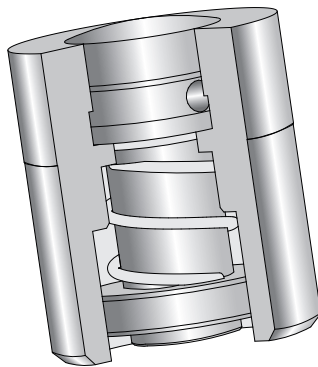
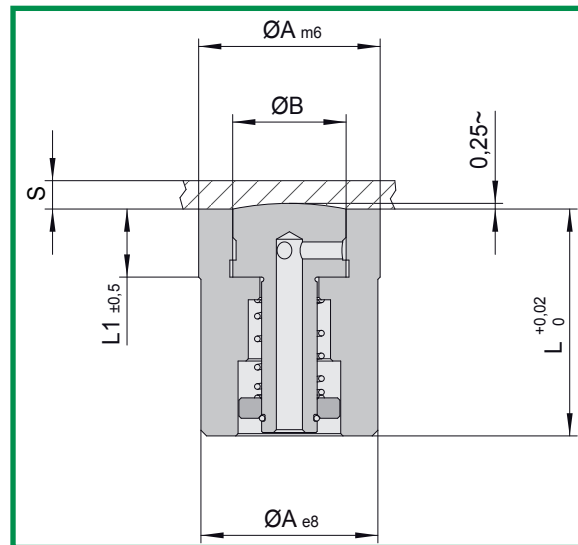


(PATENT REGISTERED)



CODE: **VABA**

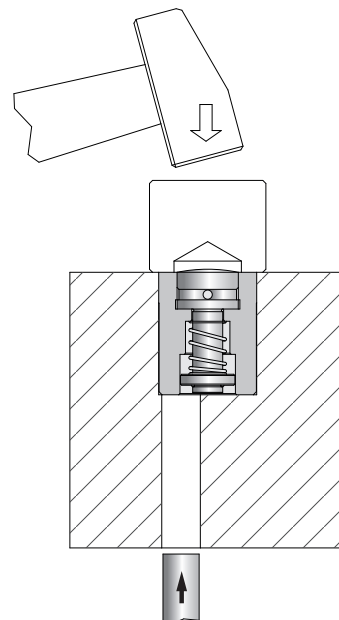


CODE	A	B	L	L1	S
VABA-6	6	4	12	4	1
VABA-8	8	5	12	4	1
VABA-10	10	6	12	5	1,5
VABA-12	12	7	14	5	1,5
VABA-16	16	10	20	6	2,5

S= maximum thickness of the moulded part

TECHNICAL NOTES FOR THE APPLICATION

- 1) In order to disassembly the air valve and avoid damaging, we recommend drilling a feeding hole as pictured.
- 2) In order to insert the air valve properly, we recommend not to push the poppet but to operate only on the external crown as pictured.



CHARACTERISTICS

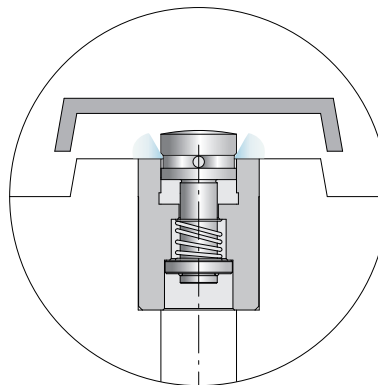
- 1) LOCKING UP IS GUARANTEED IN SPITE OF VALVE JAMMING;
- 2) STAINLESSNESS, MAT. STAINLESS STEEL AISI 420 50÷55 HRC;
- 3) FULLY GRINDED;
- 4) MAXIMUM AIR PRESSURE: 10 BAR;
- 5) THE INTERFERENCE BETWEEN THE VALVE AND THE SEAT MUST BE 0,01÷0,02.

ERMANNO BALZI

One of the most recurring and onerous problems with the air valves is the jamming and the subsequent filling of them and of their air feeding holes. This problems generate long production downtime and costs for the restoration of the mould. With the BALZI air valve the filling problem is definitively excluded and it may be necessary only a routine maintenance to guarantee the best efficiency of the valve.

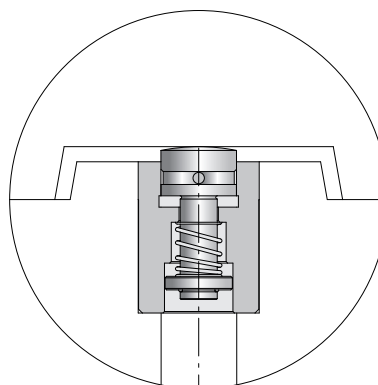
1)

In the ejection phase the BALZI air valve introduces air in the cavity of the mould, first in limited quantity through the space between the body of the valve and the convex poppet, than in big quantity through the proper bleeds.



2)

In the closure phase of the mould, in case of valve jamming or solenoid valve malfunction, the push of the matrix guarantee the first closing of the convex poppet that moves in anti-filling position.



3)

During the injection phase the front flow of the plastic material, getting between the convex poppet and the matrix, brings the convex poppet into the right position.

