K-90 Fiber Cleaver

Clamp-style hand cleaver with a ruled leaf-spring scale — cleave length 2–20 mm, a carbide blade rated for up to 6,000 cleaves, made for mechanical splicing and quick field termination.

The K-90 is the cleaver a crew reaches for when the job is a mechanical splice or a connector that has to be terminated on site: no bench, no power, no setup. The fiber is laid against the ruled leaf spring in the base, the clamp pedal comes down, and one press of the blade head makes the cut — a three-step hand operation that sets cleave lengths from 2 to 20 mm straight off the printed scale. The carbide blade is rated for up to 6,000 cleaves and, like the leaf spring, it is replaceable, so the tool is serviced rather than thrown away. It takes 250 µm coated and 900 µm buffered fiber, single-mode and multimode, and at 124 x 20 x 40 mm and 60 g it adds nothing to the kit it rides in.



K-90 — clamp body, blade head and ruled scale

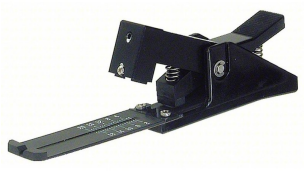
Key Features

- Ruled leaf spring scale — set the cleave length anywhere from 2 to 20 mm and read it straight off the scale in the base
- Carbide blade rated for up to 6,000 cleaves; the blade and leaf spring are replaceable, so the tool is serviced rather than discarded
- Three-step hand operation — load the fiber, clamp, press — with no power, no settings and nothing to charge
- Takes 250 µm coated and 900 µm buffered fiber, single-mode and multimode alike
- Made for mechanical splicing and the quick field termination of fiber connectors
- Clamp-style body at 124 x 20 x 40 mm and 60 g — it rides in the tool kit and is in the hand in seconds

Specifications

Operation	Three-step hand operation
Applicable fiber	Single fiber — single-mode and multimode
Cladding diameter	125 µm
Coating diameter	0.25 / 0.9 mm (250 µm coated / 900 µm buffered)
Cleave length	2–20 mm, set on a ruled leaf spring scale
Blade	Carbide blade, replaceable
Blade life	Up to 6,000 cleaves
Operating temperature	0 to 40 °C
Dimensions	124 x 20 x 40 mm
Weight	60 g

Built Around the Cut



Side view — blade head and leaf spring scale

Everything on the K-90 is in the open. From the side, the working end is a spring-loaded blade head on a clamp body: the fiber is scored and snapped in one pressing action, and the leaf spring underneath carries the fiber stop. From above, the two working surfaces are the ribbed clamp pedal — pressed down by thumb or palm to grip the fiber — and the ruled leaf spring scale that runs out from the body, marked in millimetres across the full 2–20 mm cleaving range. Setting a cleave length is simply a matter of sliding the fiber to the mark the connector or splice needs; there are no holders to swap between 250 µm coated and 900 µm buffered fiber, and nothing to adjust between single-mode and multimode work. That openness is the point of the design: on a pole, in a cabinet or at a customer's premises, the operator can see the fiber seated, see the length on the scale, and make the cut in seconds. When the carbide blade eventually dulls after its rated 6,000 cleaves, it is replaced — as is the leaf spring — and the same tool goes back to work.



Top view — clamp pedal and ruled scale

Field-Ready Details

A mechanical-splice cleaver earns its place by being there and being ready. The K-90 needs no battery, no charger and no warm-up — it works the moment it is picked up, anywhere in its 0 to 40 °C operating range. At 60 g it disappears into a shirt pocket or the corner of a splice tray, and the clamp body is sized for one hand: pedal down with the thumb, press the head, done. Because the consumable parts — the carbide blade and the leaf spring — are replaceable, a distributor's shelf stock stays current and a crew's kit stays complete without replacing the whole tool.

OEM & Private Label

The K-90 can carry your brand. Private labeling is made to your requirements — labels with your logo, part numbers and barcodes on the tools, the inner boxes and the outer cartons, so the goods arrive ready for your warehouse. Custom barcode & contract labeling is applied to every inner box and outer carton to your receiving specification.