

GRINDINGWHEEL and SAFETY PRECAUTIONS

WARNING * SAFETY NOTICE * WARNING

Thank you for purchasing your grinding wheel from Sharpchain.com!

Before you get started, please take a few moments to read our safety warning on how to properly inspect and use your new grinding wheel. Grinding wheels can get damaged while in storage or during transportation.

- Never exceed the rated rpm of your grinding wheel.
- Never use your grinding wheel on equipment other than your chainsaw sharpener.
- Always perform a Ring Test before installing your grinding wheel.
- Always wear eye protection.
- Never operate your equipment if safety shields and or safety devices are not installed or are broken.
- Always wear a respirator mask while using your equipment.

A ring test should be performed before mounting an abrasive wheel. This test is simple and can help determine if the wheel is cracked.

The wheel has to be dry and free of sawdust when applying the ring test; otherwise the sound may be deadened.

The ring test doesn't work with certain wheels because of their shape or size.

Examples include:

- Wheels 4 inches diameter and smaller
- Plugs and Cones
- Mounted Wheels
- Segments
- Plate-Mounted Wheels
- Inserted Nut and Projecting Stud Disc Wheels

The test:

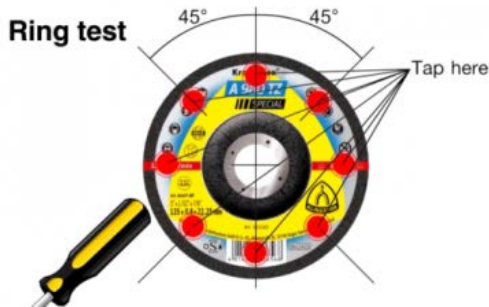
- (1) Suspend the wheel by putting a small pin, pen or your finger through the arbor hole in the wheel.
- (2) Tap the flat side of the wheel with a light non-metallic implement, such as the handle of a screw driver, at a point 45 degrees from the vertical center line on each side of the wheel, approximately 1 – 2 inches from the edge of the wheel.
- (3) Rotate the wheel 45 degrees and repeat the test until the entire wheel has been checked.

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The results:

The ring test depends on the fact that a crack in the wheel will normally change the sound emitted when the wheel is lightly tapped. An undamaged wheel will give a clear tone. If cracked, there will be a dead sound and not a clear ring.


Comparison of the sound with other wheels of the same lot and specification will allow rejection of any wheel with a suspiciously different ring.



Safety Glasses and Respirator Mask

	Always wear eye protection when using your sharpener or working with chainsaw chain. Serious eye injury or even death can occur.
	Always wear a respirator mask while sharpening chains. Dust from sharpening chains can cause severe injury to the lungs.

Safety Shields

	Make certain all safety shields and devices are in place and your equipment has been maintained and meets all safety standards. NEVER operate equipment with safety shields/devices missing or equipment not properly serviced.
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