

TRACTOR

HARVEST

SPRAYER

IRRIGATION

FRONTS &  
IMPLEMENTS

FORESTRY

DISCONTINUED

LOAD &  
INFLATION  
TABLES

GENERAL  
FARM TIRE  
INFORMATION

INDEX

**CROSS-SECTION  
CONVERSIONS**

CONVENTIONAL SIZE (inches)	METRIC SIZE (millimeters)
8.5	215
9.5	230
10.0	250/260
10.5	265
11.2	280/290
11.8	300
12.4	320
13.6	340
14.0	355/360
14.9	380/385
16.9	420
17.5	445
18.4	460/480
19.5	500
20.8	520/540
23.1	600
24.5	620
25.5	650
28.0	710
30.5	800
35.5	900
43.00	1050
50.00	1250

**INTERNATIONAL SPEED  
SYMBOLS**

SPEED SYMBOLS	SPEED CATAGORY (mph)	SPEED CATAGORY (km/h)
A1	2.5	5
A2	5	10
A3	10	15
A4	12.5	20
A5	15	25
A6	20	30
A7	22.5	35
A8	25	40
B	30	50
C	35	60
D	40	65
E	43	70
F	50	80
G	55	90

**INDUSTRY  
CODES**

SIZE	SYMBOLS
F-1	Agricultural single-rib tread
F-2	Agricultural multi-rib tread
F-3	Industrial multi-rib tread
G-1	Regular traction tread
G-2	Turf traction tread
I-1	Rib tread
I-3	Traction tread
HF-1	High flotation shallow tread
HF-2	High flotation regular tread
HF-3	High flotation deep lug tread
HF-4	High flotation extra deep lug
LS-2	Log skidder
R-1	Drive wheel — regular tread (dry, well-drained soil)
R-1W	Drive wheel — wet traction (wet soil); generally 25% deeper tread than R-1
R-2	Drive wheel — rice and cane (wet, muck)
R-3	Drive wheel — button design (orchards, golf courses, grass cutting, light industrial)
R-4	Drive wheel — industrial use

**EQUIVALENT LOAD DESIGNATIONS**

SIZE	SYMBOL	PLY RATING	LOAD INDEX
3.6R28	★★★	8	126 A8/B
14.9R28	★★★	10	133 A8/B
14.9R30	★★★	10	134 A8/B
14.9R34	★★★	10	136 A8/B
14.9R46	★★★	10	142 A8/B
16.9R24	★★	8 & 10	134 A8/B
16.9R26	★★	8 & 10	135 A8/B
16.9R28	★★	8 & 10	136 A8/B
16.9R30	★★	8 & 10	137A8/B
16.9R38	★	8	141 A8/B
18.4R26	★★	8 & 10	140 A8/B
18.4R34	★	6 & 8	139 A8/B
18.4R38	★	6 & 8	141 A8/B
18.4R38	★★	10	146 A8/B
18.4R42	★★	10	148 A8/B
18.4R46	★★★	12	155 A8/B
20.8R34	★	8	145 A8/B
20.8R38	★	8	147 A8/B
20.8R38	★★	10	153 A8/B
20.8R42	★★	10	155 A8/B

**MILLIMETRIC SIZE TIRES**

The markings on some farm tires are millimetric, and the service description is load index and speed symbol. This marking conforms to what is currently used for passenger, truck, agricultural and earth-mover tires.

**EXAMPLE: TIRE SIZE — 710/70R-38 166A8**

- 710 tire section width in millimeters
- 70 aspect ratio
- R radial construction
- 38 rim diameter in inches
- 166 load index
- A8 speed symbol

**CONVERSION CHART**

- 1 inch = 25.4 millimeters = 2.54 centimeters
- 1 foot = 30.48 centimeters = .3048 meters
- 1 mile = 1609.3 meters = 1.6093 kilometers
- 1 mile = 5280 feet = 1760 yards
- 1 square inch = 6.4516 square centimeters
- 1 square foot = 144 square inches
- 1 square yard = 9 square feet
- 1 square mile = 640 acres
- 1 hectare = 2.471 acres
- 1 gallon water = 8.3453 pounds of water
- 1 U.S. gallon = 3.785 liters
- 1 peck = 8 quarts (dry)
- 1 bushel = 4 pecks (U.S.)
- 1 lbm = .4536 kilogram
- 1 lbf = 4.45 Newtons
- 1 psi = 6.895 kilopascal (kPa) = .06895 bar