
**Metric series for agricultural, forestry
machines and construction tyres —**

**Part 1:
Tyre designation, dimensions and
marking, and tyre/rim coordination**

*Pneumatiques de la série millimétrique pour machines agricoles,
engins forestiers et engins de construction —*

*Partie 1: Désignation dimensionnelle de pneumatiques, cotes,
marquages et couples pneumatiques-jantes*



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 31, *Tyres, rims and valves*, Subcommittee SC 5, *Agricultural tyres and rims*.

This fifth edition cancels and replaces the fourth edition (ISO 7867-1:2005), which has been technically revised. The main changes compared to the previous edition are as follows:

- the title has been revised to reflect the content of the document;
- the Scope now includes the design guides for tyres for forestry and construction applications with metric designation;
- definitions and markings for tyres for forestry and construction applications have been added;
- coefficients for the calculation of tyre dimensions have been added;
- data already contained in ISO 4223-1 have been removed and reference has been made to them;
- tables have been revised to reflect the latest evolution in regional regulations as well as industrial International Standards;
- data for rolling circumference index and speed radius index have been added.

A list of all parts in the ISO 7867 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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Metric series for agricultural, forestry machines and construction tyres —

Part 1:

Tyre designation, dimensions and marking, and tyre/rim coordination

1 Scope

This document establishes the tyre size designation, the dimensional calculation formulae, the markings and the tyre and rim coordination for the metric series of tyres primarily intended for use on agricultural and forestry tractors, machines, equipment and trailers and for construction machines.

It applies to diagonal, bias-belted and radial tyres mounted on 5° and 15° tapered rims.

NOTE Code designated series of:

- diagonal (ply rating marked) tyres for agricultural tractors and machines are specified in ISO 4251-1 and ISO 4251-2;
- radial (service description marked) tyres for agricultural tractor-drive-wheel tyres are specified in ISO 8664;
- tyres for logging and forestry machines are specified in ISO 18807¹⁾;
- tyres for construction/industrial tractors are specified in ISO 13442.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 4223-1, *Definitions of some terms used in the tyre industry — Part 1: Pneumatic tyres*

ISO 4251-5, *Tyres (ply rating marked series) and rims for agricultural tractors and machines — Part 5: Logging and forestry service tyres*

ISO 7867-2, *Metric series of agricultural, forestry and construction tyres — Part 2: Tyres for agricultural tractors, machines and equipments - Service description and load ratings*

ISO 13442, *Tyres and rims for construction machines*

ISO 18807, *Tyres and rims for logging and forestry service*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 4223-1 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>

1) Under preparation. Stage at the moment of publication ISO/DIS 18807:2018.

— IEC Electropedia: available at <http://www.electropedia.org/>

3.1 Tractor drive wheel tyres

3.1.1

standard metric tyres

tyres for use on drive wheels of agricultural machines (mainly tractors) engaged in surface work or linear cultivation in agricultural fields and transport or towing of equipment for such work

Note 1 to entry: The tyres are suitable for sustained high torque service with increased load at lower speeds (see details in ISO 7867-2).

3.1.2

IF tyres

tyres designed to operate at approximately 20 % higher rated load than *standard metric tyres* (3.1.1) at the same inflation pressure, but with no increased loads at lower speeds

3.1.3

VF tyres

tyres designed to operate at approximately 40 % higher rated load than *standard metric tyres* (3.1.1) at the same inflation pressure, but with no increased loads at lower speeds

3.2

tractor steering wheel tyres

tyres for use on non-driven steering wheels of agricultural machines (mainly tractors)

3.3

implement tyres

tyres for use on free rolling or driven wheels of agricultural machines, equipment or trailers

Note 1 to entry: The tyres are not suitable for sustained high torque service.

3.4

logging and forestry tyres

tyres designed to be fitted to machines or equipment used in logging and forestry applications

3.5

construction/industrial tractor tyres

tyres designed to be fitted on industrial tractors, backhoe loaders and other vehicles working in industrial or construction applications (e.g. loaders, excavators, etc.) or some agricultural vehicles (e.g. telehandlers)

4 Tyre size designation

4.1 General

The size designation and construction characteristics shall be indicated as follows:

Tyre type Prefix (if applicable)	Nominal section width	Nominal aspect ratio	Tyre con- struction code	Nominal rim diam- eter code	Tyre type suffix (if applica- ble)
--	-----------------------------	-------------------------	--------------------------------	-----------------------------------	---

4.2 Tyre type prefixes

"IF" identifies a tyre described in 3.1.2.

"VF" identifies a tyre described in 3.1.3.

4.3 Nominal section width

The nominal section width shall be expressed in millimetres and shall end with "0".

4.4 Nominal aspect ratio

The nominal aspect ratio (also known as tyre series) shall be a multiple of 5.

4.5 Tyre construction code

The tyre construction code shall be as follows:

- "–" or alternatively "**D**" for diagonal/bias construction;
- "**B**" for bias belted construction;
- "**R**" for radial construction.

4.6 Nominal rim diameter code

For tyres mounted on **5°** tapered rims, the nominal rim diameter shall be expressed by a code comprising 1 or 2 digits.

For tyres mounted on **15°** tapered rims, the nominal rim diameter shall be expressed by a code ending with ".5".

For details, refer to ISO 4223-1 and ISO 18804.

For tyres requiring new concepts of rims, for safety reasons especially concerning mounting, the code number shall be equal to the nominal rim diameter expressed by an integral number of millimetres, i.e. formed by 3 or 4 digits.

4.7 Tyre type suffixes

"**CHO**" identifies some standard tractor drive wheel metric tyres designed for cyclic harvesting (see details in ISO 7867-2).

"**CFO**" identifies a tractor drive wheel IF or VF tyre designed for cyclic field operations (see details in ISO 7867-2).

"**FRONT**" identifies a tyre for tractor steering wheels. It may be replaced by the tyre classification code "**F**" described in ISO 18805.

"**IMP**" identifies an implement tyre. It may be replaced by the inscription "**IMPLEMENT**" on the tyre sidewall.

"**LS**" identifies a tyre for forestry machines (see details in ISO 18807).

"**IND**" identifies a tyre for construction machines (see details in ISO 13442).

5 Marking

5.1 General

The marking on the tyre sidewalls shall comprise:

- the tyre size designation (see [5.2](#));
- the service description (see [5.3](#));

— any other additional information (see 5.4).

5.2 Tyre size designation

Metric tyres meeting the size and construction requirements of this document shall be marked on the sidewall as detailed in [Clause 4](#) and shown in the examples below.

Tractor drive wheel tyres
480/70R38
710/75-26.5
IF600/70R30
IF800/60R32CFO

Tractor steering wheel tyre
210/55-15FRONT

Implement tyre
380/60-15IMP
460/65R22.5IMP

Forestry tyre
710/60-30.5LS

(see details in ISO 18807)

Construction/ industrial tractor tyre
400/80R24IND

(see details in ISO 13442)

5.3 Service description

The service description shall be indicated as follows:

Load index	Speed symbol
------------	--------------

Actual values shall be as specified and explained in ISO 4251-5, ISO 7867-2, ISO 13442 and ISO 18807.

5.4 Additional information

5.4.1 For tubeless tyres, the marking "TUBELESS" shall be shown on the tyre.

5.4.2 For tube type tyres, the marking "TUBE TYPE" shall be shown on the tyre.

5.4.3 If a direction of rotation of the tyre is preferred, an arrow may be used to indicate that direction.

5.5 Tyre classification and nomenclature

A tyre classification code may be used to describe the primary field of application of the tyre as detailed in ISO 18805.

5.6 Tyre maximum pressure for bead seating pictogram

Conformity to some regional regulations requires the inscription “xxx kPa MAX” or “xxx bar MAX” inside a pictogram (see [Figure 1](#)) to notify the cold inflation pressure that shall not be exceeded for bead seating during tyre mounting.

The level of the seating pressure is determined by the tyre manufacturer.

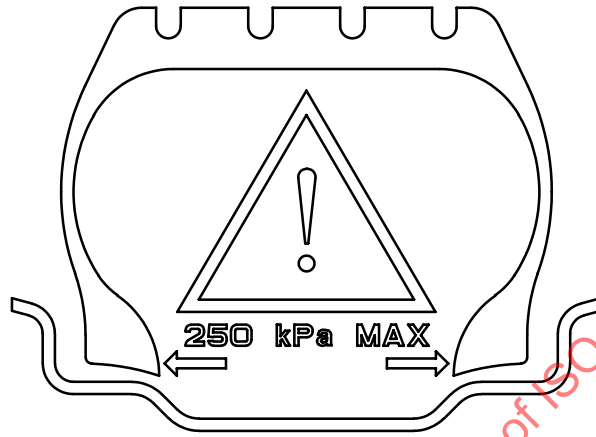


Figure 1 — Pictogram

6 Tyre dimensions

6.1 General

All calculated values of tyre dimensions (except rim dimensions) are to be rounded to the nearest whole number.

6.2 Calculation of "design tyre" dimensions

6.2.1 General

Design new tyre dimensions are used for tyre design purposes only.

6.2.2 Theoretical rim width, R_{th}

The theoretical rim width, R_{th} , is equal to the product of the nominal section width, S_N , and the rim/section ratio, K_1 :

$$R_{th} = K_1 \times S_N$$

For factor K_1 , see [Table 1](#).

Table 1 — Coefficient K_1 for calculation of the theoretical rim width, R_{th}

Tyre type	Nominal aspect ratio A_R	Nominal section width S_N mm	K_1
Standard metric steering and drive wheel tyres on 5° tapered rims	105 – 40	≤ 950	0,80
	65 – 40	1 000; 1 050	0,85
		≥ 1 100	0,90
Tractor drive wheel IF and VF tyres on 5° tapered rims	105 – 80	320 to 900	0,85
	75 – 70	420 to 900	0,875
	65 – 40	420 to 1 250	0,90
Implement tyres on 5° tapered rims	100 – 90	≤ 280	0,70
	85 – 40	100 to 900	0,80
All tyres on 15° tapered rims	85 – 40	200 to 900	0,80
	35	500 to 900	0,85

6.2.3 Measuring rim width, R_m

The measuring rim width, R_m , is the rim width, A , nearest to the theoretical rim width, R_{th} (see [Table B.1](#) for actual values of rim width A). The measuring rim width code is represented by the corresponding value in column 1 of [Table B.1](#).

6.2.4 Design tyre section width, S

The design tyre section width, S , is the nominal section width, S_N , transferred from the theoretical rim, R_{th} , to the measuring rim width, R_m :

$$S = S_N + 0,4 \times (R_m - R_{th})$$

6.2.5 Design tyre section height, H

The design tyre section height, H , is equal to the product of the nominal section width, S_N , and the nominal aspect ratio, A_R , divided by 100:

$$H = S_N \times A_R / 100$$

NOTE Some 70 series ($A_R = 70$) radial tyres for tractor drive wheels do not follow this rule. Their values for H , D_0 and $D_{0,max}$ are shown in [Table A.2](#).

6.2.6 Design tyre overall diameter, D_0

The design tyre overall diameter, D_0 , is the sum of the nominal rim diameter, D_r , expressed in mm, and twice the tyre section height, H :

$$D_0 = D_r + 2H$$

For the value of D_r , see the second column of [Table B.2](#).

These values of D_0 refer to tyres with regular tread pattern. For tyres with deep tread pattern, consult the tyre manufacturer.

6.3 Calculation of "minimum overall tyre dimensions"

6.3.1 Minimum overall width, $W_{\min}$

The minimum overall width, $W_{\min}$, is equal to the product of the design tyre section width, S , and the appropriate coefficient, c (see [Table 2](#)):

$$W_{\min} = S \times c$$

6.3.2 Minimum overall diameter, $D_{0,\min}$

The minimum overall diameter, $D_{0,\min}$, is equal to the nominal rim diameter, D_r , expressed in mm, and twice the product of design tyre section height, H , and the appropriate coefficient, d (see [Table 2](#)):

$$D_{0,\min} = D_r + 2 \times H \times d$$

6.4 Calculations of "maximum overall tyre dimensions in service"

6.4.1 General

These calculations are for use by vehicle manufacturers in designing for tyre clearance. Calculated values are to be rounded to the nearest integer.

6.4.2 Maximum overall width in service, $W_{\max}$

The maximum overall width in service, $W_{\max}$, is equal to the product of the design tyre section width, S , and the appropriate coefficient, a (see [Table 2](#)):

$$W_{\max} = S \times a$$

It includes protective ribs, lettering, embellishments, manufacturing tolerances and growth due to service.

6.4.3 Maximum overall diameter in service, $D_{0,\max}$

The maximum overall diameter in service, $D_{0,\max}$, is equal to the nominal rim diameter, D_r , expressed in mm, plus twice the product of the design tyre section height, H , and the appropriate coefficient, b (see [Table 2](#)):

$$D_{0,\max} = D_r + 2 \times H \times b$$

It includes manufacturing tolerances, the different types of tread patterns (see footnote to [Table 2](#)) and growth due to service.

6.5 Coefficients for calculation of tyre dimensions

The coefficients for the calculation of tyre dimensions shall be as given in [Table 2](#).

Table 2 — Coefficients for calculation of tyre dimensions

Tyre structure	Coefficients			
	<i>a</i>	<i>b^a</i>	<i>c</i>	<i>d</i>
Diagonal	1,08	1,07	0,96	0,96
Bias-belted				
Radial	1,05	1,04		

^a For tractor drive wheel and forestry tyres, the values are based on regular service tyres. Deep treads and corresponding increased overall diameters may be used for certain specialized tyres. Coefficient *b* shall in no case exceed 1,12.

7 Tyre dimensional data

Dimensional data shall be as given in [Annex A](#):

- Table A.1 for all standard metric tyres on 5° tapered rims with aspect ratio 95 to 40 except implement tyres with aspect ratio 100 to 90;
- Table A.2 for dimensional guidelines for some metric drive wheel tyres on 5° tapered rims with aspect ratio 70 — Standard, IF and VF;
- [Tables A.3, A.4](#) and [A.5](#) for IF and VF drive wheel tyres on 5° tapered rims;
- Table A.6 for metric series tyres on 15° tapered rims with aspect ratio 70 to 40;
- Table A.7 for implement tyres on 5° tapered rims with aspect ratio 100 to 90.

8 Method of measurement of tyre dimensions

Before being measured, the tyre shall be mounted on one approved rim, inflated with air or nitrogen to the recommended pressure, and allowed to stand for a minimum of 24 h at normal room temperature, after which the inflation pressure shall be readjusted to the original value.

In case the tyre is mounted on a rim whose width code differs from the measuring rim width code, the actual tyre section widths shall be modified as follows:

$$\text{Tyre width}_{\text{actual}} = \text{Tyre width}_{\text{on the measuring rim}} + 10 \times (\text{Actual rim width code} - \text{Measuring rim width code})$$

9 Tyre and rim coordination

9.1 Approved rim widths

The coefficients for the calculation of approved rim widths are given in [Table 3](#).

$$\text{Rim width} = R \times S_N$$

The values (min. and max.) shall be rounded to the nearest standardized rim width A (mm) as per [Table B.1](#).

Table 3 — Coefficients for calculation of approved rim widths

Tyre type	Nominal aspect ratio A_R	R_{Min}	R_{Max}
Standard metric steering and drive wheel tyres on 5° tapered rims ^a	105 – 40	0,75	0,90
IF or VF tyres on 5° tapered rims	105 – 80	0,80	0,90
	75 – 70	0,825	0,925
	65 – 40	0,85	0,95
Implement tyres on 5° tapered rims	100 – 90	0,60	0,80
	85 – 40	0,70	0,90
All tyres on 15° tapered rims	85 – 40	0,75	0,90
	35	0,85	0,90

^a In case of standard metric drive wheel tyres on 5° tapered rims with nominal section widths $S_N \geq 800$, the following applies:

Nominal section width S_N	Minimum rim width code	Maximum rim width code
800 – 1 000	Measuring rim width code minus 1	Measuring rim width code + 3
>1 000	Measuring rim width code	Measuring rim width code + 4

Approved minimum and maximum rim width codes are given in [Annex A](#).

The tyre and the rim/wheel manufacturer shall be consulted for confirmation of the suitability of the tyre/wheel assembly for the intended service.

9.2 Approved rim contours

Approved rim contours for ranges of existing tyres for tractor drive and steering wheels and implement tyres are given in [Annex C](#):

- Table C.1 for standard agricultural drive wheel tractor tyres;
- Table C.2 for IF and VF agricultural drive wheel tractor tyres;
- Table C.3 for implement tyres.

The tyre manufacturer shall be consulted for the other preferred rim contours within the range of approved rim width codes.

10 Tyre parameters for vehicle speed reference

Rolling circumference (RC), rolling circumference index (RCI) and speed radius index (SRI) are parameters which are used exclusively for the calculation of forward ground speed during homologation procedures (for further information, see ISO 3965 and on ISO 11795).

Values for tractor drive wheel tyres are given in Table D.1.

Annex A (normative)

Tyre design dimensions and approved rim width codes

Dimensional guidelines for tyre design are given in [Tables A.1](#) to [A.7](#).

Table A.1 — All standard metric tyres on 5° tapered rims with aspect ratio 95 to 40 except implement tyres with aspect ratio 100 to 90

Nominal section width S_N	Measuring rim width code	Tyre design dimensions (mm)													Approved rim width codes	
		Section width S	Section height, H , at nominal aspect ratios, A_R													
			95b	90b	85	80	75	70	65	60	55	50	45	40	min.	max.
100b	3.00	98	95	90	85	80	—	—	—	—	—	—	—	3.00	3.50	
110b	3.50	110	105	99	94	88	83	—	—	—	—	—	—	3.00	4.00	
120b	4.00	122	114	108	102	96	90	84	—	—	—	—	—	3.50	4.50	
130b	4.00	129	124	117	111	104	98	91	85	—	—	—	—	4.00	4.50	
140b	4.50	141	133	126	119	112	105	98	91	84	—	—	—	4.00	5.00	
150b	4.50	148	143	135	128	120	113	105	98	90	83	—	—	4.50	5.50	
160b	5.00	160	152	144	136	128	120	112	104	96	88	80	—	4.50	5.50	
170b	5.50	171	162	153	145	136	128	119	111	102	94	85	—	5.00	6.00	
180b	5.50	178	171	162	153	144	135	126	117	108	99	90	81	5.50	6.00	
190b	6.00	190	181	171	162	152	143	133	124	114	105	95	86	5.50	7.00	
200b	6.00	197	190	180	170	160	150	140	130	120	110	100	90	6.00	7.00	
210b	7.00	214	200	189	179	168	158	147	137	126	116	105	95	84	6.00	7.00
220b	7.00	221	209	198	187	176	165	154	143	132	121	110	99	88	6.00	8.00
230b	7.00	228	219	207	196	184	173	161	150	138	127	115	104	92	7.00	8.00
240b	8.00	244	228	216	204	192	180	168	156	144	132	120	108	96	7.00	9.00
250b	8.00	251	238	225	213	200	188	175	163	150	138	125	113	100	7.00	9.00
260b	8.00	258	247	234	221	208	195	182	169	156	143	130	117	104	8.00	9.00
270b	9.00	275	257	243	230	216	203	189	176	162	149	135	122	108	8.00	10.00
280b	9.00	282	266	252	238	224	210	196	182	168	154	140	126	112	8.00	10.00
290	9.00	289	276	261	247	232	218	203	189	174	160	145	131	116	9.00	10.00
300	9.00	295	285	270	255	240	225	210 ^a	195	180	165	150	135	120	9.00	11.00
320	10.00	319	—	288	272	256	240	224 ^a	208	192	176	160	144	128	9.00	11.00
340	11.00	343	—	306	289	272	255	238	221	204	187	170	153	136	10.00	12.00
360	11.00	357	—	324	306	288	270	252 ^a	234	216	198	180	162	144	11.00	13.00
380	12.00	380	—	—	—	304	285	266 ^a	247	228	209	190	171	152	11.00	13.00
400	13.00	404	—	—	—	320	300	280	260	240	220	200	180	160	12.00	14.00
420	13.00	418	—	—	—	336	315	294 ^a	273	252	231	210	189	168	12.00	15.00
440	14.00	441	—	—	—	352	330	308	286	264	242	220	198	176	13.00	16.00
460	14.00	455	—	—	—	368	345	322	299	276	253	230	207	184	14.00	16.00
480	15.00	479	—	—	—	384	360	336 ^a	312	288	264	240	216	192	14.00	17.00

^a Some 70 series tyre sizes do not conform with these values. See Table A.2.

^b For implement tyres with aspect ratio 100 to 90, see Table A.7.

^c Design rim for the 1000/50R25 is 36.00 with a section width of 985.

Table A.1 (continued)

Nominal section width S_N	Measuring rim width code	Tyre design dimensions (mm)														Approved rim width codes	
		Section width S	Section height, H , at nominal aspect ratios, A_R														
			95 ^b	90 ^b	85	80	75	70	65	60	55	50	45	40	min.	max.	
500	16.00	503	—	—	—	400	375	350	325	300	275	250	225	200	15.00	18.00	
520	16.00	516	—	—	—	416	390	364 ^a	338	312	286	260	234	208	15.00	18.00	
540	17.00	540	—	—	—	432	405	378	351	324	297	270	243	216	16.00	20.00	
560	18.00	564	—	—	—	448	420	392	364	336	308	280	252	224	17.00	20.00	
580	18.00	577	—	—	—	464	435	406 ^a	377	348	319	290	261	232	17.00	21.00	
600	19.00	601	—	—	—	480	450	420	390	360	330	300	270	240	18.00	21.00	
620	20.00	625	—	—	—	496	465	434	403	372	341	310	279	248	18.00	21.00	
650	20.00	645	—	—	—	520	488	455	423	390	358	325	283	260	20.00	23.00	
680	21.00	676	—	—	—	544	510	476	442	408	374	340	306	272	20.00	24.00	
710	22.00	706	—	—	—	568	533	497	462	426	391	355	320	284	21.00	25.00	
750	24.00	754	—	—	—	—	563	525	488	450	413	375	338	300	23.00	27.00	
800	25.00	798	—	—	—	—	—	560	520	480	440	400	360	320	24.00	28.00	
850	27.00	852	—	—	—	—	—	—	553	510	468	425	383	340	27.00	30.00	
900	28.00	896	—	—	—	—	—	—	585	540	495	450	405	360	27.00	31.00	
950	30.00	951	—	—	—	—	—	—	618	570	523	475	428	380	30.00	33.00	
1 000	33.00 ^c	995	—	—	—	—	—	—	650	600	550	500	450	400	33.00	36.00	
1 050	36.00	1 059	—	—	—	—	—	—	683	630	578	525	473	420	36.00	40.00	
1 100	38.00	1 090	—	—	—	—	—	—	715	660	605	550	495	440	38.00	42.00	
1 150	40.00	1 158	—	—	—	—	—	—	748	690	633	575	518	460	40.00	44.00	
1 200	40.00	1 205	—	—	—	—	—	—	780	720	660	600	540	480	42.00	46.00	
1 250	44.00	1 253	—	—	—	—	—	—	—	750	688	625	563	500	44.00	48.00	
1 300	46.00	1 301	—	—	—	—	—	—	—	780	715	650	585	520	46.00	48.00	

^a Some 70 series tyre sizes do not conform with these values. See Table A.2.

^b For implement tyres with aspect ratio 100 to 90, see Table A.7.

^c Design rim for the 1000/50R25 is 36.00 with a section width of 985.

Table A.2 — Dimensional guidelines for some metric drive wheel tyres on 5° tapered rims with aspect ratio 70 — Standard, IF and VF

Tyre size designation ^a	Design tyre section height H mm	Overall diameter D_0	Maximum overall diameter in service $D_{0, \max}$
300/70R20	222	952	970
320/70R20	237	982	1 000
320/70R24	242	1 094	1 114
320/70R28	239	1 189	1 209
360/70R20	267	1 042	1 064
360/70R24	271	1 152	1 174
360/70R28	270	1 251	1 273

^a "Improved flexion tyres" are identified by means of the letters "IF" added in front of the size designation (e.g. IF480/70R38) ; "very high flexion tyres" are identified by means of the letters "VF" added in front of the size designation (e.g. VF480/70R38).

Table A.2 (continued)

Tyre size designation ^a	Design tyre section height H mm	Overall diameter D_0	Maximum overall diameter in service $D_{0\max}$
380/70R20	287	1 082	1 104
380/70R24	290	1 190	1 214
380/70R28	291	1 293	1 317
420/70R24	319	1 248	1 274
420/70R28	319	1 349	1 375
420/70R30	318	1 398	1 424
480/70R24	353	1 316	1 344
480/70R26	356	1 372	1 400
480/70R28	355	1 421	1 449
480/70R30	358	1 478	1 506
480/70R34	358	1 580	1 608
480/70R38	358	1 681	1 709
520/70R26	398	1 456	1 488
520/70R30	387	1 536	1 566
520/70R34	388	1 640	1 672
520/70R38	392	1 749	1 781
580/70R38	431	1 827	1 861

^a "Improved flexion tyres" are identified by means of the letters "IF" added in front of the size designation (e.g. IF480/70R38) ; "very high flexion tyres" are identified by means of the letters "VF" added in front of the size designation (e.g. VF480/70R38).

Table A.3 — IF and VF drive wheel tyres on 5° tapered rims with aspect ratio 105 to 80

Nominal section width S_N^a	Measuring rim width code	Tyre design dimensions						Approved rim width codes	
		mm							
		Section width S	Section height H , at nominal aspect ratio, A_R					min.	max.
			105	95	90	85	80		
380	13.00	383	399	361	342	323	304	12.00	13.00
400	13.00	396		380	360	340	320	13.00	14.00
420	14.00	419		399	378	357	336	13.00	15.00
440	15.00	443		418	396	374	352	14.00	16.00
460	15.00	456		437	414	391	368	14.00	16.00
480	16.00	479		456	432	408	384	15.00	18.00
500	17.00	503		475	450	425	400	16.00	18.00
520	17.00	516		494	468	442	416	16.00	18.00
540	18.00	539		513	486	459	432	18.00	20.00
560	18.00	552		532	504	476	448	18.00	20.00
580	20.00	586		551	522	493	464	18.00	21.00

^a "Improved flexion tyres" are identified by means of the letters "IF" added in front of the size designation (e.g. IF480/85R38); "very high flexion tyres" are identified by means of the letters "VF" added in front of the size designation (e.g. VF480/85R38).

Table A.3 (continued)

Nominal section width S_N^a	Measur- ing rim width code	Tyre design dimensions						Approved rim width codes	
		mm							
		Section width S	Section height H , at nominal aspect ratio, A_R					min.	max.
105	95		90	85	80				
600	20.00	599		570	540	510	480	18.00	21.00
620	21.00	623		589	558	527	496	20.00	21.00
650	21.00	642		618	585	553	520	20.00	23.00
680	23.00	682		646	612	578	544	21.00	24.00
710	24.00	713		675	639	604	568	23.00	25.00
750	25.00	749		713	675	638	600	24.00	27.00
800	27.00	802		760	720	680	640	25.00	28.00
850	28.00	845		808	765	723	680	27.00	30.00
900	30.00	899		855	810	765	720	28.00	33.00

^a "Improved flexion tyres" are identified by means of the letters "IF" added in front of the size designation (e.g. IF480/85R38); "very high flexion tyres" are identified by means of the letters "VF" added in front of the size designation (e.g. VF480/85R38).

Table A.4 — IF and VF drive wheel tyres on 5 ° tapered rims with aspect ratio 75 or 70

Nominal section width S_N^a	Measuring rim width code	Tyre design dimensions			Approved rim width codes	
		mm				
		Sec- tion width S	Section height, H , at nominal aspect ratio, A_R		min.	max.
380	13.00	379	285	266 ^b	12.00	14.00
400	14.00	402	300	280	14.00	15.00
420	14.00	415	315	294 ^b	14.00	16.00
440	15.00	438	330	308	15.00	16.00
460	15.00	462	345	322	16.00	18.00
480	16.00	485	360	336 ^b	16.00	18.00
500	17.00	498	375	350	16.00	18.00
520	17.00	521	390	364 ^b	18.00	20.00
540	19.00	544	405	378	18.00	20.00
560	19.00	563	420	392	18.00	21.00
580	20.00	580	435	406 ^b	20.00	21.00
600	20.00	603	450	420	20.00	23.00
620	21.00	616	465	434	21.00	24.00
650	22.00	646	488	455	23.00	25.00
680	23.00	676	510	476	23.00	25.00
710	24.00	705	533	497	24.00	27.00
750	25.00	742	563	525	27.00	30.00

^a "Improved flexion tyres" are identified by means of the letters "IF" added in front of the size designation (e.g. IF480/70R38); "very high flexion tyres" are identified by means of the letters "VF" added in front of the size designation (e.g. VF480/70R38).

^b Some 70 series tyre sizes do not conform with these values. See Table A.2.

Table A.4 (continued)

Nominal section width S_N^a	Measuring rim width code	Tyre design dimensions			Approved rim width codes	
		mm				
		Sec- tion width S	Section height, H , at nominal aspect ratio, A_R		min.	max.
75	70					
800	27.00	794	600	560	28.00	31.00
850	28.00	857	638	595	30.00	33.00
900	30.00	890	675	630	30.00	33.00

^a "Improved flexion tyres" are identified by means of the letters "IF" added in front of the size designation (e.g. IF480/70R38); "very high flexion tyres" are identified by means of the letter "VF" added in front of the size designation (e.g. VF480/70R38).

^b Some 70 series tyre sizes do not conform with these values. See Table A.2.

Table A.5 — IF and VF drive wheel tyres on 5° tapered rims with aspect ratio 65 to 50

Nominal section width S_N^a	Measuring rim width code	Tyre design dimensions					Approved rim width codes	
		mm						
		Section width S	Section height, H , at nominal aspect ratio, A_R				min.	max.
			65	60	55	50		
480	17.00	480	312	288	264	240	16.00	18.00
500	18.00	503	325	300	275	250	16.00	18.00
520	18.00	516	338	312	286	260	18.00	20.00
540	20.00	549	351	324	297	270	18.00	20.00
560	20.00	562	364	336	308	280	19.00	21.00
580	21.00	585	377	348	319	290	19.00	21.00
600	21.00	597	390	360	330	300	20.00	23.00
620	21.00	610	403	372	341	310	21.00	23.00
650	23.00	650	423	390	358	325	21.00	24.00
680	25.00	689	442	408	374	340	23.00	25.00
710	25.00	708	462	426	391	355	24.00	27.00
750	27.00	754	488	450	413	375	25.00	28.00
800	28.00	796	520	480	440	40	27.00	30.00
850	30.00	849	553	510	468	425	28.00	31.00
900	33.00	911	—	540	495	450	30.00	33.00
950	33.00	943	—	570	523	475	33.00	36.00
1000	36.00	1 016	—	—	550	500	36.00	38.00
1050	36.00	1 038	—	—	578	525	36.00	40.00

^a "Improved flexion tyres" are identified by means of the letters "IF" added in front of the size designation (e.g. IF480/60R38); "very high flexion tyres" are identified by means of the letters "VF" added in front of the size designation (e.g. VF480/60R38).

Table A.6 — Metric series tyres on 15° tapered rims with aspect ratio 70 to 40

Nominal section width S_N	Measuring rim width code	Tyre design dimensions								Approved rim width codes	
		mm									
		Section width S	Section height, H , at nominal aspect ratio, A_R							min.	max.
			70	65	60	55	50	45	40		
200	6.75	205	140	130	120	110	100	90	80	6.00	6.75
220	6.75	218	154	143	132	121	110	99	88	6.75	7.50
240	7.50	239	168	156	144	132	120	108	96	7.50	8.25
260	8.25	261	182	169	156	143	130	117	104	8.00	9.00
280	9.00	282	196	182	168	154	140	126	112	8.25	9.75
300	9.75	303	210	195	180	165	150	135	120	9.00	10.50
320	9.75	317	224	208	192	176	160	144	128	9.75	11.75
340	10.50	338	238	221	204	187	170	153	136	9.75	11.75
360	11.75	357	252	234	216	198	180	162	144	10.50	13.00
380	11.75	378	266	247	228	209	190	171	152	11.75	13.00
400	13.00	404	280	260	240	220	200	180	160	11.75	14.00
420	13.00	418	294	273	252	231	210	189	168	13.00	14.00
440	14.00	441	308	286	264	242	220	198	176	13.00	16.00
460	14.00	455	322	299	276	253	230	207	184	14.00	16.00
480	16.00	489	336	312	288	264	240	216	192	14.00	16.00
500	16.00	503	350	325	300	275	250	225	200	14.00	18.00
520	16.00	516	364	338	312	286	260	234	208	16.00	18.00
540	16.00	530	378	351	324	297	270	243	216	16.00	20.00
560	18.00	564	392	364	336	308	280	252	224	16.00	20.00
580	18.00	574	406	377	348	319	290	261	232	18.00	20.00
600	18.00	591	420	390	360	330	300	270	240	18.00	22.00
620	20.00	625	434	403	372	341	310	279	248	18.00	22.00
650	20.00	645	455	423	390	358	325	293	260	20.00	24.00
680	22.00	686	476	442	408	374	340	306	272	20.00	24.00
710	22.00	706	497	462	426	391	355	320	284	20.00	24.00
750	24.00	754	525	488	450	413	375	338	300	22.00	26.00
800	26.00	808	560	520	480	440	400	360	320	24.00	28.00
850	26.00	842	595	533	510	468	425	383	340	26.00	30.00
900	28.00	896	630	585	540	495	450	405	360	26.00	32.00
950	30.00	951	665	618	570	523	475	428	380	28.00	34.00
1 000	32.00	1 005	700	650	600	550	500	450	400	30.00	36.00
1 050	34.00	1 059		683	630	578	525	473	420	32.00	38.00
1 100	34.00	1 093		715	660	605	550	495	440	32.00	38.00
1 150	36.00	1 148			690	633	575	518	460	34.00	40.00
1 200	38.00	1 202			720	660	600	540	480	36.00	42.00
1 250	40.00	1 256				688	625	563	500	38.00	44.00
1 300	40.00	1 290				715	650	585	520	40.00	46.00

Table A.7 — Implement tyres on 5° tapered rims with aspect ratio 100 to 90

Nominal section width S_N	Measuring rim width code	Tyre design dimensions				Approved rim width codes	
		Section width S	mm Section height, H , at nominal aspect ratio, A_R				
			100	95	90	min.	max.
60	1.50	58	60	57	54	1.50	1.75
70	2.15	72	70	67	63	1.75	2.25
80	2.15	79	80	76	72	1.75	2.50
90	2.50	90	90	86	81	2.15	2.75
100	3.00	102	100	95	90	2.25	3.25
110	3.00	110	110	105	99	2.50	3.50
120	3.50	122	120	114	108	2.75	3.75
130	3.50	129	130	124	117	3.00	4.00
140	4.00	141	140	133	126	3.25	4.50
150	4.00	149	150	143	135	3.50	4.50
160	4.50	161	160	152	144	3.75	5.00
170	4.50	168	170	162	153	4.00	5.375
180	5.00	180	180	171	162	4.25	5.50
190	5.00	188	190	181	171	4.50	6.00
200	5.50	200	200	190	180	4.50	6.50
210	6.00	212	210	200	189	5.00	6.50
220	6.00	219	220	209	198	5.375	7.00
230	6.50	232	230	219	207	5.50	7.00
240	6.50	239	240	228	216	5.50	7.50
250	7.00	251	250	238	225	6.00	8.00
260	7.00	258	260	247	234	6.00	8.00
270	7.50	271	270	257	243	6.50	8.50
280	7.50	278	280	266	252	6.50	9.00

Annex B (normative)

Dimensional guidelines for rim widths and nominal rim diameters

Table B.1 — Rim width code and corresponding rim width, *A*

Rim width code	Rim width, <i>A</i> mm	Rim width code	Rim width, <i>A</i> mm	Rim width code	Rim width, <i>A</i> mm
5° tapered rims		5° tapered rims		15° tapered rims	
1.50	38,0	21.00	533,5	6.75	171,5
1.75 ^a	44,5 ^a	22.00	559,0	7.50	190,5
2.15	54,5	23.00	584,0	8.00	203,0
2.25 ^a	57,0 ^a	24.00	609,0	8.25	209,5
2.50	63,5	25.00	635,0	9.00	228,5
2.75 ^a	70,0 ^a	27.00	686,0	9.75	247,5
3.00	76,0	28.00	711,0	10.50	266,5
3.25 ^a	82,5 ^a	30.00	762,0	11.75	298,5
3.50	89,0	31.00	787,5	13.00	330,0
3.75 ^a	95,5 ^a	33.00	838,0	14.00	355,0
4.00	101,5	36.00	914,5	15.00	381,0
4.25 ^a	108,0 ^a	38.00	965,0	16.00	406,5
4.50	114,5	40.00	1 016,0	18.00	457,0
5.00	127,0	42.00	1 067,0	20.00	508,0
5.375 ^a	136,5 ^a	44.00	1 117,5	22.00	559,0
5.50	139,5	46.00	1 168,5	24.00	609,5
6.00	152,5	48.00	1 219,0	26.00	660,5
7.00	178,0			28.00	711,0
8.00	203,0			30.00	762,0
9.00	228,5			32.00	813,0
10.00	254,0			34.00	863,5
11.00	279,5			36.00	914,5
12.00	305,0			38.00	965,0
13.00	330,0			40.00	1 016,0
14.00	355,5			42.00	1 067,0
15.00	381,0			44.00	1 117,5
16.00	406,5			46.00	1 168,5
17.00	432,0				
18.00	457,0				
19.00	482,5				
20.00	508,0				
^a To be used only for the calculation of min. and max. approved rims of implement tyres with aspect ratio ≤90					

Table B.2 — Nominal rim diameter code and rim diameter, D_r

Nominal rim diameter code ^a	Rim diameter, D_r mm	Nominal rim diameter code ^a	Rim diameter, D_r mm	Nominal rim diameter code	Rim diameter, D_r mm
5° tapered rims		5° tapered rims		15° tapered rims	
4	102	26	660	14.5	368
6	152	28	711	15.5	394
8	203	30	762	16.5	419
(9)	(229)	32	813	17.5	445
10	254	34	864	19.5	495
12	305	36	914	22.5	572
(13)	(330)	38	965	24.5	622
14	356	40	1 016	26.5	673
15	381	42	1 067	28.5	724
(15.3)	(389)	44	1 118	30.5	775
16	406	46	1 168		
(17)	(432)	48	1 219		
18	457	50	1 270		
20	508	52	1 321		
22	559	54	1 372		
25	635				
^a Values in parentheses are not recommended.					

Annex C

(informative)

Approved rim contours for metric agricultural tractor drive wheel and implements tyres on 5° and 15° tapered rims

NOTE TW rims are approved wherever DW rims are shown.

Table C.1 — Standard metric radial and diagonal tyres on 5° and 15° tapered rims for agricultural tractor drive wheels

Tyre section code	Nominal rim diameter code	Approved rim contours
95 series tyres		
180/95	40	W6
210/95	32, 36, 44	W6, W7
230/95	32, 36, 40, 44	W7, W8
	48	W8
250/95	34, 50	W8
270/95	32, 36, 38, 42, 44, 46	W8, W8L, W9, W10, W10A, DW10, DW10A
	48, 54	W8, W9, W10, W10A
290/95	34	W10
	42	W9, W10, DW10, W11
300/95	46, 52	W9, W10, DW10, W10A, W11, DW11
90 series tyres		
270/90	46	W8, W9, W10, W10A
290/90	38	W10
	42	W9, W10, W10A
300/90	32, 50	W9, W10, W11, W10A
	42	W9, W10, W10A
320/90	46, 50	W10A, DW10A
	54	W10A
380/90	46	W12B, W13B, DW13B
	50	DW12A
	54	W12A
420/90	30	W13, W13A, W14L
85 series		
240/85	24, 28	W7, W8
250/85	24, 28	W7, W8, W9
270/85	50	W8, W9, W10
280/85	20, 24	W9, W10
	28	W9, W10, DW10

Table C.1 (continued)

Tyre section code	Nominal rim diameter code	Approved rim contours
320/85	24	W9, W10, W10H, W11
	28	W9, W10, W11
	20, 32, 34	W10, W10L, W11, DW11
	36	W9, W10, W11
	38	W10, W11, DW10A, DW11A
340/85	24	W11, W12
	28	W11, W12
	36	W11, W12
	38	W11, W12
	46	W10, W12A, DW10A, DW12A
380/85	24	W11, W12, W13
	28	W11, W12, W13
	30, 34	W12, W13, DW13A,
420/85	24	W13, W14L, W15L
	28	W12, W13, W14L, W15L
	30	W13, DW13A, W14L, W15L, DW15A
	34	W13, W14L, W15L, W15A, DW14A
	38	W13, W14L, W15A, W15L, DW15A
460/85	26, 30	W14L, W15L, DW15L, W16L, DW16L
	34, 38, 42	W14L, W15L, W16A, W16L, DW16
480/85	26	W15L, W16, DW14A, DW15A
480/85	34	W15L, W15A, W16L, W16A,
520/85	34	DW14A, DW15A, DW16A, W16L, W15L
520/85	38	W16A, W18A, 16DD, 18DD, DW16A, DW16L, DW18A, DW18L
	42	W16A, DD16, DW16A, W18A, DD18, DW18A
	46	W16A, W16L, DW16A, DD16, W18A, W18L
	50	W16A, DW16A
580/85	42	W18A, DW18A, DW20B
650/85	38	DW23B, MW23B, DW23B, MW23B
	42	DW23B, MW23B, DW20B, MW20B
680/85	32	DW20B, DW21B
80 series		
210/80	16	W6, 6.00F, 6LB, 6½L, W7
250/80	16, 18	W7, W8, W9, 9, 9.00
270/80	36	W8, W9, W10
260/80	20	W8, W9, 9
340/80	20	11, 12, 11SDC, 12SDC, W10, W11
380/80	38	W12
420/80	46	W12A, W13A, W13L, DW13A, W14L, W15L
440/80	24, 28	W13L, W14L, W15L, DW13, DW13L, DW14L, DW15L

Table C.1 (continued)

Tyre section code	Nominal rim diameter code	Approved rim contours
480/80	26	DW15A, W15L, W16L
	38	W15L, W15A, W16A, DW15A, DW16A, DD16
	42, 46	W15A, W15L, W16A, DW16A, DD16
	50	W15A, DW15A, DW16A
850/80	32	DW27B, MW28B
75 series		
270/75	32	W8, W9, W10
320/75	24	W10, W11
340/75	20	W10, W10L, W11
380/75	20, 24	W11, W12, W13
400/75	38	W12, W13, W14L
480/75	24, 28, 34	W14L, W15L, W16L
540/75	26, 28, 32, 34	W16L, W18L
580/75	38	W18L
620/75	26, 30, 34, 42	DW20B
650/75	32	DW21B, DH21HB
	34	DW20B, DW21B
	38	DW20B, DW21B, DW23B
680/75	32	DW20B, DW21B, DH21HB
710/75	32, 34, 42	DW23B, MW23B, DW24B, DW25B
800/75	32	DW25B, DW27B, DH27B, DW28B
850/75	42	DW28B, DW27B
900/75	32	DW30B, DH31H
70 series		
200/70	16	W6
240/70	16	W8, W8L, W9
260/70	16	W8, W8L, W9
260/70	18, 20	W8, W9, 9
280/70	16	W8, W8L, W9, W10
280/70	18	W8, W9, W10
280/70	20	W9, W10
300/70	16, 18, 20, 24	W9, W10
320/70	20, 24, 28	W9, W10, W11
360/70	20, 24, 28	W10, W11, W12
380/70	20, 24, 28	W11, W12, W13
420/70	24, 28, 30	W12, W13, DW13A, W14L
460/70	24	W15L, W16L, DW14L, DW15L, DW16L,
480/70	24, 26, 34, 38	W14L, W15L, DW15A, W16L, DW16A
	28, 30	W14L, W15L, DW15A, W16L, W15A, W16A
	34	W15A, W15L, DW15A, W16A, DW16A, W16L
	38	W15L, W16L, DW16A, DD16
500/70	24, 34	W15L, W16L, DW15L, W16A, DW16A, DW16L

Table C.1 (continued)

Tyre section code	Nominal rim diameter code	Approved rim contours
520/70	26, 30, 34	W15L, DW15A, W16L, DW16A, W18L
	38	W15L, DW15A, W16L, W16A, W18A, DW16A, W18L, DD16, DD18
540/70	34	W16L, W18L
580/70	26	DW18L
	38, 42	W18A, W 18L, DW18A, DD18
600/70	28, 30	W18L, DW18L, DW18A, DW20B
	38	DW20B
620/70	26, 28, 38, 42, 46	DW20B, MW20B
650/70	26, 30	DW20B, DW21B
680/70	32, 34	DW20B, DW21B
710/70	38, 42	DW23B, MW23B, DW24B, DW25B, MW25B
800/70	32, 38, 42	DW25B, MW25B, DW27B, MW28B
65 series		
240/65	16	W8, W8L, W9
260/65	16	W8, W8L, W9
280/65	16	W8, W8L, W9
300/65	16, 18	W9, W10
320/65	16, 18	W9, W 10, W11
340/65	18, 20	W10, W11, W12
420/65	20, 24, 28	W11, W12, W13
440/65	20, 24, 28	W13, W 14L
480/65	24, 28	W14L, W15L
540/65	24, 26, 28, 30, 34	W16A, W16L, DW16A, W18A, W18L, DW18A
	38	W16A, W16L, DW16A, W18A, W18L, DW18A, DD16, DD18
600/65	30	W18L, DW20B
	28, 32, 34	W18L, DW20B, MW20B
	38	W18L, DW20B, MW20B, DD18
650/65	34, 38, 42, 46	DW20B, MW20B
750/65	26	DW23B, DW25B
800/65	32	DW25B, DW27B, DH27HB
900/65	32	DW27B, DH27HB, DW28B, DW30B, DH31HB
60 series		
400/60	26.5	AG13.00
500/60	26.5	AG16.00
600/60	30.5	AG20.00
800/60	32	DH27HB, DW25B
900/60	32	DW27B, DH27HB, DW28B, DW30B, DW31B, DH31HB
	42	DW28B, DW30B, MW25B, MW30B
55 series		
400/55	17.5	AG11.75
600/55	26.5, 30.5	AG20.00

Table C.1 (continued)

Tyre section code	Nominal rim diameter code	Approved rim contours
800/55	30.5	AG28.00
710/55	30	DW21B, DW23B, DW24B, DW25B
750/55	26, 30	DW23B, DW24B, DW25B, DW27B
900/55	32	DW27B, DH27HB, DW28B, DW30B, DH31HB
50 series		
750/50	30.5	AG24.00
750/50	26	DW23B, DW25B
900/50	42	DW28B, MW28B, DW30B, MW30B
1000/50	25	36.0TH
1050/50	32	36.0VA, DW36B
1100/50	32	36.0VA
1250/50	32	DW44B, 44DWM, DH44B, DH44HB
45 series		
750/45	30.5	AG24.00
1100/45	46	DH38HB

Table C.2 — IF and VF metric radial tyres on 5° tapered rims for agricultural tractor drive wheels

Tyre section code	Nominal rim diameter code	Approved rim contours
105 series		
# 380/105	50	DW13B, W13B, W12B
95 series		
# 480/95	50	DW16B
90 series		
# 380/90	46	DW13B, W13, W12
85 series		
# 380/85	46	W12, W13
# 420/85	34	W13, W14L, DW14A
	38	W15A
	50	DW14A, W15L, W15A
# 520/85	34	W18L, W18A
	46	W16A, W18A, DD16
# 650/85	38	DW23B, MW23B
# 680/85	32	DW21B, DH21B, DH21HB
# 710/85	38	DW25B, MW25B,
80 series		
# 480/80	46	W16A, W16L, DD16, DW16A, DW16B
	50	W15A, W15B, DW15A, DW15B, DW16A, DW16B

(#) "Improved flexion tyres" are identified by means of the letters "IF" added in front of the size designation (e.g. IF480/70R38); "very high flexion tyres" are identified by means of the letters "VF" added in front of the size designation (e.g. VF480/70R38).

NOTE IF and VF tyres have the same approved rims.

Table C.2 (continued)

Tyre section code	Nominal rim diameter code	Approved rim contours
75 series		
# 620/75	30	DW21B, DW23B,
# 650/75	30	DW23B
# 710/75	42	DW25B
# 850/75	42	DW28B
70 series		
# 600/70	30	DW20B, DW21B
# 710/70	38, 42	DW25B, MW25B
# 800/70	38	DW27B, MW28B
60 series		
# 480/60	28	W16L, DW16L, DW16A
# 520/60	28	W18L, DW18L, DW18A
# 600/60	28, 30	DW20B
	34	DW20B, DW21B
	38	DW20B, MW20B
# 650/60	38	DW23B, MW23B
# 710/60	42	DW25B, MW25B
(#) "Improved flexion tyres" are identified by means of the letters "IF" added in front of the size designation (e.g. IF480/70R38); "very high flexion tyres" are identified by means of the letters "VF" added in front of the size designation (e.g. VF480/70R38). NOTE IF and VF tyres have the same approved rims.		

Table C.3 — Implement radial and diagonal tyres on 5° and 15° tapered rims

Tyre section code	Nominal rim diameter code	Approved rim contours
95 series		
100/95	6	2.50C, 3.00D
110/95	6, 8	2.50A, 2.50C, 3.00D
210/95	16	5.00F, 5K, 5.50F, 6.00F, 6LB
90 series		
100/90	8	2.50A, 2.50C, 3.00D
110/90	4, 8	2.50A, 2.50C, 3.00D
180/90	16	4.00E, 4.50E, 4½K, 5.00F
190/90	16	4.50E, 4½K, 5.00F
200/90	16	4.50E, 5.00F, 5.50F
260/90	13	6.00F
85 series		
500/85	24	W15L, 16.00, W16L
80 series		
300/80	15.3	9.00
320/80	15.3	9.00
320/80	18	W9, W10, W10L, 9, 11
360/80	20	W11, W12, 11SDC, 12SDC, 11, 12
400/80	24	13, 13SDC
440/80	24	W13, W14L, W15L

Table C.3 (continued)

Tyre section code	Nominal rim diameter code	Approved rim contours
75 series		
100/75	5	3.00A
270/75	16	W8, W8L, W9, W10, 9
70 series		
230/70	16	W7, W8, W8L, 7, 7.00
260/70	16	W9, W8L
320/70	16.5	9.75
360/70	16	11.00
400/70	20	13, 13SDC
400/70	20	12SDC, 13, 13SDC, 14, W13
440/70	24	W13, W14L, W15L
460/70	24	W13, W14L, W15L, W16L
500/70	24	W14L, W15L, W16L
65 series		
100/65	6	3.00A
340/65	18	11, W11
360/65	16	11
580/65	22.5	AG16.00
650/65	30.5	AG20.00
620/60	26.5, 30.5	AG20.00
650/60	34	DW23B, MW23B
750/60	30.5	AG24.00
800/60	34	DW25B
55 series		
190/55	8	5.50A, 5.375 I
340/55	16	11.00
380/55	17	13.00
400/55	22.5	AG11.75, AG13.00
600/55	22.5, 26.5	AG20.00
620/55	22.5, 26.5	AG20.00
650/55	30.5	AG20.00
680/55	26.5	AG20.00
710/55	34	DW23B
750/55	22.5, 26.5	AG24.00
800/55	34	DW25B
50 series		
220/50	6	7.00A
250/50	10	7.00I, 8.00I, 8.50I
400/50	15	13.00LB
500/50	17	16.00
520/50	17	16.00
600/50	22.5, 26.5	AG20.00
620/50	22.5, 26.5	AG20.00
650/50	22.5, 30.5	AG20.00

Table C.3 (continued)

Tyre section code	Nominal rim diameter code	Approved rim contours
710/50	26.5, 30.5	AG24.00
750/50	30.5	AG24.00
800/50	34	DW25B
850/50	30.5	AG28.00
45 series		
400/45	15	13LB
400/45	15.5	AG13.00
480/45	17	16.00
500/45	22.5	AG16.00
560/45	22.5	AG16.00
650/45	22.5	AG20.00
710/45	22.5, 26.5	AG24.00
750/45	22.5, 26.5	AG24.00
800/45	26.5, 30.5	AG28.00
850/45	30.5	AG28.00
40 series		
620/40	22.5	AG20.00
710/40	22.5	AG24.00
850/40	26.5	AG28.00

Annex D (informative)

Rolling circumference (RC), rolling circumference index (RCI) and speed radius index (SRI) values for metric drive wheel tyres

Table D.1 — Tyres for agricultural tractor drive wheels

Tyre size designation	Nominal RC		RCI	SRI
	R-1 mm	R-1W mm		
105 series				
380/105R50	6233	6229	48	1025
95 series				
180/95R40	4105	4105	40	675
210/95R32	3658	3656	38	600
210/95R36	3968	3967	40	650
210/95R44	4587	4586	42	750
230/95R32	3770	3768	39	600
230/95R36	4081	4079	40	650
230/95R40	4391	4389	42	700
230/95R44	4700	4699	43	750
230/95R48	5009	5008	44	800
250/95R34	4037	4034	40	650
250/95R50	5277	5276	45	875
270/95R32	3994	3990	40	650
270/95R36	4305	4302	41	700
270/95R38	4461	4458	42	725
270/95R42	4771	4769	43	775
270/95R44	4926	4924	44	800
270/95R46	5080	5079	44	825
270/95R48	5235	5234	45	875
270/95R54	5699	5698	47	925
290/95R34	4262	4258	41	675
300/95R42	4936	4934	42	800
300/95R46	5247	5244	45	875
300/95R52	5711	5709	47	925
90 series				
270/90R46	4997	4996	44	800
290/90R38	4484	4481	42	725
290/90R42	4794	4792	43	775
300/90R32	4070	4066	40	650
300/90R50	5467	5465	46	875
320/90R42	4954	4951	44	800