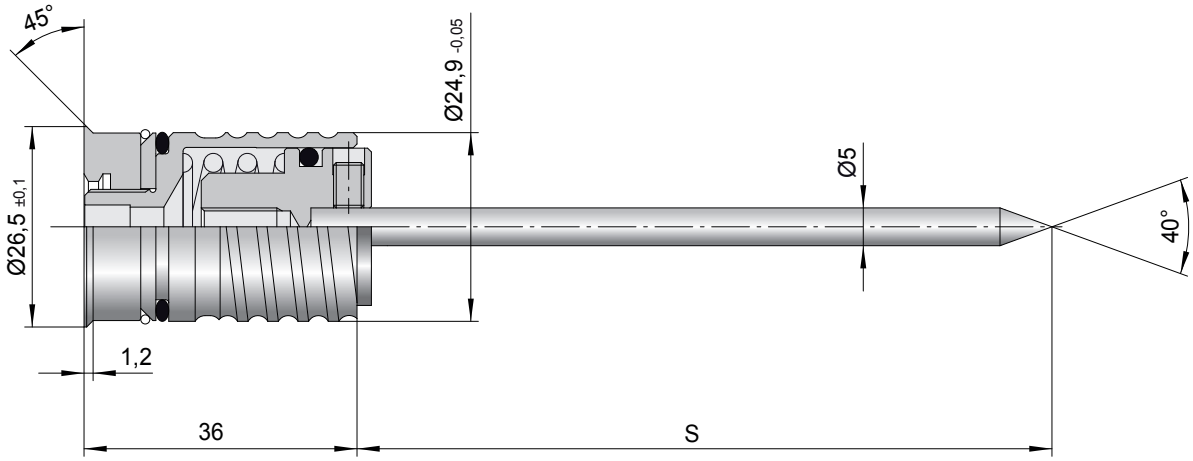
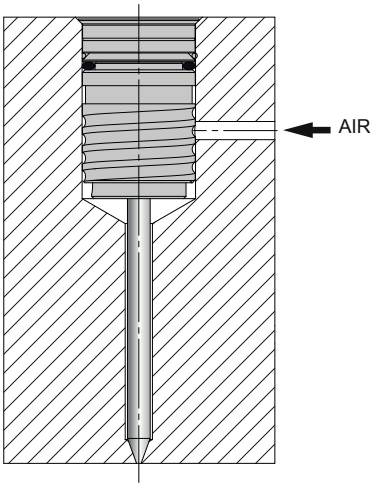
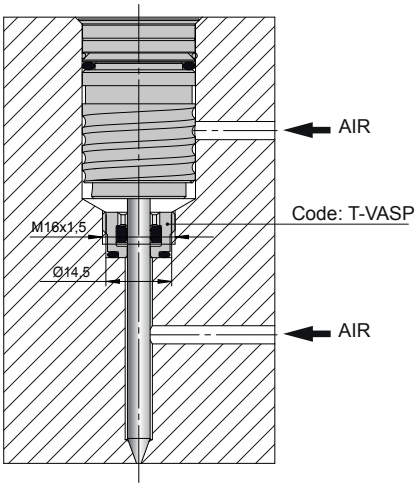
Air needle valve



CODE	S
VASP-C	100
VASP-L	200



SINGLE AIR FEEDING



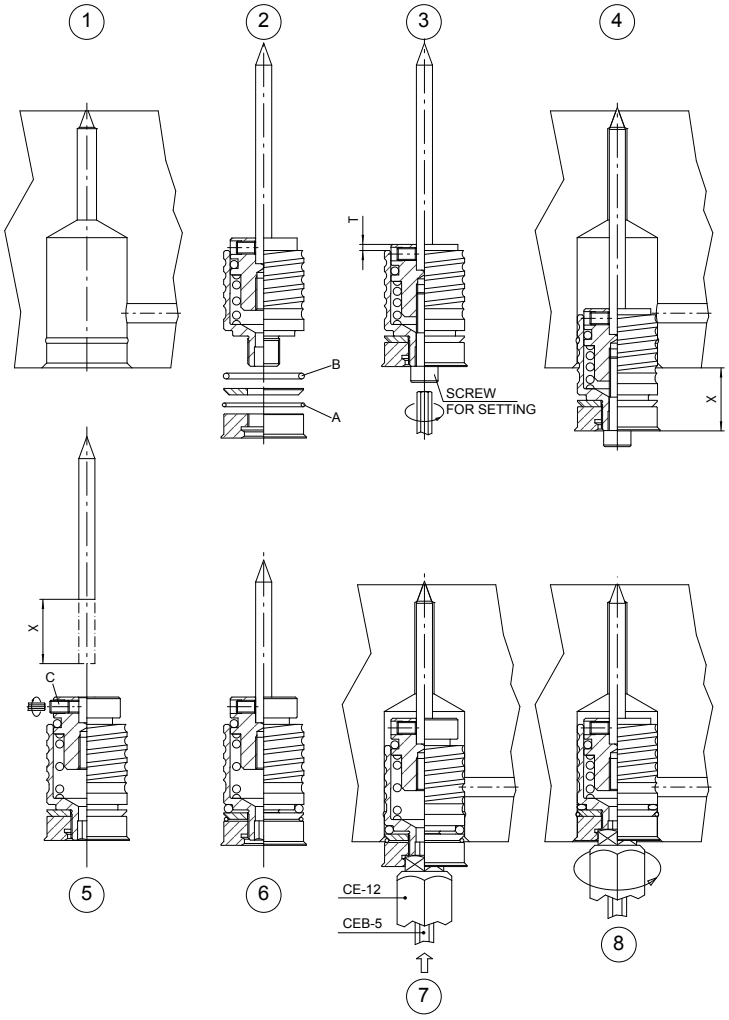
DOUBLE AIR FEEDING

CHARACTERISTICS

1. VERY LIMITED ENCUMBRANCE;
2. LIMITED JAMMING RISK;
3. IDEAL IN CASE OF AESTHETIC SURFACES;
4. MAXIMUM WORKING TEMPERATURE 200°C;
5. DOUBLE AIR FEEDING APPLICATION TO MAXIMIZE AIR FLOW RATE INTO THE CAVITY.

Application process

1. Machine the seat.
2. Take off the metal ring “A” and the O-ring “B”, re-assemble the washer and the ring nut until it reaches the mechanic stop .
3. Set the “T” dimension with the setting screw.
4. Insert the air valve into the seat and take the “X” dimension.
5. Take off the setting screw, unloose the dowel “C”, remove the needle and shorten it in the rear part of the dimension “X” .
6. Re-assemble the metal ring “A” and the O-ring “B”.
7. Insert the valve into the seat.
8. Fix the valve with the proper keys pressing simultaneously the valve toward the inside.



SETTING

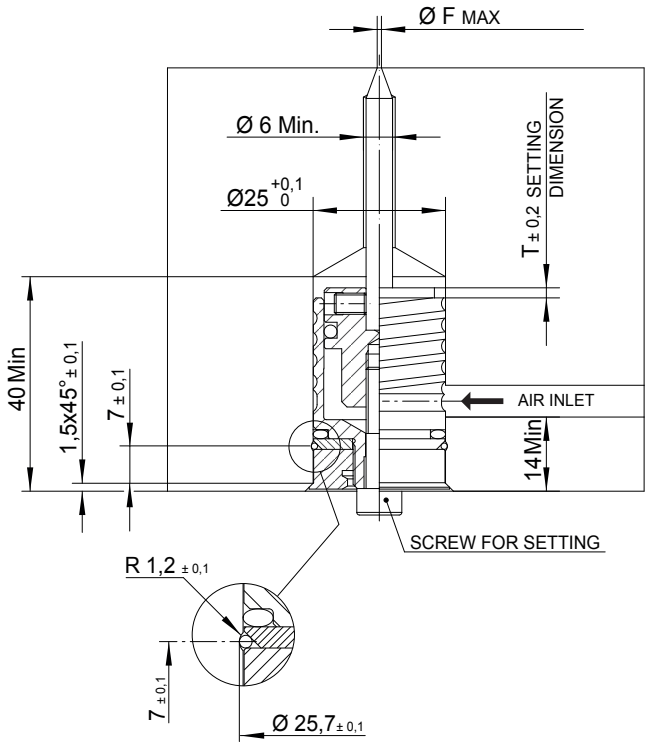
AVAILABLE PRESSURE (bar)	ØF MAX (mm)	SETTING T ±0,2mm
6÷8	0,8	3,5
8÷10	1,0	2
10÷12	1,2	1

N.B.:

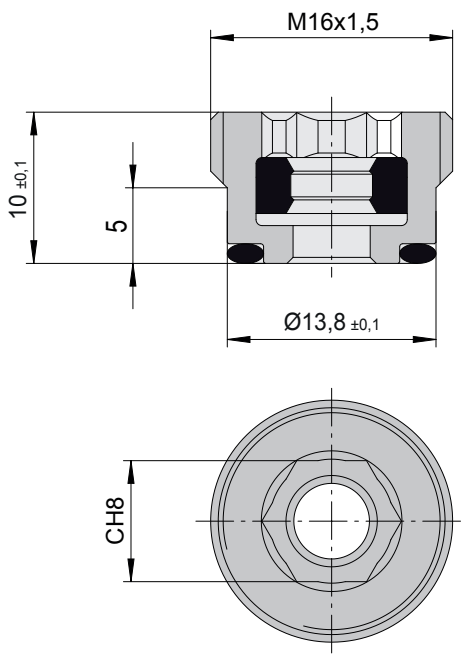
The values expressed in the schedule refer to a moulding pressure of 1000Kg/cm² Max.

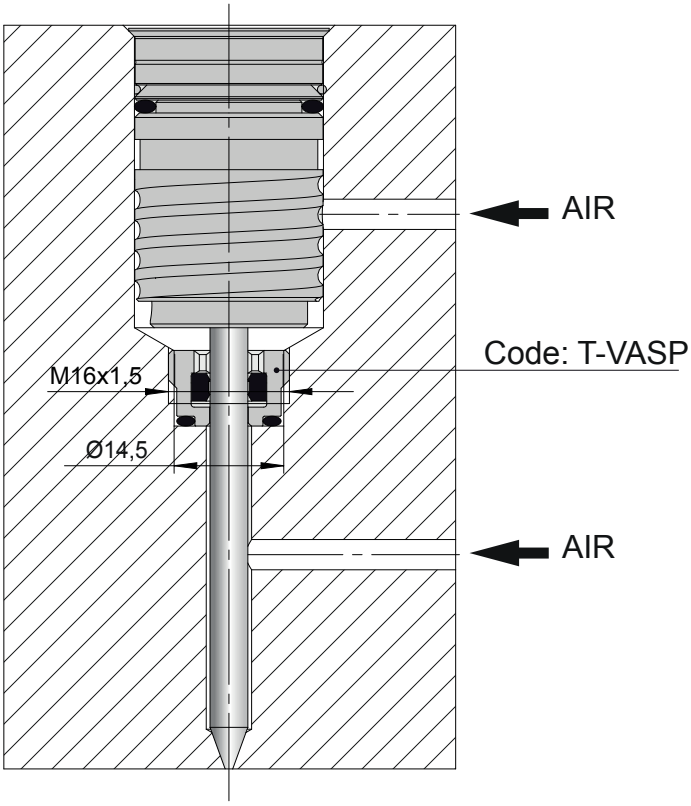
In case of higher pressure the diameter of the “F” hole in the mold should be redimensioned.

SEAT DIMENSIONS



Application with dual pneumatic power supply





CODE	M
T-VASP	16x1,5

To optimize the operation of the needle valve VASP, it is possible to apply the T-VASP stem seal in order to create a dedicated chamber for retraction that is isolated from the air delivery channel in the cavity. This application can also be useful in case the VASP valve is intended to aspirate air from the cavity to create a vacuum before molding.