N48 ring dimensional inspection

Redacted extract - measurements from one inspection record

Grade recorded: N48 | Coating recorded: NiCuNi

Part recorded: OD 7.60 x ID 4.30 x height 11.50 mm

Test date recorded: 28 August 2026 | Dimensional samples: 25

Dimension	Nominal (mm)	Recorded tolerance	Recorded min-max (mm)
Outer diameter	7.60	+/-0.05 mm	7.59-7.65
Inner diameter	4.30	+/-0.05 mm	4.26-4.32
Height	11.50	+/-0.10 mm	11.46-11.58

Recorded dimensional measurements

Sample	Outer diameter (mm)	Inner diameter (mm)	Height (mm)
1	7.63	4.29	11.46
2	7.62	4.28	11.49
3	7.64	4.28	11.49
4	7.63	4.31	11.53
5	7.64	4.27	11.56
6	7.59	4.29	11.47
7	7.61	4.30	11.56
8	7.61	4.32	11.54
9	7.59	4.29	11.58
10	7.64	4.26	11.48
11	7.65	4.28	11.49
12	7.62	4.31	11.52
13	7.59	4.29	11.53
14	7.61	4.27	11.55
15	7.65	4.26	11.46
16	7.64	4.32	11.48
17	7.61	4.31	11.54
18	7.63	4.28	11.49
19	7.59	4.27	11.49
20	7.62	4.29	11.53
21	7.60	4.28	11.51
22	7.61	4.30	11.55
23	7.63	4.28	11.48
24	7.59	4.26	11.49
25	7.64	4.28	11.51

Scope: this extract reproduces the dimensional entries from a Magnetstek inspection workbook. Values are shown to the source display precision. The tolerances apply to this recorded example only; agree requirements for each drawing and quotation.

Redaction: internal order identifiers, delivery quantity, personal names and signatures, magnetic results and unrelated fields are omitted. This extract is not a complete inspection certificate or a general product specification.

Source worksheet: cylinder/ring inspection record. The original workbook is retained privately by Magnetstek.