# CATALOGUE OF PRODUCTS

2017





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#### **Special modifications of tyres**

The tyres supplied for the needs of the Ministry of Defense of the Russian Federation and other military authorities, according to GOST 13298, GOST 5513, GOST 4754, have the following indexes:

- -Guaranteed life;
- -Guaranteed storage life.

A number of models produced for the needs of the Ministry of Defense of the Russian Federation and other military authorities can also differ from other types of tyres produced in series by other technical characteristics.

For example:

- -Load indexes:
- -Speed indexes.

Production of the indicated tyres requires readjustment of the equipment. The order for production can be accepted not less than 30 days before the date of the beginning of production.

Tyres produced in tropic and arctic version can also have technical characteristics different from those produced in series. Due to the readjustment of the equipment, the order for production can be accepted not less than 30 days before the date of the beginning of production.

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#### On all roads of the country

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Modern technologies make it possible to minimize the costs of production and improve the quality. Thanks to automatization of production management processes, as well as to the work of specialists of the plant NORTEC at the optimization of the costs, it became possible to offer good prices to clients. The company is planning to keep the orientation to production of accessible products of worth quality also in the future.



NORTHES'



Tyre size	800/65R32
Standard description	TS 38.304-184
Tyre pattern	Cross country
Ply rating	U A
Tyre weight, not more, kg	270,7 TL / 273,9TT
Load bearing capacity index	167A8/164B/172A8/178A8
Recommended rim	DW27 DW25B DW27B
Exterior diameter, mm	1820±27
Section width, mm, not more	798
Static radius, mm	830±21
$Q_{max}$ kgf/ $Q_{ec}$	5450/5000/6300/7500
$P_o$ at $Q_{max_s}$ kPa/ P at $Q_{ec}$	160/240/240
V <sub>max</sub> , km/h	40/50/40/40
Design	TL TT
Use	Leading wheels of harvesters JOHN DEERE, COMMANDOR, HOLLAND, LEXION and other agricultural technique.

### MIRRERS



Tyre size	650/75R32
Standard description	TS 38.304-164
Tyre pattern	Cross country
Ply rating	UA.
Tyre weight, not more, kg	258/259.9/245
Load bearing capacity index	167A8/164B/172A8/169B
Recommended rim	DW21A (DW20A)
Exterior diameter, mm	1789±1.5%
Section width, mm, not more	645
Static radius, mm	803±2.5%
$Q_{max}$ kgf/ $Q_{ec}$	5450/5000 6300/5800
P <sub>o</sub> at Q <sub>max</sub> , kPa/ P at Q <sub>ec</sub>	2,4/3,2
V <sub>max</sub> , km/h	40/50
Design	TL
Use	Leading wheels of harvesters JOHN DEERE, COMMANDOR, HOLLAND, LEXION and other agricultural technique.

NITRARES'



Tyre size	30.5L-32		
Standard description	TS 38.304-153		
Tyre pattern	Cross country		
Ply rating	12 16 18		
Tyre weight, not more, kg	240	264,9	264,9
Load bearing capacity index	162A6	169A8	170A6
Recommended rim	DW27		
Exterior diameter, mm	1840±25 1840±25 1830		1830±25
Section width, mm, not more	775		
Static radius, mm	830±12		
Q <sub>max</sub> kgf	4750	5750	6000
P <sub>o</sub> at Q <sub>max</sub> , kgf/sm <sup>2</sup>	140 kPa	220 kPa	160 kPa
V <sub>max</sub> , km/h	30	40	30
Design	TT		
Use	Leading wheels of grain harvesters of DON family, forage harvester KZS-1218 and other domestic and foreign agricultural technique		amily, S-1218 and

### NORTES"



Tyre size	30.5R32
Standard description	TS 38.304-173
Tyre pattern	Cross country
Ply rating	12/16
Tyre weight, not more, kg	300.8
Load bearing capacity index	167A6/172A8
Recommended rim	27.00-32 (DW27)
Exterior diameter, mm	1830±1.5%
Section width, mm, not more	775
Static radius, mm	830±2.5%
Q <sub>max</sub> kgf	4745/6300
P <sub>o</sub> at Q <sub>max</sub> , kgf/sm <sup>2</sup>	170/240 kPa
V <sub>max</sub> , km/h	30/40
Design	TT
Use	For leading wheels of agricultural tractors.

NORTES'

ДФ-16А



Tyre size	28.1-25	
Standard description	TS 38.304-229	
Tyre pattern	Cross country	
Ply rating	18 22	
Tyre weight, not more, kg	286	
Load bearing capacity index	176	185
Recommended rim	24.00 (demountable)	
Exterior diameter, mm	1730	1730
Section width, mm, not more	720	710
Static radius, mm	778	768
$Q_{max}$ kgf/ $Q_{ec}$	7100	9250
$P_o$ at $Q_{max}$ , kgf/sm <sup>2</sup> /P at $Q_{ec}$	2,6	3,6
V <sub>max</sub> , km/h	A8(40)	B(50)
Design	TT	
Use	Designed for machinery di manufacturin tion, forestry	uring ng (construc-

#### MIRTERS'

#### NorTec TA-01



2400/3200

TL

2.4 kgf/sm<sup>2</sup>

40/50

TL

2.0 kgf/sm<sup>2</sup>

65/40

P<sub>o</sub> at Q<sub>max</sub>, kgf/sm<sup>2</sup>

V<sub>max</sub>, km/h

Design

<sup>710/70</sup>R42 leading wheels of harvesters NEW HOLLAND FR 9040-9090, CR 9060-9060 and tractors K-8140 and other domestic and foreign agricultural technique. 520/85R42 leading wheels of tractors of the firms John Deere, Case, New Holland, Valtra, Claas and other technique.

<sup>710/70</sup>R38 leading wheels of large tractors MTZ-2522, firms John Deere, Case, Class Ares and others.

NORTHES'



Tyre size	5	23.1	.R26	
Standard description	TS 38.304-209			
Tyre pattern	Cross country			
Ply rating	C) A.			
Tyre weight, not more, kg	159	159	205	
Load bearing capacity index	148	153	166	168
Recommended rim	DW20			
Exterior diameter, mm	1605±24			
Section width, mm, not more	587			
Static radius, mm	715±18			
$Q_{max}$ kgf/ $Q_{ec}$	1350	3650	5300	5600
$P_o$ at $Q_{max}$ , kPa/ P at $Q_{ec}$	1.2	1.6	3.2	2.8
V <sub>max</sub> , km/h	A8(40) A5(2		A5(25)	
Design	TT			
Use	Designed for tractors and agricultural machinery		tors	

### NURTES"



Tyre size	21.3/70R 24	
Standard description	TS 38.304-159	
Tyre pattern	Cross country	
Ply rating		
Tyre weight, not more, kg	129.7/133.7	
Load bearing capacity index	140A6 TT/155A6 TT	
Recommended rim	DW 18	
Exterior diameter, mm	1400±1.5%	
Section width, mm, not more	540	
Static radius, mm	640±2.5%	
Q <sub>max</sub> kgf	2500/3875	
P <sub>o</sub> at Q <sub>max</sub> , kPa	160/240	
V <sub>max</sub> , km/h	30	
Design	TT	
Use	For leading wheels of agricultural tractors.	

NorTec H-05

ияв-79



Tyre size	21.3-24	18.4-24	
Standard description	TS 38.104-155 ИЯВ-79	TS 38.304-147 NorTec H-05	
Tyre pattern	Cross country		
Ply rating	10	8/10/12	
Tyre weight, not more, kg	126,7	94,4/102.5/106,5	
Load bearing capacity index	140	136/150/158	
Recommended rim	DW18	DW16	
Exterior diameter, mm	1400±21		
Section width, mm, not more	540 467		
Static radius, mm	640±16	623±16	
$Q_{max}$ kgf/ $Q_{ec}$	2500	2240/3350/4250	
$P_{\circ}$ at $Q_{\text{max}}$ , kPa/ P at $Q_{\text{ec}}$	160	140/230/300	
V <sub>max</sub> , km/h	30		
Design	тт		
Use	For exploitation at tracto and self-propelled harvesters domestically and for export.		

#### NITRY 25'



Tyre size	21.3/70-24
Standard description	TS 38.304-206
Tyre pattern	Cross country
Ply rating	10
Tyre weight, not more, kg	126,7
Load bearing capacity index	140
Recommended rim	DW18
Exterior diameter, mm	1400±21
Section width, mm, not more	540
Static radius, mm	640±16
$Q_{max}$ kgf/ $Q_{ec}$	2500
$P_o$ at $Q_{max}$ , kPa/ P at $Q_{ec}$	160
V <sub>max</sub> , km/h	30
Design	TT
Use	For exploitation at tractors and self-propelled harvesters for performance of work in agricultural industry.

#### NITRYPES'



Tyre size	23.1/26
Standard description	TS 38.304-141
Tyre pattern	Cross country
Ply rating	12
Tyre weight, not more, kg	195
Load bearing capacity index	153
Recommended rim	DW20
Exterior diameter, mm	1621±24
Section width, mm, not more	605
Static radius, mm	735±18
Q <sub>max</sub> kgf	3610
P <sub>o</sub> at Q <sub>max</sub> , kgf/sm <sup>2</sup>	1.7
V <sub>max</sub> , km/h	30
Design	TT
Use	23.1-26 rear driving wheels of tractors K-700 and harvesters Don-680

### MIRRERS



Tyre size	18.4R38
Standard description	TS 38.304-160
Tyre pattern	Cross country
Ply rating	8/10/16
Tyre weight, not more, kg	155.2/166.7/81.1
Load bearing capacity index	146/152/165
Recommended rim	W16L (DW16L, W15L)
Exterior diameter, mm	1750±1.5%
Section width, mm, not more	467
Static radius, mm	790±2.5%
Q <sub>max</sub> kgf/ Q <sub>ec</sub>	3000/3550/5150
P <sub>o</sub> at Q <sub>max</sub> , kPa/ P at Q <sub>ec</sub>	1.6/2.0/3.2
V <sub>max</sub> , km/h	40
Design	TT
Use	For leading wheels of agricultural tractors.

### NORTHES'



Tyre size	13.6-20	
Standard description	TS 38.304-144	
Tyre pattern	Cross country	
Ply rating	8	
Tyre weight, not more, kg	47.75	
Load bearing capacity index	120	
Recommended rim	W12 (DW12, DW13, W13)	
Exterior diameter, mm	1060±1.5%	
Section width, mm, not more	345	
Static radius, mm	480±2.5%	
$Q_{max}$ kgf/ $Q_{ec}$	1400	
P <sub>o</sub> at Q <sub>max,</sub> kPa/ P at Q <sub>ec</sub>	160	
V <sub>max</sub> , km/h	40	
Design	TT	
Use	For leading wheels of universal tractors Belarus.	

#### MIRTER'



		A
Tyre size	28LR26	
Standard description	TS 38.304-219	
Tyre pattern	Cross country	
Ply rating	7	٠, ٨,
Tyre weight, not more, kg	211.7±7/220.5±7	211±7/226±8
Load bearing capacity index	157	166
Recommended rim	DW	25A
Exterior diameter, mm	1607	7±24
Section width, mm, not more	71	19
Static radius, mm	719±18	
$Q_{max}$ kgf/ $Q_{ec}$	4125	5300
$P_{o}$ , at $Q_{max}$ , kgf/sm <sup>2</sup> / P at $Q_{ec}$	1.6	2.4
V <sub>max</sub> , km/h	A8(	40)
Design	TT/	/TL
Use	Designed for le of grain harves KZS-10, UES-2- and other agric	ters KZR-10, 250A, Don-091

#### NORTES'



Tyre size	28.1R26
Standard description	TS 38.304-179
Tyre pattern	Cross country
Ply rating	8
Tyre weight, not more, kg	271,2/283,9
Load bearing capacity index	158/173
Recommended rim	DW24
Exterior diameter, mm	1735±1.5%
Section width, mm, not more	770
Static radius, mm	810±2.5%
$Q_{max}$ kgf/ $Q_{ec}$	4200/6500
$P_o$ , at $Q_{max}$ , kgf/sm <sup>2</sup> / P at $Q_{ec}$	170/240 kPa
V <sub>max</sub> , km/h	40
Design	TT
Use	For leading wheels of tractors Kirovets K-701, Kirovets K- 700A, Kirovets K-744P1, grain harvesters ZS-10K.

### NORTES'



Tyre size	420/70R24
Standard description	TS 38.304-130
Tyre pattern	Cross country
Ply rating	UA.
Tyre weight, not more, kg	82.6
Load bearing capacity index	130/127
Recommended rim	W13(W12, DW12, DW13W14L, DW14L)
Exterior diameter, mm	1245±19
Section width, mm, not more	418
Static radius, mm	569±14
$Q_{max}$ kgf/ $Q_{ec}$	1900/1750
P <sub>o</sub> , kgf/sm <sup>2</sup>	1.6
V <sub>max</sub> , km/h	40/50
Design	TL
Use	Front wheels of tractors MTZ and New Holland, leading wheels of agricultural machinery.

#### NITRARES'



			45 0 /75
Tyre size	16.9/R38	18.4/R34	16.0/70- 20/MP
Standard description	TS 38.304-142	TS 38.304-177	TS 38.304-156
Tyre pattern	Cr	oss count	ry
Ply rating	8	8/10/14	8/10/12
Tyre weight, not more, kg	131.5	142,6/147,5 /153,5	64.3
Load bearing capacity index	141	144/148 /157	127/150 /153
Recommended rim	W15L (W14L, DW14L)	DW16 (DW15)	DW13 (DW12, W12)
Exterior diameter, mm	1675±1.5%	1645±1.5%	1075±1.5%
Section width, mm, not more	429	467	405
Static radius, mm	770±2.5%	760±1.5%	490±2.5%
Q <sub>max</sub> , kgf	2575	2800/3150 /4125	1750/3355 /3670
P <sub>o</sub> at Q <sub>max</sub>	1.6 kgf/sm²	160/200 /300 kPa	170/300 /350 kPa
V <sub>max</sub> , km/h	40	40	30
Design	TT	TT	TT
Use	of univer	of drawbar	Leading wheels of tractors and agricultural machinery.

КФ-97



Tyre size	16.5/70-18
Standard description	TS 38.304-089
Tyre pattern	Universal
Ply rating	10/14
Tyre weight, not more, kg	64,3
Load bearing capacity index	149/145/153/150
Recommended rim	330-462
Exterior diameter, mm	1090
Section width, mm, not more	430
Static radius, mm	490
$Q_{max}$ kgf/ $Q_{ec}$	3250
$P_{o'}$ at $Q_{max'}$ kgf/sm <sup>2</sup> / P at $Q_{ec}$	370
V <sub>max</sub> , km/h	30
Design	TT
Use	Bearing wheels of tractor trailers 1pts-9, 3pts-12, machines MVU-85 with the loading capacity of 9-12 t.

### КФ-105А



	45 5/55 40
Tyre size	15.5/65-18
Standard description	TS 38.304-110
Tyre pattern	Universal
Ply rating	10
Tyre weight, not more, kg	56,6
Load bearing capacity index	137
Recommended rim	330-462
Exterior diameter, mm	992±1.5%
Section width, mm, not more	395
Static radius, mm	450±1.5%
Q <sub>max</sub> kgf	2300
P <sub>o</sub> , at Q <sub>max</sub> , kgf/sm <sup>2</sup>	350 kPa
V <sub>max</sub> , km/h	30
Design	TT
Use	Bearing wheels of tractor trailers 2PTS-6 designed for works in agricultural industry and harvesters SK-4.

### Ф-2АД



Tyre size	15.5-38
Standard description	TS 38.304-058
Tyre pattern	Cross country
Ply rating	8
Tyre weight, not more, kg	86,8
Load bearing capacity index	137/133
Recommended rim	DW14L
Exterior diameter, mm	1575±1.5%
Section width, mm, not more	394
Static radius, mm	750±2.5%
Q <sub>max</sub> kgf	2300/2060
P <sub>o</sub> , at Q <sub>max</sub> , kgf/sm <sup>2</sup>	180 kPa
V <sub>max</sub> , km/h	30/35
Design	TT
Use	All models of tractors MTZ, YuMZ-6 except of MTZ-80, MTZ-82 for leading wheels.

#### NORTES'



Tyre size	15.5R38
Standard description	TS 38.304-157
Tyre pattern	Cross country
Ply rating	8
Tyre weight, not more, kg	85,6
Load bearing capacity index	134
Recommended rim	W14L
Exterior diameter, mm	1570±1.5%
Section width, mm, not more	394
Static radius, mm	730±2.5%
Q <sub>max</sub> kgf	2120
P <sub>o</sub> , at Q <sub>max</sub> , kgf/sm <sup>2</sup>	1.6
V <sub>max</sub> , km/h	40
Design	TT
Use	Leading wheels of tractors MTZ-80, MTZ-82, MTZ-50, MTZ-52, YuMZ-64 of drawbar category 1.4.

### NORTES'



Tyre size	380/70R24
Standard description	TS 38.304-129
Tyre pattern	Cross country
Ply rating	(-) A
Tyre weight, not more, kg	69.6
Load bearing capacity index	125
Recommended rim	DW13, W13
Exterior diameter, mm	1190±1.5%
Section width, mm, not more	380
Static radius, mm	540±2.5%
Q <sub>max</sub> kgf	1650
P <sub>o</sub> , at Q <sub>max</sub> , kgf/sm <sup>2</sup>	1.6
V <sub>max</sub> , km/h	40
Design	TT
Use	Tractors JOHN DEERE 6100 and leading wheels of other tractors, self-propelled toolbar and agricultural machinery at field work.

NORTHES'



Tyre size	360/70R24	
Standard description	TS 38.304-128	
Tyre pattern	Cross country	
Ply rating	(-) A	
Tyre weight, not more, kg	64.8	
Load bearing capacity index	122	
Recommended rim	W11	
Exterior diameter, mm	1154±1.5%	
Section width, mm, not more	357	
Static radius, mm	528±2.5%	
Q <sub>max</sub> kgf	1500	
P <sub>o</sub> , at Q <sub>max</sub> , kgf/sm <sup>2</sup>	1.6	
V <sub>max</sub> , km/h	40	
Design	TT	
Use	Leading wheels of tractors MTZ-922 1021, -1025, 820, -892, self-propelled toolbar and other domestic and foreign agricultural equipment.	

NorTec TA-01



Tyre size	14.9R24
Standard description	TS 38.304-131
Tyre pattern	Cross country
Ply rating	(-) A
Tyre weight, not more, kg	79.8
Load bearing capacity index	126/123
Recommended rim	W13
Exterior diameter, mm	1245±19
Section width, mm, not more	378
Static radius, mm	575±14
Q <sub>max</sub> kgf	1700/1550
P <sub>o</sub> , at Q <sub>max</sub> , kgf/sm <sup>2</sup>	1.6
V <sub>max</sub> , km/h	15
Design	TT
Use	Leading wheels of tractors Foton FT500A, FT504A, Belarus 1221, steering wheels of tractors Valtra Valmet T6, Belarus 320/321 and harvesters Claas, Dominator 3K3, Don, Polesye, Rostselmash.

#### MURUES'



Tyre size	13.6-38	
Standard description	TS 38.304-162	
Tyre pattern	Cross country	
Ply rating	6	
Tyre weight, not more, kg	62	
Load bearing capacity index	129	125
Recommended rim	DW12; W12	
Exterior diameter, mm	770	
Section width, mm, not more	350	
Static radius, mm	738	
$Q_{max}$ kgf/ $Q_{ec}$	1850	1660
$P_{o'}$ at $Q_{max'}$ kgf/sm <sup>2</sup> / P at $Q_{ec}$	1,6	
V <sub>max</sub> , km/h	A6(30)	A7(35)
Design	TT	
Use	Designed for tractors and agricultural machinery.	

#### NIRTES"

### NorTec IM-06



Tyre size	13.0/75-16	
Standard description	TS 38.304-175	
Tyre pattern	Universal	
Ply rating	8	14
Tyre weight, not more, kg	32.4	36.6
Load bearing capacity index	130	141
Recommended rim	W11	
Exterior diameter, mm	895±13	
Section width, mm, not more	336	
Static radius, mm	402±10	
$Q_{max}$ kgf/ $Q_{ec}$	1900	2575
P <sub>o</sub> , at Q <sub>max</sub> , kgf/sm <sup>2</sup> / P at Q <sub>ec</sub>	2.4	3.8
V <sub>max</sub> , km/h	30	
Design	TT	
Use	For bearing wheels of harvesters, reapers, trailers.	

#### NORTES'

### NorTec TS-07



Tyre size	12.4L-16	
Standard description	TS 38.304-174	
Tyre pattern	Cross country	
Ply rating	8	
Tyre weight, not more, kg	37.6	
Load bearing capacity index	111	
Recommended rim	W11-16	
Exterior diameter, mm	930±1.5%	
Section width, mm, not more	327	
Static radius, mm	425±2.5%	
Q <sub>max</sub> kgf/ Q <sub>ec</sub>	1085	
P <sub>o</sub> , at Q <sub>max</sub> , kPa	220	
V <sub>max</sub> , km/h	30	
Design	TT	
Use	For leading wheels of small agricultural tractors, walkbehind tractors, universal loading machines.	

Л-163



Tyre size	12-16
Standard description	TS 38.304-096
Tyre pattern	Universal
Ply rating	8
Tyre weight, not more, kg	32.4
Load bearing capacity index	126
Recommended rim	W8
Exterior diameter, mm	923±10
Section width, mm, not more	325
Static radius, mm	411±7
$Q_{max}$ kgf/ $Q_{ec}$	1700
P <sub>o</sub> , at Q <sub>max</sub> , kPa	250
V <sub>max</sub> , km/h	30
Design	TT
Use	For exploitation at harvesters of type SKD-6, SKD-5 and other agricultural machinery.

Φ-35



Tyre size	11.2-20		
Standard description	GOST 7463		
Tyre pattern	Cross country		
Ply rating	8		
Tyre weight, not more, kg	41.0		
Load bearing capacity index	114		
Recommended rim	W10; (W9; W7)		
Exterior diameter, mm	985±1.5%		
Section width, mm, not more	284		
Static radius, mm	460±2.5%		
Q <sub>max</sub> kgf	1180		
P <sub>o</sub> , at Q <sub>max</sub> , kPa	210		
V <sub>max</sub> , km/h	30		
Design	TT		
Use	MTZ-82, MTZ-52 (small leading wheel)		



Tyre size	10.0/75-15.3		
Standard description	TS 38.304-118		
Tyre pattern	Universal		
Ply rating	8 10 12		
Tyre weight, not more, kg	21.3	21.8	21.2
Load bearing capacity index	118	123	126
Recommended rim	9.00-15.3		
Exterior diameter, mm	770±1.5%		
Section width, mm, not more	270		
Static radius, mm	350±2.5%		
Q <sub>max</sub> kgf	1330	1525	1695
P <sub>o</sub> , at Q <sub>max</sub> , kgf/sm <sup>2</sup>	3.2	4.0	4.8
V <sub>max</sub> , km/h	30		
Design	TT		
Use	Bearing wheels of tractor- drawn agricultural machinery.		





Tyre size	10.0/75-15.3 Nortec IM-24			M-24
Standard description	TS 38.304-217			
Tyre pattern	Universal			
Ply rating	10	12	14	18
Tyre weight, not more, kg	21			
Load bearing capacity index	122	125	130	143
Recommended rim	9,00-15,3			
Exterior diameter, mm	770			
Section width, mm, not more	270			
Static radius, mm	350			
$Q_{max}$ kgf/ $Q_{ec}$	1500	1650	1900	2725
$P_{o}$ , at $Q_{max}$ , kgf/sm <sup>2</sup> / P at $Q_{ec}$	4	4,8	5,5	7,1
V <sub>max</sub> , km/h	A8(40)			
Design	TT/TL			
	Designed for setting at free rolling axes of different agricultural implements and supplementary machines: trailers, cultivators, harvester stackers etc.			



	100
Tyre size	10.0/75-15.3
Standard description	TS 38.304-121
Tyre pattern	Cross country
Ply rating	10
Tyre weight, not more, kg	29.6
Load bearing capacity index	123
Recommended rim	9.00-15.3
Exterior diameter, mm	780±1.5%
Section width, mm, not more	264
Static radius, mm	360±2.5%
Q <sub>max</sub> kgf	1550
P <sub>o</sub> , at Q <sub>max</sub> , kgf/sm <sup>2</sup>	4.0
V <sub>max</sub> , km/h	30
Design	TT
Use	For leading wheels of small agricultural machinery including compact tractors and walk-behind tractors.





Tyre size	9.5-32
Standard description	GOST 7463
Tyre pattern	Cross country
Ply rating	6
Tyre weight, not more, kg	45.5
Load bearing capacity index	110
Recommended rim	W8; (W7)
Exterior diameter, mm	1240±1.5%
Section width, mm, not more	241
Static radius, mm	590±2.5%
Q <sub>max</sub> kgf	1065
P <sub>o</sub> , at Q <sub>max</sub> , kPa	210
V <sub>max</sub> , km/h	30
Design	TT
Use	Self-propelled toolbar T- 16M and leading wheels of tractor T-25.

Ф-268



Tyre size	9.5R32 Ф-268
Standard description	GOST 25641
Tyre pattern	Cross country
Ply rating	
Tyre weight, not more, kg	40
Load bearing capacity index	112
Recommended rim	W8
Exterior diameter, mm	1245
Section width, mm, not more	241
Static radius, mm	584
$Q_{max}$ kgf/ $Q_{ec}$	1120
$P_{o'}$ at $Q_{max}$ , kgf/sm <sup>2</sup> / P at $Q_{ec}$	1,6
V <sub>max</sub> , km/h	A8(40)
Design	TT
Use	For leading wheels of all-purpose tractors KhTZ-3510, 2511; VTZ 2511, 2032, T-16M, T-25, T-30-69; MTZ-1221. This tyre is also often used at seeding



#### Алтайшина 183



Tyre size	9.5-42
Standard description	TS 38.304-111
Tyre pattern	Cross country
Ply rating	6
Tyre weight, not more, kg	61.8
Load bearing capacity index	116
Recommended rim	W8; DW8
Exterior diameter, mm	1512±1.5%
Section width, mm, not more	241
Static radius, mm	725±2.5%
Q <sub>max</sub> kgf	1250
P <sub>o</sub> , at Q <sub>max</sub> , kPa	210
V <sub>max</sub> , km/h	30
Design	TT
Use	Leading wheels of MTZ-50, MTZ-52, T-40, T-40A, T-30, T- 35 and other designed for intertillage and other works in agricultural industry.

Forward

#### Forward AC 8



Tyre size	9.00-16
Standard description	GOST 7463
Tyre pattern	Universal
Ply rating	10
Tyre weight, not more, kg	25.0
Load bearing capacity index	125
Recommended rim	6.00F
Exterior diameter, mm	865±1.5%
Section width, mm, not more	247
Static radius, mm	380±2.5%
Q <sub>max</sub> kgf	1650
P <sub>o</sub> , at Q <sub>max</sub> , kPa	350
V <sub>max</sub> , km/h	30
Design	TT
Use	Bearing wheels of tractor trailers.

#### MDRTEE

NorTec IM-14



Tyre size	9.00-16
Standard description	TS 38.304-208
Tyre pattern	Universal
Ply rating	10
Tyre weight, not more, kg	25.0
Load bearing capacity index	125 nominal; 123 admissible
Recommended rim	152; (6.00) demountable
Exterior diameter, mm	896±1.5%
Section width, mm, not more	255
Static radius, mm	414±2.5%
Q <sub>max</sub> , kgf nominal (admissible)	1650 (1550)
P <sub>o</sub> , at Q <sub>max</sub> , kPa	350
V <sub>max</sub> , km/h	30 nominal; 35 admissible
Design	TT
Use	Tractor trailers 2PTS-4, PSE-12.5 and other for agricultural works (for leading wheels).



#### Алтайшина 45



Tyre size	9.00-20
Standard description	TS 38.304-113
Tyre pattern	Universal
Ply rating	6
Tyre weight, not more, kg	29.9
Load bearing capacity index	111
Recommended rim	W7; (5.50F)
Exterior diameter, mm	930±1.5%
Section width, mm, not more	234
Static radius, mm	430±2.5%
Q <sub>max</sub> , kgf	1110
P <sub>o</sub> , at Q <sub>max</sub> , kPa	240
V <sub>max</sub> , km/h	40
Design	TT
Use	Guide wheels of category 1.4 tractors – MTZ-80, MTZ-82, YuMZ-6L, bearing wheels of tractor trailers and other agricultural machinery.





Tyre size	8.25-15
Standard description	TS 38.304-119
Tyre pattern	Road with lengthwise zigzag-shaped grooves
Ply rating	8
Tyre weight, not more, kg	23.1
Load bearing capacity index	119
Recommended rim	7 (5.00P)
Exterior diameter, mm	807±1.5%
Section width, mm, not more	229
Static radius, mm	368±2.5%
Q <sub>max</sub> , kgf	1360
P <sub>o</sub> , at Q <sub>max</sub> , kPa	3.5
V <sub>max</sub> , km/h	30
Design	TT
Use	Bearing wheels of tractor- drawn agricultural machinery.

### B-105A



Tyre size	8.3-20
Standard description	TS 38.304-135
Tyre pattern	Cross country
Ply rating	8
Tyre weight, not more, kg	30.8
Load bearing capacity index	102
Recommended rim	W7
Exterior diameter, mm	945±14
Section width, mm, not more	221
Static radius, mm	446±1
Q <sub>max</sub> , kgf	850
P <sub>o</sub> , at Q <sub>max</sub> , kPa	250
V <sub>max</sub> , km/h	30
Design	TT
Use	T-40A (small leading wheel) and front wheels of MTZ.

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### NDRWES'

### NorTec TS-01



Tyre size	7.50L-16
Standard description	523
Tyre pattern	Cross country
Ply rating	2/4
Tyre weight, not more, kg	16.0
Load bearing capacity index	60/86
Recommended rim	5.5 F-16 (6J*16)
Exterior diameter, mm	705±11
Section width, mm, not more	205
Static radius, mm	340±9
Q <sub>max</sub> , kgf	250/530
P <sub>o</sub> , at Q <sub>max</sub> , kPa	80/240
V <sub>max</sub> , km/h	30
Design	TT
Use	For leading wheels of agricultural tractors.

B-103



Tyre size	7.50-20
Standard description	GOST 7463
Tyre pattern	Universal
Ply rating	8
Tyre weight, not more, kg	24.4
Load bearing capacity index	109
Recommended rim	5.50F; (5.00F)
Exterior diameter, mm	910±1.5%
Section width, mm, not more	205
Static radius, mm	427±2.5%
Q <sub>max</sub> , kgf	1030
P <sub>o</sub> , at Q <sub>max</sub> , kPa	370
V <sub>max</sub> , km/h	30
Design	TT
Use	For guide wheels of tractors MT3-50, -80, and agricultural machinery.



#### Алтайшина 421



Tyre size	6L-12
Standard description	TS 38.304-112
Tyre pattern	Cross country
Ply rating	2
Tyre weight, not more, kg	7.9
Load bearing capacity index	44
Recommended rim	5J A
Exterior diameter, mm	570±1.5%
Section width, mm, not more	155
Static radius, mm	267±2.5%
Q <sub>max</sub> , kgf	160
P <sub>o</sub> , at Q <sub>max</sub> , kPa	100
V <sub>max</sub> , km/h	30
Design	TT
Use	Walk-behind tractors MTZ-05 and Agros, 0.1 t category tractors.

#### NorTec IM-15



Tyre size	6.50-16
Standard description	GOST 7463
Tyre pattern	Universal
Ply rating	6
Tyre weight, not more, kg	16.3
Load bearing capacity index	91
Recommended rim	4.50E
Exterior diameter, mm	760±1.5%
Section width, mm, not more	175
Static radius, mm	362±2.5%
Q <sub>max</sub> , kgf	615
P <sub>o</sub> , at Q <sub>max</sub> , kPa	310
V <sub>max</sub> , km/h	30
Design	TT
Use	For front guide wheels of category 0.6-0.9 tractors, agricultural machines SSh-28.

#### NORTES'

### NorTec IM-08



Tyre size	6.00-16
Standard description	TS 38.304-151
Tyre pattern	Universal
Ply rating	6
Tyre weight, not more, kg	15.1
Load bearing capacity index	88
Recommended rim	4.50E
Exterior diameter, mm	750±11
Section width, mm, not more	175
Static radius, mm	355±9
Q <sub>max</sub> , kgf	560
P <sub>o</sub> , at Q <sub>max</sub> , kPa	330
V <sub>max</sub> , km/h	30
Design	TT
Use	For guide and bearing wheels of tractors and agricultural machinery.

B-19A



Tyre size	5.00-10
Standard description	TS 38.304-207
Tyre pattern	Universal
Ply rating	6
Tyre weight, not more, kg	5.5
Load bearing capacity index	69
Recommended rim	4.00E
Exterior diameter, mm	507±5
Section width, mm, not more	140
Static radius, mm	241±5
Q <sub>max</sub> , kgf	325
P <sub>o</sub> , at Q <sub>max</sub> , mPa	0.304
V <sub>max</sub> , km/h	30
Design	TT
Use	Small universal tractors, mounted equipment.

#### Marking of automobile tyres



8 - indication of construction

11 - sign of official statement

12 - designation of tyre model

13 - date of manufacture

10 - indication of legal requirements

14 – indicator of wear-out (twi or  $\Delta$ )

9 - ply rating

- 1 Trademark, logotype
- 2 commercial name
- 3 country of manufacture
- 4 tube type
- 5 load bearing capacity index
- 6 speed index
- 7 designation of tyre dimensionFigures in marking of diagonal tyre

(for example, 6.15-13/155-13) mean: **6.15** – nominal section width in inches:

13 –diameter at rim seat in inches:

155 - nominal section width in mm;

Figures and letters in marking of radial tyre (for example, Forward Traction 310.10.00R20 146/143K Radial Tube type) mean:

10.00 - section width (in inches);

Forward Traction 310 - model;

20 - nominal diameter at rim seat (in inches);

Tube type - tube design of tyre;

146/143 – load bearing capacity index for single and dual wheels;

**K** - index of speed category of tyre (max admissible speed of automobile run in km/h).

Radial - radial tyre;

All seasons – all-season tyre;

Maximum load - maximum load;

Maximum pressure – maximum pressure corresponding to maximum load. Load is indicated in pounds (LBS), and pressure – in pounds upon square inch (PSI) for tyre in "cold" state (1 LBS=0.4536 kg, 1PSI= 0.0069 MPa).

**TUBE TYPE or TT** – (in German MIT SCHLAUCH) - designation for tube type tyres;

TUBELESS or TL- designation for tubeless tyres;

PR (PLY RATING) — endurance (load bearing capacity) of carcass is estimated conventionally by so called ply rating. For passenger cars, they use tyres with ply rating 4PR, and sometimes 6PR, in this case the latter have an inscription "Reinforced", i.e. "reinforced" tyre of elevated load bearing capacity.

