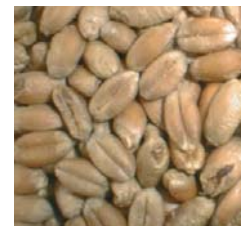


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Indented Cylinders

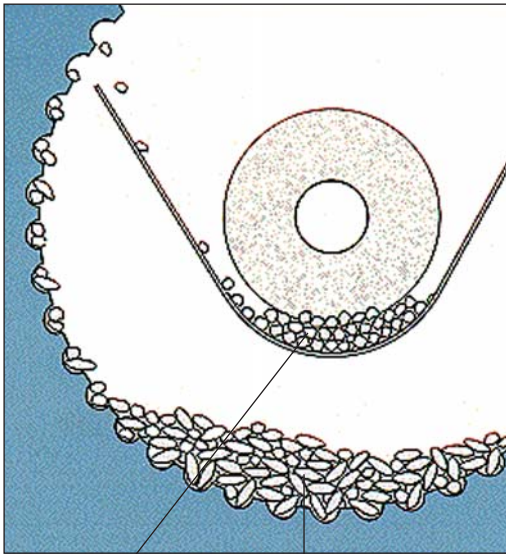


Indented Cylinders

Indented Cylinders

The Indented Cylinders for length grading are available as single or double units. The cylinders are made of special sheet steel in two halves with pressed precision indentations.

Principle of operation on Indented Cylinder unit



broken rice head rice

Many grains, seeds, kernels and other granular materials that must be separated are of almost identical dimensions, except for differences in their length. By taking advantage of these length differences, exact separations can be made by Indented Cylinders. Thousands of precise pockets (indents) pressed into special steel plates formed to a cylinder lift the stock. They are designed to carry and positively reject anything shorter.

The capacity of Indented Cylinders largely depends on the percentage of material to be lifted by the indents. In other words, under normal circumstances, a minor percentage of shorter material must be removed from the major portion which is longer. In rice mills, the main task of Indented Cylinders is the separation of broken rice from head rice.