

ISO 7867-1:2018 (E)

Metric series for agricultural, forestry machines and construction tyres — Part 1: Tyre designation, dimensions and marking, and tyre/rim coordination

Contents

	Foreword
1	Scope
2	Normative references
3	Terms and definitions
4	Tyre size designation
4.1	General
4.2	Tyre type prefixes
4.3	Nominal section width
4.4	Nominal aspect ratio
4.5	Tyre construction code
4.6	Nominal rim diameter code
4.7	Tyre type suffixes
5	Marking
5.1	General
5.2	Tyre size designation
5.3	Service description
5.4	Additional information
5.5	Tyre classification and nomenclature
5.6	Tyre maximum pressure for bead seating pictogram
6	Tyre dimensions
6.1	General
6.2	Calculation of "design tyre" dimensions
6.2.1	General
6.2.2	Theoretical rim width, R_{th}
6.2.3	Measuring rim width, R_m
6.2.4	Design tyre section width, S
6.2.5	Design tyre section height, H
6.2.6	Design tyre overall diameter, DO
6.3	Calculation of "minimum overall tyre dimensions"
6.3.1	Minimum overall width, W_{min}
6.3.2	Minimum overall diameter, DO_{min}
6.4	Calculations of "maximum overall tyre dimensions in service"
6.4.1	General
6.4.2	Maximum overall width in service, W_{max}
6.4.3	Maximum overall diameter in service, DO_{max}
6.5	Coefficients for calculation of tyre dimensions
7	Tyre dimensional data
8	Method of measurement of tyre dimensions
9	Tyre and rim coordination
9.1	Approved rim widths
9.2	Approved rim contours
10	Tyre parameters for vehicle speed reference

- Annex A** (normative) Tyre design dimensions and approved rim width codes
- Annex B** (normative) Dimensional guidelines for rim widths and nominal rim diameters
- Annex C** (informative) Approved rim contours for metric agricultural tractor drive wheel and implements tyres on 5° and 15° tapered rims
- Annex D** (informative) Rolling circumference (RC), rolling circumference index (RCI) and speed radius index (SRI) values for metric drive wheel tyres

Page count: 35