

LAZER BLADE

CUTTING RULE FROM HELMOLD

Hardest Edge
and Best
Height Tolerance
in the Industry

The finest hard-edge highly bendable rule on the market.

Ultra Hard Edge – Ultra Flexible Body

The Laser Advantage

- Laser hardened edge for unsurpassed durability
- Laser checked consistency for unsurpassed quality

As the name implies, Lazer Blade is edge hardened using a laser beam. This patented Helmold process gives Lazer Blade a much more thorough and precise edge hardness than the conventional induction method.

With the edge hardened to around a 61 Rockwell, Lazer Blade will outlast and outperform its competition. Yet the body remains relatively soft and ductile, allowing for even the most complex bends without cracking or swaging.

Lazer Blade is also 100% laser checked to ensure dimensional integrity. With a +/- .00025" height variation guaranteed per box, Lazer Blade has the best height tolerance in the business.

Your choice of Shaved or Ground edges and a full range of heights, bevel degrees, and bevel styles.



HELMOLD

Old World Craftsmanship with Cutting-Edge Technology
Since 1881



Made in the
U.S.A.

LAZER BLADE

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The edge is hard
Precision bending isn't

Now 2 to choose from – Lazer Blade and Lazer Blade H

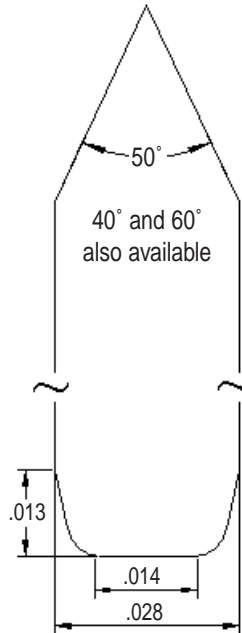
Characteristics of Lazer Blade

Rule Characteristics	Lazer Blade	Lazer Blade H
Bevel Angle	40°, 50°, 60°	40°, 50°, 60°
Body Rockwell	33-35	40-42
Cutting Edge Rockwell	59-61	59-61
Cutting Edge Hardening	Laser	Laser
Min. Bend Radius	.005"	.015"
Max Angle @ Min. Radius	160°	150°
Height Tolerance: +/-	.00025"	.00025"

Standard Heights for all rule are .918, .923 & .937.

Special Heights are available.

Note: Bending characteristics listed above are for 2-point rule.



Designed to reduce "swaging"

Generally, when tightly bending rule, the material is slightly distorted or displaced and a divot or dip is created on the cutting edge at the bend. This distortion is known as "swaging". The more pronounced the swaging, the more increased pressure is required at the press. Using a unique profile on its back edge, Lazer Blade has been specifically engineered to reduce this type of distortion. Therefore, you will see significantly less swaging when putting extreme bends in Lazer Blade in comparison to its competition.

A complete line of rules for all your applications

As the pioneer and innovator in cutting rule, Helmold offers more options than any other manufacturer. The wide range of cutting rules from Helmold is ideal for a multitude of applications and universally accepted in the diemaking industry. Our state-of-the-art manufacturing and rigid quality standards ensure unsurpassed dimensional tolerances, and the finest steel rules available in the world.

- Cutting Rule
- Lazer Blade Cutting Rule
- Perforating Rule
- Creasing Rule
- Rotary Rule
- Combination Cut & Crease Rule
- Wave Rule
- Laser Creasing Rule
- Zipper Tear Edge Rule

HELMOLD

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