

DIN EN ISO 25378:2011-12 (E)

Geometrical product specifications (GPS) - Characteristics and conditions - Definitions (ISO 25378:2011)

| Contents | | Page |
|------------------------------|----------------------------------------------------------------|-------------|
| Foreword | | 3 |
| Introduction | | 4 |
| 1 | Scope | 5 |
| 2 | Normative references | 5 |
| 3 | Terms and definitions | 6 |
| 4 | General presentation | 19 |
| 4.1 | General principles of the specifications | 19 |
| 4.2 | General principle of the characteristics | 19 |
| 5 | Illustration of GPS characteristics | 20 |
| 5.1 | General | 20 |
| 5.2 | Single and relationship characteristics | 21 |
| 5.3 | Local and global characteristics | 24 |
| 5.4 | Deviated and reference feature | 24 |
| 5.5 | Independent characteristics | 25 |
| 5.6 | Zone characteristic | 34 |
| 5.7 | Gauge characteristic | 38 |
| 5.8 | Assembly or sub-assembly characteristic | 43 |
| 6 | Relations between terms related to characteristic | 48 |
| Annex A (informative) | Overview diagrams | 50 |
| Annex B (normative) | Basic (geometrical) characteristic | 53 |
| Annex C (informative) | Relation to the GPS matrix model | 61 |
| Bibliography | | 62 |