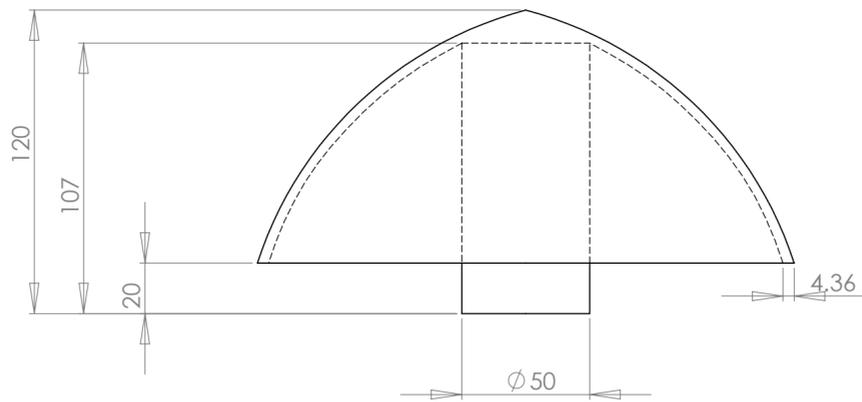


8 7 6 5 4 3 2 1

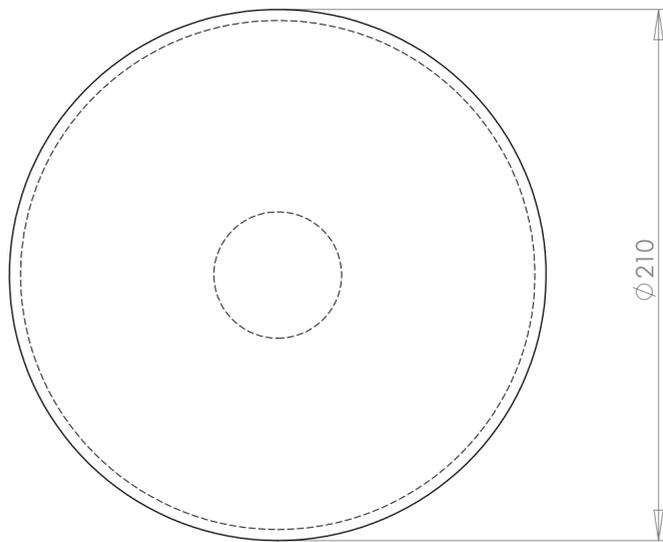
F
E
D
C
B
A

F
E
D
C
B
A

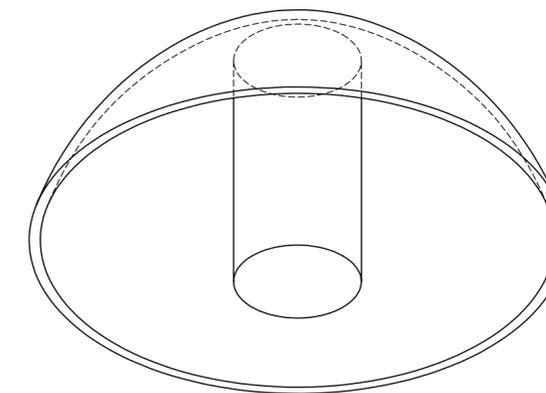
THE NOSE CONE OF THE ROTOR ACTS AS AN AERODYNAMIC FLUID DIVERSION POINT. IT STREAMLINES THE HUB AND ACTS AS A COVER FOR THE OTHERWISE EXPOSED BOLT HEADS AND INTERNAL COMPONENTS OF THE HUB ASSEMBLY. THE NOSE CONE IS PRESSED INTO THE CENTRE OF THE HUB ASSEMBLY. THE HUB CENTRE AND NOSE CONE PLUG DIAMETER ARE A SIZE ON SIZE FIT. THIS TOLERANCE PROVIDES ADEQUATE FRICTION HOLD THE CONE IN PLACE BUT ALSO ALLOWS IT TO BE REMOVED EASILY BY APPLYING LEVERAGE ON THE SHOULDER OF THE CONE.



SIDE VIEW



TOP VIEW



PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF JOSUA KIRSCH. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF JOSUA KIRSCH IS PROHIBITED.

UNIVERSITY OF SOUTHERN QUEENSLAN		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±		NAME	DATE	KH3- 500 WIND TURBINE	
		INTERPRET GEOMETRIC TOLERANCING PER: MATERIAL		DRAWN	J.KIRSCH	6/10/09	TITLE:
NEXT ASSY		FINISH		CHECKED			NOSE CONE
APPLICATION		DO NOT SCALE DRAWING		ENG APPR.			SIZE DWG. NO. REV
				MFG APPR.			C 4
				Q.A.			SCALE: 1:2
				COMMENTS:			SHEET 1 OF 1

8 7 6 5 4 3 2 1