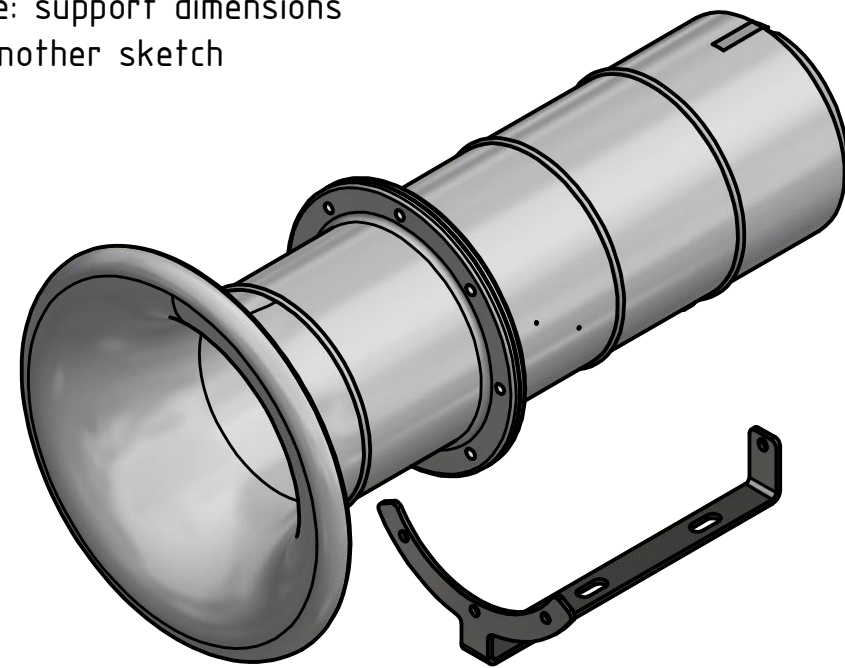
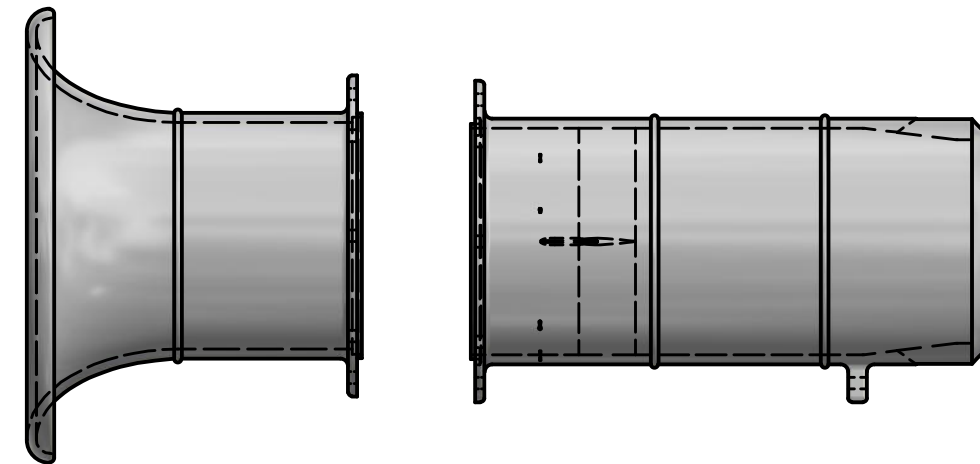


# Bellmouth with support ( 1 : 2 )

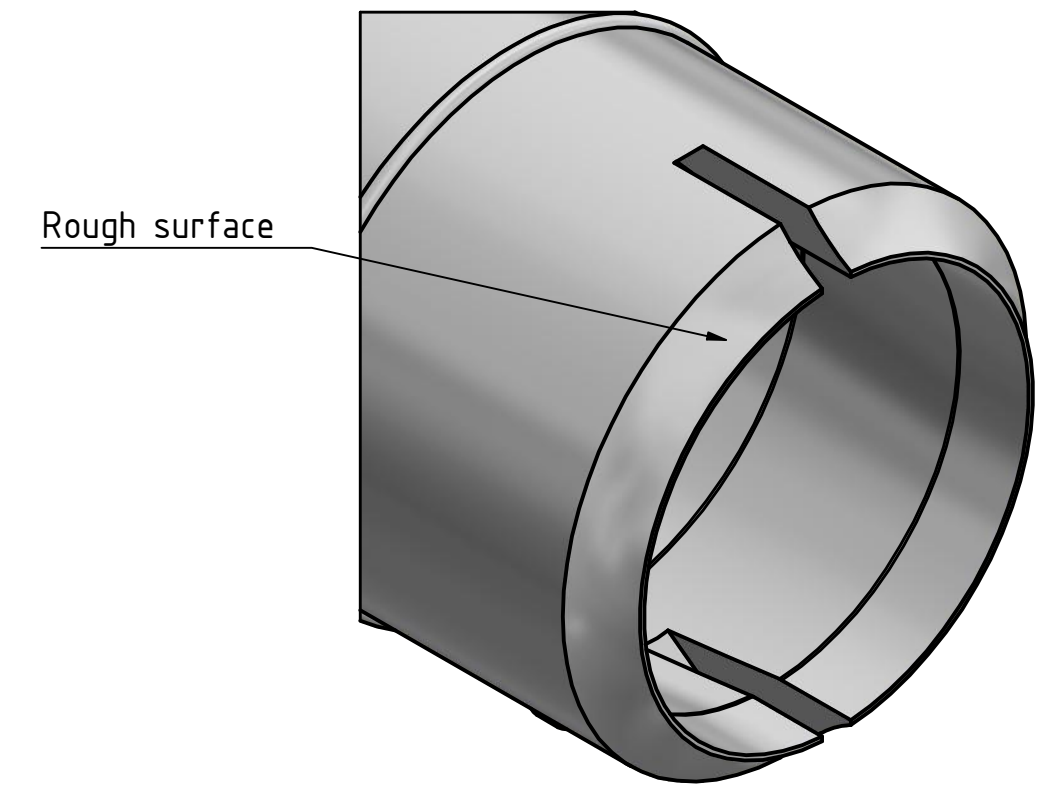
Note: support dimensions  
in another sketch



# Front and back pieces ( 1 : 2 )

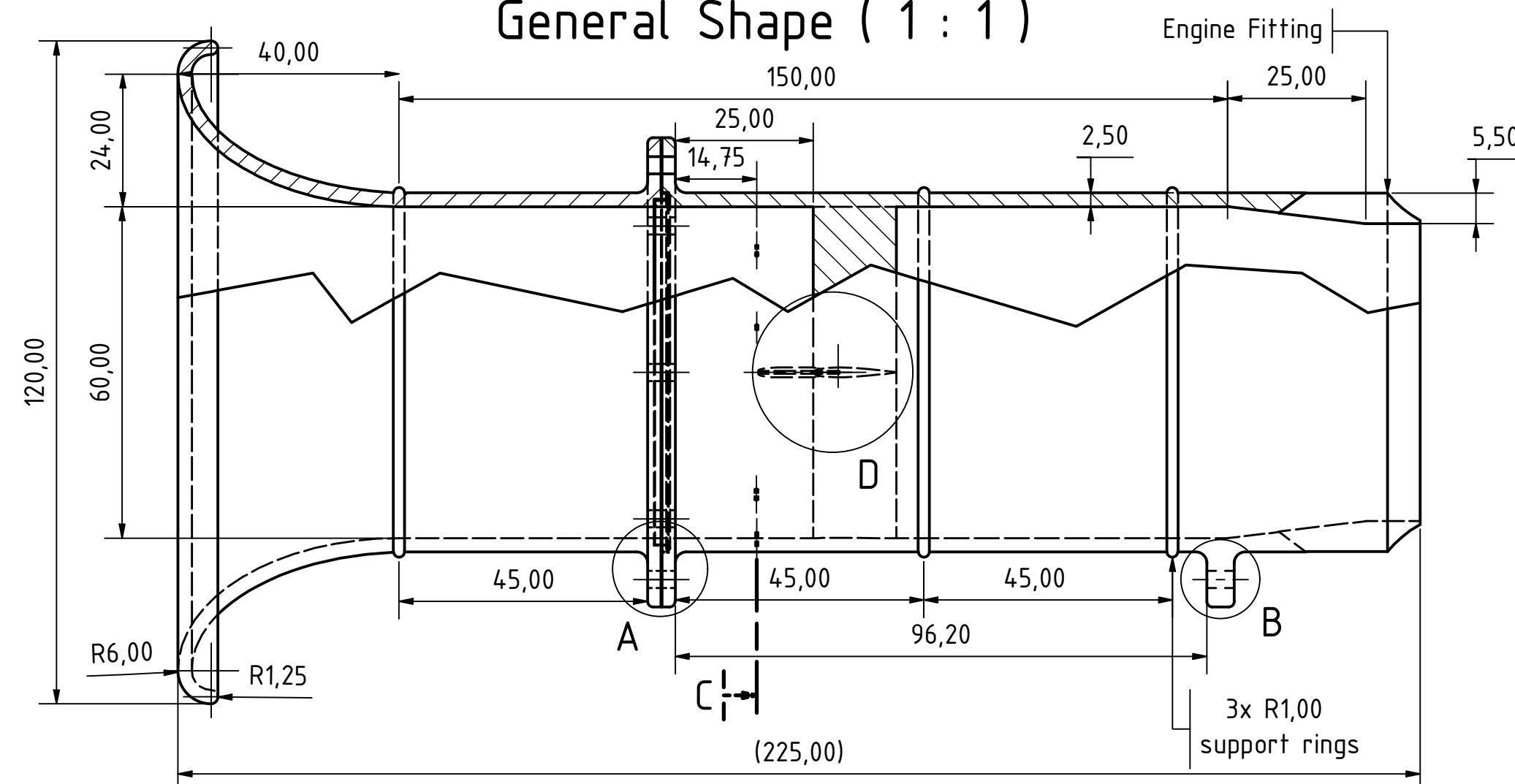


# Engine Fitting ( 4 : 3 )

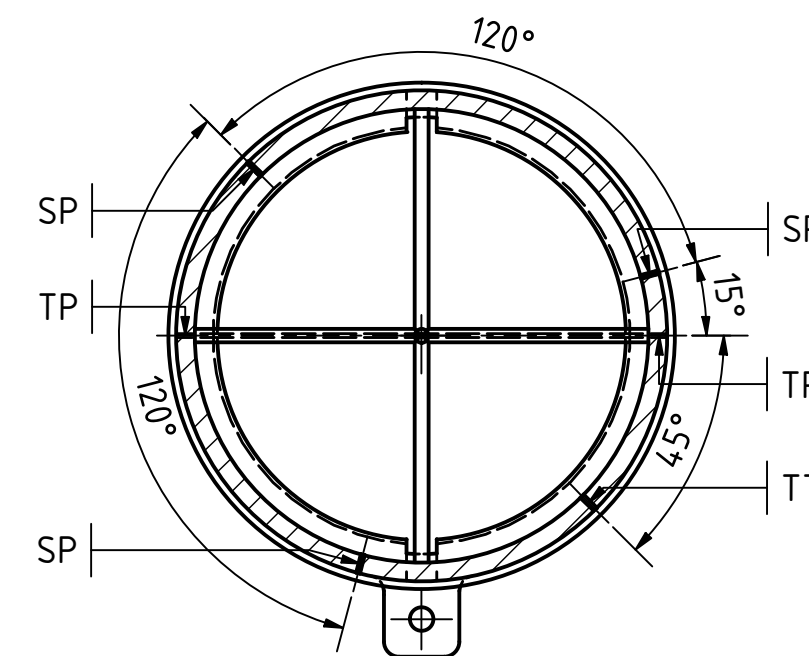


Note: driven dimensions, following engine inlet

# General Shape ( 1 : 1 )

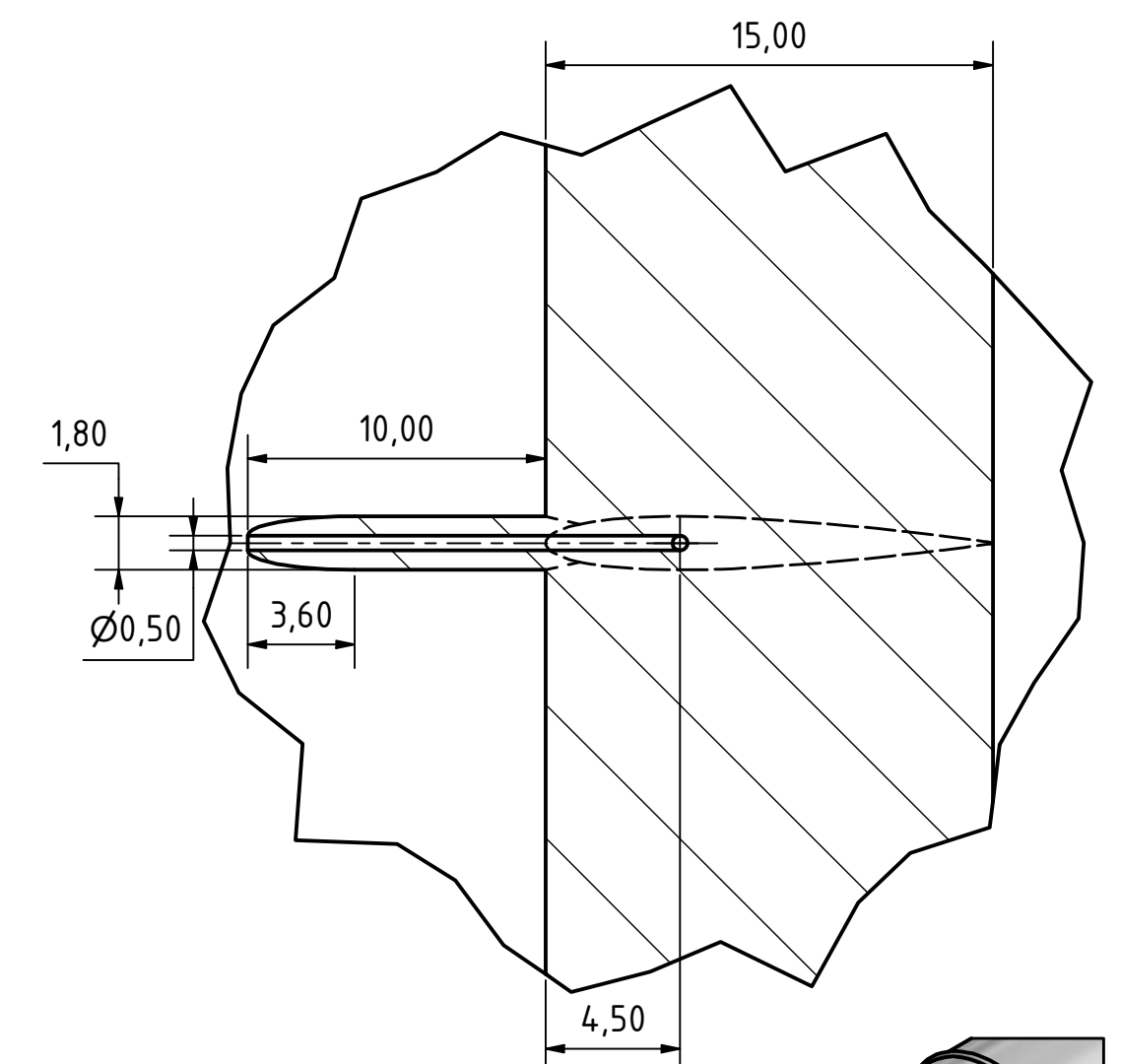


# C, position of ports front view ( 1 : 1 )

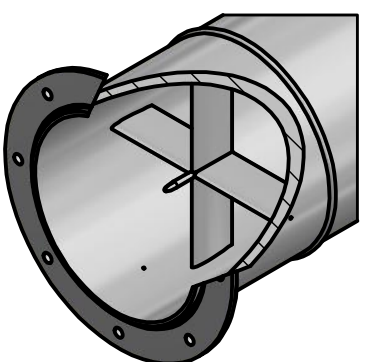


- Features SP, TP and TT:
- 3 Static Pressure ports:  $\varnothing 0.5$  THRU sep. 120°
  - 2 Total Pressure ports:  $\varnothing 0.5$  THRU sep. 180°
  - 1 Total Temperature port:  $\varnothing 0.6$  THRU

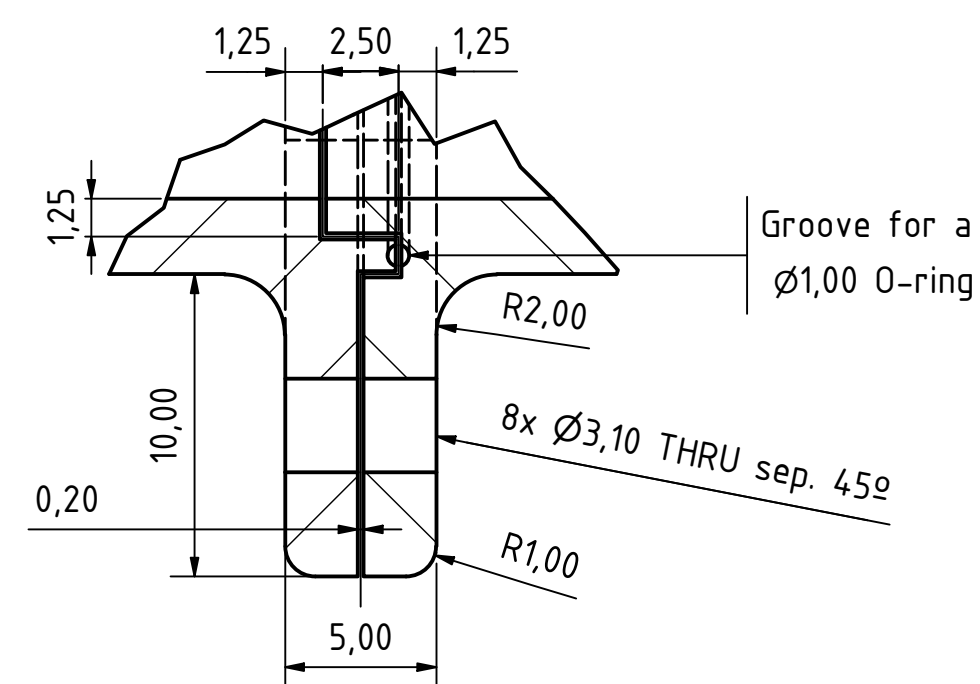
# D ( 4 : 1 )



D: Two NACA0012 profiles forming a cross with a central pitot tube connected to a thru hole



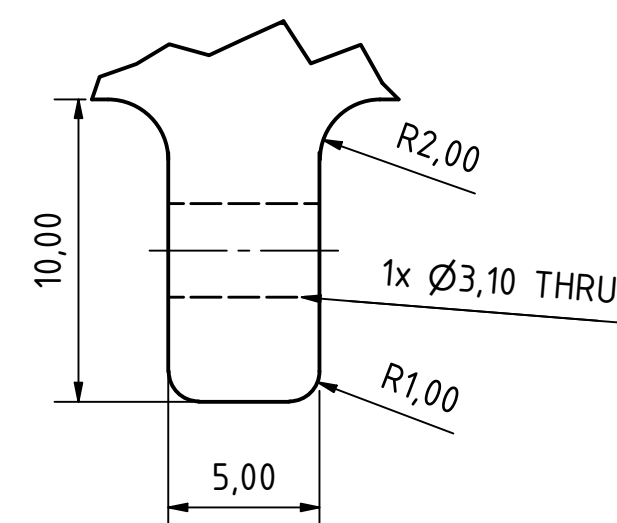
# A ( 4 : 1 )



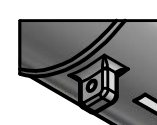
A is a full ring:



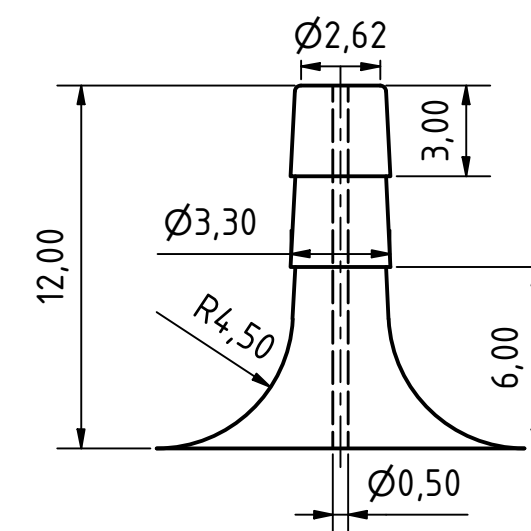
# B ( 4 : 1 )



B is a 10,00 thick protusion:



# Spigot ( 4 : 1 )



Spigots are added to all 5 pressure ports

Scale				UPC - EETAC			
				Date	Name	Bellmouth	
				Drawn	30-Jun-21		
				Checked	Octavian		
				Standard		Material: Resin 3D Printed	
State	Changes	Date	Name				1 A2