

In Figure 6, the Von Mises stress distribution is shown for a trigger whose side hoop ribs have been extended. Peak stress drops from 114,000 psi to 66,500 psi. Figure 7 contains a close-up view of the high stress area. A different scale is used in the color contours to show the complete range of stress.

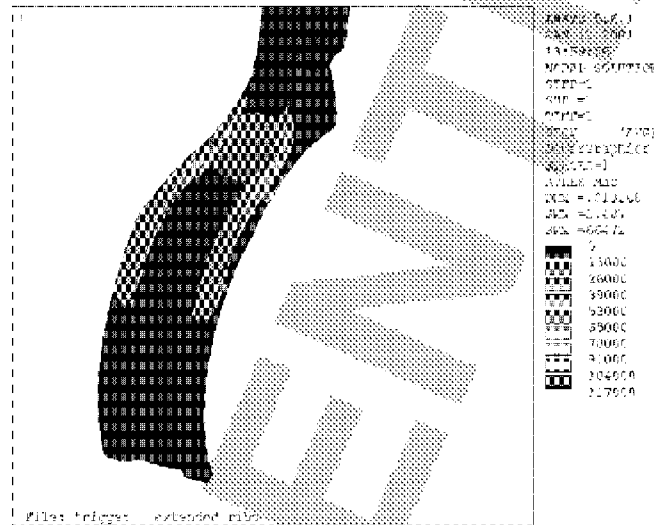


Figure 6. Von Mises stress distribution in trigger with extended ribs.

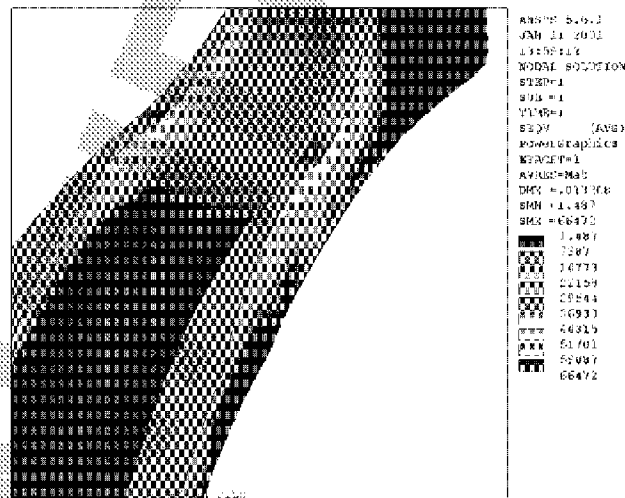


Figure 7. Close-up of Von Mises stress distribution in trigger with extended ribs.