

DTI SOLUTIONS

THE dti™ DIAMOND GUARD FILTER

THE PROBLEM

- Plugged or Chipped Orifices
- Premature Wear of Cutting Head Components
- Reduced Jet Stream Coherency
- Inefficient Cutting

Within the internal components of every waterjet system, errant particles become dislodged and travel through the high pressure lines. These particles end up at the waterjet orifice, impacting and potentially damaging the orifice edge. When debris is larger than the hole in the orifice, the orifice assembly becomes plugged or partially blocked.

THE SOLUTION

The dti™ Diamond Guard Filter is designed to simply and effectively capture debris larger than .0055" (0,14mm) from impacting or blocking the orifice. Any particles small enough to pass through the DG Filter will also exit safely through the hole of the waterjet orifice.

DG Filters and Adapters allow for ease of installation in any waterjet system's 1/4" or 3/8" high pressure lines. The DG Filter is installed as close to the waterjet orifice assembly as possible, with the most common location being in the HP fitting at the on/off valve assembly.

When paired with any dti™ orifice assembly, the dti™ Diamond Guard Filter ensures precision cutting throughout every job.



To Request A Quote:

Contact your waterjet parts supplier or contact us for your nearest authorized distributor: info@dtiINSIDE.com

DIAMOND GUARD FILTERS

◆ PROTECT YOUR INVESTMENT



M-FIL-01
3/8" Diamond Guard Filter
M-ADP-06
3/8" Diamond Guard Insert

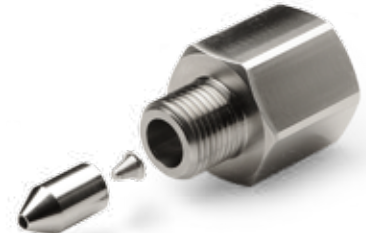


MA-FIL-07
1/4"F to 3/8"M Diamond Guard Filter Assembly

MA-FIL-07NF
1/4"F to 3/8"M DGF Body & Insert (No Filter)



MA-FIL-03
3/8" Diamond Guard Filter & Insert Combo



MA-FIL-08
1/4"F to 1/4"M 90K PSI Diamond Guard Filter Assembly

MA-FIL-08NF
1/4"F to 1/4"M 90K PSI DGF Body & Insert (No Filter)



MA-FIL-02
3/8"F to 3/8"M Diamond Guard Filter Assembly
MA-FIL-02NF
3/8"F to 3/8"M DGF Body (No Filter)



MA-FIL-09
M16 F to M16 M Diamond Guard Filter METRIC M16-1.5 Threads

MA-FIL-09NF
M16 F to M16 M DGF Body & Insert (No Filter) METRIC M16-1.5 Threads



MA-FIL-06
1/4"F to 1/4"M Diamond Guard Filter Assembly
MA-FIL-06NF
1/4"F to 1/4"M DGF Body & Insert (No Filter)



M-HOU-02
3/8"F to 3/8"F Diamond Guard Filter Inline Housing