

SILCUT®1 and SILGRASP®1

Experience Meets Innovation



The new hand instruments in the SILCUT®1 and SILGRASP®1 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®1 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®1 Punches for large and small joints

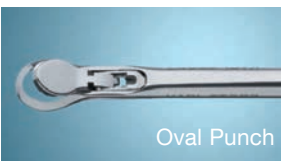
SILCUT®1 Side Punch

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

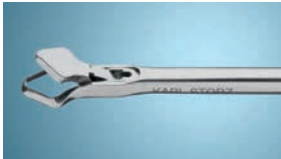
SILCUT®1 Giga Punch



- 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

Comparison between Giga Punch (top) and Oval Punch

SILCUT®1 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®1 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®1 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®1 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®1 Punch**, straight jaws



28571 BC **SILCUT®1 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®1 Punch**, straight jaws



28571 BB **SILCUT®1 Punch**, jaws curved, 15° upwards

NEW



28571 BBL **SILCUT®1 Upbiter**, jaws curved, 15° upwards, sheath curved 15° to left and 10° curved upwards

NEW



28571 BBR **SILCUT®1 Upbiter**, jaws curved, 15° upwards, sheath curved 15° to right and 10° curved 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



28571 OAC **SILCUT®1 Oval Upbiter**, curved jaws, 15° upwards



28571 OC **SILCUT®1 Oval Biter**, straight jaws



28571 ODC **SILCUT®1 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



28571 OA **SILCUT®1 Oval Upbiter**, curved jaws, 15° upwards, straight sheath




28571 O **SILCUT®1 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

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|  | 28571 CL | SILCUT®1 Side Punch , left, angled jaws, curved to left 45° |
|  | 28571 CLU | SILCUT®1 Side Punch , angled jaws, 15° upwards, left 45° |
|  | 28571 CR | SILCUT®1 Side Punch , angled jaws, curved to right 45° |
|  | 28571 CRU | SILCUT®1 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®1 Giga Punch , straight jaws |
|  | 28571 EU | SILCUT®1 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®1 Square Punch , rhombic jaws |
|  | 28571 SU | SILCUT®1 Square Punch , rhombic jaws, 15° upwards |

Punches for small joints

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

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|  | 28572 AE | SILCUT®1 Punch , straight jaws |
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cross-toothed, width of cut 2 mm, sheath diameter 2.5 mm, straight sheath, working length 8.5 cm

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|  | 28572 AD | SILCUT®1 Punch , straight jaws |
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|  | 28572 O | SILCUT®1 Oval Biter , straight jaws |
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NEW

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|  | 28572 ADL | SILCUT®1 Punch , jaws curved to left 45° |
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NEW

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|  | 28572 ADR | SILCUT®1 Punch , jaws curved to right 45° |
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Order Information

SILGRASP® 1 Grasping Forceps



NEW

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



28571 FG **SILGRASP®1 Foreign Body Grasping Forceps**, aggressive, straight jaws



28571 CG **SILGRASP®1 Cartilage and Biopsy Grasping Forceps**, straight jaws



28571 CGU **SILGRASP®1 Cartilage and Biopsy Grasping Forceps**, curved jaws, 30° upwards



28571 G **SILGRASP®1 Grasping Forceps**, spoon-shaped jaws, serrated, straight jaws



28571 GU **SILGRASP®1 Grasping Forceps**, spoon-shaped jaws, serrated, jaws curved, 30° upwards



28571 AG **SILGRASP®1 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®1 Cartilage and Biopsy Grasping Forceps**, straight jaws



28572 CGU **SILGRASP®1 Cartilage and Biopsy Grasping Forceps**, jaws curved, 30° upwards



28572 GU **SILGRASP®1 Grasping Forceps**, spoon-shaped jaws, serrated, jaws curved, 30° upwards



28572 G **SILGRASP®1 Grasping Forceps**, spoon-shaped jaws, serrated, straight jaws



28572 AG **SILGRASP®1 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®1 punches and grasping forceps.



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

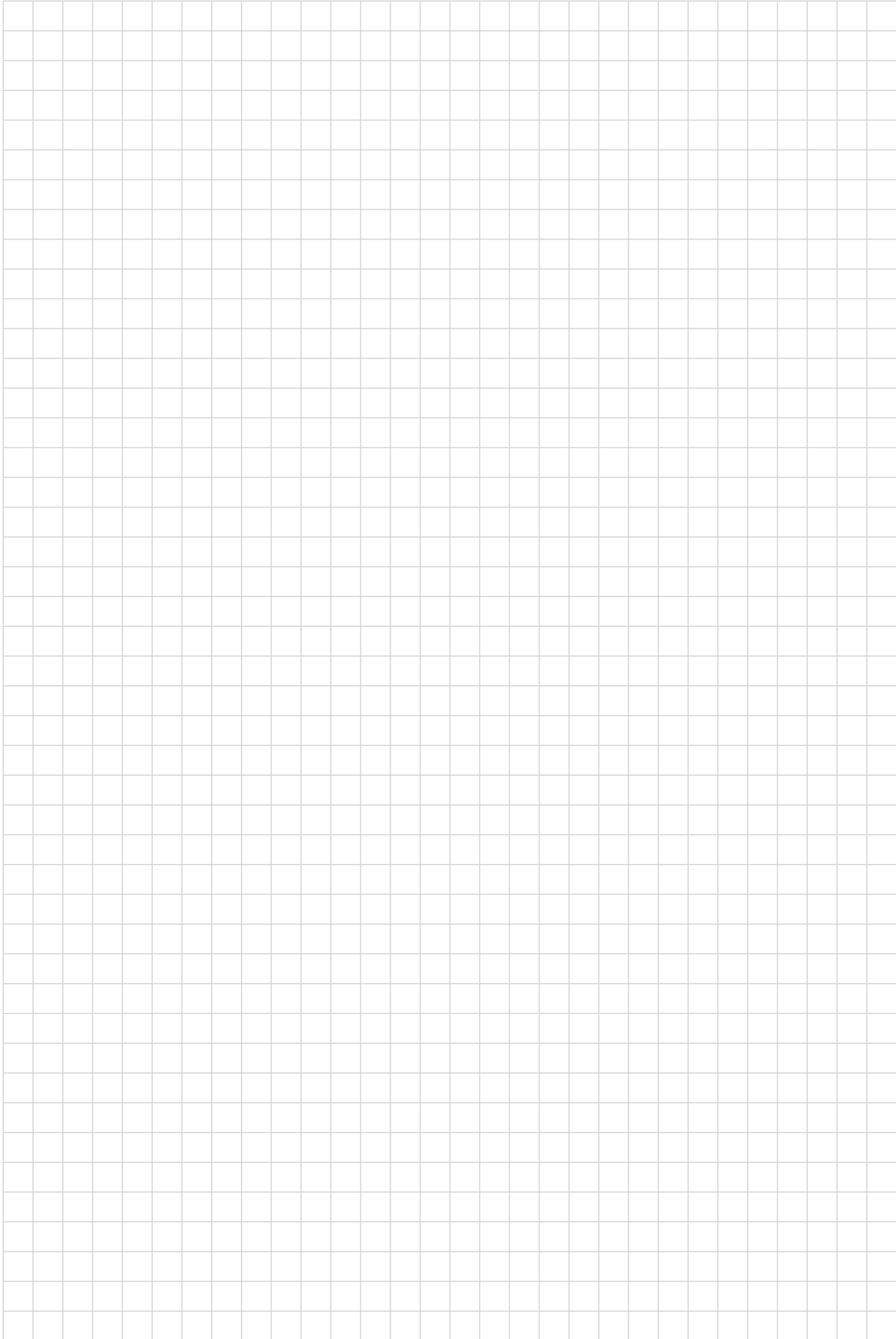


28571 LK **Set of LUER Caps**, silicone, reusable, unsterile, package of 10, for use with SILCUT®1 punches and forceps



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





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