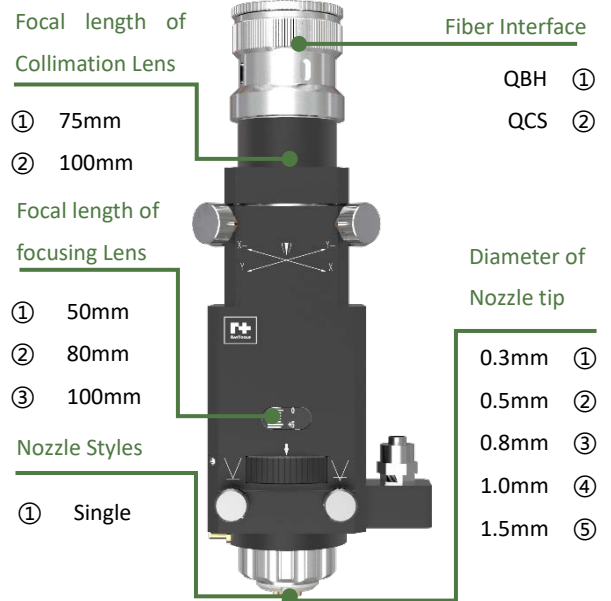


The series of laser heads BT220 are released by Switzerland RAYTOOLS AG in 2014, which are suitable for precision process of small parts. The laser head is specially designed and uses precision compound lens to eliminate spherical aberration. If BT220 work with high quality laser, the minimum width of incision can reach 8  $\mu$ m. BT220 can be widely used in the fields of ceramic processing, medical treatment and semiconductor processing.

### Features:

- The focusing lens group is composed of a plurality of precision lenses;
- Knob type of focus adjustment, meticulous and flexible.
- Adjustable range is 10mm, accuracy is 0.05mm.
- Drawer-type of lens mount, quick and easy access to the cover glass.
- Option with small diameter of nozzle tip, minimum is 0.3mm;
- With a variety of optical interfaces, can be adapted with a variety of fiber lasers.
- Optional 355nm and 532nm wavelength lenses.
- Optional CCD to monitor the cutting gap, and the fiber angle has a variety of configuration options.
- Optional introduction nozzle or height sensor (In addition to 50mm focal length).



### Specifications:

Cutting Head	
Power Rating	≤500W
Clear Aperture	20mm
Cover Glass	φ22.4mm*4.1mm (50mmFL)、φ27.9mm*4.1mm (80mm/100mmFL)
Assist gas Pressure	≤20bar
Weight	~1.5kg

\* Specifications subject to change without notice.