

# DIN EN ISO 10135:2010-02 (E)

## Geometrical product specifications (GPS) - Drawing indications for moulded parts in technical product documentation (TPD) (ISO 1 0135:2007)

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
Introduction .....		4
1	Scope .....	5
2	Normative references .....	5
3	Terms and definitions .....	6
4	Letter Symbols .....	6
5	Line conventions .....	7
6	Drawing indications for moulded parts .....	7
6.1	Parting surface .....	7
6.2	Tool markings .....	9
6.3	Special ejector markings identifier .....	10
6.4	Mismatch .....	11
6.5	Flash .....	15
6.6	Extent of specification .....	17
6.7	Draft angles .....	24
6.8	Tool motion direction .....	36
6.9	Part removal direction .....	38
6.10	Surface enlargement .....	39
6.11	Sinks .....	40
6.12	Porosity .....	41
6.13	Identification and marking .....	41
6.14	Other necessary information .....	42
6.15	Special indication for undisturbed surfaces .....	43
7	Rules for linear and geometrical dimensioning and tolerancing .....	43
7.1	Linear dimensioning and tolerancing .....	43
7.2	Geometrical tolerancing .....	47
7.3	Datums .....	47
7.4	Surface texture .....	47
7.5	Edges .....	47
Annex A (normative) Proportions and dimensions of graphical symbols .....		48
Annex B (informative) Former practice (tapered features) .....		52
Annex C (informative) Relation to the GPS matrix model .....		54
Bibliography .....		55