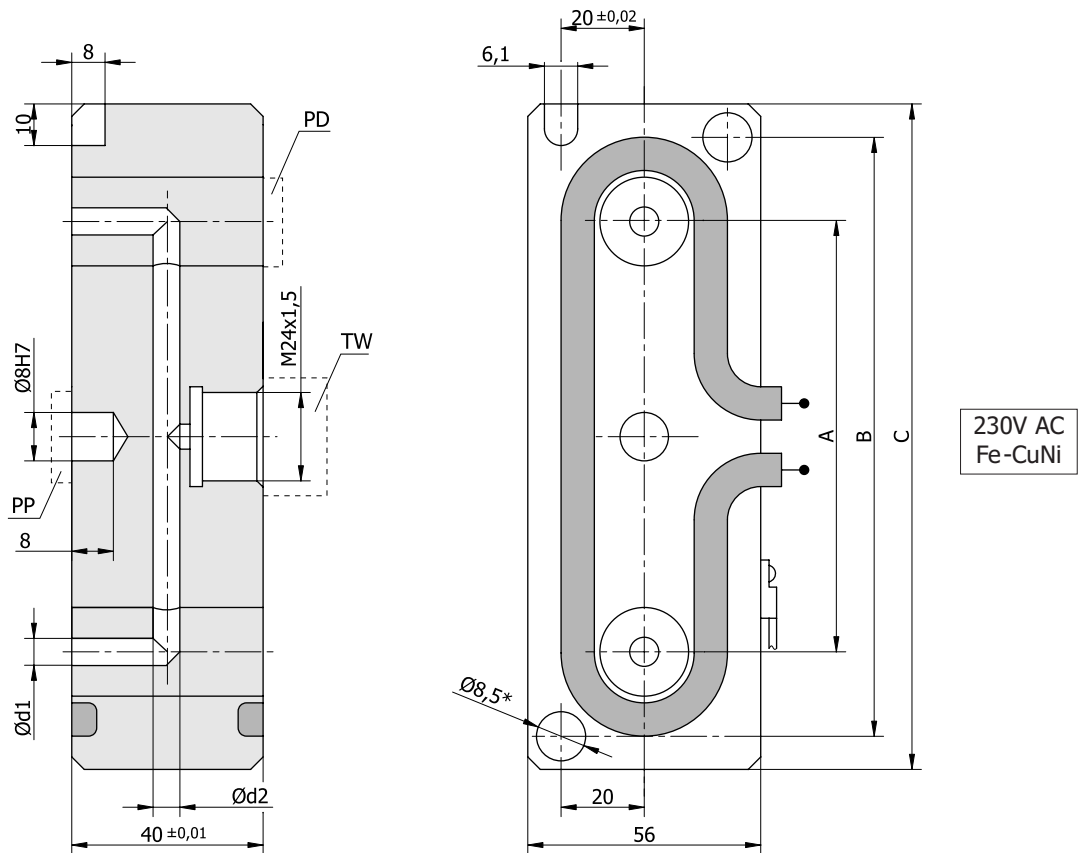


Manifold body is made of 1.2312 or 1.2343 steel quenched and tempered to 32 HRC. Manifold is equipped with tubular heaters pressed with modified copper powders and copper or brass, which guarantees good thermal conductivity, uniform temperature distribution and increases heaters life. Installed heating power does not exceed 3000 W per one regulation zone.

Manufactured manifolds are mechanically or rheologically balanced. In mechanically balanced manifolds each consecutive channel plane increases manifold thickness by 10 mm. Diameter of channels inside the manifold is calculated according to injection volume, type of plastic and its viscosity.

2 cavity or multicavity manifold type RB



manifold type	A		B	C	Ø d1	Ø d2	P per zone	number of heating zones
	min	max						
RB - 1	50	75	115	131	4 5,5 7 9 11 13	6 8 10 12 14	800	1
RB - 2	75	100	140	156			1000	1
RB - 3	100	125	165	181			1200	1
RB - 4	125	150	190	206			1400	1
RB - 5	150	175	215	231			1600	1
RB - 6	175	200	240	256			1800	1
RB - 7	200	250	290	306			2000	1
RB - 8	250	300	340	356			2200	1
RB - 9	300	350	390	406			2800	1
RB - 10	350	400	440	456			1500	2
RB - 11	400	450	490	506			1800	2
RB - 12	450	500	540	556			2000	2

Note:

- Dimension Ø8,5* changes into M10 thread, which facilitates removing manifold from the injection mould.
- RB Manifold may also be produced as 4, 6 and 8 cavity, each consecutive channel plane increases manifold thickness by 10 mm.
- Diameters of channels inside the manifold Ød1 and Ød2 are defined for each nozzle type.
- Spacing washers PD have standard height 12. The height of bearing washer PP is defined for each nozzle type.

How to order:

Manifold type / Injection points spacing / Injection bushing dimensions (see p. 31)

Example: RB-8 / A=275 / TW