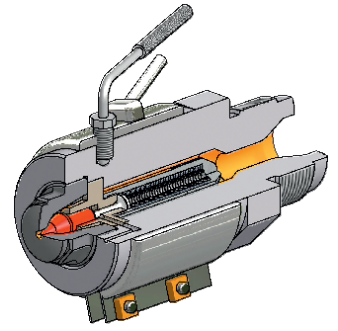


shut-off function spring operated

OFS-shut-off nozzle type FV

the nozzles is opened through the injection pressure and closed by an integrated spring



APPLICATION FIELDS:

The **OFS**-shut-off nozzle is spring operated and is open through the injection-pressure. At a specific pressure of appr. 200 bar, the nozzle is opened and the needle gives the flow canal free. The **OFS**-shut-off nozzle is suitable for all thermoplastic materials. The choice of the nozzle-size depends on the injection rate and the screw diameter.

NOZZLE SIZES:

The **OFS**-shut-off nozzle is available in 3 sizes. For selection, the following data can be used:

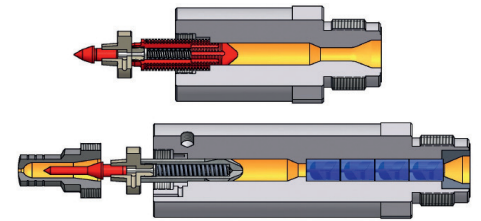
- Type FVI → screw diameter up to appr. 20 mm
- Type FVII → screw diameter appr. 18 – 50 mm
- Type FVIII → screw diameter appr. 50 – 100 mm

FEATURES:

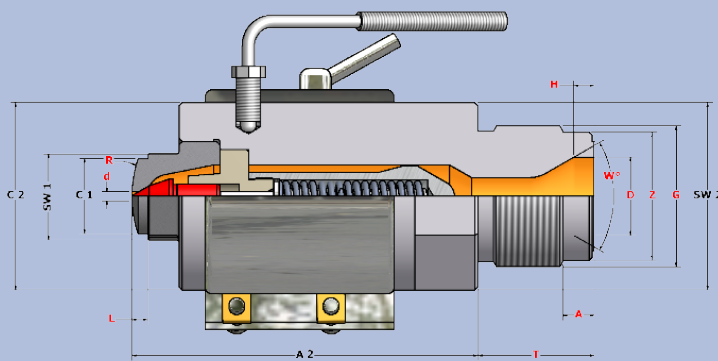
- ▶ opening pressure appr. 200 bar
- ▶ temperature resistance of the spring up to appr. 350°C / 450°C
- ▶ high resistance against abrasion and corrosion
- ▶ nozzle complete with suitable heater and thermocouple

YOUR BENEFIT:

1. shorter cycle times
2. higher process security at the injection moulding
3. compact and robust construction of the nozzle
4. all parts are exchangeable
5. all spare parts are available
6. easy mounting and disassembly
7. easy handling

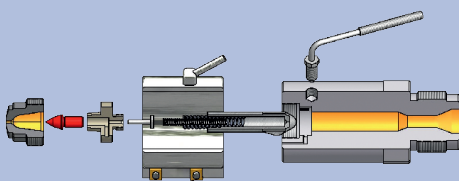


OFS-spring shut-off nozzle type FV optional with inner thread, mixing insert, filtration und dip nozzle.



DATA AND STANDARD DIMENSIONS (mm)

		FVI	FVII	FVII schlank	FVIII
screw dia	mm	bis ca. 20	18-50	18-50	50-100
max. injection pressure	bar	2.000	2.000	2.000	2.000
length	A2	85	110	110	145
nozzlehead dia	C1	17	24	24	30
nozzlebase dia	C2	40	60	45	60
hexagon nozzlehead	SW1	24	27	27	46
hexagon nozzlebase	SW2	41	60	46	60



OFS-shut-off nozzle type FV „components“



OFS-shut-off unit type FV

REQUIRED MEASUREMENTS

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