



Coimisiún na Scrúduithe Stáit
State Examinations Commission

LEAVING CERTIFICATE EXAMINATION, 2026

ENGINEERING – PRACTICAL EXAMINATION HIGHER AND ORDINARY LEVELS

Adjusted Assessment Arrangements for 2026 - Please Read Carefully

Instructions to Teachers

1. Please familiarise yourself with the adjusted assessment arrangements for candidates taking the state examinations in the 2025/26 school year that were issued by the Department of Education. Preparation of materials and components for the 2026 Leaving Certificate Engineering Practical Examination must be carried out in accordance with these adjusted arrangements.
2. The adjusted arrangements, for the 2026 Leaving Certificate Engineering Practical Examination, state that candidates do not have to partake in the preparation of the materials and components required for this examination. Therefore, candidates will not be awarded marks for the manufacture of this preparatory work.
3. The Engineering teacher may prepare the materials and make the components required for the examination, according to the materials list and drawings provided on pages 2 and 3. Alternatively, the school may outsource this work. This preparatory work must be completed and checked by April 2026, in advance of the three-day Engineering Practical Examination schedule.
4. The equipment, materials and components required for the 2026 Leaving Certificate Engineering Practical Examination are provided on pages 2 and 3.
5. All prepared materials and finished components should be stored safely until examination day.
6. It is important that all drilling machines are fully operational and complete with accurate chucks, machine vices and clamps. Drills as specified are required to be in optimum machining condition.

EQUIPMENT LIST

Lathes and drilling machines with protective goggles.
 Usual marking-out and measuring tools.
 Usual bench fitting tools and equipment.
 Height gauge/scribing block and surface plate (one per five candidates).
 M4 and M8 taps with suitable tapping wrench to suit machine screws.
 Set of drills; Ø3.3, Ø4, Ø4.5, Ø6 and Ø6.8 with spares.
 Set of usual files, to include:

- 250 mm hand rough
- 250 mm hand smooth
- 150 mm warding smooth
- 150 mm warding rough
- 150 mm round smooth
- 150 mm round rough
- 150 mm square rough
- 150 mm hand smooth
- 100 mm hand smooth
- 1 set of needle files **per two candidates**.

Junior and standard hacksaws and blades.
 Hand-held electrical engraving tool or number punches.
 One pair of aluminium or fibre protective vice clamps per candidate.
Allen Keys to suit machine screws supplied.
 Half sheet of fine grade emery cloth and half sheet of medium grade emery cloth per candidate.

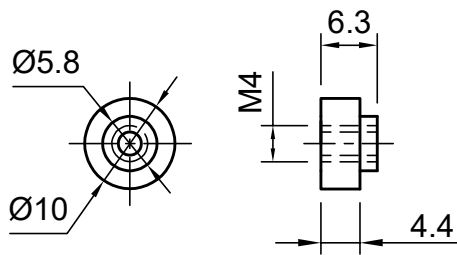
Materials list - per candidate

Required	Material	Size
3 pieces	Brass bar	To make part A
1 piece	Brass bar	To make part B
1 piece	Brass bar	To make part C
1 piece	Aluminium bar	To make part D
1 piece	Aluminium bar	To make part E
2 pieces	Brass	45 × 3 × 70
1 piece	Aluminium	40 × 4 × 40
1 piece	Aluminium	40 × 4 × 120
1 piece	Tinted or Clear Polycarbonate	50 × 6 × 160
1 piece	25 × 25 × 25 × 3 U-Aluminium	100
10 Screws, Allen Button Head	Stainless Steel	M4 × 8
1 Screw, Allen Socket Head, Full Thread (Din 912)	Stainless Steel	M8 × 30

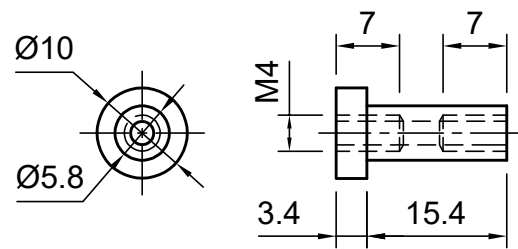
Note: Bold dimensions are finished sizes.

Note: It is required to prepare materials and make Parts A to E, according to the materials list on page 2, using the drawings shown below by April 2026, in advance of the three-day Engineering Practical Examination schedule.

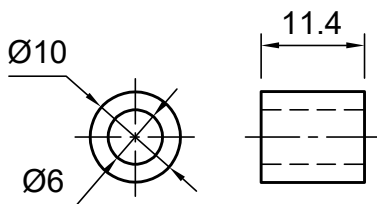
(A) 3 OFF
DE DHÍTH



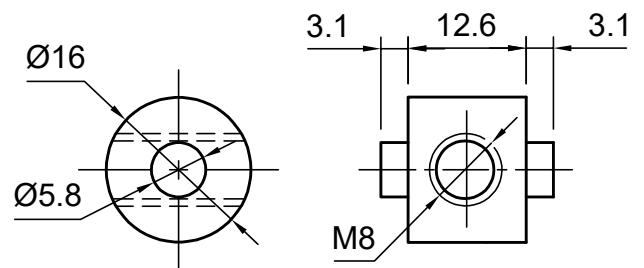
(B)



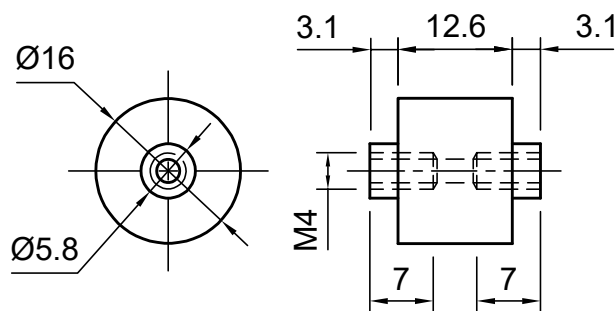
(C)



(D)



(E)



Note:

- Part B should rotate freely in Part C.
- Parts A, D and E should rotate freely in a Ø6 drilled hole.

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