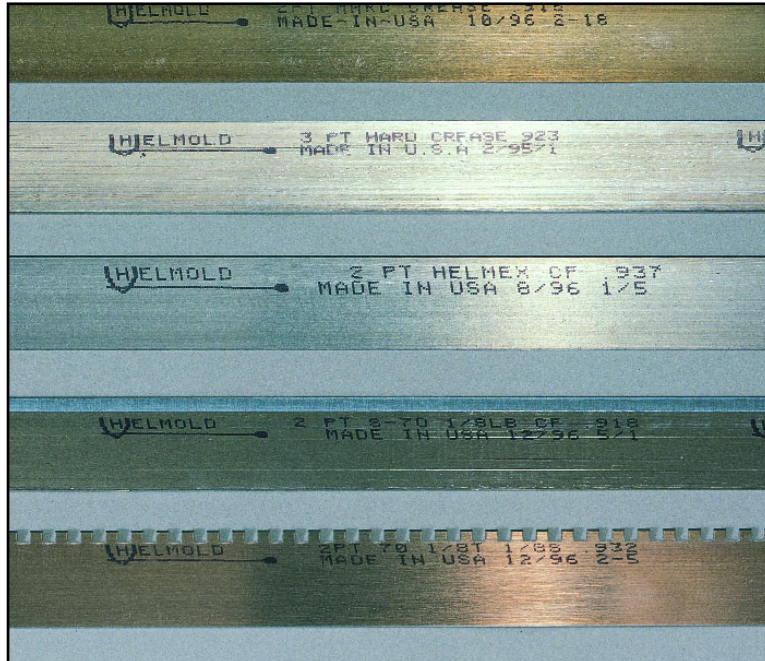
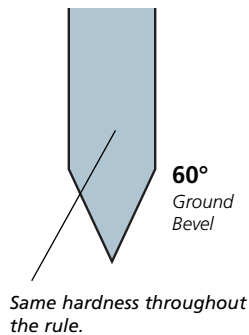


## HELMOLD



Helmold offers a wide variety of high-quality, cutting, creasing and perforating rule for a variety of uses for both flat die and rotary applications. Lazer Blade™ is Helmold's newest product, featuring highly accurate laser edge hardening.

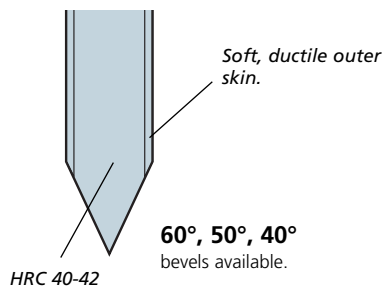
## Standard Cutting Rules



Helmold Full Hard Cutting Rule			
Scleroscopic Hardness/Description		Bend Test for 2 pt. C.B. Rule	Rockwell Hardness
#85	Extra, Extra Hard	Straight work only	HRC 57-58
#80	Extra Hard	No. 23 Die Bend	HRC 54-55
#75	Hard	No. 22 Die Bend	HRC 52-54
#70	Hard	No. 21 Die Bend	HRC 47-50
#S-70	Medium Hard	No. 21 Die Bend	HRC 43-46
#65	Medium Hard	No. 21 Die Bend	HRC 43-46
#55-60	Medium	#2 Male, #24 Female	HRC 38-41

*Softer Standard Cutting Rule available upon request.*

## Helmex Cutting Rule



- Available in 1 pt., 1-1/2 pt., 2 pt. and 3 pt. thicknesses.
- Temper hardness: HRC 40-42
- Available in a variety of bevels in either shaved or ground edge.
- Available heights .892" to 2.000" depending on pt.
- Available in strips or coils.
- Durable cutting edge, with exceptional bending qualities.
- Formulated steel alloyed with chrome, molybdenum and nickel.
- Helmex will accept up to an #X3 die bend (2 pt.)



2041 Elm Court • Ontario, CA 91761  
**Toll-Free:**  
 (800) 423-4478 • Fax: (866) 786-2437



2532 Converse Street • Dallas, TX 75207  
**Toll-Free:**  
 (800) 262-4695 • Fax: (800) 446-6651

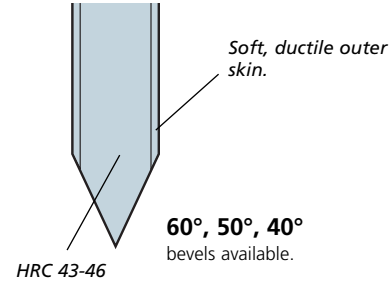


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## HELMOLD

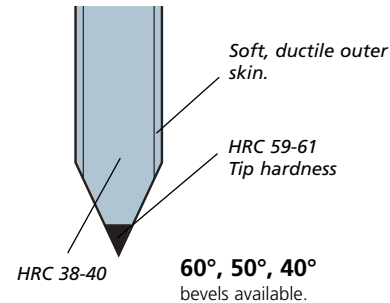
### Bendex Cutting Rule

- Available in 2 pt., 3 pt. and 4 pt. thicknesses.
- Available in a variety of bevels in either shaved or ground edge.
- Available heights .918" to 1.125" depending on pt.
- Available in strips or coils.
- Formulated to take a tighter bend than typical #65 temper rule.
- Bendex will accept up to a #2 die bend (2 pt.)
- In a ground edge, Bendex is suited for cutting coated materials, plastics and adhesive-backed materials.
- In a shaved edge, for paperboard and other fibrous materials.



### Lazer Blade™ Cutting Rule

- Available in 2 pt. and 3 pt. thicknesses.
- Standard heights available.
- Available in strips or coils.
- Using a #1 bend will take a 0.010" radius, 60° angle (2 pt. rule).
- Using an X-3 bend, will take a 0.0156" radius, 20° angle (2 pt. rule).
- Standard shaved edge, also available in ground edge.
- Laser beam hardening provides a hardened edge with no distortion to the rule body.



### Creasing Rule

- Available in 1-1/2, 2, 3, 4, and 6 pt. thicknesses.
- Double round or single round style.
- Medium hard or soft hardnesses.

### Perforating Rule

- Manufactured using high carbon steel.
- Available in a wide variety of teeth and space combinations, and controlled heights, depths and tempers.
- Available in strips or coils.

### Combination Cut and Crease Rule

- Cost-effective solution where an alternating cut and crease is desired.
- Available in 1-1/2 pt., 2 pt., 3 pt. and 4 pt. thickness.
- Creasing depths of 0.0005" to 0.490".

### Wave Rule

- Manufactured from the same high quality steel as other Helmold rule products.
- Wide variety of applications, from cutting safety edges on cartons, to deckle edges on greeting cards.
- See page 26 for profile chart.

### Zipper or Tear Edge Rule

- Available in 15 standard styles.
- Produces a "zipper-like" self-opening feature in products like ice cream, tissue, foil and plastic bag cartons.
- See page 27 for profile chart.



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