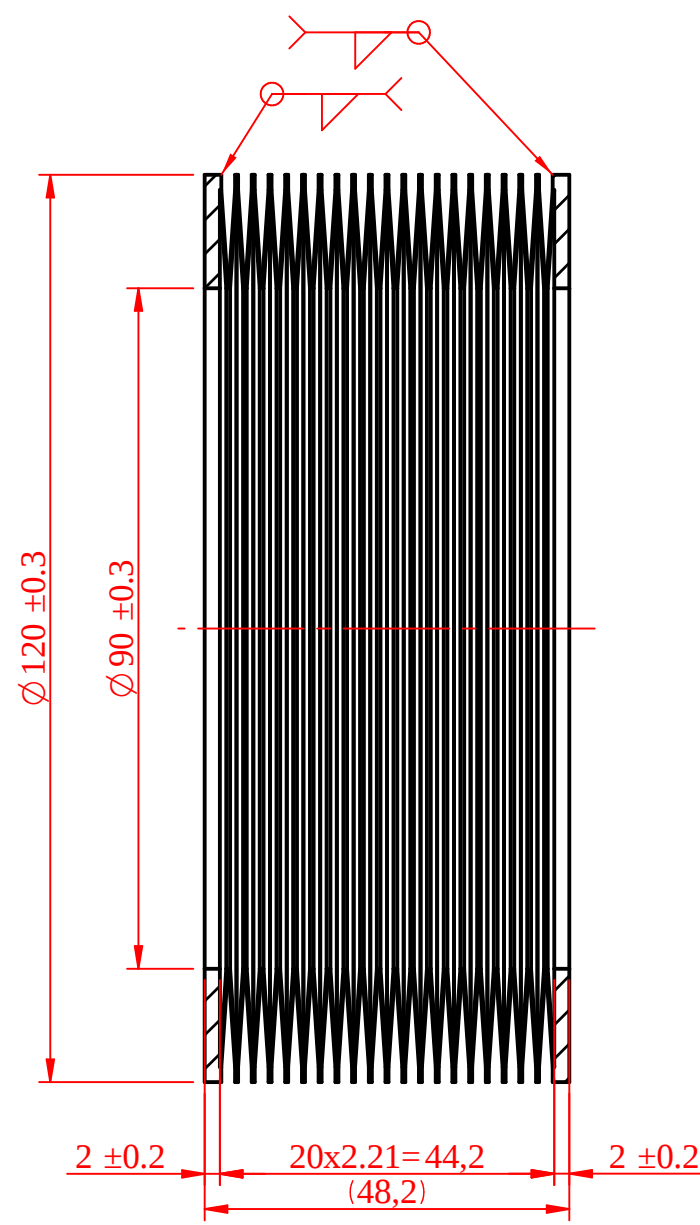
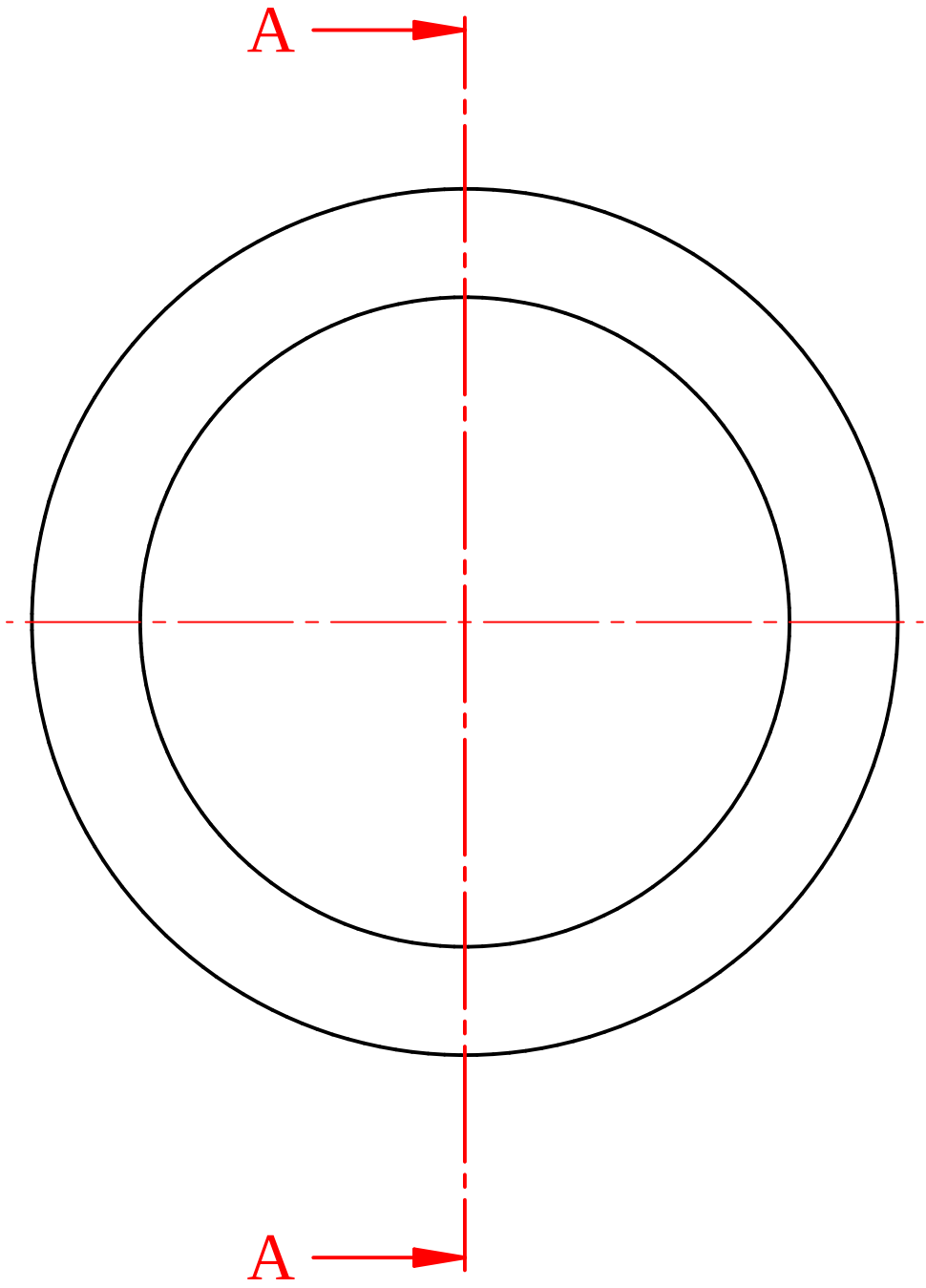


DO NOT SCALE - IF IN DOUBT ASK

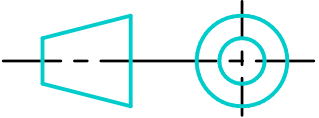


SECTION A-A

BELLOWS DATA

No OF CONVOLUTIONS	20
FREE LENGTH	48 mm
INSIDE DIAMETER	90 mm
OUTSIDE DIAMETER	120 mm
WALL THICKNESS	0.2 mm
REQUIRED LIFE CYCLE	10k

Leak Rate: $Q_{He} \leq 1 \times 10^{-10} \text{ Pa m}^3 \text{ s}^{-1}$

METRIC SYSTEM: mm		REMOVE ALL BURRS & SHARP EDGES		DRAWN Johan Broodryk		 iThemba LABS Laboratory for Accelerator Based Sciences		TITLE		
 FIRST ANGLE PROJECTION DRAWN TO SABS 0111		UNSPECIFIED MACHINE SURFACES 		CHECKED				BELLOWS		
		UNTOLERANCED DIMNS/ANGLES LIMITS		APPROVED						
		DIMNS X ± 0.50 mm		DATE 2024/09/18						
		DIMNS X.X ± 0.25 mm		SCALE 1:1						
DIMNS X.XX ± 0.10 mm		TREATMENT		SHEET 1 OF 1		MATERIAL		DRAWING No	A3	
ANGLES X ± 30'						Stainless steel		430-2118-3401		
ANGLES X.X ± 20'										
ANGLES X.XX ± 10'										