

TENSION-FINDER[®] JR.

The Tension-Finder Jr. is a quick, easy and accurate belt tensioning tool. Proper tensioning is the single most important factor necessary for long, satisfactory operation of any belt drive. Too little tension will result in slippage, causing rapid belt and sheave wear and loss of productivity. Too much tension can result in excessive stress on the belts, bearings and shafts.

USER INSTRUCTIONS

The Tension-Finder Jr.[®] can be used to tension individual v-belts or v-bands.

- For use on new classical or wedge v-belts or bands
- Do not use on synchronous belts or belts with aramid or glass cord

PROCEDURE:

Step 1: Install new belts loosely on the drive

Step 2: Apply enough tension to take the slack out of the belts



Step 3:

Scribe a line on the belt with the pen provided using the Tension-Finder Jr. as a square

Step 4:

Position the scribed line in the slot with the start line



Step 5:

Attach the Tension-Finder Jr. to the belt with the spring clip

Step 6:

Tighten the belt until the scribed line moves to the tension line recommended for that belt type

WARNING: REMOVE THE TENSION-FINDER JR. FROM THE BELT BEFORE STARTING THE DRIVE.

Instructions for cog belts are on the other side

SPECIAL INSTRUCTIONS FOR COG BELTS

If the spring clip won't sit securely on the flat area between cogs, take the following steps:



- Place the spring in a cog groove



- Put a dot on the start line



- Scribe a line through the dot



- Go back to Step 4 on the other side



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The Tension-Finder Jr. is for use with the following belts:

Classical belts:

A, B, C, D, A-R, B-R, C-R, AX, BX, CX, DX, RB, RC, RD, RBX, RCX

Wedge belts:

3V, 5V, 8V, 3VX, 5VX, 8VX, XPZ, XPA, XPB, XPC, R3V, R5V, R8V, R3VX, R5VX



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Timken® belts are part of The Timken Company's growing portfolio of engineered bearings and power transmission products. Timken Belts manufactures premium-performance power transmission belts that help keep industry in motion and the world more productive.