

# National Steel Rule

## PERFormaX SRP/RRP Rotary & Flat Perforating Rule & Wheels

*Taking the mystery out of shelf ready/retail ready packaging.*



### 4PT Non-Serrated Patterns for Rotary:

**945** - 9TPI x .050" (1.3mm) Space - **45% Hold Strength**

**955** - 9TPI x .060" (1.5mm) Space - **55% Hold Strength**

**860** - 9TPI x .075" (1.9mm) Space - **60% Hold Strength**

**763** - 9TPI x .090" (2.3mm) Space - **63% Hold Strength**

**568** - 9TPI x .135" (3.4mm) Space - **68% Hold Strength**

*PERFormaX is most commonly stocked and ordered in Straight Notched [SN] form.*

### 3PT Non-Serrated Patterns for Flat Bed:

**932** - 9TPI x .035" (0.9mm) Space - **32% Hold Strength**

**940** - 9TPI x .045" (1.1mm) Space - **40% Hold Strength**

**860** - 9TPI x .075" (1.9mm) Space - **48% Hold Strength**

A growing design trend in packaging continues to increase in popularity. SRP/RRP - Shelf Ready Packaging / Retail Ready Packaging is a highly effective and versatile way to merchandize products. Creating a 'point-of-sale' display for products, while at the same, time providing safe and secure shipping. Using specially perforated panels that hold during shipping, yet provide an easy-opening feature for retailers. **National Steel Rule** has recently expanded its line of **PERFormaX SRP/RRP** perf rules to help converters produce an expanded range of effective and secure SRP/RRP containers.

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**With PERFormaX, create Shelf/Retail-Ready containers that provide secure shipping, remain intact when handled, yet are easy to open by retailers.**

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And, when the packaging is opened, the look and feel of the edges is superior to that of conventional perforations.

### And...

- **PERFormaX** has strong teeth at a consistently even height for reliable press performance.
- **PERFormaX** is easy to specify, to match performance characteristics of specific jobs.
- **PERFormaX** rules are readily-available and competitively-priced.
- **PERFormaX** features matched sample-maker wheels for hand-held, and ESKO Kongsberg tables, for accurate, highly accurate sample-making.

**See the other side for important details on using PERFormaX rules by National!**

*Contact us for further information.*

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**www.steelrule.com**

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## Using PERFormaX from National.

Available in patterns for both Rotary and Flat Bed presses, National's **PERFormaX** perf rules are designed to effectively handle a large majority of SRP/RRP applications. The most common height is .970", however National can also make [to order] .995" height, which can be used for either .990" 1.00", 1.020" and/or .937" heights.

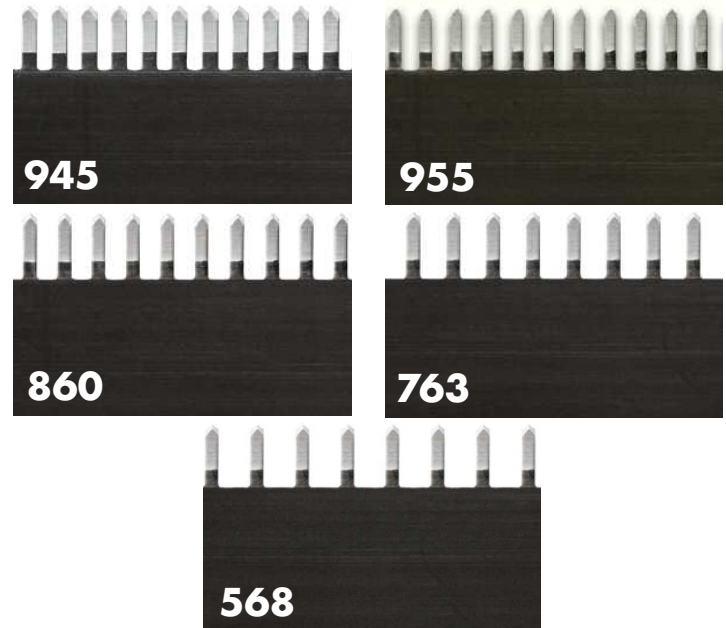
When ordering **PERFormaX**, it's suggested that it be ordered in the Straight Notched [SN] configuration. This format is ideal for creating the various I.D's and curves that SRP/RRP packaging designers call for.

When specifying **PERFormaX**, *designers and converters should consider selecting versions that offer higher hold percentages.* Taking into account that an important aspect of this type of packaging is its capability to resist the stress of handling during transportation. Our tests have shown that even at higher hold percentages, **PERFormaX** rules provide tears with relative ease, yet still have superior edge appearance and feel.

## PERFormaX's new profiles - how they compare:

- Speedi BXF and EXF - **PERFormaX = 945**  
945 is similar to 'old' PERFormaX 'Light'.
- Speedi FL 03, FL 06 & FL 09 - **PERFormaX = 955**  
955 is similar to 'old' PERFormaX 'Standard'.
- Speedi F 03 & F0 6 - **PERFormaX = 860**  
860 is similar to 'old' PERFormaX 'Heavy'.
- Speedi F 09 - **PERFormaX = 763**  
Most often used for 'fold & detach' perf.
- For Super-Strong hold jobs - **PERFormaX = 568**

## 4PT Non-Serrated Patterns for Rotary:



## Things to keep in mind when using National's PERFormaX rules:

*"Detach Only" & "Bend & Detach" are very different features in a package design.*

• **Detach Only** lines are parallel to flute direction. They will require the **least percentage of hold, like 945 & 955.**

• **Diagonal Lines** will need stronger hold percentage like - **955 & 860.**

• **Perpendicular Lines** across the flute direction will need high hold percentages like - **860 & 763.**

• **Flaps folding across** the flute direction will need the most hold percentage like - **763 & 568.**

*Mullen grade board typically is the hardest to tear, (low hold %). ECT grade board are easier to tear (med. hold %). Low fiber / compressed dust board will tear the easiest (high hold %).*

## PERFormaX Sample-Maker wheels.

Effective and accurate samples are important to showing the true effectiveness of **PERFormaX** rules. That's why National has developed wheels that are accurate to actual **PERFormaX** patterns, for hand-held and sample maker tables - available in all of the Rotary patterns, individually or in sets. Ask your National Distributor for details and information.



*Kongsberg wheels do not include holder.*

*Contact us for further information.*

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