

```
finish
/clear
/prep7

gr=3

sw1=15
sw2=14
sz1=18
sz2=16

k,1,-sw1+gr/2,0,0
k,2,-sw1+gr/2,sw1+gr/2,0
k,3,sw1+gr/2,sw1+gr/2,0
k,4,sw1+gr/2,0,0
k,5,-sw1+gr/2,0,1000

lstr,1,2
lstr,2,3
lstr,3,4
lstr,1,5

lsel,s,,,1,3,1
adrag,all,,,,,4
nummrg,kp

et,1,shell93
mp,ex,1,210000
mp,nuxy,1,0.3
r,1,3,3,3,3,,,

lesize,4,,,100
lesize,7,,,100
lesize,9,,,100
lesize,11,,,100

allsel

mshkey,1
amesh,all

nsel,s,loc,z,0,0,
d,all,all,0
nsel,s,loc,z,1000,1000
*get,ilno,node,0,count
f,all,fy,-100/ilno
allsel

/solu
solve
```