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- Ideal for use with regrind material
- Three Different Sizes
- For Use With Removable Tip Nozzles
- Different Steels Available
- 1000's Sold Around the World
- Easy to remove and clean
- Hasco and Kona Compatible
- Filtered Material Trapped away from Melt Flow
- High Performance Filtration

The melt flow is forced through a melt hole and down a dead end groove, whereby it is forced over a weir which may be grooved for extra flow and filtration if necessary. Any contamination is trapped over the weir or between the "teeth" of the grooves. The "linear" style of the filter and its standard length of 67 mm makes it easy to clean and ensures long operational cycles before cleaning is required.

Hasco Compatible ETFo

Dia: 14 mm Length: 45 mm Dimensionally compatible with the Hasco Z10P small filter. Small tonnage, small shot machines, low viscosity materials. Traps contaminants away from melt flow. Uses standard 7/8"-14 tip

NM Standard ETF1

Dia: 16 mm Length: 67 mm
For small, medium and some large (800 tonne) machines, using low viscosity materials. Long linear edge ensures long operating time before its next clean. Will also mix material for homogenised melt. Uses standard 7/8"-14 tip

KONA F-BIG Compatible ETF2

Dia: 22.0 mm Length: 101.6 mm

Large size for high tonnage machines, high viscous/heat sensitive materials or large shot weights. Needs a special KL1 style tip. Uses oversize 1 1/4"-8 KN tip



KONA F-BIG Compatible ETF2 Dia: 22mm Length: 101.6mm Wier depth 0.2mm



Standard ETF1
Dia: 16mm Length: 67mm
Wier depth 0.25mm



Hasco Compatible ETF0
Dia: 14mm Length: 45mm
Wier depth 0.2mm

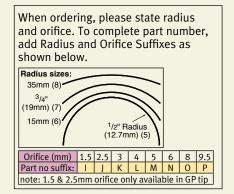
Description	Material	Part no
Small Hasco Compatible Filter	316 Stainless Steel	ETFOS
	Nitrided H13 Steel	ETFON
	HF800 Powder Metallurgy	ETFOP
Standard Filter	316 Stainless Steel	ETF1S
Standard Filler	Nitrided H13 Steel	ETF1N
Large Filter	HF800 Powder Metallurgy ETFLP	

To Order:

Determine regular nozzle required for your machine and add:

Filter from table left

Nozzle tip (state radius and orifice) Complete assembly includes body with machined recess, filter and a tip with a radius and orifice of your choice









Cylindrical Trap Filters

The Tru-Filter plug consists of blind holes with melt entering from screw end and additional blind holes with melt exiting to mould (or nozzle orifice). A 0.38mm clearance space, between nozzle I.D. and plug O.D., provides filtering action to prevent contaminants from reaching the moulded part.

Easily removed (and replaced) for cleaning.

Excellent filtering for particles greater than 0.38mm

Extended filter area provides long operation cyles before removal and cleaning are required.

Provides additional benefit of significant mixing of melt stream with minimum back-pressure.

High Quality Stainless

11/4"-12 Thread

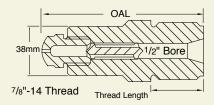
Steel construction



Filter inserts into recess in Nozzle. Note: Styles B & C require oversize KN series tip with 11/4"-12 thread



Filter element: length dia Style A: TPF1 38mm 14.3mm Style B: TPF2 90mm 22.2mm Style C: TPF3 150mm 28.6mm



FOR SMALL SHOTS

For shot size under 400gm. when moulding low viscosity, unfilled materials. 14.3mm diameter filter plug with 0.38mm clearance for filtering out contaminants as well as mixing. Do not use with nozzle orifice larger than 5mm.

FOR MEDIUM SHOTS

Recommended for most moulding applications. Suitable for shot sizes up to 900gm. (generally used with 250gm to 800gm. shots) of medium to low viscosity unfilled materials. 22.2mm diameter filter plug and 19mm diameter nozzle flow path. Uses standard KN series tips with 11/4"-12 thread. Available with 0.38mm filter gap clearance as standard.

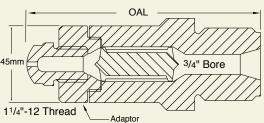
45mm 3/4" Bore

OAI

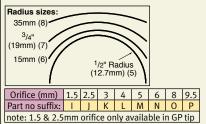
Thread Length

require oversize KN series tip with 11/4"-12 thread

Styles B & C



When ordering, please state radius and orifice. To complete part number, add Radius and Orifice Suffixes as shown below.



FOR LARGE SHOTS

Recommended only for shot sizes in excess of 850gm of medium to low viscosity unfilled materials. 28.6mm diameter filter plug and 19mm diameter flow path. Adaptor permits use of our standard KN series tips with $1^{1}/4$ -12 thread. Available with 0.38mm filter gap clearance as standard. No restrictions to nozzle orifice size.

Type	Part no	length	dia
Style A:	TPF1	38mm	14.3mm
Style B:	TPF2	90mm	22.2mm
Style C:	TPF3	150mm	28.6mm

How to order

- 1. Specify make and model of machine
- 2. Advise overall length (OAL) and style (A, B or C)
- 3. Specify radius and orifice.

Options

- 1. T/C hole on hex flat: included
- Extended tips available
- Heaterbands available for all nozzles. Contact factory for proper size and price.







