Indian Standard

GEOMETRICAL PRODUCT SPECIFICATIONS (GPS) — STRAIGHTNESS

PART 1 VOCABULARY AND PARAMETERS OF STRAIGHTNESS

1 Scope

This part of ISO 12780 defines the terms and concepts related to straightness of individual integral features and covers complete straightness profiles only.

NOTE   Straightness of an extracted derived axis of a cylinder is defined in ISO 12180-1 and ISO 12180-2.

2   Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 11562:1996, *Geometrical Product Specifications (GPS) — Surface texture: Profile method — Metrological characterization of phase correct filters*

ISO 12780-2:2011,   *Geometrical product specifications (GPS) — Straightness — Part 2: Specification operators*

ISO 14660-1:1999, *Geometrical Product Specifications (GPS) — Geometrical features — Part 1: General terms and definitions*

ISO 14660-2:1999, *Geometrical Product Specifications (GPS) — Geometrical features — Part 2: Extracted median line of a cylinder and a cone, extracted median surface, local size of an extracted feature*

ISO 17450-1:—[1), *Geometrical product specifications (GPS) — General concepts — Part 1: Model for geometrical specification and verification*