# DIN EN ISO 2692:2015-12 (E)

## Geometrical product specifications (GPS) - Geometrical tolerancing - Maximum mate rial requirement (MMR), least material requirement (LMR) and reciprocity requirement (RPR) (ISO 2692:2014)

## Contents


Page

**Foreword** ... **3**

**Introduction** ... **4**

**1 Scope** ... **6**

**2 Normative references** ... **6**

**3 Terms and definitions** ... **6**

**4 Maximum material requirement, MMR and least material requirement, LMR** ... **10**
4.1 General ... 10
4.2 Maximum material requirement, MMR ... 11
4.2.1 Maximum material requirement for toleranced features ... 11
4.2.2 Maximum material requirement for related datum features ... 12
4.3 Least material requirement, LMR ... 13
4.3.1 Least material requirement for toleranced features ... 13
4.3.2 Least material requirement for related datum features ... 14

**5 Reciprocity requirement, RPR** ... **15**
5.1 General ... 15
5.2 Reciprocity requirement and maximum material requirement ... 15
5.3 Reciprocity requirement and least material requirement ... 15

**Annex A** (informative) **Examples of tolerancing with Ⓜ, Ⓛ and Ⓡ** ... **16**

**Annex B** (informative) **Concept diagram** ... **48**

**Annex C** (informative) **Relation to the GPS matrix model** ... **49**

**Bibliography** ... **51**