Cases			Kashikhin MANX	Kahn MANX	1st Segm case A	1st Segm case B	2nd Segm	3rd Segme Case A	3rd Segme Case B	4th Segme Case A	4th Segme Case B
	Bz	tesla	-3.86	-3.99	-6.95	-6.95	-8.68	-11.6	-11.6	-17.4	-17.4
	Bt	tesla	1.25	1.06	1.81	1.81	2.27	3.02	3.02	4.53	4.53
	B	tesla	4.057351353	4.128402	7.181824	7.181824	8.971917	11.98668	11.98668	17.98001	17.98001
	Conductor		NbTi	NbTi	NbTi	NbTi	Nb3Sn	Nb3Sn	Bi-2212	Bi-2212	YBCO
	Jc	amp/mm2	3500	3500	1500	1500	1400	850	2000	2000	15000
	Jop	amp/mm2	346.4	346.4	150	500	466.6667	283.3333	666.6667	666.6667	5000
	Rinner	m	0.25	0.254	0.16	0.16	0.13	0.095	0.095	0.064	0.064
	Length	mm	20	50	50	50	50	30	30	25	25
	Period	m	1.6	2	1	1	0.8	0.6	0.6	0.4	0.4
	Radial Thic	mm	15	15.3	61.34223	18.40267	24.63171	54.20222	23.03595	34.55392	4.607189
	Amp Turns	amp	103920	264850							
	Coils/m		50	16	16	16	16	26.7	26.7	32	32
	Coils/period		80	32	16	16	12.8	16	16	12.8	12.8
	Kappa		1	0.8	1	1	1	1	1	1	1
	B		6.529486171	6.660076	11.56274	11.56274	14.44479	19.29855	19.29855	28.94782	28.94782
			1.609297693	1.613234	1.61	1.61	1.61	1.61	1.61	1.61	1.61