

## SLICE ANCHORS

A slice anchor provides a convenient means to securely hold a tissue in place in an imaging and recording chamber.

Warner slice anchors are designed such that the anchor snugly grips the side wall of the chamber. This strategy permits precise pressure adjustments to be made on the tissue slice without damaging the sample.

Slice anchors are made from either stainless steel or plastic. Stainless steel anchors come are u-shaped and have the additional benefit of providing an adjustable grip to the sides of the chamber. By comparison, the rectangular shape of the plastic anchor is designed for a particular chamber and is not adjustable.



Anchors come with Lycra® threads attached at 1.0, 1.5, or 2.0 mm spacing to accommodate the dimensions of your sample and the characteristics of your measurements.

## KITS

Several slice anchor kits are available for Warner chambers and are described below. Each kit comes with nylon mesh in two sizes (112 micron and 160 micron) that may be cut and used in conjunction with the slice anchor.

Kit Name	Fits
<b>SHD-22KIT</b>	Fits <b>RC-22</b> chambers. Contains two (2) stainless steel anchors with 0.1 mm Lycra® threads at 1.0 mm and 1.5 mm spacing, each.
<b>SHD-22CKIT</b>	Fits the wider <b>RC-22C</b> chambers. Contains two (2) stainless steel anchors with 0.1 mm Lycra® threads at 1.0 mm and 1.5 mm spacing, each.
<b>SHD-26KIT</b>	Fits <b>RC-26</b> chambers. Contains three (3) stainless steel anchors with 0.1 mm Lycra® threads at 1.0 mm, 1.5 mm and 2.0 mm spacing, each.
<b>SHD-26GKIT</b>	Fits the wider <b>RC-26G</b> chambers. Contains three (3) stainless steel anchors with 0.1 mm Lycra® threads at 1.0 mm, 1.5 mm and 2.0 mm spacing, each.
<b>SHD-27KIT</b>	Fits <b>RC-27</b> chambers. Contains three (3) stainless steel anchors with 0.1 mm Lycra® threads at 1.0 mm, 1.5 mm and 2.0 mm spacing, each.
<b>SHD-27LKIT</b>	Fits the wider <b>RC-27L</b> and <b>RC-29</b> chambers. Contains three (3) stainless steel anchors with 0.1 mm Lycra® threads at 1.0 mm, 1.5 mm and 2.0 mm spacing, each.
<b>SHD27LPKIT</b>	A plastic version of the <b>SHD-27LKIT</b> . Fits the wider RC-27L and RC-29 chambers. Contains three (3) polycarbonate anchors with 0.1 mm Lycra® threads at 1.0 mm, 1.5 mm and 2.0 mm spacing, each.
<b>SHD-NKIT</b>	Fits the narrower <b>RC-27N</b> chambers. Contains three (3) stainless steel anchors with 0.1 mm Lycra® threads at 1.0 mm, 1.5 mm and 2.0 mm spacing, each.

## MAINTENANCE

Cleaning of stainless steel and polycarbonate components should be performed using a dilute detergent solution or our trisodium phosphate (TSP) wash protocol.

Rinse well and store dry. Use care when cleaning not to damage the Lycra® threads. Threads are attached to the anchor using cyanoacrylate adhesive. If a thread comes loose it may be possible for the user to perform a re-attachment procedure.

**NOTES:** The TSP wash protocol can be downloaded in PDF format from our website. Do not use alcohol, ether or other solvents to clean the anchors since the plastic components or adhesives could be damaged.