

on the band until after the dipping operation as it has been found that the plastic skin holds the shoe portions and band in an integrated assembly suitable for use especially when the band is disposed on the outside of the shoe body portions 16 so that the pressure of the band is transferred to the cutter 22 via the shoe portions 12.

In operation the workman spreads the handles 21 so as to open the split 11 sufficiently to receive a cutter 22 therein and upon the cutter being received the workman releases the handles 21 so as to permit the band 10 to contract and firmly grip the cutter 22. The cutters 22 may be stacked on their tops 23 as seen in Fig. 2 or stacked on their bottoms 24 with the inventive cutter guard providing a cushion seat. In this connection it is to be noted that the cutter guard toe portions 13 envelop the axially extending cutter portions 25 and that the heel portions 14 of the guard envelop the radially extending portions 26 of the cutter blades 27.

Although but a single embodiment of the invention has been shown and described in detail, it is obvious that many changes may be made in the size, shape, detail and arrangement of the various elements of the invention within the scope of the appended claims.

I claim:

1. A guard for especially sharp, very heavy, hard to handle and protect, easily shattered and broken multiple blade milling cutters having blades circumferentially disposed with blade portions extending radially and axially, comprising a spring steel split band for circumferentially surrounding the radially extending cutter portions; said band having opposite edges, an inside face, and an outside face; shoes having a body portion disposed on the inside of said band adjacent to said band inside face so as to lie between said band inside face and a cutter; said body portion having opposed spaced sides normal to said band and opposed ends parallel to said band; tongues lanced from said shoe bodies on either side of said band opposite edges so as to extend over said band opposite edges; said tongues being bent down over said band outside face so as to interlock said shoes on said

band; said shoe bodies being circumferentially slidable relative to said band to facilitate spacing; toes on one end of said shoe bodies extending radially inwardly so as to overlie a cutter's axially extending blade portion, heels on the other end of said shoe bodies extending radially inwardly so as to overlie a cutter's radially extending band portion; said shoe bodies, toes, and heels being capable of gripping a cutter under the pressure of said spring band; resilient, protective, plastic material disposed over all said parts in an enveloping coating so as to prevent said shoes circumferentially sliding relative to said band, to provide a protective cushion for cutter blade sharp edges, to provide a protective cushion for a workman's hands, and to permit co-action and parts movement relative to opening and closing of said split band; said split band and associated shoes and coating being capable of being sprung outwardly open to receive a cutter and capable of resiliently closing to hold a cutter.

2. In a device as set forth in claim 1, said toe and heel portions being angled off substantially parallel to said band so as to avoid interference.

3. In a device set forth in claim 1, handles adjacent said band split for opening said band.

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