



IMPORTANT

Before using these products, please read the following information thoroughly!

WARNINGS



All instruments must be cleaned, disinfected and sterilized prior to each use.

All reusable Ackermann products are shipped in nonsterile condition. Before the first use transport packaging, coarse dust/pieces of paper/packaging remains need to be removed and each product processed and sterilized according to these instructions. All products have been pre-cleaned to an extent which allows for processing and sterilization by use of the equipment stated here. This only applies to a processing method according to these instructions within a system that has been configured and validated in compliance with ISO 17665 and in which all cleaning/disinfecting devices comply with ISO 15883.

Thorough cleaning and disinfection is crucial for an effective sterilization!

Strong cleaning agents may cause fading of markings.

Special safety precautions should be observed when using electro-surgical instruments.

► Electro-surgical instruments can pose a significant shock, burn or explosion hazard if used improperly, incorrectly or carelessly.

► Avoid touching or grounding electro-surgical instruments to non-insulated instruments, scopes, trocar sleeves, etc.

► All persons using such devices should be knowledgeable in the use and handling of laparoscopic instruments, coagulation equipment, their accessories and other related equipment.

► Test all instruments, accessories and equipment prior to each use.

► Do not use electro-surgical instruments on patients with pacemakers.

► Do not use in presence of flammable liquids or anesthetics.

► Electro-surgical generators used with these devices are designed to cause destruction of tissue and are inherently dangerous if operated improperly. Follow all safety precautions and instructions supplied by the manufacturer of the electro-surgical generator.

► The electrode tip must always be in full view before activating power. Apply power only when electrode tip is in full contact with the tissue selected for coagulation.

► Electrode tip must not come in contact with the laparoscope or other metal instruments during use.

► Failure to observe these cautions and contraindications may result in injury, malfunction or other unanticipated occurrences or events for the operator, staff and/or the patient.

LIMITATIONS ON REPROCESSING



Instruments have been validated for 50 cycles, based on an average treatment.

Products that have been marked as single-use (acc. to EN 980 2008-11/figure 5.2) MUST NOT be reprocessed! With such products materials are being used that are NOT reprocessable under normal conditions or do not withstand more than one sterilization process and, therefore, may break during surgery if reprocessed! (this applies to practically all single-use products featuring plastic components).

INTENDED USE

The Ackermann reusable laparoscopic instruments are designed for all specialty surgeries performing an endoscopic approach and to be used for cutting, preparing and grasping tissue, as well as for biopsies and suturing. Monopolar coagulation current may be selectively applied to the tissue as indicated.

Coagulation is achieved by using electro-surgical power under laparoscopic visualisation. The monopolar electrodes are intended to be used with the outputs of compatible electro-surgical generators. Do not exceed 450 Watts in the monopolar coagulation mode of a generator.

CONTRAINDICATIONS



Not intended for contraceptive coagulation of the fallopian tube but may be used to achieve hemostasis following transection of the tube.

CONTRAINDICATIONS TO ENDOSCOPIC PROCEDURES, NOT NECESSARILY MONOPOLOAR COAGULATION INCLUDE



As identified in the Manual of Endoscopy available from the American Association of Gynecologic Laparoscopists. The presence of large pelvic or pelvic-abdominal masses, hypovolemic shock and severe cardiac decompensation. Also, intestinal obstruction and marked bowel distention, increase possibility of pelvic and abdominal adhesions. A significantly elevated diaphragm contra-indicates the use of insufflation which may be necessary for proper surgical visualisation and may increase the chance of inadvertent bowel injury.

Pelvic abscess, chronic pulmonary disease, diaphragmatic hernia, obesity, and septic peritonitis may exclude some patients from surgical consideration depending on severity of these conditions.

Caution: Please refer to the labeling and user manual for the electro-surgical generator for additional information on contraindications on electro-surgical or laparoscopic use.

INSTRUCTIONS (acc. to ISO 17664)

PLACE OF USE (immediately after use)



IMMEDIATELY after each use (within no more than 10 min. or before drying of contaminants) the instruments need to get disassembled and impurities removed under running water, using a soft brush or cloth which are being used solely for this purpose. NEVER use a metal brush, steel wool or other cleaning devices containing metal in order to avoid the imminent risk of corrosion. Rinse under cold, running water until all visible impurities and contaminants have been successfully removed.

STORAGE AND TRANSPORT



Place instruments in a container; make sure that associated parts are being stored together. Keep the inside of the container moist/wet (no contaminants may dry). Reprocess all instruments soonest possible.

PREPARATION FOR CLEANING



Dismantable products are ALWAYS to be disassembled as much as possible (see IFU). Soak instruments in cold water for at least 5 min. and clean them, using a soft brush or cloth which are being used solely for this purpose. NEVER use a metal brush, steel wool or other cleaning devices containing metal in order to avoid the imminent risk of corrosion. Afterwards, wash down the entire surface of the instrument for 10s. by use of a cleaning gun (min. continuous pressure of 4 bar); articulate moveable parts constantly during the preliminary cleaning. Instruments featuring lumina and/or LuerLock flush channels are to be rinsed for an additional 10s. after visibly clear water has emerged from the ports. Place the instruments in an ultrasonic bath for 10min. (35-40kHz for min. 5min. or longer acc. to specifications). Prior to switching on the ultrasonics make sure that all lumina, sheaths, etc. are filled with cleaning fluid! Note that the preliminary cleaning – even at the use of a disinfectant – is only intended as a preparatory step and DOES NOT replace the actual disinfection!

MECHANICAL CLEANING



Associated parts are to be stored together in order to facilitate a subsequent allocation. Make sure that multiple instruments do not touch; especially different materials such as titanium, brass, aluminum, stainless steel, etc. need to be cleaned separately in order to avoid formation of a rust film. Composite instruments particularly stainless steel combined with ceramics need to be placed with sufficient distance to other products so they do not break due to the pressure of different thermal expansions.

Instruments have been tested with the following devices:

► Washer-Disinfector G 7735 CD (Miele):

1. washing cycle: alkaline program (No 105)

2. washing cycle: enzymology program (No 105)

► Washer-Disinfector G 7836 CD (Miele)

1. two component alkaline/enzymatic program

2. OxiVario

► Washer-Disinfector Niagara SI PCF (Medisafe) (RECOMMENDED)

1. Cleaning process with pulsed ultrasonic irrigation

2. Cleaning process without pulsed ultrasonic irrigation

The water which is to be used needs to be sterile or nearly sterile (<10 microbes/ml) and low in endotoxins (< 0.25

units/ml). The air which is being used for drying needs to be cleaned by means of micro filters which Processing and Sterilization Instructions of Medical Devices (acc. to ISO 17664) are regularly checked and maintained. A maintenance schedule has to be documented.

DISINFECTION

Place the instruments into the disinfecting bath (Caution: products need to be fully immersed; at least 1cm below the liquid surface). Multiple instruments may not touch; especially different materials such as titanium, brass, aluminum, stainless steel, etc. need to be disinfected separately in order to avoid formation of a rust film. Composite instruments (particularly stainless steel combined with ceramics) need to be placed with sufficient distance to other products so they do not break due to the pressure of different thermal expansions. Rinse all the lumina of the instrument at least five times using a sterile syringe (min 50ml) and disinfectant.

AFTER DISINFECTION

Remove products and rinse for at least 5 min. under running water until all disinfectant is removed from the instruments (the water which is to be used needs to be sterile or nearly sterile with <10 microbes/ml and low in endotoxins with < 0.25 units/ml). Constantly articulate moveable parts.

Rinse all the lumina of the instrument with water at least five times using a sterile syringe (min 50ml).

Disinfectants that have been successfully tested are:

1. Alkaline, Neodisher FA, pH 12.2, Dr. Weigert

2. Enzymatic, deconex 23 Neutrazym, pH 9.7, Borer

3. 2-Component Alkaline/Enzymatic, deconex TWIN PH, pH 10.9, deconex TWINZYME, pH 7, Borer

4. 2-Component Alkaline, Sekumatic FR, pH 12.1; Sekumatic OxiVario. PH 7.8; Neutralizer: Sekumatic FNZ, pH 2.2, Ecolab

5. Enzymatic; M20029 3E-Zyme Scope Plus, pH 6.1, Medisafe

6. Enzymatic + Ultrasound, M20029 3E-Zyme Scope Plus, pH 6.1, Medisafe

DRYING

After cleaning and disinfection place the instruments into suitable containers. Make sure that there is NO residue of the disinfectant. When drying as part of the cleaning/disinfection cycle is completed make sure that a temperature of 150°C/300°F is not exceeded. All operations need to take place in a clean, monitored environment!

MAINTENANCE



Apply a small amount of high-grade surgical lubricant on all joints or other moveable parts which are supposed to move smoothly. Sort out all blunt or damaged instruments. Clearly damaged instruments (cracks on the insulation, breakage, strongly bleached polymer handles or coatings) are NOT to be reused but repaired or disposed of.

TESTING AND INSPECTION

Jointed instruments are to be tested for ease of movement (avoid too much backlash). The functionality of ratchet mechanisms needs to be checked. All instruments: visually check for damage and wear. Blades should be even and without notches. Long and narrow instruments (especially jointed instruments) should be particularly checked for damages. If instruments are part of a larger set they are to be checked together with all associated components.

PACKAGING

Individually: a standardized packaging material may be used. The size of each bag needs to match the individual instrument so that there is no tension applied on the sealing.

Sets: sort instruments into designated trays or place on multi-purpose sterilization trays. Blades need to be protected; the weight of each tray may not exceed 8kg (18lbs). For the trays an adequate packaging procedure is to be used.

STERILIZATION



All products have been pre-cleaned to an extent which allows for processing and sterilization by use of the equipment stated here. This only applies to a processing method according to these instructions within a system that has been configured and validated in compliance with ISO 17665 and in which all cleaning/disinfecting devices comply with ISO 15883. With the result of the sterilization process greatly depending on the equipment that is being used a sterilization validation acc. to ISO 17665 MUST be performed at the place of use prior to the first application. All products MAY be used only if the result of this validation is positive.

For the sterilization of medical devices various methods can be applied. Regarding products manufactured by Ackermann gravity steam sterilization with a fractionated process is recommended.

Temperature: 134°C (273°F)

Pressure: 3 bar

Duration: ≥ 5 min.

Please comply with all recommendations issued by the manufacturer of your sterilization device with regard to handling and loading. Instruments that are to be sterilized need to be thoroughly exposed to the steam, including inner surfaces. Before using the instruments they need to be cooled down to room temperature.

Other durations and/or temperatures may also be applied. However, when doing so deviations of parameters Processing and Sterilization Instructions of Medical Devices (acc. to ISO 17664) should be validated (Caution: contact the manufacturer of your autoclave to confirm temperatures and/or sterilization durations).

Temperature inside the autoclave should not exceed 139°C/182°F. This could cause possible damage to handles, insulation or other non-metallic components. Do not sterilize using hot air or flash autoclave methods.

In case only pre-vacuum sterilization can be performed, please adhere to the following parameters:

For Europe: (except Switzerland and France)

Sterilizer type: Pre-vacuum

Preconditioning Pulses: 3

Preconditioning Pressure: 30 psia

Minimum temperature: 134°C

Cycle time: 5 min.

Sample configuration: Individually wrapped

For Switzerland and France:

Sterilizer type: Pre-vacuum

Preconditioning Pulses: 3

Preconditioning Pressure: 30 psia

Minimum temperature: 132°C/270°F

Cycle time: 4 min.

Sample configuration: Individually wrapped

STORAGE

Store instruments secured against mechanical damage. Use additional wrapping to protect against dust. Do not stack instruments which are packed sterile; especially do not place heavy items on top in order to avoid damage to the sterile packaging of other instruments.

ADDITIONAL INFORMATION

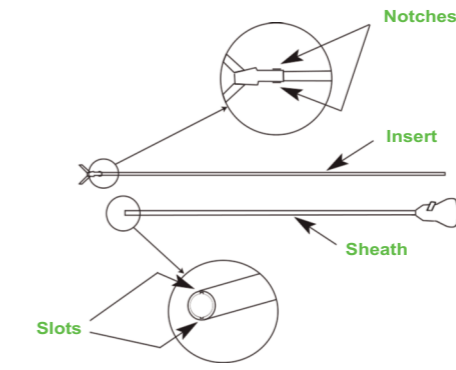
Do not exceed maximum loading capacity of the sterilizer when processing multiple instruments in one sterilization cycle.

XPRESS LOCK® ASSEMBLY/ DISASSEMBLY

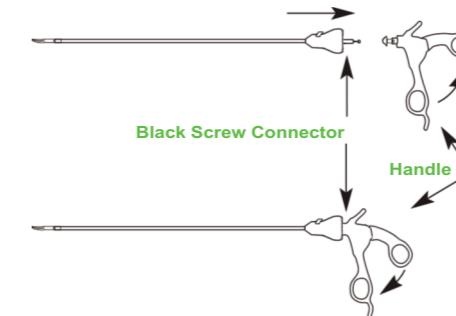


1. Push the insert into the handle's sheath such that the insert fully seats into the sheath. Some rotation of the tip may be necessary to align the tip notches and outer sheath slots.

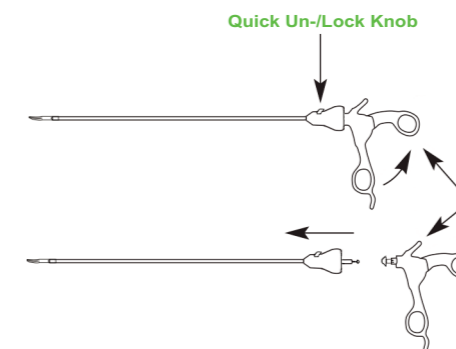
2. While holding the sheath, rotate the insert, with jaws closed counter clockwise 45° until tight. The device cannot be assembled further if the tip is not seated correctly. If the insert spins more than 45°, ensure the notches are fully inserted into the sheath slots.



3. Open the handle completely and insert the sheath assembly into the handle. Tighten the sheath by closing the handle. When hearing the "click" the instrument is assembled correctly. The jaw tips must be closed to ensure proper fit into handle.



4. To disassemble, open the handle completely. Loosen the sheath by pressing the quick locking knob on the black screw connector. Then slide the sheath away from handle. While holding the sheath, rotate the insert clockwise 45° until loosened. Slide the insert from sheath.



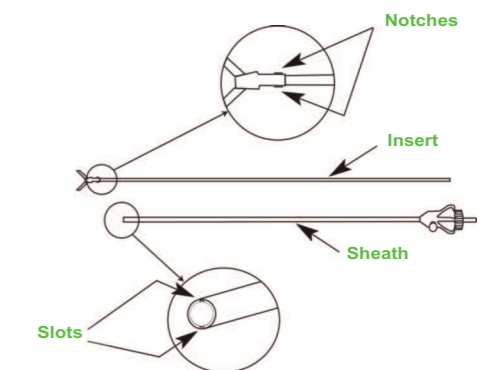
5. Clean and sterilize insert, sheath and handle immediately.

SECULOCK® ASSEMBLY/ DISASSEMBLY

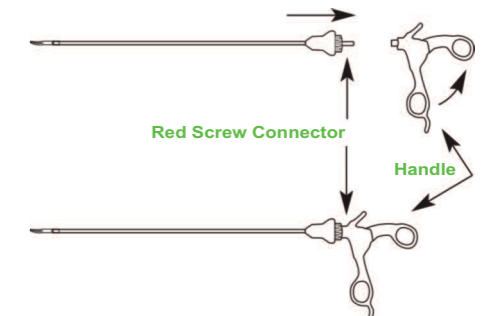


1. Push the insert into the handle's sheath such that the insert fully seats into the sheath. Some rotation of the tip may be necessary to align the tip notches and outer sheath slots.

2. While holding the sheath, rotate the insert, with jaws closed counter clockwise 45° until tight. The device cannot be assembled further if the tip is not seated correctly. If the insert spins more than 45°, ensure the notches are fully inserted into the sheath slots.



3. Open the handle completely and insert the sheath assembly into the handle. Tighten the sheath by turning the red coloured screw connector. The jaw tips must be closed to ensure proper fit into handle.



4. To disassemble, open the handle completely. Loosen the sheath by turning the red connector. Then slide the sheath away from handle. While holding the sheath, rotate the insert clockwise 45° until loosened. Slide the insert from sheath.

5. Clean and sterilize insert, sheath and handle immediately.

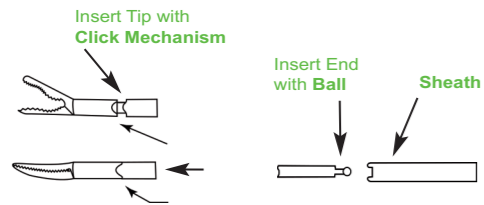




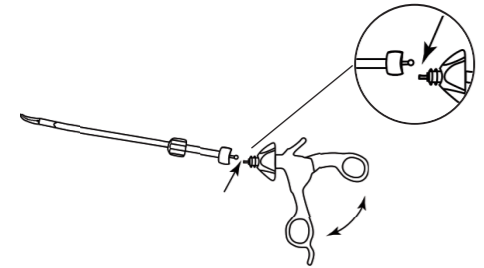
ENDO LOCK® ASSEMBLY/ DISASSEMBLY



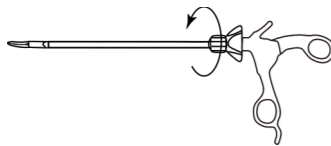
1. Slide the insert into the sheath. Notice the tongue and groove configuration. The insert should snap firmly into the shaft.



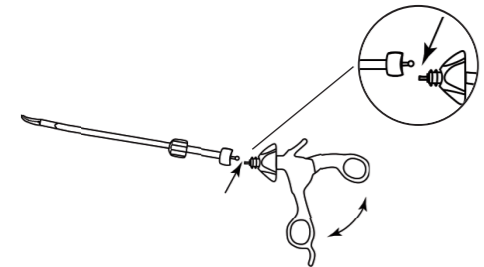
2. With the insert jaw closed and the handle open (just like you would like to open a pair of scissors), place the „ball“ of the insert into the cutout of the handle; then squeeze the handle shut and keep it shut. The jaw tips must be closed to ensure proper fit into the handle.



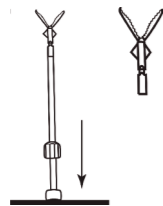
3. Turn the nut counter clockwise onto the handle and the device is ready to use.



4. To disassemble, unscrew the nut on the handle clockwise. Open the handle (just like you would like to open a pair of scissors) and lift the „ball“ of the insert out of the cutout area.



Firmly grasping the sheath with both hands, press the little „ball“ on a hard surface until the insert detaches from the sheath. Pull the insert out of the sheath.

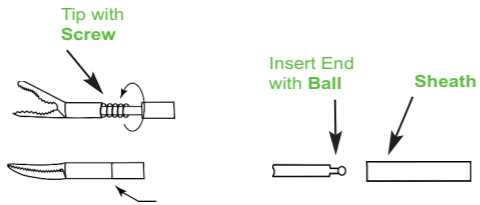


5. Clean and sterilize insert, sheath and handle immediately.

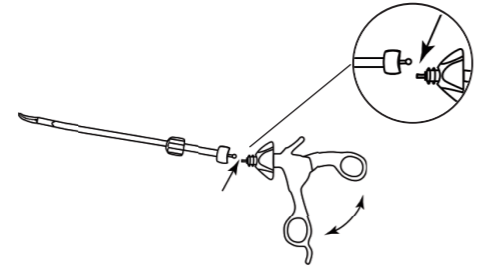
SYSTEM CS® ASSEMBLY/ DISASSEMBLY



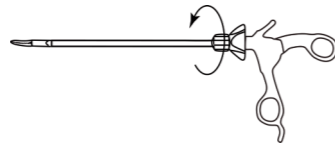
1. Remove the black nut on the handle. Put the insert into the sheath tightly fasten it by screwing the thread down completely.



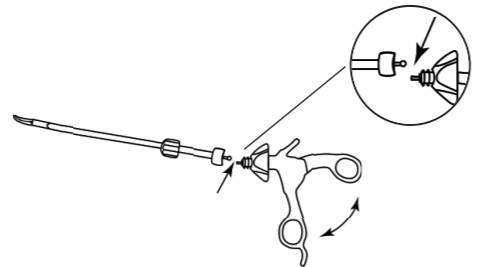
2. With the insert jaw closed and the handle open (just like you would like to open a pair of scissors), place the „ball“ of the insert into the cutout of the handle; then squeeze the handle shut and keep it shut. The jaw tips must be closed to ensure proper fit into the handle.



3. Turn the nut counter clockwise onto the handle and the device is ready to use.



4. To disassemble, unscrew the nut clockwise, open handle completely and detach the insert/ sheath from the handle. Unscrew the insert from the sheath and separate them fully.



5. Clean and sterilize insert, sheath and handle immediately.

APPENDIX

All product codes covered by these instructions are listed in the following table:

XPRESS LOCK®

11-1645XPI	13-1301XPI	13-1318XPI	13-1338XPI	13-1357XP-26	13-1381XPI	13-1431XPI	13-1537XPI
11-1645XPI-26	13-1302XPI	13-1323XPI	13-1343XPI	13-1357XP-45	13-1382XPI	13-1460XPI	13-1540XPI
11-1645XPI-45	13-1303XPI	13-1326XPI	13-1346XPI	13-1367XP	13-1384XP	13-1461XPI	13-1541XPI
11-1650XPI	13-1311XPI	13-1330XPI	13-1354XPI	13-1368XP	13-1409XPI	13-1466XPI	13-1570XPI
11-1650XPI-26	13-1312XPI	13-1331XPI	13-1356XP	13-1369XP	13-1412XPI	13-1470XPI	13-1605XPI
11-1650XPI-45	13-1313XPI	13-1333XPI	13-1356XP-26	13-1375XPI	13-1417XPI	13-1485XPI	13-1606XPI
13-0530XPI	13-1315XPI	13-1335XPI	13-1356XP-45	13-1376XPI	13-1419XPI	13-1490XPI	13-1660XPI
13-1300XPI	13-1317XPI	13-1336XPI	13-1357XP	13-1380XPI	13-1422XPI	13-1536XPI	

REF

SECULOCK®

11-1645SQI	13-1313SQI-45	13-1331SQI-26	13-1348SQI-26	13-1381SQI-45	13-1461SQI-45	13-1541SQI	13-1595SQI-45
11-1645SQI-26	13-1314SQI	13-1331SQI-45	13-1348SQI-45	13-1382SQI	13-1465SQI	13-1541SQI-45	13-1600SQI
11-1645SQI-45	13-1314SQI-26	13-1332SQI	13-1349SQI	13-1382SQI-26	13-1465SQI-26	13-1542SQI	13-1600SQI-26
11-1650SQI	13-1314SQI-45	13-1332SQI-26	13-1349SQI-26	13-1382SQI-45	13-1465SQI-45	13-1542SQI-26	13-1600SQI-45
11-1650SQI-26	13-1315SQI	13-1332SQI-45	13-1349SQI-45	13-1383SQ	13-1466SQI	13-1542SQI-45	13-1601SQI
11-1650SQI-45	13-1315SQI-26	13-1333SQI	13-1350SQI	13-1383SQOHF	13-1466SQI-26	13-1543SQI	13-1601SQI-18
13-0526SQI	13-1315SQI-45	13-1333SQI-26	13-1350SQI-26	13-1384SQ	13-1466SQI-45	13-1543SQI	13-1601SQI-26
13-0526SQI-26	13-1316SQI	13-1333SQI-45	13-1350SQI-45	13-1389SQ	13-1467SQI	13-1543SQI-26	13-1601SQI-45
13-0526SQI-45	13-1316SQI-26	13-1333SQIC	13-1351SQI	13-1390SQ	13-1467SQI-26	13-1543SQI-45	13-1602SQI
13-0530SQI	13-1316SQI-45	13-1334SQI	13-1351SQI-26	13-1409SQI	13-1467SQI-45	13-1544SQI	13-1602SQI-18
13-0530SQI-26	13-1317SQI	13-1334SQI-26	13-1351SQI-45	13-1409SQI-26	13-1468SQI	13-1544SQI-26	13-1602SQI-22
13-0530SQI-45	13-1317SQI-26	13-1334SQI-45	13-1353SQI	13-1409SQI-45	13-1470SQI	13-1544SQI-45	13-1602SQI-26
13-1300SQI	13-1317SQI-45	13-1335SQI	13-1353SQI-26	13-1411SQI	13-1470SQI-26	13-1545SQI	13-1602SQI-45
13-1300SQI-26	13-1318SQI	13-1335SQI-26	13-1353SQI-45	13-1411SQI-26	13-1470SQI-45	13-1545SQI-26	13-1603SQI
13-1300SQI-45	13-1318SQI-26	13-1335SQI-45	13-1354SQI	13-1411SQI-45	13-1475SQI	13-1545SQI-45	13-1603SQI-18
13-1301SQI	13-1318SQI-45	13-1336SQI	13-1354SQI-26	13-1412SQI	13-1475SQI-26	13-1546SQI	13-1603SQI-26
13-1301SQI-26	13-1319SQI	13-1336SQI-26	13-1354SQI-45	13-1412SQI-26	13-1475SQI-45	13-1546SQI-26	13-1603SQI-45
13-1301SQI-45	13-1319SQI-26	13-1336SQI-45	13-1356SQ	13-1412SQI-45	13-1480SQI	13-1546SQI-45	13-1604SQI
13-1302SQI	13-1319SQI-45	13-1337SQI	13-1356SQ-18	13-1413SQI	13-1480SQI-26	13-1547SQI	13-1604SQI-18
13-1302SQI-26	13-1320SQI	13-1337SQI-26	13-1356SQ-26	13-1413SQI-26	13-1480SQI-45	13-1547SQI-26	13-1604SQI-26
13-1302SQI-45	13-1320SQI-26	13-1337SQI-45	13-1357SQ	13-1413SQI-45	13-1485SQI	13-1547SQI-45	13-1604SQI-45
13-1303SQI	13-1320SQI-45	13-1338SQI	13-1357SQ-26	13-1414SQI	13-1485SQI-26	13-1548SQI	13-1605SQI
13-1303SQI-26	13-1321SQI	13-1338SQI-26	13-1357SQ-45	13-1414SQI-26	13-1485SQI-45	13-1548SQI-26	13-1605SQI-26
13-1303SQI-45	13-1321SQI-26	13-1338SQI-45	13-1357SQ-45	13-1414SQI-45	13-1490SQI	13-1548SQI-45	13-1605SQI-45
13-1304SQI	13-1321SQI-45	13-1339SQI	13-1357SQBL	13-1416SQI	13-1490SQI-26	13-1550SQI	13-1606SQI
13-1304SQI-26	13-1322SQI	13-1339SQI-26	13-1360SQ	13-1416SQI-26	13-1490SQI-45	13-1550SQI-26	13-1606SQI-26
13-1304SQI-45	13-1322SQI-26	13-1339SQI-45	13-1367SQ	13-1416SQI-45	13-1510SQI	13-1550SQI-45	13-1606SQI-45
13-1305SQI	13-1322SQI-45	13-1340SQI	13-1367SQ-ALT	13-1417SQI	13-1510SQI-26	13-1555SQI	13-1607SQI
13-1305SQI-26	13-1323SQI	13-1340SQI-26	13-1368SQ	13-1417SQI-26	13-1510SQI-45	13-1555SQI-26	13-1607SQI-18
13-1305SQI-45	13-1323SQI-26	13-1340SQI-45	13-1368SQ-ALT	13-1417SQI-45	13-1515SQI	13-1555SQI-45	13-1607SQI-26
13-1306SQI	13-1323SQI-45	13-1341SQI	13-1368SQOHF	13-1418SQI	13-1515SQI-26	13-1560SQI	13-1607SQI-45
13-1306SQI-26	13-1324SQI	13-1341SQI-26	13-1369SQ	13-1418SQI-26	13-1515SQI-45	13-1560SQI-26	13-1610SQI
13-1306SQI-45	13-1324SQI-26	13-1341SQI-45	13-1369SQS	13-1418SQI-45	13-1515SQI-45	13-1560SQI-45	13-1610SQI-26
13-1307SQI	13-1324SQI-45	13-1342SQI	13-1375SQI	13-1419SQI	13-1520SQI	13-1560SQI-45	13-1610SQI-45
13-1307SQI-26	13-1325SQI	13-1342SQI-26	13-1375SQI-26	13-1419SQI-26	13-1520SQI-26	13-1565SQI	13-1612SQI
13-1307SQI-45	13-1325SQI-26	13-1342SQI-45	13-1375SQI-45	13-1419SQI-45	13-1520SQI-45	13-1565SQI-26	13-1612SQI-26
13-1308SQI	13-1325SQI-45	13-1343SQI	13-1376SQI	13-1421SQI	13-1525SQI	13-1565SQI-45	13-1612SQI-45
13-1308SQI-26	13-1326SQI	13-1343SQI-26	13-1376SQI-26	13-1421SQI-26	13-1525SQI-26	13-1570SQI	13-1612SQI-45
13-1308SQI-45	13-1326SQI-26	13-1343SQI-45	13-1376SQI-45	13-1421SQI-45	13-1525SQI-45	13-1570SQI-26	13-1620SQI
13-1309SQI	13-1326SQI-45	13-1344SQI	13-1377SQI	13-1422SQI	13-1530SQI	13-1570SQI-45	13-1620SQI-26
13-1309SQI-26	13-1327SQI	13-1344SQI-26	13-1377SQI-26	13-1422SQI-26	13-1530SQI-26	13-1571SQI	13-1620SQI-45
13-1309SQI-45	13-1327SQI-26	13-1344SQI-45	13-1377SQI-45	13-1422SQI-45	13-1530SQI-45	13-1571SQI-26	13-1620SQI-45
13-1310SQI	13-1327SQI-45	13-1345SPEC SQ	13-1378SQI	13-1422SQI-45	13-1535SQI	13-1571SQI-45	13-1645SQI-26
13-1310SQI-26	13-1328SQI	13-1345SQI	13-1378SQI-26	13-1431SQI	13-1535SQI-26	13-1570SQI	13-1645SQI-45
13-1310SQI-45	13-1328SQI-26	13-1345SQI-26	13-1378SQI-45	13-1431SQI-26	13-1535SQI-45	13-1580SQI-26	13-1650SQI
13-1311SQI	13-1328SQI-45	13-1345SQI-45	13-1379SQI	13-1431SQI-45	13-1536SQI	13-1580SQI-45	13-1650SQI-26
13-1311SQI-26	13-1329SQI	13-1346SQI	13-1379SQI-26	13-1455SQI	13-1536SQI-26	13-1585SQI	13-1650SQI-45
13-1311SQI-45	13-1329SQI-26	13-1346SQI-26	13-1379SQI-45	13-1455SQI-26	13-1536SQI-45	13-1585SQI-26	13-1655SQI
13-1312SQI	13-1329SQI-45	13-1346SQI-45	13-1380SQI	13-1455SQI-45	13-1537SQI	13-1585SQI-45	13-1655SQI-26
13-1312SQI-26	13-1330SQI	13-1347SQI	13-1380SQI-26	13-1460SQI	13-1537SQI-26	13-1590SQI	13-1655SQI-45
13-1312SQI-45	13-1330SQI-26	13-1347SQI-26	13-1380SQI-45	13-1460SQI-26	13-1537SQI-45	13-1590SQI-26	13-1660SQI
13-1313SQI	13-1330SQI-45	13-1347SQI-45	13-1381SQI	13-1461SQI	13-1540SQI	13-1590SQI-45	13-1660SQI-26
13-1313SQI-26	13-1331SQI	13-1348SQI	13-1381SQI-26	13-1461SQI-26	13-1540SQI-45	13-1595SQI	13-1660SQI-45

REF





APPENDIX

All product codes covered by these instructions are listed in the following table:

ENDO LOCK®

11-16451	13-13131-26	13-13301-45	13-13471-45	13-13821-45	13-14661-45	13-15421-45	13-16011
11-16451-26	13-13131-45	13-13311	13-13481	13-1384RCFI	13-14671	13-15431	13-16011-18
11-16451-45	13-13141	13-13311-26	13-13481-26	13-14091	13-14671-26	13-15431-26	13-16011-26
11-16501	13-13141-26	13-13311-45	13-13481-45	13-14091-26	13-14671-45	13-15431-45	13-16011-45
11-16501-26	13-13141-45	13-13321	13-13491	13-14091-45	13-14681	13-15441	13-16021
11-16501-45	13-13151	13-13321-26	13-13491-26	13-14111	13-14701	13-15441-26	13-16021-18
13-05261	13-13151-26	13-13321-45	13-13491-45	13-14111-26	13-14701-26	13-15441-45	13-16021-22
13-05261-26	13-13151-45	13-13331	13-13501	13-14111-45	13-14701-45	13-15451	13-16021-26
13-05261-45	13-13161	13-13331-26	13-13501-26	13-14121	13-14751	13-15451-26	13-16021-45
13-05301	13-13161-26	13-13331-45	13-13501-45	13-14121-26	13-14751-26	13-15451-45	13-16031
13-05301-26	13-13161-45	13-13331C	13-13511	13-14121-45	13-14751-45	13-15461	13-16031-18
13-05301-45	13-13171	13-13341	13-13511-26	13-14131	13-14801	13-15461-26	13-16031-26
13-13001	13-13171-26	13-13341-26	13-13511-45	13-14131-26	13-14801-26	13-15461-45	13-16031-45
13-13001-26	13-13171-45	13-13341-45	13-13531	13-14131-45	13-14801-45	13-15471	13-16041
13-13001-45	13-13181	13-13351	13-13531-26	13-14141	13-14851	13-15471-26	13-16041-18
13-13011	13-13181-26	13-13351-26	13-13531-45	13-14141-26	13-14851-26	13-15471-45	13-16041-26
13-13011-26	13-13181-45	13-13351-45	13-13541	13-14141-45	13-14851-45	13-15481	13-16041-45
13-13011-45	13-13191	13-13361	13-13541-26	13-14161	13-14901	13-15481-26	13-16051
13-13021	13-13191-26	13-13361-26	13-13541-45	13-14161-26	13-14901-26	13-15481-45	13-16051-26
13-13021-26	13-13191-45	13-13361-45	13-13561R1	13-14161-45	13-14901-45	13-15501	13-16051-45
13-13021-45	13-13201	13-13371	13-13561R1-18	13-14171	13-15101	13-15501-26	13-16061
13-13031	13-13201-26	13-13371-26	13-13561R1-26	13-14171-26	13-15101-26	13-15501-45	13-16061-26
13-13031-26	13-13201-45	13-13371-45	13-13561R1-45	13-14171-45	13-15101-45	13-15511	13-16061-45
13-13031-45	13-13211	13-13381	13-13571R1	13-14181	13-15151	13-15511-26	13-16071
13-13041	13-13211-26	13-13381-26	13-13571R1-26	13-14181-26	13-15151-26	13-15511-45	13-16071-18
13-13041-26	13-13211-45	13-13381-45	13-13571R1-45	13-14181-45	13-15151-45	13-15601	13-16071-26
13-13041-45	13-13221	13-13391	13-1367RCFI	13-14191	13-15201	13-15601-26	13-16071-45
13-13051	13-13221-26	13-13391-26	13-1368RCFI	13-14191-26	13-15201-26	13-15601-45	13-16101
13-13051-26	13-13221-45	13-13391-45	13-1369FRI	13-14191-45	13-15201-45	13-15651	13-16101-26
13-13051-45	13-13231	13-13401	13-13751	13-14211	13-15251	13-15651-26	13-16101-45
13-13061	13-13231-26	13-13401-26	13-13751-26	13-14211-26	13-15251-26	13-15651-45	13-16121
13-13061-26	13-13231-45	13-13401-45	13-13751-45	13-14211-45	13-15251-45	13-15701	13-16121-26
13-13061-45	13-13241	13-13411	13-13761	13-14221	13-15301	13-15701-26	13-16121-45
13-13071	13-13241-26	13-13411-26	13-13761-26	13-14221-26	13-15301-26	13-15701-45	13-16201
13-13071-26	13-13241-45	13-13411-45	13-13761-45	13-14221-45	13-15301-45	13-15711	13-16201-26
13-13071-45	13-13251	13-13421	13-13771	13-14311	13-15351	13-15711-26	13-16201-45
13-13081	13-13251-26	13-13421-26	13-13771-26	13-14311-26	13-15351-26	13-15711-45	13-16451
13-13081-26	13-13251-45	13-13421-45	13-13771-45	13-14311-45	13-15351-45	13-15801	13-16451-26
13-13081-45	13-13261	13-13431	13-13781	13-14551	13-15361	13-15801-26	13-16451-45
13-13091	13-13261-26	13-13431-26	13-13781-26	13-14551-26	13-15361-26	13-15801-45	13-16501
13-13091-26	13-13261-45	13-13431-45	13-13781-45	13-14551-45	13-15361-45	13-15851	13-16501-26
13-13091-45	13-13271	13-13441	13-13791	13-14601	13-15371	13-15851-26	13-16501-45
13-13101	13-13271-26	13-13441-26	13-13791-26	13-14601-26	13-15371-26	13-15851-45	13-16551
13-13101-26	13-13271-45	13-13441-45	13-13791-45	13-14601-45	13-15371-45	13-15901	13-16551-26
13-13101-45	13-13281	13-13451	13-13801	13-14611	13-15401	13-15901-26	13-16551-45
13-13111	13-13281-26	13-13451-26	13-13801-26	13-14611-26	13-15401-26	13-15901-45	13-16601
13-13111-26	13-13281-45	13-13451-45	13-13801-45	13-14611-45	13-15401-45	13-15951	13-16601-26
13-13111-45	13-13291	13-13461	13-13811	13-14651	13-15411	13-15951-26	13-16601-45
13-13121	13-13291-26	13-13461-26	13-13811-26	13-14651-26	13-15411-26	13-15951-45	
13-13121-26	13-13291-45	13-13461-45	13-13811-45	13-14651-45	13-15411-45	13-16001	
13-13121-45	13-13301	13-13471	13-13821	13-14661	13-15421	13-16001-26	
13-13131	13-13301-26	13-13471-26	13-13821-26	13-14661-26	13-15421-26	13-16001-45	

REF

SYSTEM CS®

11-16451CSI	13-1312CSI	13-1332CSI-26	13-1349CSI	13-1382CSI-26	13-1465CSI-45	13-1541CSI-45	13-1595CSI-45
11-16451CSI-26	13-1312CSI-26	13-1332CSI-45	13-1349CSI-26	13-1382CSI-45	13-1466CSI	13-1542CSI	13-1600CSI
11-16451CSI-45	13-1312CSI-45	13-1333CSI	13-1349CSI-45	13-1383CS	13-1466CSI-26	13-1542CSI-26	13-1600CSI-26
11-1650CSI	13-1313CSI	13-1333CSI-26	13-1350CSI	13-1384CS	13-1466CSI-45	13-1542CSI-45	13-1600CSI-45
11-1650CSI-26	13-1313CSI-26	13-1333CSI-45	13-1350CSI-26	13-1389CS	13-1467CSI	13-1543CSI	13-1602CSI
11-1650CSI-45	13-1313CSI-45	13-1334CSI	13-1350CSI-45	13-1390CS	13-1467CSI-26	13-1543CSI-26	13-1602CSI-26
13-0014CSI	13-1313CSI-SPEC	13-1334CSI-26	13-1351CSI	13-1409CSI	13-1467CSI-45	13-1543CSI-45	13-1602CSI-45
13-0014CSI-26	13-1315CSI	13-1334CSI-45	13-1351CSI-26	13-1409CSI-26	13-1470CSI	13-1544CSI	13-1603CSI
13-0014CSI-45	13-1315CSI-26	13-1335CSI	13-1351CSI-45	13-1409CSI-45	13-1470CSI-26	13-1544CSI-26	13-1603CSI-26
13-0526CSI	13-1315CSI-45	13-1335CSI-26	13-1353CSI	13-1411CSI	13-1470CSI-45	13-1544CSI-45	13-1603CSI-45
13-0526CSI-26	13-1316CSI	13-1335CSI-45	13-1353CSI-26	13-1411CSI-26	13-1475CSI	13-1545CSI	13-1604CSI
13-0526CSI-45	13-1316CSI-26	13-1336CSI	13-1353CSI-45	13-1411CSI-45	13-1475CSI-26	13-1545CSI-26	13-1604CSI-26
13-0530CSI	13-1316CSI-45	13-1336CSI-26	13-1354CSI	13-1412CSI	13-1475CSI-45	13-1545CSI-45	13-1604CSI-45
13-0530CSI-26	13-13171	13-1336CSI-45	13-13541-26	13-1412CSI-26	13-1480CSI	13-1546CSI	13-1605CSI
13-0530CSI-45	13-13171-26	13-13371	13-13541-45	13-1412CSI-45	13-1480CSI-26	13-1546CSI-26	13-1605CSI-26
13-13001	13-13171-45	13-13371-26	13-13561R1	13-1413CSI	13-1480CSI-45	13-1546CSI-45	13-1605CSI-45
13-13001-26	13-13171-45	13-13371-45	13-13561R1-18	13-1413CSI-26	13-1485CS	13-1547CS	13-1606CSI
13-13001-45	13-13181	13-13381	13-13561R1-26	13-1413CSI-45	13-1485CSI-26	13-1547CSI-26	13-1606CSI-26
13-13011	13-13181-26	13-13381-26	13-13561R1-45	13-1413CSI-45	13-1485CSI-45	13-1547CSI-45	13-1606CSI-45
13-13011-26	13-13181-45	13-13381-45	13-13571R1	13-1416CSI	13-1490CSI	13-1548CSI	13-1607CSI
13-13011-45	13-13191	13-13391	13-13571R1-26	13-1416CSI-26	13-1490CSI-26	13-1548CSI-26	13-1612CSI
13-13021	13-13191-26	13-13391-26	13-13571R1-45	13-1416CSI-45	13-1490CSI-45	13-1548CSI-45	13-1612CSI-26
13-13021-26	13-13191-45	13-13391-45	13-1367RCFI	13-1416CSI-45	13-1510CSI	13-1550CSI	13-1612CSI-45
13-13021-45	13-13201	13-13401	13-1368RCFI	13-1419CSI	13-1510CSI-26	13-1550CSI-26	13-1620CSI
13-13031	13-13201-26	13-13401-26	13-1369FRI	13-1419CSI-26	13-1510CSI-45	13-1550CSI-45	13-1620CSI-26
13-13031-26	13-13201-45	13-13401-45	13-13751	13-1419CSI-45	13-1515CSI	13-1550CSI-26	13-1620CSI-45
13-13031-45	13-13211	13-13411	13-13751-26	13-1419CSI-45	13-1515CSI-26	13-1550CSI-45	13-1621CSI
13-13041	13-13211-26	13-13411-26	13-13751-45	13-1419CSI-45	13-1515CSI-45	13-1550CSI-45	13-1621CSI-26
13-13041-26	13-13211-45	13-13411-45	13-13761	13-1419CSI-45	13-1515CSI-26	13-1550CSI-26	13-1621CSI-45
13-13041-45	13-13221	13-13421	13-13761-26	13-1419CSI-45	13-1515CSI-45	13-1550CSI-45	13-1622CSI
13-13051	13-13221-26	13-13421-26	13-13761-45	13-1419CSI-45	13-1515CSI-26	13-1550CSI-26	13-1622CSI-26
13-13051-26	13-13221-45	13-13421-45	13-13771	13-1419CSI-45	13-1515CSI-45	13-1550CSI-45	13-1622CSI-45
13-13051-45	13-13231	13-13431	13-13771-26	13-1419CSI-45	13-1515CSI-26	13-1550CSI-26	13-1622CSI-45
13-13061	13-13231-26	13-13431-26	13-13771-45	13-1419CSI-45	13-1515CSI-45	13-1550CSI-45	13-1622CSI-45
13-13061-26	13-13231-45	13-13431-45	13-13781	13-1419CSI-45	13-1515CSI-26	13-1550CSI-26	13-1622CSI-45
13-13061-45	13-13241	13-13441	13-13781-26	13-1419CSI-45	13-1515CSI-45	13-1550CSI-45	13-1622CSI-45
13-13071	13-13241-26	13-13441-26	13-13781-45	13-1419CSI-45	13-1515CSI-26	13-1550CSI-26	13-1622CSI-45
13-13071-26	13-13241-45	13-13441-45	13-13791	13-1419CSI-45	13-1515CSI-45	13-1550CSI-45	13-1622CSI-45
13-13071-45	13-13251	13-13451	13-13791-26	13-1419CSI-45	13-1515CSI-26	13-1550CSI-26	13-1622CSI-45
13-13081	13-13251-26	13-13451-26	13-13791-45	13-1419CSI-45	13-1515CSI-45	13-1550CSI-45	13-1622CSI-45
13-13081-26	13-13251-45	13-13451-45	13-13801	13-1419CSI-45	13-1515CSI-26	13-1550CSI-26	13-1622CSI-45
13-13081-45	13-13261	13-13461	13-13801-26	13-1419CSI-45	13-1515CSI-45	13-1550CSI-45	13-1622CSI-45
13-13091	13-13261-26	13-13461-26	13-13801-45	13-1419CSI-45	13-1515CSI-26	13-1550CSI-26	13-1622CSI-45
13-13091-26	13-13261-45	13-13461-45	13-1381				