



PEAK Fishing



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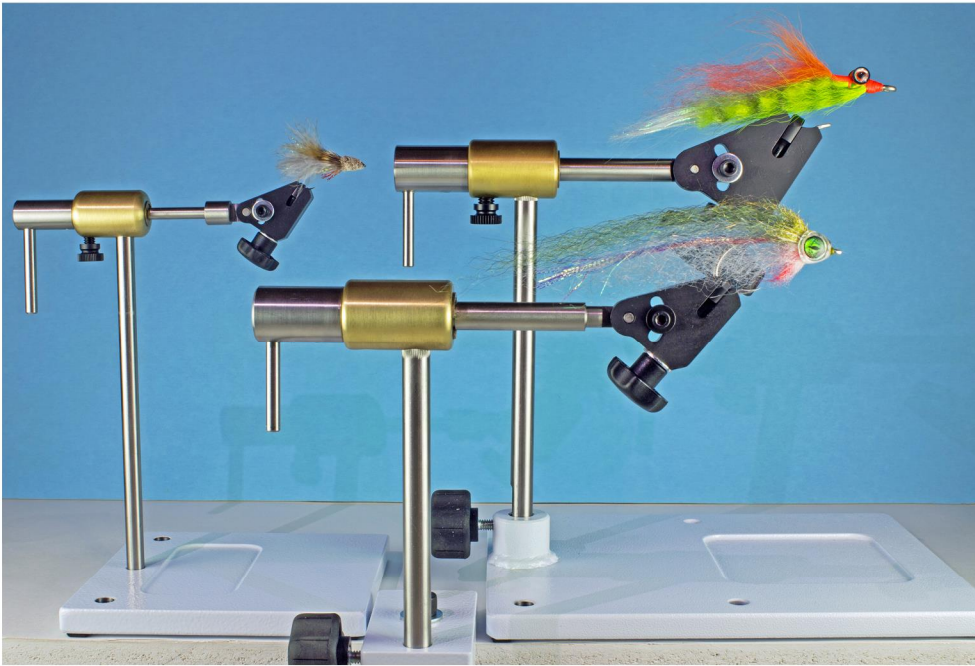
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Made In Loveland, Colorado USA

The PEAK LIRS Product Family

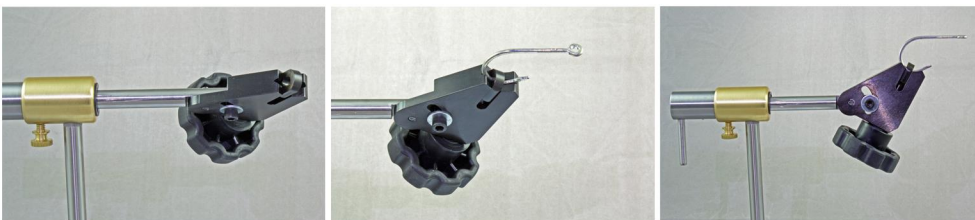
A new concept in hook holding technology!



Tying large flies aimed at larger predatory fish has gained a great deal in popularity recently. To address the needs of today's fly tier, and custom jig tier, PEAK Fishing has engineered a new concept in hook holding technology. We call it the LIRS (Large Iron Retention System).

Rather than clamping your hook between two parallel surfaces (the jaws of a conventional vise), The LIRS utilizes a drawbar to capture the bend of the hook and pull the hook into the tapered groove of the LIRS nest, where it is held securely. The LIRS system is ideal for larger wire sizes, longer hook shanks and any application where additional holding power is required to offset maximum thread tension (such as spinning or stacking hollow hair).

The PEAK LIRS is available in three sizes; back left the PRVLIRS (pedestal base option shown) front center the JS2-C1 (c-clamp option shown) and back right the JS1-G2 (pedestal base option shown).



Left - the JS1 draw bar and anvil with tapered groove. Center - slide your hook point through the drawbar slot and tighten the hand knob to secure the hook in the tapered groove of the anvil. Right - hook seated in the anvil's tapered groove with the hand knob snugged down (do not over-tighten, this system is powerful and can easily bend or break even large, heavy-wire hook). The angle of the LIRS head is adjustable so you can set up any hook shank to be horizontal while you tie.



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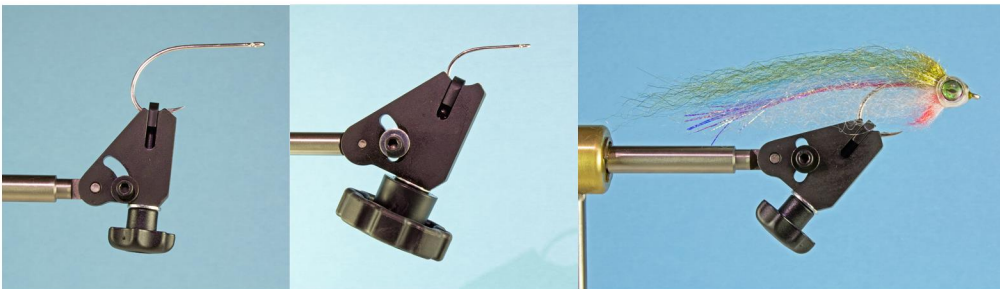
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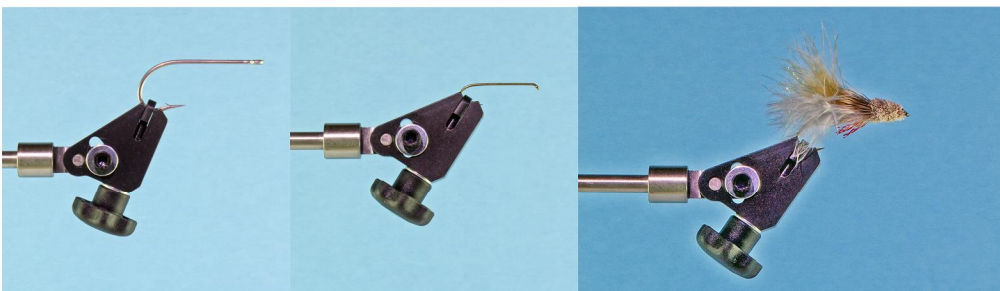
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JS1 holding; left - a 1 pound jig head on a .120 dia wire hook, center - a Gamakatsu SL12S sz 6/0 and right - a shark fly on a .10 dia wire hook



JS2 holding; left - a Gamakatsu SL12S sz 10/0, center - a Tiemco 811S sz 1/0 and right - a streamer tied on a Gamakatsu SL12S sz 8/0



PRVLIRS holding; left - a Tiemco 811S sz 4/0, center - a Tiemco 9395 sz 4 and right - a Muddler tied on a 4XL sz 2 streamer hook

Hook Size Ranges

Establishing hook size ranges for the LIRS concept is different than for conventional clamping jaws.

Clamping jaw capacity is related to the maximum (or minimum) gap between the jaw faces and the diameter of the hook wire. The LIRS products do have hook wire diameter maximums (.095" for the PRVLIRS, .134" for the JS2 and .195" for the JS1), but the width of the tapered groove opening, the distance from the back of the hook barb to the beginning of the bend and the shape of the hook bend all factor into how the hook seats in the anvil. Above are some hook size range guidelines based on hooks we've tied on using the LIRS products. These are only guidelines, you may find you are comfortable tying on a larger or smaller range of hooks than we did. Larger hooks are shown on the left, smaller hooks are shown in the center.



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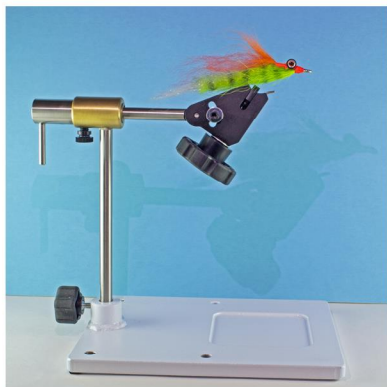
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LIRS Heads; rear left PRVLIRS, front center JS2, right rear JS1.



JS2-G2
Large LIRS head with a pedestal base



PRVLIRS-G2
Small LIRS head with a pedestal base

Products and Part Numbering:

There are 9 product offerings in the LIRS product series. To understand the products it is useful to understand PEAK's LIRS product numbering convention. LIRS (the Large Iron Retention System) refers to the actual head that holds the hook. There are three sizes; the JS1 (largest) the JS2 (medium) and the PRVLIRS (smallest). The nomenclature for the LIRS product size is the pre-fix for each of the product line item numbers. For example a medium size LIRS head item number will begin with JS2, this is followed by a dash and a designator for the style of mount for that item (ie JS2-G2 or JS2-C1).

The LIRS products all have one of 3 suffixes in their item number. -G2 indicates a pedestal base model. -C1 indicates a c-clamp option. -HD indicates a conversion head only.

The list of products available is as follows:

- JS1-G2, Large LIRS w/pedestal base
- JS1-C1, Large LIRS w/c-clamp
- JS1-HD, Large LIRS conversion head
- JS2-G2, Med LIRS w/pedestal base
- JS2-C1, Med LIRS w/c-clamp
- JS2-Hd, Med LIRS conversion head
- PRVLIRS-G2, Small LIRS w/pedestal base
- PRVLIRS-C1, Small LIRS w/c-clamp
- PRVLIRS-HD, Small LIRS conversion head



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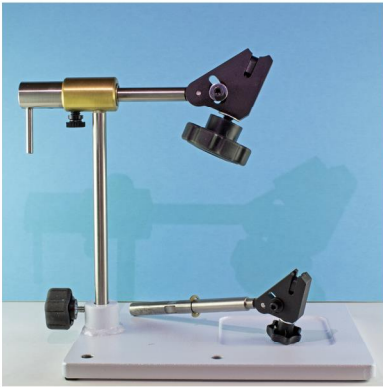
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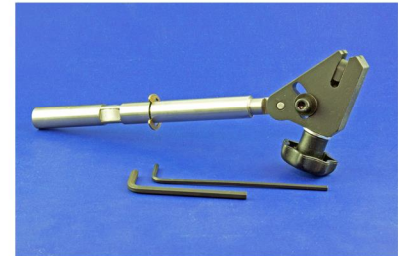


Pictured above is a JS1-G2 (large LIRS head with a pedestal base option) and a JS2-HD (medium LIRS conversion head)

Product Platform and compatibility:

LIRS products come on two distinct platforms.

This is important as LIRS products are only compatible with other products from the same platform. The two platforms are JS (Jurassic Series) and PRV (PEAK Rotary Vise). The prefix of each part number of the LIRS product line begins with the platform designation, either JS or PRV. JS1 and JS2 products are compatible with each other, but not the PRV platform. PRV platform products are not compatible with JS products, but are compatible with PEAK's rotary vises and related accessories. This includes using a PRVLIRS-HD to convert your current PEAK rotary vise to LIRS technology.



Pictured above is a JS2-HD (medium LIRS conversion head). If you own a JS1 or JS2 you may purchase the appropriate conversion head to achieve the hook range of both products without buying a complete second unit.

PEAK's Jurassic Series platform is designed for maximum stability and durability in extreme applications, just as the Jurassic LIRS heads. The Jurassic Series Platform is upsized from the PRV Series using a rigid 3/8" rotary shaft and stout 1/2" riser. The c-clamp is designed with rabbeted jaws and parallel guide rods, like PEAK's PRV Series clamp, but larger and made of steel for added strength. The pedestal base is a full 10" x 14" with mounting holes for attaching it to a bench if desired.



Above is the Jurassic Series c-clamp and below the Jurassic Series pedestal base, both are designed to accept PEAK's standard 3/8" diameter accessory shaft.



On the left is a PEAK rotary vise with a PRVLIRS-HD (PRVLIRS conversion head) setting on it's pedestal base. Removing the rotary handle from the rotary shaft (one set screw, wrench for loosening set screw is included with conversion head) allows for replacing the rotary vise head and rotary shaft with the PRVLIRS rotary shaft, anvil and draw bar, thus converting the PRV-G2 into a PRVLIRS-G2. All accessories for the PEAK rotary vise are compatible with the PRVLIRS products.