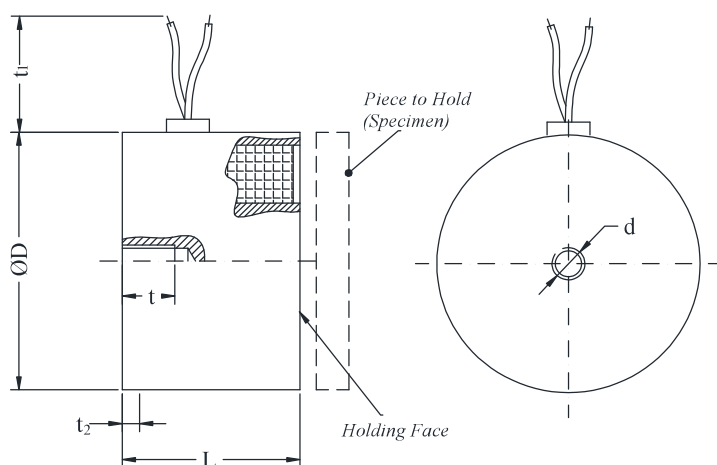
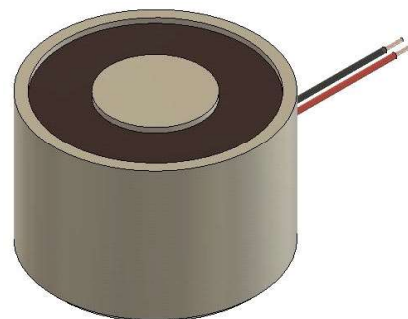


**Dimensions:**

Part Name	Holding Electromagnet
Part Number	101.____ (size)

**Different Standards:**

SIZE		40	50	65	80	100	150	180	250
Holding Force 'N' at stroke of 0mm		380	630	1000	1600	2700	7500	15000	30000
Duty Cycle ED %		100	100	100	100	100	100	100	100
Electrical Power P20 (W)		5.5	6.5	9	14	21	42	60	90
Weight (kg)		0.2	0.3	0.55	1.2	2.1	6.4	11	26
DIMENSIONS	D (mm)	40	50	65	80	100	150	180	250
	L (mm)	27	30	35	38	43	56	63	80
	d (mm)	M5	M5	M8	M8	M10	M16	M24	M24
	t (mm)	8	8	12	12	15	24	36	36
	t1 (mm)	250	250	250	250	250	250	500	500
	t2 (mm)	4	4	5	7	7	15	20	25

These holding electromagnets are D C operated units, which when electric current passes into the device, generate an electromagnetic field that can be employed for the purpose of holding or manipulating ferrous material.

- ☞ Standard Voltage 24 Volts D C (12 & 48 Volts D C available on request)
- ☞ Operating Time: 100%, Black Oxide / Blue Passivized Finishing, Protection: IP 54.
- ☞ Thermal Class 'F' (155°C). Max. Operating Amb.Temp. 40°C & Product Rising Temp 80°C. Recommended to Mount on Heat Sink Aluminum Block.
- ☞ With free flexible lead ends. (With terminal box available on request)
- ☞ The Max.Holding Forces listed relate to magnets operating at 90% of nominal working voltage and normal working temperature, holding work piece of optimum thickness having a good surface finish (manufactured in EN2 Material) which covers the full magnet holding face without air gaps (0mm). In cases where work piece materials, surface finish or profile differ, magnet hold force capability will be reduced.
- ☞ A centrally positioned tapped hole is provided for fixing the magnets. If more than one hole is required on different PCD, it must be observed that the depth of holes be less than dimension " t2 ".
- ☞ The Adhesive force may be 5% of the magnetic force with a stroke of 0mm when device is de actuated. The external return force must be above this adhesive force with a sufficient safety margin.

Application: Material Handling Technology, Door Holding Devices,
Solenoid for short stroke, Machine Construction.

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