



PERMALIGN® V-SERIES MINI HOPPER

The variable aperture Permalign® V-Series Mini Hopper increases abrasive waterjet cutting productivity and profitability by allowing waterjet operators to easily make adjustments to abrasive flow, minimizing abrasive consumption.

The Permalign® V-Series Mini Hopper's water resistant design helps prevent annoying abrasive clogs that can cause stoppages and scrap out expensive material. Built for the harsh abrasivejet environment, the Permalign® V-Series Mini Hopper does not require an enclosure, allowing for much cleaner operation. The mini hopper is infinitely adjustable between 0.10 pounds per minute to 2 pounds per minute and features improved venting of excess abrasive.

The Permalign V-Series Mini Hopper is available as a replacement part for all Jet Edge abrasive waterjet cutting systems.

The variable aperture has a numbered knob that adjusts the amount of abrasive that is supplied to the abrasivejet. The abrasive flow rates in the following table are estimates:

Abrasive Flow (lbs/min)*

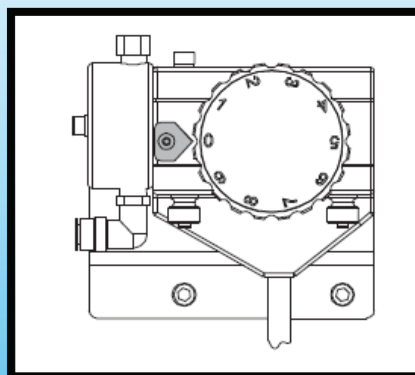
Dial Setting	#50	#80	#120
1	-	0.10	0.13
2	0.19	0.25	0.28
3	0.33	0.38	0.45
4	0.50	0.50	0.62
5	0.65	0.75	0.81
6	0.87	1.0	1.0
7	1.1	1.25	1.2
8	1.4	1.5	1.5
9	1.7	1.8	1.7
10	1.8	2.0	1.9

* Flow rates determined using Barton Abrasive, flow rates vary by brand of abrasive.



A Cut Above:

- Water Resistant to Help Prevent Clogs
- Easily Adjustable - Saves Garnet
- Clean Operation - No Enclosure
- Improved Venting of Excess Abrasive



Specifications subject to change.

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