

Samarium Cobalt SmCo

- For more details see Materials Guide p23
- Custom designs available

Samarium cobalt shallow pot magnets

Max. operating temperature 200°C.
Mild steel pot.
Zinc plated body.



Product No.	Diameter mm	Height	Weight kg	Pull force	Units / pack
E760	6	4.5	0.001	0.5	20
E761	8	4.5	0.0015	1.1	20
E762	10	4.5	0.0025	2.0	20
E763	13	4.5	0.0045	4.0	20
E764	16	4.5	0.0065	6.0	20
E765	20	6	0.015	9.0	10
E766	25	7	0.022	15.0	10
E767	32	7	0.04	22.0	10

Samarium cobalt shallow pot magnets Threaded hole

Max. operating temperature 200°C.
Mild steel pot.
Zinc plated body.



Product No.	Diameter	Height (body) mm	Height (inc. thread)	Thread	Ferrule outer dia. mm	Weight kg	Pull force	Units / pack
E770	6	4.5	11.5	M3	6	0.0027	0.5	20
E771	8	4.5	11.5	M3	6	0.0036	1.1	20
E772	10	4.5	11.5	M3	6	0.0045	2.0	20
E773	13	4.5	11.5	M3	6	0.0075	4.0	20
E774	16	4.5	11.5	M4	8	0.009	6.0	20
E775	20	6	13	M4	8	0.0165	9.0	10
E776	25	7	14	M4	8	0.033	15.0	10
E777	32	7	15.5	M5	10	0.048	22.0	5

Samarium cobalt deep pot magnets

Max. operating temperature 200°C.
Brass pot.
Diameter ground to H6 tolerance.



Product No.	Diameter mm	Height	Weight kg	Pull force	Units / pack
E750	6	20	0.004	0.8	20
E751	8	20	0.007	2.2	20
E752	10	20	0.011	4.0	20
E753	13	20	0.019	6.0	20
E754	16	20	0.029	12.5	10
E755	20	25	0.057	23.0	5
E756	25	35	0.128	40.0	2
E757	32	40	0.228	60.0	2

Ferrite

- High resistance to demagnetisation
- For more details see Materials Guide p23
- Custom designs available

Ferrite shallow pot magnets

Max. operating temperature 120°C.
Mild steel pot.
Zinc plated body.



Product No.	Diameter	Height	Hole in body mm	Hole in magnet	Weight kg	Pull force	Units / pack
E888	50	10	8.5	22	0.009	18	5
E889	80	18	6.5	16	0.48	54	1

Ferrite shallow pot magnets Countersunk mounting

Max. operating temperature 120°C.
Mild steel pot.
Zinc plated body.



Product No.	Diameter	Height mm	Hole Size	Screw Head	Weight kg	Pull force	Units / pack
E887	20	6	4.2	M4	0.09	2.7	10
E876	25	7	5.5	M5	0.016	3.6	10
E877	32	7	5.5	M5	0.027	7.2	10
E878	40	8	5.5	M5	0.053	9.0	5

Ferrite shallow pot magnets Male thread

Max. operating temperature 120°C.
Mild steel pot.



Product No.	Diameter	Pot height mm	Overall height	Thread	Weight kg	Pull force	Units / pack
E720	22	7	17	M5	0.020	3.5	5
E723	32	7	22	M5	0.032	8.0	5