

SERVICE BULLETIN

PAPER MACHINERY CORPORATION

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THRUST BEARING, SPLIT FLANGE BOTTOM FINISH TOOLING

No. 185.4

TO EXTEND THE SERVICE LIFE OF RAMP STYLE BOTTOM FINISH STATION TOOLING PMC-1002

RECOMMENDATION:

PMC, in a continuing effort to engineer an improved product, is pleased to offer a thrust bearing, split flange bottom finish roller assembly for the ramp style station. The new design provides longer service life with less downtime as long as regular maintenance is performed. To change from the design being used on your machine to the new design, the thrust washer needs to be ground for the correct fit.

INSTRUCTIONS:

1. With the cooling ring assembly mounted to the station, use a depth micrometer to measure the distance from the face of the cooling ring to the face of the bearing shaft. Record that dimension. **(B)** *NOTE: Clamp ring insert and roller assembly are **not mounted**.*
2. With the roller assembly mounted to clamp ring insert (including the thrust bearing and thrust washer together on bench) measure the distance from the face of the split flange to face of the thrust washer. Record that dimension. **(A)**
3. Subtract the dimension in step 1 from the dimension in step 2. That amount plus .001" (for clearance) will be the amount to be ground from the thrust washer. **(C)** See photos on next page.

EXAMPLE: (A) – (B) + .001" = (C)

Grind **(C)** from the thrust washer

After installing the parts, run the machine to achieve operating temperature (approximately ½ hour). Cycle stop the machine and check the Roller to ensure it still rotates freely. Due to expansion rates, it may be necessary to remove an additional 0.001"– 0.002" from the Thrust Washer/Fitting Spacer.

MAINTENANCE:

Once a week remove the bottom finish roller assembly from the station, clean the parts, inspect the parts (for damage or wear), and re-assemble. Prior to re-assembly, coat the flange with a **film** of grease and repack the needle bearing using Chevron Rykon EP 2 (HW-16629), Mobil Polyrex EP 2, or equivalent.

CONTACT

Parts orders and customer communication can be made using telephone, FAX, or e-mail. See below. Contact can also be made using the **main** telephone switchboard at 414-354-8050 or FAX number 414-354-8614. Sending a FAX **directly** to the Service Department, at 414-354-1710, will convey a faster response. If using e-mail and no response is made within 3 working days, please contact via phone or FAX.

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Please make sure to carbon copy (CC) Holly Warner, Jessica Mojica, and Danielle True in **all** e-mails containing parts orders, and carbon copy (CC) **both** Mike Ferguson and Steve Evans in **all** other e-mails.

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