

SilCut® PRO and SilGrasp® PRO

Experience Meets Innovation



The new hand instruments in the SILCUT® PRO and SILGRASP® PRO product lines set new standards in arthroscopic resection and grasping. Furthermore, KARL STORZ CLEANFIT® offers a cleaning concept that is yet another groundbreaking feature for hand instruments in arthroscopy. The combination of utmost precision, state-of-the-art design and an optimal cleaning concept makes these instruments unique.

Precision

- **Sharp cutting due to minimized tolerances**

State-of-the-art, computer-aided manufacturing technology enabled the development of a new SILCUT® PRO cutting geometry for instrument jaws to ensure homogeneous, yet sharply defined resection edges.

- **Optimal combination between cutting force and cutting sensation**

The innovative force transmission offers powerful cutting and ensures homogenous pressure on the target tissue. This provides the surgeon with greater and more precise control of the cutting and grasping processes.

- **Extremely flat instrument jaws**

The extremely flat jaw construction enables satisfactory work in extremely tight joint areas.

- **Various cutting edges for various tissue properties**

A new cutting design with a circumferential cutting edge was created for a particularly even cutting edge, providing the instrument with even more precise cutting properties.

Design

- **Large aperture angle**

The large aperture angle of the instrument jaws allows efficient resection.

- **Optimal surface properties**

The special surface finish ensures a brilliant instrument surface. In conjunction with KARL STORZ FULL HD technology, this provides ideal visualization without disturbing haze effect from the instrument.

- **Functional and ergonomic handle design**

The new handle design enables controlled and fatigue-free work in any instrument position.

- **Improved sheath properties**

More stability thanks to reinforced sheath: Now available with a diameter of 3.5 mm for instruments with a length of 12 cm.



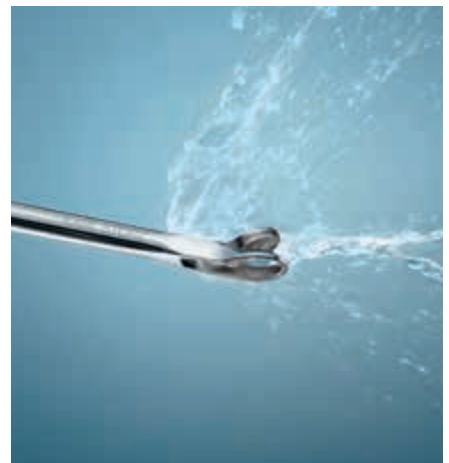


Cleaning



Integrated CLEANFIT® System

The integrated CLEANFIT® system from KARL STORZ offers a unique hygiene concept for easy and efficient instrument cleaning. This irrigation system is another groundbreaking concept for hand instruments in arthroscopy.



Irrigation and cleaning of the instrument lumen is achieved using the familiar LUER-Lock connector. Cleaning is performed from the proximal to the distal end.

New Variants of the SilCut® PRO Punches for large and small joints

SilCut® PRO Side Punch

With straight instruments it is not always possible to control the resection depth as the view of the resection area is partially or fully obstructed by the instrument. For this reason, the jaws were completely redesigned. This jaw shape allows exact control of the resection process under optimal visualization, thereby preventing unnecessary tissue resection.



- Optimal and safe meniscus resection under visualization using jaws curved to the left or right
- Best possible access to the posterior horn region thanks to the upward curve of the jaw
- Homogeneous resection zone for the retained meniscus with oval jaws

SilCut® PRO Giga Punch



Comparison between Giga Punch (top) and Oval Punch

- Faster and more efficient meniscus resection thanks to large jaw with a width of 5.8 mm
- Ideal access to the posterior horn thanks to the upward curve of the jaws

SilCut® PRO Square Punch



- Best possible resection of radial tears while removing as little tissue as possible thanks to unique square design
- Ideal access to the posterior horn thanks to the upward curve of the jaws
- Smoothing of structures at the sides of the resection area

SilCut® PRO Upbiter



- Jaw shapes and instrument sheaths adapted to the anatomy provide atraumatic access to the posterior horn region without condyle contact
- Jaws curved to the right or left allow optimal access to the posterior meniscal area

SilCut® PRO for small joints



- Extremely flat jaw construction allows work and access to structures in tight joint areas
- Optimal resection of the TFCC with instruments curved to the left and right

Order information

SilCut® PRO Punches



Punches with square jaws

cross-toothed, width of cut 2.7 mm, sheath diameter 3.5 mm, straight sheath, working length 12 cm



28571 AC **SILCUT® PRO Punch**, straight jaws



28571 BC **SILCUT® PRO Punch**, jaws curved, 15° upwards

cross-toothed, width of cut 3.4 mm, sheath diameter 3.5 mm, working length 12 cm



28571 AB **SILCUT® PRO Punch**, straight jaws



28571 BB **SILCUT® PRO Punch**, jaws curved, 15° upwards

NEW



28571 BBL **SILCUT® PRO Upbiter**, jaws curved, 15° upwards, sheath curved 15° to left and 10° curved upwards

NEW



28571 BBR **SILCUT® PRO Upbiter**, jaws curved, 15° upwards, sheath curved 15° to right and 10° curved upwards

NEW




cross-toothed, width of cut 4.5 mm, sheath diameter 3.5 mm, working length 19 cm





28573 BA **SILCUT® PRO® Wide Upbiter**, jaws curved, 15° upwards, sheath curved 15° upwards

Punches with oval jaw design

circumferential teeth, width of cut 4.1 mm, sheath diameter 3.5 mm, straight sheath, working length 12 cm

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|---|-----------|--|
|  | 28571 OAC | SILCUT® PRO Oval Upbiter , curved jaws, 15° upwards |
|  | 28571 OC | SILCUT® PRO Oval Biter , straight jaws |
|  | 28571 ODC | SILCUT® PRO Oval Downbiter , curved jaws, 15° downwards |





cross-toothed, width of cut 4.1 mm, sheath diameter 3.5 mm, straight sheath, working length 12 cm

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|---|----------|---|
|  | 28571 OA | SILCUT® PRO Oval Upbiter , curved jaws, 15° upwards, straight sheath |
|  | 28571 O | SILCUT® PRO Oval Biter , straight jaws, straight sheath |

NEW



Punches with special jaw design

circumferential teeth, width of cut 4.3 mm, sheath diameter 3.5 mm, straight sheath, working length 12 cm

- | | | |
|---|-----------|---|
|  | 28571 CL | SILCUT® PRO Side Punch , left, angled jaws, curved to left 45° |
|  | 28571 CLU | SILCUT® PRO Side Punch , angled jaws, 15° upwards, left 45° |
|  | 28571 CR | SILCUT® PRO Side Punch , angled jaws, curved to right 45° |
|  | 28571 CRU | SILCUT® PRO Side Punch , angled jaws, 15° upwards, right 45° |



NEW

circumferential teeth, width of cut 5.8 mm, sheath diameter 3.5 mm, straight sheath, working length 12 cm

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|---|----------|--|
|  | 28571 E | SILCUT® PRO Giga Punch , straight jaws |
|  | 28571 EU | SILCUT® PRO Giga Punch , curved jaws, 15° upwards |

NEW

circumferential teeth, width of cut 5 mm, sheath diameter 3.5 mm, straight sheath, working length 12 cm

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|---|----------|---|
|  | 28571 S | SILCUT® PRO Square Punch , rhombic jaws |
|  | 28571 SU | SILCUT® PRO Square Punch , rhombic jaws, 15° upwards |

NEW

Scissors

sheath diameter 3.5 mm, straight, working length 14 cm



28571 SP

SILCUT® PRO Scissors, straight jaws, handle with cleaning connector

Punches for small joints

cross-toothed, width of cut 1 mm, sheath diameter 2.5 mm, straight sheath, working length 8.5 cm



28572 AE

SILCUT® PRO Punch, straight jaws

cross-toothed, width of cut 2 mm, sheath diameter 2.5 mm, straight sheath, working length 8.5 cm



28572 AD

SILCUT® PRO Punch, straight jaws



28572 O

SILCUT® PRO Oval Biter, straight jaws

NEW



28572 ADL

SILCUT® PRO Punch, jaws curved to left 45°

NEW



28572 ADR

SILCUT® PRO Punch, jaws curved to right 45°

Order Information

SilGrasp® PRO Grasping Forceps



NEW

sheath diameter 3.5 mm, straight sheath, working length 12 cm



28571 FG **SILGRASP® PRO Foreign Body Grasping Forceps**, aggressive, straight jaws



28571 CG **SILGRASP® PRO Cartilage and Biopsy Grasping Forceps**, straight jaws



28571 CGU **SILGRASP® PRO Cartilage and Biopsy Grasping Forceps**, curved jaws, 30° upwards



28571 G **SILGRASP® PRO Grasping Forceps**, spoon-shaped jaws, serrated, straight jaws



28571 GU **SILGRASP® PRO Grasping Forceps**, spoon-shaped jaws, serrated, jaws curved, 30° upwards



28571 AG **SILGRASP® PRO Alligator Grasping Forceps**, serrated, straight jaws

NEW

Grasping Forceps for small joints

sheath diameter 2.8 mm, straight sheath, working length 8.5 cm



28572 CG **SILGRASP® PRO Cartilage and Biopsy Grasping Forceps**, straight jaws



28572 CGU **SILGRASP® PRO Cartilage and Biopsy Grasping Forceps**, jaws curved, 30° upwards



28572 GU **SILGRASP® PRO Grasping Forceps**, spoon-shaped jaws, serrated, jaws curved, 30° upwards



28572 G **SILGRASP® PRO Grasping Forceps**, spoon-shaped jaws, serrated, straight jaws



28572 AG **SILGRASP® PRO Alligator Grasping Forceps**, serrated, straight jaws

LUER Caps

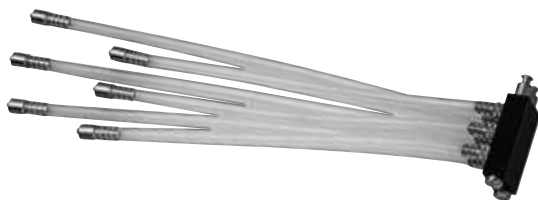
Two cap types are available in order to lock the LUER-Lock to the handle.
The metal cap is recommended for reusable applications. A silicone cap comes as standard with SILCUT® PRO punches and SILGRASP® PRO grasping forceps.



8029491 **LUER Cap**, metal, reusable, unsterile, for use with SILCUT®1 punches and forceps

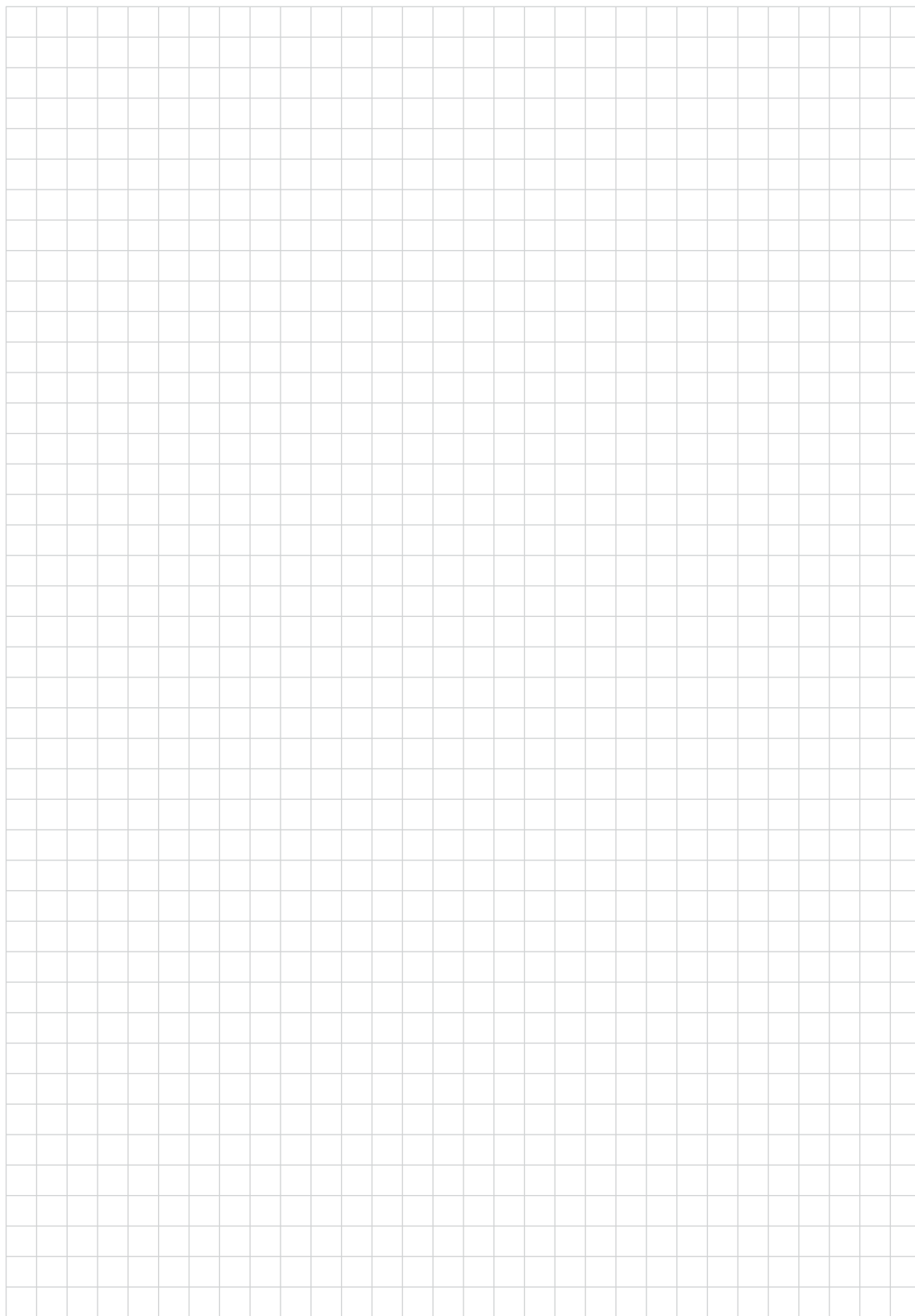


28571 LK **Set of LUER Caps**, silicone, reusable, unsterile, package of 10, for use with SILCUT® PRO punches and forceps



39100 VA **Multiport Bridge**, for machine processing, with 2 inputs and 6 outputs, for connecting up to 6 instruments with a LUER-Lock connector, for direction connection to washer-disinfectors, external dimensions (l x w x h): 70 x 30 x 35 mm

Notes



It is recommended to check the suitability of the product for the intended procedure prior to use.

STORZ
KARL STORZ—ENDOSKOPE

THE DIAMOND STANDARD

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