

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