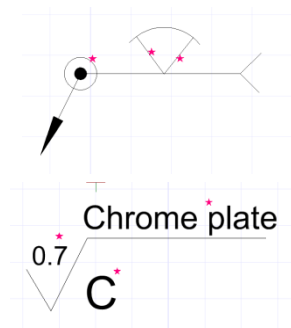


Complete the following questions by writing the correct answer in the space provided.

- 1.1 Which top view in Figure A is correct to convention? **B** _____ (1)
- 1.2 Which top view of the nut in Figure B is correct? **D** _____ (1)
- 1.3 Which side view of the nut in Figure C is correct? **C** _____ (1)
- 1.4 Which hatching, for steel, in Figure D is correct? **A** _____ (1)
- 1.5 The feature 1 on Figure E is an **Interrupted view/S-break** (1)
- 1.6 The feature 2 on Figure E is a **Keyway/key seat** _____ (1)
- 1.7 The feature 3 on Figure E is a **Shoulder/Collar** _____ (1)
- 1.8 Calculate the diameter 4 of the circle in Figure F. **12 or 12.8** _____ (1)
- 1.9 Calculate the dimension 5 in Figure G. **6** _____ (1)
- 1.10 The feature 6 on Figure H is a **Fillet** _____ (1)
- 1.11 Calculate the dimension 7 on Figure H. **2 or 1.6** _____ (1)
- 1.12 Calculate the dimension 8 on Figure I. **27 or PCD 27 or $\varnothing 27$** (1)
- 1.13 Is the thread in Figure F internal or external? **External** _____ (1)
- 1.14 Is the thread in Figure H internal or external? **Internal** _____ (1)
- 1.15 Figure J shows an incomplete **welding symbol**. Complete the symbol for a **single-V butt weld** that will be welded **all around** and **on the site**. (3)
- 1.16 Figure K shows an incomplete **machine symbol**. Insert the following data correctly on the symbol:
 - 1.16.1 Direction of lay is Circular.
 - 1.16.2 Roughness value of 0.7.
 - 1.16.3 Finishing by Chrome plating.



Beantwoord die volgende vrae deur die korrekte antwoord in die spasie neer te skryf.

- 1.1 Watter bo-aansig in Figuur A is korrek volgens konvensie? **B** _____ (1)
- 1.2 Watter bo-aansig van die moer in Figuur B is korrek? **D** _____ (1)
- 1.3 Watter kantaansig van die moer in Figuur C is korrek? **C** _____ (1)
- 1.4 Watter arsering, vir staal, in Figuur D is korrek? **A** _____ (1)
- 1.5 Die kenmerk 1 op Figuur E is 'n **Onderbroke aansig/S- breuk**
- 1.6 Die kenmerk 2 op Figuur E is 'n **Spygleuf** _____ (1)
- 1.7 Die kenmerk 3 op Figuur E is 'n **Skouer/kraag** _____ (1)
- 1.8 Bereken die diameter 4 van die sirkel in Figuur F. **12 of 12.8** _____ (1)
- 1.9 Bereken die afmeting 5 in Figuur G. **6** _____ (1)
- 1.10 Die kenmerk 6 op Figuur H is 'n **Fillet/binneronding** _____ (1)
- 1.11 Bereken die afmeting 7 op Figuur H. **2 of 1.6** _____ (1)
- 1.12 Bereken die afmeting 8 op Figuur I. **27 of SSD27 of $\varnothing 27$** _____ (1)
- 1.13 Is die skroefdraad in Figuur F intern of ekstern? **Ekstern** _____ (1)
- 1.14 Is die skroefdraad in Figuur H intern of ekstern? **Intern** _____ (1)
- 1.15 Figuur J toon 'n onvolledige **sweis-simbool**. Voltooi die simbool vir 'n **enkel-V-stuikvoeg** wat **rondom** en **op die terrein** gesweis sal word. (3)
- 1.16 Figuur K toon 'n onvolledige **masjinerings-simbool**. Voeg die volgende data korrek op die simbool by:
 - 1.16.1 Lêrigting is Sirkelvormig.
 - 1.16.2 Grofheidswaarde is 0.7.
 - 1.16.3 Voltooi/afwerking met Chroomplatering.

