AND A NEW BUILDING WAS PUT UP AT THE SAME PLACE THE COMPANY TODAY STILL IS LOCATED. THIS BUILDING WAS EXPANDED IN 1961.

Erwin Zepf continued to run the business alone under the name "Gebrueder Zepf" (meaning "Zepf Bros. "). In 1980, Christoph Zepf, Erwin Zepf's son started his apprenticeship in the company, earning his master craftsman's diploma in 1988.

Christoph Zepf took over the company in 1992 and shortly after introduced the use of CNC technology. Still in the same year, the ISO 9002 certification began. After another expansion in the year 2000, the biggest investment in company history took place in 2002 and 2003, extending the production capacity from 700 sqm to currently 1,000 sqm.

Today the company has 35 employees, 3 of them being apprentices. Gebrueder Zepf is manufacturer of 100 per cent German products. Our name stands for highest quality products and great reliability.

WE ALSO MANUFACTURE
MANY OTHER ITEMS,
SUCH AS: **KERRISON
LAMINECTOMY PUNCHES,**
**IVD RONGEURS, BONE
RONGEURS, EAR FORCEPS.**

Kerrison Laminectomy
Punches



IVD Rongeurs



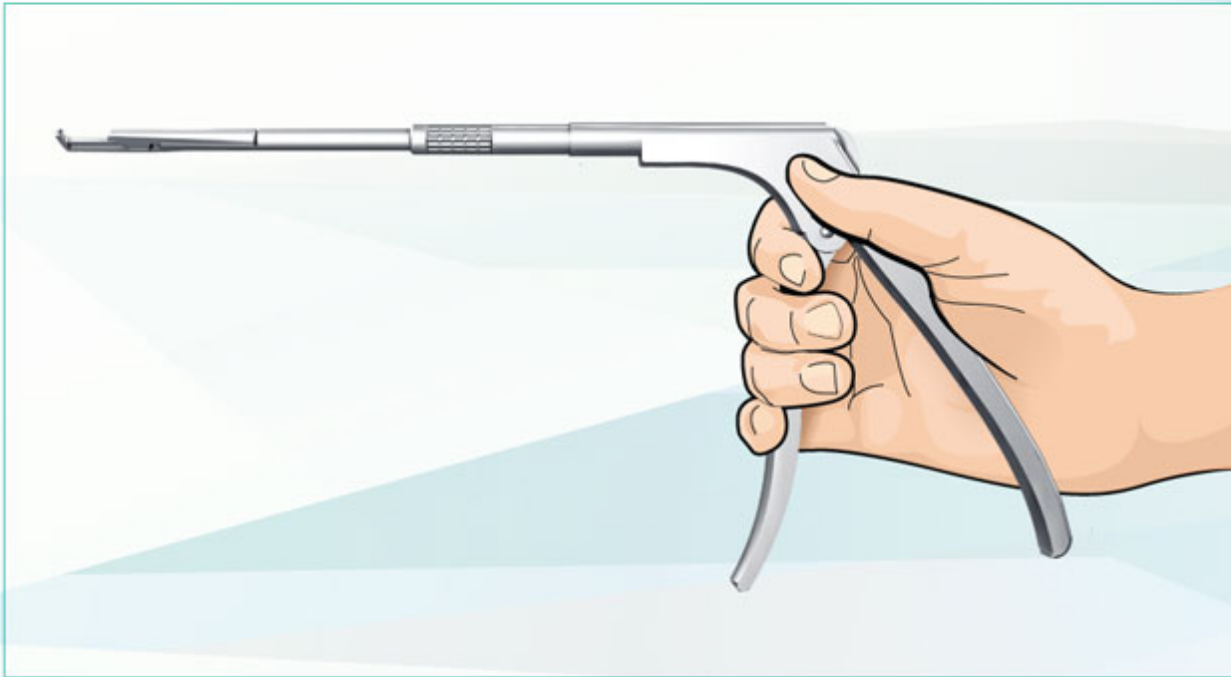
Bone Rongeurs



Ear Forceps



IMPROVING YOUR WORKFLOW



Choose from 7 different biting angles while your hand remains in the same position.