Parameters of PREX Collimator

Important that the collimator is up/down symmetric.
L–HRS has A_T on top, R–HRS has A_T on bottom.

View of hole  (note the origin)

- A_T hole
  - One HRS has this A_T
- Other HRS has this A_T
  - At opposite sign in Y.

A_T hole
(note this is different from Pb)

Y = 3.2 cm
R = 20 cm
X = 22.9 cm

A_T hole
X = 4.1 cm
(0,0)

Origin

Top, Right

Y = 11.7 cm
X = 4.0 cm

The bottom corner is identical and inverted in Y.

This line is $Y = mx + b$
- $b = 14.74$, $m = -1.88$

Inner, Outer Arcs

X = 14.5
X = 22.9

L-HRS has A_T on top, R-HRS has A_T on bottom.

All units are centimeters