



Shim size of DSA329 ¹

DSA329 is going to be assembled using ALL-KAPTON insulated wedges for inner coil. These coils are nearly equal size as that of DSA328. **Outer coils are similar to DSA326.**

DSA329		
	Inner	Outer
Upper Coil	1M-50-124	1M-50-228
Lower Coil	1M-50-125	1M-50-229

For the assembly of this magnet, it is necessary to have a collaring shim operation. The shimming should be addition of 2 layer of 2-mil KAPTON to the inner pole. This should make the preloading of the coils similar to that of DSA326. Though the TS-SSC-91-148 suggested to give 3-mil shimming to DSA328, it has been actually changed to 2 layers of 2-mil (measured thickness 3.9 mil) shim by practical reason. So, this is the same inner coil shimming as DSA328. Outer coil shimming is different from DSA328.

¹Distribution: R.Bossert, J.Carson, S.Delchamps, I.Gonczy, S.Gourlay, W.Koska, M.Kuchnir, M.Lamm, G.Pewitt, R.Sims, J.Strait