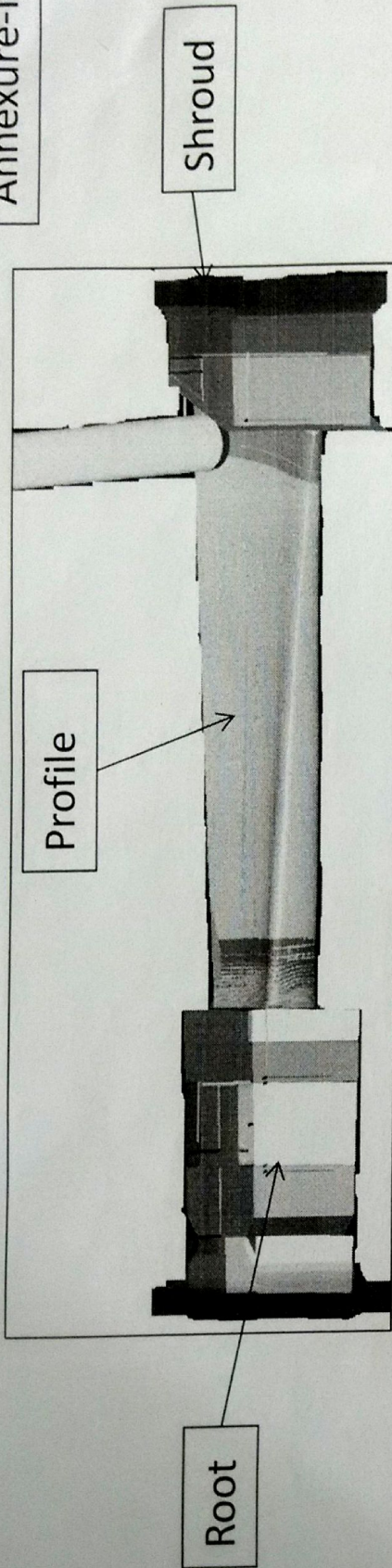




- Operational cycle time of T-19 torus cutter depends upon the size of the blade
- Cycle time is in the range of 10 to 20 minutes per blade for X20 Material.

Fig-A Job Shape at the start of Torus Tool Operation

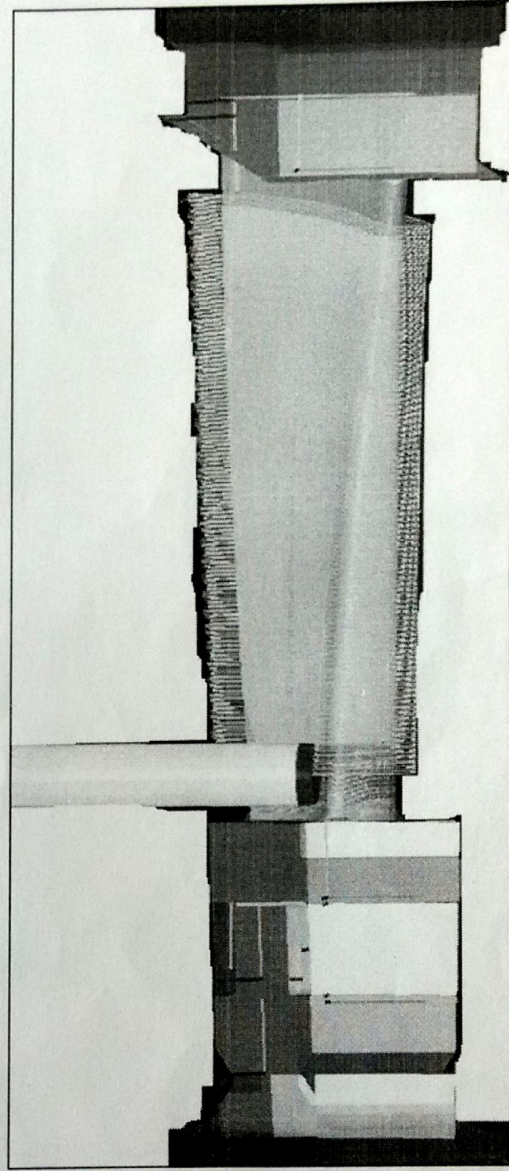
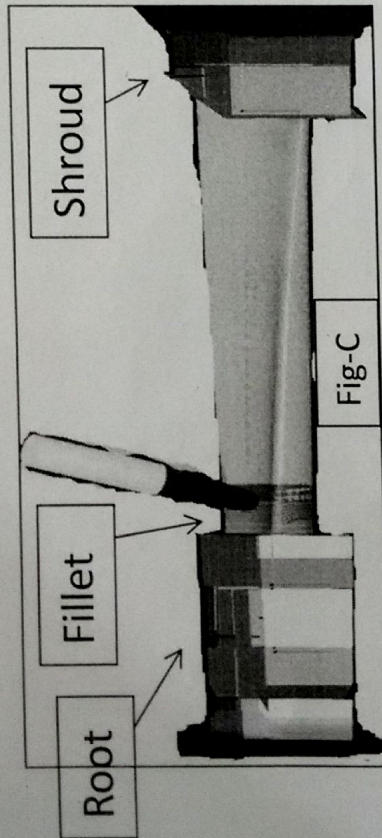


Fig-B Job Shape after finish operation with Torus cutter

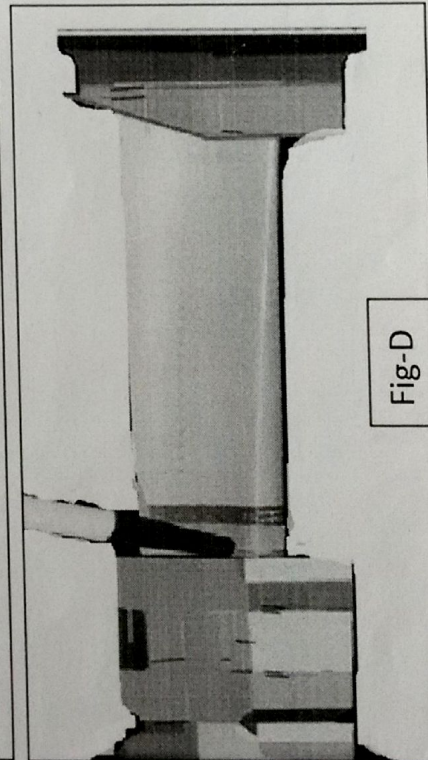
Harshit
(HARSHIT, E)
TLM)

Shilp
(S. K. Sharma)
MPL (TA)

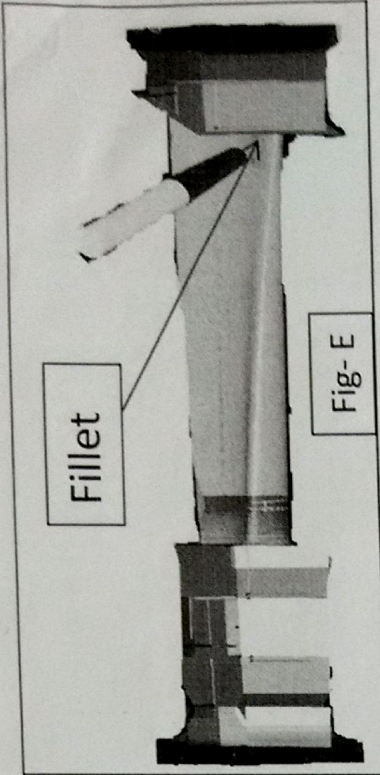
Dipankar
(DIPANKAR SHARMA)
E1-NBS



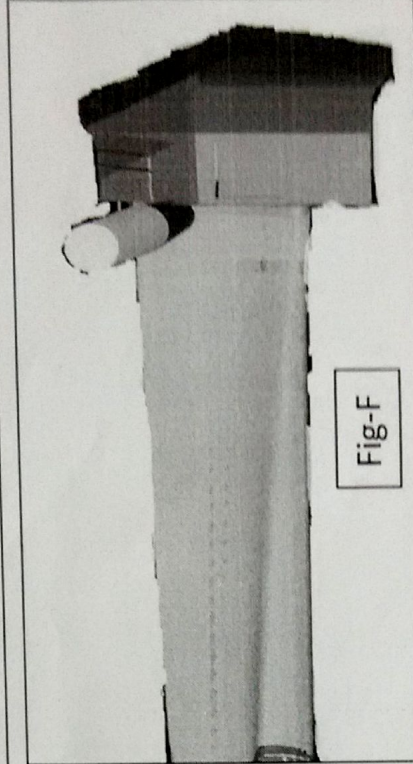
Root side fillet start of operation with Ball K-10 nose Cutter



Root side fillet after finish operation with Ball K-10 nose Cutter



Shroud side fillet start of operation with Ball K-10 nose Cutter



Shroud side fillet after finish operation with Ball K-10 nose Cutter

- Operational cycle time of K-10 Taper Ball Nose cutter depends upon the size of the blade
- Cycle time is in the range of 8 to 15 minutes per blade for X20/X22 Material.

Handwritten notes:
 (S.K. Sharma) (S.K. Sharma)
 (HARSHIT, E1 TLM) (DIPANKAR, SIKAR)
 E1-CMS