

Grinder Gauge

Product Manual

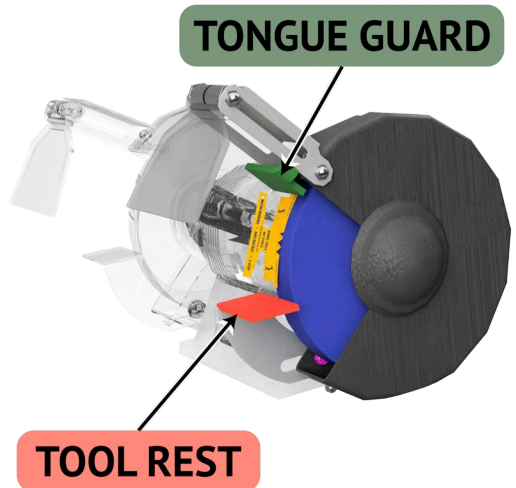
The MAKESafe® Grinder Gauge is the all-in-one tool to ensure that your bench grinder meets OSHA requirements for tool rest and tongue spacing.

Calibrador de Amoladora - Manual del Producto



OSHA Regulations

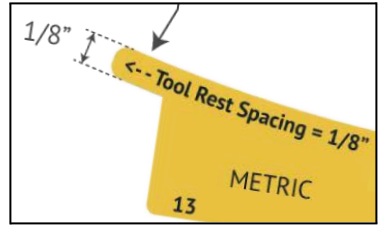
- OSHA regulation 1910.215(a)(4):
“Work rests shall be kept adjusted closely to the wheel with a maximum opening of one-eighth inch to prevent the work from being jammed between the wheel and the rest, which may cause wheel breakage.”
- OSHA regulation 1910.215(b)(9):
“... the distance between the wheel periphery and the adjustable tongue or the end of the peripheral member at the top shall never exceed one-fourth inch.”



How to Check Tool Rest Spacing

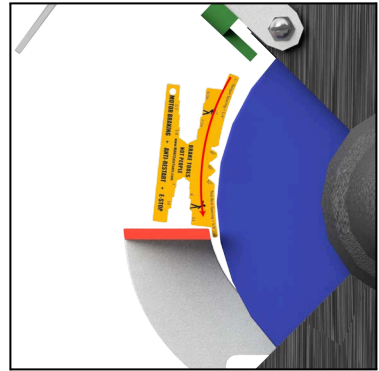
Step 1: Find the measuring tip of the gauge labeled “Tool Rest Spacing” and point it downwards with the curved edge of the gauge resting against the grinding wheel.

Paso 1: Encuentre la punta de medición del calibrador etiquetada como “Espaciado del Reposaherramientas” y apúntela hacia abajo con el borde curvado del calibrador apoyado contra la rueda de amolado.



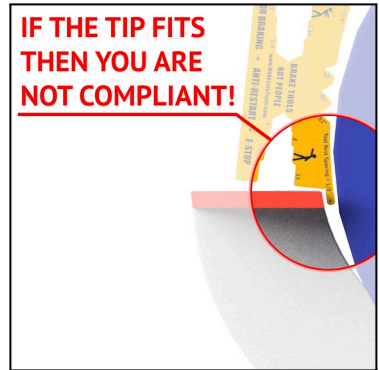
Step 2: Attempt to insert the measuring tip of the gauge into the gap between the tool rest and grinding wheel.

Paso 2: Intente insertar la punta de medición del calibrador en el espacio entre el reposaherramientas y la rueda de amolado.



Step 3: If the measuring tip fits into the gap, then you are out of compliance and need to adjust the work rest to be closer to the grinding wheel.

Paso 3: Si la punta de medición entra en el espacio, entonces no está cumpliendo y necesita ajustar el reposaherramientas para que esté más cerca de la rueda de amolado.



Step 4: If you need to make an adjustment, use the wrench-sizing feature on the gauge to see what size of wrench you need. *Note: Do not try to loosen or tighten a bolt with the gauge - it's only for measuring!*

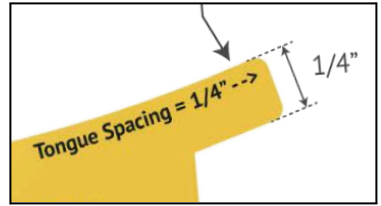
Paso 4: Si necesita hacer un ajuste, utilice la función de medición de tamaño de llave en el calibrador para ver qué tamaño de llave necesita. *Nota: ¡No intente aflojar o apretar un tornillo con el calibrador, es solo para medir!*



How to Check Tongue Spacing

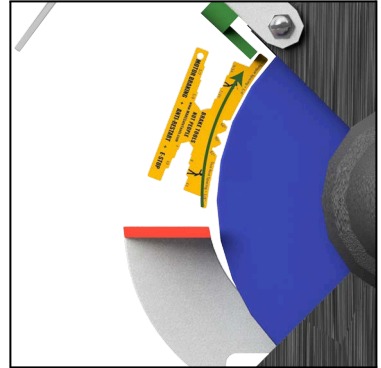
Step 1: Find the measuring tip of the gauge labeled "Tongue Spacing" and point it upwards with the curved edge of the gauge resting against the grinding wheel.

Paso 1: Busque la punta de medición del calibrador etiquetada como "Tongue Spacing" y apúntela hacia arriba con el borde curvo del calibrador descansando contra la muela abrasiva.



Step 2: Attempt to insert the measuring tip of the gauge into the gap between the tongue and grinding wheel.

Paso 2: Intente insertar la punta de medición del calibrador en el espacio entre la lengüeta y la muela abrasiva.



Step 3: If the measuring tip fits into the gap, then you are out of compliance and need to adjust the tongue to be closer to the grinding wheel.

Paso 3: Si la punta de medición encaja en el espacio, entonces no está cumpliendo con las normativas y necesita ajustar la lengüeta para que esté más cerca de la muela abrasiva.



Step 4: If you need to make an adjustment, use the wrench-sizing feature on the gauge to see what size of wrench you need. *Note: Do not try to loosen or tighten a bolt with the gauge - it's only for measuring!*

Paso 4: Si necesita hacer un ajuste, utilice la función de dimensionamiento de llave en la regla para ver qué tamaño de llave necesita. ****Nota:**** ¡No intente aflojar o apretar un tornillo con la regla, es solo para medir!

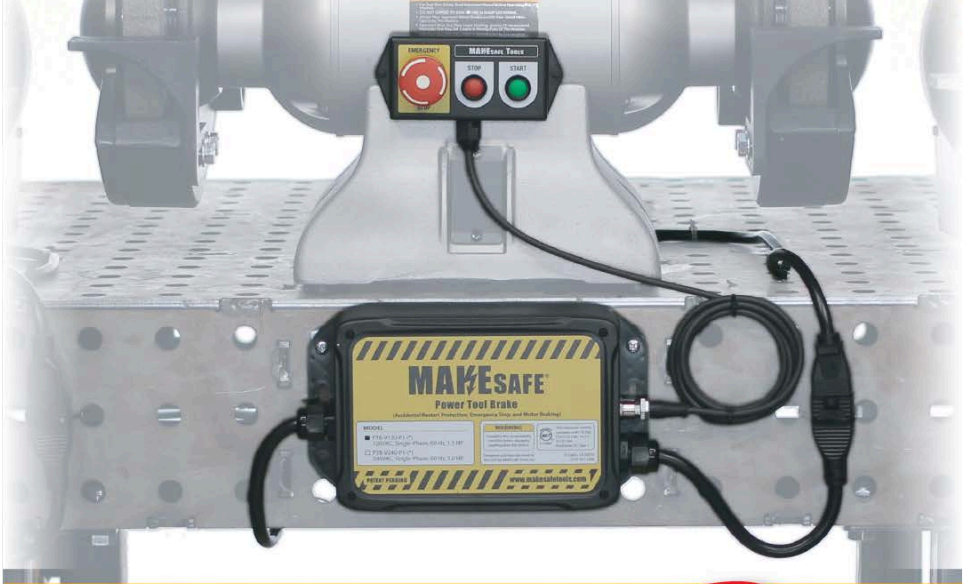


And don't forget! OSHA also requires that ...

"...the adjustment shall not be made with the wheel in motion." [1910.215(a)(4)]

and to stop the wheel you need the

MAKESAFE® POWER TOOL BRAKE



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- ✓ Brakes Machines in Seconds
- ✓ Prevents Accidental Restarts
- ✓ Adds Compliant Emergency Stop
- ✓ Avoids Injuries & OSHA Fines
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