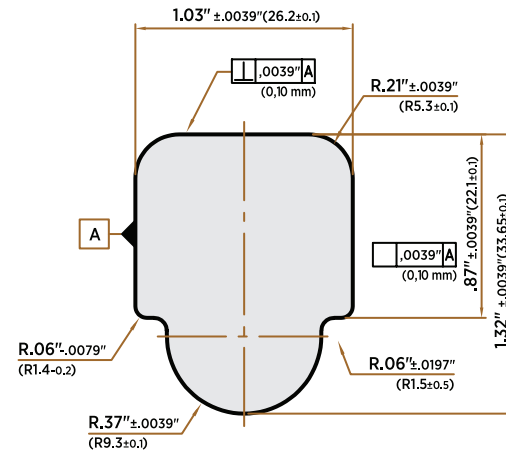
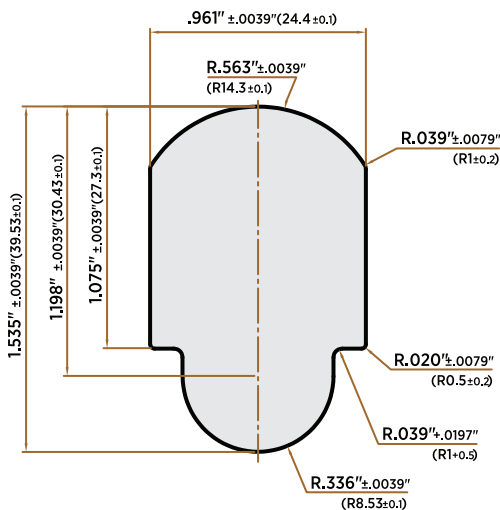


GET THE PERFECT FIT: CUSTOM SHAPES DESIGNED FOR YOUR FIREARM

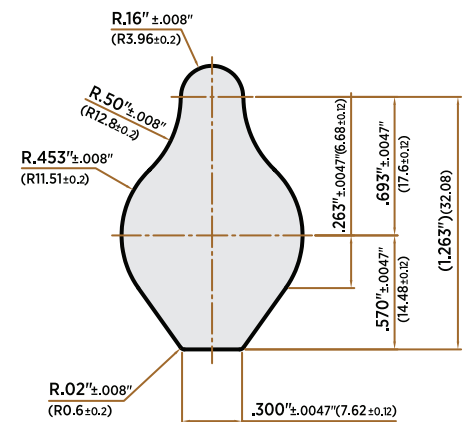
Hillman is a trusted distributor of Zollern steel profiles, specializing in precision-engineered steel components for the firearm and defense industry, including AR-15 gas blocks, slide profiles and 1911 slides. Custom profiles are also available. Known for their high wear resistance, dimensional accuracy, and exceptional material properties, our profiles offer strength up to 1200 MPa, with the option for inductive hardening for superior durability. We offer both hot-rolled and cold-drawn steel profiles in a variety of shapes and sizes. With over 60% material savings compared to machining processes and the ability to handle custom orders, Hillman provides high-end manufacturers with the reliable, in-stock steel profiles they need for superior firearm performance.



SLIDE PROFILES



GAS BLOCK



FEATURES & BENEFITS

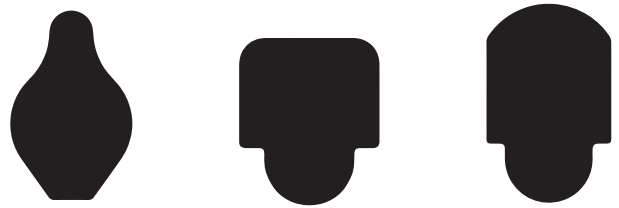
- **Materials:** Available in durable Steel 4140 and 4142 for enhanced performance, and also in Stainless Steel 300 & 400 Series Alloys and Precipitating Hardening Alloys such as 17-4PH.
- **Production Process:** Made using hot rolling, cold rolling or cold drawing which improves material strength, toughness and wear resistance.
- **Hot Rolling vs. Cold Rolling:** Hot rolling shapes steel at high temperatures, enhancing material properties, while cold rolling offers higher precision at lower temperatures.

- **Material Properties and Benefits:** Hot-rolled 4140 and 4142 steel provide excellent tensile strength, wear resistance, and cost-effective near-net-shape production. While Stainless Steel 300 & 400 Series Alloys and Precipitating Hardening Alloys such as 17-4PH add increased durability, improved resistance to heat and higher cycle life.
- **Features of Zollern Steel Profiles:** Known for high dimensional accuracy, wear resistance, and customizable designs with optional inductive hardening for increased durability. Minimal OD machining required with custom shapes, saving up to 40% of the cost of the part.

EXAMPLES OF USES



STANDARD PROFILE SHAPES



Dimension Tolerance:

Dimensional tolerances up to 30um (0.001 inch) depending on nominal dimension. In consultation with Zollern tighter tolerances are possible.

Custom Shapes:

Custom profiles are available with minimal order requirements and die charges.

Case hardened steel, heat treatable steel, stainless steel and other alloys are available upon request.

Surface Configurations:

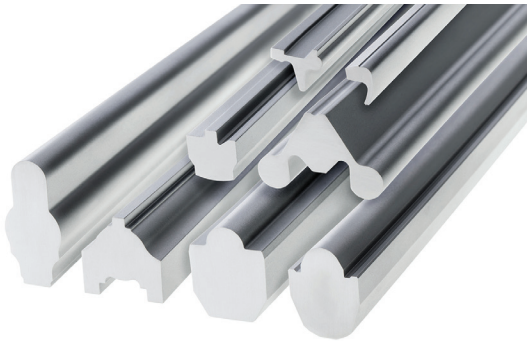
Hot rolled, cold rolled, cold drawn, phosphate treated, shot blasted or brushed connection on request. Depending on the manufacturing process surface qualities from Rz 5 achievable.

Terms of Delivery:

Cross sections from 5vmm to 7650 mm (0.008 to 11.85 sq in. Bars in manufacturing and fixed lengths up to 12000 mm (40 ft).

Machining and Treatment:

Heat treatment, induction hardening, mechanical processing to install components with surface treatment like galvanizing.



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