

Martin

STOCK IDLER SPROCKETS & CHAIN TIGHTENERS

USES:

- To obtain proper chain tension when neither shaft is adjustable and to take up slack developed through normal chain wear.
- To guide chain around obstructions.
- To prevent whipping action in slack strand.
- To afford greater chain wrap around a small sprocket particularly in vertical drive.

Idler speed should not exceed 2500 RPM and radial load not exceed 50 lbs.

Mount in contact with slack strand of chain.

Mount on outside of chain when chain wrap on small sprocket is less than 120°.

Have at least three teeth in mesh.

Inside mounted idlers provide quieter operation particularly on short center drives with moderately high speeds.



BRONZE BUSHED TYPE



Install hardened split lock-washer adjacent to sprocket on both sides.

Idler sprockets should be located in the slack span of chain.