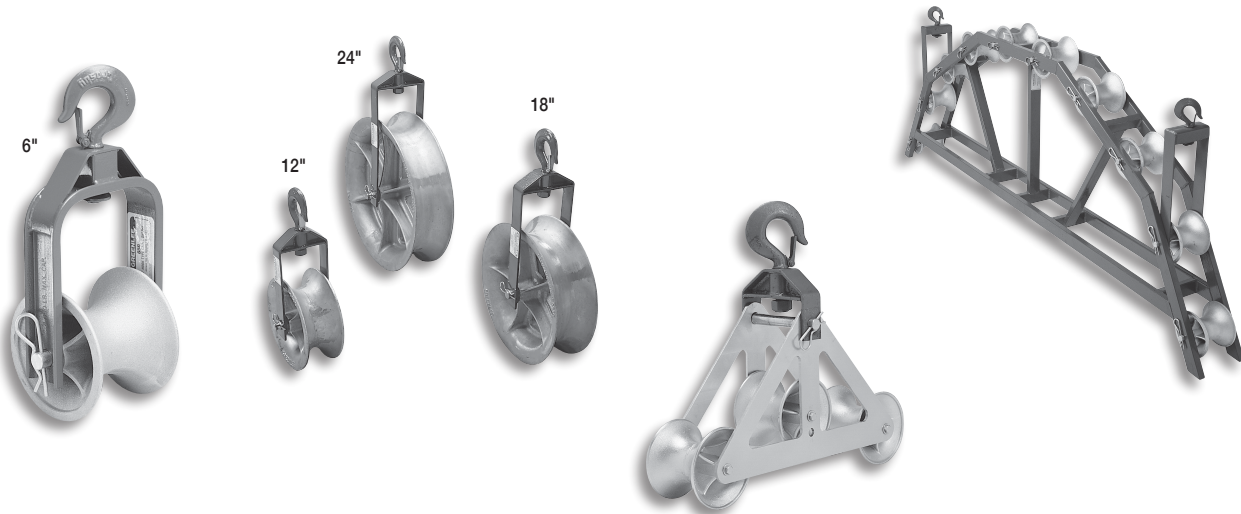


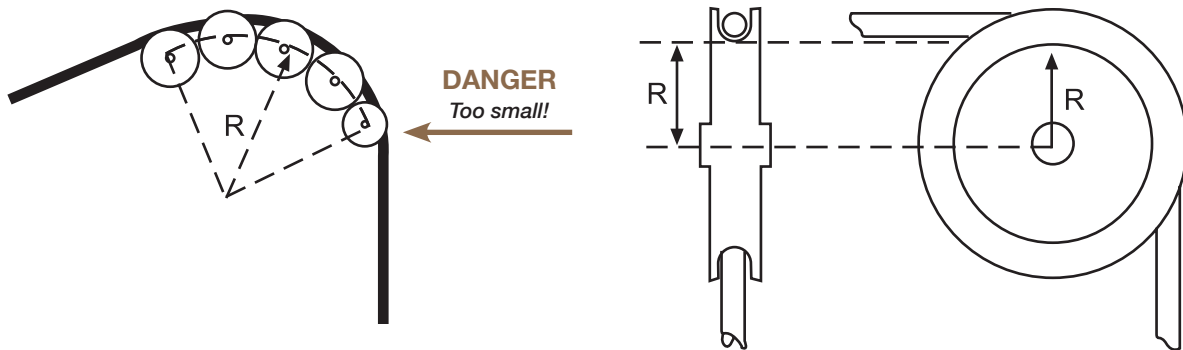
CABLE INSTALLATION TIPS

Sheave strength ratings are for straight pulls only. Always refer to allowable tensions for each radius. Most single and conveyor sheaves are rated at 4,000 lbs or more, but these ratings can only be used for the pulling rope, not the cable. Single sheaves are best for guiding and supporting cable. For cable bends use conveyor sheave assemblies to control sidewall pressure.



Cable damage can occur when too small of a radius wheel is used.

NOTE: When using conveyor sheave equipment, it is critical for set up that the lead and exit sheaves not have a bending radius smaller than the center wheels. (see below left)



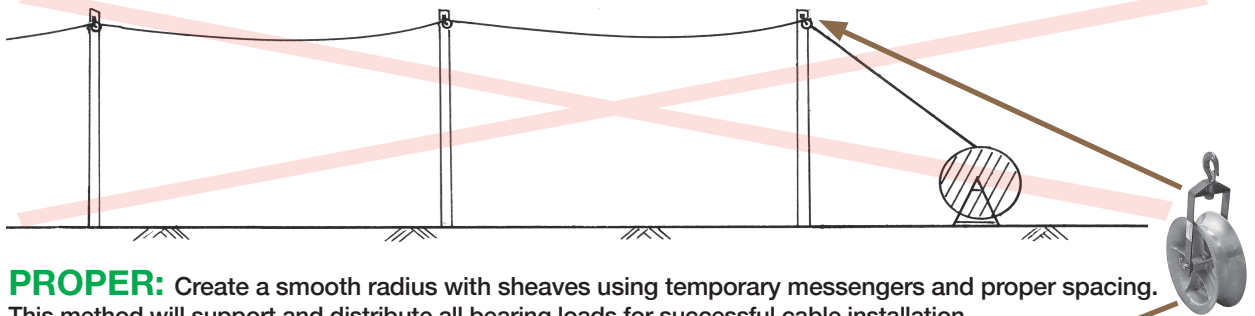
Don't confuse the diameter of the sheave with the radius. The radius MUST match the cable's bending radius.

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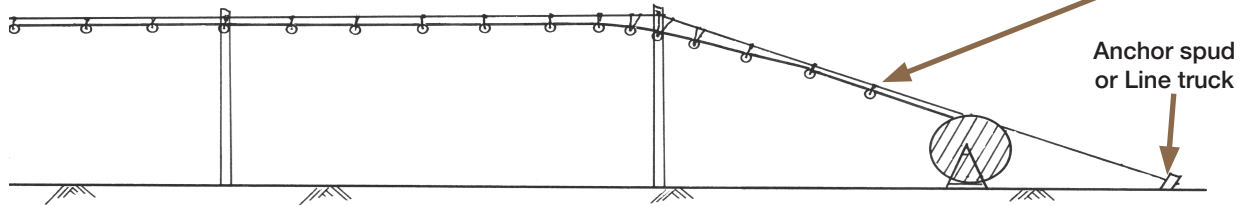
CABLE INSTALLATION TIPS

Stringing Aerial Cables on Poles (*applies to pulling in or out*)

IMPROPER: This method can cause sidewall pressure and crush the cable.

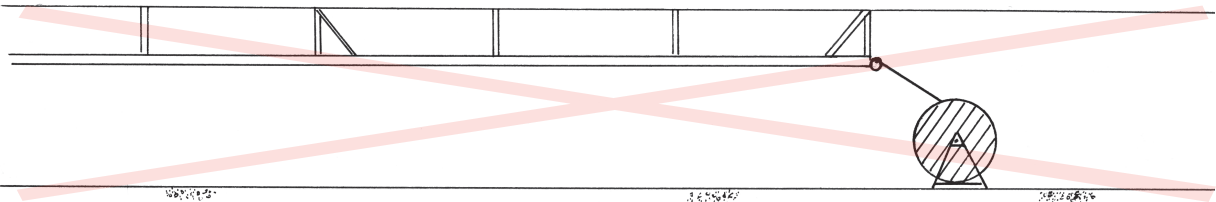


PROPER: Create a smooth radius with sheaves using temporary messengers and proper spacing. This method will support and distribute all bearing loads for successful cable installation.

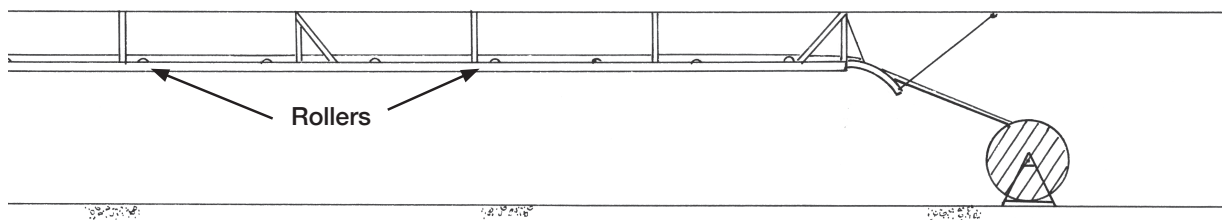


Loading Cable Into Tray

IMPROPER: This method can cause sidewall pressure and crush the cable at the leading point. Lack of rollers will increase drag creating more tension.



PROPER: Use a large multi-wheel conveyor to distribute sidewall pressure. Lead and exit wheels must meet minimum cable bend. Use tray rollers to eliminate cable drag.



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