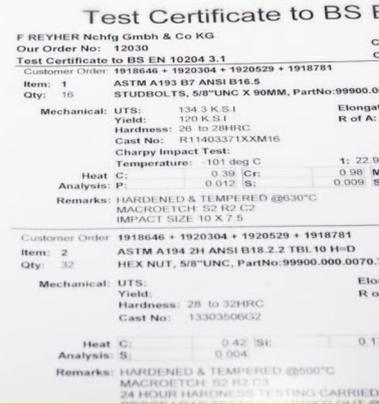
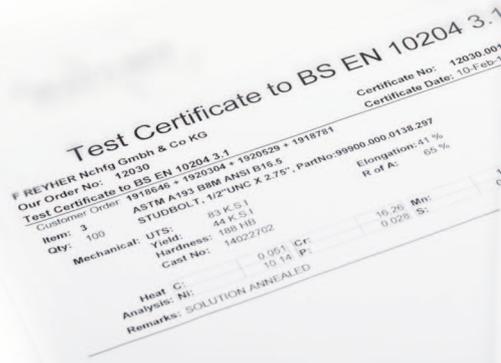


# Stock items with inspection certificates 3.1

Fasteners ISO 4762 / 4014 / 4017 / 4032



## Article information

When articles are ordered with inspection certificates 3.1, together with the delivery the customers receive the fee-based inspection documents.

Special needs – special service: REYHER provides fast, reliable order processing for inspection documents. The original inspection certificates are stored digitally in our system.

Inspection certificates 3.1 are in compliance with EN 10204 for fasteners, documenting additional inspections.

NB: The inspections carried out and the results given in inspection documents documentation do not represent the agreed quality as stated in § 434 I – German Civil Code and do not release the vendor from his incoming-goods inspection in line with § 377 HGB – German Commercial Code.

Fee-based acceptance inspection certificate 3.1 is available for common sizes of the following article groups:

### ISO 4762 (DIN 912) Hexagon socket head cap screws



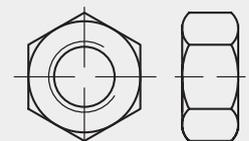
### ISO 4014 (DIN 931) Hexagon head bolts with shank



### ISO 4017 (DIN 933) Hexagon head screws with thread up to head



### ISO 4032 (DIN 934) Hexagon nuts



## Advantages

- ▶ Stock items ready for immediate delivery with inspection certificates 3.1
- ▶ Provides reliability for special applications
- ▶ Increases plant reliability
- ▶ Assembly instructions
- ▶ Secure and fast processing, digital inspection documents ready for call-up

## Technical information

### Inspection documents according to EN 10204

For particular requirements and/or safety-related use cases, additional articles or use-specific inspections can be carried out either in the factory or by a commissioned factory-independent technical expert or testing institute.

The results of these extra inspections shall be documented in an inspection document, which the orderer shall receive as either an original or an unmodified copy.

### Overview of the usual inspection documents for screws, bolts, studs, nuts and accessory parts

Extract from EN 10204 – 01.2005 (previously DIN 50049)

Standard marking	2.1 <sup>1</sup>	2.2 <sup>1</sup>	3.1	3.2
Certification	Declaration of compliance with the order	Test report	Inspection certificate	
Type of inspection	Not specific, no testing/evaluation of testing results of the delivery batch/parts of the delivery itself		Specific <sup>2</sup> = Testing is done on the delivery batch/parts of the delivery itself	
Content of the certification	No test results (= informal manufacturer confirmation that the delivered products correspond to the agreements made on ordering)	Test result on the basis of non-specific tests (= from current series manufacturing records and not from tests on parts of the delivery batch)	Test results on the basis of specific tests <sup>2</sup> = Evaluation and documentation of actual values from testing of parts of the delivery batch itself <sup>2</sup>	
Terms of delivery	According to the terms of the order		According to the delivery terms of the order <sup>3</sup> = specified testing requirements of the orderer (also according to the technical regulations AD/TRD)	
Confirmation/ Certification by	The manufacturer		The acceptance-testing officer independent of the processing department of the manufacturer	As 3.1 + the technical expert commissioned (prescribed) by the orderer <sup>4</sup>
Order example: addendum to article text: "... with inspection document according to EN 10204-3.1"				

<sup>1</sup> Not recommended since there is no specific statement on the delivered product.

<sup>2</sup> The sample quantities required for destructive inspections are to be taken into account when deciding the order quantity.

<sup>3</sup> E.g. specification of the yield strength/impact testing with specified high and low temperatures, particular crack testing procedures, etc.

<sup>4</sup> According to the specifications of the orderer, e.g. TÜV, GL, DB ...

