



UCI Wheel Regulations...

1.3.018

Wheels of the bicycle may vary in diameter between 70 cm maximum and 55 cm minimum, including the tyre. For the cyclo-cross bicycle the width of the tyre shall not exceed 35 mm and it may not incorporate any form of spike or stud

For massed start road races and cyclo-cross events only wheel designs granted prior approval by the UCI may be used. **Wheels will have minimum 12 spokes; spokes can be round, flattened or oval, as far as no dimension of their sections exceeds 10 mm.** In order to be granted approval wheels must have passed a rupture test as prescribed by the UCI in a laboratory approved by the UCI. The test results must show that the rupture characteristics obtained are compatible with those resulting from an impact sustained during normal use of the wheel. The following criteria must be fulfilled:

- On impact, no element of the wheel may become detached and be expelled outwards.
- The rupture must not present any shattered or broken off elements, or any sharp or serrated surfaces that could harm the user, other riders and/or spectators.
- The rupture characteristics must not cause the hub to become separated from the rim in such away that the wheel becomes detached from the forks.

Without prejudice to the tests imposed by the laws, regulations or customs, standard (traditional) wheels are exempted from the rupture test referred to above. A traditional wheel is deemed to be a wheel with at least 16 metal spokes; the spokes may be round, flat or oval, provided that no dimension of their cross sections exceeds 2.4 mm; the section of the rim must not exceed 2.5 cm on each side.

Notwithstanding this article, the choice and use of wheels remains subject to articles 1.3.001 to 1.3.003.

[Click here for the UCI Approved Non-Standard Wheel List](#)

Junior Wheel Regulations:

55 A Junior Categories Under 17,15,13,11 and below.

For all junior categories up to and including JM17 –JW17 the following equipment restrictions will also apply for road and track competition.

1. Handlebars shall be of a standard or “Classic” style. However bolt on handlebar extensions shall be allowed for JM15, JW15, JM17 and JW17 in the individual pursuit, team pursuit and road and track time trials only. No modification of the extension shall be allowed.

2. For all events wheels must have at least 16 spokes with the sole exception that construction of the rim shall exclude the use of composite fibres (Carbon, Kevlar, Aramid and similar fibres).

3. Only high pressure detachable tyres and tubes shall be used. A detachable type tube means the tube is detachable from the tyre casing. Such high pressure tyres shall be beaded.

4. Approved time trial style helmets may be used by categories JM17, JW17, JM15 and JW15 in the individual pursuit, team pursuit and road and track time trials only. Time trial style helmets with or without AS/NZ 2063 approval may not be used by categories JB13, JG13, JB11, JG11 or younger.