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CENTRIFUGE PRODUCT SCREEN RETAINER RINGS INSTALLATION PROCEDURE

Round bands

The following filter screen retainer ring procedure, is to be implemented after the basket filter screen has been successfully installed in the basket. Note: the basket should also be clean of product residue.

1. Inspect both upper and lower screen rings for proper material of construction and structural integrity; make any repairs necessary.
2. Prepare the centrifuge for man entry i.e., lock and tag out the centrifuge per local safety regulations etc.
3. Take the supplied screen connector pin, and install it in the hole to one of the band halves, i.e. the opposite end from where the ring expansion device fits.
4. Insert one pair of rings into the basket, see Dwg. 093-1699-00-2 for details of orientation.
5. Take the ring half with no pin and engage into the similar hole in the ring thus joining them together. Note: it is best to let the two ends that have just been coupled rest on the basket bottom and raise the two uncoupled ends up high enough for engagement of the expansion device.
6. Take the expansion device and thread it all the way into the end of the ring that is threaded, see Dwg. 093-1699-00-2 for details
7. Lower the assembled ring to the bottom of the basket ensuring that it does not push down and or wrinkle the filter screen.
8. After checking that the screen and the ring are properly installed, make any required adjustments, turn the expansion device with an appropriate tool so that it unthreads i.e. expands the two ring halves thus locking the ring in place.
9. Repeat the same procedure for the upper ring pair except that rather than raising it up to engage the expansion device, lower it down. After the expansion device is installed, raise the ring pair up underneath the basket cap and expand the rings until they are locked in place.