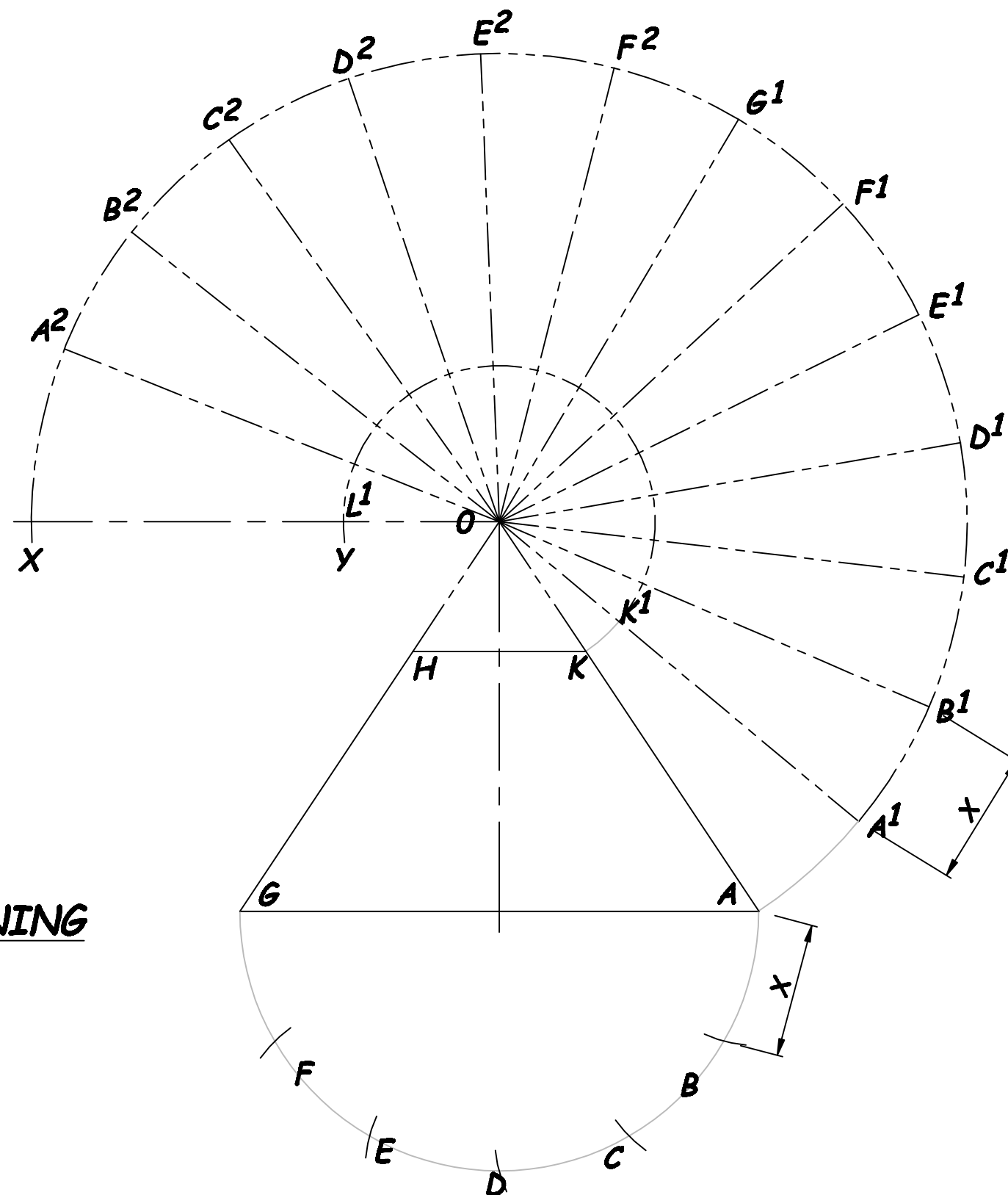## PROCEDURE TO PRODUCE A CONE

- Draw elevation AGHK From given dimensions
- Produce lines AK & GH to meet at O
- Draw arc AG and divide into 6 equal parts
    A-B-C-D-E-F-G
- With centre at O, draw arc AX & KY
- Take chord distance X and step off 12 times around
    The arc AX to obtain A1-B1-C1 to C2-B2-A2
- Join A1-B1-C1 ... C2-B2-A2 to O
- The development required is then A1-A2-L1-K1

!NOTE NO ALLOWANCE HAS BEEN MADE FOR JOINING

TOLERANCES	DESCRIPTION		
UNLESS OTHERWISE STATED	PROCEDURE TO PRODUCE A CONE		
DIMENSIONS TO ONE DECIMAL PLACE (0.0) ± 0.10mm			
DIMENSIONS TO TWO DECIMAL PLACES (0.00) ± 0.025mm	SCALE	1:1	DATE	5–11–07
ALL OTHER DIMENSIONS ± 0.5mm UNLESS STATED	DRAWN	E.CODY	CHKD	REV	2
ANGULAR DIMENSIONS ± 0.5°	DWG N°		SHEET	A3

PROJECTION

NAME
PART N°
MAT'L
FINISH
N° OFF

REPORT ANY ERRORS

ALL DIMENSIONS IN METRIC
REMOVE ALL SHARP EDGES & BURRS

| 1 | | 24/6/10 | Updated border inserted |
| ALT No | GRID | DATE | ALTERATION |