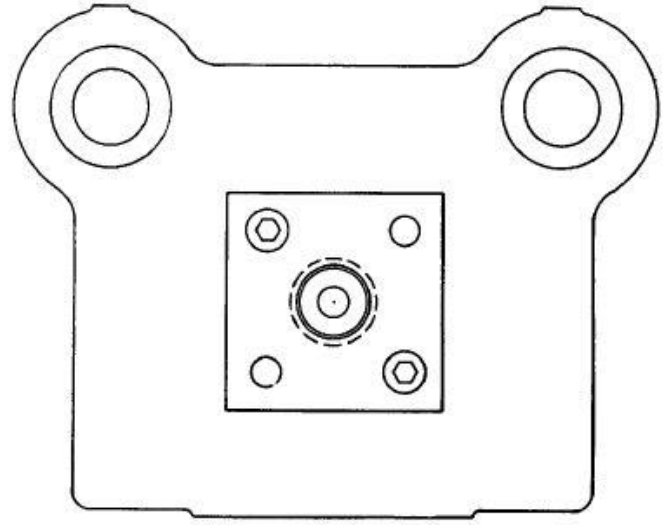
قالب های برش
گام به گام طراحی و ساخت

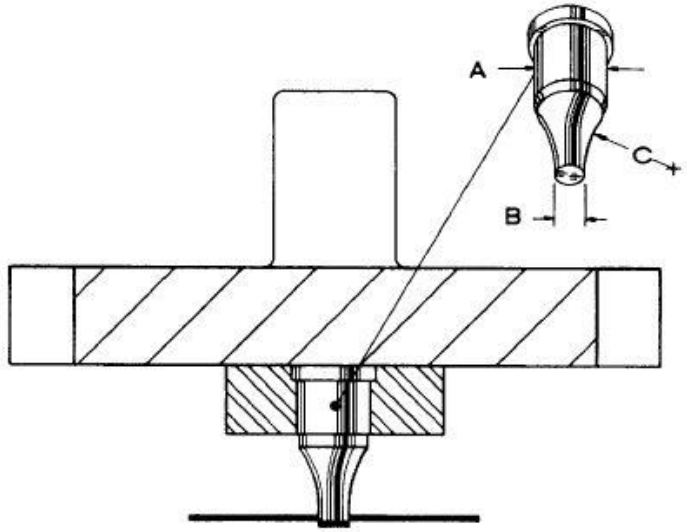
فصل هشتم: روش طراحی سنبه های پولک زنی

ویرایش اول

زمستان ۹۳



b



a

Figure 8.1 A method of applying a blanking punch for small washers.

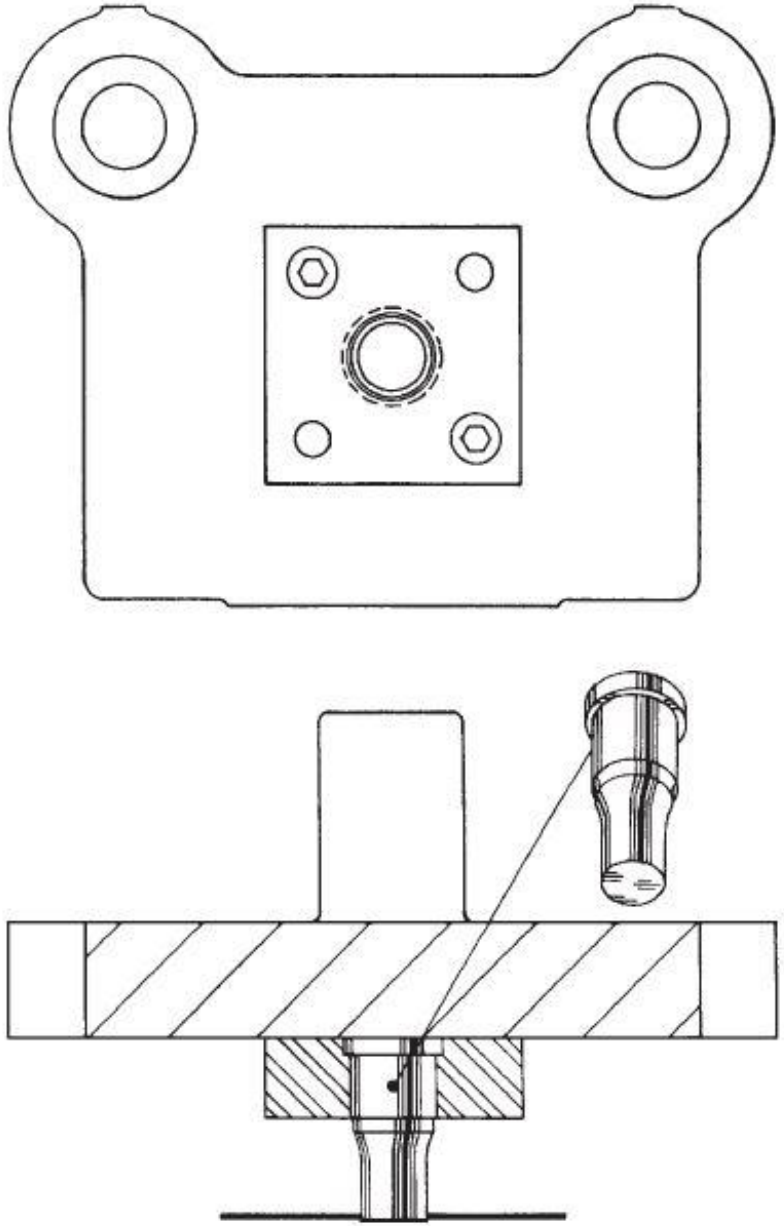


Figure 8.2 A method of applying a slightly larger blanking punch.

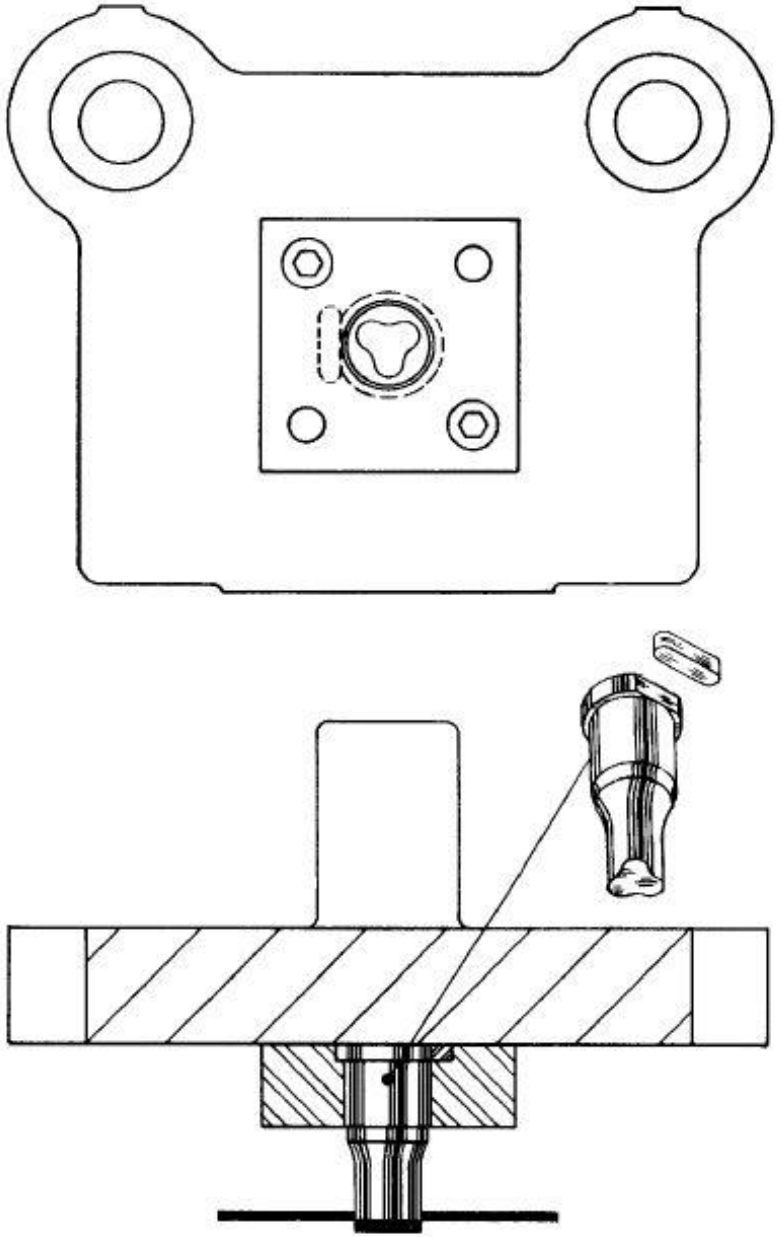


Figure 8.3 One method of keying a blanking punch.

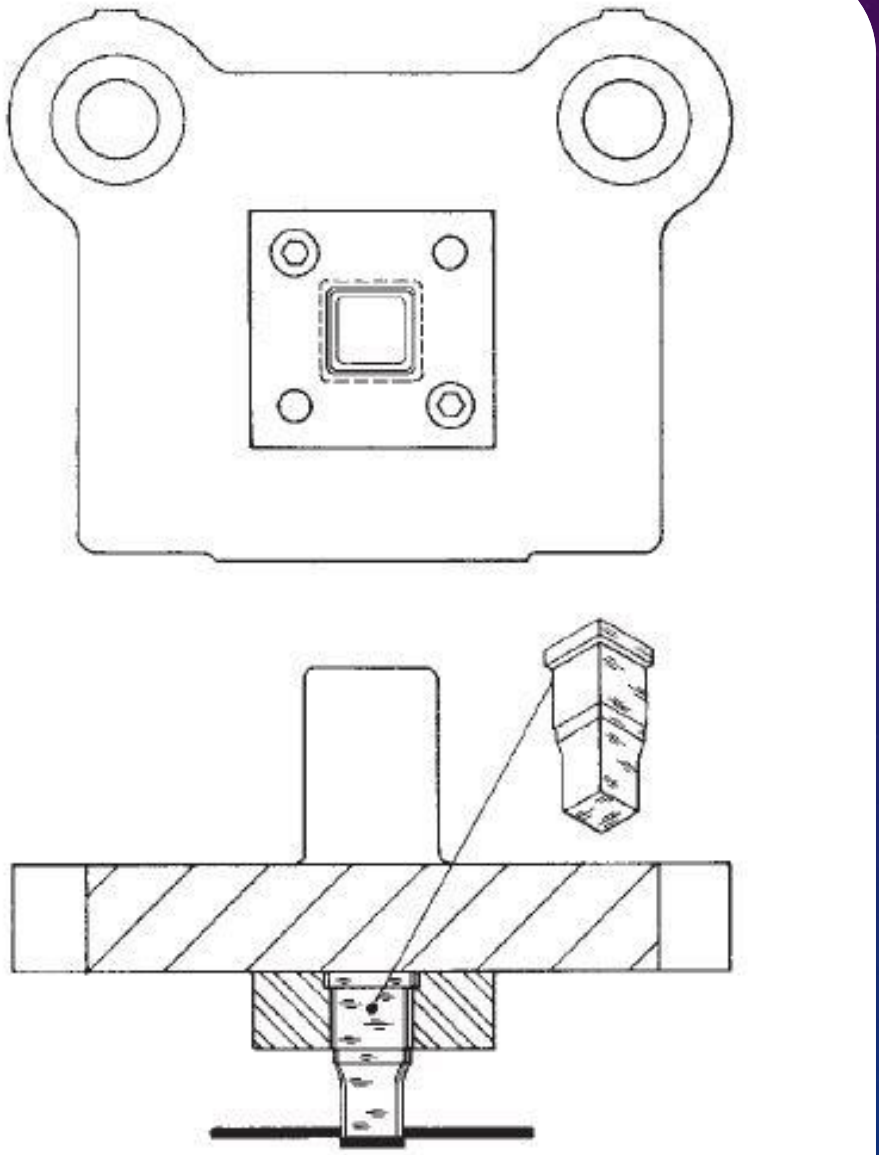


Figure 8.4 A square-machined punch body for keeping punch from turning.

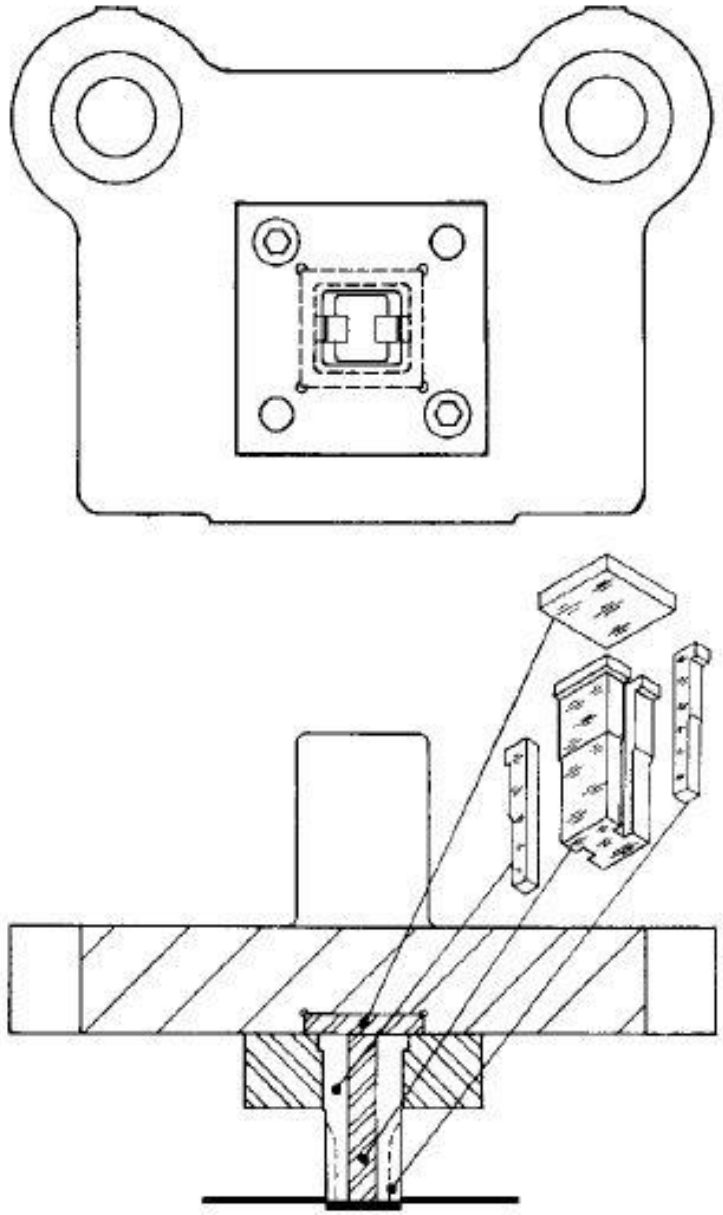


Figure 8.5 Inserts used in the weak areas of small blanking punches.

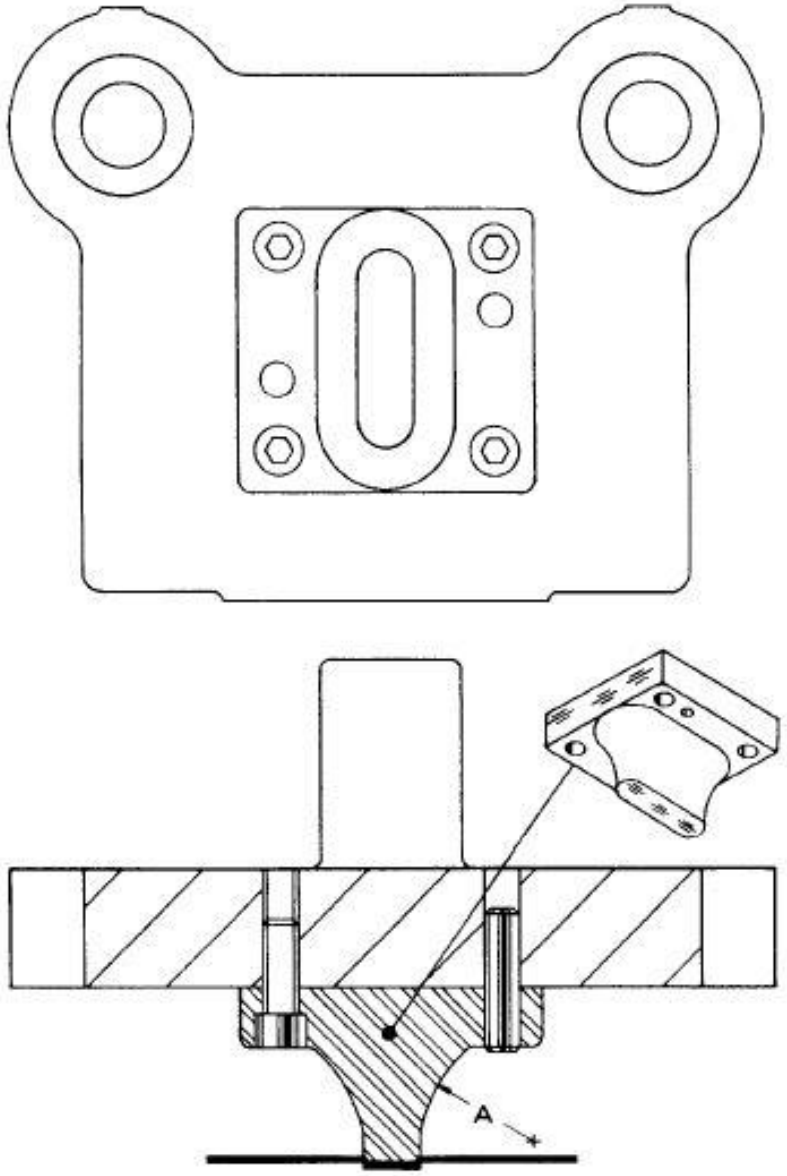


Figure 8.6 Radius A provides extra support in this narrow-and-long punch.

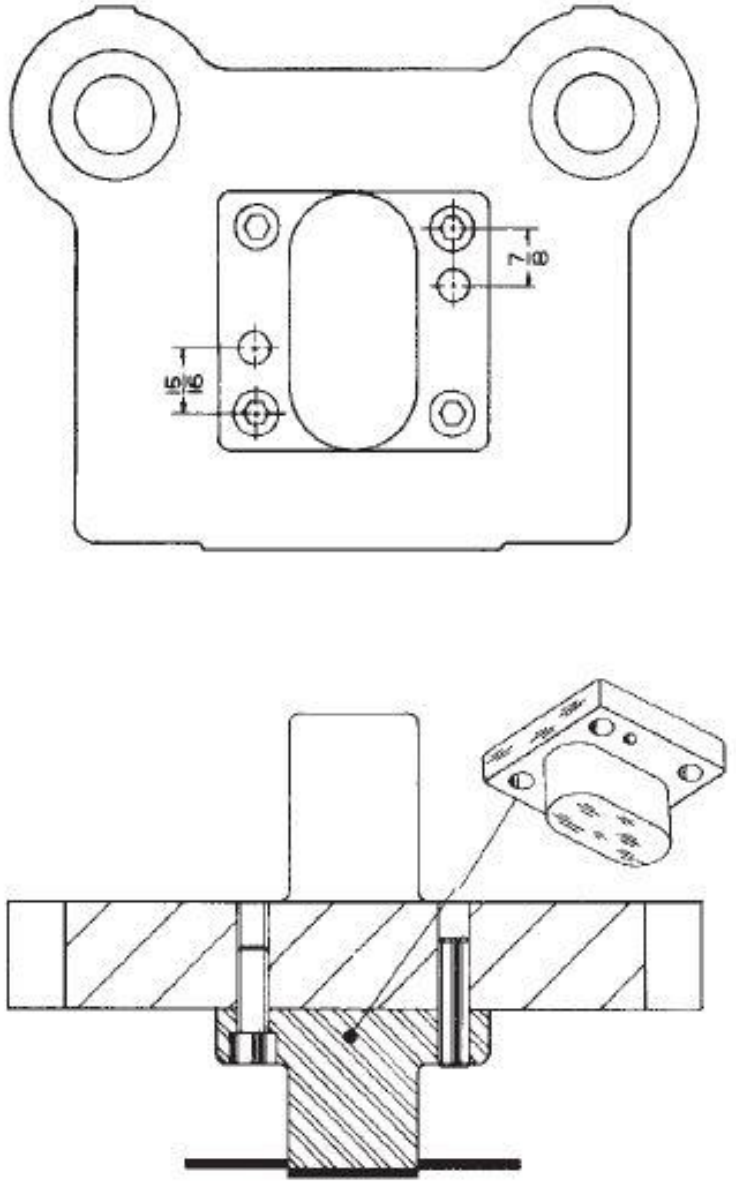


Figure 8.7 A widely used blanking punch for producing average-size blanks.

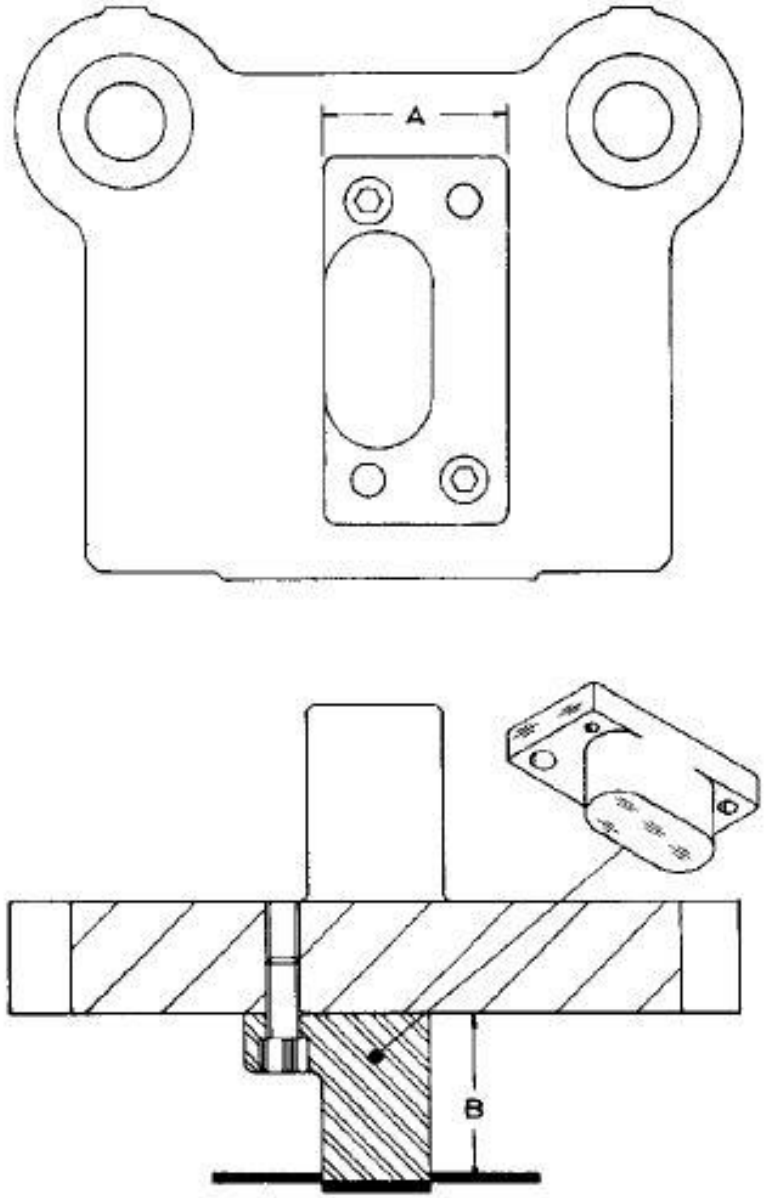


Figure 8.8 Removing a portion of the flange to provide clearance for other die components.

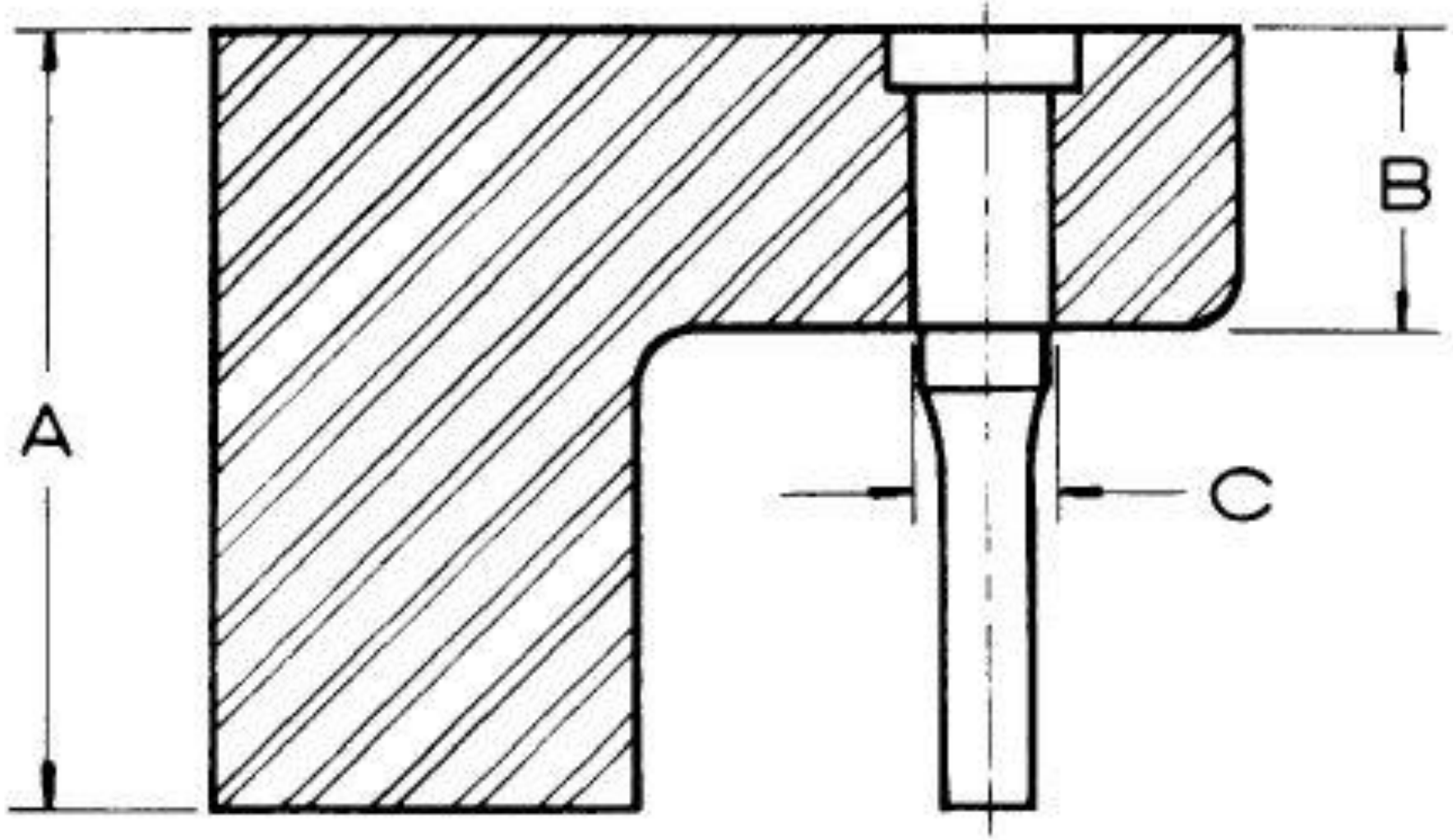


Figure 8.9 Typical proportions of medium-size blanking punches.

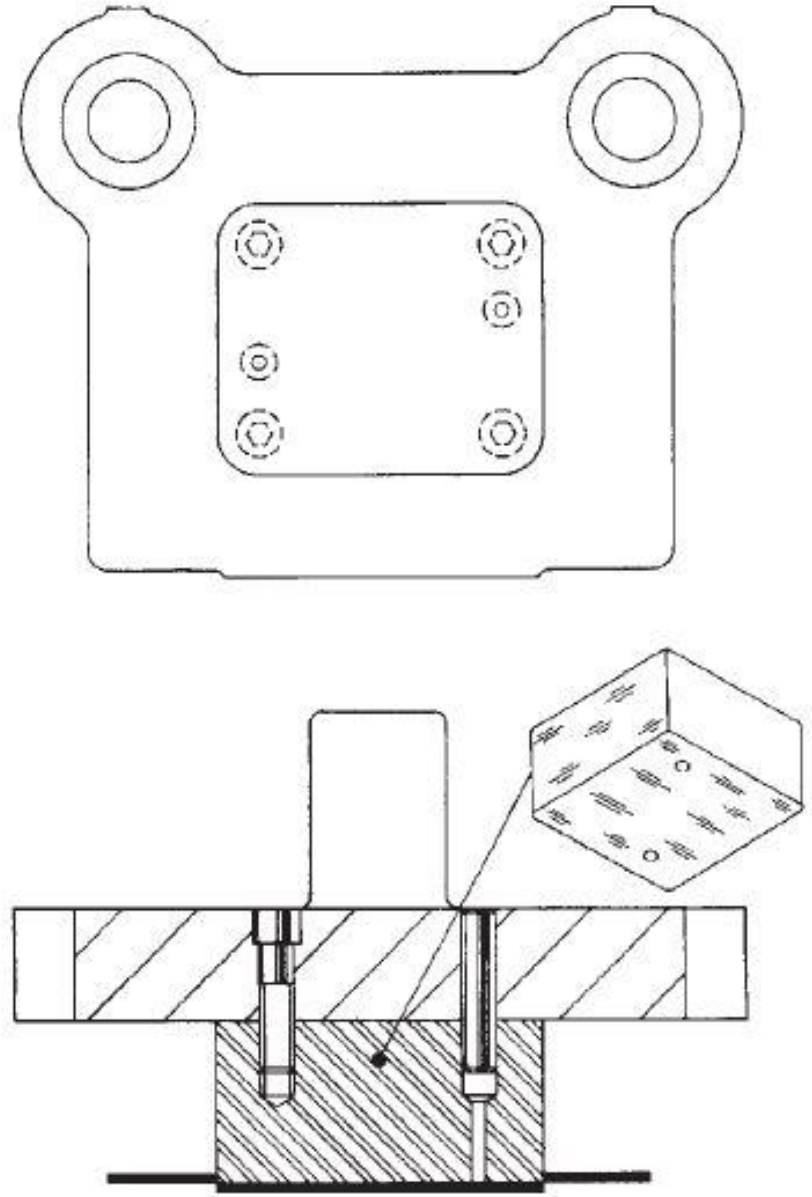


Figure 8.10 Large blanking punches do not require flanges.

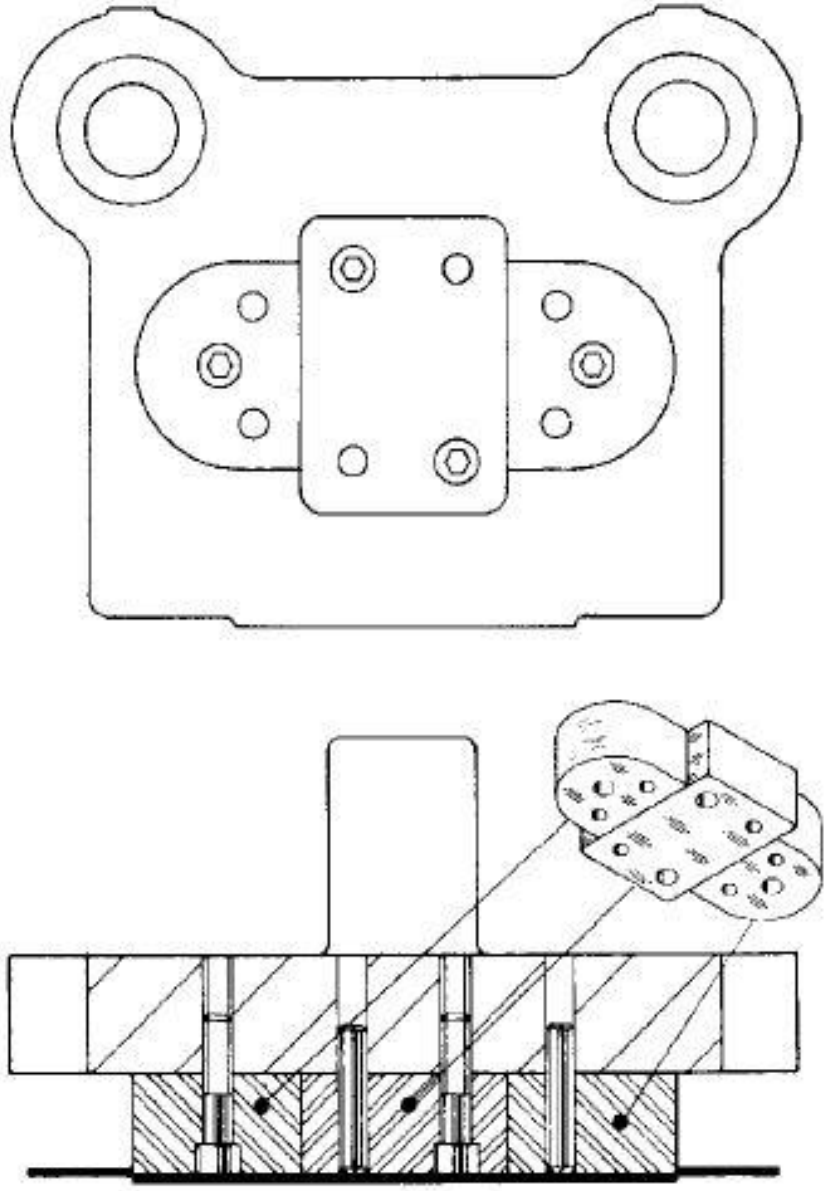


Figure 8.11 Large blanking punches are sectionalized to facilitate heat-treating and minimize distortion.

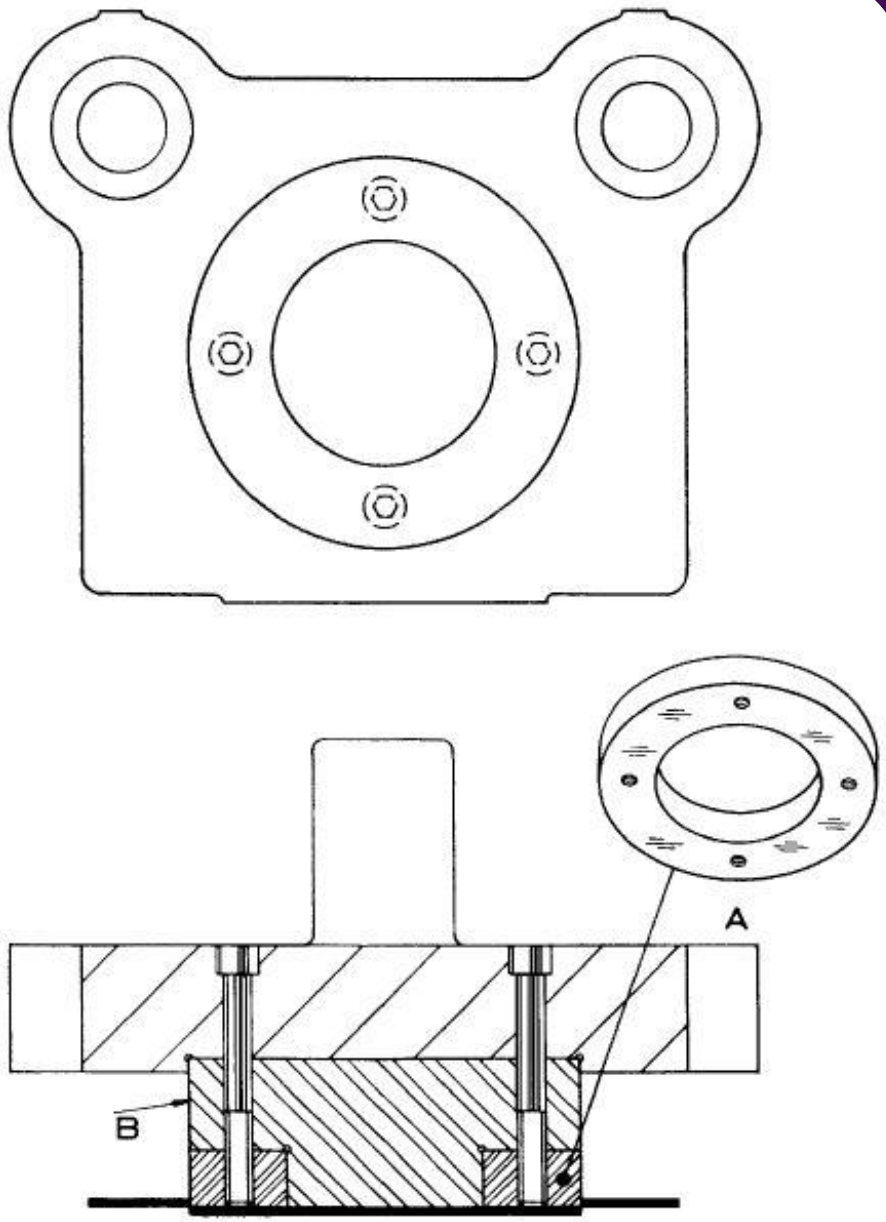


Figure 8.12 This large circular blanking punch is made in two parts to conserve tool steel.

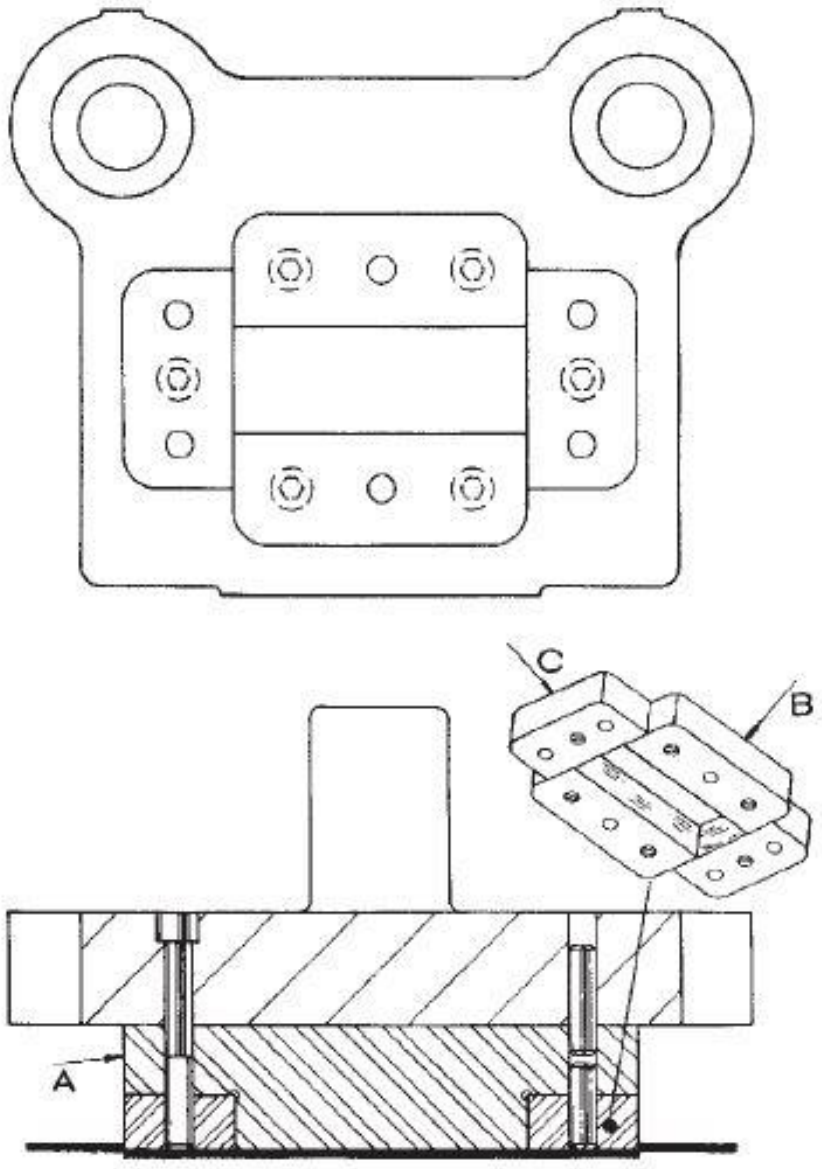


Figure 8.13 Construction method for large blanking punches with irregular contours.

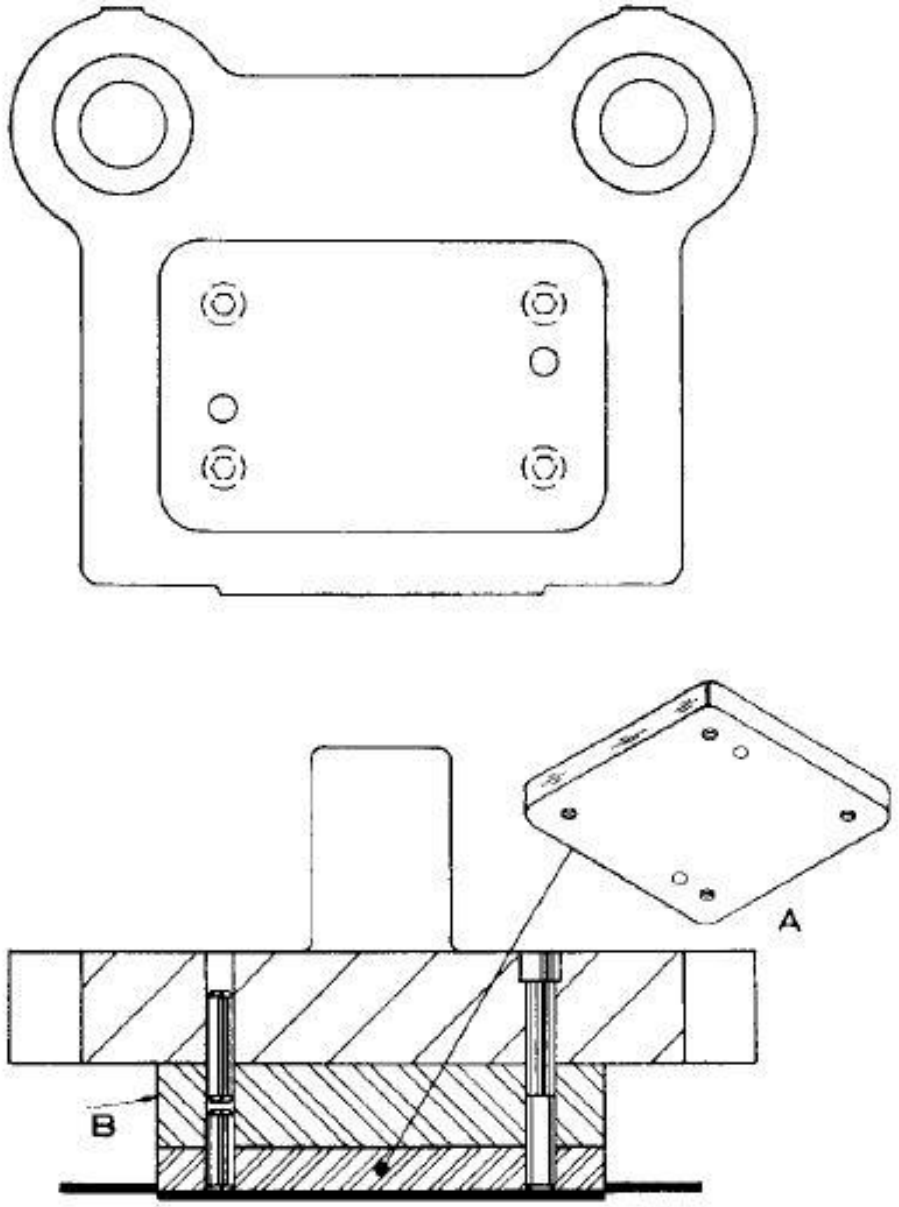


Figure 8.14 Use of a spacer **B** to conserve tool steel.

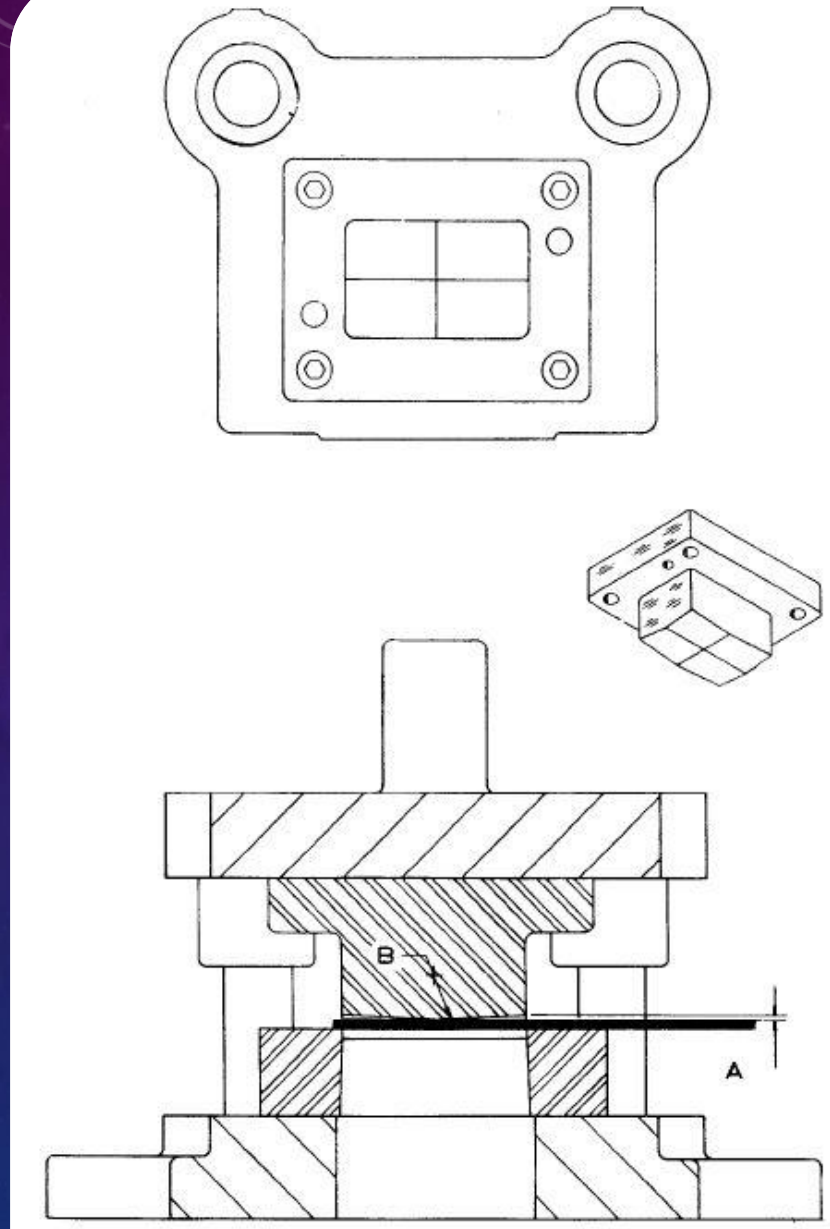


Figure 8.15 A punch configuration for applying shear in cutting large openings.

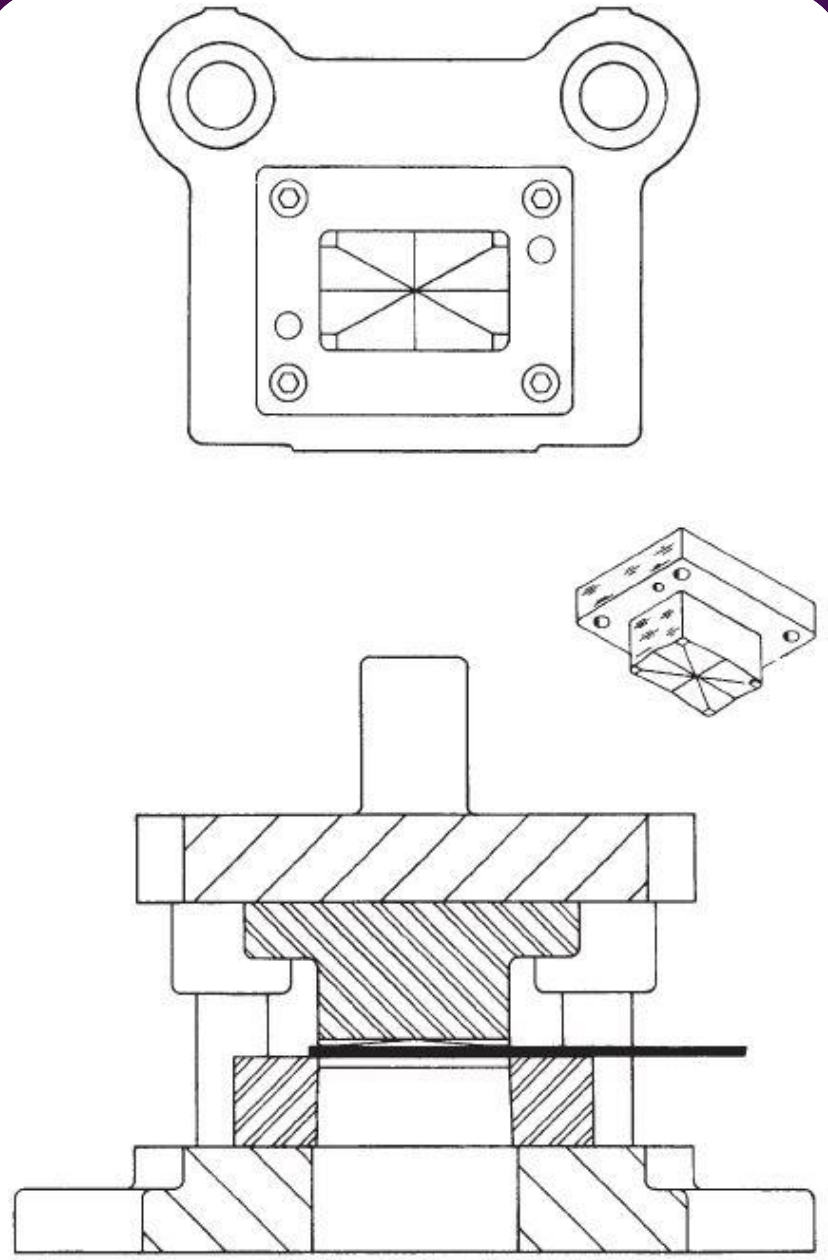


Figure 8.16 An alternate punch configuration for applying shear.

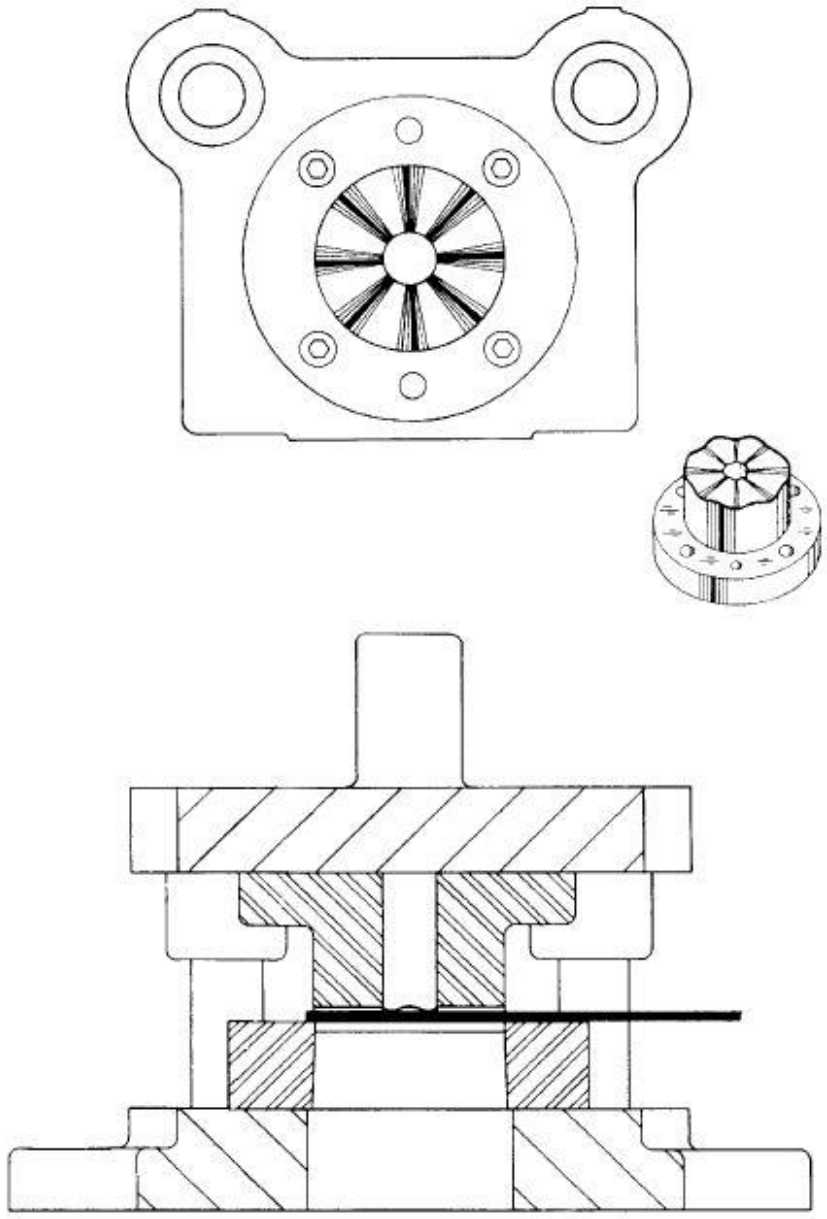


Figure 8.17 Scalloping provides a means of applying shear in cutting round holes.

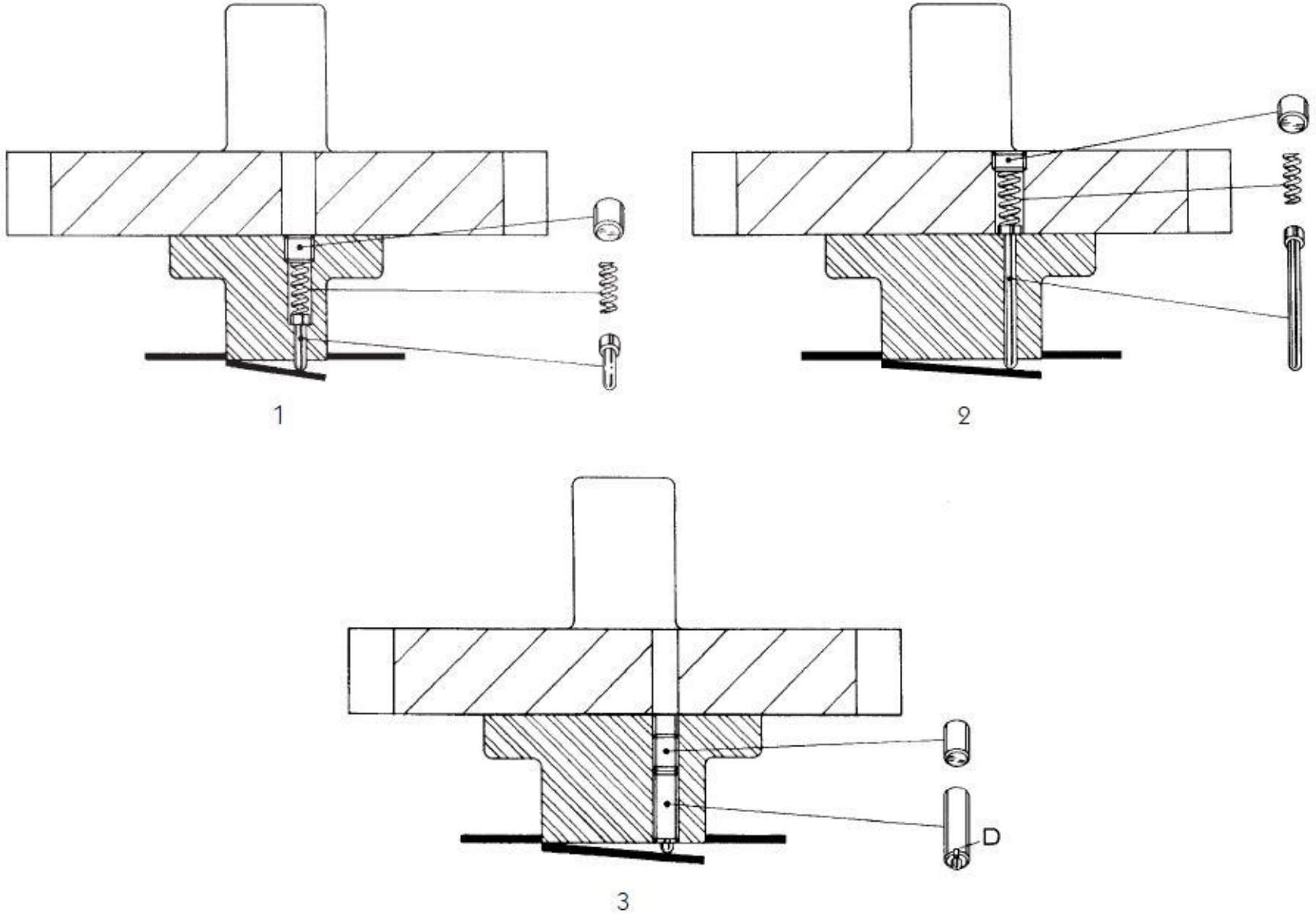


Figure 8.18 Different versions of a shedder assembly, which prevents clinging of the blank to the punch face.

پایان فصل هشتم

با سپاس از توجه شما...