



## Steel Wheel Catalog



Edition 2021

# Wheel Product Range for Off-Highway Vehicles

## History

**1897**

Kronprinz was founded to make bicycle parts in Germany.

**1891**

Brothers Edouard and André Michelin start the production of wheels in Clermont-Ferrand and patent the first demountable bike tyre.

**1905**

Renowned tire maker, Firestone, enters the steel products market, making steel rims and wheels as Firestone Steel products.



**1906**

Development and start of production of the first demountable wheel for passenger cars.

**1913**

Wooden wheels are made for passenger cars marking a new era in transportation in Solingen, Germany.



**1920**

The first steel wheel production begins in Ronneburg, Germany.

**1950's**

Birth of the first subway on tyre in Paris.

**1957**

Separation of the wheel production in La Chapelle-Saint-Luc/Troyes.

**1958**

Start of production of one-piece wheels with well for passenger cars.

**1960's**

Creation of the subway on tyre in Montréal and Mexico City.

**1968**

Firestone opens first steel wheel plant in London, Ontario, Canada.

**1970**

Start of production of one-piece wheels with well and 15° bead seat angle for trucks.

**1974**

Second wheel plant opens in Henderson, Kentucky.

**1991**

The foundation of the corporation known as mefro Räderwerk GmbH is formed in Germany.



**1997**

Michelin takes over from Mannesmann 51% of Mannesmann-Kronprinz AG in order to reinforce its market position in steel wheel business.

**1997**

Accuride partners with Kaiser Aluminum, opening the door to the growing forged aluminum wheel market.



**1999**

Complete take over of the shares by Michelin. Creation of Michelin Kronprinz Werke.

**2000**

mefro acquires SÜDRAD GmbH Radtechnik in Ebersbach, Germany.

**2001**

Separation of the wheel business within Michelin. Creation of Michelin Roues France S.A.S.



**2005**

mefro acquires all Michelin wheel manufacturing facilities adding Solingen, Germany, Troyes, France and Bilicek, Turkey.

**2011**

Zaink and Togliatti, Russia join the mefro family.



Accuride introduces Accu-Lite™ aluminum wheels, the lightest and brightest in the industry.

Not satisfied to stand still, Accuride spends \$120 million in 2011-2012 to acquire and install new aluminum wheel capacity, upgrade production processes, and implement common systems.

**2012**

mefro Roues France is renamed.



mefro acquires Centurion wheels business in Jining, China.

**2013**

Accuride introduce Steel Armor™, a revolutionary new coating technology combating corrosion for extended wheel life.



**2016**

Completion of size enlargement program in the workshop, with capacities established at 8Jx18.



Accuride expands its aluminum wheel product line to Europe.

**2018**

Accuride take over mefro wheels group.



**2019**

Accuride Wheels Europe and Asia GmbH created, mefro wheels France is renamed to Accuride Wheels Troyes S.A.S.

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## **SECTION I: GENERAL INFORMATION AND TECHNICAL EXPLANATIONS**

### **Orders and inquiries**

We would like to ensure convenient handling of our Accuride catalogue, thus simplifying the process of ordering as much as possible. So, we shall confine our general information and technical explanations to the strictly necessary.

As a wheel customer you will have to consciously observe the information and safety instructions given in this catalogue in order to be able to prove at any time that you have exercised due care - as is imposed by the legislator - in handling wheels and tyres, also in view of liability, accident prevention regulation, and road safety. The first figure of a wheel indicates the rim diameter and the last figure indicates the rim width in inches. The letter besides the rim width are specifying the type of rim profile. The symbol between letter and last figure describes the type of rim ("x" for wheels with drop center rims and "-" for wheels with multi-piece rims).

The catalogue on hand contains our standard production program. If you can not find the wheel you are looking for please let us have your inquiry with the following details (the chapter and complete the "Technical Wheel Questionnaire" provided at the end of each section) or at [www.accuridecorp.com/resources](http://www.accuridecorp.com/resources).

For identification of the most current types of stud holes you find the relevant codes and dimensions in the chart located in page 11.

Of course you can always submit a drawing showing the above mentioned characteristics and dimensions.

We shall feel obliged to comply with your requests.

For more information go to [www.accuridecorp.com](http://www.accuridecorp.com).

## **SECTION I: GENERAL INFORMATION AND TECHNICAL EXPLANATIONS**

### **Safety is important**

The wheel is a highly stressed component of the vehicle that in service may be subjected to extreme forces. Therefore, it is absolutely necessary to check the wheels periodically and to pay particular attention to their mounting, removal and maintenance in order to ensure safe operations and to prevent any possible risk.

Particular care has to be used to handle the wheels having multi-piece rims. Improper or unsafe wheel/tyre servicing practices can lead to serious accidents.

Therefore, all service operations must be performed only by qualified personnel, appropriately trained: they have to use correct procedures, proper equipment and tools, and safety precautions.

### **General safety and maintenance recommendations**

Never use wheels or wheel components which cannot be well identified, even if they appear to have the correct dimensions and the same correct function.

The identifications impressed on the stud hole area of the wheel disc and/or on the rim/rings will help to ensure the correct replacement with another component having identical characteristics and performance, as required by the vehicle manufacturer.

The geometric characteristics of the wheel disc must correspond exactly to the matching vehicle parts (axle hub and brake) in order to guarantee the proper fitting and an effective load transmission. The use of the correct replacement part becomes particularly important for the removable rings of a multi-piece rim, since the ring of a given rim size may not be interchangeable with the one belonging to another rim type. For the proper choice of the component to be mounted as replacement, careful attention has to be paid to these items: size of ring - system of assembly – execution details (shape and dimensions).

Even small differences may in fact be critical. Consequently for safety reasons, in the case of multi-piece rims, the origin of the components must be the same. Mismatched or wrong rings mounted on a multi-piece rim can cause serious mounting or service accidents or, at the least, the wheel failure, without any prior warning.

### **Disclaimer**

The contents of this catalogue were put together with the biggest care, however, all information occurs without guarantee under reservation of possible changes after publishing. We can take over no liability for any damages or losses which have originated on the basis of misprints or false data.

These goods and services are subject to Accuride's Terms and Condition found at [www.accuridecorp.com/SalesTerms](http://www.accuridecorp.com/SalesTerms).

## SECTION I: GENERAL INFORMATION AND TECHNICAL EXPLANATIONS

### Recommendations on hub geometry

We would like to draw your attention to the facts that:

- Vehicle hub shape, stiffness and outer edge condition have an important influence on wheel fatigue performance. Sharp edges encourage crack development and propagation.
- The weight optimization of vehicle's hubs should take into account the performance of the whole system of hub, brake and wheel.
- When requesting specific wheel designs for new hubs or axles the compatibility and interchangeability between parts already on the market should be considered, in order to avoid potential safety problems.
- The fact that different, not standardized hub shapes exist already on the market may lead to multiple footprints on wheels which are exchanged between vehicles. In this case, high additional stresses can be induced in the wheel mounting surface which may lead to premature wheel failure.

**WARNING:** It is absolutely forbidden and illegal to repair rims, discs and other wheel parts by heating, by welding, by addition or removal of material. In particular the repair of stud holes or the replacement of wheel discs must not be undertaken.

### Wheel and tyre demounting

The personnel responsible for the wheel mounting/ demounting operations must be qualified and have proper training.

In the case of divided (bolted) wheels, wheels with multi-piece rims of both single and twin mounting, or similar, it is a mandatory rule for safety reasons that, before starting to unbolt the tyre wheel assembly from the vehicle axle, that the tyre must be fully deflated even when a low inflation pressure is involved. Unseen damages could cause the explosion of the assembly during removal, if the tyre still contains air under pressure.

To ensure a complete tyre deflation, remove the valve core. Remove, disassemble and inspect a tyre-rim assembly that has been operated in a run-flat or in under-inflated condition (that is 80% or less of the recommended pressure). To carry out these operations, use suitable tools and follow the demounting procedure prescribed by the vehicle or tyre manufacturer.

### Mounting of tyre onto wheel rim

Be sure that the rim size and diameter are the right ones for the tyre to be mounted. Inspect the wheels and its components to verify that all parts are in good conditions.

Do not use damaged, worn out or cracked parts and do not try to repair them. Do not fit an inner tube to a tubeless tyre to overcome a problem of air leakage.

Check all matching surfaces i.e. hub, studs, nuts, disc attachment face - and in case of multi-piece rims all contact surfaces for a correct ring seating - removing dirt, rust, scratches and other similar surface defects without affecting the wheel material.

In particular, drop-centre rims fitted with tubeless tyre must have the bead seat areas free from rust and rubber deposit, in order to ensure air-sealing. Especially for tubeless tyres, inspect the valve and replace the stem.

On wheels with drop-centre rims (single piece), place the tyre over the small bead seat side of the rim, push the lower bead over the rim flange and then, progressively, into the rim well. Using the first lever to keep in place the upper tyre bead, work by short steps with the second lever to complete the fitting of the tyre. On the multi-piece rims, the correct positioning of the removable 'kombi' ring or of the side/lock rings has to be carefully checked prior to inflation and later on after having applied about 0,3 - 0,5 bar of air pressure.

## SECTION I: GENERAL INFORMATION AND TECHNICAL EXPLANATIONS

### Wheel and tyre mounting

Never stand in front of the wheel. An inflated tyre, even with low air pressure, must never be worked on with a hammer while trying to correct an improper position of the rings.

In such a case, all air has to be let out of tyre before the necessary correction can be done. To complete the tyre inflation use a "safety cage", designed with suitable strength or at least put safety chains round the wheel, always avoiding to stay in the potentially dangerous areas. Particular precaution must be taken by the operator, and any other people present whenever handling an inflated tyre/wheel assembly or while checking the pressure of a tyre mounted on the vehicle, and never to remain in front of the wheel. This especially if it is a large dimension with high inflation pressure.

Extreme care should be taken: the sudden release of the air contained in the tyre can cause serious injuries.

Always use an air gauge to measure the tyre pressure.

The correct value, specified for the tyre, must be maintained to avoid damage to tyre or fracture of the wheel/rim.

Before tyre mounting, the locking ring should be verified. A non mounted locking ring should not have any gap between its ends. In such a case, locking ring should be changed.



Inflation in safety cage



Rotation of the wheel on the mounting machine



Gap between locking ring ends - Locking ring to be scrapped

## SECTION I: GENERAL INFORMATION AND TECHNICAL EXPLANATIONS

### Mounting of wheel to the vehicle - studs and nuts -

The tyre/wheel assembly must be correctly positioned relative to the hub when mounting on the vehicle. Be sure that: the diameter of pilot hole, diameter of stud holes, number and shape of stud holes, wheel offset or inset, type and kind of studs and nuts correspond to the characteristics of the vehicle axle hub. All mounting parts such as studs, spherical or conical nuts, nuts with captive washer, special parts, must fit exactly to the wheel being mounted.

Any incorrect combination of parts (different type, different shape of radius/angle, different length) may cause nut loosening or the wheel failure.

To prevent rusting, small amounts of oil may be applied to the wheel nut and stud threads. Care must be taken not to over lubricate.

Studs and nuts of all disc wheels have to be fastened in accordance with the vehicle manufacturer's instructions, either using a torque spanner or by means of a tool designed to reach the torque value specified by the vehicle manufacturer.

As far as the recommended amount of the torque is concerned, the instructions of the vehicle producer must be followed. The correct tightening sequence is crosswise for the wheel disc, that is to tighten one nut then the opposite one or the farthest away.

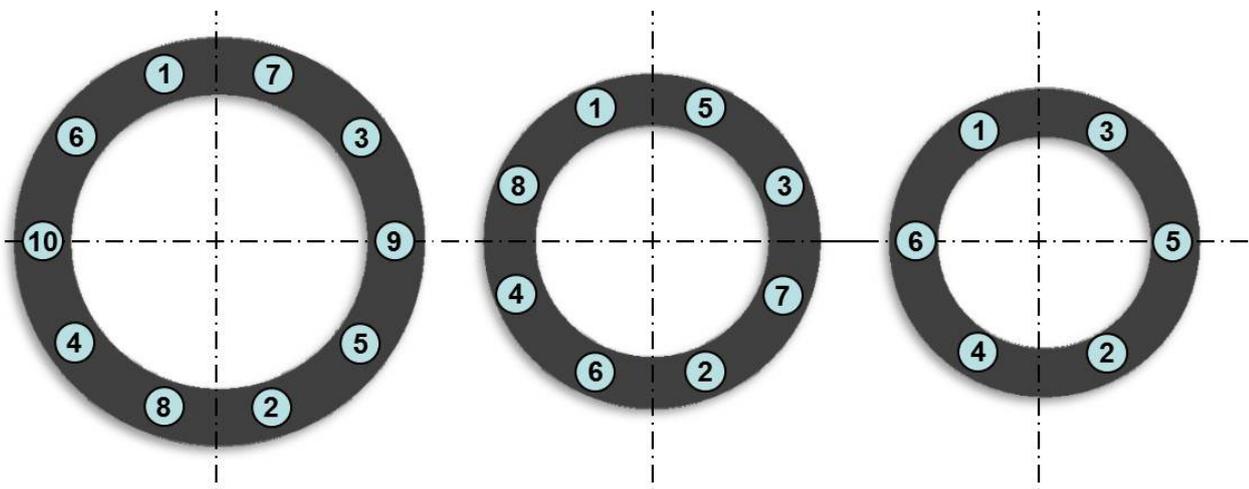
### Recommendations on tightening torque

Excessive nut tightening may cause deformation of wheel disc or nut/stud failure. An insufficient tightening may cause the wheel loosening.

Please follow the manufacturer recommendations on specific torque values. In case this torque information is not available, Accuride recommends to contact the vehicle manufacturer or service partner for further information.

On a new vehicle and always after a wheel/tyre replacement, it is imperative to verify the mounting torque after approximately 50-100 km of operation and, where necessary, to re-tight the wheel nuts to the correct value. It is recommended to check the nut torque on a regular basis.

Wheel nuts must be torqued following a crosswise sequence to ensure proper torque. The image below shows examples for correct sequences.



## SECTION I: GENERAL INFORMATION AND TECHNICAL EXPLANATIONS

### Identify a damaged rim/wheel

At each tyre inspection, check the wheel condition: a complete cleaning of all surfaces before inspection will help in finding more easily and surely possible defects. Check closely all components after removal, to ensure that they are in good condition and look for any possible non conformity.

In order to avoid damage to tyres, during mounting or while in use, any sharp edges, burrs or uneven areas which might have occurred during service should be deburred and covered with a suitable paint to protect against corrosion.

The matching surfaces between the wheel and the vehicle as well as those of the components in a multi-piece rim must be cleaned and protected against corrosion, also. Be careful not to exceed 60µm of coating on the surfaces in contact.

**The wheel, as a safety part, must not show fractures, deformations, distortions, severe corrosion, excessive wear, buckled or twisted rings (where existing) or other similar defects. Such pieces must not be reused, but destroyed and scrapped.**

Also in the event of a suspected damage or if in doubt about the suitability of a wheel/rim component, the involved part must be replaced.

The replacement has to be carried out with new pieces having completely identical characteristics. In the event that the correct removable rings are not available, a new complete rim/wheel should be fitted.

Typical defects that require the parts replacement, are:

- Cracks in the wheel disc face, in particular the stud holes area and the ventilation holes can be concerned.
- Deformations or abnormal imprints in the seats of the nut/studs fixings.
- Leaks in tubeless tyres derived by micro- cracks in the rim or by wear and tear marks on the rim-tyre matching surface.
- Bent rim flanges (generally due to impacts against obstacles).
- Circumferential cracks on the rear flange or at the gutter in the base of multi-piece rims.
- Broken, buckled side/kombi ring or excessive corrosion on rings of multi-piece rims.
- Twisted rings, in particular lock and 'kombi' rings.

**It is not allowed to perform any technical modification on the wheel.**

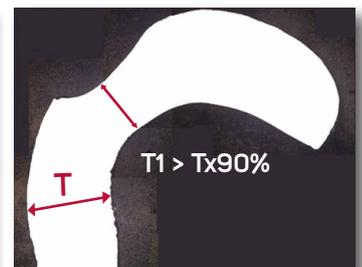
Wear on rim flanges (top of the flanges) can be tolerated up to a maximum of 10% of the initial thickness of the rim material.



Wear on the seat due to corrosion and overloading



Rim flange wear due to overloading



Wear on rim flanges (top of the flanges) and seat can be tolerated up to a maximum of 10% of the initial thickness of the rim material.

## SECTION I: GENERAL INFORMATION AND TECHNICAL EXPLANATIONS



Stud hole deformation



Wheel disc cracks at stud hole

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Wear on wheel/hub and/or wheel/nut contact area with thickness decrease is not tolerated. If the disc thickness is under the minimum defined value (see wheel drawing) the wheel has to be scrapped.

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Nut contact area thickness check

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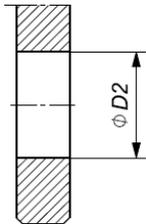
Further information on cracks, wear, deformation identification can be found inside the ISO 14400 (road vehicles – wheels and rims – use, general maintenance and safety requirements and out-of-service conditions) and in the EUWA standards ES 1.09 (safety and service recommendations for wheels) and ES 1.07 (safety and service instruction for the use of wheels in tyre workshops).

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# SECTION I: GENERAL INFORMATION AND TECHNICAL EXPLANATIONS

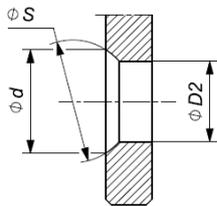
## Stud hole types

Hub centered wheels show straight, cylindrical stud holes. These wheels are centered by the hub and are to be used with flat nuts.

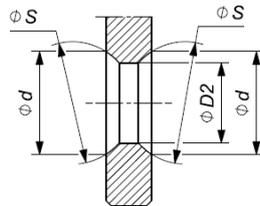


Stud centered wheels show spherical or conical countersinks at their stud holes. These wheels are centered by the nuts and have to be used with nuts of suitable shape.

Spherical shape:

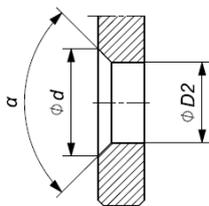


one-sided spherical (ES)

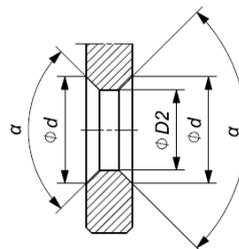


double-sided spherical (DS)

Conical shape:

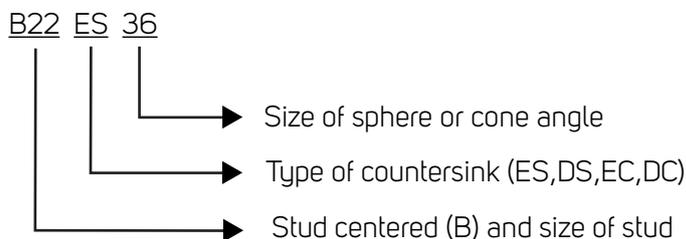


one-sided conical (EC)



double-sided conical (DC)

Stud hole definition for countersink shapes:



## SECTION II: INSTRUCTIONS FOR SAFETY AND MAINTENACE

### Load capacity

Load rating or load capacity of a wheel refers to the allowed load at a specific speed, vehicle type, and using conditions.

The load rating of the wheel must be at least equal to the load homologated by the manufacturer of the vehicle.

Please contact your Accuride sales representative for more information on recommended wheel load capacity.

## SECTION III: LOAD INDEX/SPEED INDEX

### Load index LI

LI	Kg	LI	Kg	LI	Kg	LI	Kg	Speed index SSY	No.
105	925	124	1600	143	2725	162	4750	0	A
106	950	125	1650	144	2800	163	4875	5	A1
107	975	126	1700	145	2900	164	5000	10	A2
108	1000	127	1750	146	3000	165	5150	15	A3
109	1030	128	1800	147	3075	166	5300	20	A4
110	1060	129	1850	148	3150	167	5450	25	A5
111	1090	130	1900	149	3250	168	5600	30	A6
112	1120	131	1950	150	3350	169	5800	35	A7
113	1150	132	2000	151	3450	170	6000	40	A8
114	1180	133	2060	152	3550	171	6150	50	B
115	1215	134	2120	153	3650	172	6300	60	C
116	1250	135	2180	154	3750	173	6500	65	D
117	1285	136	2240	155	3875	174	6700	70	E
118	1320	137	2300	156	4000	175	6900	80	F
119	1360	138	2360	157	4125	176	7100	90	G
120	1400	139	2430	158	4250	177	7300	100	J
121	1450	140	2500	159	4375	178	7500	110	K
122	1500	141	2575	160	4500	179	7750	120	L
123	1550	142	2650	161	4625	180	8000	130	M

Additional load indexes are available in the ETRTO standard manual. Contact your Accuride sales representative for additional information.

## SECTION IV: ADJUSTABLE WHEELS

Part Number	Wheel Size	Number of Bolt Holes	Shape of Stud Holes	Pitch Circle	Center Hole	Inset
TEJ35361	16xW7	6	Straight $\emptyset 17$	285	250.5	-7, 43, -50, 0
TEJ35529	16xW8	6	Straight $\emptyset 13$	152.4	117.7	-50, 0, 33, 83, 43, -7, -40, -90
TEJ35362	16xW8	6	Straight $\emptyset 17$	285	250.5	16, 66, -73, -23
TEJ35363	16xW8	6	Straight $\emptyset 17$	285	250.5	-7, 43, -50, 0
TEJ35584	16xW8	6	Straight $\emptyset 17$	285	250.5	-34, 16, -23, 27
TEJ35583	20xW9	6	Straight $\emptyset 20.5$	120	80.5	18, 71, 19, 72, -28, -81, -29, -82
TEJ35531	20xW9	6	Straight $\emptyset 17$	152.4	117.7	-16, 35, 87, 138, 8, -43, -95, -146
TEJ15117	20xW9	6	Straight $\emptyset 16.5$	285	250.5	-45, 5, 54, 104, 38, -12, -61, -111
TEJ30466	20xW10	6	Straight $\emptyset 20.5$	120	80.5	71, 124, -34, 19, -81, -134, 24, -29
TEJ35680	20xW10	6	Straight $\emptyset 20.5$	120	80.5	37, 90, 0, 53, -47, -100, -10, -63
TEJ35535	20xW10	6	Straight $\emptyset 16.5$	285	250.5	-17, 33, 26, 76, 10, -40, -33, -83
TEJ35587	20xW11	6	Straight $\emptyset 19.8$	325	285.25	-89, -36, 26, 79
TEJ30465	24xW10	6	Straight $\emptyset 20.5$	120	80	104.3, 163, 21, 79.7, -116.3, -175, -33, -91.7
TEJ35530	24xW10	6	Straight $\emptyset 17$	152.4	117.7	83, 134, -52, -1, -91, -142, 44, -7
TEJ35119	24xW10	6	Straight $\emptyset 16.5$	285	250.5	-48.7, 5, 52, 105.7, 41.7, -12, -59, -112.7
TEJ35121	24xW10	6	Straight $\emptyset 16.5$	285	250.5	19.3, 73, 120, 173.7, -26.3, -80, -127, -180.7
TEJ35515	24xW10	6	Straight $\emptyset 19.8$	325	285.25	-49.7, 7, 67, 123.7, 39.7, -17, -77, -133.7
TEJ35115	24xW10	8	Straight $\emptyset 17$	200	150.1	-50.7, 5, 50, 105.7, 41.7, -14, -59, -114.7
TEJ35117	24xW10	8	Straight $\emptyset 19$	275	221	88.5, 143.2, 2.8, 57.5, -96.5, -151.2, -10.8, -65.5
TEJ35116	24xW10	8	Straight $\emptyset 16.5$	330	290.5	-50.7, 5, 50, 105.7, 41.7, -14, -59, -114.7
TEJ35134	24xW12	6	Straight $\emptyset 16.5$	285	250.5	19.3, 73, 120, 173.7, -26.3, -80, -127, -180.7
TEJ35516	24xW12	6	Straight $\emptyset 19.8$	325	285.25	-56.2, 0.5, 73.5, 130.2, 46.2, -10.5, -83.5, -140.2
TEJ35681	24xW12	8	Straight $\emptyset 20.5$	152.4	110.5	109.3, 168, 16, 74.7, -121.3, -180, -28, -86.7
TEJ35129	24xW12	8	Straight $\emptyset 17$	200	150.1	-50.7, 5, 50, 105.7, 41.7, -14, -59, -114.7
TEJ35130	24xW12	8	Straight $\emptyset 19$	203.2	150.1	-50.7, 5, 50, 105.7, 41.7, -14, -59, -114.7
TEJ35131	24xW12	8	Straight $\emptyset 19$	203.2	150.1	24.6, 80.3, -25.3, 30.4, -33.6, -89.3, 16.3, -39.4
TEJ35132	24xW12	8	Straight $\emptyset 19$	203.2	150.1	-59.7, -4, 59, 114.7, 50.7, -5, -68, -123.7
TEJ35673	24xW12	8	Straight $\emptyset 19$	203.2	152.4	1.3, 57, -2, 53.7, -10.3, -66, -7, -62.7
TEJ35133	24xW12	8	Straight $\emptyset 16.5$	330	290.5	-50.7, 5, 50, 105.7, 41.7, -14, -59, -114.7
TEJ35517	24xW13	6	Straight $\emptyset 19.8$	325	285.25	-56.2, 0.5, 73.5, 130.2, 46.2, -10.5, -83.5, -140.2
TEJ30464	24xW13	8	Straight $\emptyset 20.5$	152.4	110.5	112, 170.7, 13.3, 72, -124, -182.7, -25.3, -84
TEJ35677	28xW10	8	Straight $\emptyset 19$	152.4	109.5	21.6, 78.3, 120.3, 177, -31.6, -88.3, -130.3, -187
TEJ35249	28xW10	8	Straight $\emptyset 16.5$	330	290.5	-48.2, 7.5, 50.5, 106.2, 39.2, -16.5, -59.5, -115.2
TEJ35676	28xW11	8	Straight $\emptyset 20.5$	152.4	110.5	18.1, 74.8, 123.8, 180.5, -28.1, -84.8, -133.8, -190.5

II

III

IV

## SECTION IV: ADJUSTABLE WHEELS

Part Number	Wheel Size	Number of Bolt Holes	Shape of Stud Holes	Pitch Circle	Center Hole	Inset
TEJ35160	28xW12	8	Straight $\varnothing$ 20.5	152.4	110.5	17.6, 74.3, 124.3, 181, -27.6, -84.3, -134.3, -191
TEJ35574	28xW12	8	Straight $\varnothing$ 17	152.4	108	115.3, 172, 18, 74.7, -125.3, -182, -28, -84.7
TEJ35674	28xW12	8	Straight $\varnothing$ 19	152.4	109.5	109.3, 166, -16, 40.7, -119.3, -176, 6, -50.7
TEJ35544	28xW12	8	Straight $\varnothing$ 17	200	150.1	14.3, 71, 120, 176.7, -24.3, -81, -130, -186.7
TEJ35290	28xW12	8	Straight $\varnothing$ 21	203.2	140	13.3, 70, 120, 176.7, -23.3, -80, -130, -186.7
TEJ35537	28xW12	8	Straight $\varnothing$ 19.8	203.2	152.4	36.3, 92, 99, 154.7, -45.3, -101, -108, -163.7
TEJ35260	28xW12	8	Straight $\varnothing$ 16.5	330	290.5	-63.2, -7.5, 65.5, 121.2, 54.2, -1.5, -74.5, -130.2
TEJ35528	28xW12	8	Straight $\varnothing$ 19.8	325	285.25	11.3, 67, 74, 129.7, -20.3, -76, -83, -138.7
TEJ35528	28xW12	8	Straight $\varnothing$ 19.8	325	285.25	11.3, 67, 74, 129.7, -20.3, -76, -83, -138.7
TEJ35585	28xW14L	6	Straight $\varnothing$ 19.8	325	285.25	11.3, 67, 74, 129.7, -20.3, -76, -83, -138.7
TEJ35547	30xW13	8	Straight $\varnothing$ 17	200	150.1	13.8, 70.5, 120.5, 177.2, -23.8, -80.5, -130.5, -187.2
TEJ35138	30xW13	8	Straight $\varnothing$ 19	203.2	150.1	20, 76.7, 113.3, 170, -30, -86.7, -123.3, -180
TEJ15115	30xDW13L	8	Straight $\varnothing$ 20.5	152.4	110.5	20, 76.7, 113.3, 170, -30, -86.7, -123.3, -180
TEJ35291	30xDW13L	8	Straight $\varnothing$ 21	203.2	140	20, 76.7, 113.3, 170, -30, -86.7, -123.3, -180
TEJ35536	30xDW13L	8	Straight $\varnothing$ 19.8	203.2	152.4	38.3, 95, 95, 151.7, -48.3, -105, -105, -161.7
TEJ35548	30xDW13L	8	Straight $\varnothing$ 19.8	203.2	152.4	17.3, 74, 116, 172.7, -27.3, -84, -126, -182.7
TEJ35546	30xW14L	8	Straight $\varnothing$ 17	200	150.1	13.8, 70.5, 120.5, 177.2, -23.8, -80.5, -130.5, -187.2
TEJ35142	30xW14L	8	Straight $\varnothing$ 19	203.2	150.1	17.3, 74, 116, 172.7, -27.3, -84, -126, -182.7
TEJ35148	30xDW15L	8	Straight $\varnothing$ 19.8	203.2	150.1	15.8, 72.5, 117.5, 174.2, -25.8, -82.5, -127.5, -184.2
TEJ35510	30xDW15L	8	Straight $\varnothing$ 19.8	203.2	152.4	15.8, 72.5, 117.5, 174.2, -25.8, -82.5, -127.5, -184.2
TEJ35146	30xW15L	8	Straight $\varnothing$ 19	203.2	150.1	17.3, 74, 116, 172.7, -27.3, -84, -126, -182.7
TEJ35151	34xDW15L	8	Straight $\varnothing$ 19.8	203.2	150.1	69, 170, 19, 120, -80, -181, -30, -131
TEJ35265	34xDW15L	8	Straight $\varnothing$ 21.5	203.2	140	69, 170, 19, 120, -80, -181, -30, -131
TEJ35509	34xDW15L	8	Straight $\varnothing$ 19.8	203.2	152.4	20, 120, 70, 170, -30, -130, -80, -180
TEJ35621	34xDW15L	8	Straight $\varnothing$ 19	275	221	40.3, 98, 91, 148.7, -51.3, -109, -102, -159.7
TEJ35508	36xW11	8	Straight $\varnothing$ 20.5	152.4	110	17.3, 74, 116, 172.7, -27.3, -84, -126, -182.7
TEJ35126	36xW11	8	Straight $\varnothing$ 17	200	150.1	17.3, 74, 116, 172.7, -27.3, -84, -126, -182.7

## SECTION IV: ADJUSTABLE WHEELS

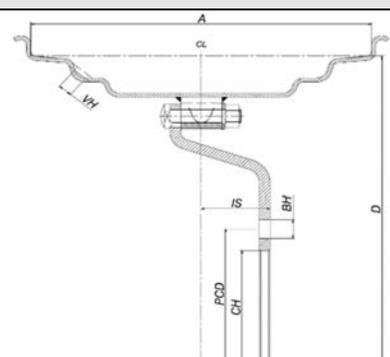
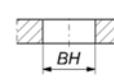
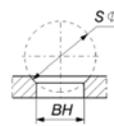
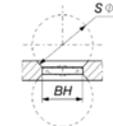
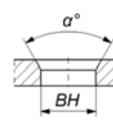
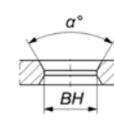
Part Number	Wheel Size	Number of Bolt Holes	Shape of Stud Holes	Pitch Circle	Center Hole	Inset
TEJ35125	36xW11	8	Straight $\varnothing$ 19	203.2	150.1	17.3, 74, 116, 172.7, -27.3, -84, -126, -182.7
TEJ35128	36xW11	8	Straight $\varnothing$ 21	203.2	140	17.3, 74, 116, 172.7, -27.3, -84, -126, -182.7
TEJ35248	36xW11	8	Straight $\varnothing$ 19	203.2	152.3	17.3, 74, 116, 172.7, -27.3, -84, -126, -182.7
TEJ35250	38xDW12	8	Straight $\varnothing$ 19	203.2	150.1	109.2, 167.9, 20.1, 78.8, -121.2, -179.9, -32.1, -90.8
TEJ35533	38xDW12	8	Straight $\varnothing$ 19.8	203.2	152.4	20, 120, 70, 170, -30, -130, -80, -180
TEJ35678	38xDW12	8	Straight $\varnothing$ 21.5	203.2	140	58, 160, 28, 130, -70, -172, -40, -142
TEJ35619	38xDW12	8	Straight $\varnothing$ 19	275	221	58, 160, 28, 130, -70, -172, -40, -142
TEJ35261	38xDW15L	8	Straight $\varnothing$ 19	203.2	150.1	18, 120, 68, 170, -30, -132, -80, -182
TEJ35287	38xDW15L	8	Straight $\varnothing$ 21.5	203.2	140	18, 120, 68, 170, -30, -132, -80, -182
TEJ35586	38xDW15L	8	Straight $\varnothing$ 19.8	203.2	152.4	20, 120, 70, 170, -30, -130, -80, -180
TEJ35620	38xDW15L	8	Straight $\varnothing$ 19	275	221	46, 148, 40, 142, -58, -160, -52, -154

IV

# TECHNICAL WHEEL QUESTIONNAIRE

*OHV Adjustable Tubeless Agricultural Wheel*

GENERAL INFORMATION			
Vehicle Manufacturer:		Customer P/N:	
Equipment Type:		Model:	
Axle Information:		Driven Wheel:	<input type="checkbox"/> No / <input type="checkbox"/> Yes
Notes:			

GENERAL WHEEL INFORMATION					
D - Wheel $\phi$ [in.]:					
A - Wheel Width [in.]:					
IS - Inset [mm]: <small>[at delivery]</small>					
Further Inset [mm]:	-				
CH - Center Hole $\phi$ :					
PCD Bolt Hole [mm]:					
Number of Bolt Holes:					
Type of Bolt Holes:	 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>
BH - Hole $\phi$ [mm]:					
Countersink:	-	$S\phi =$	mm	$\alpha =$	°
Notes:					

FURTHER SPECIFICATIONS / REQUIREMENTS					
Additional Holes:	<input type="checkbox"/> No	<input type="checkbox"/> Yes	Valve Hole Dia. [mm]:		
Type of Add. Hole:			Used Type of Valve:		
No. & Diameter:		/ mm	Valve Guard Required:	<input type="checkbox"/> No / <input type="checkbox"/> Yes	
PCD Add. Holes:		mm	Valve Guard Type:		
Ventilation Holes:	<input type="checkbox"/> No	<input type="checkbox"/> Yes	Evenness Flange Area:	at $\phi$ mm	
Type of Vent. Hole:			Run Out Lateral:		
No. of Vent. Holes:			Run Out Radial:		
Size of Holes [mm]:			Match Point required:	<input type="checkbox"/> No / <input type="checkbox"/> Yes	
Notes:					

WHEEL STAMPING		
<input checked="" type="checkbox"/>	Manufacturer Name:	
<input checked="" type="checkbox"/>	Manufacturer P/N:	
<input checked="" type="checkbox"/>	Manufacturer Country:	Made in .....
<input checked="" type="checkbox"/>	Manufacturing Date:	WW/YY (Week/Year)
<input checked="" type="checkbox"/>	Wheel Size (Dia., Width, Inset):	
<input type="checkbox"/>	Customer Name:	
<input type="checkbox"/>	Customer P/N:	
<input type="checkbox"/>		

WHEEL LOADS			
Load per Wheel [kg]:		km/h	
Load per Wheel [kg]:		km/h	
Load per Wheel [kg]:		km/h	
Used Tire Sizes:			
Notes:			

PAINTING			
Permitted Process:	<input type="checkbox"/> Wet Paint <input type="checkbox"/> Powder Paint		
Paint Color:		Acc. Spec.:	
Paint Color:		Acc. Spec.:	
Paint Color:		Acc. Spec.:	
Required Thickness:			
Notes:			

ADDITIONAL QUESTIONS		
1.	Is the constructed space limited by other components?	<input type="checkbox"/> No / <input type="checkbox"/> Yes
1a.	The definition of the available space / constructed space is attached to this questionnaire?	<input type="checkbox"/> No / <input type="checkbox"/> Yes
2.	Are there any customer requirements (Technical, Quality, Logistic) to be considered?	<input type="checkbox"/> No / <input type="checkbox"/> Yes
2a.	If yes, are the customer requirements attached to this questionnaire:	No / Yes
3.		

ADDITIONAL INFORMATION	
<b>Author:</b>	Name / Company / Phone / E-Mail
<b>CU Technical Contact :</b>	Name / Phone / E-Mail

## SECTION V: FIXED WHEELS

Part Number	Wheel Size	Number of Bolt Holes	Bolt Hole Size	Bolt Circle	Center Bore	Inset
RRJ38425	12x3.00B	5	B18ES32	139.7	101.8	-4
RRJ38451	12x3.00B	5	B14EC90	140	94	-4
RRJ38493	12x4.25	4	B14DS28	100	57	45
RRJ38508	12x4.25	5	B14DS28	112	66.5	40
RRJ39198	12x7.00	5	B14ES28	140	94	0
RRJ38511	12x8.50IH2	5	B14EC80	140	94	0
RRJ38514	12x8.50IH2	5	B14ES28	140	94	0
RRJ38536	12x8.50IH2	4	B12EC60	101.6	66.7	-38
MCJ37060	12x10.50IH2	4	B12EC60	100	60	0
MCJ37481	12x10.50IH2	5	B14ES24	112	67	0
RRJ38392	12x10.50IH2	5	B14ES28	140	94	0
RRJ39469	12x10.50IH2	5	B14ES28	140	94	-30
RRJ38427	12x10.50LBH2	5	B14ES28	140	94	-24
RRJ38426	12x10.50LBH2	5	B14ES28	140	94	-40
RRJ38446	14x3.75I	5	B14EC90	140	94	0
RRB38383	14x5.5JH2	6	M18	205	161	104.5
RRB39124	15x6JH2	5	B14ES28	140	94	60
MCN37996	15x6LB H2	6	B12EC90	205	161	6.9
RRJ38454	15x7J	5	B14ES28	140	94	15
RRN39009	15x7J	5	B14DS28	112	66.5	30
MCN37074	15x7JA	6	B12EC60	180	140	30
MCN37081	15x7JA	6	B14IC60	180	150	60
MCN37076	15x7JA	6	B14EC60	152.4	118	28
MCN37078	15x7JA	6	B14EC60	152.4	118	-10
MCN37080	15x7JA	6	B14EC60	240	182	117
MCN37079	15x7JA	6	M16	240	190.5	99
MCN37075	15x7JA	9	M12	215	190	-3
MCN37362	15x7JA	10	M10	100	76	122.1
MCN37363	15x7JA	10	M10	100	57	122.1
RRN38004	15x7JH2	6	B18DS32	205	161	67
MCJ37634	15x8LB	6	B10EC60	140	93	10
MCJ37086	15x8LB	6	B12EC90	152.4	117.5	30
MCN36113	15x8LB	6	B14EC90	152.4	117.6	50
RRB38456	15x8LBH2	5	B14EC60	130	78	21
RRN39123	15x8LBH2	5	B14ES28	140	94	0
RRJ38402	15x8LBH2	5	B14DS28	160	110	-28
RRJ38401	15x8LBH2	6	B18ES32	205	161	-5
RRB38393	15x8LBH2	6	B18DS32	205	161	18
RRJ38453	15x8LBH2	6	B18DS32	205	161	60
RRJ38406	15x10LBH2	5	B14DS28	160	110	-25
RRJ38450	15x10LBH2	5	B14ES28	112	66.5	-23
RRJ39205	15x10LBH2	6	B14ES28	225	192	-8
RRJ39122	15x13LBH2	5	B14ES28	112	66.5	-50

## SECTION V: FIXED WHEELS

Part Number	Wheel Size	Number of Bolt Holes	Bolt Hole Size	Bolt Circle	Center Bore	Inset
RRJ38473	15x13LBH2	5	B14ES28	112	66.5	0
RRN39417	15x13LBH2	6	Straight	205	161	-40
RRJ38396	15x13LBH2	6	B18DS32	205	161	-60
RRJ38472	15x13LBH2	6	B18DS32	205	161	-45
RRJ38488	15x13LBH2	6	B18DS32	205	161	-35
RRJ38499	15x13LBH2	6	B18DS32	205	161	0
RRJ38400	15x13LBH2	6	B18ES32	205	161	-85
RRJ38521	15x13LBH2	6	B18ES32	205	161	37
RRJ38449	15x13LBH2	8	B12EC90	165.1	130.8	-67
RRJ38641	15.3x9.00	4	M14	140	94	-50
RRJ38616	15.3x9.00	5	B14ES28	160	110	-25
RRJ38661	15.3x9.00	5	B14ES28	112	66.5	0
RRJ38709	15.3x9.00	5	B14ES28	112	66.5	10
RRJ38688	15.3x9.00	5	B14ES28	112	66.5	40
RRJ38572	15.3x9.00	5	B14ES28	140	95	0
RRJ38767	15.3x9.00	5	B14ES28	205	157	-5
RRJ38561	15.3x9.00	5	B14ES28	205	157	0
RRJ38642	15.3x9.00	5	B14ES28	140	94	-20
RRJ38710	15.3x9.00	5	B14ES28	140	94	-32
RRJ39412	15.3x9.00	5	Straight	206	star	34
RRJ38730	15.3x9.00	6	B14DC90	152.4	117.5	26
MCJ37094	15.3x9.00	6	B14ES28	140	100.5	0
MCJ37093	15.3x9.00	6	B16ES28	140	100.5	0
RRJ38619	15.3x9.00	6	B18DS32	205	161	40
RRJ38620	15.3x9.00	6	B18DS32	205	161	-40
RRJ38670	15.3x9.00	6	B18DS32	205	161	80
MCJ37338	15.3x9.00	6	B18ES32	205	161	0
MCJ37364	15.3x9.00	6	B18ES32	205	161	0
MCJ37409	15.3x9.00	6	B18ES32	205	161	0
RRJ38582	15.3x9.00	6	B18ES32	205	161	-5
RRJ38595	15.3x9.00	6	B18ES32	205	161	-50
RRJ38662	15.3x9.00	6	B18ES32	205	161	20
RRJ38556	15.3x9.00	6	B18ES32	205	161	-30
RRJ38559	15.3x9.00	6	B18ES32	205	161	-5
RRJ38591	15.3x9.00	6	B18ES32	205	161	-25
RRJ38632	15.3x9.00	6	B18ES32	205	161	-59
RRN39275	15.3x9.00	6	B18ES32	205	161	0
RRN39416	15.3x9.00	6	M18	205	161	59
RRJ39394	15.3x9.00	10	B14ES28	140	94	63
RRJ38851	15.5xAG13.00	6	B18ES32	205	161	-15
RRJ38869	15.5xAG13.00	6	B18ES32	205	161	-15
RRJ39374	15.5xAG13.00	6	B18ES32	205	161	0
RRJ39410	15.5xAG13.00	10	B22ES36	225	176	-15

V

## SECTION V: FIXED WHEELS

Part Number	Wheel Size	Number of Bolt Holes	Bolt Hole Size	Bolt Circle	Center Bore	Inset
MCJ36132	15.5xAG13.00TH2	6	B14ES28	140	100.5	-15
MCJ37485	15.5xAG13.00TH2	6	B18DS32	205	161	0
MCJ37340	15.5xAG13.00TH2	6	B18ES32	205	161	-15
MCJ37341	15.5xAG13.00TH2	6	B18ES32	205	161	-15
MCJ37368	15.5xAG13.00TH2	6	B18ES32	205	161	0
MCJ37100	15.5xAG13.00TH2	8	B14DC90	203.2	152.4	-72
TEJ35154	16x4.00E	6	Straight	152	115	10
TEJ35430	16x4.00E	6	Straight	152	115	28
TEJ35153	16x4.00E	6	Straight	152	117.7	10
TEJ35289	16x5.50F	6	Straight	152	115	0
TEJ35561	16x5.50F	6	Straight	152	115	5
TEJ35155	16x5.50F	6	Straight	152	117.7	0
RRB39429	16x6JH2	5	B14ES28	140	94	68
RRB38448	16x6JH2	6	B18DS32	205	161	45
RRB38973	16x6JH2	6	B18ES32	205	161	-5
RRB39064	16x6JH2	6	B18ES32	205	161	0
RRB39404	16x6JH2	6	B18ES32	205	161	20
MCN37486	16x6LB	5	M14	140	93.8	28
MCN37106	16x8LB	6	B18ES32	205	161	0
MCN37104	16x8LB	6	M16	240	190.5	115
MCN36006	16x8LB	8	M14	203.2	153.2	-40
MCN37487	16x8LB	10	M10	100	57	138
MCN37588	16x8LB	10	M10	100	57	138
TEJ35534	16xW8	5	Straight	150	111	-8
RRN38171	16xW8L	6	B18ES32	205	161	-25
RRJ38757	16xW8L	6	B18DS32	205	161	19.5
RRB38447	16x8JH2	6	B18ES32	205	161	0
RRB38441	16x8JH2	6	B18ES32	205	161	40
MCN36201	16x10LB	6	B14EC60	180	140	-45
MCN37438	16x10LB	6	M18	180	141	-10
MCN37369	16x10LB	6	M20	180	133	15
RRB39125	16x10LB	6	B18DS32	205	161	60
MCN37108	16x10LB	6	B18ES32	205	161	0
RRN38455	16x10LB	6	B19ES44.8	205	142	-35
RRN38102	16x11	6	B18ES32	205	161	-63.5
RRJ38651	16x11	6	B18DS32	205	161	-50
RRJ38627	16x11	6	B18ES32	205	161	0
RRJ38597	16x11	6	B18DS32	205	161	-30
RRJ39245	16x11	6	B18DS32	205	161	-30
RRJ38587	16x11	6	B18DS32	205	161	40
MCN37319	16x14.00	6	M18	205	160.9	73
MCN37589	16.5x8.25	6	B12EC90	152.4	117.5	5
MCN37906	16.5x8.25	6	B12EC90	152.4	117.4	9.5

## SECTION V: FIXED WHEELS

Part Number	Wheel Size	Number of Bolt Holes	Bolt Hole Size	Bolt Circle	Center Bore	Inset
MCN37899	16.5x8.25	8	B14DC90	203.2	152.4	-29
MCN37904	16.5x8.25	8	B14DC90	203.2	152.4	9
MCN37122	16.5x8.25	8	B14DC90	203.2	152.4	15
MCN37126	16.5x8.25	8	B14EC60	203.2	152.4	9
MCN37902	16.5x8.25	8	B14EC90	203.2	152.4	-22.4
MCN37118	16.5x8.25	8	B14EC90	203.2	152.5	9.5
MCN37119	16.5x8.25	8	B18ES32	260	221	-26
MCN37120	16.5x8.25	9	B14EC90	241.3	203.2	-53
MCN37121	16.5x8.25	9	B14EC90	241.3	203.2	-14
MCN37439	16.5x8.25	10	M14	140	95	20
RRN38260	16.5xAG8.25	4	B18ES44.8	275	221	5
RRN38267	16.5xAG8.25	5	B14ES28	140	94	-20
RRN39155	16.5xAG8.25	6	B18DS32	205	161	-40
RRN38238	16.5xAG8.25	6	B18ES32	170	120	-31
RRN38239	16.5xAG8.25	8	B14EC90	203.2	152.4	9.5
MCN37687	16.5x9.75	5	B14EC60	152.4	72	39
MCN37134	16.5x9.75	5	B14ES28	140	95	25
MCN37414	16.5x9.75	6	B18ES32	205	161	-30
MCN37131	16.5x9.75	6	M18	190	140	-30
MCN37375	16.5x9.75	6	M18	205	160	-35
MCN37442	16.5x9.75	6	M18	215	170.2	-32.5
MCN37907	16.5x9.75	8	B14DC90	203.2	152.5	-22
MCN37599	16.5x9.75	8	B14EC60	203.2	152.4	-62.5
MCN37909	16.5x9.75	8	B14EC90	203.2	152.4	-49.2
MCN37416	16.5x9.75	8	B14EC90	203.2	152.4	-11
MCN37441	16.5x9.75	8	B14EC90	203.2	152.4	9.6
MCN37688	16.5x9.75	8	B14EC90	203.2	152.4	12
MCN37135	16.5x9.75	8	B14EC90	203.2	152.4	16
MCN37903	16.5x9.75	8	B14EC90	203.2	152.4	28.6
MCN37563	16.5x9.75	8	B14EC90	203.2	152.5	36
MCN37910	16.5x9.75	8	M18	275	221.4	50
MCN37444	16.5x9.75	8	M18	275	221.5	49.7
MCN37681	16.5x9.75	8	M20	275	221	19
RRN38258	16.5xAG9.75	4	B19ES44.8	275	221	-50
RRN38221	16.5xAG9.75	6	B18ES32	205	161	-30
RRJ38783	16.5xAG9.75	6	B18ES32	205	161	0
RRJ38842	16.5xAG9.75	6	B18DS32	205	161	45
RRN38247	16.5xAG9.75	8	B14EC90	203.2	152.4	20
RRN38101	17x13.00	4	B19ES44.8	275	221	-100
RRJ38557	17x13.00	6	B18DS32	205	161	-54
RRJ39244	17x13.00	6	B18DS32	205	161	-54
RRJ38707	17x13.00	6	B18DS32	205	161	-49
RRJ38674	17x13.00	6	B18DS32	205	161	20

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## SECTION V: FIXED WHEELS

Part Number	Wheel Size	Number of Bolt Holes	Bolt Hole Size	Bolt Circle	Center Bore	Inset
RRJ38687	17x13.00	6	B18DS32	205	161	45
RRJ38690	17x13.00	6	B18DS32	205	161	66
RRJ39397	17x13.00	6	B18DS32	205	161	85
RRJ38765	17x13.00	6	B18ES32	205	161	-140
RRJ38667	17x13.00	6	B18ES32	205	161	-117.5
RRJ39257	17x13.00	6	B18ES32	205	161	-85
RRJ38628	17x13.00	6	B18ES32	205	161	-40
RRJ38550	17x13.00	6	B18ES32	205	161	0
RRJ39233	17x13.00	6	B18ES32	205	161	0
MCJ36247	17x13.00	8	B14EC90	203.2	152.4	-30
MCJ37575	17x13.00	8	B14EC90	203.2	152.4	-15
RRJ39453	17x16.00	6	B18DS32	205	161	-70
RRJ38694	17x16.00	6	B18ES32	205	161	-100
RRJ38650	17x16.00	6	B18ES32	205	161	-92
RRJ38618	17x16.00	6	B18ES32	205	161	-80
RRJ38615	17x16.00	6	B18ES32	205	161	-70
RRJ38683	17x16.00	6	B18ES32	205	161	-60
RRJ39461	17x16.00	6	B18ES32	205	161	-55
RRJ39398	17x16.00	6	B18ES32	205	161	-50
RRJ38553	17x16.00	6	B18ES32	205	161	-35
RRJ38599	17x16.00	6	B18ES32	205	161	-35
RRJ38598	17x16.00	6	B18ES32	205	161	0
RRJ39434	17x16.00	8	B18ES32	275	221	-50
RRJ38600	17x16.00	8	B18ES32	275	221	-35
RRJ38603	17x16.00	8	B18ES32	275	221	-35
RRJ38593	17x16.00	8	B18ES32	275	221	0
RRJ38717	17x16.00	8	B22ES36	275	221	-35
RRJ39159	17x16.00	8	Straight	275	221	-20
RRJ38630	17x16.00	10	B22ES36	225	176	0
RRJ38732	17x16.00H2	8	B22ES36	275	221	0
RRN38257	17.5x10.50	5	B19ES44.8	335	291	36
MCJ37897	17.5x10.50	8	B14EC90	203.2	152.4	-47.9
MCN37139	17.5x10.50	8	B18ES32	260	221	11.5
MCJ37411	17.5x6.75HC	6	B18ES32	205	161	0
MCJ37372	17.5x6.75HC	6	B19DS44	222.25	164	0
MCJ37576	17.5x6.75HC	8	B14EC90	203.2	152.4	-38
MCN37995	17.5x6.75HC	8	B18EC90	275	221	10
RRN38266	17.5xAG6.75	10	B22ES36	225	176	55
TEJ35158	18x5.50F	6	Straight	152	117.9	10
RRN38081	18x9	5	B18ES44.8	335	292	18
MCN37447	18x9	5	B19ES44.4	335	290	29
RRN38080	18x9	6	B18DS32	205	161	-40
RRJ38460	18x9	6	B18DS32	205	161	37

## SECTION V: FIXED WHEELS

Part Number	Wheel Size	Number of Bolt Holes	Bolt Hole Size	Bolt Circle	Center Bore	Inset
RRN38036	18x9	6	B18ES32	205	161	-30
RRJ38588	18x9	6	B18ES32	205	161	0
RRN38178	18x9	6	B18ES32	205	161	38
MCN37346	18x9	8	B18ES32	260	221	-63
RRJ38646	18x9	8	B18ES32	275	221	0
RRN38045	18x9	8	B22DS36	275	221	0
RRN39428	18x9	8	B22DS36	275	221	22
MCN37446	18x9	8	M18	275	221	-6
MCN37140	18x9	8	M20	275	221	-62.5
MCN37448	18x9	10	M18	322	281	-6
RRN39421	18x11	5	B19ES44.8	335	291	-46
RRN38099	18x11	5	B19ES44.8	335	291	-20
RRN38126	18x11	5	B19ES44.8	335	291	-7
RRN38103	18x11	5	B18ES44.8	335	291	32
RRJ38584	18x11	6	B18DS32	205	161	-45
RRJ38579	18x11	6	B18DS32	205	161	-35
RRJ38746	18x11	6	B18DS32	205	161	25
RRN38024	18x11	6	B18DS32	205	161	35
RRJ38609	18x11	6	B18DS32	205	161	60
RRJ38571	18x11	6	B18DS32	205	161	75
RRJ39415	18x11	6	B18ES32	205	161	-50
RRJ38656	18x11	6	B18ES32	205	161	-5
RRJ38554	18x11	6	B18ES32	205	161	0
RRJ38575	18x11	6	B18ES32	205	161	0
RRN38154	18x11	8	B18DS32	275	221	40
RRJ38623	18x11	8	B18ES32	205	161	50
RRJ38577	18x11	8	B18ES32	275	221	0
RRJ39385	18x11	8	B22DS36	275	221	-80
RRJ38578	18x11	8	B22DS36	275	221	-35
RRN39447	18x11	8	B22DS36	275	221	10
RRN38009	18x11	8	B22DS36	275	221	22
RRN38052	18x11	8	B22DS36	275	221	30
RRN38186	18x11	8	B22DS36	275	221	35
RRN38056	18x11	8	B22DS36	275	221	40
RRJ39407	18x11	8	B22ES36	275	221	-50
RRJ38576	18x11	8	B22ES36	275	221	0
RRN38166	18x11	8	B22ES36	275	221	0
MCN37144	18x11	8	M18	275	221	-21.5
MCN37449	18x13	6	M18	180	141	-50
MCN37347	18x13	6	M20	180	133	-20
RRJ38607	18x13	6	B18ES32	205	161	0
RRJ38624	18x13	6	B18ES32	205	161	0
RRN38050	18x13	6	B18DS32	205	161	-40

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## SECTION V: FIXED WHEELS

Part Number	Wheel Size	Number of Bolt Holes	Bolt Hole Size	Bolt Circle	Center Bore	Inset
RRN38161	18x13	6	B18DS32	205	161	40
RRN38073	18x13	8	B18DS32	275	221	15
RRJ38654	18x13	8	B18ES32	275	221	0
RRN38014	18x13	8	B22DS36	275	221	-35
RRJ39185	18x13	8	B22DS36	275	221	0
RRN39448	18x13	8	B22DS36	275	221	15
RRN38046	18x13	8	B22DS36	275	221	30
RRN38061	18x13	8	B22DS36	275	221	65
RRN38060	18x13	8	B22DS36	275	221	70
RRJ38608	18x13	8	B22ES36	275	221	0
MCB37762	19.5x6.75	8	B14EC90	203.2	152.4	0
MCB37146	19.5x6.75	8	B19DS44	285	221	135
MCJ36100	19.5x6.75	8	B14DC90	203.2	152.4	28.6
MCJ37152	19.5x7.50	6	B18ES32	205	161	-5
MCJ37377	19.5x8.25	6	B18ES32	205	161	0
MCJ37542	19.5x8.25	6	B18ES32	205	161	0
MCJ36245	19.5x8.25	8	M22	275	221	0
MCJ36008	19.5x14.00	8	B18ES32	275	221	0
MCJ37381	19.5x14.00	10	B22ES36	225	176	0
MCJ37380	19.5x14.00	10	B22ES36	335	281	0
RRN38255	19.5xAG14.00	6	B18ES32	205	161	0
RRJ38885	19.5xAG14.00	8	B22ES36	275	221	0
RRN38251	19.5xAG14.00	10	B22ES36	225	176	0
RRN38235	19.5xAG14.00	10	B22DS36	335	281	-75
RRN38232	19.5xAG14.00	10	B22DS36	335	281	-10
RRN38230	19.5xAG14.00	10	B22DS36	335	290.4	-75
RRN38174	20x11	5	B18ES44.8	335	291	1
RRN38175	20x11	5	B18ES44.8	335	291	41
RRN38019	20x11	6	B18DS32	205	161	50
RRJ38563	20x11	6	B18ES32	205	161	0
RRJ38679	20x11	6	B18ES32	205	161	75
RRJ38672	20x11	8	B18DS32	275	221	-25
MCN37160	20x11	8	B18ES32	275	221	-17
RRJ38606	20x11	8	B18ES32	275	221	0
RRN38034	20x11	8	B22DS36	275	221	-40
RRN38012	20x11	8	B22DS36	275	221	10
RRN38013	20x11	8	B22DS36	275	221	10
RRN38121	20x11	8	B22DS36	275	221	20
RRJ38649	20x11	8	B22ES36	275	221	0
RRJ38659	20x11	8	B22ES36	275	221	0
RRN38008	20x11	8	B22ES36	275	221	22
RRJ38601	20x11	8	B22ES36	275	221	30
RRN38085	20x11	8	B22ES36	275	221	35

## SECTION V: FIXED WHEELS

Part Number	Wheel Size	Number of Bolt Holes	Bolt Hole Size	Bolt Circle	Center Bore	Inset
RRN38020	20x11	8	B22ES36	275	221	58
MCN36082	20x11	9	B14EC90	241.3	201.6	-25.4
RRN38091	20x11H2	8	B22ES36	275	221	-40
RRN38176	20x13	5	B18ES44.8	335	291	21
RRN38048	20x13	6	B18ES32	205	161	-45
RRJ38610	20x13	8	B18DS32	205	161	0
RRJ39411	20x13	8	B18DS32	275	221	-50
RRN38078	20x13	8	B18ES32	275	221	0
RRN38195	20x13	8	B22DS36	275	221	0
RRN39449	20x13	8	B22DS36	275	221	15
RRN38042	20x13	8	B22DS36	275	221	35
RRJ39128	20x13	8	B22DS36	275	221	50
RRN38030	20x13	8	B22DS36	275	221	70
RRN38028	20x13	8	B22DS36	275	221	80
RRN39467	20x13	8	B22ES36	275	221	-50
RRJ38631	20x13	8	B22ES36	275	221	0
RRN38026	20x13	8	B22ES36	275	221	10
RRN35767	20x13	8	B22ES36	275	221	10
RRN38072	20x13	8	B22ES36	275	221	20
RRN38015	20x13	8	B22ES36	275	221	30
MCN37162	20x13	8	M22	275	221	31
RRJ38691	20x13	10	B22ES36	335	281	0
RRJ38611	20x14	6	B18ES32	205	161	0
RRJ38637	20x14	6	B18ES32	205	161	40
RRJ38648	20x14	8	B18DS32	275	221	-40
RRJ38567	20x14	8	B18ES32	275	221	0
RRJ38602	20x14	8	B22DS36	275	221	10
RRJ38612	20x14	8	B22ES36	275	221	0
RRN38151	20x14	8	B22ES36	275	221	40
RRJ38625	20x16	6	B18ES32	205	161	0
RRJ38626	20x16	8	B18ES32	275	221	0
RRN38143	20x16	8	B22DS36	275	221	-50
RRJ38705	20x16	8	B22DS36	275	221	-20
RRJ38700	20x16	8	B22ES36	275	221	0
RRJ38668	20x16	10	B22ES36	335	281	0
MCB37593	22.5x7.50	10	M22	335	281	148
MCB37579	22.5x9.00	10	M22	335	281	161
MCJ36102	22.5x11.75	8	B14DC90	203.2	152.4	-28.5
MCB37190	22.5x11.75	8	B18ES32	260	221	15
MCJ37350	22.5x11.75	8	B18ES32	275	221	0
MCJ37520	22.5x11.75	8	B18ES32	275	221	0
MCJ37349	22.5x11.75	9	B16ES28	241.3	200.5	50
MCB37194	22.5x12.25	10	M22	285.75	220	101.6

**V**

## SECTION V: FIXED WHEELS

Part Number	Wheel Size	Number of Bolt Holes	Bolt Hole Size	Bolt Circle	Center Bore	Inset
MCB36105	22.5x12.25	10	M22	285.75	220	120
MCB37184	22.5x11.75	10	M22	285.75	220	141
MCJ37387	22.5x11.75	10	B22ES36	335	281	0
MCB37606	22.5x11.75	10	M22	335	281	135
MCN37965	22.5x11.75	16	M14	305	271.8	-7
RRJ38911	22.5xAG11.75H	6	B18ES32	205	161	-40
RRJ39235	22.5xAG11.75H	8	B22DS36	275	221	-50
RRJ38907	22.5xAG11.75H	8	B22ES36	275	221	0
MCJ37791	22.5x13.00	8	B14EC90	203.2	152.5	7
MCJ36021	22.5x13.00	8	B16DC90	203.2	152.7	8
MCJ36110	22.5x13.00	8	M22	275	221	32
MCB37608	22.5x13.00	10	M18	285.75	220.5	0
MCJ37198	22.5x13.00	10	M18	285.75	223.2	0
MCJ37200	22.5x14.00	9	M14	241.3	200.4	-36
MCJ37203	22.5x14.00	10	B22ES36	335	281	-26.5
MCJ37388	22.5x14.00	10	B22ES36	335	281	0
MCJ37201	22.5x14.00	11	B19ES44	335	281	-78
RRJ38823	22.5xAG14.00	8	B18ES32	275	221	0
RRN39482	22.5xAG14.00	8	B22DS36	275	221	12
RRN39458	22.5xAG14.00	8	B22ES36	275	221	-18
RRJ38837	22.5xAG14.00	8	B22ES36	275	221	0
RRJ38829	22.5xAG14.00	10	B22ES36	335	281	0
RRJ39435	22.5xAG14.00	10	B22ES36	335	281	65
RRN39451	22.5xAG14.00	10	Straight	335	281	25
MCJ37940	22.5x16.00	8	B16EC90	203.2	152.4	-57.2
MCJ36217	22.5x16.00	8	M14	203.2	152.65	0
MCJ36112	22.5x16.00	10	M22	285.75	221	-46
RRJ39382	22.5xAG16.00TH2	6	B18ES32	205	161	-95
MCJ37355	22.5xAG16.00TH2	6	B18ES32	205	161	0
RRJ39278	22.5xAG16.00TH2	6	B18ES32	205	161	0
MCJ37356	22.5xAG16.00TH2	8	B14DC90	275	221	-48
RRJ39334	22.5xAG16.00TH2	8	B18ES32	275	221	-50
MCJ37651	22.5xAG16.00TH2	8	B18ES32	275	221	0
MCJ39335	22.5xAG16.00TH2	8	B18ES32	275	221	0
RRJ39335	22.5xAG16.00TH2	8	B18ES32	275	221	0
MCJ37006	22.5xAG16.00TH2	8	B18ES32	275	221	50
MCJ36225	22.5xAG16.00TH2	8	B18ES32	275	221	65
RRJ39292	22.5xAG16.00TH2	8	B22ES36	275	221	-50
MCJ37007	22.5xAG16.00TH2	8	B22ES36	275	221	-15
RRJ39367	22.5xAG16.00TH2	8	B22ES36	275	221	-15
RRJ39277	22.5xAG16.00TH2	8	B22ES36	275	221	0
MCJ37924	22.5xAG16.00TH2	10	M18	285.75	221.3	0

## SECTION V: FIXED WHEELS

Part Number	Wheel Size	Number of Bolt Holes	Bolt Hole Size	Bolt Circle	Center Bore	Inset
MCJ37795	22.5xAG16.00TH2	10	M18	285.75	224	0
RRJ39409	22.5xAG16.00TH2	10	B22DS36	335	281	-100
RRJ39432	22.5xAG16.00TH2	10	B22DS36	335	281	70
RRJ39377	22.5xAG16.00TH2	10	B22ES36	335	281	-70
RRJ39293	22.5xAG16.00TH2	10	B22ES36	335	281	-50
MCJ37009	22.5xAG16.00TH2	10	B22ES36	335	281	-15
MCJ39276	22.5xAG16.00TH2	10	B22ES36	335	281	0
RRJ39399	22.5xAG16.00TH2	10	B22ES36	335	281	50
MCJ36067	22.5xAG20.00	10	M22	285.75	221	-97
MCJ37332	22.5xAG20.00TH2	8	B14DC90	203.2	152.4	-48
MCJ37005	22.5xAG20.00TH2	8	B18ES32	275	221	0
MCJ39338	22.5xAG20.00TH2	8	B18ES32	275	221	0
MCJ39294	22.5xAG20.00TH2	8	B22ES36	275	221	-100
RRJ39295	22.5xAG20.00TH2	8	B22ES36	275	221	-50
MCJ39296	22.5xAG20.00TH2	8	B22ES36	275	221	0
MCJ37736	22.5xAG20.00TH2	10	B19DS44	285.75	224.3	-42.8
MCJ36111	22.5xAG24.00	10	B19ES44	285.75	222	-75
MCJ36125	22.5xAG20.00TH2	10	M18	285.75	220	0
MCJ37735	22.5xAG20.00TH2	10	M20	285.75	220.2	-42.8
MCJ39297	22.5xAG20.00TH2	10	B22ES36	335	281	-100
MCJ39298	22.5xAG20.00TH2	10	B22ES36	335	281	-50
MCJ39299	22.5xAG20.00TH2	10	B22ES36	335	281	0
MCJ36058	22.5xAG20.00TH2	10	M22	335	281	0
MCJ39341	22.5xAG24.00TH2	8	B18ES32	275	221	0
MCJ39302	22.5xAG24.00TH2	8	B22ES36	275	221	0
MCJ37859	22.5xAG24.00TH2	10	B19DS44.4	285.75	224.3	-93.6
MCJ37334	22.5xAG24.00TH2	10	M18	285.75	220	-48
MCJ37737	22.5xAG24.00TH2	10	M20	285.75	220.2	-93.6
MCJ37401	22.5xAG24.00TH2	10	M20	285.75	221	-101.6
MCJ37858	22.5xAG24.00TH2	10	M22	285.75	221	-50.8
MCJ39304	22.5xAG24.00TH2	10	B22ES36	335	281	-50
MCJ39305	22.5xAG24.00TH2	10	B22ES36	335	281	0
MCJ37032	22.5xAG24.00TH2	10	M20	335	281	0
MCN37207	24x9	10	M20	285.75	228.8	-23.8
MCN37208	24x9	10	M22	285.75	229	67.4
MCN37205	24x9	10	B22ES44.4	335	282.5	-13.2
MCJ37209	24xW10	8	B19ES44	275	220.3	20
MCJ37389	24xW10	8	M20	275	221	-25.4
MCN36075	24x10	10	M18	335	281	8
MCN37351	24.5x11.75	9	M16	241.3	201.5	-61.5
MCJ37213	24xW12	6	B18S32	205	161	0
MCJ36195	24xW12	8	B22DS36	275	221	-19
MCJ37210	24xW12	8	B22ES36	275	221	-14

**V**

## SECTION V: FIXED WHEELS

Part Number	Wheel Size	Number of Bolt Holes	Bolt Hole Size	Bolt Circle	Center Bore	Inset
MCJ37817	24xW12	8	B22ES36	275	221	50
MCJ37212	24xW12	10	M18	335	280.43	19.7
MCJ37211	24xW12	10	M20	335	281	11.8
MCN37215	24x13	8	B18EC90	275	221	19
RRJ35775	24xDW13L	8	B18DS32	275	221	-40
RRN39199	24xDW13L	8	B18DS32	275	221	0
RRN39208	24xDW13L	8	B22DS36	275	221	35
RRJ38778	24xDW13L	8	B22DS36	275	221	50
RRN39261	24xDW13L	8	B22DS36	275	221	70
RRN39436	24xDW13L	8	B22ES36	335	281	-40
RRN39423	24xDW13L	8	B22ES36	335	281	-15
RRN39126	24xDW13L	8	B22ES36	335	281	0
RRN39173	24xDW13L	8	B22ES36	335	281	10
RRN39405	24xDW13L	8	B22ES36	335	281	29
RRN39187	24xDW13L	10	B22DS36	335	281	-40
RRN35768	24xDW13L HD	8	B22ES36	275	221	10
RRN38211	24xDW14L	5	B18ES44.8	335	291	20
RRN39127	24xDW14L	8	B22DS36	275	221	0
RRJ38761	24xDW14L	8	B22DS36	275	221	10
RRN38213	24xDW14L	8	B22ES36	335	281	45
RRJ38760	24xDW14L	10	B22DS36	335	281	10
RRN39255	24xDW14L	10	B22DS36	335	281	20
RRN35769	24xDW14L HD	8	B22ES	275	221	45
MCJ37452	24xW15L	5	B18ES44.8	335	290	36
MCJ37453	24xW15L	10	M20	335	280.2	38.1
MCJ37655	24xW15L	10	M22	335	281	32.5
RRN39441	24xDW15L	10	B22DS36	335	281	5
RRN39440	24xDW15L	10	B22DS36	335	281	20
MCJ37218	24xW15L	12	M22	210	156.5	-19
RRN39134	24xDW16L	8	B22ES36	335	281	0
RRJ38768	24xDW16L	10	B22DS36	335	281	25
RRN39180	24xDW16L	10	B22ES36	335	281	0
RRN39254	24xDW16L	10	B22ES36	335	281	40
MCN36013	24xDW16L	10	M20	335	281	-110.5
RRN39474	24xDW16L HD	10	B22ES36	335	281	0
RRN39478	24xDW16L HD	10	B22ES36	335	281	40
MCN37352	24.5x15.00	11	B19ES44	335	281.2	-58
RRN38098	25x12.00/1.3	5	B21.5EC44.8	335	291	-20
RRN38115	25x12.00/1.3	8	B22ES36	275	221	15
MCN37227	25x13.00/1.4	10	M20	285.75	228.8	-75
MCN37230	25x13.00/1.4	10	M22	285.75	229	-14.8
MCN36146	25x13.00/1.4	10	M22	335	281	-5
MCN36234	25x13.00/1.4	12	M22	245	191	-87.5

## SECTION V: FIXED WHEELS

Part Number	Wheel Size	Number of Bolt Holes	Bolt Hole Size	Bolt Circle	Center Bore	Inset
MCN37850	25x13.00/1.4	12	M22	245	191	-87.5
MCN37725	25x13.00/1.4	13	M22	230	170.5	-30
RRN38197	25x14.00/1.3	8	B22ES36	275	221	25
RRN38107	25x14.00/1.3	10	B14ES28	140	94	10
RRN38165	25x14.00/1.3	10	B22DS36	335	281	-30
RRN38182	25x14.00/1.3	10	B22DS36	335	281	-15
RRN39265	25x14.00/1.3	10	B22DS36	335	281	5
RRN38205	25x14.00/1.3	10	B22DS36	335	281	25
MCN37394	25x14.00/1.5	10	B19ES36	335	281	40
MCN37049	25x14.00/1.5	10	B22ES36	335	281	25
MCN37034	25x14.00/1.5	12	B22ES36	425	371	-20
RRN39454	25xDW13L	8	B22DS36	275	221	-35
MCJ37430	26xDW16A	10	M18	285.75	224	0
MCJ37231	26xDW16A	10	M20	335	281	-110.5
MCJ37455	26xDW16A	10	M20	335	281	5
MCN37232	26xDW20A	10	B22ES36	335	281	75
MCN37525	26xDW20A	10	B22ES36	335	281.2	50
MCN37431	26xDW20A	10	B22ES36	335	282	80
MCN37236	26xDW20A	10	M18	335	281	72
MCN37245	26xDW20A	10	M20	335	280.2	87
MCN37235	26xDW20A	10	M20	335	281.2	25.5
MCN37233	26xDW20A	10	M20	335	281.2	94.5
MCN37234	26xDW20A	12	B22ES36	480	438	58.5
MCN37238	26xDW20A	12	M22	425	371	91.8
MCN37243	26xDW20A	16	M18	400	350.75	-98.3
MCJ37933	26xDW20B	10	B22ES36	335	281	0
MCN37567	26xDW25A	10	M18	285.75	221.1	0
MCJ37680	26xDW25A	10	M18	285.75	221.3	0
MCN36224	26xDW25A	12	B22ES36	425	371	-75
MCN36203	26xDW25A	16	M22	425	370.2	0
MCJ37014	26xDW25B	10	B22ES36	335	281	-90
MCJ36231	26xDW25B	10	M22	335	281	0
MCN36250	26xDW25B	16	M22	425	370.2	-45
MCJ39306	26.5xAG20.00TH2	8	B22ES36	275	221	-100
MCJ39307	26.5xAG20.00TH2	8	B22ES36	275	221	-50
MCJ39308	26.5xAG20.00TH2	8	B22ES36	275	221	0
MCJ39309	26.5xAG20.00TH2	10	B22ES36	335	281	-100
MCJ39310	26.5xAG20.00TH2	10	B22ES36	335	281	-50
MCJ39311	26.5xAG20.00TH2	10	B22ES36	335	281	0
MCJ37325	26.5xAG20.00TH2	10	M18	285.75	220	-48
MCJ37560	26.5xAG20.00TH2	10	M22	335	281	0
MCJ39346	26.5xAG24.00TH2	8	B18ES32	275	221	-50
MCJ37011	26.5xAG24.00TH2	8	B22ES36	275	221	-30

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## SECTION V: FIXED WHEELS

Part Number	Wheel Size	Number of Bolt Holes	Bolt Hole Size	Bolt Circle	Center Bore	Inset
MCJ39316	26.5xAG24.00TH2	10	B22ES36	335	281	-50
MCJ39317	26.5xAG24.00TH2	10	B22ES36	335	281	0
MCJ37726	26.5xAG24.00TH2	10	M18	335	281	-75
MCJ37772	26.5xAG24.00TH2	10	M22	335	281	-50
MCJ37711	26.5xAG28.00TH2	10	B22ES36	335	281	-100
MCJ39318	26.5xAG28.00TH2	10	B22ES36	335	281	-50
MCJ39319	26.5xAG28.00TH2	10	B22ES36	335	281	0
MCN36053	28x10	8	B24ES36	275	222.8	48.6
MCN36003	28x10	10	B19ES44.4	335	282.6	13.7
MCN37946	28x10	10	B22ES36	335	282.6	35.6
MCJ37249	28xW10	8	M20	275	221	-50
MCJ37251	28xW10	10	M18	285.75	221.2	76
RRJ39191	28xW12L	8	B22DS36	275	221	-40
MCN36004	28xW13	8	M22	275	221	-5
MCJ37460	28xW15L	5	B19ES44.4	335	290	60
MCJ36060	28xW15L	8	M18	203.2	140	-6
MCJ37809	28xW15L	10	B19ES44.4	335	281	-22.2
MCJ37259	28xW15L	10	B22ES36	335	281	0
MCJ36123	28xW15L	10	M18	285.75	221.2	70
MCJ37461	28xW15L	10	M18	335	281	-20
MCJ37662	28xW15L	10	M20	335	281	-110.5
RRJ39456	28xDW15L	8	B22DS36	275	221	-70
RRJ39414	28xDW16L	8	B22DS36	275	221	-130
MCJ37038	28xDW16L	10	M20	335	281	-35
MCJ37016	28xDW18L	10	B22ES36	225	176	-90
MCJ37015	28xDW20B	16	M14	305	271	-75
RRJ39077	30xDW14L	8	B22DS36	275	221	-50
MCN37717	30x16	10	B26ES44	365	301	-10
MCJ37734	30xDW16L	8	B18ES32	275	221	0
RRJ39079	30xDW16L	8	B22DS36	275	221	-80
RRJ39143	30xDW16L	8	B22DS36	275	221	0
RRJ38692	30xDW16L	10	B22ES36	335	281	0
MCJ37970	30xDW16L	10	M22	335	281	10
MCJ37020	30xDW16L	16	M14	305	271	-5
MCJ37042	30xDW18L	8	B22DS36	275	221	-70
MCJ37043	30xDW18L	10	M20	335	281	-40
MCJ36233	30xDW18L	10	M20	335	281	30
MCJ36137	30xDW18L	10	M22	335	281	24
MCJ37562	30xDW18L	16	M14	305	271	-11
MCJ37022	30xDW18L	16	M14	305	271	23
MCJ36049	30xDW18L	16	M16	305	271	-85
MCJ37041	30xDW20B	10	M18	335	281	-50
MCJ37972	30xDW23B	10	M22	335	281	-60

## SECTION V: FIXED WHEELS

Part Number	Wheel Size	Number of Bolt Holes	Bolt Hole Size	Bolt Circle	Center Bore	Inset
MCJ37018	30xDW23B	16	M14	305	271	-80
MCJ37017	30xDW23B	16	M14	305	271	-75
MCJ39324	30.5xAG20.00TH2	10	B22ES36	335	281	-50
MCJ39325	30.5xAG20.00TH2	10	B22ES36	335	281	0
MCJ39330	30.5xAG24.00TH2	10	B22ES36	335	281	-50
MCJ39331	30.5xAG24.00TH2	10	B22ES36	335	281	0
MCJ37740	30.5xAG24.00TH2	10	M18	335	280.7	-46
MCJ39332	30.5xAG28.00TH2	10	B22ES36	335	281	-50
MCJ39333	30.5xAG28.00TH2	10	B22ES36	335	281	0
MCJ37666	30.5xAG28.00TH2	10	M18	285.75	221.3	0
MCJ36232	30.5xAG28.00TH2	10	M22	335	281	0
MCJ36180	32xDW21B	8	M22	275	221	35
MCJ37004	32xDW21B	10	M22	335	281	35
MCJ37973	32xDW21B	12	M22	415	366	-24
MCN36204	32xDW21B	16	M22	425	370.2	40
MCJ36170	32xDW27B	10	B22DS36	335	281	-74
MCJ36172	32xDW27B	10	B22ES36	335	281	-74
MCJ36037	32xDW27B	10	B22ES36	335	281	0
MCJ36160	32xDW27B	10	B22ES36	335	281	0
MCJ36173	32xDW27B	10	M18	335	281	38
MCJ36134	32xDW27B	10	M20	335	281	0
MCJ36171	32xDW27B	10	M22	335	281	-100
MCJ37002	32xDW27B	10	M22	335	281	-70
MCJ36059	32xDW27B	10	M22	335	281	-40
MCJ36007	32xDW27B	12	M22	400	351	142.7
MCJ36135	32xDW27B	12	M22	415	366	-70
MCJ36214	32xDW27B	12	M22	415	366	3
MCJ36176	32xDW27B	12	M22	425	371	0
MCJ37023	32xDW27B	16	M18	400	361	-75
MCJ37025	32xDW27B	16	M18	400	361	-16
MCJ37024	32xDW27B	16	M18	400	361	3.5
RRJ38701	34xDW16L	8	B18ES32	275	221	0
RRJ39082	34xDW16L	8	B22DS36	275	221	-30
RRJ39075	34xDW16L	8	B22ES36	275	221	0
RRJ39384	34xDW16L	8	Straight	275	221	-48
RRJ38697	34xDW16L	10	B22ES36	335	281	0
MCJ37026	34xDW23B	16	M18	400	361	-23
MCJ37044	38xDW20B	10	M20	335	281	-40
MCJ37045	38xDW23B	10	M20	335	281	-40
MCJ36138	38xDW25B	12	M22	415	366	-11
MCJ37027	38xDW25B	16	M18	400	361	-60
MCJ37028	38xDW27B	16	M18	400	361	-60
MCJ37978	42xDW23B	12	M22	415	366	-3

V

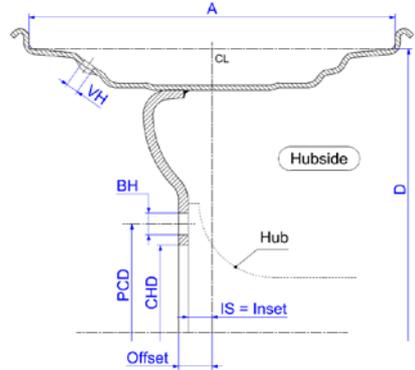
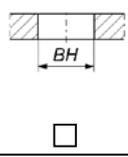
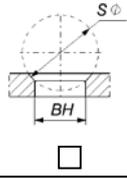
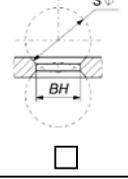
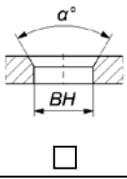
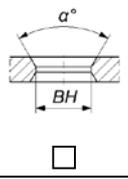
## SECTION V: FIXED WHEELS

Part Number	Wheel Size	Number of Bolt Holes	Bolt Hole Size	Bolt Circle	Center Bore	Inset
MCJ36136	42xDW23B	12	M22	415	366	17
MCJ37029	42xDW23B	16	M20	400	361	-4
MCJ37979	42xDW28B	12	M22	415	366	-67
MCN37322	480x250	12	M14	300	265	-45

# TECHNICAL WHEEL QUESTIONNAIRE

*OHW Fixed & Tubeless Wheel*

GENERAL INFORMATION			
Vehicle Manufacturer:		Customer P/N:	
Equipment Type:		Model:	
Axle Information:		Driven Wheel:	<input type="checkbox"/> No / <input type="checkbox"/> Yes
Notes:			

GENERAL WHEEL INFORMATION					
D – Wheel ø [in.]:					
A - Wheel Width [in.]:					
IS - Inset:					
Offset:					
CH - Center Hole ø:					
PCD Bolt Hole:					
Number of Bolt Holes:					
Type of Bolt Holes:	 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>
BH - Hole ø:					
Countersink:	-	Sø=	mm or in ?	α=	°
Notes:					

FURTHER SPECIFICATIONS / REQUIREMENTS			
Additional Holes:	<input type="checkbox"/> No <input type="checkbox"/> Yes	Valve Hole Dia.:	
Type of Add. Hole:		Used Type of Valve:	
No. & Size:	/	Valve Guard Required:	<input type="checkbox"/> No / <input type="checkbox"/> Yes
PCD Add. Holes:		Valve Guard Type:	
Ventilation Holes:	<input type="checkbox"/> No <input type="checkbox"/> Yes	Evenness Flange Area:	at ø
Type of Vent. Hole:		Run Out Lateral:	
No. of Vent. Holes:		Run Out Radial:	
Size of Holes:		Match Point required:	<input type="checkbox"/> No / <input type="checkbox"/> Yes
Notes:			

WHEEL LOADS		
Load per Wheel:		
Load per Wheel:		
Load per Wheel:		
Used Tire & Sizes:		
Notes:		

PAINTING		
Permitted Process:	<input type="checkbox"/> Wet Paint <input type="checkbox"/> Powder Paint	
Paint Color:		Acc. Spec.:
Paint Color:		Acc. Spec.:
Paint Color:		Acc. Spec.:
Required Thickness:		
Notes:		

WHEEL STAMPING	
Requirements:	
Notes:	

ADDITIONAL TECHNICAL QUESTIONS		
1.	Is the constructed space limited by other components?	<input type="checkbox"/> No / <input type="checkbox"/> Yes
	If yes, is the definition of the available space / constructed space attached to this questionnaire?	<input type="checkbox"/> No / <input type="checkbox"/> Yes
2.	Are there any customer requirements (Technical, Quality, Logistic) to be considered?	<input type="checkbox"/> No / <input type="checkbox"/> Yes
	If yes, are the customer requirements attached to this questionnaire:	<input type="checkbox"/> No / <input type="checkbox"/> Yes
3.		

VOLUMES, INCOTERMS, PACKAGING		
Orders Type:	<input type="checkbox"/> Regular Orders <input type="checkbox"/> Spot order	
Estimated Units pa:		Estimated Order Qty:
Delivery Location:		
Packaging Request:		
Notes:		

ADDITIONAL INFORMATION	
Author:	Name / Company / Phone / E-Mail
CU Technical Contact :	Name / Phone / E-Mail

## SECTION VI: EARTHMOVING WHEELS

Part Number	Wheel Size	Number of Bolt Holes	Shape of Stud Holes	Pitch Circle	Center Bore	Inset	Offset	Wheel Type
TEN35601	20-7.0	8	B22ES36	275	221	-20	-	Multi-Piece -1 (TT)
TEN39133	20-7.0	8	B22DS36	275	221	126	137	Multi-Piece -1 (TT)
TEN39132	20-7.0	8	B22DS36	275	221	142	153	Multi-Piece -1 (TT)
TEN38291	20-7.0	10	B22ES36	335	281	114	125	Multi-Piece -1 (TT)
TEN35618	20-7.0	10	B22IS36	335	281	142	153	Multi-Piece _1 (ST)
TEN38294	20-7.0	10	B22DS36	335	281	142	153	Multi-Piece _1 (ST)
TEN35617	20-7.0	10	B22IS36	335	281	142	153	Multi-Piece -1 (TT)
TEN38277	20-7.0	10	B22DS36	335	281	142	153	Multi-Piece -1 (TT)
TEN38299	20-7.0	10	B22DS36	335	281	142	153	Multi-Piece _1 (ST)
TEN39149	20-7.0	10	B22DS36	335	281	142	153	Multi-Piece -1 (TT)
TEN38288	20-7.0	10	B22DS36	335	281	154	165	Multi-Piece -1 (TT)
MCN37301	20-7.00T	8	B19DS44	335	281	30	-	Multi-Piece -1 (TT)
MCN37842	20-7.00T	10	B22DS36	335	281	113	-	Multi-Piece -1 (TT)
MCN37475	20-7.00T	10	M20	335	281	133	145	Multi-Piece -1 (TT)
MCN37532	20-7.00T	10	M22	335	281	135	147	Multi-Piece -1 (TT)
MCN37533	20-7.00T	10	M22	335	281	135	147	Multi-Piece -1 (TT)
MCN37629	20-7.00T	10	B22DS36	335	281	140	152	Multi-Piece -1 (TT)
MCN36087	20-7.00T	10	M22	335	281	143	155	Multi-Piece -1 (TT)
MCN37536	20-7.00T	10	M20	335	281	150	162	Multi-Piece -1 (TT)
MCN37841	20-7.00T	10	B22DS36	335	281	163	175	Multi-Piece -1 (TT)
MCN37302	20-7.00T	10	B19DS44	390	340	143	155	Multi-Piece -1 (TT)
TEN38268	20-7.5	8	B22ES36	275	221	0	-	Multi-Piece -1 (TT)
TEN35733	20-7.5	10	B22IS36	335	281	114	125	Multi-Piece -1 (TT)
TEN35075	20-7.5	10	B22DS36	335	281	144	155	Multi-Piece -1 (TT)
TEN35498	20-7.5	10	M22	335	281	144	155	Multi-Piece -1 (TT)
TEN39148	20-7.5	10	B22DS36	335	281	144	155	Multi-Piece _1 (ST)
TEN39181	20-7.5	10	B22DS36	335	289.7	144	155	Multi-Piece -1 (TT)
TEN39190	20-7.5	10	B22DS36	335	281	144	155	Multi-Piece -1 (TT)
TEN39146	20-7.5	10	B22DS36	335	281	154	165	Multi-Piece -1 (TT)
TEN39147	20-7.5	10	B22DS36	335	281	154	165	Multi-Piece -1 (TT)
TEN38281	20-7.5	10	B22DS36	335	281	175	186	Multi-Piece -1 (TT)
MCN37305	20-7.50V	9	M14	241.3	201.3	65	-	Multi-Piece (ST)
MCN37395	20-7.50V	10	M22	335	281	143	155	Multi-Piece -1 (TT)
MCN37538	20-7.50V	10	M22	335	281	143	155	Multi-Piece -1 (TT)
MCN37539	20-7.50V	10	M22	335	281	143	155	Multi-Piece -1 (TT)
MCN37781	20-7.50V	10	M22	335	281	143	155	Multi-Piece -1 (TT)
TEN35497	20-8.0	8	B22IS36	275	221	123	134	Multi-Piece -1 (TT)
TEN38269	20-8.0	10	B22DS36	335	281	123	134	Multi-Piece -1 (TT)
TEN39162	20-8.0	10	B22DS36	335	281	154	165	Multi-Piece -1 (TT)
TEN39153	20-8.0	10	B22DS36	335	281	154	165	Multi-Piece _1 (ST)
TEN35428	20-8.0	10	B22DS36	335	281	158	171	Multi-Piece _1 (ST)
TEN39192	20-8.0	10	M22	335	281	158	171	Multi-Piece _1 (ST)

## SECTION VI: EARTHMOVING WHEELS

Part Number	Wheel Size	Number of Bolt Holes	Shape of Stud Holes	Pitch Circle	Center Bore	Inset	Offset	Wheel Type
TEN39188	20-8.0	10	M22	335	281	160	171	EM Wheel -1 (TT)
TEN38283	20-8.0	10	B22DS36	335	281	161	172	EM Wheel -1 (TT)
MCN37307	20-8.00V	10	B22ES36	335	281	0	-	EM Wheel -1 (TT)
MCN37309	20-8.00V	10	M18	335	281	6	-	EM Wheel -1 (TT)
MCN37313	20-9.0	10	B22DS36	335	281	13.8	-	EM Wheel -1 (TT)
MCN37312	20-9.0	10	B22DS36	335	281	36.21	-	EM Wheel -1 (TT)
MCN37273	20-11.00TG	12	M14	330	295.5	43	-	EM Wheel -3 (TT)
MCN37527	21-18.00/1.5	10	M22	335	281	95.25	-	EM Wheel -E3 (TL)
MCN37701	24-10.00/1.7	10	M20	285.75	228.6	75	-	EM Wheel -E3 (TT)
MCN36025	25-10.00/1.5	12	M20	425.45	367.21	-15.5	-	EM Wheel -E3 (TL)
MCN36026	25-11.25/2.0	16	M20	400	350.5	-40	-	EM Wheel -E3 (TL)
MCN37277	25-12.00/1.3	10	M20	400	350.2	53	-	EM Wheel -E3 (TL)
MCN36215	25-14.00/1.5	10	B22ES36	335	281	15	-	EM Wheel -E3 (TL)
MCN37048	25-14.00/1.5	10	B22ES36	335	281	25	-	EM Wheel -E3 (TL)
MCN37035	25-14.00/1.5	12	B22ES36	425	371	-20	-	EM Wheel -E3 (TL)
MCN36027	25-14.00/1.5	16	M20	400	350.5	-51.8	-	EM Wheel -E3 (TL)
MCU50561	25-14.00/1.5	-	-	-	-	-	-	EM Wheel -E3 (TL)
MCN37288	25-17.00/2.0	10	M22	335	281	0	-	EM Wheel -E5 (TL)
MCN37289	25-17.00/2.0	12	M22	425	371	0	-	EM Wheel -E5 (TL)
MCN37031	25-17.00/1.7	12	B22ES36	425	371	10	-	EM Wheel -E5 (TL)
MCN36028	25-17.00/1.7	12	M20	425.45	367.21	2.9	-	EM Wheel -E3 (TL)
MCN37938	25-17.00/1.7	12	B22ES36	475	370	-10	-	EM Wheel -E3 (TL)
MCN36153	25-19.50/2.5	10	B19ES44.4	285.75	221.7	163.3	-	EM Wheel -E5 (TL)
MCN37863	25-19.50/2.5	12	B22ES36	425	371	49	-	EM Wheel -5E (TT)
MCN36219	25-19.50/2.5	12	B22ES36	480	438	58.5	-	EM Wheel -E3 (TL)
MCN37479	25-19.50/2.5	16	M22	425	370.2	40	-	EM Wheel -E3 (TL)
MCN37763	25-19.50/2.5	20	M18	515	475	73	-	EM Wheel -E3 (TL)
MCN37804	25-22.00/3.0	20	M18	515	475	73	-	EM Wheel -E3 (TL)
MCN36029	25-22.00/3.0	24	M22	455	410.75	73	-	EM Wheel -E3 (TL)
MCN36266	25-24.00/3.0	12	M22	425	372	-96	-	EM Wheel -E5 (TL)
MCN37806	25-25.00/3.5	27	M18	515	475	75	-	EM Wheel -E5 (TL)

## SECTION VI: EARTHMOVING WHEELS

### Construction & Compact Earthmoving Wheels

Wheel Size	20 - 7.0 to 20 - 8.0		
CR = Detachable spring flange VS = Valve slot			
Ring Version	Tube Type (with Rings) -1 (TT)	Solid Tire (ST) (without Rings) (ST)	Solid Tire (ST) (with Rings) _1 (ST)

### Medium & Large Earthmoving Wheels

Wheel Size	≥ 21"	
LR = Lock ring BSR = Beat Seat side ring BR = Beat seat ring SR = Side ring DK = Driver Key VH = Valve hole		
Ring Version	Tubeless (with valve hole and with rings) -E3 (TL)	Tubeless (with valve hole and with rings) -E5 (TL)

VI

### Wheel Type Definition

Unless otherwise stated, the delivery is always made with rings		
-1 (TT)	Tube	With valve slot and delivery with detachable spring flange
(ST)	Solid Tire	Without valve slot and delivery without detachable spring flange
_1 (ST)	Solid Tire	Without valve slot and delivery with detachable spring flange
-E3 (TL)	Tubeless	With valve hole and delivery with rings (without sealing ring)
-E5 (TL)	Tubeless	With valve hole and delivery with rings (without sealing ring)

## SECTION VI: EARTHMOVING WHEELS

Rim Size	Detachable Spring Flange	Lock Ring	Side Ring	Tapered Beat Ring	Tapered Beat Side Ring	Driver Key
20-7.00T	MCC3729800	--	--	--	--	--
20-7.50V	MCC3730700	--	--	--	--	--
20-8.00V	MCC3730700	--	--	--	--	--
20-9.0	MCC3731200	--	--	--	--	--
20-11.00TG	--	MCL3727300	--	--	MC23727300	--
21-18.00/1.5 3P	--	MCL3727600	--	--	MC23727600	--
24-10.00/1.7 3P	--	MCL3752900	--	--	MC23752900	--
25-10.00/1.5 3P	--	MCL3727700	--	--	MC23703000	--
25-12.00/1.3 3P	--	MCL3727700	--	--	MC23727700	--
25-14.00/1.5 3P	--	MCL3727700	--	--	MC23703000	--
25-17.00/1.7 3P	--	MCL3727700	--	--	MC23703100	--
25-19.50/2.5 3P	--	MCL3728000	--	--	MC23728000	MCX0004000
25-22.00/3.0 3P	--	MCL3728000	--	--	MC23728200	MCX0004000
25-24.00/3.0 3P	--	MCL3728000	--	--	MC23728200	MCX0004000
25-25.00/3.5 3P	--	MCL3728000	--	--	MC23728300	MCX0004000
25-11.25/2.0 5P	--	MCL3728000	MCS3728400	MCQ3728400	--	MCX0004000
25-17.00/2.0 5P	--	MCL3728000	MCS3728400	MCQ3728400	--	MCX0004000
25-19.50/2.5 5P	--	MCL3728000	MCS3747300	MCQ3728400	--	MCX0004000
25-22.00/3.0 5P	--	MCL3728000	MCS3729100	MCQ3729100	--	MCX0004000
25-24.00/3.0 5P	--	MCL3728000	MCS3729100	MCQ3729100	--	MCX0004000

**WARNING:** Make sure part number and manufacturer name is clearly stamped in all components. Do not mix components from different manufacturers.

## SECTION VII: MATERIAL HANDLING

Part Number	Wheel Size	Number of Bolt Holes	Bolt Hole Size	Bolt Circle	Center Bore	Wheel Type	Inset	Offset
TEN35432	8-3.00D	5	B14ES28	114.3	80	Multi-Piece _F	27	-
TEN35521	8-3.00D	5	B14ES28	145	110	Multi-Piece _F	-28	-
TEN38312	8-3.00D	5	B14ES28	145	110	Multi-Piece -F	-5	-
TEN35520	8-3.00D	5	B14ES28	145	110	Multi-Piece _F	23	-
TEN35560	8-4.33R	5	B14ES28	140	94	Multi-Piece -F	-7	-
TEN38310	8-4.33R	5	B14ES28	145	110	Multi-Piece -F	-43	-
TEN38304	8-4.33R	5	B14ES28	145	110	Multi-Piece -F	0	-
TEN38306	8-4.33R	5	B14ES28	145	110	Multi-Piece -F	14	-
TEN39100	8-4.33R	5	M14ES28	145	110	Multi-Piece _F	18	-
TEN39310	8-4.33R	5	M14ES28	145	110	Multi-Piece _F	18	-
TEN38342	8-4.33R	7	B14ES28	145	110	Multi-Piece -F	25	-
TEN38341	8-4.33R	7	B14ES28	145	110	Multi-Piece -F	40	-
TEN38353	9-4.00E	5	B14ES28	145	110	Multi-Piece -F	5	-
TEN39099	10-5.00F	5	M14ES28	145	110	Multi-Piece _F	18	-
TEN39103	10-5.00F	6	M14ES28	160	125	Multi-Piece _F	-10.5	-
TEN38370	10-5.00F	6	M14ES28	160	125	Multi-Piece _F	13	-
TEN38368	10-5.00F	7	M14ES28	145	110	Multi-Piece _F	7	-
TEN39393	10-6.50F	7	M14ES28	145	110	Multi-Piece _F	-2.5	-
TEN38067	10-6.50F	7	M14ES28	145	110	Multi-Piece _F	1.5	-
TEN39095	10-6.50F	7	M14ES28	145	110	Multi-Piece _F	6	-
TEN39121	10-6.50F	7	B14ES28	145	110	Multi-Piece -F	35	-
TEN39098	10-6.50F	10	B14ES28	170	135	Multi-Piece -F	20	-
TEN35454	15-6.5	10	M18	245	202	Multi-Piece _F	83	94
TEN35453	15-6.5	10	M18	245	200	Multi-Piece _F	171	182.5
TEN35456	15-6.5	12	B22IS36	283	230	Multi-Piece _F	128.5	140
TEN35602	15-9.75	10	M22ES36	245	202	Multi-Piece _F	48	-
TEN35467	15-9.75	10	M18	245	202	Multi-Piece _F	78.5	-

VI

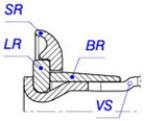
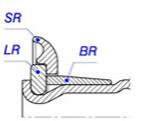
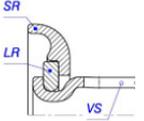
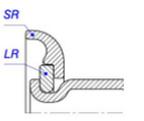
VII

## SECTION VII: MATERIAL HANDLING

### Wheel Type Definition

**Material handling wheels will deliver without rings. Need to order rings separately!**

-F	Tube & Tubeless	With valve slot
_F	Solid Tire	Without valve slot

Wheel size	8 - 3.00D to 15 - 9.75			Only 8 - 4.33R		
LR = Lock ring SR = Side ring BR = Beat seat ring  VS = Valve slot						
	Tube Type (with Rings)	Solid Tire (without Rings)	Solid Tire (with Rings)	Tube Type	Solid Tire (without Rings)	Solid Tire (with Rings)
Ring Version	-F(3)	_F	_F(3)	-F(2)	_F	_F(2)

Rim Size	Lock Ring	Side Ring	Tapered Beat Ring
8-3.00D	TEL-38312	TES-38312	TEQ-38312
8-4.33R	TEL-38301	TES-38301	--
9-4.00E/6.00E	TEL-38301	TES-38301	TEQ-38301
10-5.00F/6.50F	TEL-38308	TES-38308	TEQ-38308
15-6.5	TEL-38371	TES-38371	TEQ-38371

**WARNING:** Make sure part number and manufacturer name is clearly stamped in all components. Do not mix components from different manufacturers.

# TECHNICAL WHEEL QUESTIONNAIRE

OHV Multi Piece Wheels – Tube Type & Tubeless & Solid Tire Wheels

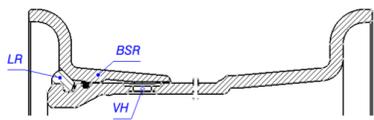
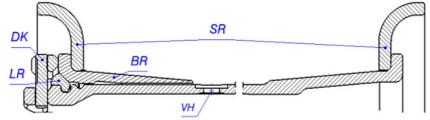
Date:

Side 1 of 3

GENERAL INFORMATION			
Vehicle Manufacturer:		Customer P/N:	
Equipment Type:		Model:	
Axle Information:		Driven Wheel:	<input type="checkbox"/> No / <input type="checkbox"/> Yes
Notes:			

GENERAL WHEEL INFORMATION					
D – Wheel ø [in.]:	"				
A - Wheel Width [in.]:	"				
OS - Offset:					
IS - Inset:					
CH - Center Hole ø:					
Number of Bolt Holes:					
PCD Bolt Hole:					
Type of Bolt Holes:					
BH - Hole ø:	<input type="checkbox"/>				
Countersink:	-	$\alpha S =$	$\alpha =$	$\alpha =$	$\alpha =$
Notes:					

RIM SPECIFICATIONS						
Fork lifter wheels <input type="checkbox"/> No <input type="checkbox"/> Yes						
Wheel size	8 - 3.00D to 15 – 9.75			only 8 – 4.33R		
LR = Lock ring						
SR = Side ring						
BR = Beat seat ring						
VS = Valve slot						
Ring Version	-F3	_F	_F3	-F2	_F	_F2
*Material handling wheels are delivered without rings. Rings to be ordered separately*						
Construction and Earthmoving Wheels <input type="checkbox"/> No <input type="checkbox"/> Yes						
Wheel size	20 - 7.0 to 20 – 8.5 and 24 - 8.5					
CR = Detachable spring flange						
SR = Side ring						
VR = VT-Ring						
RR = Sealing ring						
VS = Valve slot						
Ring Version	-1 (TT)	(ST)	(ST)	(ST)	_1 (ST)	_1 (ST)
Notes:						

RIM SPECIFICATIONS	
<b>Earthmoving wheels</b>	<input type="checkbox"/> No <input type="checkbox"/> Yes
Wheel size	≥ 24"
LR = Lock ring BSR = Beat Seat side ring BR = Beat seat ring SR = Side ring DK = Driver Key VH = Valve hole	 
	Tubeless (with valve hole and with rings)
	Tubeless (with valve hole and with rings)
Ring Version	-E3 (TL)
Anti-rotation device (Ring)	<input type="checkbox"/> Small anti-twist device
	<input type="checkbox"/> Large anti-twist device
<b>Notes:</b>	

FURTHER SPECIFICATIONS / REQUIREMENTS			
<b>Hand Holes:</b>	<input type="checkbox"/> No <input type="checkbox"/> Yes		
<b>Type of Hand Hole:</b>		<b>No. of Hand Holes:</b>	<b>Size of Holes:</b>
<b>Ventilation Holes:</b>	<input type="checkbox"/> No <input type="checkbox"/> Yes		
<b>Type of Vent. Hole:</b>		<b>No. of Vent. Holes:</b>	<b>Size of Holes:</b>
<b>Valve slot / holes:</b>	<input type="checkbox"/> No <input type="checkbox"/> Yes		
<b>Type of Valve:</b>		<b>No. of Slot / Holes:</b>	<b>Size of Slot:</b>
			<b>Size of Valve Hole:</b>
<b>Valve Guard required:</b>	<input type="checkbox"/> No <input type="checkbox"/> Yes		
<b>Type of Valve Guard:</b>		<b>No. of Slot / Holes:</b>	<b>Size of Slot:</b>
<b>Evenness Flange Area:</b>	at ø		
<b>Run Out Lateral:</b>		<b>Run Out Radial:</b>	<b>Match Point required:</b> <input type="checkbox"/> No / <input type="checkbox"/> Yes
<b>Notes:</b>			

WHEEL LOADS	
<b>Load per Wheel:</b>	
<b>Load per Wheel:</b>	
<b>Load per Wheel:</b>	
<b>Used Tire &amp; Sizes:</b>	
<b>Notes:</b>	

PAINTING	
<b>Permitted Process:</b>	<input type="checkbox"/> Wet Paint <input type="checkbox"/> Powder Paint
<b>Paint Color:</b>	Acc. Spec.:
<b>Paint Color:</b>	Acc. Spec.:
<b>Paint Color:</b>	Acc. Spec.:
<b>Required Thickness:</b>	
<b>Notes:</b>	

WHEEL STAMPING	
Requirements:	
Notes:	

ADDITIONAL TECHNICAL QUESTIONS		
1.	Is the constructed space limited by other components?	<input type="checkbox"/> No / <input type="checkbox"/> Yes
	If yes, is the definition of the available space / constructed space attached to this questionnaire?	<input type="checkbox"/> No / <input type="checkbox"/> Yes
2.	Are there any customer requirements (Technical, Quality, Logistic) to be considered?	<input type="checkbox"/> No / <input type="checkbox"/> Yes
	If yes, are the customer requirements attached to this questionnaire:	<input type="checkbox"/> No / <input type="checkbox"/> Yes
3.		

VOLUMES, INCOTERMS, PACKAGING			
Orders Type:	<input type="checkbox"/> Regular Orders <input type="checkbox"/> Spot order		
Estimated Units pa:		Estimated Order Qty:	
Delivery Location:			
Packaging Request:			
Notes:			

ADDITIONAL INFORMATION	
Author:	Name / Company / Phone / E-Mail
CU Technical Contact :	Name / Phone / E-Mail

## SECTION VIII: SPLIT WHEELS

Part Number	Wheel Size	Number of Bolt Holes	Bolt Hole Size	Bolt Circle	Center Bore
MCN36073	8x3.00D	6	M12	120	80
MCN37051	8x3.00D	6	B12EC60	148	110
MCN37052	8x3.00D	6	M10	120	80
MCN37358	9x4.00E	6	B14EC60	180	150
MCN37359	9x4.00E	6	B14EC60	170	140
MCN37626	9x4.00E	8	B14EC60	160	130
MCN37360	10x5.00F	6	B14EC60	180	150
MCN37361	10x5.00F	6	B14EC60	170	140
MCN37852	10x5.00F	8	B14DC60	160	130
MC437054	10x6.50F	-	-	-	-
MC537054	10x6.50F	-	-	-	-
MCN37055	12x5.00S	6	B22EC60	220	170
MCN37405	12x5.00S	6	B19EC60	220	170
MCN37480	12x5.00S	6	B19DS44	220	170
MCN37774	12x5.00S	6	B19DS44	200	150
MCN87480	12x5.00S	6	B19DS44	220	170
MCN37056	12x5.00S	8	B22DC80	190	145

## The Company

Accuride Corporation is a worldwide industry leader, strongly positioned to supply wheel end system solutions to the global automotive and commercial vehicle industries.

Accuride Wheels Europe and Asia is a Solingen, Germany-based manufacturer and supplier of steel wheels for the global commercial vehicle, off-road and automotive industries. The company's on-highway business supplies steel wheels for commercial vehicles – including trucks, buses, truck trailers, subways on tyres and light commercial vehicles – as well as for passenger cars and utility trailers. Its off-road business primarily supplies wheels for agricultural and construction equipment. Accuride Wheels Europe and Asia employs about 3,000 people and operates two manufacturing plants in Germany, two in Russia and one each in France, Turkey and China.

With world headquarters in Evansville, Ind., USA, Accuride Corporation is a supplier of wheel end systems to the global commercial vehicle industry. The company's products include commercial vehicle wheels and wheel-end components and assemblies; and steel wheels for the European automotive and global agricultural and construction equipment markets. The company's products are marketed under its brand names, which include Accuride®, Accuride Wheel End Solutions™, Gunite® and KIC®. Accuride is a portfolio company of Crestview Partners.



## For Questions or Additional Information by Region

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