Day 1, 2 and 3

Coimisiún na Scrúduithe Stáit
State Examinations Commission

Leaving Certificate Examination, 2023

Engineering - Practical

(150 marks)

Morning: 10:00 to 1:00 - Afternoon: 2:00 to 5:00

Please Read Carefully

Instructions

(a) The Examination Number must be clearly stamped or engraved, by the **teacher**, on the test-piece in the position indicated on the examination paper - 2023. M74A(L_2).
If the test-piece is not assembled, the Examination Number must be indicated on each separate part of the test-piece.

(b) Candidates are not permitted to communicate with or assist one another.

(c) Write your Examination Number in the box provided on the examination paper - 2023. M74A(L_1).

(d) Put the examination paper - 2023. M74A(L_1) and the test-piece into the candidate envelope supplied and hand up the envelope to the Superintendent at the end of the examination.

From the materials supplied, make the **Mechanism** shown on the drawings to the shape and dimensions specified.

PART	MATERIAL	PROCESS
3	Brass	Mark out, drill and shape.
6	U-Aluminium	Mark out, drill and shape.
8	Clear Polycarbonate	Mark out and shape.
9	Aluminium	Mark out, drill and shape.
10	Clear Polycarbonate	Mark out, drill and shape.

Note: **(i)** Parts 1, 2, 4, 5 and 7 have been made prior to examination day.
Using the threaded bar, screws and nuts supplied assemble the mechanism, as detailed on the assembly drawing.

(ii) Accuracy, finish and function are important.

Lá 1, 2 agus 3

Coimisiún na Scrúduithe Stáit
State Examinations Commission

2023. M74AT

Scrúdú na hArdteistiméireachta, 2023

Innealtóireacht - Praiticiúil
(150 marc)

Maidin: 10:00 go dtí 1:00 - Tráthnóna: 2:00 go dtí 5:00

Léigh na Treoracha seo go cúramach le do thoil

Treoracha

(a) Ba chóir don **mhúinteoir** Scrúduimhir an Iarrthóra a stampáil nó a ghreanadh ar an triailphíosa san ionad a thaispeántar ar an scrúdpháipéar - 2023. M74A(L_2). Mura bhfuil an triailphíosa curtha le chéile, ní mór an Scrúduimhir a thaispeáint ar gach páirt ar leith den triailphíosa.

(b) Níl cead ag iarrthóirí a bheith i gcumarsáid le chéile ná cúnamh a thabhairt dá chéile.

(c) Scríobh do Scrúduimhir sa bhosca atá ann di ar an scrúdpháipéar - 2023. M74A(L_1).

(d) Cuir an scrúdpháipéar - 2023. M74A(L_1) agus an triailphíosa isteach i gclúdach an iarrthóra atá curtha ar fáil agus tabhair an clúdach don Fheitheoir ag deireadh an scrúdaithe.

As na hábhair a sholáthraítear, déan an **Mheicníocht** a thaispeántar sna líníochtaí sa chruth agus sna toisí a shonraítear.

PÁIRT	ÁBHAR	PRÓISEAS
3	Prás	A mharcáil amach, a dhruileáil agus a dheilbhiú.
6	U-Alúmanam	A mharcáil amach, a dhruileáil agus a dheilbhiú.
8	Polacarbónáit thrédhearcach	A mharcáil amach agus a dheilbhiú.
9	Alúmanam	A mharcáil amach, a dhruileáil agus a dheilbhiú.
10	Polacarbónáit thrédhearcach	A mharcáil amach, a dhruileáil agus a dheilbhiú.

Nóta: **(i)** Rinneadh na páirteanna 1, 2, 4, 5 agus 7 roimh lá an scrúdaithe.
Agus tú ag baint úsáide as an barra snáithe, na scriúnna agus na cnónna a sholáthraítear, cóimeáil an mheicníocht faoi mar atá sa líníocht chóimeála.

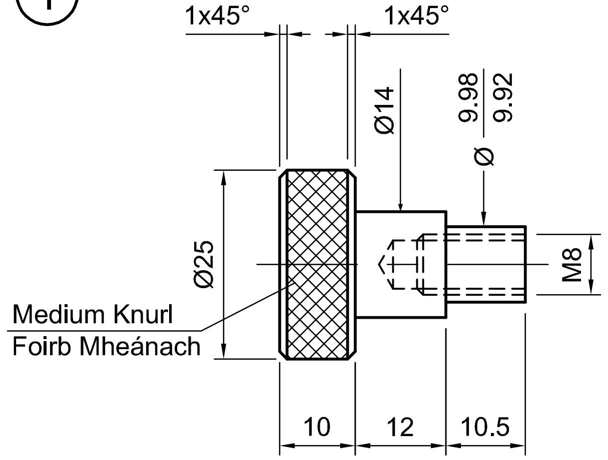
(ii) Tá tábhacht ag baint le cruinneas, le bailchríoch agus le hoibriú an triailphíosa.

Lá 3
Day 3

SCRÚDÚ ARDTEISTIMÉIREACHTA - INNEALTÓIREACHT PRAITICIÚIL
LEAVING CERTIFICATE - ENGINEERING PRACTICAL

2023. M74A(L1)

1



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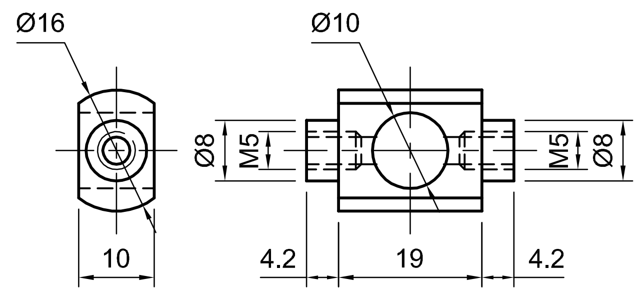
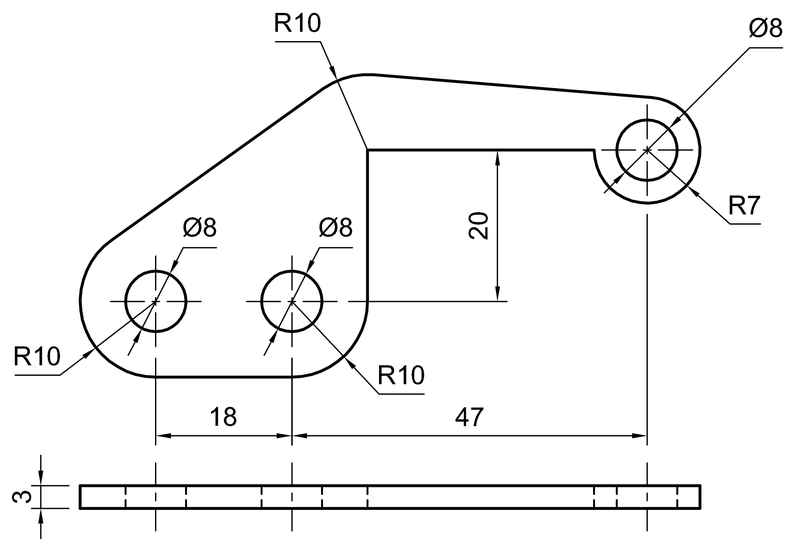


3 2 OFF DE DHÍTH



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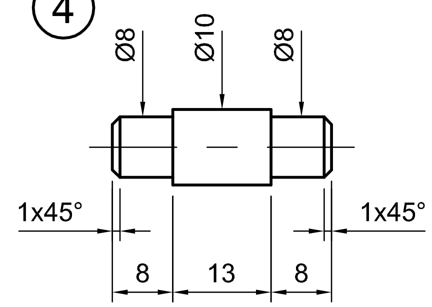
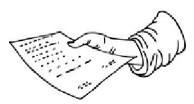


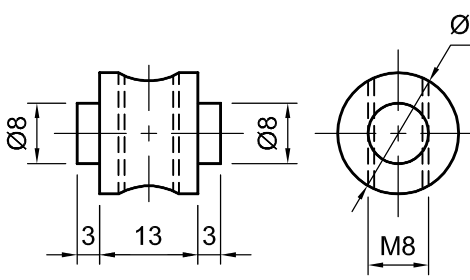


Cuir an scrúdpháipéar seo agus an triailphíosa isteach i gclúdach an iarrthóra atá curtha ar fáil, agus tabhair an clúdach don Fheitheoir ag deireadh an scrúdaithe.

Put this examination paper and the test-piece into the candidate envelope supplied, and hand up the envelope to the Superintendent at the end of the examination.

Scríobh do Scrúduimhir sa bhosca seo:
Write your Examination Number in this box:

5



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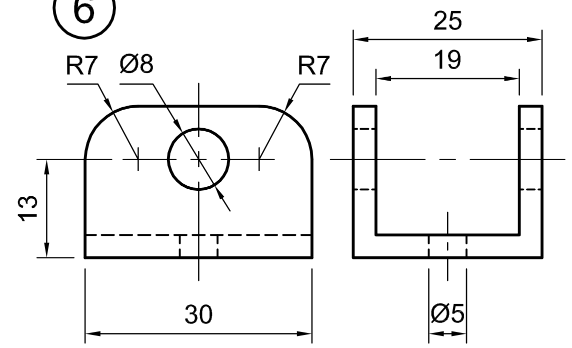

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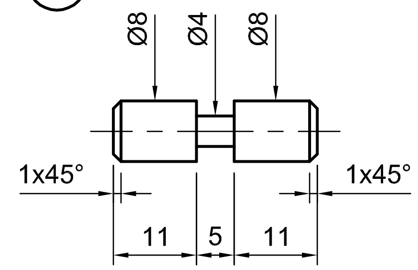

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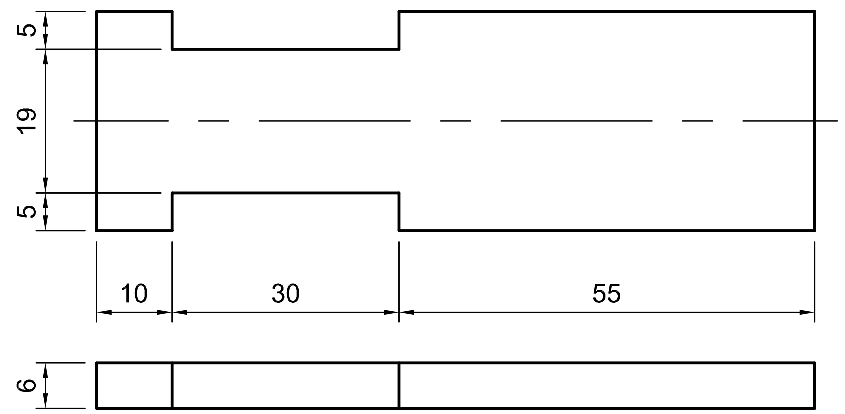

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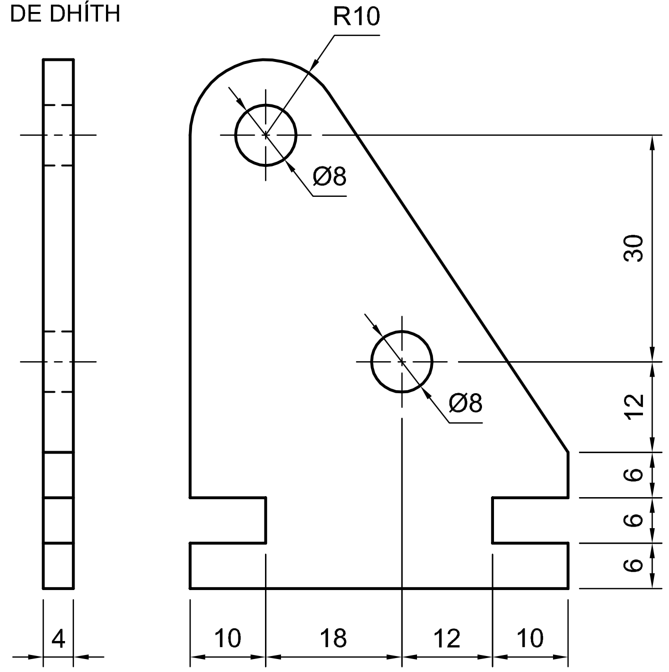

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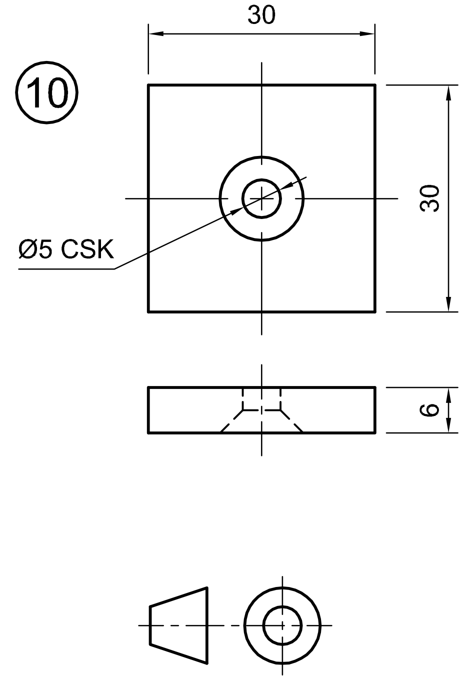
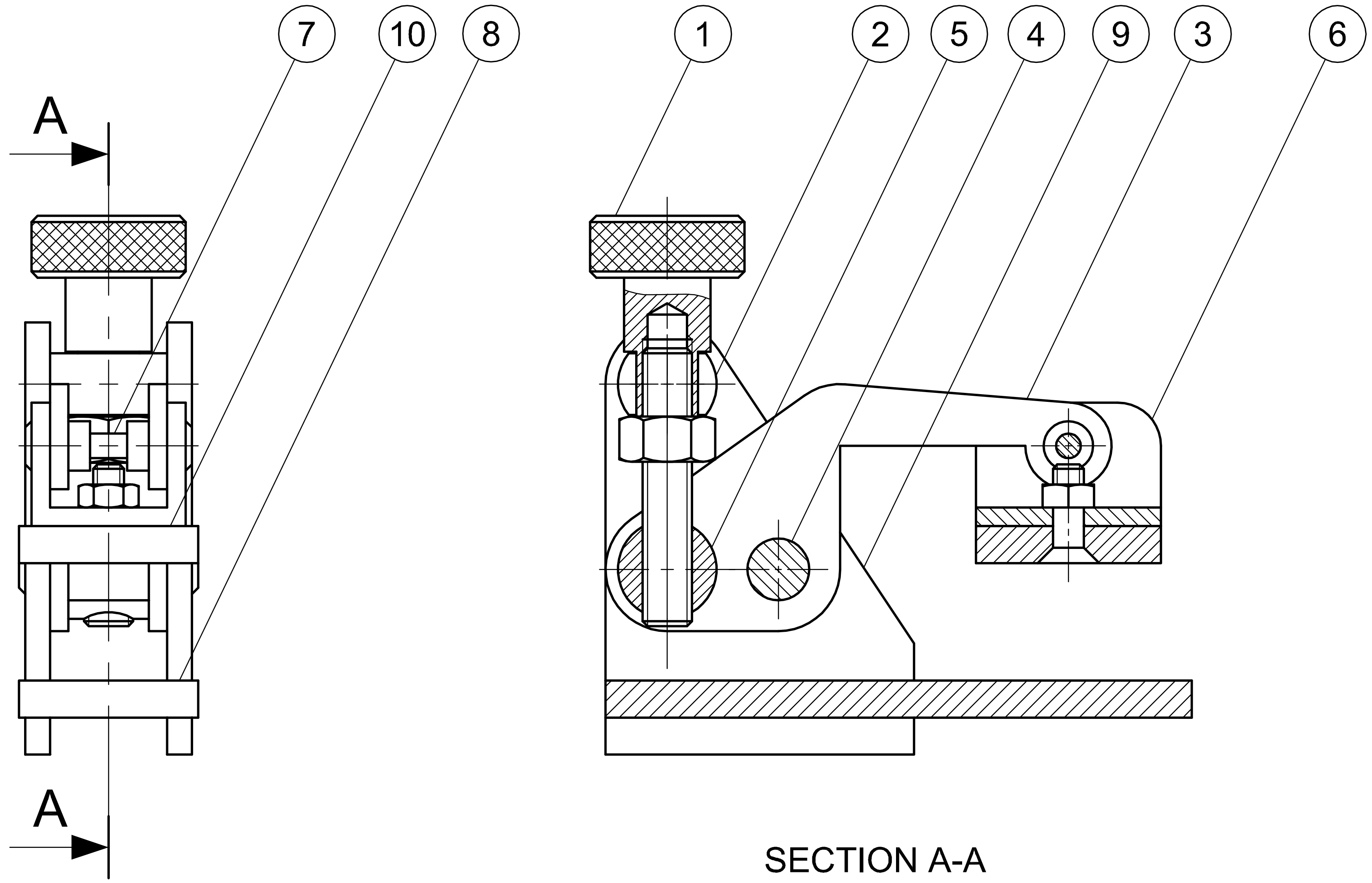


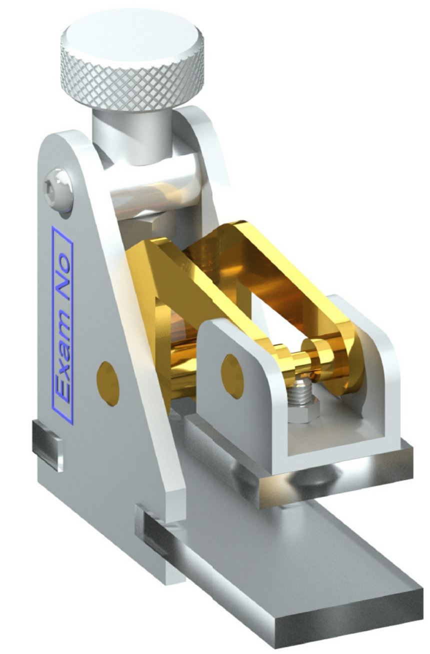
THALL
OVER

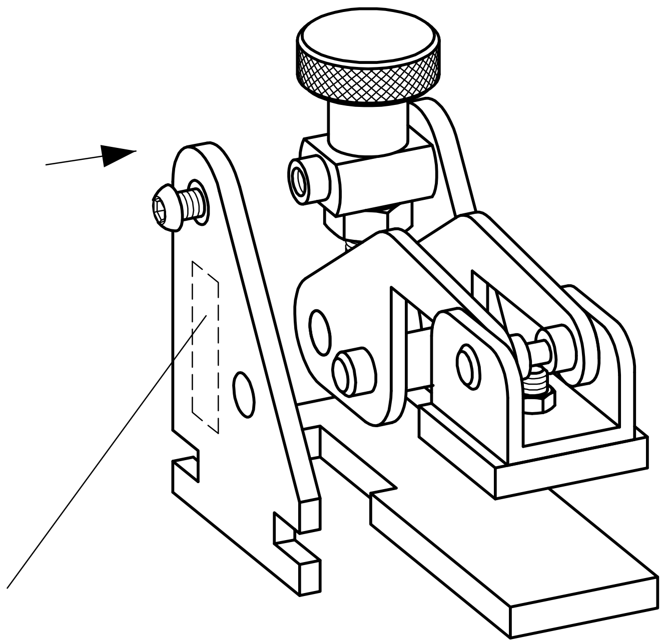
SCRÚDÚ ARDTEISTIMÉIREACHTA - INNEALTÓIREACHT PRAITICIÚIL
LEAVING CERTIFICATE - ENGINEERING PRACTICAL

2023. M74A(L2)



SECTION A-A





ASSEMBLY DETAILS
SONRAÍ CÓIMEÁLA

THALL
OVER →