

Inspection report for production parts

Supplier	
Item number	
Item description	
Order number	
Quantity tested	pcs
Delivery quantity	pcs

Scope of inspection:

- 100% (0-2 pcs)
- 50% (3-5 pcs)
- 20% (6-50 pcs)
- 10% (51 pcs and above)

Always conduct final 100% visual inspection before delivery

General inspection criteria:

- Change index checked against purchase order
- Form and positional tolerances adhered to, verification in report/on drawing
- Bores and threads continuous and burr-free (plug gauge)
- Surface(s) and running surface(s) checked for damage
- Complete the inspection report for tolerance classes 1 and 2 (as per the instructions on page 2) and enclose
- Parts properly packed and labelled

Tolerance classes:

Tolerance class 1=A

Form, position, angle, lengths and diameter tolerances < 0.03mm fall within class A.
Toleranced shaft or bore smaller than class 7 (e.g. < H7 / h7)

Tolerance class 2=B

Form, position, angle, lengths and diameter tolerances >= 0.03mm fall within class B.
Toleranced shaft or bore greater than class 7 (e.g. >= H7/h7)

Tolerance class 3=C

The general tolerances for lengths and angles are defined and binding. They comply with the standards defined in DIN ISO 2768-1 (see drawing header). As not all components must have equally fine tolerance, there are four classes:

Tolerances greater than 0.3mm that are explicitly indicated are included in this class. In a technical drawing, the general tolerance must be indicated and compared against the actual dimension (the value that is actually measured). The valid standards must also be indicated.

Name of the inspector(s) : _____

Date : _____

Signature(s) : _____

Company stamp:

Item number	
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Inspection report

Item	Nominal	Real value	Inspection equipment
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