



VARLEY

# Selecting or identifying a wheel

**1 Quantity / Reference**    
*If reference is known, we can x-reference any make*

*If part number is not known, have any of the following been specified*

**2 Description**

Centre	<input type="text"/>	Tyre (if any)	<input type="text"/>
Wheel material:	<input type="text"/>		<input type="text"/>
Wheel colour:	<input type="text"/>		<input type="text"/>

**3 Sizes**

Overall diameter	<input type="text"/>	Tread width	<input type="text"/>	Hub width	<input type="text"/>	Bore	<input type="text"/>
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**4 Wheel bearing**

No bearing (plain bore)  
 Roller bearing    Ball journal    Taper roller

*If wheel type is not specified, refer to the following*

**5a Working conditions which may inhibit wheel choice**  
 High temperature, wet, cold, chemicals, electronics, soft ground, high speed, uneven or damaged floor surface, power towing etc.

**5b**

On a <b>HARD FLOOR</b> surface in <b>GOOD CONDITION</b> , an untyred wheel can be used, but may be noisy with potential to damage the floor	On a <b>HARD FLOOR</b> surface in <b>POOR CONDITION</b> , a tyred wheel will be quietest and smoothest running with better ability to negotiate unevenness	On a <b>SOFT FLOOR</b> surface an untyred wheel can be used, but may have the potential to damage the floor						
<i>Lighter duty, more economic.....Heavier duty, more expensive</i>								
<b>UNTYRED WHEELS</b>	Polypropylene <input type="checkbox"/>	Nylon <input type="checkbox"/>	Cast iron <input type="checkbox"/>	Steel <input type="checkbox"/>				
<b>TYRED WHEELS</b>	Plastic with rubber tyre <input type="checkbox"/>	Pressed steel with rubber tyre <input type="checkbox"/>	Nylon with rubber tyre <input type="checkbox"/>	Aluminium with rubber tyre <input type="checkbox"/>	Cast iron with rubber tyre <input type="checkbox"/>	Nylon with polyurethane tyre <input type="checkbox"/>	Aluminium with polyurethane tyre <input type="checkbox"/>	Cast iron with polyurethane tyre <input type="checkbox"/>

**5c Is a wheel bearing required?** A bearing will only increase manoeuvrability NOT load capacity

*Less smooth, more economic.....Smoother running, more expensive*

No bearing (plain bore)    Roller bearing    Ball journal    Taper roller

**5d Load capacity per wheel (Kg)**

In good working conditions, and if four wheels are to bear the load, divide the total load by 3 to build in a safety margin

**6 From:** Your name    Branch name

Telephone    Fax

**To:** Name    Fax **0161 928 7824**

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