



**Environmental Health Safety
& Risk Management**

MSC 3578
New Mexico State University
Box 30001
Las Cruces, NM 88003
Phone: (575) 646-3327 Fax: (575) 646-7898
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Drill Press Guards

OSHA compliant operation is required in any industrial or educational facility across the US. Each activity that the various shops engage in daily have safety standards that must be followed. Drill press guards are one area that needs attention campus wide.

1910.212(a)(3)(ii); The point of operation of machines whose operation exposes an employee to injury, shall be guarded. The guarding device shall be in conformity with any appropriate standards therefor, or, in the absence of applicable specific standards, shall be so designed and constructed as to prevent the operator from having any part of his body in the danger zone during the operating cycle.

1910.212(a)(3)(iii); Special hand tools for placing and removing material shall be such as to permit easy handling of material without the operator placing a hand in the danger zone. Such tools shall not be in lieu of other guarding required by this section, but can only be used to supplement protection provided.

Guards are available to allow for almost any type of operation. This document is intended to show a wide variety of options and help departments pick the device that might be best suited for their operational needs. If a guard is not found that can meet the needs of said department, reach out to EHS&RM to see what other safety mitigations could be put in place.

EHS&RM is not advertising or promoting any one device or system, rather this is to provide an example of various mechanical guards that can be put in place to protect the workers.



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First type is a lowering shield, such as found on <https://atssafety.com/products/econ-series-drill-press-guard-new> .



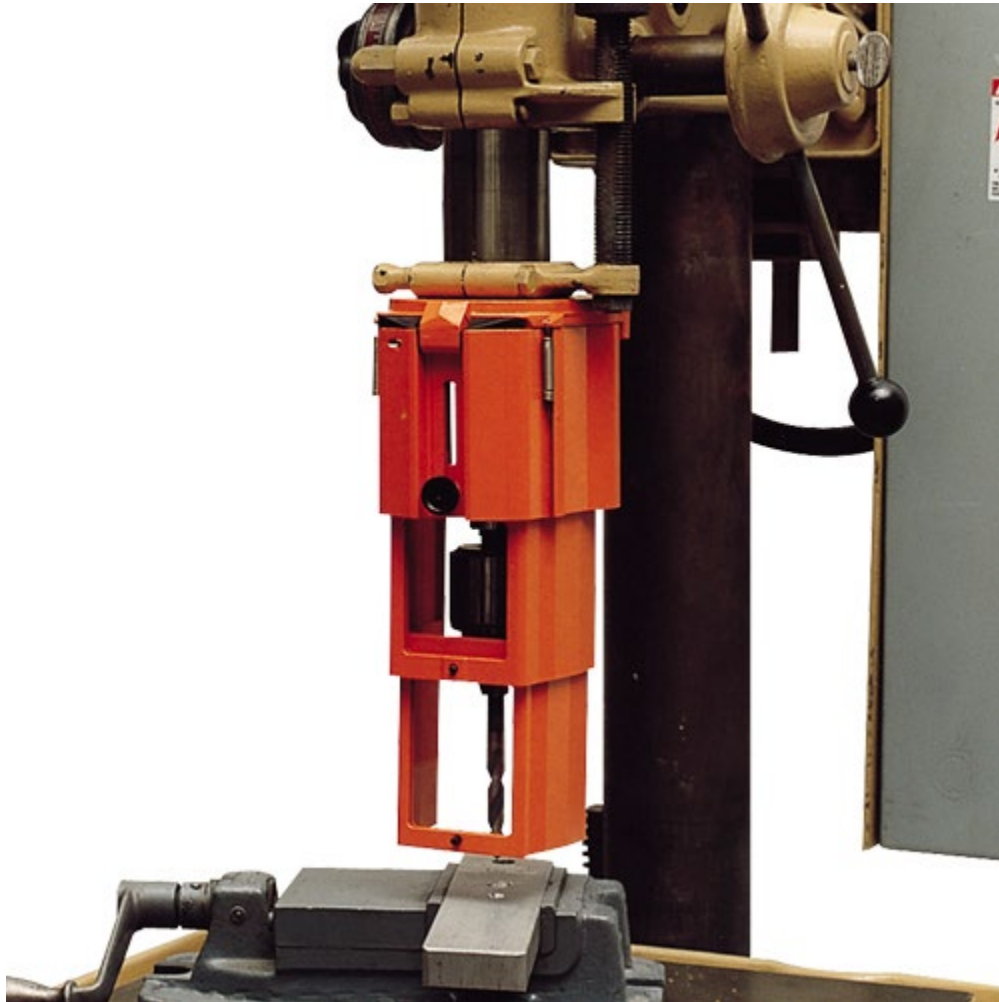


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<https://www.rockfordsystems.com/product/heavy-duty-aluminum-drill-press-shields/>

Telescoping guards





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<https://www.rockfordsystems.com/product/flexible-arm-safety-chip-shields-magnetic-mount/>

Simple shields





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<https://safetybyflexbar.com/3-axis-interlocked-guards-2.php>

Heavy Duty

