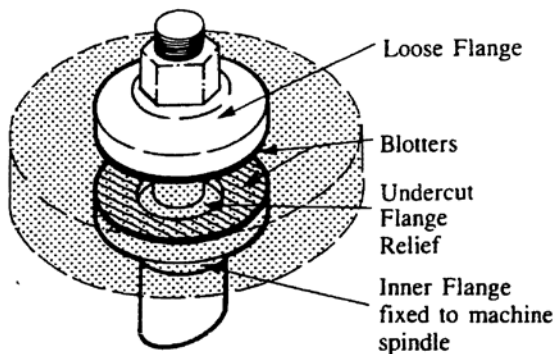


SAFE WORK PRACTICES PORTABLE GRINDING WHEEL MOUNTING

**This information does not take precedence over OH&S. All employees should be familiar with the Saskatchewan Employment Act and the OH&S Regulations.*

STRAIGHT WHEELS



Inspect and conduct "ring test" before mounting a wheel.

Check flanges for distortion or abrasion. When flanges are distorted or warped contact area is reduced.

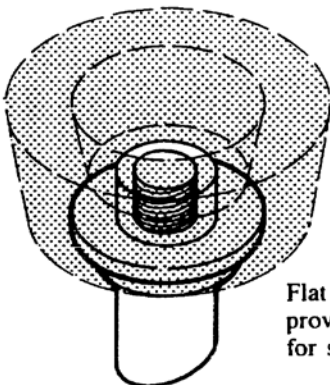
Flanges must not be reversed.

Use blotters to cushion flange pressure.

Do not use flat washers, or other filler materials in place of flanges.

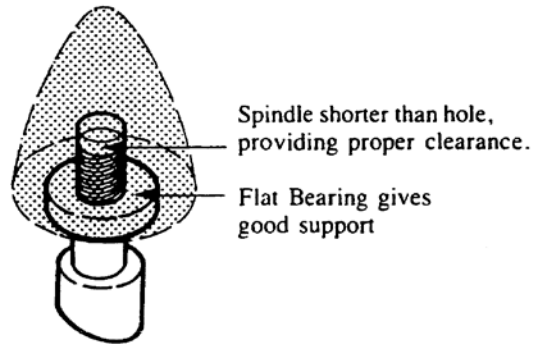
The fixed and loose flanges should have the same diameter and have undercut relief. The minimum flange size is 1/3 the wheel diameter.

CUP WHEELS



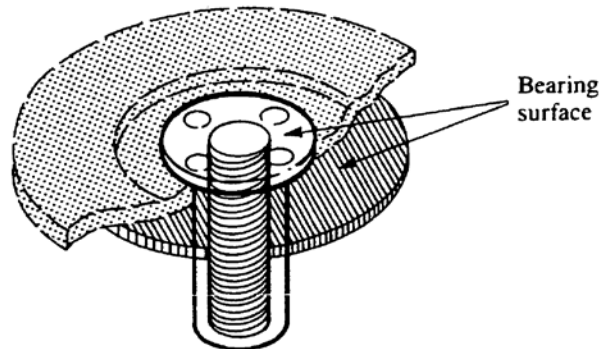
Use a flat unrelieved flange with a threaded hole mounting. This prevents strain on the bond that anchors the bushing to the wheel cup.

CONE AND PLUG WHEELS



The common cause of breakage is that the spindle threads are either too short or too long for the tapped hole in the wheel.

DEPRESSED CENTRE WHEELS



Replace worn or bent reusable adapters. A damaged adapter will not mount properly.

Do not reuse 'throw-away' adapters.

Ensure grinder spindle shoulder runs true. The adapter must tighten against this shoulder. Use spacers provided with adapters if the spindle is too long.

The wheel will wobble if the shoulder is not square with the spindle, or if the adapter does not tighten against the shoulder. This can result in wheel breakage.