



SURFACES

MAXIMUM DAMAGE AND REPAIR DEPTH

A, C, E, and F

Damage may be considered negligible and not requiring repair if the depth does not exceed 0.010 inch (0.254 mm), and the minimum radii observed in the damage area are not less than 0.025 inch (0.635 mm).

B

Damage not exceeding depth of 0.005 inch (0.127 mm) may be repaired with the use of a surface plate. Both halves of the cone set must be surfaced exactly the same amount so that the distance from surface B to D is identical for both halves.

D

Surface must not have any protrusions above the surrounding surface. Dents and scratches not exceeding depth of 0.010 inch (0.254 mm) may be polished out.

Edge Chamfer to
Remove Damage

0.030 inch (0.762 mm).

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Figure 62-4. Main Rotor Cone Set Damage Limits and Repair