

These are newly developed shafts
for making printers more lightweight.

Resin-coated TUBE shafts

Surface coating

It was our goal to create paper-feed rollers that were more lightweight and lower in cost. This is a product that meets those requirements. By covering steel tubing with a resin layer, the shafts are made to be more lightweight, enabling their use with low-power motors. Costs are also reduced by eliminating the need for plating to protect against rust. Although warping accuracy and diametral accuracy are not at the same levels as that of solid tubes, they provide stable paper-feeding thanks to a ceramic-grain coating. They contribute to the increased popularity of reasonably priced printers that print up to A3 sized paper.

Product features

- By covering steel tubing with a resin layer, the shafts are more lightweight
- Features ceramic-grain coating on the resin surface
- Effects from fluctuations in material prices can be reduced

Product applications

Paper-feed rollers in home printers

