

**WAC 296-806-48048 Make sure boring and mortising machines meet these requirements.**

**EXEMPTION:** This section does not apply to drill presses, boring machines, or mortising machines if both of the following apply:  
1. The downward stroke of the chuck and bit is controlled manually by the operator; and  
2. The chuck and bit automatically rises to the start position when control is released.

(1) You must completely enclose universal joints on spindles of boring machines to prevent accidental contact by the operator.

(2) You must make sure you do not use safety bit chucks that have projecting set screws.

(3) You must enclose the top of the cutting chain and driving mechanism.

(4) You must prevent a counterweight, when used, from dropping by securing it to a bar by one of the following, or an equivalent method:

(a) A bolt passing through both the bar and the counterweight.

(b) A bolt through the extreme end of the bar.

(c) A safety chain to hold it to the bar if the counterweight does not completely encircle the bar; or

(d) Suspending it by a chain or wire rope and having it travel in a pipe or other suitable enclosure if it could fall and injure an employee.

**Note:** Boring bits should be provided with a guard that will enclose all portions of the bit and chuck above the material being worked.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 15-24-102, § 296-806-48048, filed 12/1/15, effective 1/5/16; WSR 04-14-028, § 296-806-48048, filed 6/29/04, effective 1/1/05.]