



NdFeB

Sintered Anisotropic Neodymium Iron Boron - Pots

Rare Earth NdFeB pots and assemblies can offer up to eleven times the performance of a Ferrite system in a comparable size. Applications tend to be specialised engineering projects where performance and available space are key factors. Maximum operating temperatures are +80°C.

Style A pots, on the active face, have a countersunk hole and can be easily fixed using a countersunk screw.

Style B pots have a through hole mounting on the active face. Using a cap screw, these can be easily fixed into

position. Style C is a deep pot that has an internal thread on the non-active face.

A small selection of typical standard parts below.

Neodymium Pot with Centre Hole										
Dimensions (mm)										
Style	ØD	Ød1	Ød2	н	Tapered Screw	Holding Force (Kg)				
A	16	3.2	-	4.5	M3	6.5				
А	20	4.5	-	6.0	M4	8.0				
A	25	4.5	-	7.0	M4	14.5				
А	32	5.5	-	8.0	M5	32.0				
A	40	5.5	-	8.0	M5	40.0				
В	48	8.5	16.0	11.5	M8	65.0				
	Style A A A A A B	Style ØD A 16 A 20 A 25 A 32 A 40 B 48	Style ØD Ød1 A 16 3.2 A 20 4.5 A 25 4.5 A 32 5.5 A 40 5.5 B 48 8.5	Non-second Style ØD Ød1 Ød2 A 16 3.2 - A 20 4.5 - A 25 4.5 - A 32 5.5 - A 40 5.5 - B 48 8.5 16.0	Style ØD Ød1 Ød2 H A 16 3.2 - 4.5 A 20 4.5 - 6.0 A 25 4.5 - 7.0 A 32 5.5 - 8.0 A 40 5.5 - 8.0 B 48 8.5 16.0 11.5	Style ØD Ød1 Ød2 H Tapered Screw A 16 3.2 - 4.5 M3 A 20 4.5 - 6.0 M4 A 25 4.5 - 7.0 M4 A 32 5.5 - 8.0 M5 A 40 5.5 - 8.0 M5 B 48 8.5 16.0 11.5 M8				

Neodymium Deep Pot									
Dimensions (mm)									
Part Number	Style	ØD	н	ød1	Holding Force (kg)				
NIDP 00695	С	35	45	M10	60.0				

Please note:

Holding Forces are based upon direct contact with a thick, clean mild steel surface. Holding Forces will be reduced with heavily painted or corroded surfaces. Over tightening screws can lead to cracking and other damage. Therefore these pots should not be used

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the flux and reduce the magnetic force. We suggest using 304 stainless steel screws where possible. Before selecting a choice of holding system please consider the working environment of your application.



