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FREDERICK CROWTHER AND SON LTD

CROMAR

EST 1955

Magnetic Inline Filters

Used for fine polishing coolant usually used for through turret or spindle applications.



“Reliable swarf
and coolant
management”

Applications

Ideal for single cell machines and smaller wash stations. The manual clean magnetic filter can be easily installed on new or existing equipment. With a high intensity magnetic core and patented fluid flow path, removal of almost 100% of ferrous contamination is ensured.

- ⦿ High collection capacity relative to size
- ⦿ Non-block design
- ⦿ Easy clean
- ⦿ Compact design
- ⦿ No reduction in pressure or flow
- ⦿ Machining centers

How it works...

Contaminated fluid enters the inlet port where it is dispersed by the unique tapered radial flow channels. Fluid passes down the outside of the centrally mounted rare earth magnetic core which captures contamination particles along its length, resulting in excellent filtration efficiency.

The geometry of the magnetic flux circuit means that contamination builds up in a controlled way, ensuring that the filter can never block, irrespective of how much contamination is held. Channels remain open allowing fluid too continue to flow freely.

The filtered fluid flows through the return slots located in the upper section of the magnetic core, down through the centre and exits through the outlet port.

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