

Revised Magnet Parameters for NTX Large Bore Pulsed Quadrupole  
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Beam Aperture Radius, $R_b$	15.0	cm
Magnet Winding Radius, $R_w$	17.32	cm
Steel Inner Radius, $R_w$	18.33	cm
Steel Outer Radius, $R_o$	25.63	cm
Mag., Total Lengths, $L_m, L_o$	46, 50	cm
Magnet to magnet spacing	60	cm (ctr.-ctr.)
Field Gradient, $B'$	2-5	T/m
Maximum Field, $B$	0.6	T, @12cm
Number of turns, $N$	8	Turns/coil
2D Field Coefficients, $B_n$ ( $\sum n A_n /2A_2, n=6,10,\dots,26$ )	$7 \times 10^{-4}$	T/T @10cm
Conductor radius, $r_c$	4.65	mm
Magnet Current, $I_{min} - I_{max}$	3.3- 8.2	kA
Magnet Resistance, $R$	.036	$\Omega$
Magnet Inductance, $L$	232	$\mu$ H
Pulse length (full half sine), $t$	2.2	mS
Magnet Voltage, max., $V$	2.7	kV
Pulse energy, max., $U$	7.8	kJ
Energy loss/pulse, max., $Q_t$	2.7	kJ
Max., Operating Pulse Rates	0.5, 0.1	Hz
Temp. Rise, max., steady state	25	$^{\circ}$ C, (0.5Hz P.R)