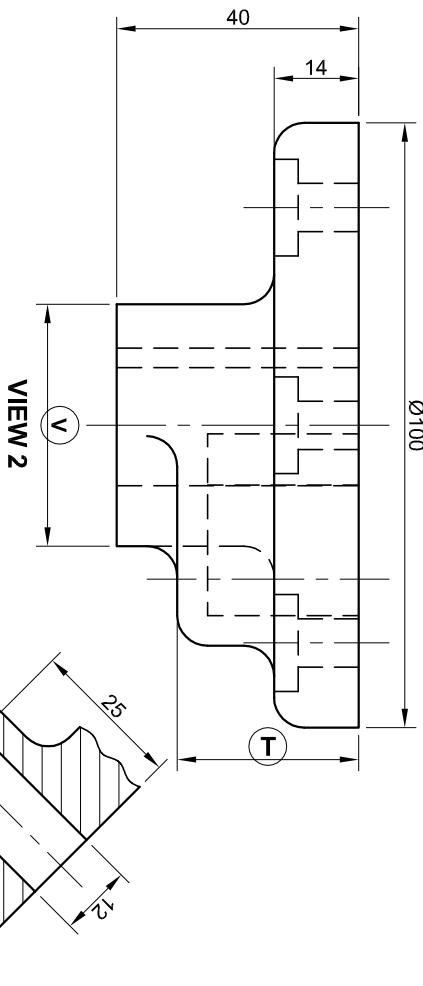
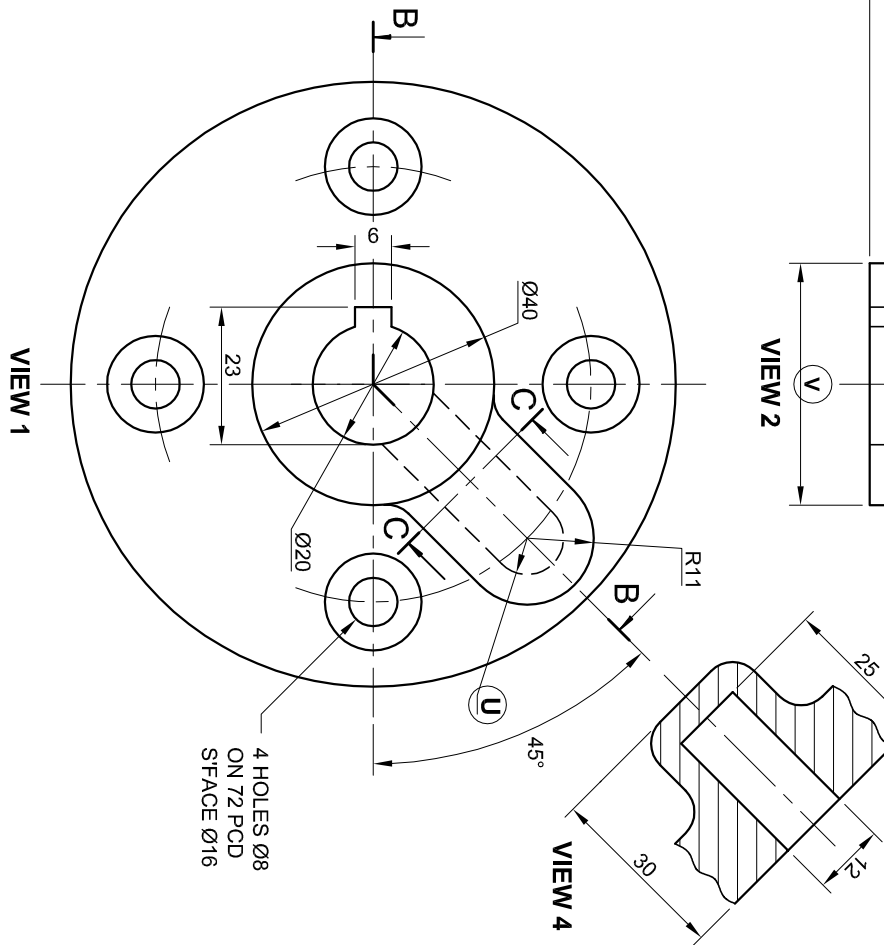


## VIEW 3



## VIEW 2



**VIEW 1**

ALL DIMENSIONS ARE IN MILLIMETRES.	22/09/2014		KEANO	INSERT KEYWAY	1
	DATE	CHANGED BY	REVISION DESCRIPTION		No
	DRAWN BY: John		DRAWING SET NO. 2 OF 2	MATERIAL: CAST IRON	
	DATE: 15/09/2014		FILE NAME: BASE-53-2014	HEAT TREATMENT: NONE	
UNLESS OTHERWISE SPECIFIED, TOLERANCES ON DIMENSIONS ARE ± 0.35.	CHECKED BY: Ann	PRECISION CAST MANUFACTURING BELL STREET SOMERSET EAST 5850 www.precision.co.za			
ALL UNSPECIFIED RADII ARE R5.	DATE: 18/09/2014				
APPROVED BY: Peter					
DRAWING PROGRAM: AUTOCAD 2015	DATE: 03/10/2014	CRANK DISC			
SCALE: 1 : 2					

QUESTIONS		ANSWERS	
1	Who approved the drawing?		1
2	What SI unit was used to produce the drawing?		1
3	Which drawing method was used to create these drawings?		1
4	What is the web address of the design company?		1
5	How many sets of drawings are there?		1
6	What is the tolerance allowed on the dimensions?		1
7	What is feature R called?		1
8	What is the size of the arc marked S?		1
9	Determine the dimension at T?		1
10	Determine the dimension at U?		1
11	Determine the dimension at V?		1
12	What change did Keano recommend?		1
13	What is the purpose of the change that Keano recommended?		2
14	What type of section is shown on view 3?		1
15	What type of section is shown on view 4?		1
16	What do the letters P.C.D. stand for?		1
17	How many Ø8 holes need to be drilled in the disc?		1
18	In the box below (ANSWER 18), draw, in neat freehand, the symbol for the projection system used.		4
TOTAL			22

### QUESTION 1: ANALYTICAL (MECHANICAL)

**Given:**

Four views of a crank disc with a title block and a table of questions.

### Instructions:

Complete the table below by neatly answering the questions, which all refer to the accompanying drawings and title block.

Show all calculations.

[22]

ANSWER	18

SYMBOL

		NAME	
		NAME	
		2	