

# ISO 1302:2002-02 (E)

## Geometrical Product Specifications (GPS) - Indication of surface texture in technical product documentation

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1 Scope .....		1
2 Normative references .....		1
3 Terms and definitions .....		2
4 Graphical symbols for the indication of surface texture .....		3
5 Composition of complete graphical symbol for surface texture .....		5
6 Indication of surface texture parameters .....		6
7 Indication of manufacturing method or related information .....		11
8 Indication of the surface lay .....		12
9 Indication of machining allowance .....		14
10 Summarizing of indications of surface texture requirements and their values .....		14
11 Position on drawings and other technical product documentation .....		14
Annex A (normative) Proportions and dimensions of graphical symbols .....		20
Annex B (informative) Synoptive tables .....		23
Annex C (informative) Examples of indication of surface texture requirements .....		26
Annex D (informative) Minimum indications for unambiguous control of surface functions .....		30
Annex E (informative) Surface texture parameter designations .....		33
Annex F (informative) Evaluation length, $l_n$ .....		36
Annex G (informative) Transmission band and sampling length .....		37
Annex H (informative) Consequences of new ISO surface texture standards .....		39
Annex I (informative) Former practice .....		41
Annex J (informative) Relation to the GPS matrix model .....		44
Bibliography .....		46