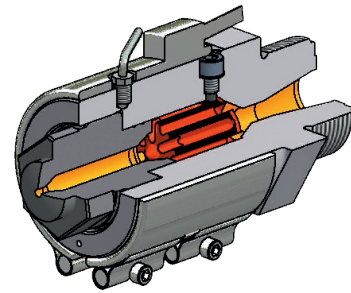




overflow filtersystem with quick-cleaning

OFS-FILTERNOZZLE TYPE UR

That OFS-filternozzle is well suitable for processing non shear- and friction sensitive materials.



APPLICATION FIELDS:

The OFS-filternozzle type UR is well suitable for processing of unreinforced standard materials (f.e. PP, PS, ABS, PA). That nozzle is not recommend for processing of shear- and friction sensitive materials (f.e. POM, PVC, PC). By changing the flow direction during the injection, the nozzle has an additional homogenization and mixing effect.

CLEANING EFFORT:

very simple cleaning (screw out and screw in of nozzlehead).

FILTRATION GAPS:

filterinserts with filtration gap up from $S = 0,2$ mm are available.

HANDLING:

1. Lift of aggregate.
2. Spray off.
3. Pressure relief (move back the screw).

4. Screw out nozzlehead to the beginning of the thread (6). According to the nozzle-type 4-8 mm (ring spanner is included in the delivery).

! Attention, safety warning, screw out only to marked position !

5. Reduce injection pressure. Spray off once or twice in to the open. Observe the safety-regulations!
6. Screw in nozzlehead and tighten it.
7. Start again injection moulding process.

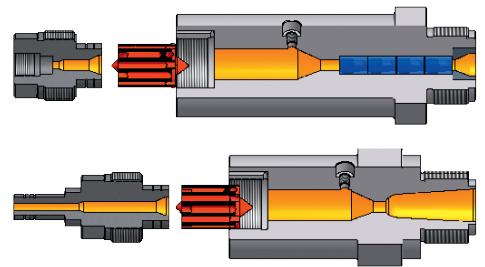
SHOT WEIGHTS:

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

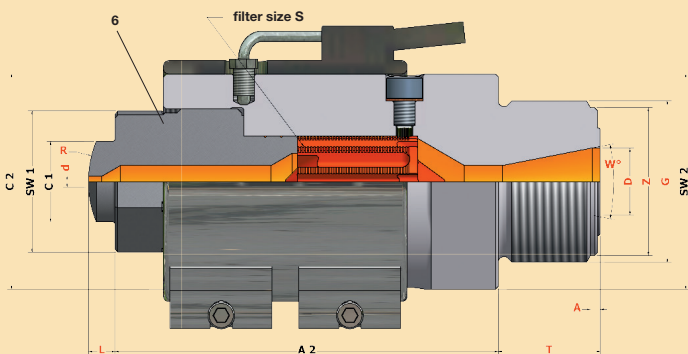
- Type URI → ca. 400 g
 Type UR II → ca. 1.300 g
 Type UR III → ca. 3.000 g

MORE OPTIONS:

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

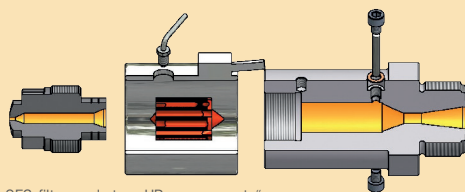


OFS-filternozzle type UR optional with inner thread, mixing insert, needle seat and dip nozzle.

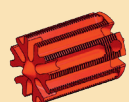


DATA AND STANDARD DIMENSIONS (mm)

		URI	UR II	UR III
possible shot weight	gr.	400	1.300	3.000
max. injection pressure	bar	3.000	3.000	3.000
length	A2	115	140	170
nozzlehead dia	C1	30	30	40
nozzlebase dia	C2	60	80	100
hexagon nozzlehead	SW1	32	46	60
hexagon nozzlebase	SW2	60	80	90



OFS-filternozzle type UR „components“



OFS-filterinsert type UR

REQUIRED MEASUREMENTS

machine thread	G	
T/A/D/Z/W°/H		specify if required
filtration gap	S	
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	