

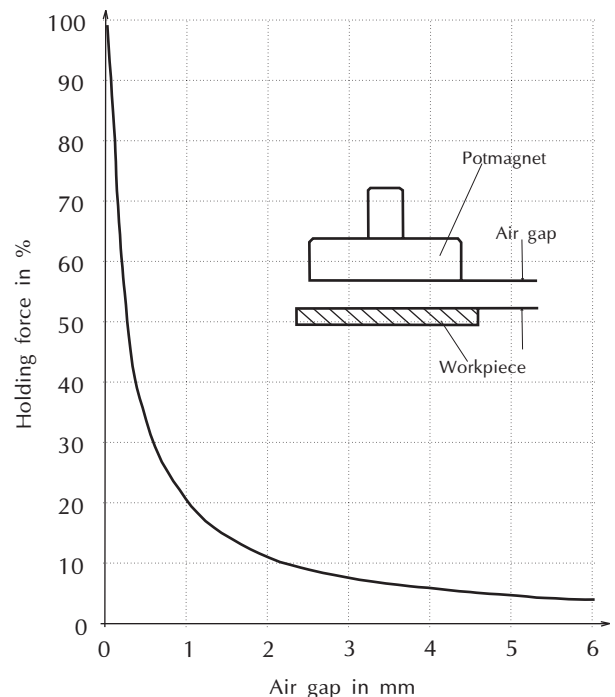
Powerful holding force with permanent magnets and directed magnetic field

Sura Pot magnets are widely used for many different applications in all types of industry all over the world. Major advantages are as the magnetic field is restricted to the pole surface, the holding force is very high compared to a single magnet and there is no magnetic field on the other sides that creates undesirable magnetic influences to surrounding areas. These characteristics create unlimited usability for Pot magnets virtually anywhere.



Depending on the magnetic material, design and required working temperature the different pot magnets are a versatile and reliable trouble free product used for applications such as securing work pieces for welding, cutting drilling etc, and holding or handling inspection equipment, gauges, lamps, doors, antennas and many more. It's only the imagination that sets the limit for the use of Pot magnets.

The specified holding force applies when using them without any air gap and on clean metal surface. The air gap between the pot and surface (see graph), roughness and contamination has negative impact on the holding force. High temperature also decreases the holding force temporary, but is restored when the temperature drops to normal again. Therefore it is important that you choose the pot for your application with these considerations.



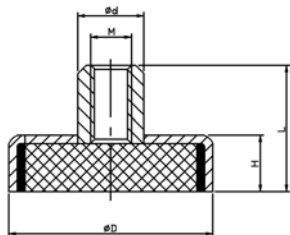
For us special is standard.

We have a long experience and know how for developing magnet systems and our design department is a useful partner to satisfy customer's requirements of finding the optimal design and cost effective solution for their application.

If you don't find a standard pot in our program that meets your requirements, please contact us for assistance.

Ferrite with bush and internal thread

hardferrite magnet in a galvanized steel housing
max. operating temperature: 80°C
versions up to 100°C

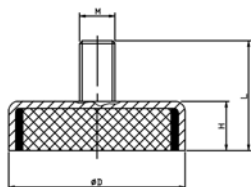


Produkt-No.	Dimensions (mm)					Force	Weight
	D	H	L	d	M	N	g
MS-K-10A	10	4,5	11	6	3	4	3
MS-K-13A	13	4,5	11,5	6	3	10	5
MS-K-16A	16	4,5	11,5	6	3	18	6
MS-K-20A	20	6	13	6	3	30	11
MS-K-25A	25	7	15,5	8	4	40	22
MS-K-32A	32	7	16	8	4	80	32
MS-K-36A	36	7,7	16	8	4	100	45
MS-K-40A	40	8	18	10	5	125	60
MS-K-47A	47	9	17,5	8	4	180	90
MS-K-50A	50	10	22	12	6	220	110
MS-K-57A	57	10,5	19	8	4	280	145
MS-K-63A	63	14	30	15	8	350	240
MS-K-80A	80	18	34	20	10	600	520
MS-K-85A*	85	18	34	20	10	500	530
MS-K-90A	90	13	34	20	10	600	570
MS-K-100A	100	22	43	22	12	900	940

* with stainless steel cover plate
other dimensions on request

Ferrite with neck and external thread

hardferrite magnet in a galvanized steel housing
max. operating temperature: 80°C
versions up to 100°C

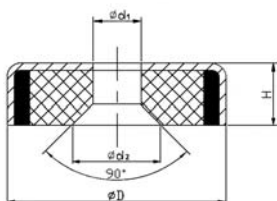


Produkt-No.	Dimensions (mm)				Force	Weight
	D	H	L	M	N	g
MS-K-10AG	10	4,5	11,5	3	4	3
MS-K-13AG	13	4,5	11,5	3	10	5
MS-K-16AG	16	4,5	11,5	3	18	6
MS-K-20AG	20	6	13	3	30	11
MS-K-25AG	25	7	15	4	40	22
MS-K-32AG	32	7	15	4	80	32
MS-K-47AG	47	9	17	6	180	90
MS-K-57AG	57	10,5	15,5	6	280	142
MS-K-63AG	63	14,5	29	6	350	335

other dimensions on request

Ferrite with through hole and countersunk 90°

hardferrite magnet in a galvanized steel housing
max. operating temperature: 80°C
versions up to 100°C

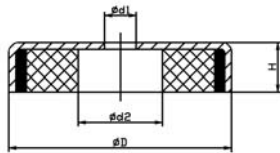


Produkt-No.	Dimensions (mm)				Force	Weight
	D	H	d1	d2	N	g
MS-K-16C	16	4,5	3,5	6,5	14	4
MS-K-20C	20	6	4,2	8,6	27	9
MS-K-25C	25	7	5,5	10,4	36	16
MS-K-32C	32	7	5,5	10,4	72	27
MS-K-40C	40	8	5,5	10,4	90	53

other dimensions on request

Ferrite with through hole and straight countersunk

hardferrite magnet in a galvanized steel housing
 max. operating temperature: 80°C
 versions up to 100°C

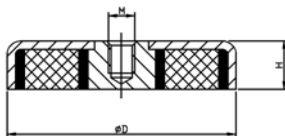


Produkt-No.	Dimensions (mm)				Force	Weight
	D	H	d1	d2	N	g
MS-K-50C	50	10,5	8,5	22	180	90
MS-K-63C	63	14	6,2	24	290	195
MS-K-80C	80	18	6,5	11,5	600	480

other dimensions on request

Ferrite with internal thread (not through)

hardferrite magnet in a galvanized steel housing
 max. operating temperature: 80°C
 versions up to 100°C

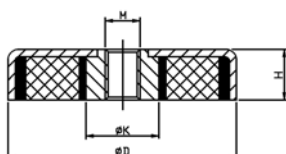


Produkt-No.	Dimensions (mm)			Force	Weight
	D	H	M	N	g
MS-K-85C	85	18	10	540	540
MS-K-105C	105	20	10	780	960

other dimensions on request

Ferrite with internal thread (through)

hardferrite magnet in a galvanized steel housing
 max. operating temperature: 80°C
 versions up to 100°C

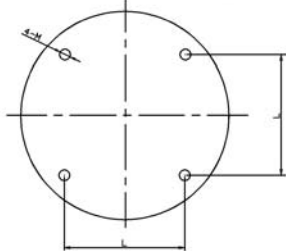
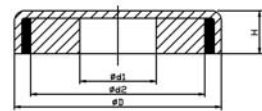


Produkt-No.	Dimensions (mm)				Force	Weight
	D	H	K	M	N	g
MS-K-50AC	50	10	18	6	170	105
MS-K-63AC	63	14	20	8	350	235
MS-K-80AC	80	18	15	10	550	490

other dimensions on request

Ferrite with 4 assembly threaded holes, ringmagnet

hardferrite ringmagnet in a galvanized steel housing
 max. operating temperature: 80°C
 versions up to 100°C

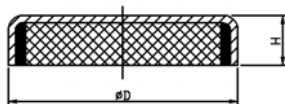


Produkt-No.	Dimensions (mm)						Force	Weight
	D	H	d1	d2	M	L	N	g
MS-K-86C/4	86	18	75	32	4	50	540	510
MS-K-105C/4	105	20	90	36	4	50	760	690

other dimensions on request

Ferrite flat with solid magnet

hardferrite magnet in a galvanized steel housing
 max. operating temperature: 80°C
 versions up to 100°C

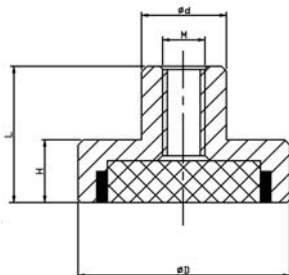


Produkt-No.	Dimensions (mm)		Force	Weight
	D	H	N	g
MS-K-10F	10	4,5	4	2
MS-K-13F	13	4,5	10	3
MS-K-16F	16	4,5	18	4,5
MS-K-20F	20	6	30	10
MS-K-25F	25	7	40	19
MS-K-32F	32	7	80	30
MS-K-36F	36	7,7	100	40
MS-K-40F	40	8	125	55
MS-K-47F	47	9	180	80
MS-K50F	50	10	220	100
MS-K-57F	57	10,5	280	140
MS-K-63F	63	14	350	230
MS-K-80F	80	18	600	485
MS-K-100F	100	22	900	900

other dimensions on request

NdFeB with bush and internal thread

Neodymium magnet in a galvanized steel housing
max. operating temperature: 90°C
Versions up to 180°C

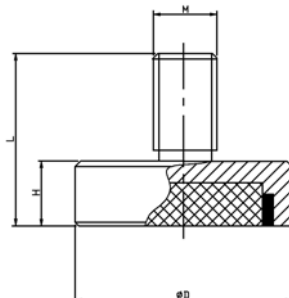


Produkt-No.	Dimensions (mm)					Force N	Weight g
	D	H	L	d	M		
MS-K-6NDA	6	4,5	11,5	6	3	5	1,5
MS-K-8NDA	8	4,5	11,5	6	3	13	2
MS-K-10NDA	10	4,5	11,5	6	3	25	3
MS-K-13NDA	13	4,5	11,5	6	3	60	5
MS-K-16NDA	16	4,5	11,5	8	4	95	7,5
MS-K-20NDA	20	6	13	8	4	140	16
MS-K-25NDA	25	7	14	8	4	200	25
MS-K-32NDA	32	7	15,5	10	5	350	48

other dimensions on request

NdFeB with neck and external thread

Neodymium magnet in a galvanized steel housing
max. operating temperature: 90°C
Versions up to 180°C

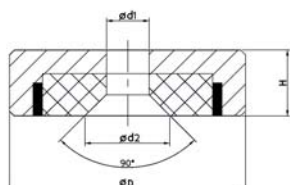


Produkt-No.	Dimensions (mm)				Force N	Weight g
	D	H	L	M		
MS-K-10NDAG	10	4,5	11,5	3	25	2,5
MS-K-13NDAG	13	4,5	12,5	5	60	5
MS-K-16NDAG	16	4,5	12,5	6	95	8
MS-K-20NDAG	20	6	16	6	140	15
MS-K-25NDAG	25	7	17	6	200	27
MS-K-32NDAG	32	7	17	6	350	42

other dimensions on request

NdFeB with through hole and countersunk 90°

Neodymium magnet in a galvanized steel housing
max. operating temperature: 90°C
Versions up to 180°C

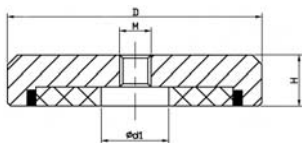


Produkt-No.	Dimensions (mm)				Force N	Weight g
	D	H	d1	d2		
MS-K-16NDC	16	4,5	3,5	6,6	75	6
MS-K-20NDC	20	6	4,5	9	105	13
MS-K-25NDC	25	7	4,5	9	160	24
MS-K-32NDC	32	7	5,5	11	310	39
MS-K-40NDC	40	8	5,5	10,6	500	73

other dimensions on request

NdFeB with internal thread, through hole and straight countersunk

Neodymium magnet in a galvanized steel housing
max. operating temperature: 90°C
Versions up to 180°C

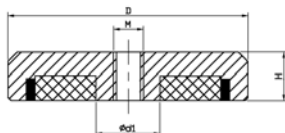


Produkt-No.	Dimensions (mm)				Force N	Weight g
	D	H	d1	M		
MS-K-32NDB	32	7	5,5	5	330	40
MS-K-40NDB M5	40	8	10,5	5	350	75
MS-K-40NDB	40	8	10,5	5	500	71
MS-K-50NDB	50	10	9,5	8	800	140
MS-K-63NDB	63	14	11,7	10	1100	315
MS-K-75NDB	75	15	13	10	1750	479

other dimensions on request

NdFeB with internal thread and through hole

Neodymium magnet in a galvanized steel housing
max. operating temperature: 90°C
Versions up to 180°C

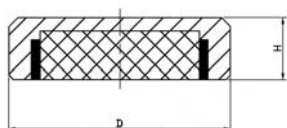


Produkt-No.	Dimensions (mm)				Force N	Weight g
	D	H	d1	M		
MS-K-25NDAC	25	7	10	6	140	25
MS-K-32NDAC	32	7	10	5	300	42
MS-K-40NDAC	40	8	10	5	450	77
MS-K-50NDAC	50	10	14	8	740	143
MS-K-60NDAC	60	14	16	10	1000	300
MS-K-68NDAC	68	16	16	10	2000	435
MS-K-80NDAC	80	16	16	10	2500	600

other dimensions on request

NdFeB flat with solid magnet

Neodymium magnet in a galvanized steel housing
max. operating temperature: 90°C
Versions up to 180°C

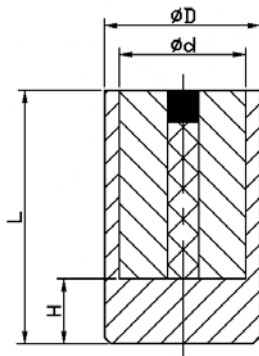


Produkt-No.	Dimensions (mm)		Force N	Weight g
	D	H		
MS-K-6NDF	6	4,5	5	1
MS-K-8NDF	8	4,5	13	1,5
MS-K-10NDF	10	4,5	25	2,5
MS-K-13NDF	13	4,5	60	4,5
MS-K-16NDF	16	4,5	95	6,5
MS-K-20NDF	20	6	140	15
MS-K-25NDF	25	7	200	22
MS-K-32NDF	32	7	350	40

other dimensions on request

NdFeB cylindrical, 2-pole

Neodymium magnet in a galvanized steel housing
 max. operating temperature: 90°C
 Versions up to 180°C

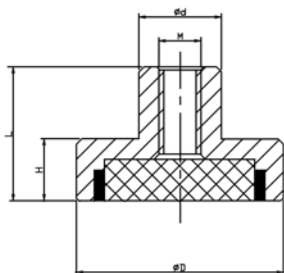


Produkt-No.	Dimensions (mm)				Force N	Weight g
	D	L	H	d		
MS-K-6NDE	6	20	10	4	10	4,5
MS-K-8NDE	8	20	10	6	25	8
MS-K-10NDE	10	20	8	8	45	12,5
MS-K-13NDE	13	20	8	10	70	20
MS-K-16NDE	16	20	2	13	150	32
MS-K-20NDE	20	25	6	17	280	60
MS-K-25NDE	25	35	7	22	450	135
MS-K-32NDE	32	40	5	28	700	250

other dimensions on request

SmCo with bush and internal thread

Samarium-Cobalt magnet in a galvanized steel housing
max. operating temperature: 180°C

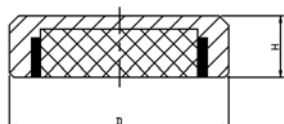


Produkt-No.	Dimensions (mm)					Force N	Weight g
	D	H	L	d	M		
MS-K-6SAA	6	4,5	11,5	6	3	5	1,5
MS-K-8SAA	8	4,5	11,5	6	3	13	2
MS-K-10SAA	10	4,5	11,5	6	3	25	3
MS-K-13SAA	13	4,5	11,5	6	3	60	5
MS-K-16SAA	16	4,5	11,5	8	4	95	7,5
MS-K-20SAA	20	6	13	8	4	140	16
MS-K-25SAA	25	7	14	8	4	200	25
MS-K-32SAA	32	7	15,5	10	5	350	48

other dimensions on request

SmCo flat with solid magnet

Samarium-Cobalt magnet in a galvanized steel housing
max. operating temperature: 180°C

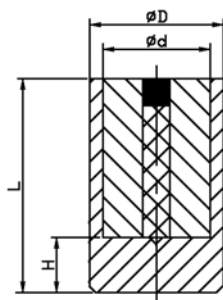


Produkt-No.	Dimensions (mm)		Force N	Weight g
	D	H		
MS-K-6SAF	6	4,5	5	1
MS-K-8SAF	8	4,5	13	1,5
MS-K-10SAF	10	4,5	25	2,5
MS-K-13SAF	13	4,5	60	4,5
MS-K-16SAF	16	4,5	95	6,5
MS-K-20SAF	20	6	140	15
MS-K-25SAF	25	7	200	22
MS-K-32SAF	32	7	350	40

other dimensions on request

SmCo cylindrical, 2-pole

Samarium-Cobalt magnet in a galvanized steel housing
max. operating temperature: 180°C



Produkt-No.	Dimensions (mm)				Force N	Weight g
	D	L	H	d		
MS-K-6SAE	6	20	10	4	10	4,5
MS-K-8SAE	8	20	10	6	25	8
MS-K-10SAE	10	20	8	8	45	12,5
MS-K-13SAE	13	20	8	10	70	20
MS-K-16SAE	16	20	2	13	150	32
MS-K-20SAE	20	25	6	17	280	60
MS-K-25SAE	25	35	7	22	450	135
MS-K-32SAE	32	40	5	28	700	250

other dimensions on request