

# Reference Identification

How to find your Instrument

Select the correct jaw pattern by numerical reference number, e.g.:

Metzenbaum scissors 13-1461	Maryland grasping forceps 13-1318	Endoscopic clinch 13-1323	Claw forceps 13-1605
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Select the desired product line by alphabetic characters, e.g.:

XPress Lock™ 13-1318XPI	System CS™ 13-1318CSI	Future Lap™ 13-1318DDI	TI Line™ 13-1318TI-EC
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Select the correct instrument length by reference amendment, e.g.:

Standard working length (330 mm / 13 inch) 13-1318XPI	Bariatric working length (450 mm / 18 inch) 13-1318XPI-45
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# Laparoscopic Instrument Lines

Reusable, Hybrid & Single-use



# Instrument Inserts

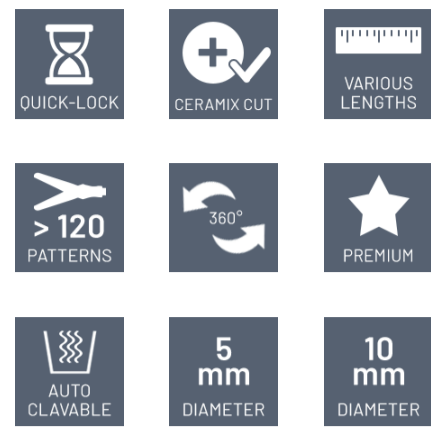
At a Glance

<b>13-1460</b> Metzenbaum Scissors Straight, double-action, Ø 5 mm, 17 mm jaw length	<b>13-1312</b> Johan Grasper Slightly flat jaws, single-action, Ø 5 mm, 25 mm jaw length	<b>13-1329</b> Allis Grasper TC inserted jaws, atraumatic, double-action, Ø 5 mm, 32 mm jaw length	<b>13-1381</b> Wave Grasper DG Atraumatic wavelike serrations, single-action, Ø 5 mm, 22 mm jaw length	<b>13-1308</b> Dissecting Forceps Curved, delicate serrated, single-action, Ø 5 mm, 5 mm jaw length
<b>13-1460CI</b> Metzenbaum Scissors Straight, double-action, Ø 5 mm, 17 mm jaw length, CeramicCut	<b>13-1313</b> Johan Grasper Slightly flat jaws, single-action, Ø 5 mm, 39 mm jaw length	<b>13-1337</b> Allis Grasper Rounded version, double-action, Ø 5 mm, 36 mm jaw length	<b>13-1380</b> Retraction Forceps Atraumatic inner teeth, single-action, Ø 5 mm, 23 mm jaw length	<b>13-1318</b> Maryland Dissector Double-action, Ø 5 mm, 21 mm jaw length
<b>13-1465</b> Metzenbaum Scissors Curved, serrated, double-action, Ø 5 mm, 17 mm jaw length	<b>13-1353</b> Croce Olmi Grasper Serrated, double-fenestrated, curved upwards, single-action, Ø 5 mm, 25 mm jaw length	<b>13-1350</b> Allis Grasper Short version, single-action, Ø 5 mm, 15 mm jaw length	<b>13-1417</b> Cobra Grasper Serrated, double-action, Ø 5 mm, 13 mm jaw length	<b>13-1340</b> Maryland Dissector Curved, automatic, double-action, Ø 5 mm, 21 mm jaw length
<b>13-1461</b> Metzenbaum Scissors Curved, double-action, Ø 5 mm, 17 mm jaw length	<b>13-1300</b> Tumor Grasper Blunt end, double-action, Ø 5 mm, 17 mm jaw length	<b>13-1418</b> Allis Grasper Atraumatic, 3 x 4 teeth, double-action, Ø 5 mm, 13 mm jaw length	<b>13-1546</b> Wave Grasper Pointed version, flat, single-action, Ø 5 mm, 14 mm jaw length	<b>13-1322</b> Maryland Dissector Soft curved, offset, double-action, Ø 5 mm, 17 mm jaw length
<b>13-1461CI</b> Metzenbaum Scissors Curved, double-action, Ø 5 mm, 17 mm jaw length, CeramicCut	<b>13-1377</b> Grasping Forceps Atraumatic serrated, double-action, Ø 5 mm, 27 mm jaw length	<b>13-1515</b> Allis Grasper Fine axial serrations, double-action, Ø 5 mm, 34 mm jaw length	<b>13-1547</b> Wave Grasper Pointed version, flat, single-action, Ø 5 mm, 14 mm jaw length	<b>13-1411</b> Maryland Dissector Pointed version, flat, single-action, Ø 5 mm, 14 mm jaw length
<b>13-1466</b> Metzenbaum Scissors Curved, serrated, double-action, Ø 5 mm, 17 mm jaw length	<b>13-1302</b> Maxi Fundus Grasper Maximized grip, double-action, Ø 5 mm, 18 mm jaw length	<b>13-1510</b> Allis Grasper Fine axial serrations, double-action, Ø 10 mm, 34 mm jaw length	<b>13-1548</b> Wave Grasper Wide version, single-action, Ø 5 mm, 14 mm jaw length	<b>13-1412</b> Maryland Dissector Curved, automatic, double-action, Ø 5 mm, 21 mm jaw length
<b>13-1468CI</b> Metzenbaum Scissors Curved, serrated, double-action, Ø 5 mm, 17 mm jaw length, CeramicCut	<b>13-1303</b> Strong Grasper Double-action, Ø 5 mm, 13 mm jaw length	<b>13-1530</b> TC Allis Grasper Double-action, Ø 10 mm, 39 mm jaw length	<b>13-1606</b> Claw Forceps Traumatic jaws, single-action, Ø 5 mm, 24 mm jaw length	<b>13-1317</b> Maryland - De Bakay Forceps Diamond serrated, double-action, Ø 5 mm, 23 mm jaw length
<b>13-1467</b> Metzenbaum Scissors Curved, medium blades, double-action, Ø 5 mm, 15 mm jaw length	<b>13-1300</b> Strong Grasper Single-action, Ø 5 mm, 14 mm jaw length	<b>13-1535</b> TC Allis Grasper Diamond serrations, double-action, Ø 5 mm, 39 mm jaw length	<b>13-1605</b> Claw Forceps Traumatic jaws, single-action, Ø 10 mm, 30 mm jaw length	<b>13-1345</b> Fenestrated Dissector Double-action, Ø 5 mm, 19 mm jaw length
<b>13-1309</b> Metzenbaum Scissors "Slim-line", curved, double-action, Ø 5 mm, 17 mm jaw length	<b>13-1330</b> Alligator Grasper Double-action, Ø 5 mm, 13 mm jaw length	<b>13-1539</b> T-Shaped Grasper Double-action, Ø 10 mm, 33 mm jaw length	<b>13-1536</b> Tenaculum Grasper 1 x 1 sharp teeth, double-action, Ø 10 mm, 28 mm jaw length	<b>13-1419</b> Kelly Dissector Double-action, Ø 5 mm, 15 mm jaw length
<b>13-1309CI</b> Metzenbaum Scissors "Slim-line", curved, double-action, Ø 5 mm, 17 mm jaw length, CeramicCut	<b>13-1354</b> Standard Grasper Cross serrated, double-action, Ø 5 mm, 16 mm jaw length	<b>13-1528</b> T-Shaped Grasper Atraumatic, TC inserted jaws, double-action, Ø 10 mm, 35 mm jaw length	<b>13-1537</b> Tenaculum Grasper 1 x sharp teeth, double-action, Ø 5 mm, 28 mm jaw length	<b>13-1422</b> Dissecting Forceps Delicate, angled, double-action, Ø 5 mm, 18 mm jaw length
<b>13-1468</b> Mini Metzenbaum Scissors Curved, tapered down to 4 mm, double-action, Ø 5 mm, 12 mm jaw length	<b>13-1335</b> Reddick Grasper Double-action, Ø 5 mm, 18 mm jaw length	<b>13-1520</b> De Bakay Grasper Atraumatic serrations, double-action, Ø 10 mm, 34 mm jaw length	<b>13-1333</b> Mixer Grasper Cross serrated, double-action, Ø 5 mm, 18 mm jaw length	<b>13-1347</b> Needleholder Cross serrated, single-action, Ø 5 mm, 5 mm jaw length
<b>13-1655</b> Metzenbaum Scissors Straight, single-action, Ø 10 mm, 22 mm jaw length	<b>13-1421</b> Duckbill Grasper Cross serrated, double-action, Ø 5 mm, 13 mm jaw length	<b>13-1525</b> De Bakay Grasper Atraumatic inner teeth, double-action, Ø 5 mm, 34 mm jaw length	<b>13-1334</b> Mixer Clamp 45° angled, double-action, Ø 10 mm, 24 mm jaw length	<b>13-1348</b> Needleholder Cross serrated, single-action, Ø 5 mm, 7 mm jaw length
<b>13-1344</b> Micro Scissors Straight, single-action, Ø 5 mm, 6 mm jaw length	<b>13-1305</b> Grasping Forceps Rounded jaws, double-action, Ø 5 mm, 15 mm jaw length	<b>13-1331</b> Babcock Grasper Atraumatic serrated, TC jaws, double-action, Ø 10 mm, 29 mm jaw length	<b>13-1336</b> Mixer Clamp 90° angled, double-action, Ø 10 mm, 25 mm jaw length	<b>13-1349</b> Needleholder TC inserts, single-action, Ø 5 mm, 12 mm jaw length
<b>13-1346</b> Micro Scissors Curved, single-action, Ø 5 mm, 6 mm jaw length	<b>13-1310</b> Grasping Forceps With spoon, double-action, Ø 5 mm, 15 mm jaw length	<b>13-1341</b> Babcock Grasper Double-action, Ø 10 mm, 29 mm jaw length	<b>13-1376</b> Mixer Clamp 90° angled, double-action, Ø 5 mm, 26 mm jaw length	<b>13-1351</b> Needleholder TC inserts, pointed version, single-action, Ø 5 mm, 13 mm jaw length
<b>13-1431</b> Hook Scissors Single-action, Ø 5 mm, 8 mm jaw length	<b>13-1378</b> Grasping Forceps Rounded jaws, double-action, Ø 10 mm, 23 mm jaw length	<b>13-1540</b> Babcock Grasper Serrated, double-action, Ø 10 mm, 29 mm jaw length	<b>13-1338</b> Glassmann Grasper Atraumatic jaws, double-action, Ø 5 mm, 40 mm jaw length	<b>13-1350</b> Needleholder Pointed version, single-action, Ø 5 mm, 12 mm jaw length
<b>13-1455</b> Hook Scissors Sharp cutting edge, single-action, Ø 5 mm, 10 mm jaw length	<b>13-1315</b> Grasping Forceps With spoon, pointed, double-action, Ø 5 mm, 18 mm jaw length	<b>13-1541</b> Babcock Grasper Double-action, Ø 5 mm, 31 mm jaw length	<b>13-1550</b> Kocher Grasper Axial serrations, double-action, Ø 10 mm, 45 mm jaw length	<b>13-1595</b> Needleholder Pointed version, single-action, Ø 5 mm, 10 mm jaw length
<b>13-1650</b> Peritoneal Scissors Bunt tips, single-action, Ø 5 mm, 10 mm jaw length	<b>13-1409</b> Dolphin Nose Grasper Short version, double-action, Ø 5 mm, 17 mm jaw length	<b>13-1542</b> Babcock - De Bakay Grasper Atraumatic inner teeth, single-action, Ø 5 mm, 31 mm jaw length	<b>13-1555</b> Kocher Grasper Axial serrations, double-action, Ø 10 mm, 51 mm jaw length	<b>13-1470</b> Biopsy Punch Single-action, Ø 5 mm, 11 mm jaw length
<b>13-1379</b> Fenestrated Scissors Micro jaws, double-action, Ø 5 mm, 14 mm jaw length	<b>13-1416</b> Dolphin Nose Grasper Long version, double-action, Ø 5 mm, 23 mm jaw length	<b>13-1543</b> Babcock Grasper Short version, for delicate applications, double-action, Ø 5 mm, 19 mm jaw length	<b>13-1560</b> De Bakay Grasper Double-action, Ø 10 mm, 45 mm jaw length	<b>13-1475</b> Biopsy Punch With spike, single-action, Ø 5 mm, 11 mm jaw length
<b>13-1301</b> Fenestrated Grasper Fenestrated jaws, double-action, Ø 5 mm, 19 mm jaw length	<b>13-1316</b> Kocher Grasper 1 x 2 teeth, single-action, Ø 5 mm, 18 mm jaw length	<b>13-1544</b> US Babcock Grasper Spring tension, rounded, atraumatic, double-action, Ø 10 mm, 13 mm jaw length	<b>13-1565</b> De Bakay Grasper Long version, double-action, Ø 10 mm, 60 mm jaw length	<b>13-1480</b> Biopsy Punch With spike, single-action, Ø 5 mm, 12 mm jaw length
<b>13-1362</b> Fenestrated Grasper 5 x 25 mm round, cross serrations, double-action, Ø 5 mm, 23 mm jaw length	<b>13-1324</b> Strong Atraumatic Clamp Curved, double-action, Ø 10 mm, 40 mm jaw length	<b>13-1545</b> Babcock - De Bakay Grasper Curved, double-action, Ø 10 mm, 29 mm jaw length	<b>13-1570</b> De Bakay Grasper Double-action, Ø 5 mm, 45 mm jaw length	<b>11-1645</b> Biopsy Spoon Single-action, Ø 5 mm, 10 mm jaw length
<b>13-1323</b> Endoscopic Clinch Extremely atraumatic serrated, double-action, Ø 5 mm, 22 mm jaw length	<b>13-1327</b> Strong Atraumatic Clamp Straight, double-action, Ø 10 mm, 40 mm jaw length	<b>13-1580</b> Duval Grasper Fine axial serrations, double-action, Ø 10 mm, 34 mm jaw length	<b>13-0530</b> Dissecting Forceps Strong curved, serrated, double-action, Ø 5 mm, for use with 10 mm trocar, 19 mm jaw length	<b>13-1485</b> Biopsy Spoon Double-action, Ø 5 mm, 10 mm jaw length
<b>13-1343</b> Fenestrated Clamp Double-action, Ø 5 mm, 41 mm jaw length	<b>13-1325</b> Atraumatic Grasper Single-action, Ø 5 mm, 19 mm jaw length	<b>13-1585</b> TC Collin Grasper Double-action, Ø 10 mm, 31 mm jaw length	<b>13-1304</b> Dissecting Forceps Soft curved, serrated, single-action, Ø 5 mm, for use with 10 mm trocar, 11 mm jaw length	<b>13-1480</b> Biopsy Spoon With spike, double-action, Ø 5 mm, 10 mm jaw length
<b>13-1571</b> Hunter Grasper Fenestrated, double-action, Ø 5 mm, 23 mm jaw length	<b>13-1413</b> Atraumatic Grasper Diamond serrations, double-action, Ø 5 mm, 22 mm jaw length	<b>13-1332</b> Strong Grasper Serrated, double-action, Ø 5 mm, 38 mm jaw length	<b>13-1306</b> Dissecting Forceps Strong curved, serrated, single-action, Ø 5 mm, 11 mm jaw length	<b>13-1660</b> Biopsy Spoon Forceps Large version, serrated, single-action, Ø 10 mm, 30 mm jaw length
<b>13-1311</b> Johan Grasper Slightly flat jaws, single-action, Ø 5 mm, 17 mm jaw length	<b>13-1326</b> Manhes Grasper Sharp, atraumatic, single-action, Ø 5 mm, 13 mm jaw length	<b>13-1375</b> Wave Grasper DG Atraumatic wavelike serrations, double-action, Ø 5 mm, 23 mm jaw length	<b>13-1307</b> Dissecting Forceps Straight, delicate serrated, single-action, Ø 5 mm, 11 mm jaw length	<b>13-1368</b> Blakesley Dissecting & Biopsy Forceps Fenestrated, single-action, Ø 5 mm, 14 mm jaw length



## XPress Lock™ Line

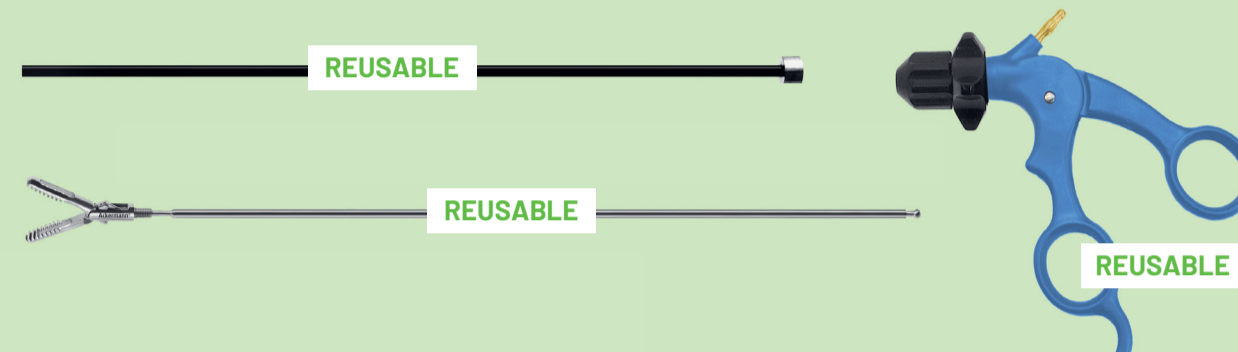
### Key Features



- Its innovative quick-lock mechanism allows for assembly and disassembly within seconds
- Fully intuitive and reliable
- More than 120 different instrument patterns, from multiple graspers, dissectors, specialty instruments and **Ceramix Cut**, a high performance Metzenbaum scissor insert featuring ceramic coated blades

## System CS™ Line

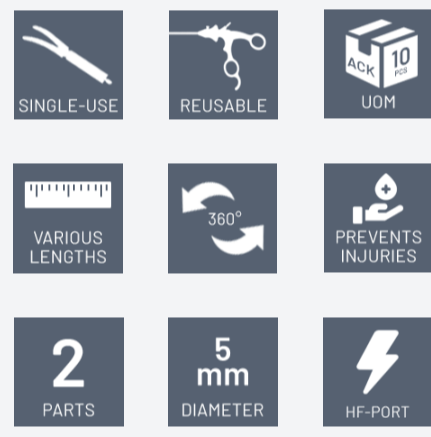
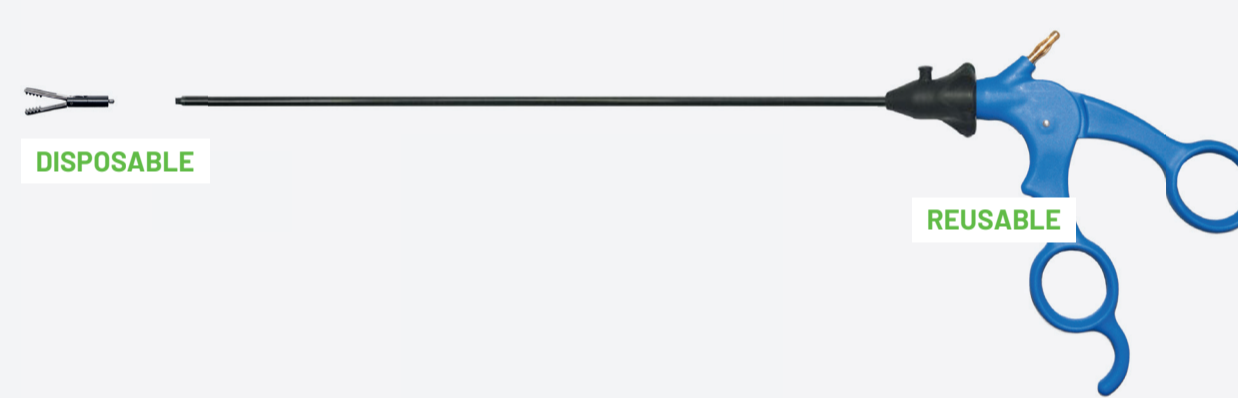
### Key Features



- Extremely easy assembly and disassembly of the instrument with screwing-system
- Comprehensive array of instrument patterns, all hand-made in Germany
- Wide selection of handle options
- Premium performance at unbeatable value for money without having to compromise on quality

## Ti Line™ Hybrids

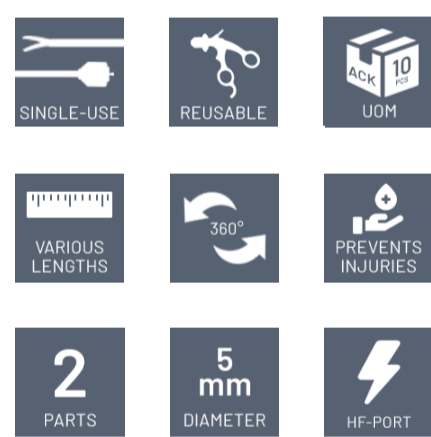
### Key Features



- Single-use instrument tip, combined with a reusable handle/sheath assembly has proven to be very economically effective
- Superior in terms of performance and haptics to most other completely disposable lap instruments
- Tips with extended insulation in order to reduce the risk of alternate site burns and arching

## Future Lap™ Hybrids

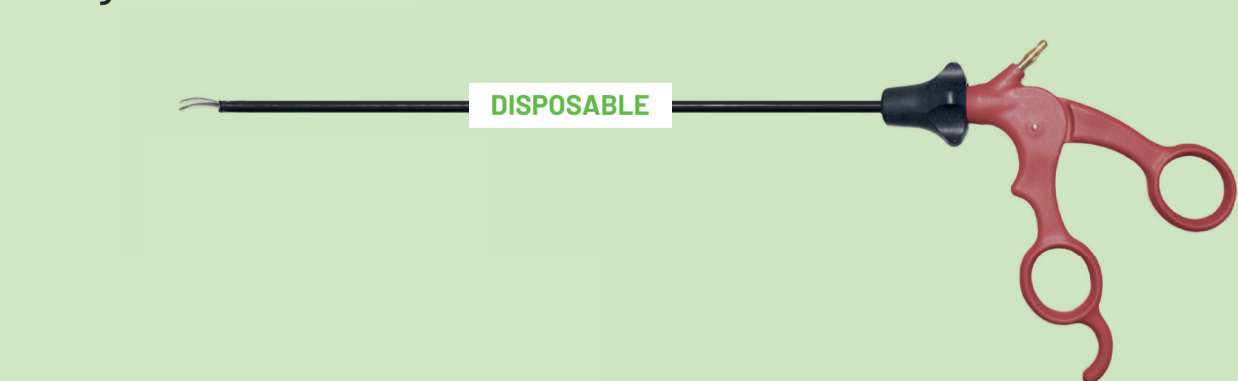
### Key Features



- Combination of a sterile, single-use sheath/tip assembly and a fully reusable handle
- Fully compatible with the System CS™ range of handles further increasing versatility and ability to customize
- Risks can be radically reduced by exchanging every component with immediate patient contact

## Single-use Instruments

### Key Features



- One-piece single-use instrumentation - more lengths and patterns on request
- 100% made in Germany
- In-house sterile packed in our own clean room
- Reusable-like feel and performance

