

Inspection certificates according to DIN EN 10204

1. Purpose

This document shall assist and ensure that inspection certificates according to DIN EN 10204 fulfil all necessary requirements according to DIN EN 10204 / DIN EN 10168 as well as that the delivery chain of the products can be traced at any time and without any interruptions. It is therefore essential that the manufacturers and any other party who is involved handle all processes batchspecifically.

2. Applicable documents

- DIN EN 10204 Inspection documents for metallic products
- DIN EN 10168 Inspection documents for steel products - List of information and description
- DIN EN ISO 3269 Mechanical fasteners – Acceptance test
- Inquiry and order forms
- Further standards, regulations, specifications etc. that might be listed in the order form

3. Documentation and records

All documents and records have to be kept for at least 10 years. On request, the supplier has to be able to provide corresponding documents for inspection on request.

4. Content of certificates

All types of inspection documents specified in EN 10204 have as a common element groups of information which make it possible to assign them clearly to the corresponding products supplied (see Table 1, Information groups A and B).

All inspection documents, except for the type 2.1 document "Declaration of compliance with the order", contain information on non-specific or specific tests carried out on the basis of the relevant product specification (see Table 1, Information groups C and D).

In all types of inspection documents a statement on the conformity of the products delivered with the requirements of the order shall be included (see Table 1, Information group Z).

The content of the respective inspection certificate is described in Table 2.

5. General remarks

- In case of there are new or different requirements resulting from the knowledge of the supplier and which are inconsistent with this document, the supplier is requested to sort this out with his contact person from Fastbolt.
- This document does not determine an infringement of the production responsibility. The supplier still has the full responsibility for production and quality.
- If there is anything in this document, the supplier considers not to be proper and appropriate, the supplier is obliged to clarify this with the client.

**Minimum requirements for inspection documents according to DIN EN 10204:2004
(based on DIN EN 10168)**

Table 1 - Information groups and summary of their subdivision

Symbol	Information group on	Specific sections	Available sections
A	Commercial transactions and parties involved	A 01 - A 09	A 10 - A 99
B	Description of products	B 01 - B 13	B 14 - B 99
C	Inspection General information Tensile test Hardness test Notched-bar impact test Other mechanical tests Chemical composition and steelmaking process	C 00 - C 03 C 10 - C 13 C 30 - C 32 C 40 - C 43 C 70 - C 92	C 04 - C 09 C 14 - C 29 C 33 - C 39 C 44 - C 49 C 50 - C 69 C 93 - C 99
D	Other product tests	D 01 - D 50	D 51 - D 99
Z	Validation	Z 01 - Z 04	Z 05 - Z 99

Table 2 - Required Code numbers and designations

Type of inspection certificate				ID-Number	Explanation
2.1	2.2	3.1	3.2	A	Commercial transactions and parties involved
✓	✓	✓	✓	A01	Name and address of the plant where the products were manufactured
✓	✓	✓	✓	A02	Type of inspection document as defined in DIN EN 10204
✓	✓	✓	✓	A03	Document number to identify the document
✓	✓	✓	✓	A04	Symbol for identification of the manufacturer which is used for marking the products instead of the manufacturer's name
✓	✓	✓	✓	A05	Originator of the inspection document (inspection organization / department of manufacturer)
✓	✓	✓	✓	A06	Name and, if necessary, address either of the customer, the consignee or the consignee of the certificate
✓	✓	✓	✓	A07	Customer order number and item number if applicable
✓	✓	✓	✓	A08	Order number and, if necessary, the date or the acknowledgement number
				B	Description of products
✓	✓	✓	✓	B01	Description (product name, grade and surface condition)
		✓	✓	B02	Steel name or number and additional symbols and the product specification for the steel
	✓	✓	✓	B06	Marking of products (e.g. according to EN ISO 898-1)
		✓	✓	B07	Indications for the traceability of the products, e.g. heat number, rolling number, batch number, test number
		✓	✓	B08	Number of pieces supplied
				C ¹	Inspection (<i>The inspection criteria have to be chosen by the manufacturer in dependence of the product and order specifications.</i>)
		✓	✓	C00 – C03	General data (<i>for details please refer to DIN EN 10168</i>)
		✓	✓	C10 – C29	Tensile test (<i>for details please refer to DIN EN 10168</i>)
		✓	✓	C30 – C32	Hardness test (<i>for details please refer to DIN EN 10168</i>)
		✓	✓	C40 – C43	Notched-bar impact test (<i>please refer to DIN EN 10168</i>)
		✓	✓	C50 – C69	Other mechanical tests - test characteristics (possibly agreed upon with the customer) (<i>for details please refer to DIN EN 10168</i>)
		✓	✓	C70 – C92	Chemical composition and steelmaking process (<i>for details please refer to DIN EN 10168</i>)
1	• Acceptance inspection according to EN ISO 3269 • Dimensional characteristics according to DIN-, EN- or ISO-Standard or other agreed drawing/specification • Surface coatings according to EN ISO 4042 (or other agreed specification) • General requirements according to ISO 8992				
				D	Product tests
		✓	✓	D 01	Marking and identification, surface appearance, shape and dimensional properties
				Z	Validation
✓	✓	✓	✓	Z01	Statement of compliance - Manufacturer's declaration that the product is in compliance with the order
✓	✓	✓	✓	Z02	Date of issue and validation
✓	✓	✓	✓	Z03	Stamp of the inspection representative(s) - Name of the inspection representative(s) - Contact data of the inspection representative(s)