
**Paints, varnishes and printing inks —
Determination of fineness of grind**

*Peintures, vernis et encres d'imprimerie — Détermination de la
finesse de broyage*



COPYRIGHT PROTECTED DOCUMENT

below or ISO's member body in the country of the requester.

CP 401 • Ch. de Blandonnet 8

Contents

F

1	S
2	N
3	O
4	T
5	A
6	h
7	h
8	h
	<i>r</i>
9	T

Foreword

P
G
P
n

- the material of the gauges has been changed from hardened steel only to allow also other materials;
- gauges with three grooves have been added;
- the description of the scraper has been modified;
- a second example of a gauge reading has been added in [Figure 3](#);
- the text has been editorially revised and the normative references have been updated.

Paints, varnishes and printing inks — Determination of fineness of grind

1 Scope

2 Normative references

Paints and varnishes — Examination and preparation of test samples

Paints and varnishes — Terms and definitions

Paints, varnishes and raw materials for paints and varnishes — Sampling

3 Terms and definitions

— ISO Online browsing platform: <https://www.iso.org/obp>

— IEC Electropedia: available at <http://www.electropedia.org/>

3.1 fineness of grind

4 Apparatus

4.1 G

Table 1 — Graduation of typical gauges and recommended ranges

Maximum depth of groove	Interval of graduations	Recommended range

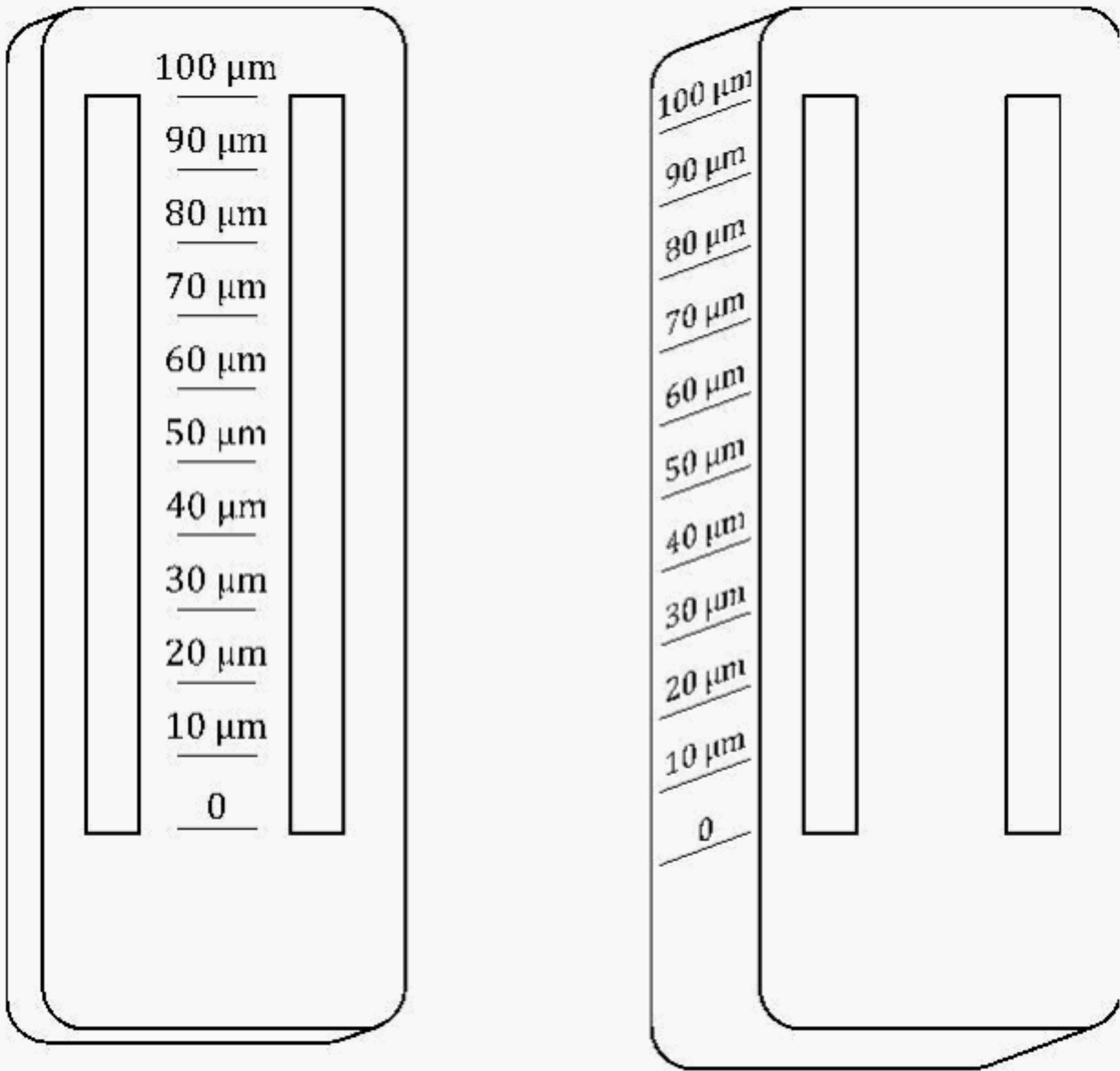
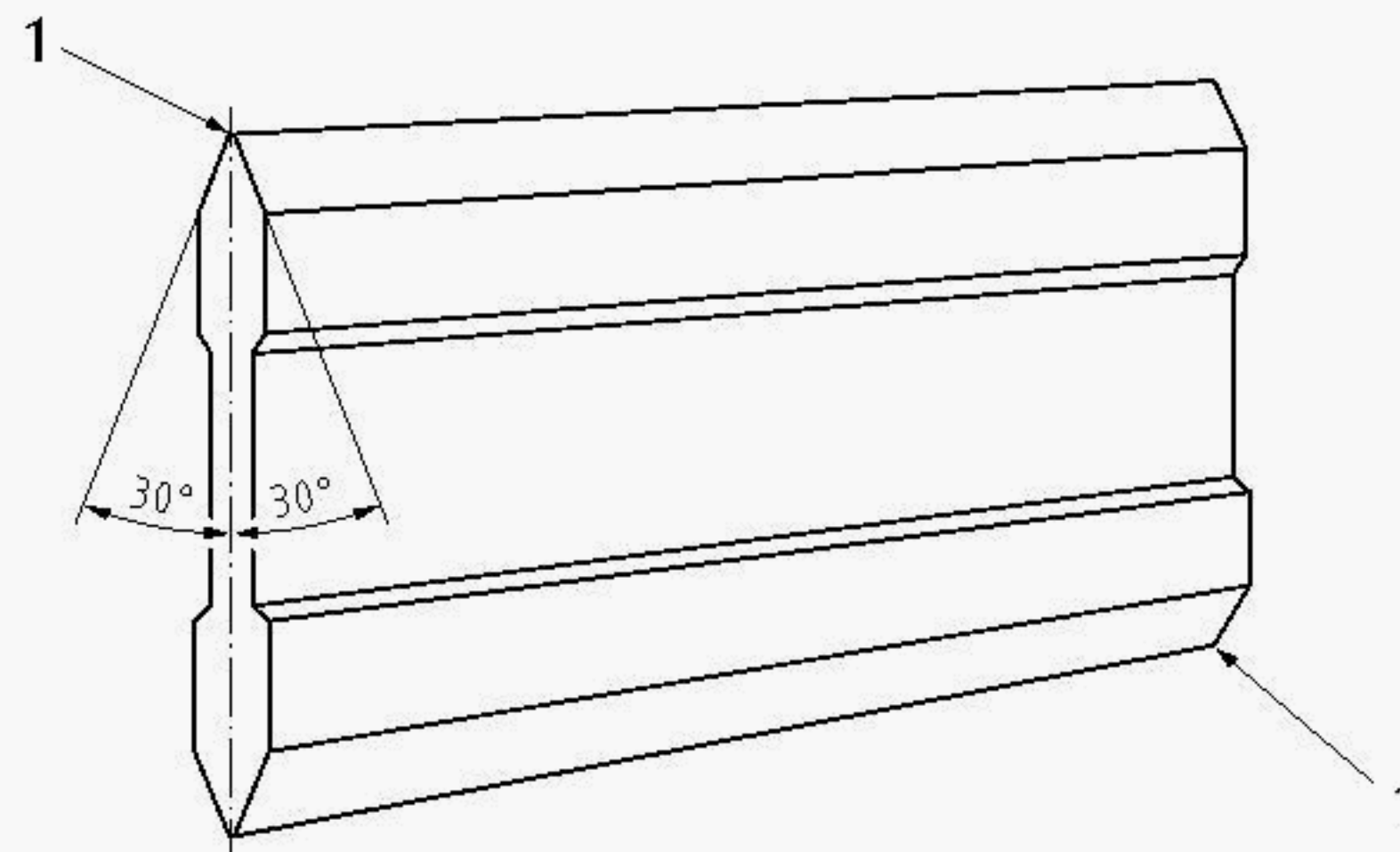


Figure 1 — Two examples of a 100 µm gauge

4.2 S



Key

Figure 2 — Example for a suitable scraper

5 Sampling

6 Procedure

6.1

6.2

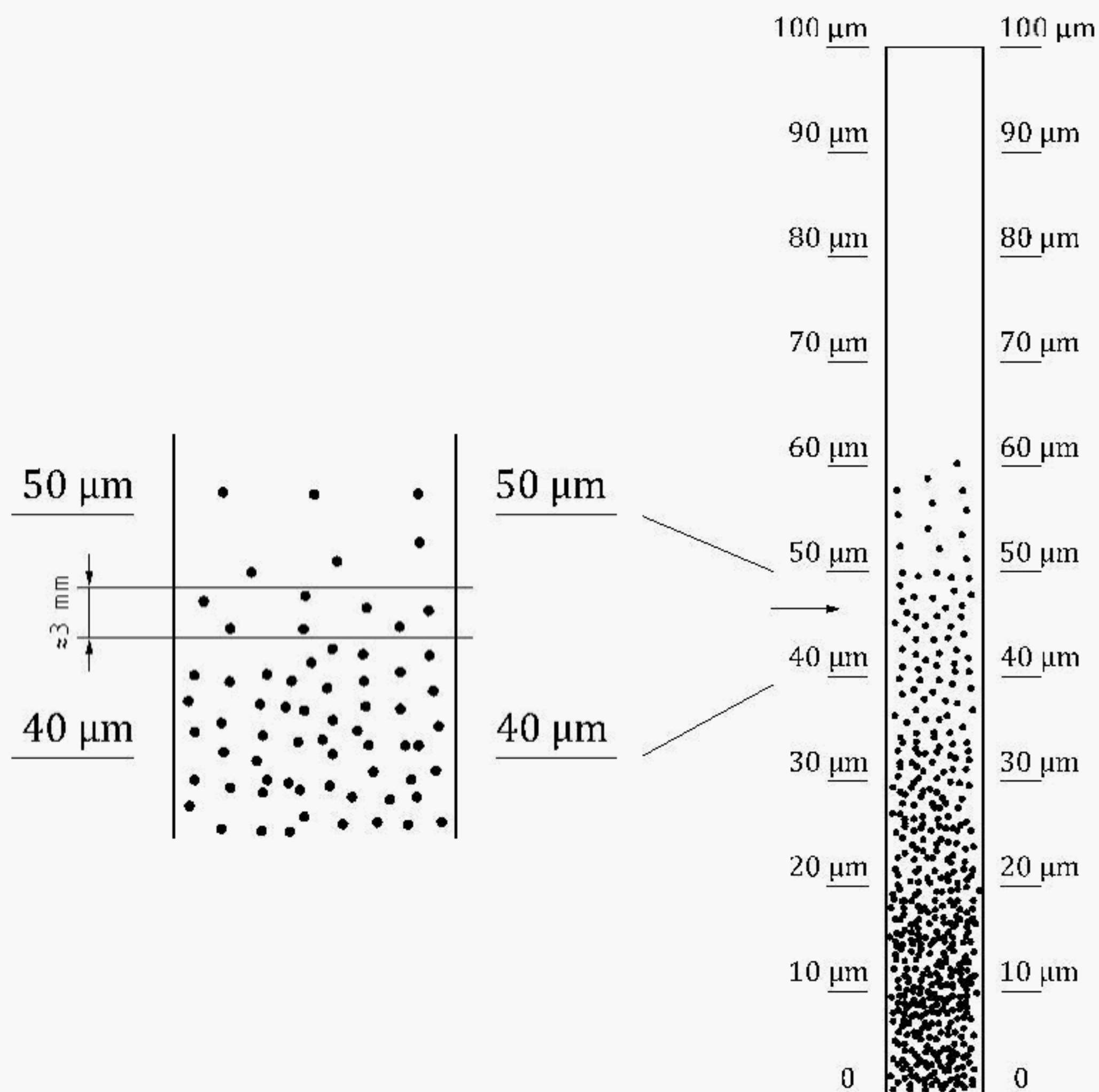
6.3

6.4

6.5

6.6

- 5 μm for the 100 μm gauge;
- 2 μm for the 50 μm gauge;
- 1 μm for the 25 μm gauge.



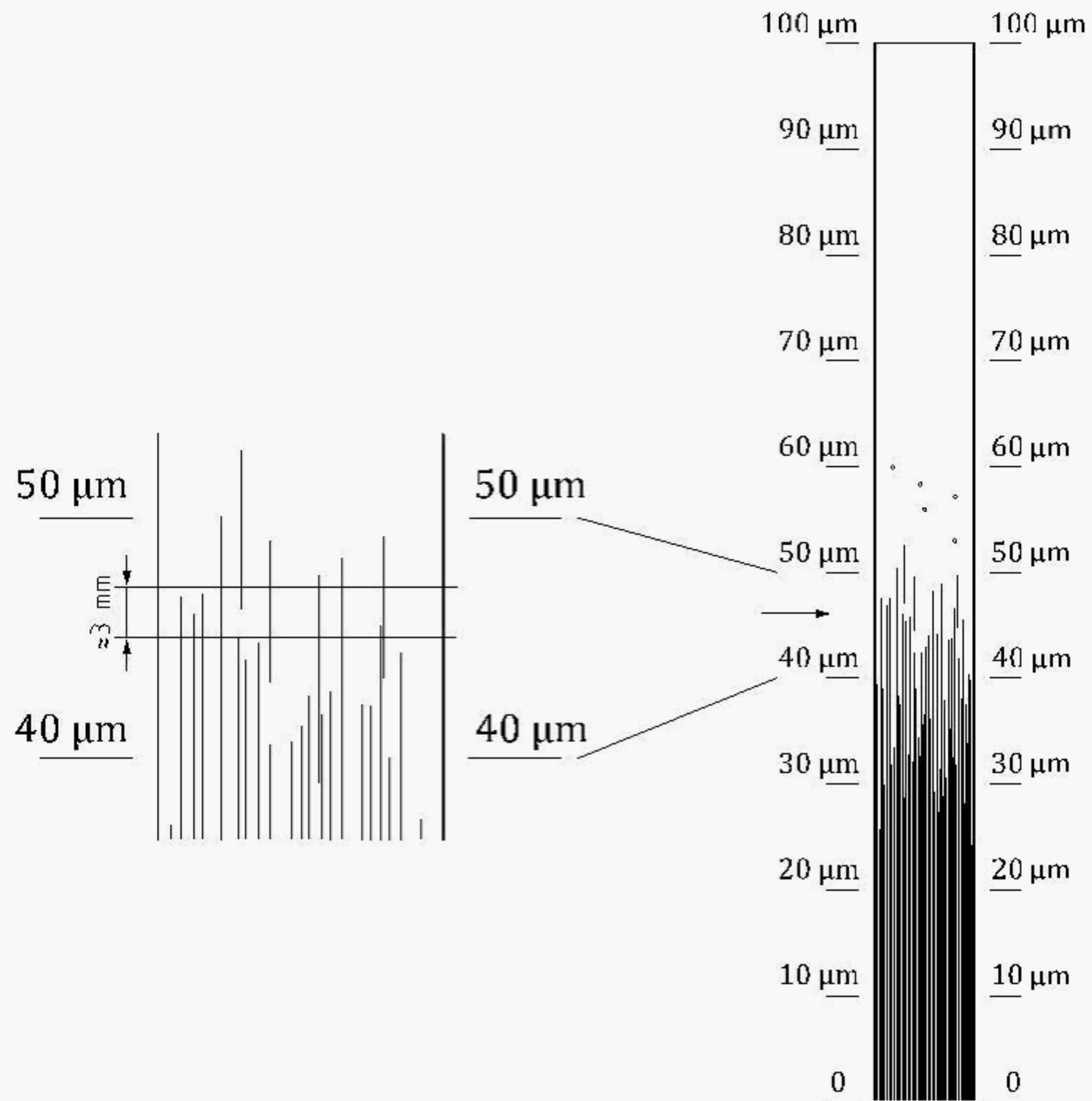


Figure 3 — Examples of a gauge reading 45 µm

6.7

7 Expression of results

8 Precision

8.1 Repeatability limit, r

8.2 Reproducibility limit, R

9 Test report

