

ŽDAS, a.s. Standardization	INFORMATION DOCUMENT		Q6003	Approval Date: 27. 10. 2021
	Name	TDC of Products and Machine Parts Machine Parts		Page/Pages: 1/3

Subject of the Document

Technical delivery conditions (TDC) of machine parts such as mainly machined parts supplied to ŽDAS, a.s.

1 Technical Delivery Conditions according to Special Agreement

The following TDC scope is intended to ensure the quality of our products:

- a) An integral part of the order is a drawing of the manufactured part, with reference to this information document Q6003.
- b) Made parts must be free of all impurities.
- c) For used starting material of the manufactured part (metallurgical material - semi-finished product), it is necessary to document the Inspection Certificate according to EN 10204 3.1. Provide the identification for the starting material and transfer of markings (certificate, forging, casting number, etc.) throughout the production process.
- d) Any deviation from the production documentation, which arose during the production at the Supplier, must be discussed in writing before the acceptance or before the dispatch of the product from the Supplier, and approved by the Customer and this document will be part of the quality documentation submitted to the Customer.
- e) The Supplier shall enable the Customer to perform quality inspections during the production and on the pre-determined parts or part of the equipment of the acceptance by an authorized representative of the Customer. The parts for the acceptance at the Supplier will be set up or stored so that the dimensional and visual inspection can be performed, including the functional test and required tests according to the production documentation or order. At pre-agreed acceptances at Suppliers, all required inspection documents will be submitted to the Customer's inspector and calibrated gauges will be provided for control measurements.
- f) Each part must be marked with the number of the drawing that belongs to that part. The marking is done by stamping on a non-functional surface. The font size is selected within the range of 6 to 10 mm.

2 Testing, Measurement and Evaluation

Deliver the made machine parts along with the following inspection documents:

Inspection certificate ČSN EN 10 204 3.1 - HEAT TREATMENT
(if prescribed in the drawing)

Inspection certificate ČSN EN 10 204 3.1 - DIMENSIONAL MEASUREMENT

Inspection certificate DIMENSIONAL MEASUREMENT is issued for:

- Dimensions with indication of IT level ≤ 9

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– Tolerated dimensions without indication of IT level according to the following diagram:

- dimension up to 80 mm with tolerance ≤ 0.1 mm
- dimension from 80 to 500 mm with tolerance ≤ 0.2 mm
- dimension from 500 to 1500 mm with tolerance ≤ 0.4 mm
- dimension over 1500 mm with tolerance ≤ 0.8 mm

- Prescribed shape and position tolerances
- Tolerated angles, radii and curves
- Machining quality $Ra \leq 0.8$
- Layer thickness (chrome plating, nickel plating, coating)

If only a certain dimension needs to be logged, this will be marked with the letter M in the drawing.

Non-tolerated dimensions will be produced in tolerance according to ČSN ISO 2768 - m, K, unless different requirement is mentioned in the production documentation or order.

Results of the tests and measurements performed on the basis of the specified inspection according to Customer's drawing documentation or order must also be documented by means of inspection certificates according to ČSN EN 10 204 3.1.

To document the measured values during inspection and testing, the Customer requires that the calibrated gauges, measuring instruments and the forms of inspection documents specified by him or approved by him be used. In case of documenting the measured values from the 3D measuring equipment, the report must contain the following:

- Measurement date
- Person, who performed the measurement
- Identification of ŽĎAS a.s. (as a Customer)
- Product name
- Drawing number
- Order number
- Clearly marked dimensions
- Indicative result (nominal value, tolerance +/-, actual value, value out of tolerance)

ŽĎAS, a.s. Normalizace	INFORMAČNÍ DOKUMENT		Q6003	Datum schválení:
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Forms are available:

- In the internal document "OS 42 05 - Product Quality Records"
- For Suppliers on the website of ŽĎAS, a.s. <http://www.zdas.com/>

Other forms for documenting can be used only in agreement with the Customer.

3 Liability for Defects

In the event of non-compliance with quality requirements or documentation requirements by the Supplier, the Customer has the right to make claims by reason of liability for defects, for example, to require the manufacture of a new part, and, at the same time, to re-charge additional costs associated with the production of a new part.

If the Supplier does not perform or refuses to perform the manufacture of a new part due to the liability for defects, the Supplier understands that the Customer is entitled to perform the manufacture by himself or through a third party. In this case, the costs associated with the value of the newly manufactured part, including transport, will be charged to the Supplier. Simultaneously, the Customer has the right to compensation for the damage associated with the Supplier's delay in the manufacture of a new part.

In the event of non-compliance with quality requirements or documentation requirements, the Customer may request a deduction from the price or withdraw from the contract and suspend further deliveries in the event of material breach of the contract.

If the Supplier finds a defect for which, according to his professional assessment, he is not responsible, he is obliged to immediately notify the Customer of this fact and has the right to request a tolerance for the defect. The decision on tolerance is on the part of the Customer.