

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)

Contents		Page
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