

## Magnetic Inserts for Fabricated and Standard Cast Pipeline Strainer Baskets



Magnetic strainer element captures microscopic iron and steel particles

**A**lthough a mesh lined Eaton strainer basket will catch and remove very small unwanted particles (down to 400 mesh), there are applications where microscopic iron or steel particles are present in the fluid. Because of their size they will often pass through the finest mesh screen. The problem is particularly prevalent whenever there is wear of iron or steel parts against each other in the system. Examples are cooling or lubricating lines to bearings, liquids being processed on rolls or roller mills such as paint or ink, and any material passing through a gear system.

A simple, cost-effective way to remove these damage-causing particles is to install magnetic inserts in the Eaton strainer basket. All the fluid passes over the powerful magnets, which catch the fine steel or iron particles that may otherwise pass through the mesh lining of the basket. The magnets are Alnico, guaranteed to retain their magnetism indefinitely, and so powerful they will hold metal several times their own weight. They are completely encased and sealed in a 1/8" thick type 316 stainless steel shell—thus assuring freedom from contamination or corrosion.



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