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ISO 10322

Ophthalmic optics — Semi-finished blanks

Optique ophtalmique — Verres semi-finis

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This first edition of ISO 10322 cancels and replaces the fourth edition of ISO 10322-1:2016 and ISO 10322-2:2016, which have been combined and technically revised.

The main changes are as follows:

- the two original parts of the International Standard have been combined;
- blanks have been classified by the type of finished surface, not by their intended use, since what were termed single-vision blanks are now also used to make multifocal or power-variation surfaces by using free form technology;
- the terminology related to power-variation lenses that was introduced with ISO 21987^[1] has been adopted to avoid the separate descriptions necessary for progressive-power and degressive power blanks;
- in [5.1](#), a cross reference has been made to the requirements on the material of the blank that are in ISO 14889;
- the tables giving the spherical power and cylindrical power tolerances are now both in the same subclause, and the tolerances for cylindrical powers between 0,00 D and $\leq 0,25$ D have been transferred to the cylindrical power tolerance table;
- blank size: effective size is now called actual size and the tolerances for actual and usable sizes changed;
- the default position for the distance power measurement when measuring the addition power for multifocal blanks has been moved to the geometrical centre of the blank;

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combined).

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