

**WAC 296-807-18050 Use proper flanges.** (1) You must mount all abrasive wheels between flanges that have a diameter at least one-third the diameter of the wheel.

**Exemption:**

This requirement does not apply to the following types of wheels:

1. Mounted wheels;
2. Cup, cone or plug wheels with threaded inserts or projecting studs;
3. Abrasive disc wheels (inserted nut, inserted washer and projecting stud type);
4. Plate mounted wheels;
5. Cylinder, cup, or segmental wheels mounted in chucks;
6. Types 27, 28, and 29 wheels;
7. Internal wheels less than two inches in diameter;
8. Modified Type 6 and 11 wheels (terrazzo);
9. Types 1 and 27A cutting-off wheels.
  - (2) You must make sure flanges are:
    - (a) Dimensionally accurate;
    - (b) Properly balanced;
    - (c) Flat;
    - (d) Free of rough surfaces or sharp edges.
  - (3) You must make sure, if a wheel is mounted between two flanges, that both flanges:
    - (a) Are the same diameter;
    - (b) Have equal bearing surfaces.

**Exemption:**

The following wheels do not require same diameter, equal bearing surface flanges:

1. Types 27, 28, and 29 wheels with adaptors;
2. Modified Types 6 and 11 wheels with tapered K dimension;
3. Internal wheels less than two inches in diameter.
- (4) You must make sure the driving flange is:
  - (a) Part of the spindle; or
  - (b) Securely fastened to the spindle.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-807-18050, filed 11/17/15, effective 12/18/15. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 07-03-163, § 296-807-18050, filed 1/24/07, effective 4/1/07; WSR 03-09-009, § 296-807-18050, filed 4/4/03, effective 8/1/03.]