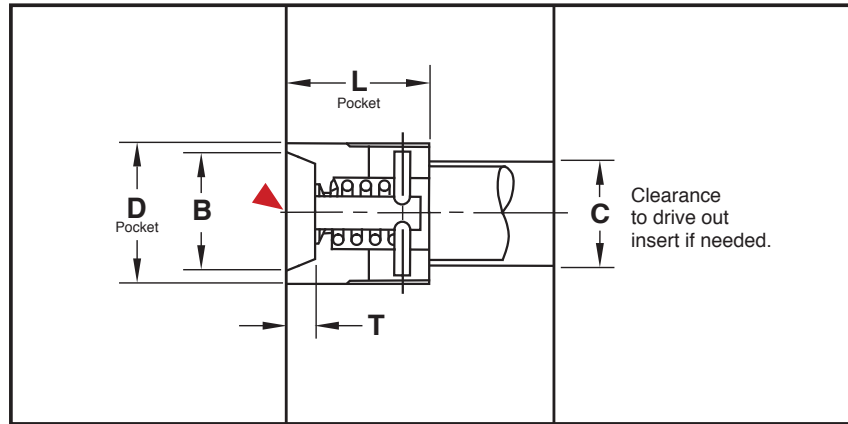
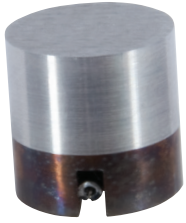


AIR POPPETS



Design Guidelines & Specifications:

- Operating Pressure: 80 psi min. / 100 psi max.
- Maximum Mold Temperature: 285°F (140° C)
- Avoid machining on the front face.
- The activation of the Air Poppet should occur at, or slightly before, part ejection.
- The air pressure must end prior to injection, allowing the spring to retract the piston. Failure to do so may allow molten material to enter into the valve, causing damage to the poppet or cavity.

INCH STANDARD

M 420 Stainless (1.4034) **H** 40-44 HRC

AIR POPPET CATALOG NUMBER	D ±.0002	B	C	T	L +.000 -.002	REPAIR KIT CATALOG NUMBER
APV-25	.250	.215	3/16	.06	.375	APVR-25
APV-37	.375	.325	9/32	.07	.375	APVR-37
APV-50	.500	.437	3/8	.10	.500	APVR-50
APV-75	.750	.656	9/16	.15	.750	APVR-75
APV-100	1.000	.875	3/4	.20	1.000	APVR-100
APV-150	1.500	1.312	1	.30	1.500	APVR-150

The Repair Kit includes a spring and pin.

METRIC STANDARD

M 420 Stainless (1.4034) **H** 52-54 HRC

AIR POPPET CATALOG NUMBER	D +.003 -.005	B	C	T	L +.00 -.03	REPLACEMENT SPRING CATALOG NUMBER
APV-06	6	5	4	1	12	APVR-06
APV-08	8	6.5	5			APVR-08
APV-10	10	8	7			APVR-10
APV-12	12	10	8			APVR-12
APV-16	16	13	12			20