



1. TITLE OF THE CERTIFICATE (DE) (1)

**Abschlussprüfung im staatlich anerkannten Ausbildungsberuf  
Zerspanungsmechaniker/ Zerspanungsmechanikerin**

(1) in original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)(1)

**Final examination in the state-recognized training occupation Milling machine operator**

(1) This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCES

- Evaluate and analyse production orders in terms of technical feasibility
- Select information sources and technical documentation to carry out the production work
- Select production systems appropriate to the order
- Plan production processes, create and optimise programmes for numerically controlled production systems and install such programmes
- Use datasheets, descriptions, instruction manuals and other information commonly used in the occupation, including in English
- Set up the workstation and organise working procedures according due consideration to specifications regarding time limits and cost efficiency; make structural parts according to quality specifications using machining techniques, and monitor the production process
- Apply quality management systems
- Document and evaluate work and test results and use such results as the basis for the development of measures to optimise production processes and the product
- Monitor and check safety devices and maintain and inspect production systems
- Work in a team
- Provide instructions in the operation of production systems
- Coordinate activities with upstream and downstream divisions
- Comply with customer requirements.

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE (1)

Milling machine operators work in industrial branches and craft trades sectors where milling processes are used to manufacture components. Typical areas of deployment include lathe systems, milling machine systems, automatic lathe systems and grinding machine systems used for customised and serial production.

(1) if applicable

(\*) **Explanatory notes**

This document is designed to provide additional information about the specified certificate and does not have any legal status in itself. The format of the description is based on the following texts: Council Resolution 93/C 49/01 of 3 December 1992 on the transparency of qualifications, Council Resolution 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers.

More information on transparency is available at: [www.europass.cedefop.eu.int/transparency](http://www.europass.cedefop.eu.int/transparency)

## 5. OFFICIAL BASIS OF THE CERTIFICATE

<b>Name and status of the body awarding the certificate</b> Chamber of Industry and Commerce	<b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b> Chamber of Industry and Commerce
<b>Level of the certificate (national or international)</b> ISCED 3B German Qualifications Framework (DQR) level 4 (alignment is preliminary pursuant to "German Qualifications Framework for Lifelong Learning" - German EQF - Referencing report of 15 November 2012). Published by: Federal Ministry of Education and Research (BMBF), Berlin and Bonn; Standing Conference of the Ministers of Education and Cultural Affairs of the Länder in the Federal Republic of Germany (Conference of the Ministers of Education and Cultural Affairs - KMK), Berlin)	<b>Grading scale / Pass requirements</b> 100-92 points = 1 = excellent 91 - 81 points = 2 = good 80 - 67 points = 3 = average 66 - 50 points = 4 = pass 49 - 30 points = 5 = poor 29 - 0 points = 6 = fail  A total of at least 50 grade points are required to pass the examination.
<b>Access to next level of education / training</b> Certified industrial foreman specialised in mechatronics, certified metalworking foreman	<b>International agreements</b> In the field of vocational training, joint declarations on the comparability of qualifications obtained in the respective vocational training systems have been signed on the basis of bilateral agreements concluded between Germany and France and between Germany and Austria.
<b>Legal basis</b> Ordinance on Initial Vocational Education and Training in the Occupation of Milling machine operator of 07/23/2007 (Federal Law Gazette, Part I, p 1599) Resolution of the Standing Conference of the Ministers of Education and Cultural Affairs of the Länder in the Federal Republic of Germany, KMK, of 25.03.2004), (Federal Gazette, No 243a of 22.12.2004)	

## 6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Final examination administered by the competent body: <ol style="list-style-type: none"> <li>1. after completion of dual training in a company and at part-time vocational school (normal procedure)</li> <li>2. after retraining in a recognized training occupation</li> <li>3. as an external examination for working people without formal vocational qualifications or persons who have been trained at full-time vocational schools or other vocational training institutions</li> </ol>
<b>Additional information</b>  <b>Entry requirements:</b> Entry requirements are not governed by legislation; as a rule, young people are admitted after completing (nine or ten years of) general education. <b>Duration of training:</b> 3,5 years. <b>Training in the "dual system":</b> Teaching of the knowledge, skills and competences needed for an occupation is based on the typical requirements of work and business processes and prepares the trainees for a specific job. <b>The training is provided in a company and at part-time vocational school:</b> In the company, the trainees acquire practical skills in a real working environment. On one or two days per week, the trainees attend part-time vocational school, where they are taught general and vocational knowledge related to their training occupation.  <b>More information</b> is available at: <a href="http://www.berufenet.arbeitsagentur.de">www.berufenet.arbeitsagentur.de</a>  <b>National Europass Centre</b> <a href="http://www.europass-info.de">www.europass-info.de</a>