

HC03-B

Laser Cutting Head

The Han's Focus HC03-B cutting head delivers high-precision, stable performance for industrial laser cutting with efficient energy control and durability.

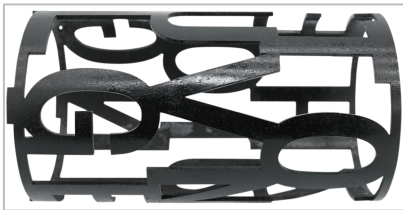
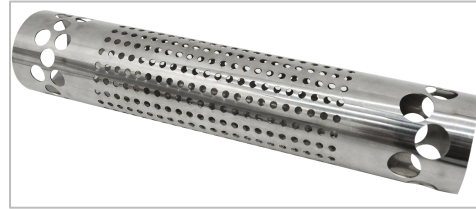
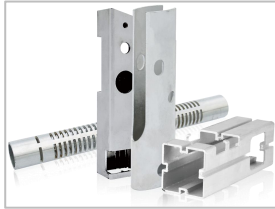


Features

- **Collimation and Focusing:** Faster focusing speed, wider focusing range, automatic focusing with reduced human intervention, quick and easy operation, significantly improving piercing efficiency
- **High Dust Resistance:** Three-layer protective lens design, protecting the internal lens and effectively extending its lifespan; patented internal cavity dust-proof technology
- **Integrated Design:** reduces assembly errors and sealing joints, effectively preventing optical components from environmental pollution, and ensuring long-lasting durability
- **Lightweight Design:** Compact structure, meeting the needs of a wider range of scenarios
- **Anti-collision Design:** Anti-collision screw design, protecting the cutting head and reducing losses caused by misoperations

Applications

- Pipe Cutting
- Machinery Manufacturing
- Furniture Accessory Manufacturing
- Aluminum Door and Window Industry

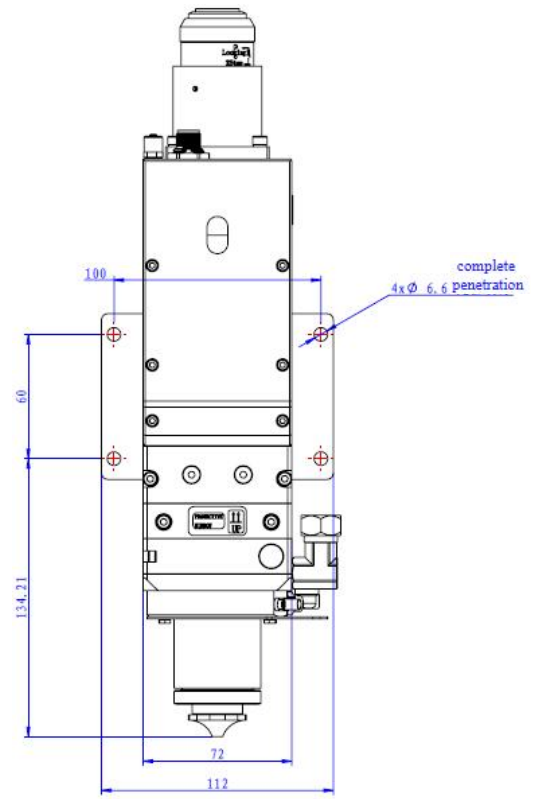
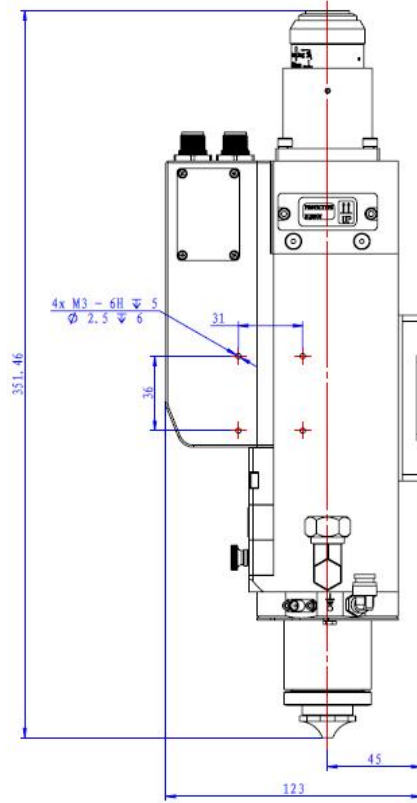
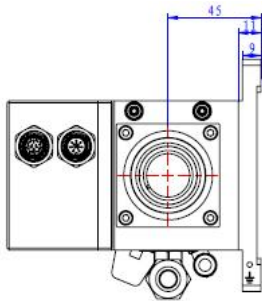


Parameters

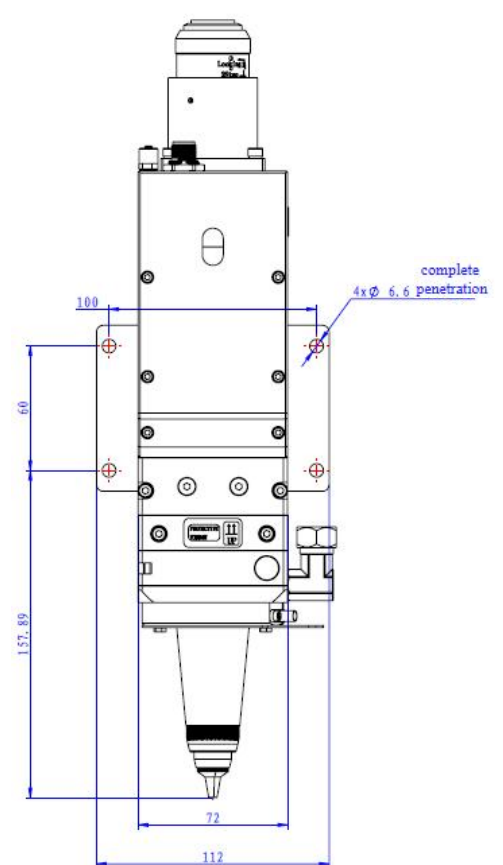
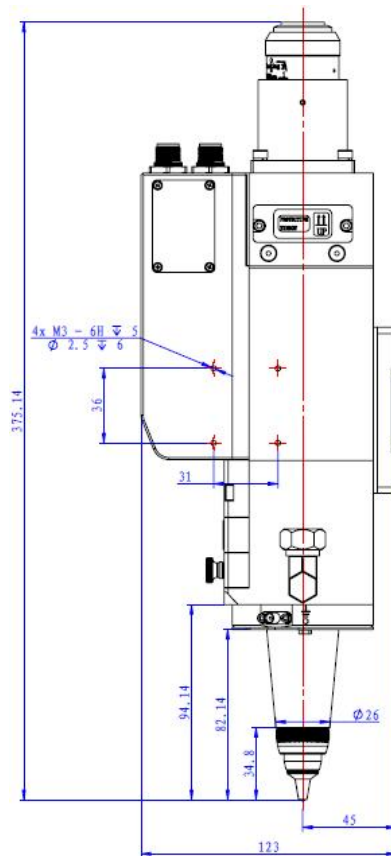
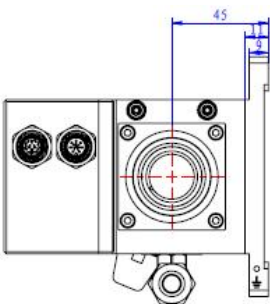
	H03-B-125	H03-B-150
Technical Parameters		
Applicable Power	≤ 3 kW	≤ 3 kW
Collimator Focal Length	100 mm	100 mm
Focal Length	125 mm	150 mm
Coaxiality Adjustment Range	± 1.5 mm	± 1.5 mm
Vertical Focus Adjustment Range	- 12 ~ + 9 mm	- 18 ~ + 13 mm
NA	0.13	0.13
Max Gas Pressure	25 bar	25 bar
Fiber Core Diameter	50 μm / 100 μm	50 μm / 100 μm
Fiber Connector	QBH, G5, etc.	QBH, G5, etc.
Weight	≤ 3.8 kg	≤ 3.8 kg
Ceramic Ring	Φ 28 mm	Φ 21.4 mm
Threaded Nozzle	M11 * 0.75 mm	M8 * 0.75 mm

* All specifications are typical data and subject to change without notice due to product improvements.

Dimensions (mm)



H03-B-125



H03-B-150

* For reference only