



**1. TITLE OF THE PROFESSION**

4 0715 10 12 Szerszám- és készülékgyártó

**2. TRANSLATED TITLE OF THE PROFESSION**

Tool and device manufacturer  
(THIS TRANSLATION HAS NO LEGAL STATUS)

**3. PROFILE OF SKILLS AND COMPETENCES**

- use manual and small machine tools as well as universal and program-controlled (NC, CNC) machine tools to produce metal parts, working in teams and independently;
- read and produce technical drawings properly;
- assemble, commission and maintain complex, multi-component devices using the components they manufacture;
- work responsibly, independently and creatively with a sense of precision, good dexterity and creativity;
- keep an open mind to new technologies;
- communicate effectively in foreign languages;
- adopt the rules of toolmaking, follow new trends and specifications;
- strive for the best quality of work.

**4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE**

7322 Toolmaker

**(\*) Explanatory notes:**

<sup>1</sup> In the original language. | <sup>2</sup> The translation of the designation is provided for information purposes only. | <sup>3</sup> Fill it out if necessary. The certificate supplement provides additional information on the qualification but have no legal value in itself. The format of the description is in conformity with Decision (EU) 2018/646 of the European Parliament and of the Council of 18 April 2018 on a common framework for the provision of better services for skills and qualifications (Europass) and repealing Decision No 2241/2004/EC.

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## 5. OFFICIAL BASIS OF THE CERTIFICATE

<p><b>Name and status of the authority issuing the certificate</b></p>	<p><b>Name and status of the national /regional authority providing accreditation/recognition of the certificate</b></p> <p>Ministry for Innovation and Technology</p>																				
<p><b>Level of the certificate (national or international)</b></p> <p><b>NQF level:</b> 4</p> <p><b>EQF level:</b> 4</p> <p><b>Digital Competence Framework level:</b> 5</p>	<p><b>Grading scale / Pass requirements</b></p> <p>Five -grade: 5 excellent 4 good 3 satisfactory 2 pass 1 fail</p> <p>The prerequisite of being eligible to sit for a sectoral basic examination is the successful completion of all the required training courses, or the recognised prior learning should incorporate the requirements of the sectoral basic examination. The prerequisite of being eligible to sit for a vocational examination is the successful completion of all the training courses and the uninterrupted professional practice required. In case the student is required to pass a sectoral basic examination, latter shall be recognised with the following weighting: The result of the basic sectoral examination will be computed into that of the vocational examination with the following weighting: Sectoral basic examination: 20%, Vocational examination: 80%</p>																				
<p><b>Certificate number:</b> CXK A</p> <p>Serial number: 123456</p> <p><b>Certificate issue date:</b> 2023.12.07</p>	<p><b>Designation of the theoretical and practical subjects of the sectoral basic examination and the vocational examination and their grades according to a five-grade scale</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2"><b>Sectoral basic examination :</b> The examination was passed based on recognised prior learning</td> </tr> <tr> <td colspan="2"><b>Vocational examination</b></td> </tr> <tr> <td colspan="2"><b>central interactive</b></td> </tr> <tr> <td style="width: 80%;">Manufacture and repair of tools and devices</td> <td style="text-align: center;">5</td> </tr> <tr> <td colspan="2"><b>project exercise</b></td> </tr> <tr> <td style="width: 80%;">Design and manufacture of tools and devices</td> <td style="text-align: center;">5</td> </tr> <tr> <td colspan="2">Result of the vocational examination in percentage</td> </tr> <tr> <td></td> <td style="text-align: center;">100%</td> </tr> <tr> <td colspan="2">Result of the vocational examination with grades</td> </tr> <tr> <td></td> <td style="text-align: center;">5</td> </tr> </table>	<b>Sectoral basic examination :</b> The examination was passed based on recognised prior learning		<b>Vocational examination</b>		<b>central interactive</b>		Manufacture and repair of tools and devices	5	<b>project exercise</b>		Design and manufacture of tools and devices	5	Result of the vocational examination in percentage			100%	Result of the vocational examination with grades			5
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<p><b>Access to next level of education/training</b></p>	<p><b>International agreements</b></p>																				
<p><b>Other information concerning the vocational training process</b></p>																					
<p><b>Legal basis</b></p> <p>Government Decree 12/2020 (II. 7.) on the Implementation of the Vocational Education and Training Act, Act LXXX of 2019 on Vocational Education and Training.</p>																					

## 6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Description of the sectoral basic training and the theoretical and practical vocational training	Distribution of the total number of hours of the programme
Total duration of the education/training	1985 hours

**Entry requirements:**

- Educational prerequisite: elementary education
- Occupational health aptitude test: required

**Further information:**

VOCATIONAL PRACTICAL SUBJECT	HOURS
Basic electrical knowledge	12 hour
Basic mechanical engineering knowledge	12 hour
Measurement and materials testing	12 hour
Mechanical engineering practice	12 hour
Tool and device manufacturing in practice	12 hour
Operation and maintenance in practice	12 hour

VOCATIONAL THEORETICAL SUBJECT	HOURS
Vocational knowledge	12 hour
Vocational foreign language knowledge	12 hour
Basic electrical knowledge	12 hour
Basic mechanical engineering knowledge	12 hour
Knowledge of materials	12 hour
Mechanical engineering knowledge	12 hour
Technical drawing	12 hour
Measurement and materials testing	12 hour
CAD drawing	12 hour
Tool and device manufacturing	12 hour
Operation and maintenance	12 hour

Continuous field practice	160 hour
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Altogether	364 hour
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Link to the Programme and Outcome Requirements and the Programme Curriculum: <https://ikk.hu>  
 The present certificate supplement was elaborated in compliance with Government Decree 12/2020 (II. 7.) on the implementation of the Act on Vocational Education and Training.

**National Reference Point: National Office of Vocational Education and Training and Adult Learning: <https://nrk.nive.hu>**

Head of Examination Organiser: Issue date: 2023.12.07	<b>SEAL</b>
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