

Technical Tips

Shaved Edge versus Ground Edge

The differences between shaved and ground cutting edges for flat die rule are:

- The advantages of shaved edge is without a doubt the height accuracy and the faster production times. •
- Shaved edge products require a 500 ft. minimum due to extensive set up cost.
- Ground edge is much sharper and often works much better on materials like plastic. This is attributed to the fact the material stretches when it cuts and the vertical grind marks act like Mini-serrations. The height accuracy is not as good and the production time is much slower.
- The majority of the non-standard items at National Steel Rule are ground edge as well as all of the rule manufactured at Seaboard and Zimmer (with the exception of standard 2 pt. Business form perforating rules).
- Standard high-volume flat die rule at national is shaved-edge.