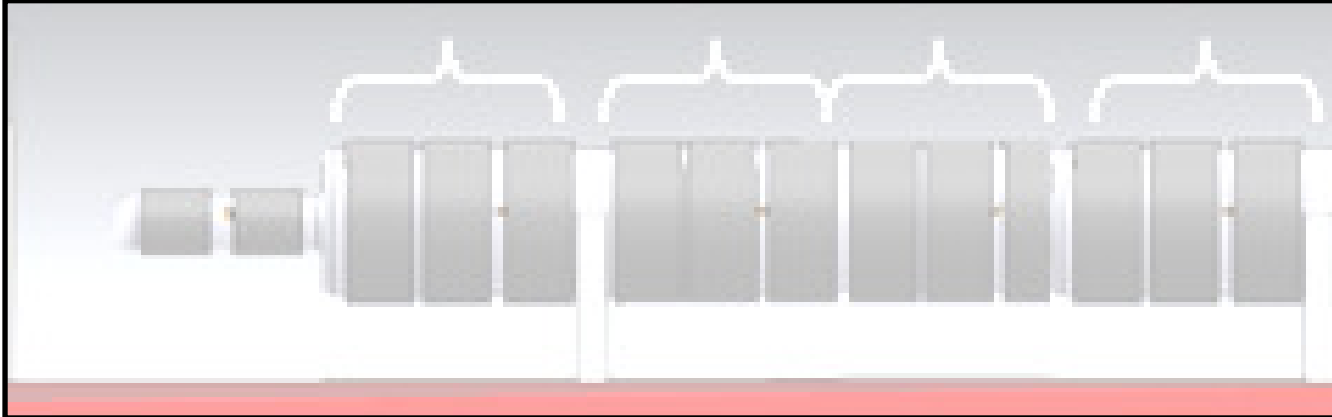
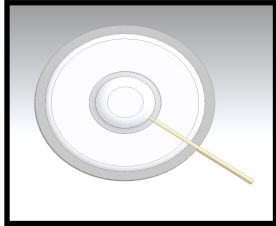


Sketch Desired TCS System. using Standardized Lengths. accounting for Interference and Thermocouples – 83mm (3.25”) Clearance Required

Sketch Clocking Position of Thermocouples



Zone #						
Power Rating of all Heaters in Zone (kW)						
% On-Time of Heaters in this Zone (%)						
Required Zone Power (Power Rating x %On-Time) (kW)						
Zone Length (mm)						
Barrel Outside Diameter (mm)						
Supply Voltage to Heaters (V)						
Maximum Allowed Amperage (a)						

Barrel OD - Range (mm)	TCS Inside Diameter (mm)
101-125	125
126-150	150
151-175	175
176-200	200
201-225	225
226-250	250
251-275	275
276-300	300
301-330	330
331-355	355

If Zone is Split by Interference, list each portion as separate Zones, such as Zone 1a and Zone 1b

Design for Future Cooling	Design for Cooling by Zone	Populate Light Blue Cells below to Define TCS Parts			
Required Standardized TCS Length (mm)					
Required Standardized TCS Inside Diameter (mm)					
Required TCS Half Voltage (V) (if Series, 50% of Supply Voltage)					
TCS Half Part Number From Price List					
TCS Power (kW) - 2 Halves From Price List					
TCS Amp Draw - One Half From Price List					
TCS Price 2 Halves From Price List					

TCS Length (mm)	TCS Length (in)
150	5.9
185	7.3
225	8.9
260	10.2
300	11.8
340	13.4
380	15

NOTE: Cable Trays, Gasket Kit and TCS Straps must be Ordered Separately if Ordering Individual Standard TCS Parts - Thermocouple Extensions must be Sourced From Machine OEM