

Poly V Products

1.90" Roller Tube OD Inserts

- Injection Molded
- Conductive plastic with 2 ABEC-1 ball bearings
- 43mm OD (Effective diameter) – 1.69"

Standard roller tube is 1.90" OD x .065" wall thickness.

- Other sizes available – call for information
- 43MM insert OD with belt installed is 1.84" final OD



Poly V Belt Configuration

Accommodates Hutchinson ConveyXonic "J" series - 2, 3, or 4 ribs. **Belts are available upon request.**

Poly V design matches directly with the Itoh motorized roller or if an alternate non powered roller motor option is chosen, Poly V pulleys can be machined to your specification.

Poly V inserts are sold as a component, or as complete rollers.

Available with 2 shaft configurations

- 3PB44J43-4** - 7/16" Hex - Spring loaded through shafts or drilled and tapped ends 5/16-18 x 1.00" deep
- 3PB50J43-4** - 1/2" Round - Drilled and tapped 5/16-18 x 1.00" deep

Safety Considerations: Poly V belts have very little elongation or stretch. Guards or shields should be installed anywhere personnel could come into contact with them due to nip points.

2.50" Roller Tube OD Inserts

- Machined out of Steel or Stainless Steel
- Roller center distances start at 3.00"

Insert effective diameter (OD) is dependent on whether final diameter with belt installed must be less than roller tube diameter.

Standard roller tube is 2.50" OD x .120" wall thickness

- Insert has 1 ABEC-1 precision ball bearing.
- Insert is welded to the tube end for strength and concentricity.



Poly V Belt Configuration

Accommodates Hutchinson ConveyXonic "J" or "K" belts with up to a maximum of 8 ribs per belt dependent on roller centers and loading – See how to determine in "Application Information Required". **Belts are available upon request.**