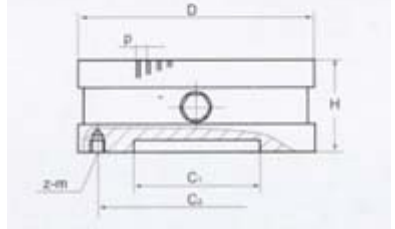
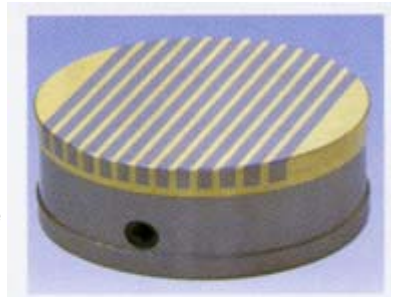


Magnetic Assemblies >> Magnetic Chuck

Circular permanent-magnetic chuck

The circular permanent-magnetic chuck can be used as auxiliary tool for various kinds of plain surface grinder, universal tool and lathe for holding ferromagnetic materials for machining. Because it is not require power source, not heated and is with small distortion and high precision, the application scope is very wide. According to its structure, the circular permanent-magnetic chuck can be classified as straight strip fine-pole type, ordinary pole type and radial pole type.



Model	D	H	C1	C2	Z	M	P
YX-C1	100	40	60	88	4	M6	7
YX-C2	125	62	80	114	4	M6	9
YX-C3	150	62	50	130	4	M8	9
YX-C4	160	62	100	140	4	M8	12
YX-C5	200	67	160	186	3	M10	17
YX-C6	250	75	200	224	4	M10	14
YX-C7	320	80	265	290	3	M12	14
YX-C8	400	92	300	378	6	M12	14
YX-C9	150	50	50	130	4	M8	5
YX-C10	160	50	100	140	4	M8	5
YX-C11	200	64	160	184	3	M10	5
YX-C12	250	68	200	224	4	M10	5
YX-C13	320	68	265	290	6	M12	5
YX-C14	400	68	300	278	6	M12	5
YX-C15	200	45	100	186	4	M6	radial pole

Permanent Magnetic Super Chuck is made of high-energy rare earth material (Nd-Fe-B). The magnetic force is permanent, which is suitable for the demand of security and environment protection. There is no risk in the condition of no electrical source and no distortion brought by the heat. It will save the fifty percent of the time for clamping the workpiece when it is used on the machine center. The modular design enables multiple combinations to meet the requirement of workpieces of different size. Permanent magnetic super chuck is with specific structure. A even polar density and vertical poles comprises a interlaced force for the workpiece, even and same. When the workpiece possesses the clamping force which is generated by 400 cm² permanent magnetic chuck, it will can be machined with super grinding force, so multiple combinations will prepare for the large workpieces. The chuck is suited to clamping workpieces on the machining center or grinding machine, improving the precision and efficiency. Particularly Ideal for the thin workpieces.



Type	Dimension(mm)					Total Clamping(KN)	Pole no.	Weight kg	Handle Size		
	A	B	H	M	N				W	G	K
SC2025	200	250	100	89	75	13.52	70	30	300	60	14
SC2525	250	250	100	138	75	17.4	90	37	300	60	14
YXSC 3030	300	300	110	160	100	25.52	132	55	470	150	17
XSC 3535	300	350	110	175	125	35.20	182	73	470	150	17
YXSC 4040	400	400	110	210	130	46.44	240	94	470	150	17
YXSC 4050	400	500	110	210	130		300	110	550	70	17
YXSC 4080	400	800	110				240x2	200	470	150	17
YXSC 40100	400	1000	110				300x2	215	550	70	17