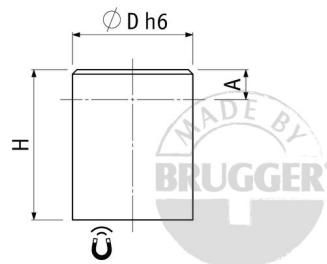


Bar magnets of Neodymium-iron-boron (NdFeB)

Bar magnet of NdFeB, steel body with fitting tolerance h6



Article number	D mm	H mm	A ¹ mm	Force* N	Weight g	Temperature °C
S4PNd	4 (h6)	10 ^{+0.2} / _{-0.2}	7	2.5	1	80
S5PNd	5 (h6)	10 ^{+0.2} / _{-0.2}	6	4.5	1.5	80
S6PNd	6 (h6)	10 ^{+0.2} / _{-0.2}	5	6	2	80
S8PNd	8 (h6)	12 ^{+0.2} / _{-0.2}	7	12	5	80
S10PNd	10 (h6)	16 ^{+0.2} / _{-0.2}	11	24	10	80
S13PNd	13 (h6)	18 ^{+0.2} / _{-0.2}	13	60	18	80
S16PNd	16 (h6)	20 ^{+0.2} / _{-0.2}	15	90	31	80
S20PNd	20 (h6)	25 ^{+0.2} / _{-0.2}	18	135	61	80
S25PNd	25 (h6)	30 ^{+0.2} / _{-0.2}	22	190	114	80
S32PNd	32 (h6)	35 ^{+0.2} / _{-0.2}	27	340	217	80

¹ max. length by which the bar magnet can be shortened or machined without being damaged.



* The forces have been determined at room temperature on a plate in polished steel (S235JR according to DIN 10 025) with a thickness of 10 mm (1kg ~ 10N). A maximum deviation of -10% compared to the specified value is possible in exceptional cases. Value is exceeded in general. Depending on the type of application (installation situation, temperatures, counter anchor etc.) the forces can be influenced enormously. The indicated values are serving as an orientation. Please get advice and help from our experts.