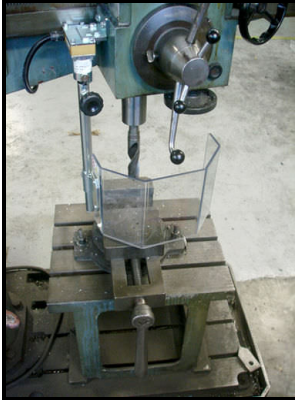


Drilling machines - guarding of spindles and attachments.

HSE Books - OSHA interpretation: machine guarding for drill presses and lathes



Description: -

-Drilling machines - guarding of spindles and attachments.

-

Médecine

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

Notes: Previously published as HSG 44.

This edition was published in 1998



Filesize: 21.53 MB

Tags: #OSHA #interpretation: #machine #guarding #for #drill #presses #and #lathes

PM 83 Guidance Note PM83: Drilling Machines

The guards interfere little with the placement and operation of these devices. Basic Types of Drilling Machines Drilling machines or drill presses are one of the most common machines found in the machine shop. However, there are several options for point-of-operation hazards that have moving parts.

China Vertical CNC Drilling Milling Machine Tool CNC Machining Center with Standard 16tools

For the name of an Authorized Service Center in your area call 1-800-274-6848.

JDP

No representation is made that the information or references are complete or remain current. The drill chuck and revolving spindle guard comprise: a mounting bracket for attachment about a machine having a revolving spindle; a pawl adapted to fall into a slot in a block attached to the mounting bracket; a locking block through which a threaded shaft is disposed to permit pivoting for swinging the guard in and out of working position; a threaded shaft around which a compression spring is spirally wound to permit height adjustment of the guard; a compression spring for holding the guard in a locked position; a nut disposed at a base portion of the threaded shaft around which the compression spring is wound to hold the guard fast after height or position adjustment; a guard bracket upon which a base portion of the nut rests; and a guard having a semi-circular configuration; whereby the guard bracket is attached to an arc portion of the semi-circular guard so that when the guard is moved to a drill change position by an upward motion or push on the guard bracket to lift the pawl out of the locking block, there is a pivoting motion of the guard counterclockwise to cause locking of the guard in a changed position. Drilling capacity: 28 mm thread cutting max.

Drilling Machine [Parts, Types, Tools, Operations] with PDF

These machines have been responsible for some nasty accidents. In a drilling machine, we use bevel gear to transmit power at an angle of 90 degrees. Countersinking Countersinking is the operation of making a cone-shaped enlargement of the end of a hole to provide a recess for a flat head screw or countersunk rivet fitted into the hole.

Drill chuck and revolving spindle guard

These machines are built to a traditional design to be strong and reliable. It encloses all the mechanism for driving the drill at a different speed and feeds.

Safety guard in polycarbonate for spindle of drilling machine with or without microswitch

The drilling machine is defined as a machine which is used to make a circular hole, a tool used to drill the holes of different size and other related operations using a drill bit.

Basic Types of Drilling 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. Some types of upright drill presses are also manufactured with automatic table-raising mechanisms. Which can run at an rpm of 600-5000, or maybe more for high duty drilling machine.

CHUCK GUARD: DRILL PRESS LARGE 75MM

Reaming Reaming is an accurate way of sizing and finishing a hole which has been previously drilled. The tool may be operated at higher speeds as the vibration in diameter of the tool is limited by the narrow cutting edge.

Related Books

- [Uomo al punto - cioe Uomo in punto di morte](#)
- [Deutsche Dichtung von der Renaissance bis zum Ausgang des Barock](#)
- [Orders and hierarchies in late medieval and renaissance Europe](#)
- [The upside of turbulence - seizing opportunity in an uncertain world](#)
- [Handbook of organic analysis - qualitative and quantitative](#)