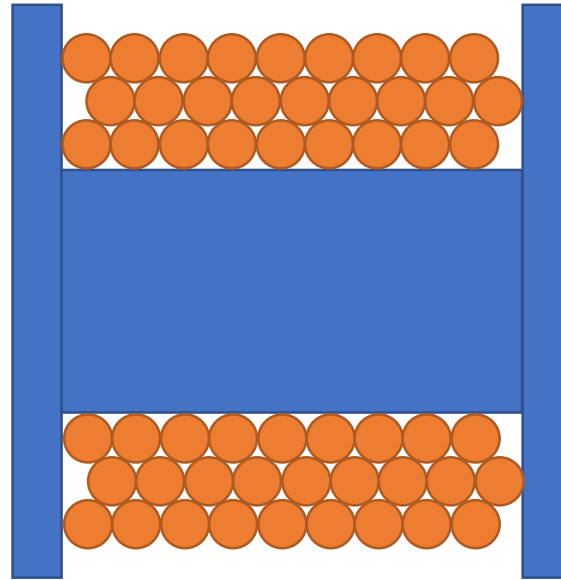
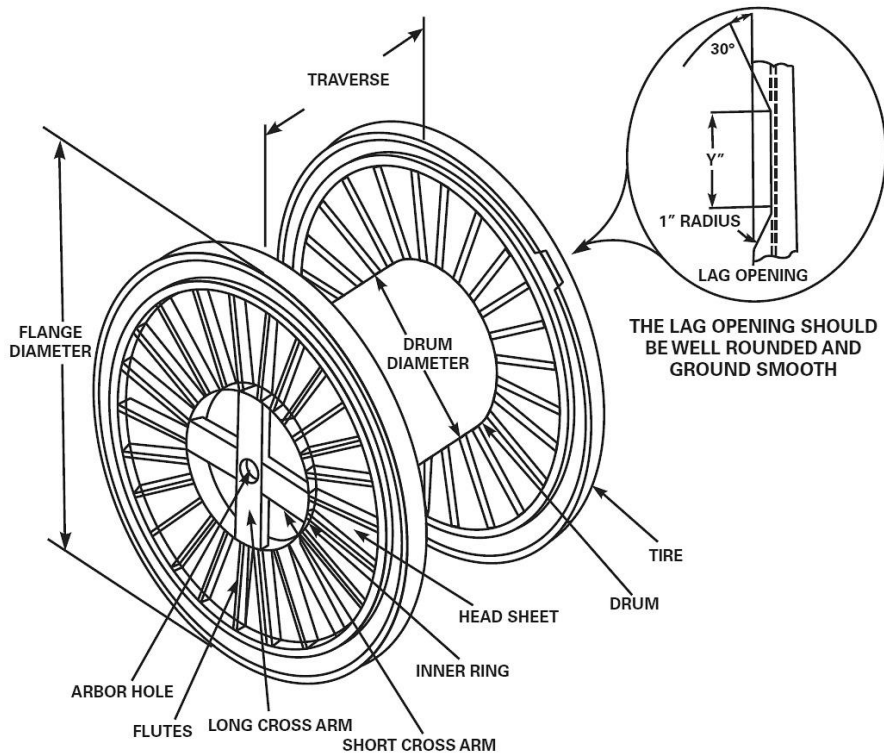


Continuous delivery or loading of wire on a spool.



Given the following:

$r_{\text{spool_min}}$ = Spool radius (unloaded)

$r_{\text{spool_max}}$ = spool radius (loaded)

w_{spool} = spool width

r_{wire} = wire radius

Treat geometrically (i.e. no mass or moments).

Determine $\omega(t)$ s.t. $v(t)$ is constant. Plot $\omega(t)$ vs. t .

Acknowledge assumptions made.