



New Products

HERRINGBONE

Q C Screen Company has developed a high performance screen pattern to remove a greater percentage of split beans from whole beans. This innovative design incorporates a **herringbone** pattern with slotted holes strategically angled to tip and drop split beans through the openings.

Historically, cross-slot or parallel-slot patterns have been used to remove splits from beans. In most cases, the split bean width is greater than the width of the perforated opening. This can allow split beans to span the opening and remain in the whole bean product flow.

With the **Q C herringbone** pattern it is difficult for the split bean to span the opening since it traverses the opening at an angle. The angled perforated slot helps tip and drop the split beans through the opening. In addition to the herringbone pattern, the length of the slot has been increased from 3/4" to 1- 1/4" providing a greater amount of open area which has proven to increase screening efficiency.

In independent tests performed on soybeans and edible beans, the **herringbone** pattern out performed cross-slots and parallel-slots consistently by 8 – 15%. Performance will vary depending on variety and size of product. It has been noted the **herringbone** pattern works extremely well on fresh split beans that have part of the skin attached and projects beyond the body of the split.

The 1-1/4" **herringbone** patterns are available in 9/64, 10/64, 10-1/2, 11/64, 11-1/2, 12/64, 12-1/2/64 and 13/64 widths.



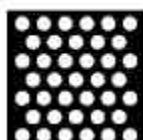
The **herringbone** pattern has also been utilized in forage scalping applications for removal of long trashy foreign material with exceptionally results. The herringbone pattern is available in several small size perforations.

ULTRA CAP

Q C Screen Company has developed yet another high performance screen pattern to increase the efficiency and performance of your air/screen cleaner. This new innovative design provides a higher percent of open area by punching holes closer together.

Typically, most perforated screens have 35 – 45% open area in round and oblong shapes. With QC's state-of-the-art perforating equipment the open area can be increased by 15 – 35% depending on hole size and configuration. This has increased screening performance and efficiency in virtually every application tested.

Standard



Ultra-Cap

