

LOCATION	MAIN QUADS	SPOOL SLOT	TRIMS	STRENGTHS	MISC
Triplets (a) B49 / C11	Q1 /Q3 96.5" Q2 173.5" (LHC)	56.175"	HD + VD SQ	? <b>0.48 T.m</b> ? <b>7.5 T.m/m</b>	HBPM + VBPM 10 kA 200 A
B48 / C12  B47 / C13	Q4 75" (LHC)  Q5 54" (LHC)	56.175"	HD / VD SQ	0.48 T.m 7.5 T.m/m	HBPM / VBPM 10 kA + 5 kA  HBPM / VBPM 10 kA
B46 / C14 (b)  B45 / C15 (b)	Q6 55.19" (LBQ)  Q7 55.19" (LBQ)	56.149"	HD + VD SQ	TSP	HBPM + VBPM 5 kA  HBPM + VBPM 5 kA <b>5.024"</b> Spacer
B44 / C16  B43 / C17	66.1"  66.1"	72"	HD / VD Q* Sx HD / VD Q* Sx	0.48 T.m <b>25 T.m/m</b> 450 T.m/m^2 0.48 T.m <b>25 T.m/m</b> 450 T.m/m^2	?

- (a) 0.48 T.m dipoles can correct for transverse mis-alignments of 0.5mm systematic and +/- 0.25 mm random errors -- this is slightly less than the errors recently surveyed at the CDF triplets.  
 7.5 T.m/m skew quad can correct roll errors *locally* of 2.5 mrad -- considerably less than the ~9 mrad roll once discovered at CDF.
- (b) Powering the 4 Q6 & Q7 quads separately requires 2 additional 5 kA supplies beyond the 2 that can be pilfered from the Q1 locations at B0/D0.