

## **CENTER BEAM TYPE CARS**

*Corresponding AAR Open Top Loading Rule 22.4*

Cable tail must not protrude more than 6 in. outside of ratchet barrel.

Bolted clamp must be properly fitted inside the ratchet barrel and tight against the hole on the barrel.

All cables must be properly secured per manufacturer's recommendation prior to car movement



**PROPERLY SECURED CABLE FOR EMPTY MOVEMENT OF RAILCAR**



**Improperly fitted clamp on ratchet barrel**



**Properly fitted bolted clamp on ratchet barrel**

Cable assemblies must be equipped with non-metallic edge protectors. Existing damaged, broken, or missing metal edge protectors must also be replaced with non-metallic edge protectors. Existing metal edge protectors that are in good condition do not need to be replaced.

Cable assemblies must be replaced when knots cannot be removed and interfere with proper winding of cable.

Cable assemblies must be replaced when cable chain is worn or corroded more than 25%.