

Title:

Constant Tension Wire Let Off

Sponsor:

Fort Wayne Metals Research Products Co.

Brief Description:

The objective of this project is to create a constant tension wire let off for different spools up to 250 lb. The let off must be able to keep constant tension at different speeds and as the spool gets lighter. The wire consists of different hardened alloys and sizes range from .091" to .0453". Vibration must also be minimized with this let off and can be self contained, pneumatic, and/or electrically powered.