ORIGINAL

ABSTRACT

Low Profile Disc Clamp

A circular disc clamp having a plurality of oval-shaped screw holes (16). The oval shape prevents the interference of the outer edge of the clamp's mounting screws (20). This permits the use of larger mounting screws to provide increased shock resistance. It also moves the screw contact inward to smooth the spring rate of the clamp around its periphery. It also reduces the overall stack height of the clamp and spring combination.

Fig. 1