



ES-2 Purgeable Nozzle Filter

Your Innovative Edge

- Effective filtration to your specifications.
- Large flow area ensures low pressure loss.
- Easy to clean, no disassembly required.
- May be used with reinforced materials.
- Optional nitriding may be used with slightly aggressive materials.
- Optional CVD coating is recommended when used with materials with 15-20% or more glass-fiber reinforcement.

NEW



HM HMM SOLUTIONS INC

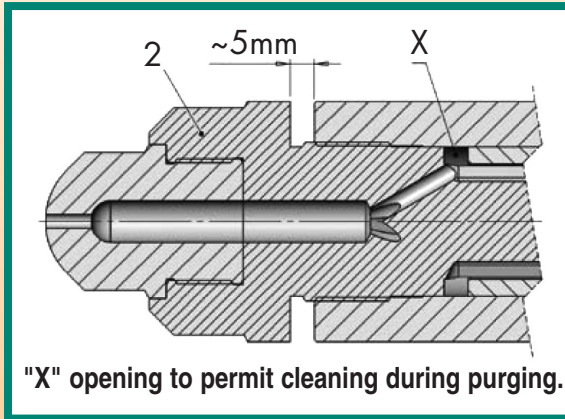
ES-2 PURGEABLE NOZZLE FILTER

Material: _____ Shot Weight _____

Injection Molding Press: _____

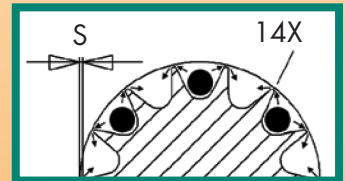
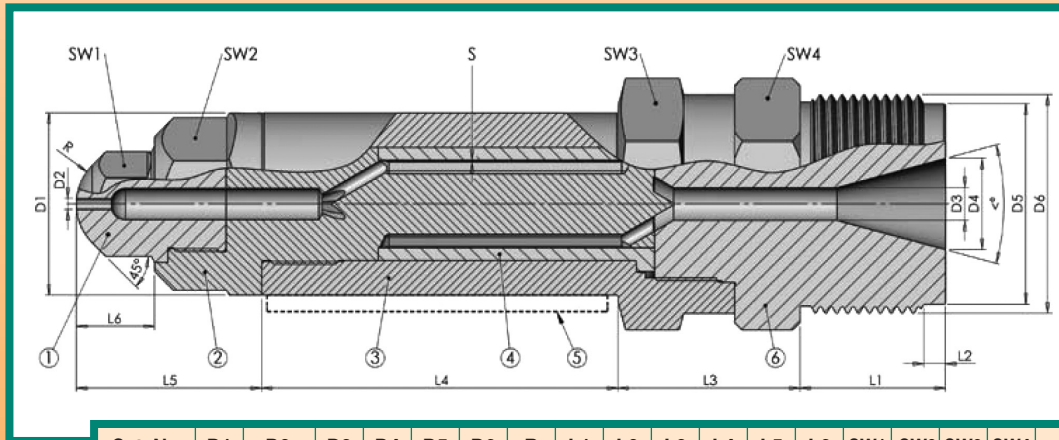
Molding Pressure: _____

Optional Nitriding: _____ Optional CVD Coating: _____



EASY PURGE CLEANING

ES-2 Standard Nozzle Filters can be easily purge cleaned by unscrewing the nozzle tip (#2) 2-5 mm (0.080-0.200") and then slowly purging the machine barrel.



Nozzle filter gap size is determined by height of the ribs relative to the "id" of nozzle filter and can be easily increased by simple grinding.

Cat. No.	D1	D2	D3	D4	D5	D6	R	L1	L2	L3	L4	L5	L6	SW1	SW2	SW3	SW4	<i>S gap size</i>	<i>S*</i>	
ES-2/40	40	2 - 4.5	8							40	80	~42	~17	21	34	46	46	0.15	0.25	0.4
ES-2/50	50	3 - 6	9							50	100	~51	~21	25	41	60	60	0.25	0.4	0.6
ES-2/60	60	4 - 8	11							54	118	~60	~26	32	50	70	70	0.3	0.5	0.7

*Choose your gap size "S" from one of the three values given in italics.

	ES-2/40			ES-2/50			ES-2/60		
Gap size "S" [mm]	0.15	0.25	0.4	0.25	0.4	0.6	0.3	0.5	0.7
Nozzle opening (Ø) [mm]	0.5-1.0	0.7-1.5	1-2.2	0.7-1.5	1-2.2	1.6-3.5	0.8-2	1.4-3	2-4
Total flow opening [mm ²]	112	186	300	225	360	540	370	620	860
Max injection weight [grams]	400	750	1300	850	1500	2400	1600	2800	4000
~Pressure loss [%]	~6	~5	~4	~6	~5	~4	~6	~5	~4

Part No.	Steel	HRC	Nitride	CVD
1	W1.2343	48-50	◦	◦
2	W1.2343	~45	yes	◦
3	W1.2343	~45		
4	W1.2343	~45	yes	◦
6	W1.2343	~45		

◦ Optional upon request.