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

- 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® 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
- Smoothening 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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>28571 AC</td>
<td><strong>SILCUT® PRO Punch</strong>, straight jaws</td>
</tr>
<tr>
<td>28571 BC</td>
<td><strong>SILCUT® PRO Punch</strong>, jaws curved, 15° upwards</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>28571 AB</td>
<td><strong>SILCUT® PRO Punch</strong>, straight jaws</td>
</tr>
<tr>
<td>28571 BB</td>
<td><strong>SILCUT® PRO Punch</strong>, jaws curved, 15° upwards</td>
</tr>
<tr>
<td><strong>NEW</strong></td>
<td><strong>SILCUT® PRO Upbiter</strong>, jaws curved, 15° upwards, sheath curved 15° to left and 10° curved upwards</td>
</tr>
<tr>
<td><strong>NEW</strong></td>
<td><strong>SILCUT® PRO Upbiter</strong>, jaws curved, 15° upwards, sheath curved 15° to right and 10° curved upwards</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>28573 BA</td>
<td><strong>SILCUT® PRO® Wide Upbiter</strong>, jaws curved, 15° upwards, sheath curved 15° upwards</td>
</tr>
</tbody>
</table>
Punches with oval jaw design

- **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® 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
  - 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

- **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
  - 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
  - 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

**New**

**28572 ADL** SILCUT® PRO Punch, jaws curved to left 45°

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