higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

MARKING GUIDELINE

NATIONAL CERTIFICATE: MULTI-DISCIPLINARY DRAWING OFFICE PRACTICE

MECHANICAL DRAUGHTING

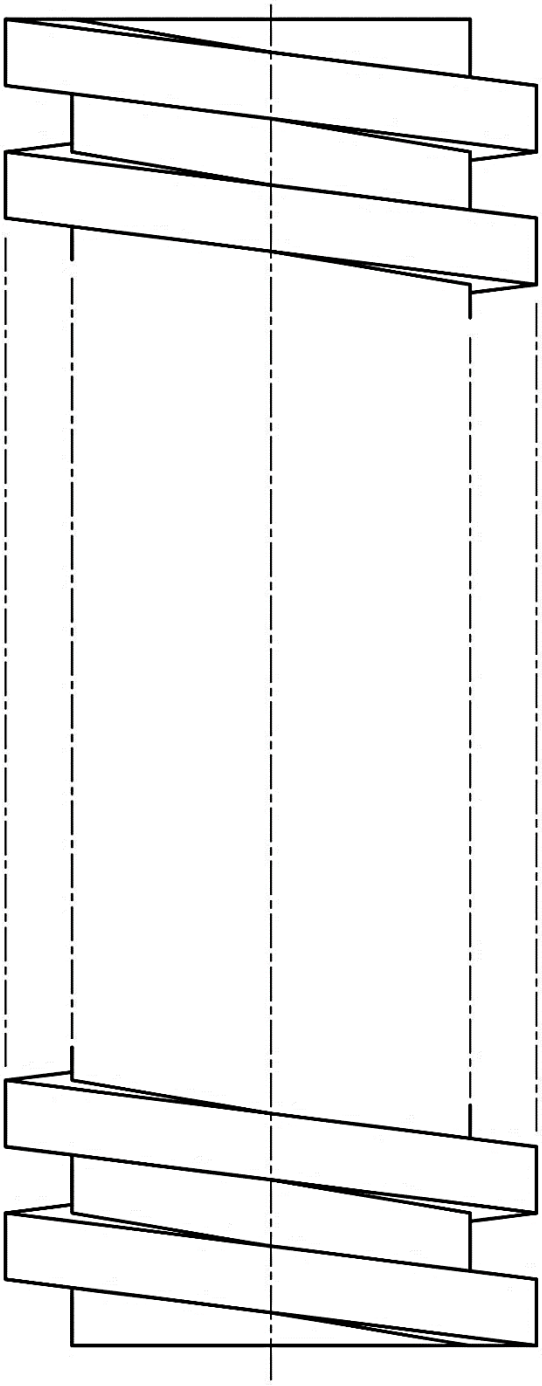
13 April 2021

This marking guideline consists of 8 pages.

NOTE: DRAWINGS IN THIS MARKING GUIDELINE ARE NOT TO SCALE AND MARKERS SHOULD PLEASE PREPARE THEIR OWN TEMPLATES.

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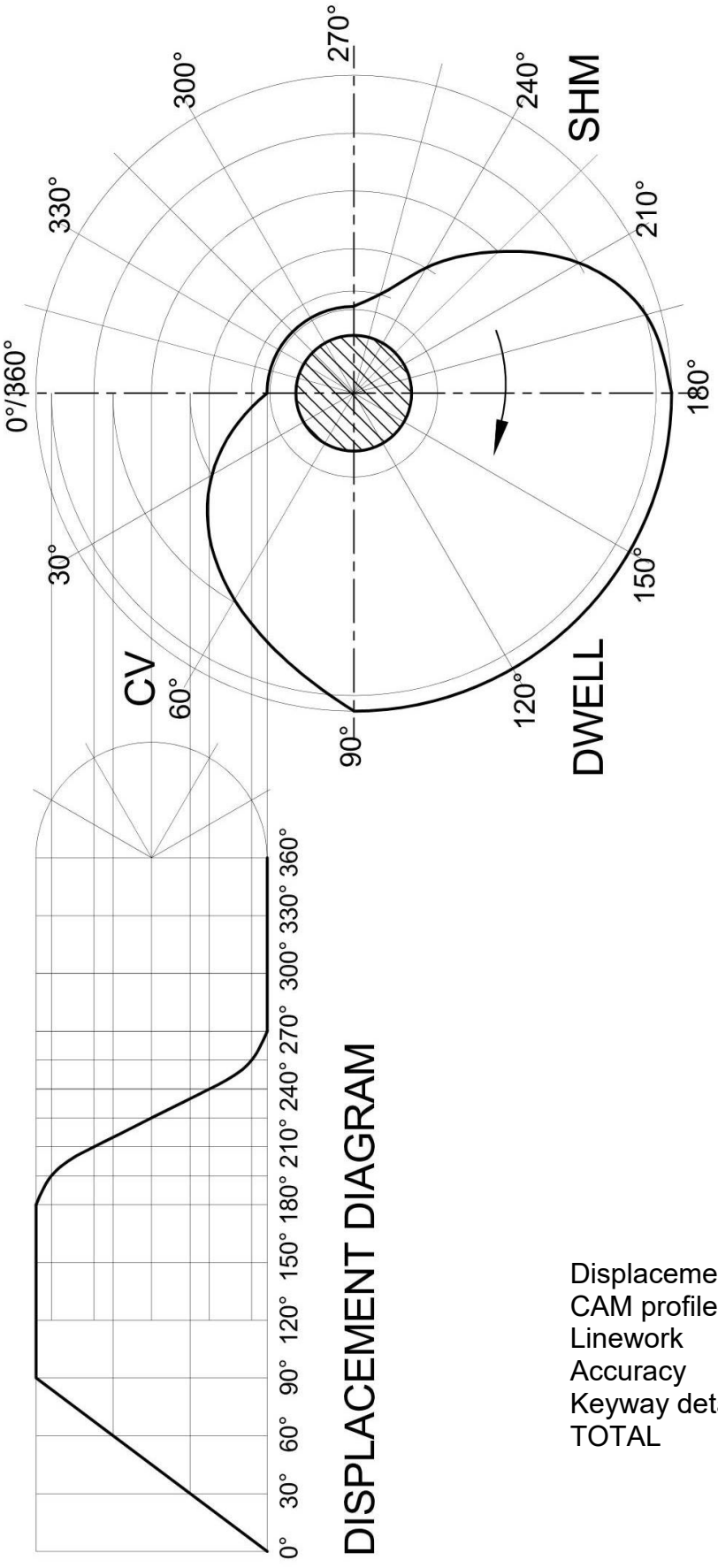
QUESTION 1



Correctness	4
Linework	3
Accuracy	2
Screw direction	1
TOTAL	10

[10]

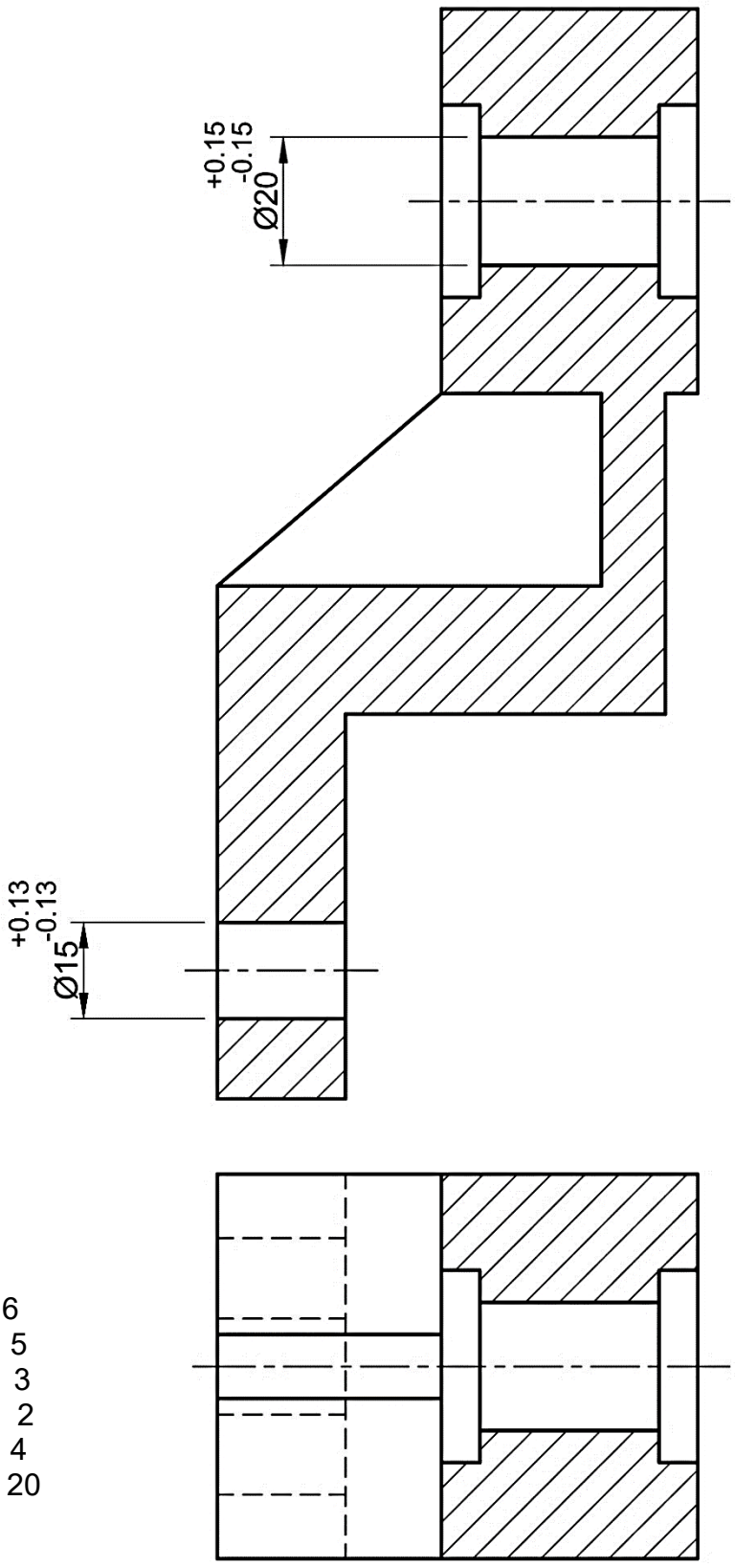
QUESTION 2



Displacement diagram	3
CAM profile	6
Linework	3
Accuracy	2
Keyway detail	1
TOTAL	15

[15]

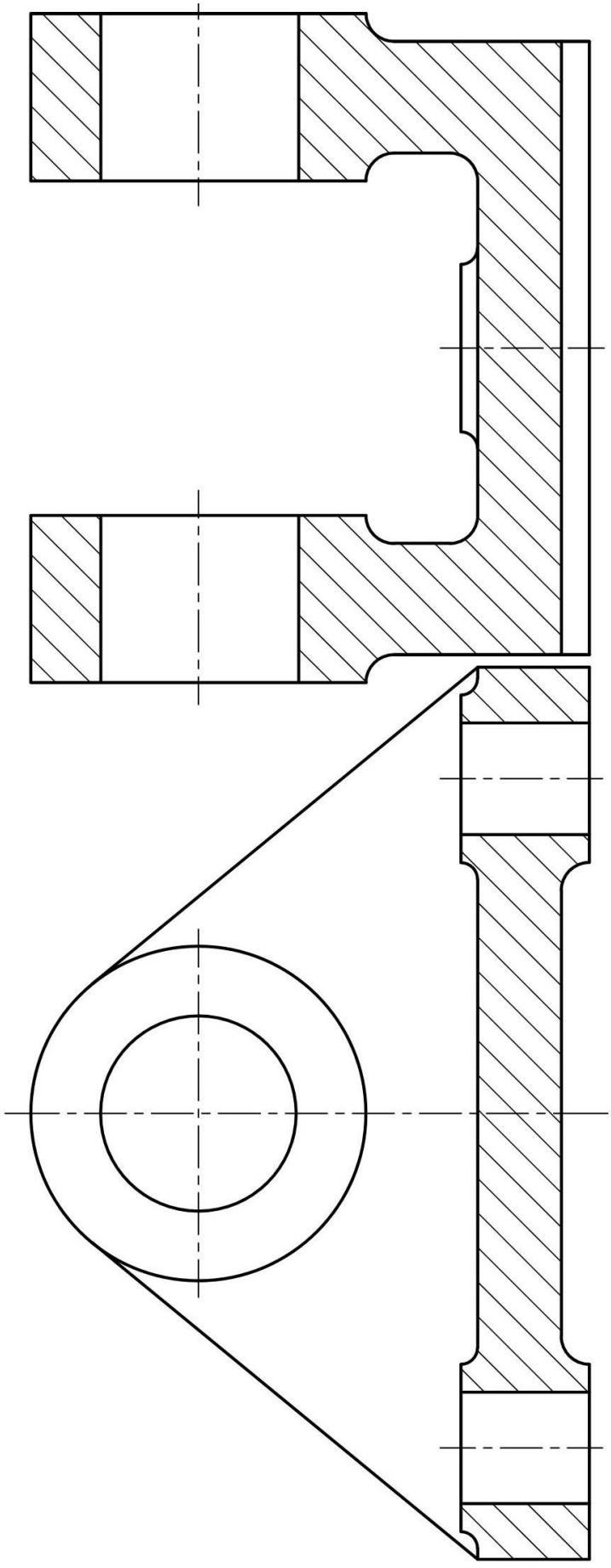
QUESTION 3



Correctness FV	6
Correctness TV	5
Linework	3
Accuracy	2
Symbols at C and D	4
TOTAL	20

[20]

QUESTION 4.1

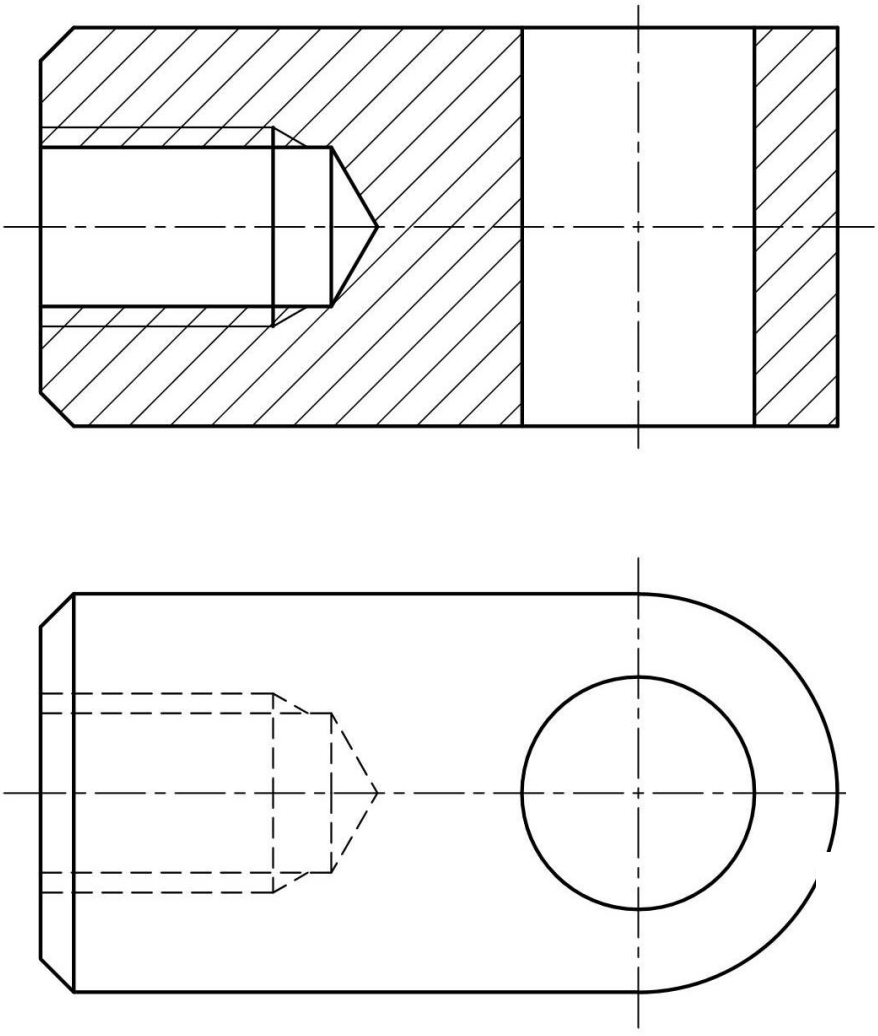


ITEM 1 BASE

Correctness SVF	3
Correctness SLF	3
Linework	3
Accuracy	2
TOTAL	11

(11)

QUESTION 4.2

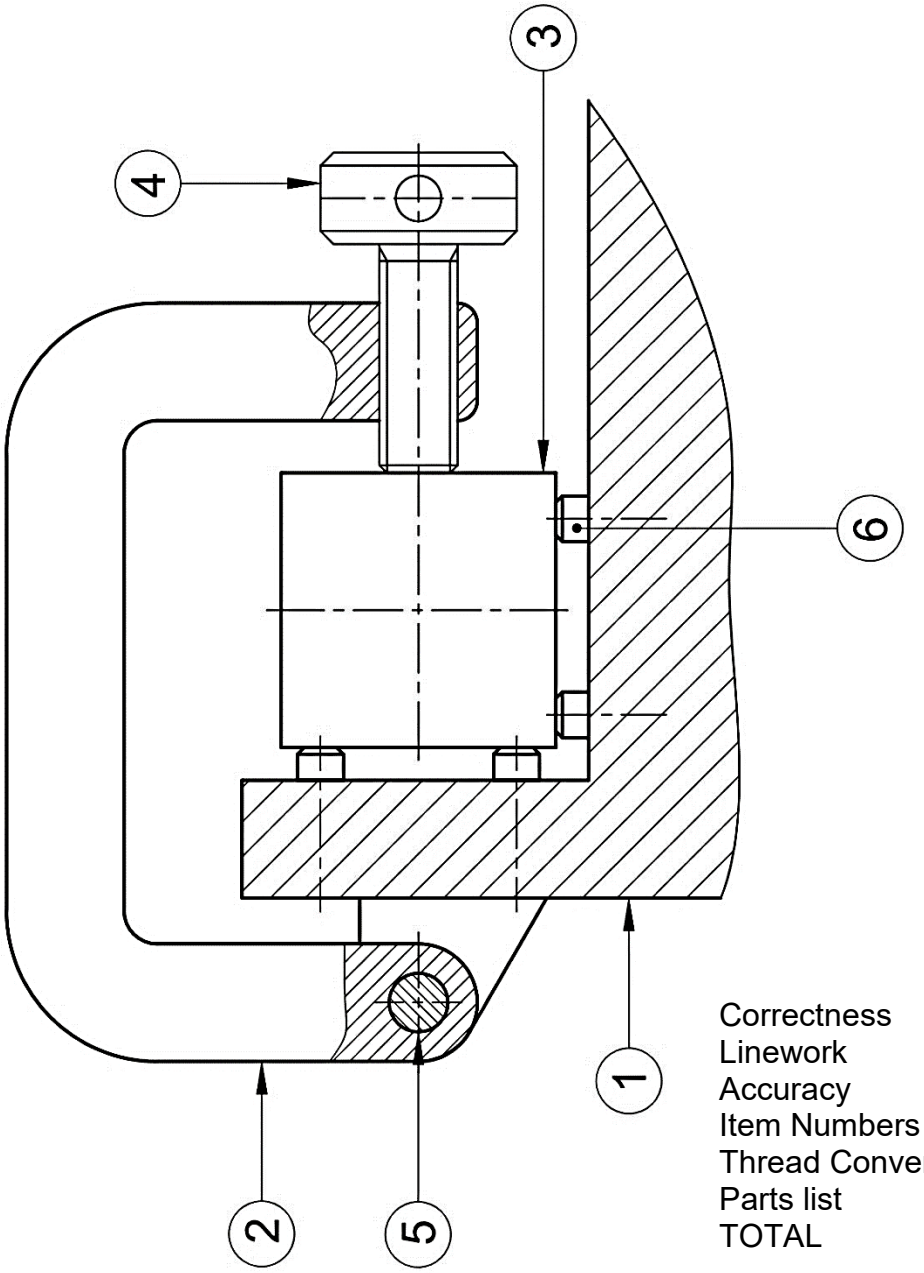


ITEM 2 COUPLING BLOCK

Correctness of V	3
Correctness of SLV	3
Linework	2
Accuracy	1
TOTAL	9

(9)
[20]

QUESTION 5



Correctness	12
Linework	5
Accuracy	3
Item Numbers	3
Thread Conventions	3
Parts list	4
TOTAL	30

PARTS LIST			
ITEM NUMBER	**PART NAME**	**QUANTITY**	**MATERIAL**
ITEM 1	BASE	1 OF	CAST IRON
ITEM 2	G-CLAMP	1 OF	MILD STEEL
ITEM 3	WORKPIECE	1 OF	MILD STEEL
ITEM 4	SCREW	1 OF	MILD STEEL
ITEM 5	PIN	1 OF	MILD STEEL
ITEM 6	LOCATING PIN	8 OF	MILD STEEL

[30]

TOTAL: 100

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