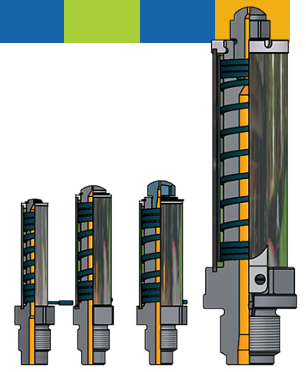


plastic-leakproof OFS-nozzle in standard and special design

plastic-leakproof OFS-nozzle

high quality steel vacuum hardened, incl. coil heater and integrated thermocouple
sealing- and contact surfaces polished, flow canal polished



APPLICATION FIELDS:

The plastic-leakproof OFS-machine nozzle is especially designed for applications in deep and thin mold dimensions. Because of the high end heaters, the nozzles ensure an optimum temperature and allow especially the processing of technical and high temperature plastic materials. Because of the protective pipe on the nozzle base, the heater is insulated absolutely plastic leakproof and so there is no production breakdowns caused through damaged heaters.

The results are less costs for maintenance, less production breakdowns, longer machine runtimes, ... Another application is the saving of raw materials. Because of the thin, long design and the optimum heating, the nozzles allow a deeper sprue bush and so it is possible to reduce the raw material for the sprue (comparable with a hot runner nozzle). The plastic-leakproof OFS-machine nozzle is available in 4 standard designs. Of course, other dimensions and special designs can be also supplied.

OPTIMUM PRODUCTION CONDITIONS:

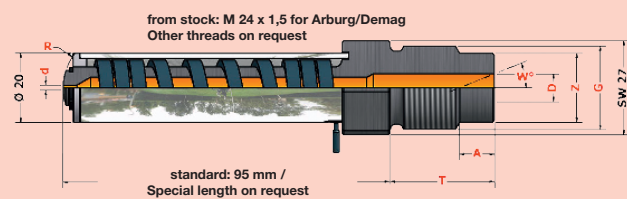
- ▶ optimum heating
- ▶ save of raw material
- ▶ less maintenance costs
- ▶ less production breakdown
- ▶ longer machine running time
- ▶ short amortization
- ▶ absolute plastic leakproof
- ▶ no overmoulding of the heaters
- ▶ strong design
- ▶ modular design

VERSIONS OF THE PLASTIC-LEAKPROOF OFS-NOZZLE

TYPE 0



exploded view of a plastic-leakproof OFS-machine nozzle type 0

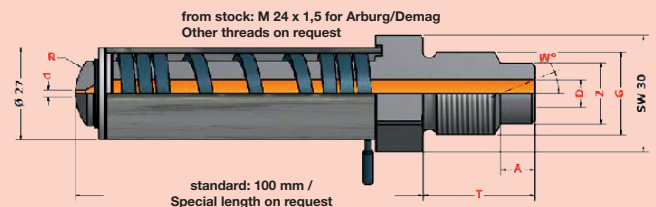


sample for a plastic-leakproof OFS-machine nozzle type 0

TYPE 1



exploded view of a plastic-leakproof OFS-machine nozzle type 1



sample for a plastic-leakproof OFS-machine nozzle type 1

REQUIRED MEASUREMENTS (mm)		
machine thread	G	
radius / surface	R	
drill	d	
depth dia	H	
dia	D	
alignment dia	Z	
length alignment dia	A	
length thread	T	
angle	W°	

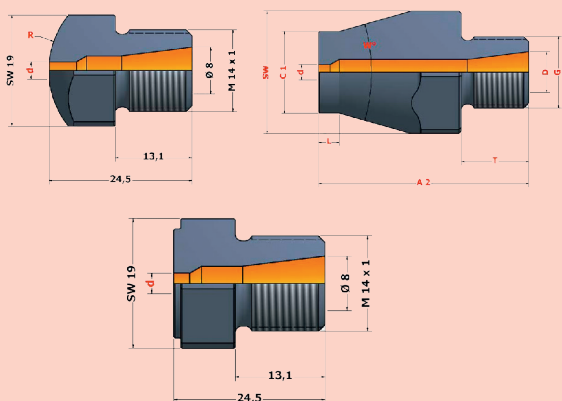
REQUIRED MEASUREMENTS (mm)		
machine thread	G	
radius / surface	R	
drill	d	
depth dia	H	
dia	D	
alignment dia	Z	
length alignment dia	A	
length thread	T	
angle	W°	

MODELS OF THE PLASTIC-LEAKPROOF OFS-NOZZLE

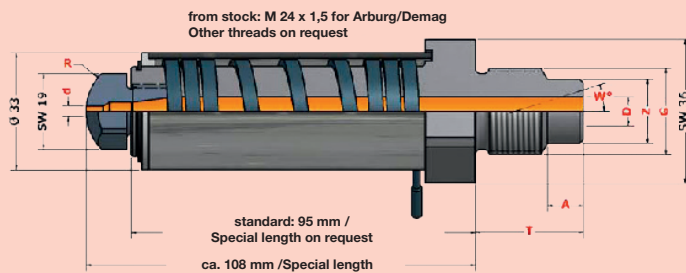
TYP 1-DS



exploded view of a plastic-leakproof OFS-machine nozzle type 1-DS

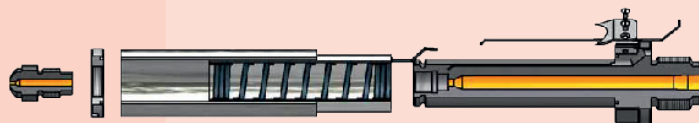


sample for a plastic-leakproof OFS-machine nozzle type 1-DS nozzle tip



example of a plastic-leakproof OFS-machine nozzle type 1-DS

TYP 2



exploded view of a plastic-leakproof OFS-machine nozzle type 2



sample for a plastic-leakproof OFS-machine nozzle type 2

REQUIRED MEASUREMENTS (mm)

machine thread	G	
radius / surface	R	
drill	d	
length	L	
total length	A2	
contact dia	C1	
depth dia	H	
dia	D	
alignment dia	Z	
length alignment dia	A	
length thread	T	
angle	W°	

REQUIRED MEASUREMENTS (mm)

machine thread	G	
radius / surface	R	
drill	d	
depth dia	H	
dia	D	
alignment dia	Z	
length alignment dia	A	
length thread	T	
angle	W°	