

HARFINGTON Introduces 6-Piece Star Knob Set with M8 Female Thread and Press-In Insert

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6 individual star knob units, each engineered with an M8 female thread and a 48mm press-in insert, have been listed by hardware supplier HARFINGTON through Portal Cantagalo. The set targets assembly professionals and maintenance crews requiring robust, ergonomic adjustment components for machinery and fixtures.

Product Composition and Key Metrics

Threaded Rod — GB - T 15389 - DIN 939 (Series 095) — GB - T 15389 - DIN 939

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Each knob in the half-dozen pack features a unified M8 female thread, commonly mated with standard metric fasteners. The press-in insert design means a threaded metal sleeve is firmly embedded into the knob body during manufacturing, eliminating the risk of thread stripping or loosening over time. The 48mm specification refers to the outer grip diameter, providing a substantial hand-hold while maintaining a compact footprint on equipment panels.

The collection is sold as a set of six identical units, simplifying procurement for multi-point adjustment systems. No additional hardware is included, allowing integrators to source matching studs or bolts separately. The set's uniform dimensions guarantee consistent torque application and appearance across installations.

Ergonomic and Functional Design

Threaded Rod — ISO - DIN (Series 153) — ISO - DIN

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The star-shaped contour offers multiple grip points, enabling effective torque transfer even with wet or gloved hands. Compared to smooth cylindrical knobs, the lobes reduce the effort required for frequent manual adjustments. The 48mm diameter falls within an ergonomic sweet spot, large enough for palm grasping without intruding excessively into neighboring components.

While exact materials were not disclosed by the listing, similar knobs in this category are typically molded from glass-reinforced nylon or die-cast zinc for durability. Such materials resist common shop fluids, UV exposure, and moderate mechanical impact, suiting both indoor factory floors and outdoor equipment enclosures.

Installation and Compatibility

An M8 internal thread accepts standard metric bolts, threaded rods, or integrally machine-studded shafts. Technicians can mount the knob by simply threading it onto the mating fastener and hand-tightening; the press-in insert provides a stable seat without needing lock washers. In designs where a secondary drive recess is present, a hex key may be used for extra torque, though the star shape is primarily intended for manual operation.

Because the thread is female, these knobs are often paired with [Hex Bolts](#) installed from the opposite side of a panel or bracket. This arrangement allows the knob to serve as a captive adjustment mechanism, simplifying disassembly and reconfiguration of jig plates, modular fixturing, or safety guards.

Market Context and Potential Applications

Star knobs with press-in inserts fill a niche between fully custom-machined adjustment handles and generic plastic thumb nuts. Industries ranging from medical device manufacturing to woodworking and packaging machinery increasingly demand toolless clamping solutions, driving listings like this on international platforms. Portal Cantagalo's inclusion of the product signals a growing digitalization of specialty hardware sourcing, where even low-volume components can reach a global audience.

Typical applications include height-adjustable guides on saw fences, locking levers for camera tripods, tensioners on exercise equipment, and access-panel fasteners in enclosures. The set-of-six packaging is convenient for small production runs or prototype builds where repeatable placement is required.

As HARFINGTON continues to expand its fastener and hardware catalog, additional sizes and thread configurations for the star knob range may follow, offering designers more flexibility in customizing equipment interfaces.

Why This Matters

This product listing underscores how even niche fastener categories like star knobs with press-in inserts are gaining dedicated supply routes via online industrial marketplaces. It reflects a broader trend where specialized assembly components become more accessible to small and medium enterprises, reducing lead times and enabling rapid prototyping of machinery interfaces.

Source: ["threaded fastener" - Google News](#)

FAQ

Who and where is involved in this threaded fastener story?

The article identifies the main organisations, people and locations tied to the development. Those named entities are the anchors for following how the story evolves across later coverage.

Is "threaded fastener" - Google News the only source for this threaded fastener story?

"threaded fastener" - Google News is the outlet attached to this item, but it should not be the only reference for an important development. Comparing it with other independent reports gives a fuller and more reliable picture.

What is this threaded fastener story about?

It summarises a recent development in threaded fastener, drawing on the original reporting. The key facts — who is involved, what changed and any figures or dates attached — are highlighted so the story is quick to grasp.

Why does this threaded fastener development matter?

The significance lies in what it signals: a notable figure, a decision, or a shift that affects the people, places or organisations named. Those are the points worth following as the story continues.

How current is this threaded fastener information?

This article was published on June 6, 2026. News changes quickly, so use it as a starting point and check the named source for later corrections, revised figures or follow-up reporting.

Is this threaded fastener report confirmed?

It reflects what the cited reporting stated at the time, which can be preliminary. For anything consequential, comparing two or more independent reports is the most reliable way to confirm the details.

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