

DIN CEN ISO/TS 8062-2:2014-03 (E)

Geometrical Product Specifications (GPS) - Dimensional and geometrical tolerances for moulded parts - Part 2: Rules (ISO/TS 8062-2:2013); German version CEN ISO/TS 8062-2:2013

Contents		Page
Foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	6
4	Symbols	7
5	Designation on drawings	9
6	Drawing type indicator	9
6.1	Single and combined drawings	9
6.2	Final moulded part drawings	9
6.3	Intermediate machined moulded part drawings	10
6.4	Final machined moulded part drawings	10
6.5	Identifier for machining by the supplier	10
7	Drawing indications	11
7.1	Surface texture symbols	11
7.2	Part condition identifiers	11
7.3	Required machining allowance, RMA	15
8	Indication of general tolerances	16
8.1	General tolerances according to ISO 8062-3	16
8.2	General surface profile tolerance	16
9	Types of specifications	16
9.1	General	16
9.2	Specification of final moulded-part condition	16
9.3	Specification of intermediate machined moulded-part conditions	17
9.4	Specification of final machined moulded-part condition	18
10	Tolerancing	19
10.1	General	19
10.2	Tolerancing of final moulded parts	19
10.3	Tolerancing of intermediate machined moulded parts	19
10.4	Tolerancing of final machined moulded part	20
Annex A (normative) Proportions and dimensions of graphical symbols		24
Annex B (informative) Accumulation method, relationship between moulded part and machined moulded part		26
Annex C (informative) Calculation of moulded part nominal dimensions of features to be machined		31

Annex D (informative) Examples for the multiple tolerancing method	33
Annex E (informative) Drawing examples	46
Annex F (informative) Task assignment	56
Annex G (informative) Relation to the GPS matrix model	59
Bibliography	61