

# Drilling machines - guarding of spindles and attachments.

## HSE Books - OSHA Requirements: Machine Guarding



Description: -

-Drilling machines - guarding of spindles and attachments.

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Médecine

Guidance note -- PM 83 Drilling machines - guarding of spindles and attachments.

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### Machine Guarding

The small diameter on the end of the tool known as the pilot keeps the counterbore concentric with the original hole.

### Machine Guarding

The diameter increases by 0-3mm in lowest series having Morse taper shank No. At opposite ends of the compression spring, a pair of washers 19 are biased against the pivot and position locking block 11 and the locking nut 17. In this drilling machine, the part to be drilled is rotated and the drill bit that makes the hole is kept stationary.

#### ► Bernardo Drilling And Milling Machines used machine for sale

This type of machine tool is used to drill a large number of holes in the same job at a faster rate. For the up and down motion of the drill head, we use hand and as well as automatic feed by an electrical motor.

#### Radial arm drill, guarding and tripping emergency stop devices

The worker was pinned to the bed of the machine and unable to reach the stop button; he shouted for help and was eventually freed by a colleague.

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**FIELD OF THE INVENTION** The invention relates to a drill chuck and revolving spindle guard for guarding a machine operator against a chuck key left in the drill chuck, broken drill bits, or drilling chips, and the guard is characterized by the flexibility of being adaptable to various drill presses and other machines with revolving spindles such as milling machines. This standard does apply to drill presses and lathes, and it is the Occupational Safety and Health Administration's OSHA policy to require protection for employees by guarding methods such as barrier guards. The tool is guided by a pilot which extends beyond the end of the cutting edges.



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