

Order number		Part number / name	
Order date		Inspection date	
Material		Drawing revision	
Order quantity		Sample size	
Report number		Dimension unit	

DIMENSIONAL INSPECTION

No.	Nominal dimension	Tolerance class	Upper tolerance	Lower tolerance	Measured results					Equipment	Comments
					S1	S2	S3	S4	S5		
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
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14											
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16											
17											
18											
19											
20											
21											
22											
23											
24											
25											

No.	Nominal dimension	Tolerance class	Upper tolerance	Lower tolerance	Measured results					Equipment	Comments
					S1	S2	S3	S4	S5		
26											
27											
28											
29											
30											
31											
32											
33											
34											

SURFACE ROUGHNESS

Requirement	Measured result
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Specify the roughness parameter (e.g. Ra or Rz), unit, limit and measured result.

INSPECTION REVIEW

Overall result	Inspected by	Approved by
Remarks		

INSPECTION EQUIPMENT CODES

VI	Visual inspection	CAL	Caliper
PG	Pin gauge	TPG	Thread plug gauge
HG	Height gauge	MIC-E	External micrometer
MIC-I	Internal micrometer	TRG	Thread ring gauge
CMM	Coordinate measuring machine	RG	Radius gauge
OP	Optical projector	L	FTIR spectrometer
RT	Roughness tester	PO	Polymax
FG	Feeler gauge	HT	Hardness tester

Use only the equipment and inspection scope agreed for the order. Confirm “PO / Polymax” before use.

Upper and lower tolerances are signed deviations from the nominal dimension. State exceptions in Comments.

Blank template. Complete measurements and review before issuing the report.