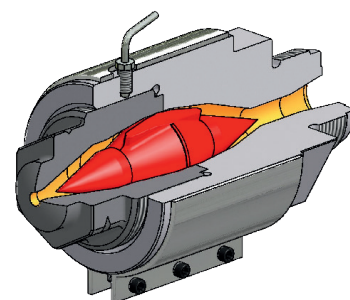


torpedo filtersystem with the optimal rheological design

OFS-FILTERNOZZLE TYPE RS



That **OFS**-filternozzle is especially well suitable for extremely shear- and friction sensitive material and shows particular good properties at frequent changes of colour and material.

APPLICATION FIELDS:

The **OFS**-filternozzle type RS is highly suitable for processing all technical, reinforced plastic, shear- and friction sensitive materials. The nozzle is particularly suitable when frequent changes of colour and material are carried out. At processing reinforced materials, we recommend special coatings. The coatings counteract the abrasive and corrosive attacks of the reinforced materials and increase the life span of the filternozzle.

CLEANING EFFORT:

very simple cleaning (screw out and screw in of parts)

MORE OPTIONS:

- ▶ with shut-off function
- ▶ nozzlehead with dip nozzle
- ▶ nozzlehead with interior thread
- ▶ nozzlebase with needle seat
- ▶ with mixing insert etc.

FILTRATION GAPS:

filtertorpedos with filtration gap S/SP up from 0.1 mm are available

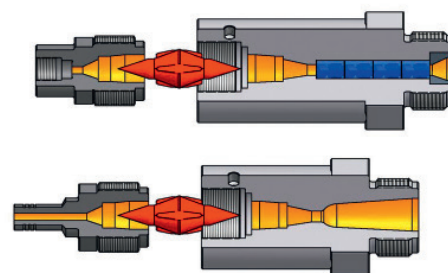
HANDLING:

1. Lift of aggregate.
2. Spray off.
3. Pressure relief (move back the screw).
4. Screw out nozzlehead (ring spanner is included in the delivery).
5. Take out filtertorpedo.
6. If necessary, remove remaining material carefully.
7. Install the changing-set (nozzlehead and filtertorpedo) and tighten it (handle thread with heat resistant molycote).
8. Start again injection moulding process.
9. Clean changing-set (nozzlehead and filtertorpedo) for next cleaning-process.

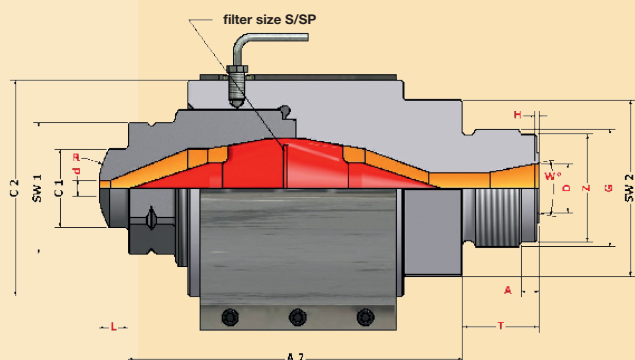
SHOT WEIGHTS:

The possible shot weight is dependent on the material, the filtration gap and the injection time. The **OFS**-filternozzle type RS is offered in five sizes. As a clue, the following datas can be used (filtration gap S= 0.6 mm and material PS)

- type RSI → appr. 150 g
- type RSII → appr. 500 g
- type RSIII → appr. 1.200 g
- type RSIV → appr. 2.500 g
- type RSV → appr. 4.000 g

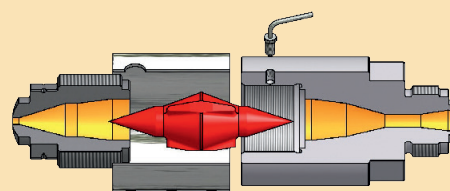


OFS-filternozzle type RS optional with inner thread, mixing insert, needle seat and dip nozzle.



DATA AND STANDARD DIMENSIONS (mm)

		RSI	RSII	RSIII	RSIV
possible shot weight	gr.	150	500	1.200	2.500
max. injection pressure	bar	3.000	3.000	3.000	3.000
length	A2	90	96	127	164
nozzlehead dia	C1	30	30	40	40
nozzlebase dia	C2	60	80	100	110
hexagon nozzlehead	SW1	32	46	60	60
hexagon nozzlebase	SW2	60	80	90	90



OFS-filternozzle type RS „components“



OFS-filtertorpedo type RS

REQUIRED MEASUREMENTS		
machine thread	G	
T/A/D/Z/W°/H		specify if required
filtration gap	SP	
length of nozzlehead	L	
drill	d	
radius / surface	R	

REQUIRED PARAMETERS		
material (MFI)		
shot weight	gr.	
melt temperature	°C	
injection time	sec	
injection pressure spec.	bar	
machine type		
screw dia	mm	