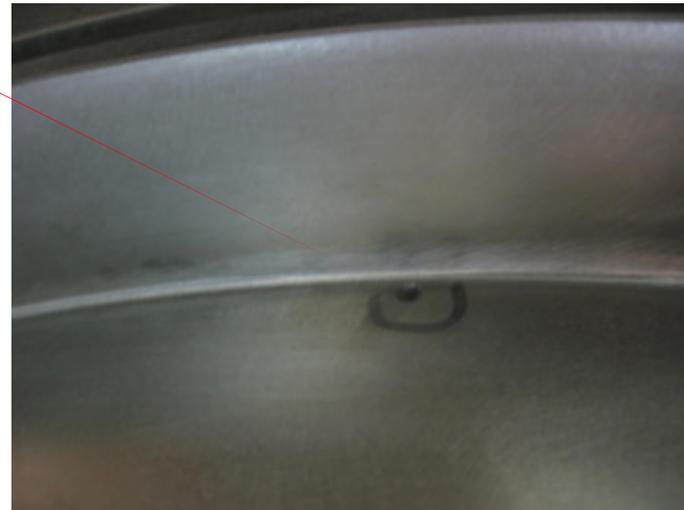


Datum D side

D2 – D95 has tool marks from ball nose machining that did not clean up a final polish (cross section of T was a .720")

D94 – D96 has a tool gouge that did not clean up on short leg (less than .010" depth)



Tool gouge on D side of T
near hole 19. Gouge is
approximately $\text{\O} .125 \times .03''$
deep.



Tool marks on short leg of D side near hole 49. Round gouge is approximately .015" deep. The longer tool mark is less than .005" deep.





Tool marks on short leg of D side near hole 55. Tool marks are less than .005" deep.



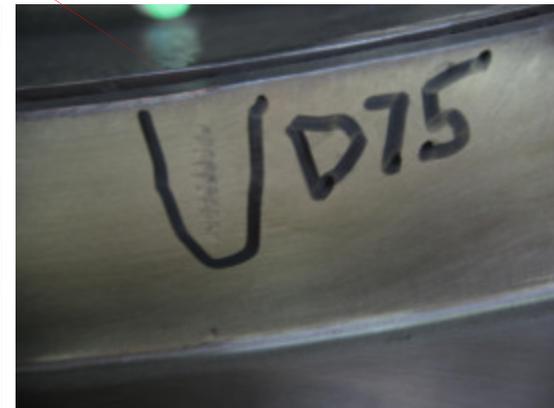


Tool marks on short leg of D side near hole 68. Tool marks are less than .005" deep.





Tool gouges along short leg of D side. All gouges are less than .005" in depth.





Tool gouges on E side
near T hole 45 and 65
approximately .005" -
.010" deep.





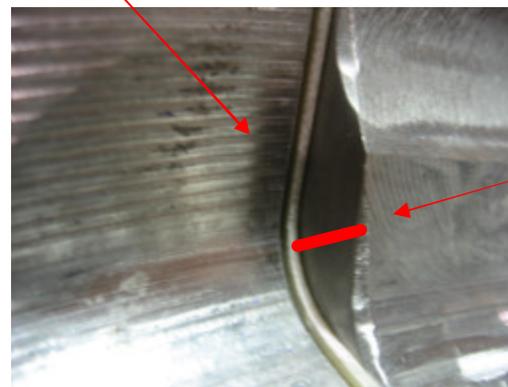
The mismatch across
this area is .020" -
.025".

Tool marks from ball nose cutter did not clean up on E side between holes 94 and 1. This area is nearly opposite of the area described in slide 1. Tool marks are shallow (<.005") but were not removed due to thickness concerns.

5/8/2007



Insulating shim is flush with the poloidal break around its periphery. The area of the casting where the cast wall intersects with the T section was not machined and therefore sticks out beyond the shim (4 places). The picture below shows the area with the maximum amount of stock. This is similar to previous C castings.



Measures approximately .450" diagonally.



Mapping of Undercuts

D Side

An area on the long leg near radius between holes 84 -87 checks from .010” - .013”

E Side

An area on the long leg near radius between holes 84 -87 checks from .010” - .012”