

Part D  
 Skimmer Mount Flange  
 Use 10" Conflat blank flange (provided)  
 Quantity: 1  
 Tolerances: 0.010" unless otherwise specified  
 Scale 1:2

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 2-9003

Didn't drill holes for dowel pins- turns out that they weren't necessary

2 Slip-fit through holes for 0.25" dowel pins placed as shown on a 9.128" b.c.  $\odot B\ 0.001"$

Weld groove for 8" O.D. tube

$\parallel\ C\ 0.001"$  in 3.0"

0.500"

-A-

Weld groove for 7.50" O.D. tube, 0.125" wall thickness

8.000"

7.600"  $+0.002$   
 $-0.000$

7.500"

Must allow slip-fit of Part C.

Cut inner corner sharp to clear Part C.

-B-

$\odot\ A\ 0.001"$

0.350"

-C-

4 evenly spaced, radial 4-40 tapped blind holes, 0.25" deep.

Radial screw holes were too difficult for machine shop to do- used 8 evenly-spaced 2-56 blind tapped holes to secure "wagon wheel", Part C, instead

