

Cold Forming of Metals

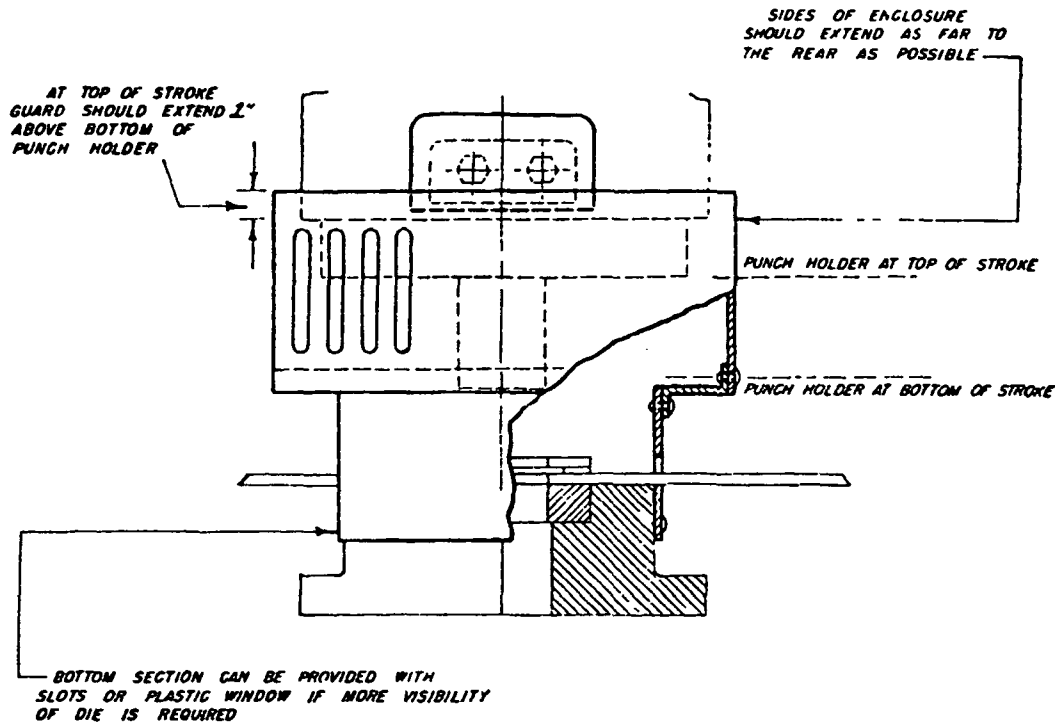


FIG 25-13 – Die enclosure guard for strip or coil stock showing the vertical clearances required

Courtesy Liberty Mutual Insurance Co

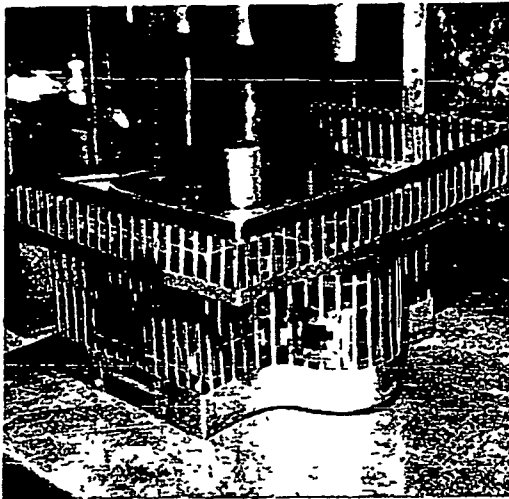


FIG 25-14 – Die guard made of preslotted material can be easily fabricated in the shop

TORQUE A twisting effort which produces or tends to produce rotation

TRIP OR TRIP DEVICE An auxiliary mechanism, which may be manually, mechanically, or automatically operated, which starts, stops, or otherwise controls operation of the primary mechanism

Point-of-operation guarding

Some means of safeguarding press operators at the point of operation should be provided and used on every press. The type of guard or protective device selected will be determined by the method of feeding and by the applicability of the guard or device to the specific operation.

Before a guard is built, the entire operation should be analyzed to determine how the processed piece can be best fed to the die, indexed or nested, and the piece and the