

# Lone Star<sup>®</sup>

RETRACTOR SYSTEM

Exceptional  
Visibility  
and Access

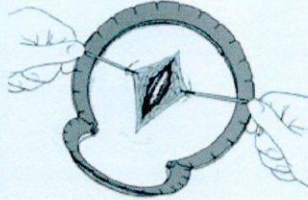
Self-retaining retractor system  
offers unobstructed visualization,  
and access for a wide range  
of surgical procedures.



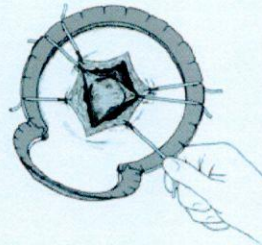
# Simple Technique in

## 3 Simple Steps:

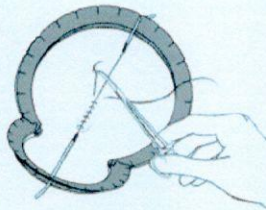
1. Place the Retractor Ring around the initial incision. Insert Elastic Stay hooks into tissue and retract in directly opposing quadrants. Slots on ring allow easy placement for equal and constant tension.



2. As dissection progresses, reposition hooks and add new ones as needed to achieve full, balanced retraction from any angle.

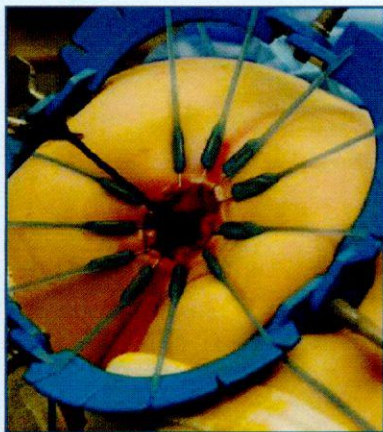


3. When closing, place stays along axis of the incision to create tension to facilitate precise staple or suture placement.



## Surgical Applications:

- Gynecology
- Urology
- Colon/Rectal
- General Surgery
- ENT Surgery
- Plastic Reconstructive
- Hand/Ankle Surgery
- Podiatry
- Neurologic Surgery



Hirshsprung's Procedure  
Marc Levitt, MD  
Cincinnati Children's Hospital Medical Center

# Lone Star<sup>TM</sup>

## RETRACTOR SYSTEM

Comprehensive.  
Self-Retaining.  
Surgery just got simpler.

### Benefits

- The best unobstructed anatomical visualization of any retractor system
- Frees up OR personnel to perform other tasks
- Applicable for a variety of surgical procedures
- Easy to use
- Variety of retractors and stays available for customizable site management

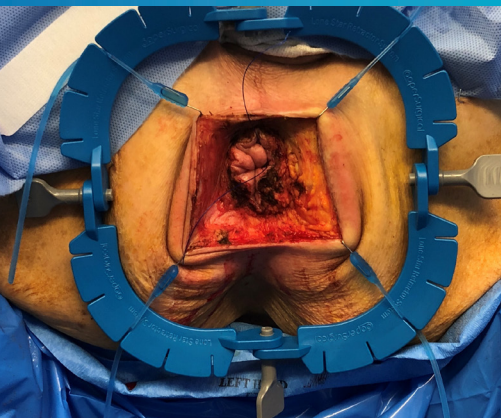
The Lone Star Retractor System<sup>TM</sup> from CooperSurgical is visibly different, visibly better. Quite simply, it opens up a whole new way to operate. The self-retaining design frees OR staff to perform other tasks, saves time and expense, and eliminates clutter at the surgical site.

You, and your patient, get the benefit of speed and precision in opening the pathway. The highly flexible system of Rings and Stays easily adapts to the anatomical site. It quickly repositions to reveal additional layers as the surgery proceeds.

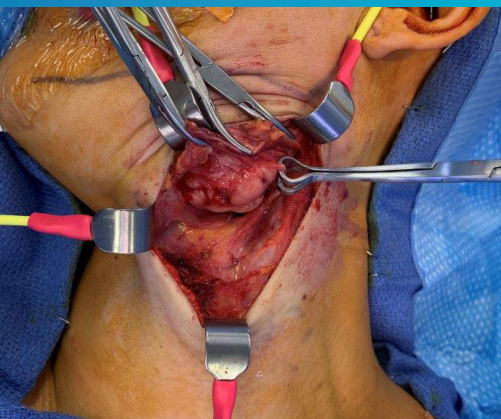
Lone Star® Retractor System provides unobstructed exposure to your procedure.



RECTOVAGINAL FISTULA REPAIR  
Peter Rosenblatt, M.D.  
Mt. Auburn Hospital, Cambridge, MA



ABDOMINAL PERINEAL RESECTION  
Matthew Albert, MD, FACS, FASCRS  
AdventHealth

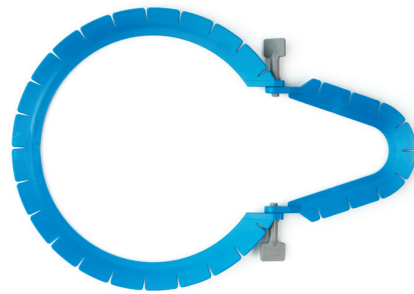


RESECTION OF A SUBMANDIBULAR LYMPHOVASCULAR MALFORMATION  
Charles Coffey, M.D.  
University of California, San Diego

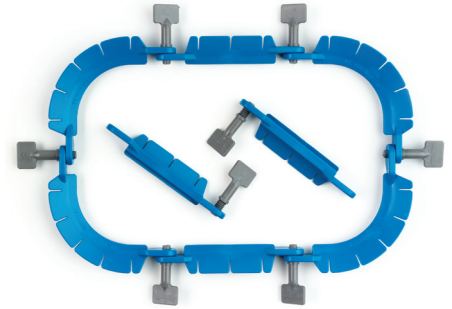
## Retractor Rings

### A Multitude of Options, Yet Simplicity Itself

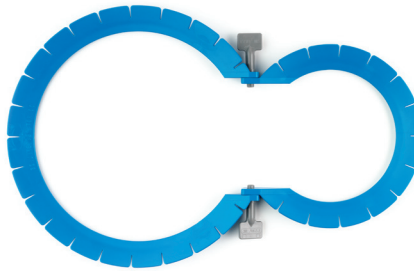
Rings are available in a variety of flexible, articulating shapes appropriate to the surgical site, and are further customized via adjustable hinges. Disposable plastic models are lightweight, pre-sterilized and packaged singly in trays for streamlined delivery to the surgical field. Slotted design keeps elastic stay hooks precisely where you need them.



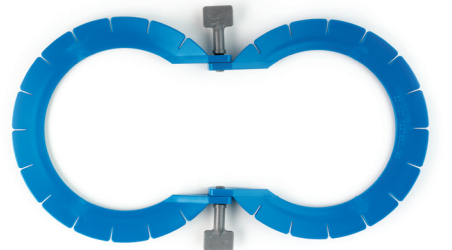
3308G



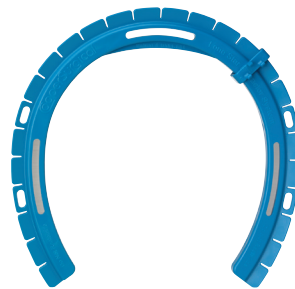
3310G



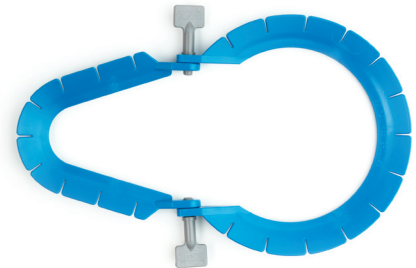
3304G



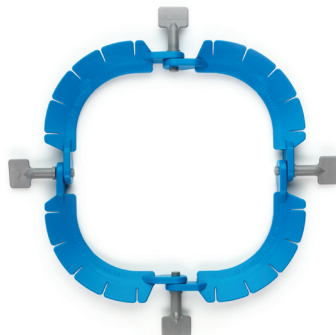
3301G



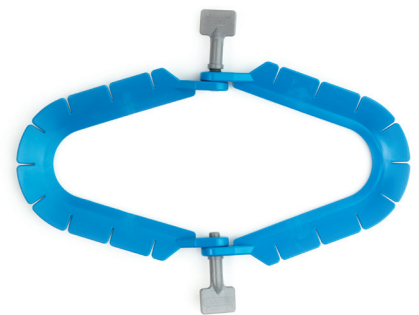
3715



3302G



3307G











3309G

# Lone Star

RETRACTOR SYSTEM™

Better than another pair of hands

## RETRACTOR RINGS

Model#	Surgical Applications	
<b>3301G</b>	Gynecology and Head and Neck	
<b>3302G</b>	Gynecology, especially narrow pelvis, obese	
<b>3304G*</b>	Gynecology, Male Urology	
<b>3307G*</b>	Colon and Rectal Surgeries; also General Surgery, Head and Neck	
<b>3308G*</b>	Gynecology, Male Urology	
<b>3309G</b>	Head and Neck, Pediatrics	
<b>3310G</b>	General Surgery, Head and Neck	
<b>3715</b>	Gynecology	

\* The three most popular Rings

To find out more about the Lone Star Retractor System or to place an order call 800.243.2974.

**CooperSurgical**

203.601.5200 | 800.243.2974 | [coopersurgical.com](http://coopersurgical.com) | 95 Corporate Dr. | Trumbull, CT 06611

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Form #81272 • Rev 1/13

SHARP HOOKS



**3311-8G\***  
5 mm sharp hook  
(8/pack)



**3314-8G\***  
3 mm sharp hook  
(8/pack)



**3325-4G**  
5 mm two-finger  
(4/pack)



**3327-4G**  
7 mm two-finger  
(4/pack)

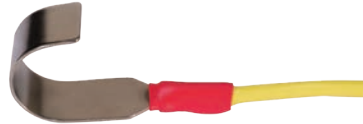


**3329-4G**  
9 mm two-finger  
(4/pack)

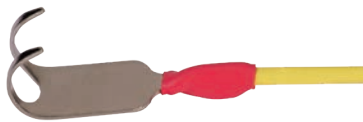
RAKE AND BLADE HOOKS



**3330-4G**  
13 mm x 16 mm solid  
blade (4/pack)



**3331-4G**  
13 mm x 20 mm Spira  
blunt hook (4/pack)



**3332-4G**  
14 mm x 16 mm  
two-finger (4/pack)



**3333-4G**  
16 mm x 20 mm Spira  
two-finger (4/pack)



**3334-4G**  
20 mm x 16 mm  
four-finger (4/pack)



**3335-4G**  
20 mm x 20 mm Spira  
three-finger (4/pack)



**3338-4G**  
6.5 mm x 16 mm  
solid blade (4/pack)

BLUNT HOOKS



**3350-8G\***  
12 mm blunt hook  
(8/pack)



**3350L-4G**  
12 mm blunt hook,  
elongated lead (4/pack)



**3384-4**  
12 mm two-finger  
blunt hook (4/pack)



**3550-1G**  
12 mm blunt hook,  
dual lead (50/case)



**3316-8G\***  
5 mm blunt hook  
(8/pack)



**3205-8G**  
5 mm semi-blunt  
PRO-Stay (8/pack)

# Lone Star®

## RETRACTOR SYSTEM

Self-Retaining Retractor System That Provides Exceptional Visibility and Access

### Disposable Retractor Ring Specifications

NUMBER	DESCRIPTION
<b>3301G</b>	Sterile plastic, 25.3 cm x 11.3 cm
<b>3302G</b>	Sterile plastic, 22.0 cm x 11.3 cm
<b>3304G*</b>	Sterile plastic, 32.5 cm x 18.3 cm
<b>3307G</b>	Sterile plastic, 14.1 cm x 14.1 cm
<b>3308G*</b>	Sterile plastic, 28.3 cm x 18.3 cm
<b>3309G</b>	Sterile plastic, 18.6 cm x 8.9 cm
<b>3310G</b>	Sterile plastic, 25.0 cm x 25.0 cm
<b>3715*</b>	Sterile plastic, 16.6 cm x 16.6 cm

Made of Noryl® resin, the disposable retractor rings are pre-sterilized and packaged singly in double-peel pouches for easy delivery to the sterile surgical field.

\*Packaged singly with 2 catheter clips

### Lone Star Retractor Kits

NUMBER	DESCRIPTION
<b>3704</b>	<b>Gynecology Kit</b> <ul style="list-style-type: none"> <li>• One large snowman disposable retractor ring, 32.5 cm x 18.3 cm – Model 3304G</li> <li>• One eight-pack of 5 mm sharp stay hooks – Model #3311-8G (5 kits/box)</li> </ul>
<b>3707</b>	<b>Colorectal Kit</b> <ul style="list-style-type: none"> <li>• One square disposable retractor ring, 14.1 cm x 14.1 cm – Model #3307G</li> <li>• One eight-pack of 5 mm sharp stay hooks – Model #3311-8G (5 kits/box)</li> </ul>

US Patent Nos. 5,785,649; 5,964,697

Lone Star® Retractor System is a registered trademark of CooperSurgical, Inc.  
Noryl® is a registered trademark of SABIC Innovation Plastics.

### Stay Hook Specifications

NUMBER	DESCRIPTION
<b>3205-8G</b>	5 mm semi-blunt PRO-Stay (8/pack)
<b>3311-1G</b>	5 mm sharp hook (50/case)
<b>3311-8G</b>	5 mm sharp hook (8/pack)
<b>3314-1G</b>	3 mm sharp hook (50/case)
<b>3314-8G</b>	3 mm sharp hook (8/pack)
<b>3316-1G</b>	5 mm blunt hook (50/case)
<b>3316-8G</b>	5 mm blunt hook (8/pack)
<b>3325-4G</b>	5 mm two-finger (4/pack)
<b>3327-4G</b>	7 mm two-finger (4/pack)
<b>3329-4G</b>	9 mm two-finger (4/pack)
<b>3330-4G</b>	13 mm x 16 mm solid blade (4/pack)
<b>3331-4G</b>	13 mm x 20 mm Spira blunt hook (4/pack)
<b>3332-4G</b>	14 mm x 16 mm two-finger (4/pack)
<b>3333-4G</b>	16 mm x 20 mm Spira two-finger (4/pack)
<b>3334-4G</b>	20 mm x 16 mm four-finger (4/pack)
<b>3335-4G</b>	20 mm x 20 mm Spira three-finger (4/pack)
<b>3338-4G</b>	6.5 mm x 16 mm solid blade (4/pack)
<b>3350-1G</b>	12 mm blunt hook (50/case)
<b>3350-8G</b>	12 mm blunt hook (8/pack)
<b>3350L-4G</b>	12 mm blunt hook, elongated lead (4/pack)
<b>3384-4</b>	12 mm two-finger blunt hook (4/pack)
<b>3550-1G</b>	12 mm blunt hook, dual lead (50/case)

50/case stays are individually wrapped. All stay hooks are single-use.

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**CooperSurgical**  
Medical Devices



# CoperSurgical

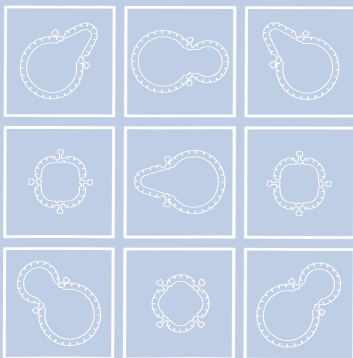
## Lone Star Reusable Retractor Rings

For simpler, better managed surgeries.

For a wide range of surgical procedures

### Benefits

- Excellent visibility
- Adapts and repositions quickly
- Adjustable tension for optimal exposure
- Frees up OR staff



**Maximum exposure.**

**Minimum effort.**

**Resilient and reusable.**

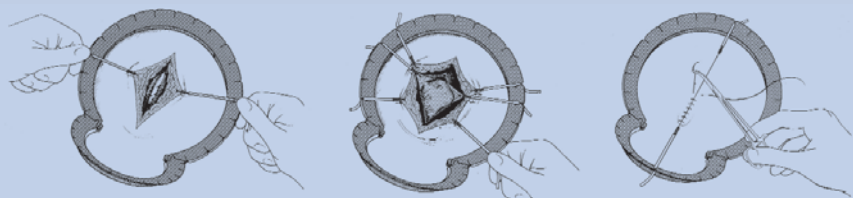
# Lone Star Reusable Retractor Rings

## Flexible. Durable. Remarkable!

So simple - and yet so capable. These Reusable Retractor Rings have the qualities you need for optimum surgical results. They dramatically improve visibility in the surgical field, by eliminating the need for manual retractors and the personnel to hold them. The articulated design adapts to any region of the anatomy. Adjustable hinges and a system of Elastic Stay hooks allow easy positioning and repositioning throughout the procedure, without placing undue pressure on delicate tissues.

Resilient aluminum and durable stainless steel construction stand up to repeated use. Every detail supports more efficient surgeries from start to finish.

## Ease and Precision in 3 Simple Steps



1. Place Ring around initial incision. Insert Elastic Stay hooks into tissue and retract in directly opposing quadrants. Slots on ring allow easy placement for proper tension.
2. Reposition or add hooks throughout procedure to maintain balanced retraction.
3. When closing, place stays along axis of the incision to create tension to facilitate precise staple or suture placement.

## Reusable Retractor Rings Specifications

### Stainless Steel Retractor Rings

Packaged singly, ready for sterilization.

**2200** 27.5 cm x 18.4 cm (795 grams)

**2201** 16.4 cm x 11.6 cm (340 grams)

### Aluminum Retractor Rings

Packaged singly, ready for sterilization.

**1103** 11.6 cm (96 grams)

**1104** 32.2 cm x 18.4 cm (236 grams)

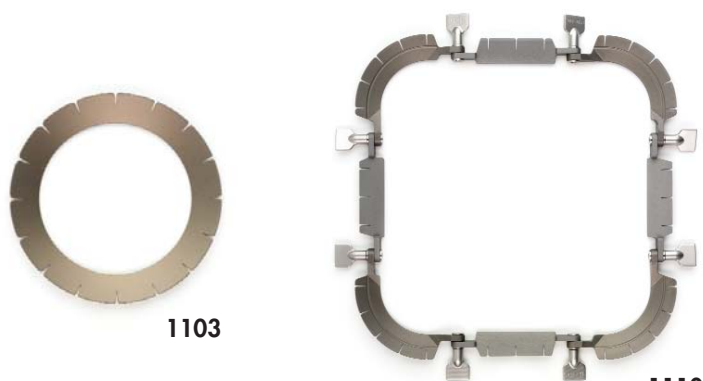
**1107** 14.5 cm x 14.5 cm (206 grams)

**1110** 24.3 cm x 24.3 cm (380 grams)



1107

1104



1103

1110



2200

2201

**CooperSurgical**

[www.coopersurgical.com](http://www.coopersurgical.com)

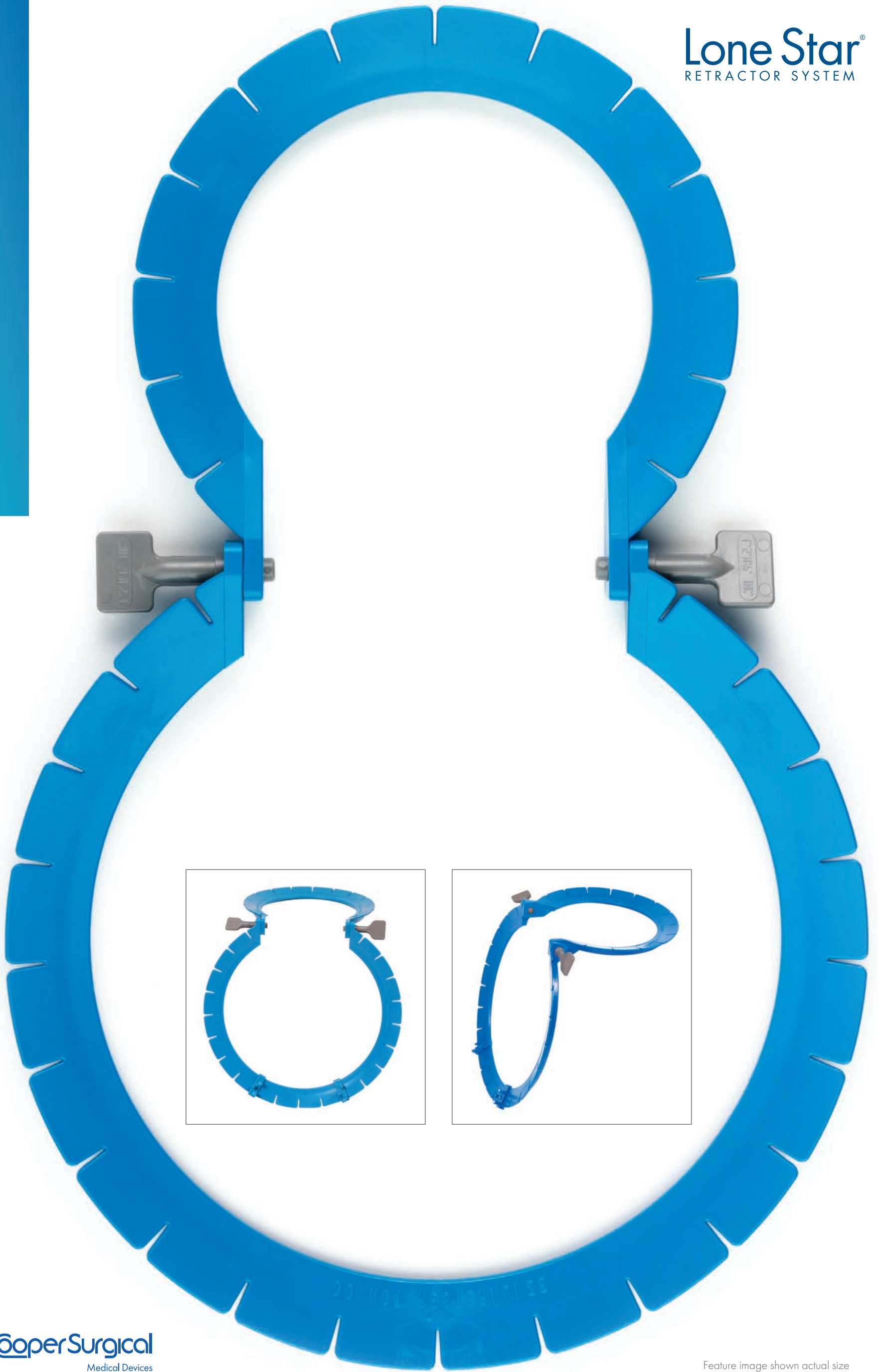
To find out more about the Lone Star Reusable Retractor Rings, or to place an order call 800.243.2974.

Lone Star Retractor System™ is a trademark of CooperSurgical, Inc.

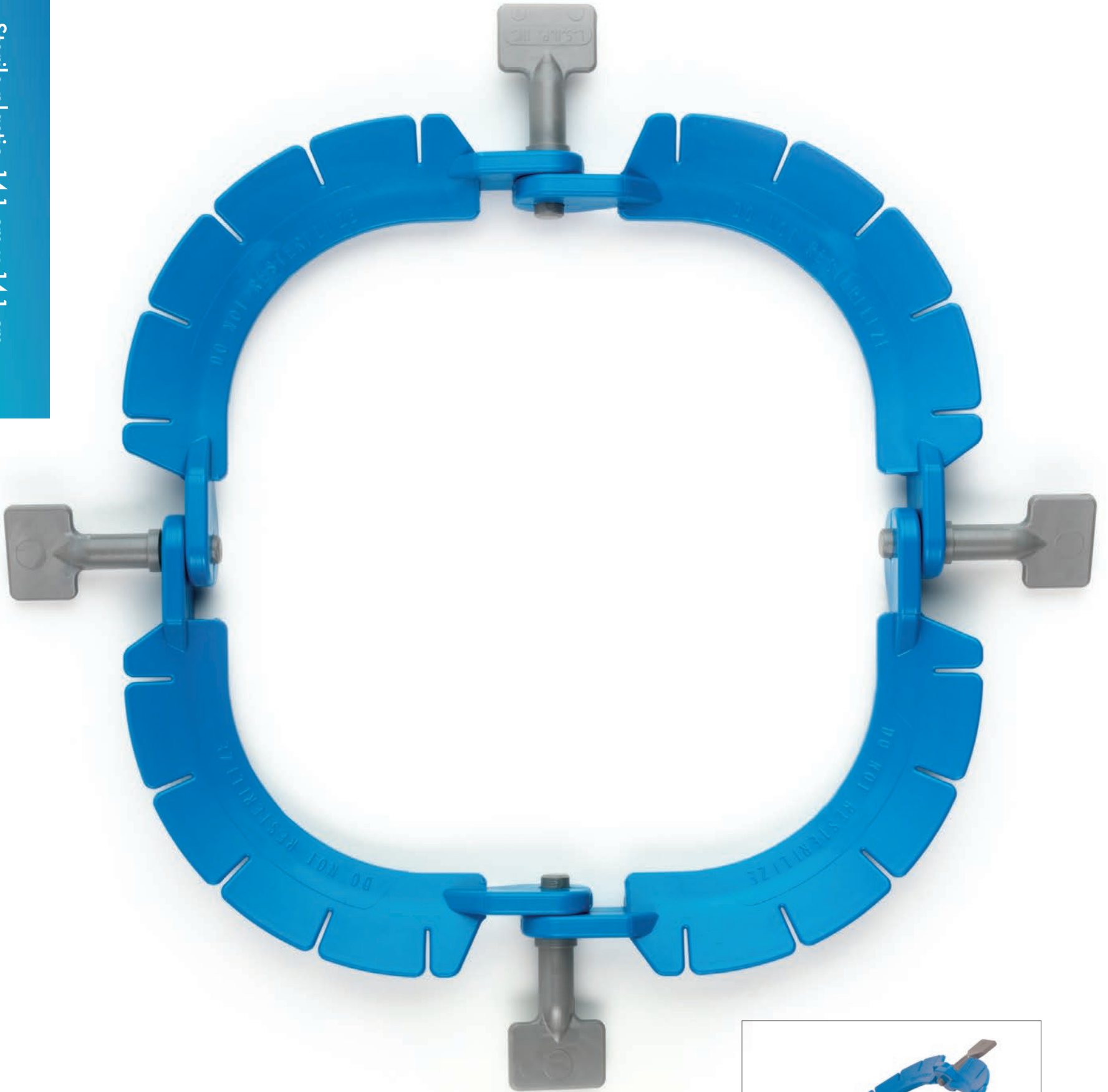
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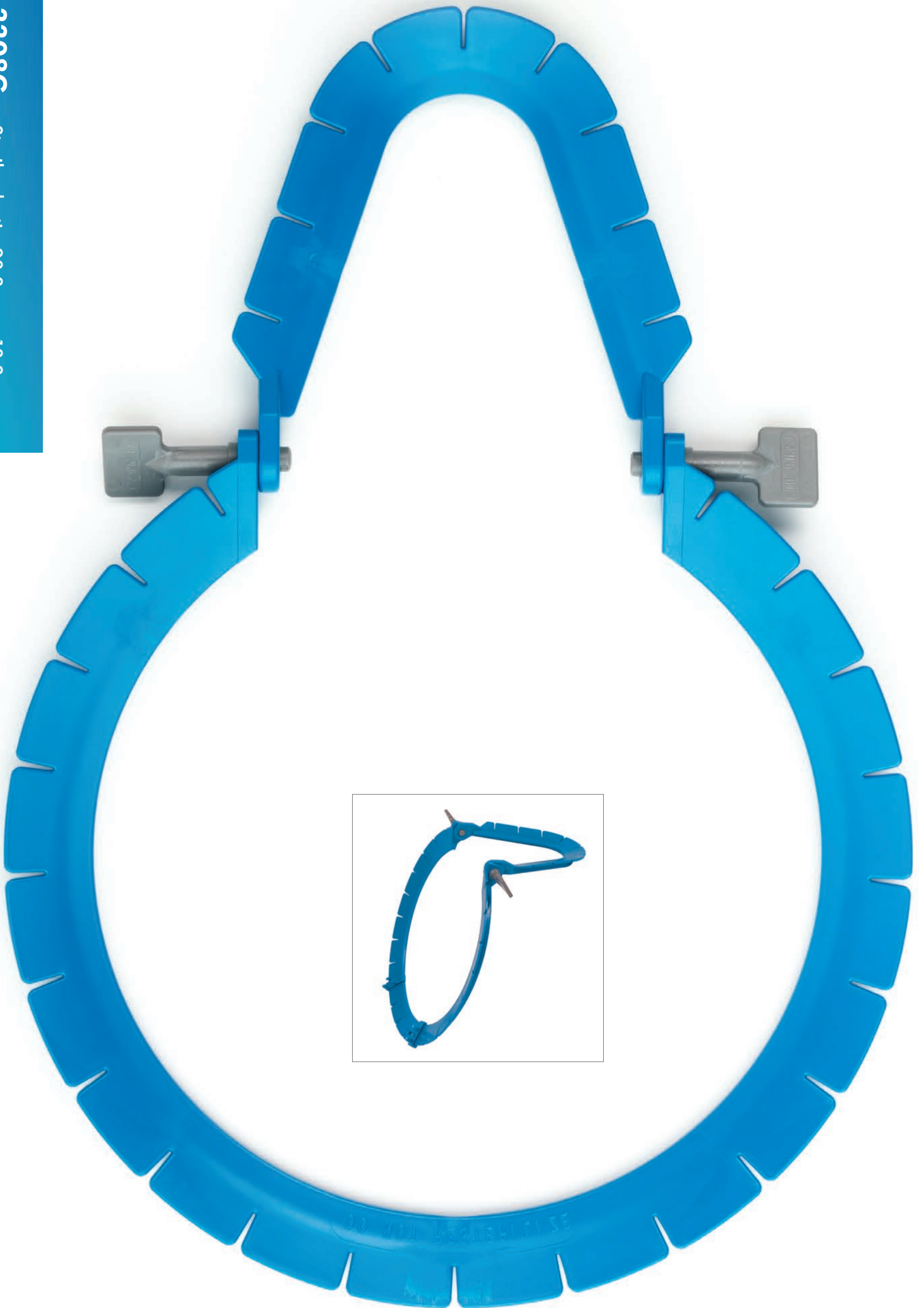
3304G — Sterile plastic, 32.5 cm x 18.3 cm



3307G – Sterile plastic, 14.1 cm x 14.1 cm



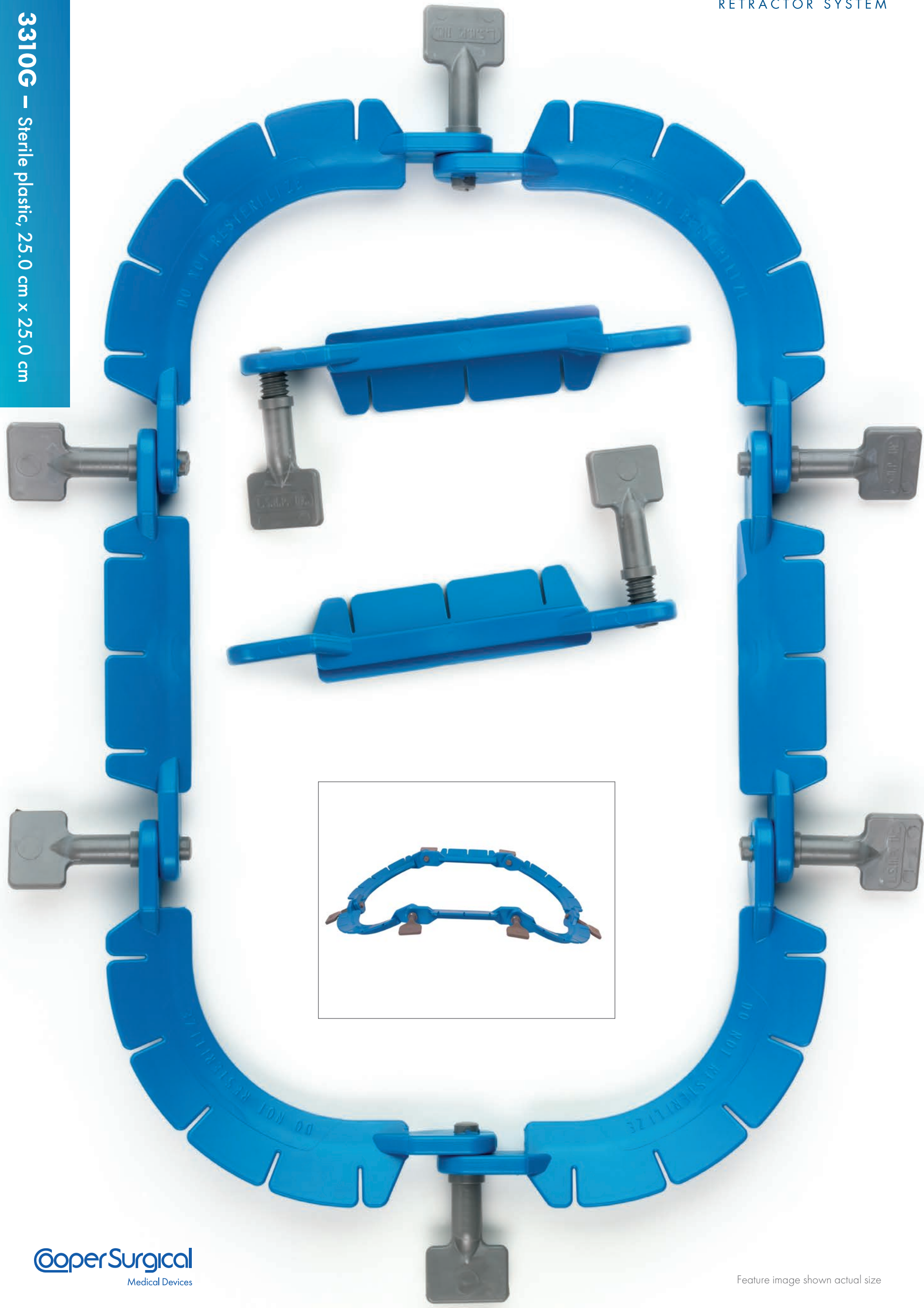
3308G – Sterile plastic, 28.3 cm x 18.3 cm



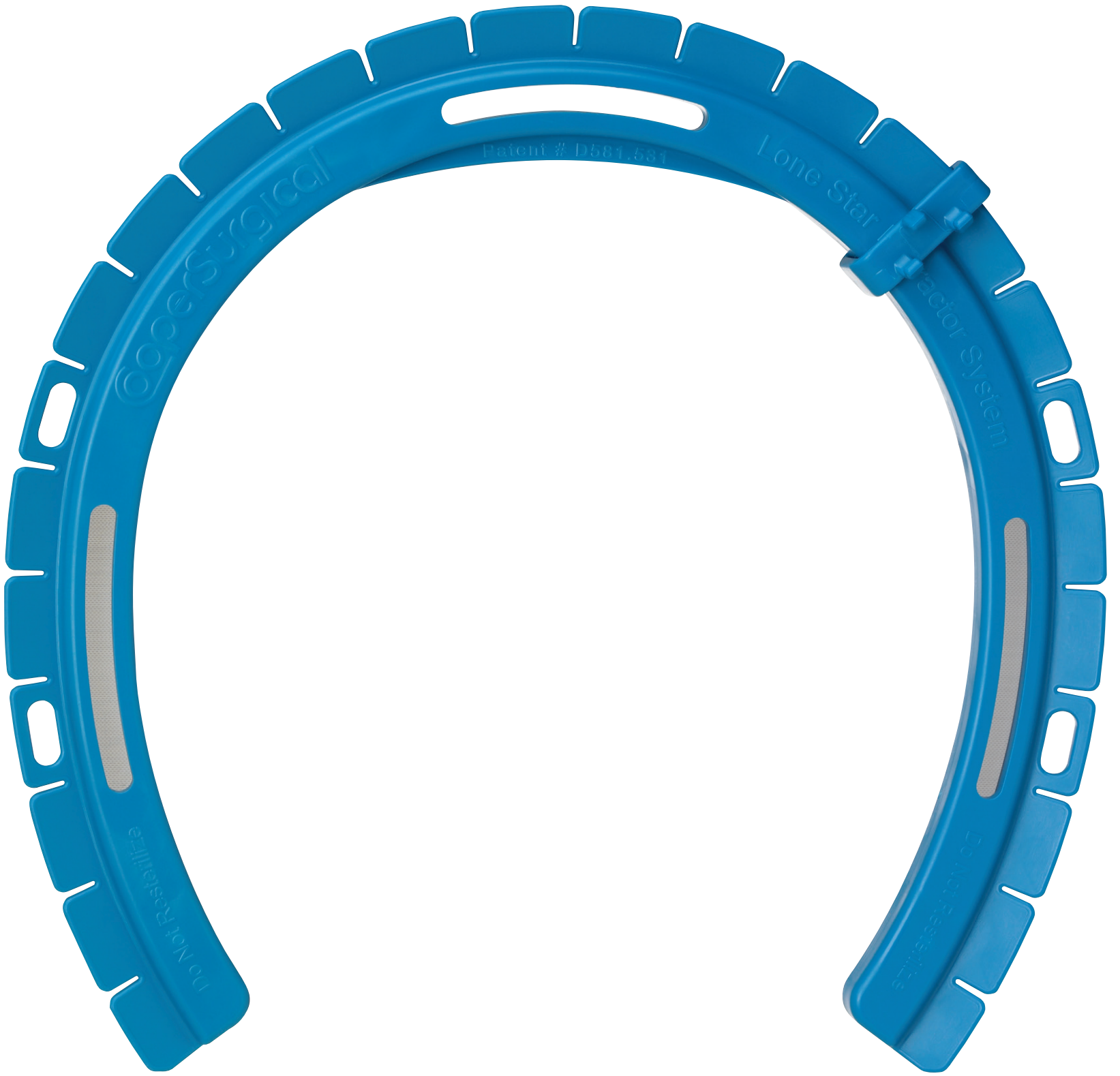
3309G – Sterile plastic, 18.6 cm x 8.9 cm



3310G – Sterile plastic, 25.0 cm x 25.0 cm



3715 – Sterile plastic, 16.6 cm x 16.6 cm



3301G – Sterile plastic, 25.3 cm x 11.3 cm



3302G – Sterile plastic, 22.0 cm x 11.3 cm

