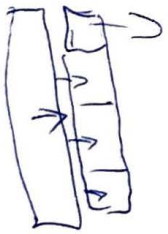
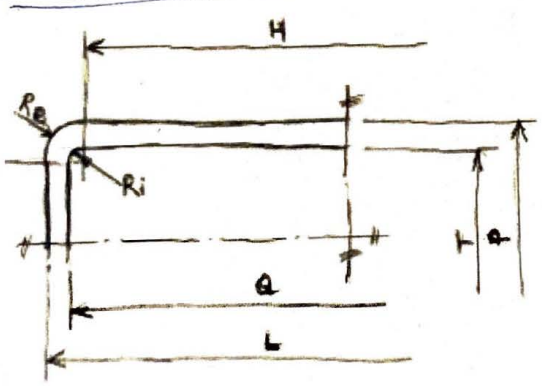
$L = 456,82$ mm
$P = 152,42$ mm
$Q = 405,6$ mm
$T = 101,2$ mm

$G = 24,46$ mm
$J = 1$ mm
$N = 0,15$ mm
$V = 27,3$ mm

$W = 1$ mm
$Re = 34,61$ mm
$RV = 9$ mm
$n\,Spire = 29$
$n\,Layers = 26$
$n\,Turns = 754$

Geometry from Marco → Quadrupole magnet

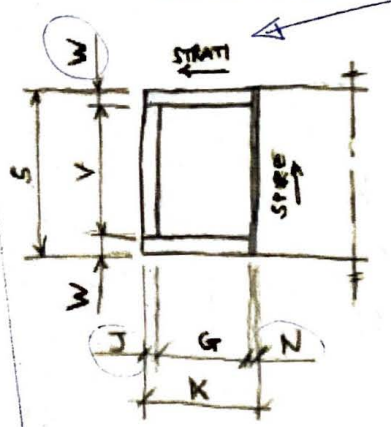




Bobina

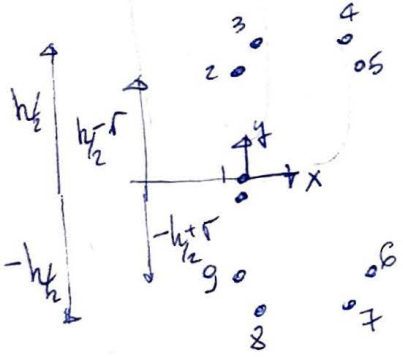
Sezione Bobina

Strati (layers)



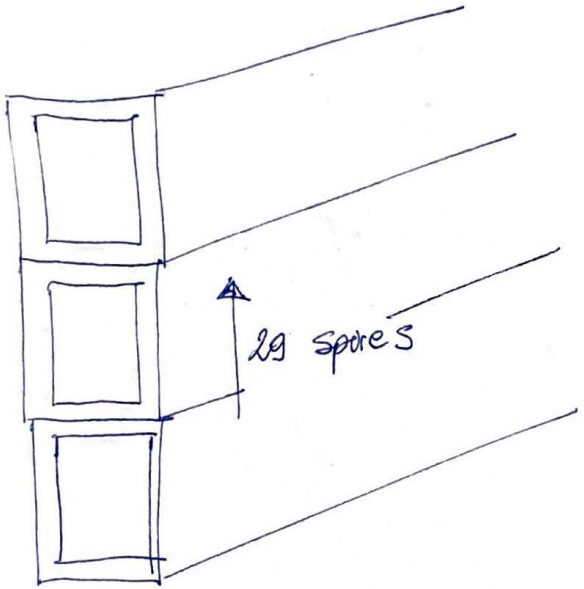
29 spires × 29,3 [mm] = 849,7 [mm]

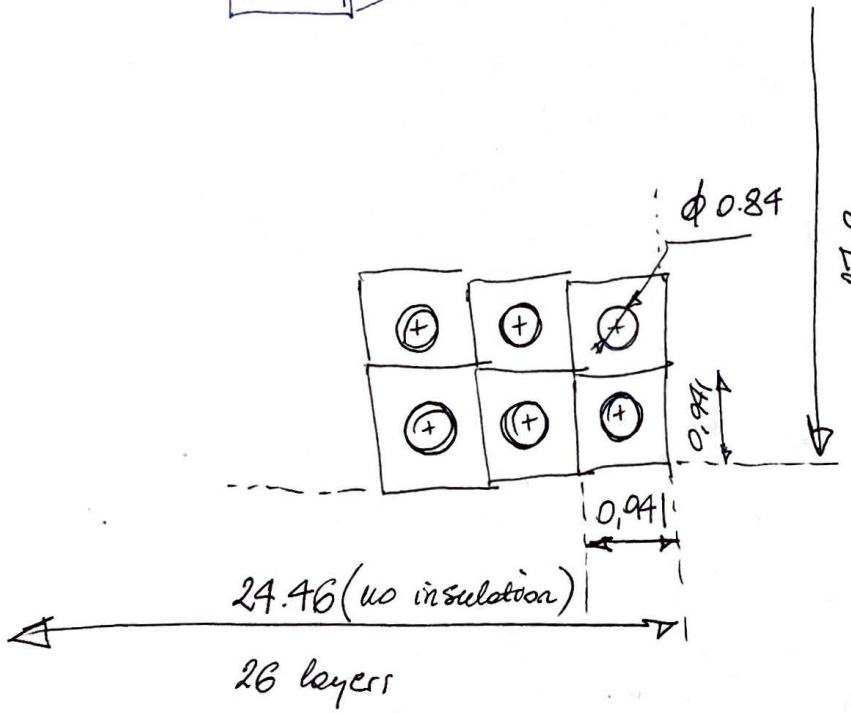
26 layers × 25,61 [mm] = 665,86 [mm]



Strand partially inside $\frac{Cu}{NbTi} = 2,3$ → 2,3

Cable diameter → 0,7 mm

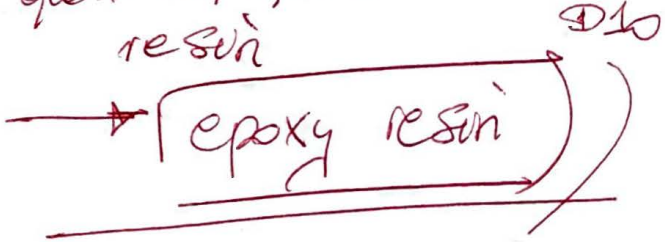




a = 8
b = 13
c = 9
d = 14
e = 10
f = 15
g = 16
h = 12

0.14 → insulation
Material S2 (glass)

glass impregnated with resin



Volume resin assumed it's not the same

quads