

Reproduction of Fig. 2 of Bidinosti and Martin

	mu = 40000	mu = 20000
k	S	S
0.8	208000	17000
0.2	209000	18000
0.1	75000	7300
0.05	20000	2500

MSL geometry

radii = 1.2, 1.3, 1.5, 1.75 m

thicknesses = 0.002, 0.003, 0.003, 0.004 m

mu	S
10000	627
20000	4740
30000	17644
40000	47074
50000	103201

* 10051 three outer layers mu = 20000, innermost layer mu = 50000

MSL proposed geometry

radii = 1.13, 1.2, 1.3, 1.5, 1.75 m

thicknesses = 0.002, 0.002, 0.003, 0.003, 0.004 m

mu	S
10000	1606
20000	17286
30000	82493
40000	267479
50000	689112

* 67227 three outer layers mu = 20000, two innermost layers mu = 50000

Adjusting geometry

radii = r, 1.2, 1.3, 1.5, 1.75 m

mu = 20000

r (m)	S
1.1	21449
1.11	20048
1.12	18660
1.13	17286
1.14	15925