

# ISO 16610-28:2016-12 (E)

## Geometrical product specifications (GPS) - Filtration - Part 28: Profile filters: End effects

---

| <b>Contents</b>   |   | <b>Page</b> |
|---|---|-------------|
| Foreword .....  |   | iv          |
| Introduction .....  |   | v           |
| 1   | Scope .....                                   | 1           |
| 2   | Normative references .....                    | 1           |
| 3   | Terms and definitions .....                   | 1           |
| 4   | End effect correction methods .....           | 2           |
| 4.1   | General .....                                 | 2           |
| 4.2   | Extrapolation of the profile -- Methods ..... | 4           |
| 4.2.1   | Zero padding .....                            | 4           |
| 4.2.2   | Linear extrapolation .....                    | 5           |
| 4.2.3   | Symmetric extension .....                     | 6           |
| 4.3   | Moment retainment criterion .....             | 8           |
| 5   | Recommendations .....                         | 14          |
| 5.1   | Default end correction .....                  | 14          |
| 5.2   | End correction designations .....             | 15          |
| Annex B (informative) Relationship to the filtration matrix model ..... |   | 18          |
| Annex C (informative) Relationship to the GPS matrix model .....        |   | 19          |
| Bibliography .....  |   | 20          |