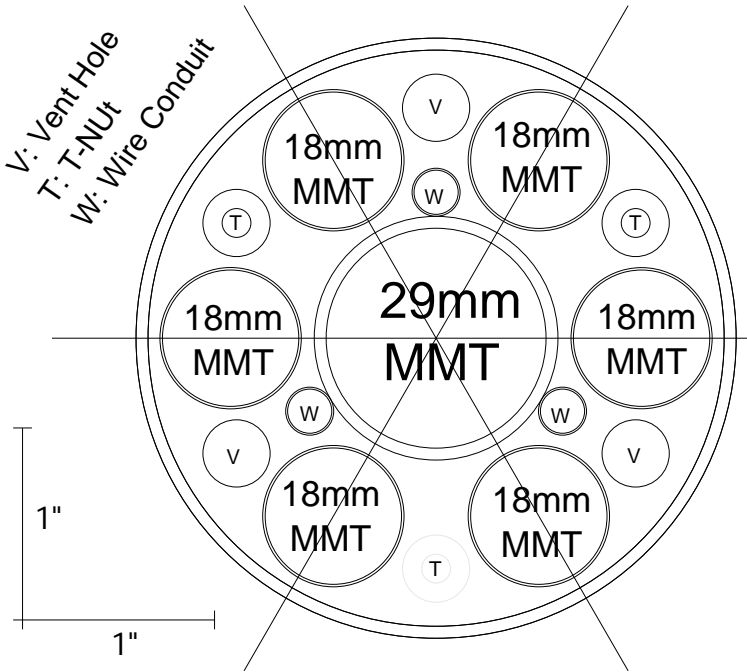


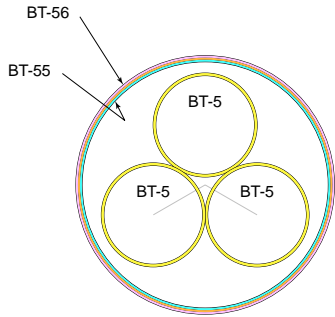
Clusters

Cluster patterns for BT-55, BT-56, BT-60, BT-70 and T-204 (ST-20)
(and one for LOC 3" tubing)

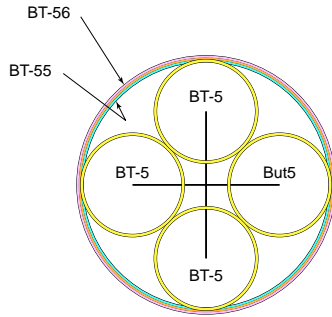
LOC 3" tube
with 29mm center and
six 18mm outboards



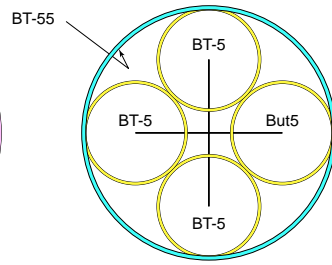
Cluster patterns for BT-55, BT-56 and BT-60 tubes



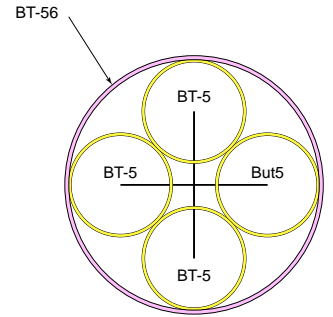
Three BT-5's fits easily into a BT-55 or BT-56. (Notice the interference/overlap between the two tubes indicated by the orange ring.)



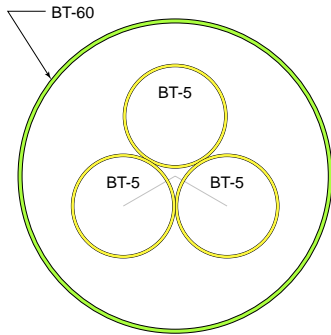
But putting four BT-5's in requires a closer look...



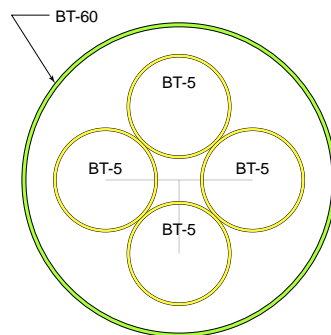
Four BT-5's is very tight in a BT-55.



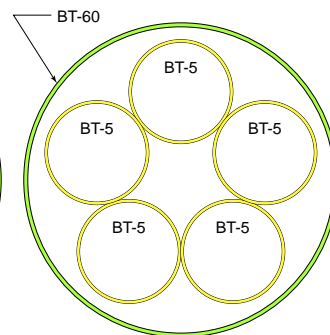
But four BT-5's fits perfectly in a BT-56.



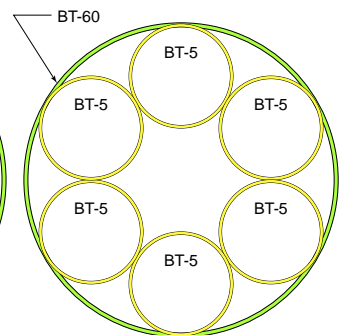
Three BT-5's fits easily into BT-60.



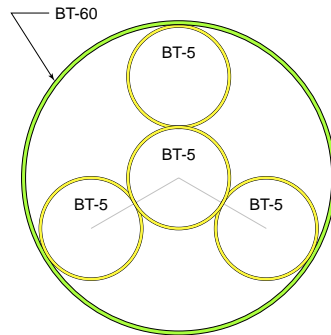
Four BT-5's fits easily, too.



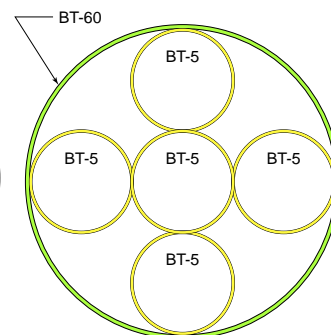
And five BT-5's poses no problems, either.



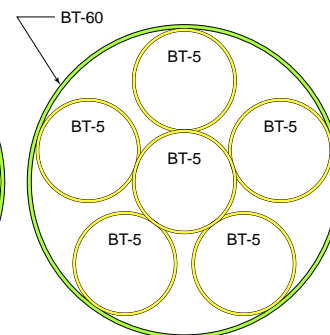
Six BT-5's is a tight fit, maybe too tight.



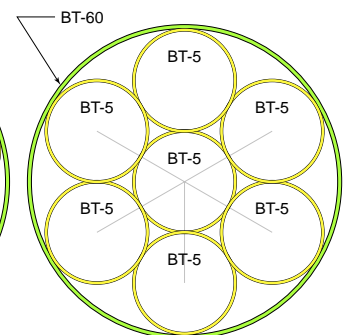
This arrangement of four BT-5's is a little tight.



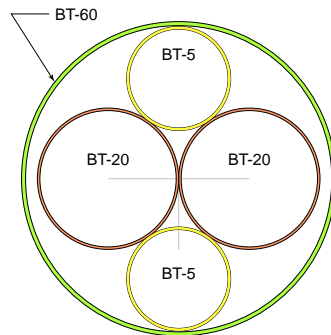
Five BT-5's like this is tight, but might work.



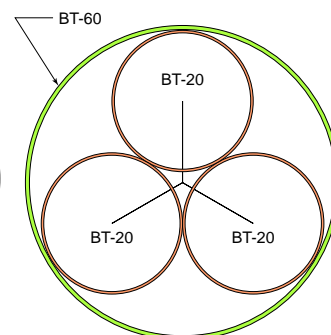
Six BT-5's in this pattern is a squeeze, but might work, too.



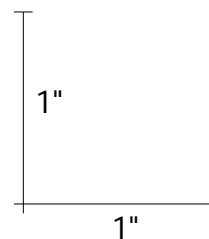
Seven BT-5's is very tight and probably won't work.



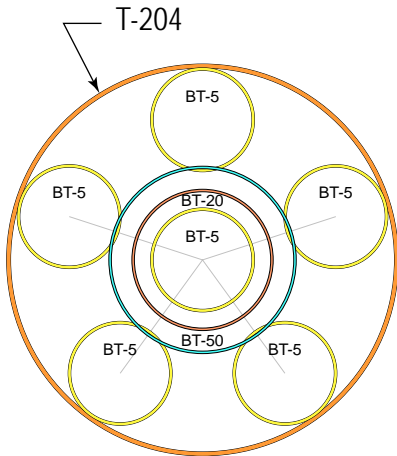
Two BT-20 tubes and two BT-5's fit beautifully, too.



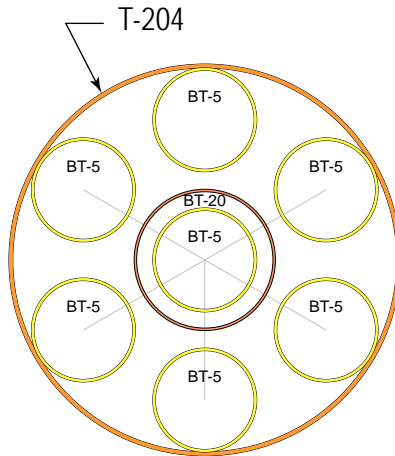
Three BT-20 tubes fit beautifully in a BT-60. (Course, everybody knows this.)



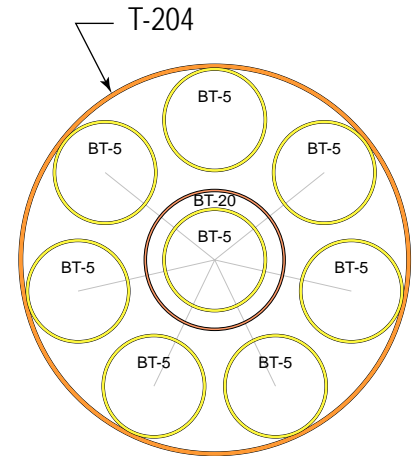
Cluster patterns for T-204 (Centuri ST-20) tubes



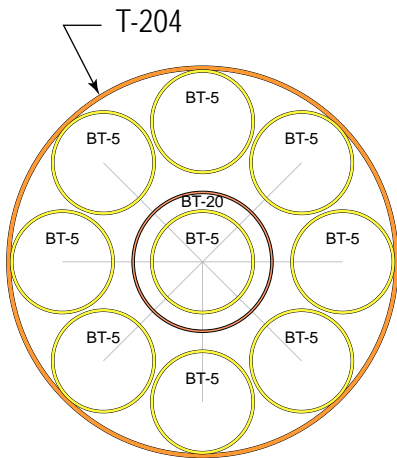
Six BT-5 tubes in a T-204
OR
Five BT-5 tubes in a T-204
plus an BT-20 center;
BT-50 center too tight



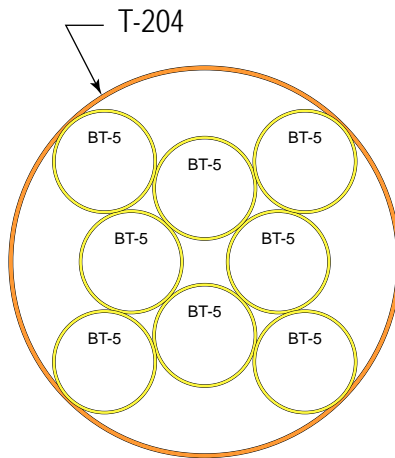
Seven BT-5 tubes in a T-204
OR
Six BT-5 tubes in a T-204
plus an BT-20 center



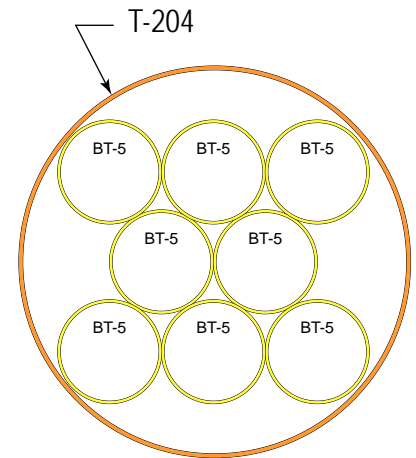
Eight BT-5 tubes in a T-204
OR
Seven BT-5 tubes in a T-204
plus a BT-20 center



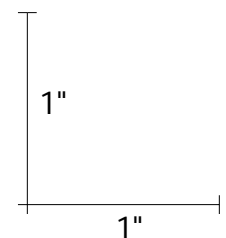
Nine BT-5 tubes in a T-204
OR
Eight BT-5 tubes in a T-204
plus a BT-20 center



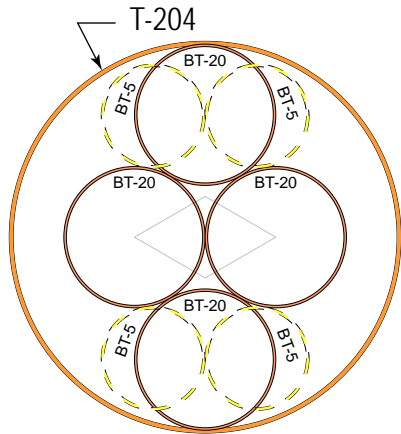
Eight BT-5 tubes in a T-204 -
fairly tight!



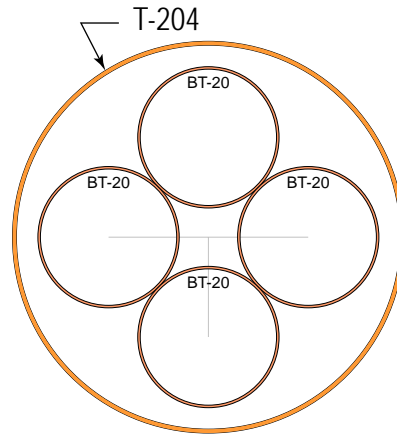
Eight BT-5 tubes in a T-204 -
better way.



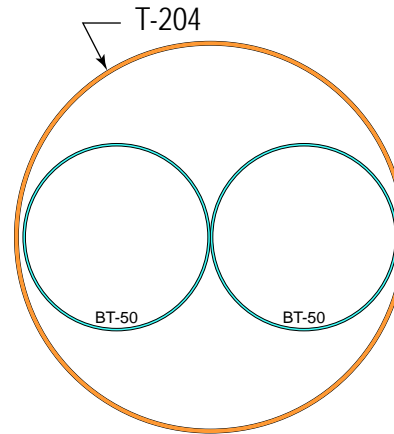
More cluster patterns for T-204 (Centuri ST-20) tubes



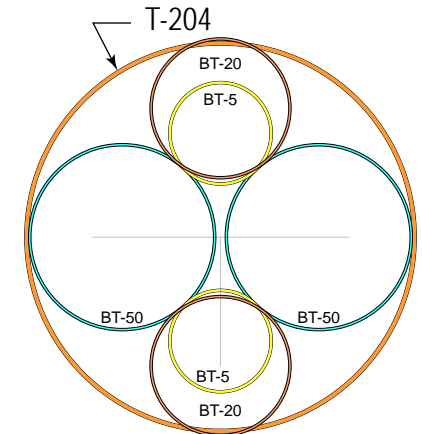
Four BT-20 tubes fit a little snug this way in a T-204; Two BT-20's and a four BT-5's fits easily.



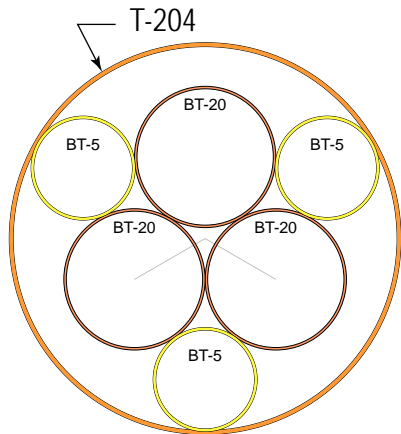
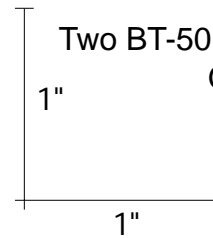
Four BT-20 tubes in a T-204 fit just fine this way.



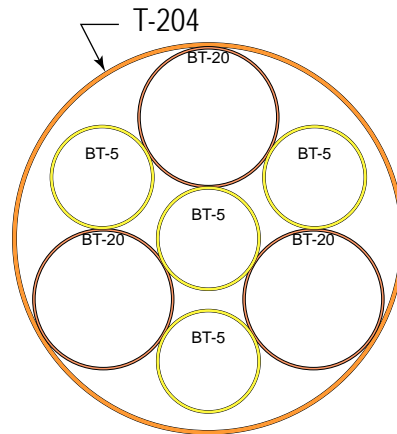
Two BT-50 tubes in a T-204 - Good fit.



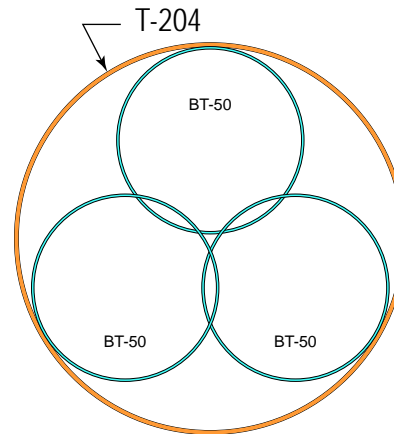
Two BT-50 tubes in a T-204 - Good fit. Two BT-5's can be added. Two BT-20's cannot.



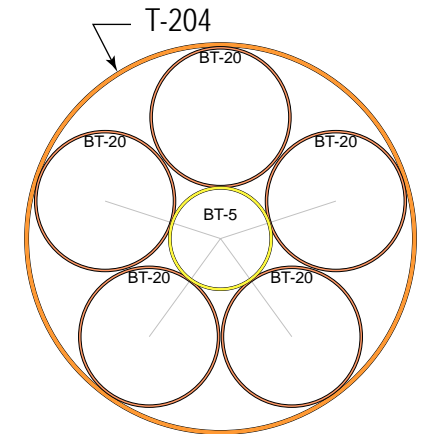
Three BT-20 tubes in a T-204 plus three BT-5 tubes; BT-5's are a skosh tight this way, but if the BT-20's are moved out slightly, everything fits fine



Three BT-20 tubes in a T-204 plus four BT-5 tubes; Center BT-5 is a tad tight.

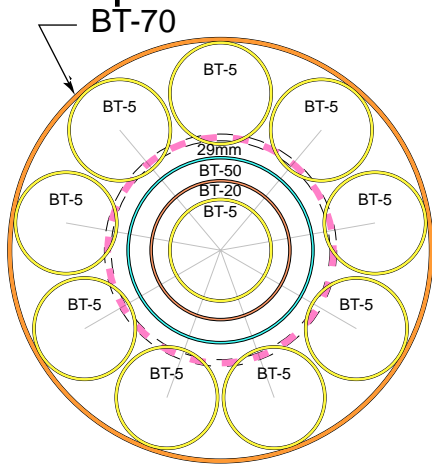


Three BT-50 tubes in a T-204 - No way!

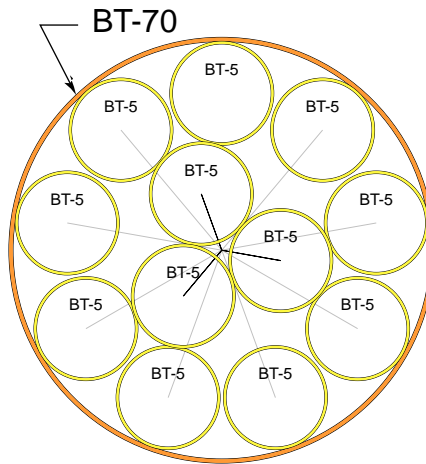


Five BT-20 tubes in a T-204 plus one BT-5 tube; BT-5 is a little tight. Can have two to five BT-20's in this arrangement.

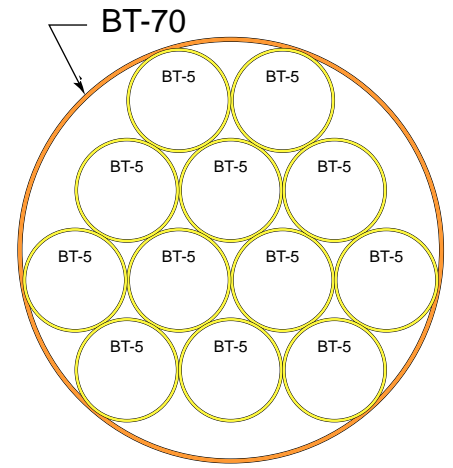
Cluster patterns for BT-70 tubes



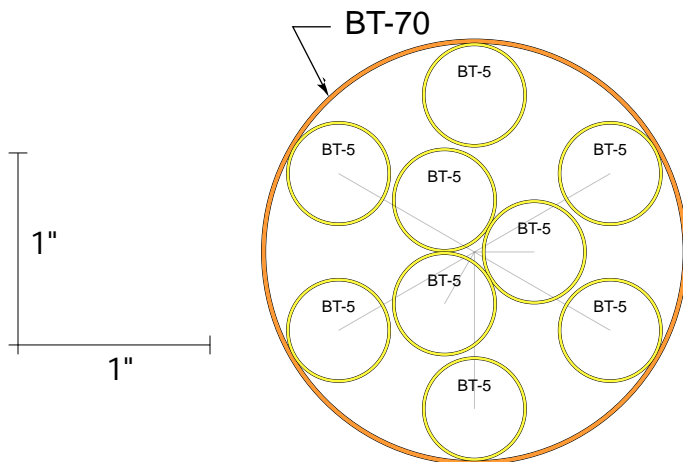
Up to nine outboard BT-5 tubes can be arranged around the perimeter of a BT-70 with either a BT-5, BT-20 or BT-50 center tube; 29mm tube is too tight



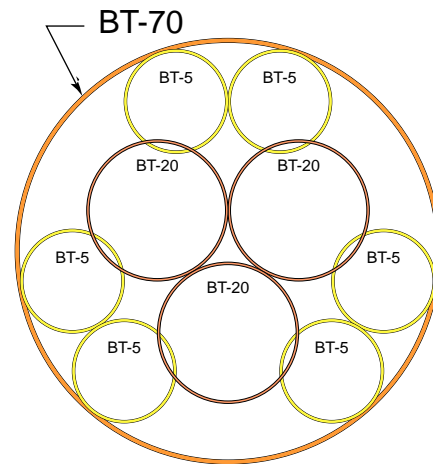
Twelve BT-5 tubes in a BT-70; center tubes are a little tight



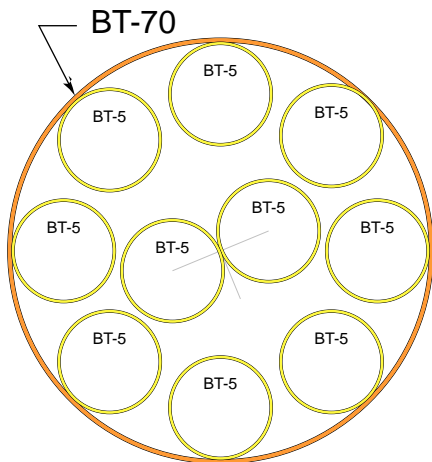
Twelve BT-5 tubes in a BT-70; not as tight as before.



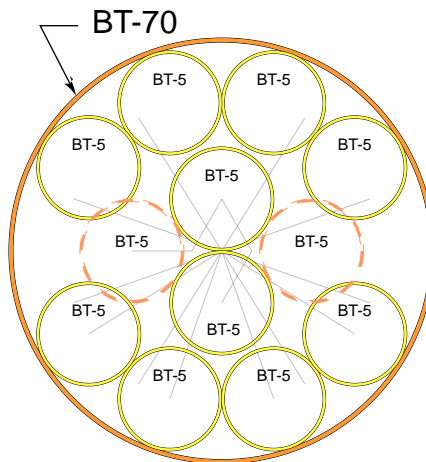
Nine BT-5 tubes fit very easily in a BT-70 with this arrangement.



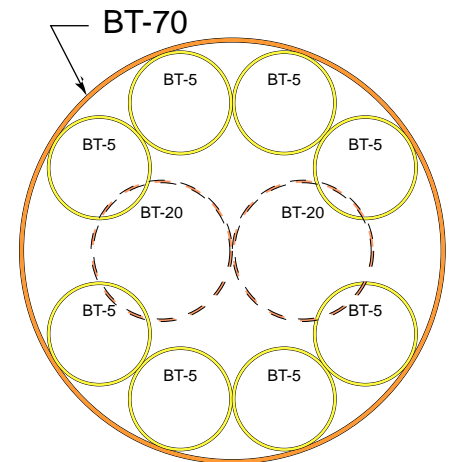
Rearranging outboard tubes makes more space, but not enough for inboard BT-20's.



10 BT-5 tubes in a BT-70;

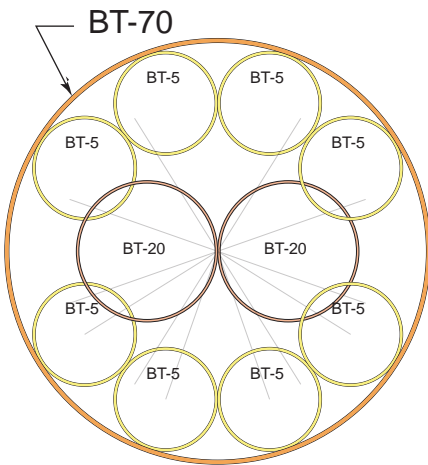


Rearranging the perimeter, we can still get 10 BT-5's, but not 12.

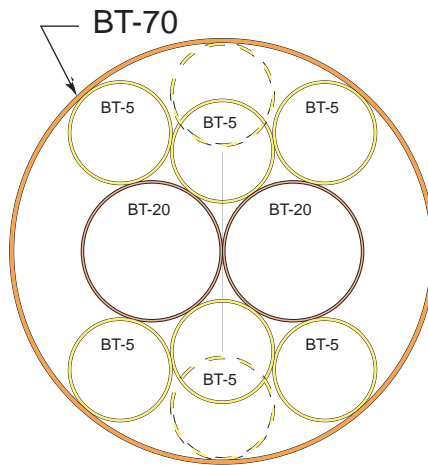


Likewise, can't squeeze two BT-20's in here either.

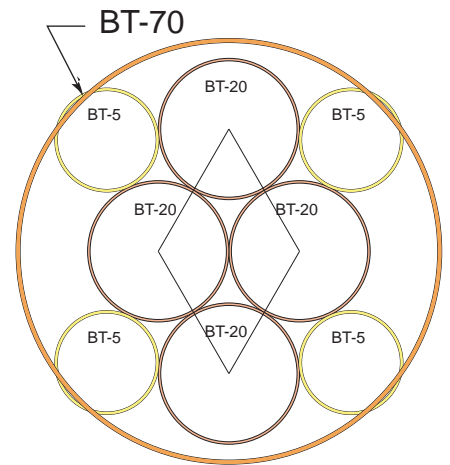
More cluster patterns for BT-70 tubes



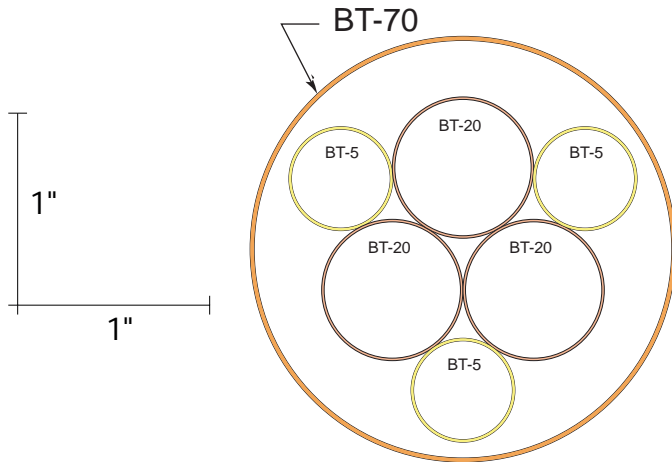
Although eight BT-5's won't fit here...



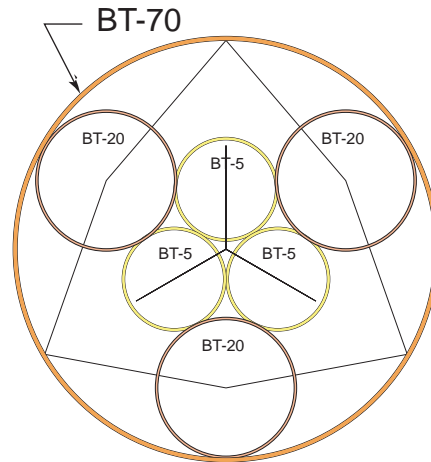
...six BT-5's will fit nicely with two BT-20's.



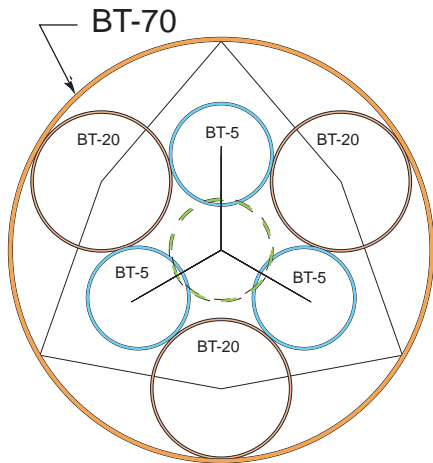
Following the trend, two more BT-20's can be added, but the BT-5's will be too tight.



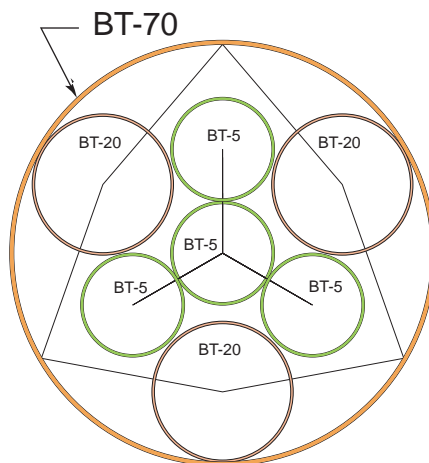
Three BT-20 tubes and three BT-5 tubes fit easily in a BT-70.



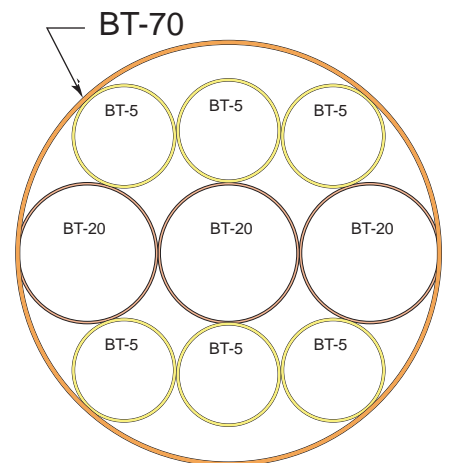
Rearranging it this way leaves the BT-5 tubes too tight



Moving the BT-5's out allows for an easy fit and almost room for a center BT-5...

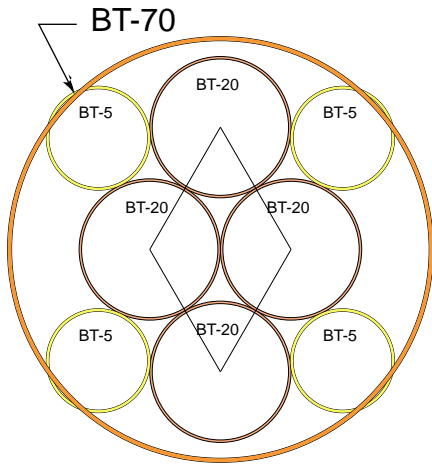


...so move them out a little more and get four BT-5's.

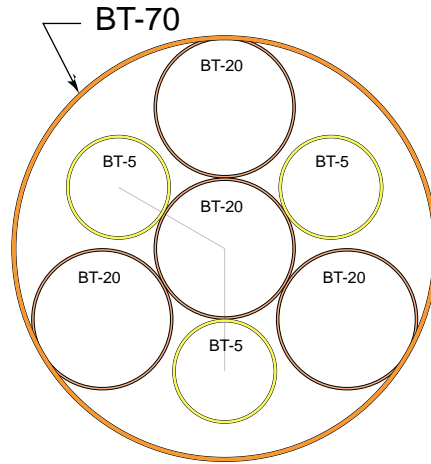


Lastly, although three BT-20's is tight, it will fit along with six BT-5 tubes.

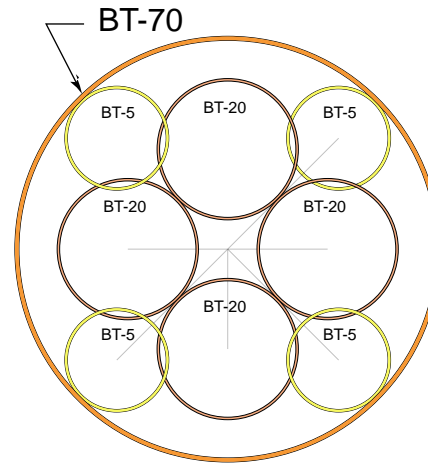
Still more cluster patterns for BT-70 tubes



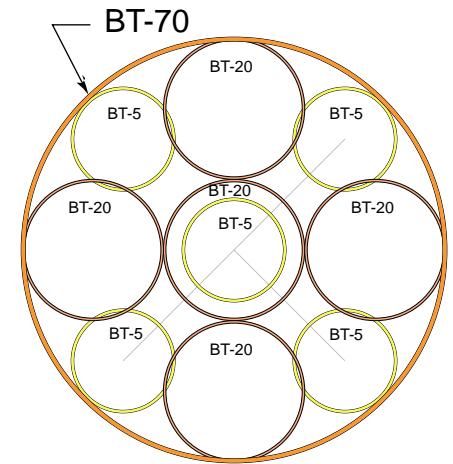
While four BT-20's can readily fit, the BT-5's will be too tight.



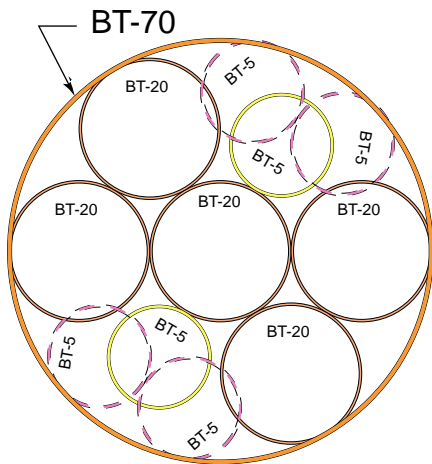
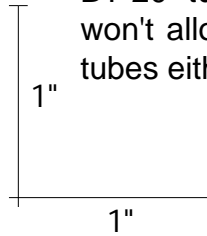
This alternative arrangement of four BT-20's again finds them tight, but they will fit along with three BT-5's.



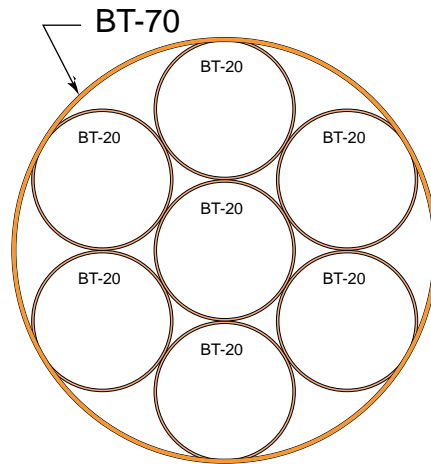
This arrangement of four BT-20 tubes in a BT-70 won't allow outboard BT-5 tubes either - no way!



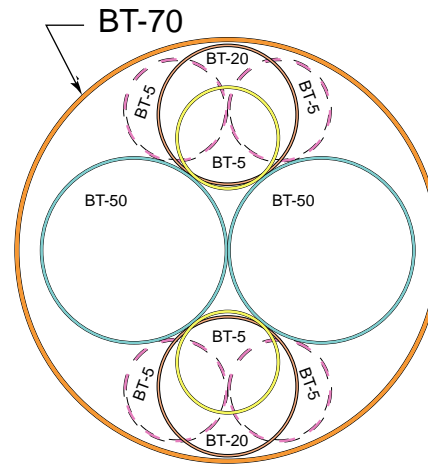
Continuing the theme, four outboard BT-20 tubes can be placed around a central BT-20, but there is no longer space for the outboard BT-5's. Using a central BT-5 will relax the cramping of the BT-20's, but the outboard BT-5's still won't fit.



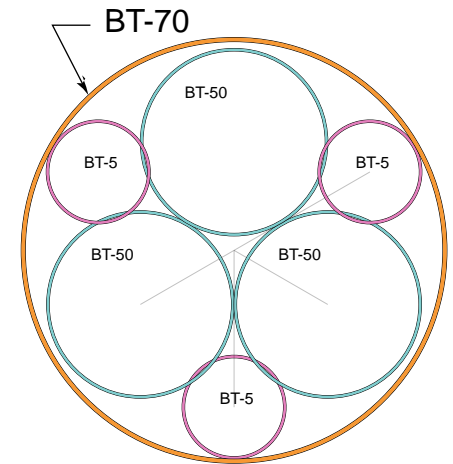
This alternative arrangement has five tightly spaced BT-20's and room for two BT-5's. No way to have four BT-5's here.



Lastly, 7 BT-20 tubes in a BT-70; Tight fit - some interference - but it can be done

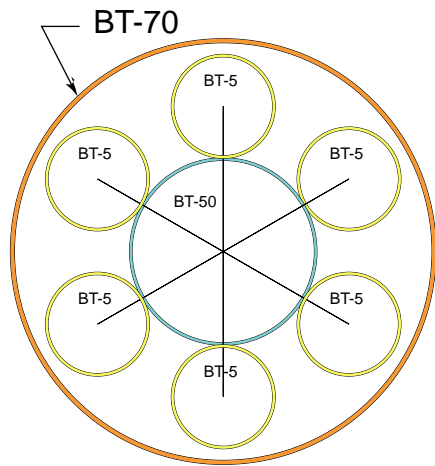


Two BT-50 tubes fit easily in a BT-70 along with two BT-20's or two BT-5's or even four BT-5's.

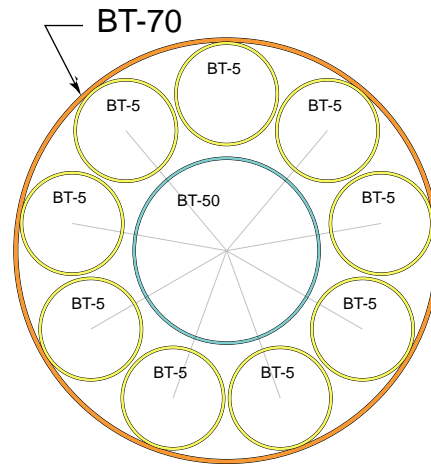


Three BT-50 tubes in a BT-70 fit fine, but BT-5 tubes are too tight

And lastly, two more cluster patterns for BT-70 tubes



Six BT-5's can easily fit around a BT-50. And it can be flown in multiple configurations with two, three or four 13mm motors.



In fact, up to nine BT-5's can be fit around a BT-50.

