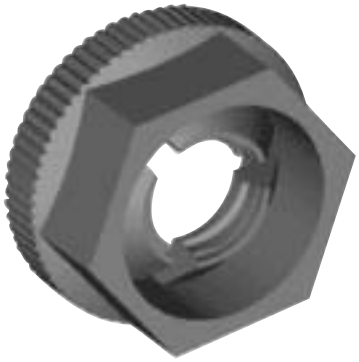
KINGNUT®

STECKEN STATT SCHRAUBEN

Keeps assemblies secure,
even when subjected to vibration or shock
Installs quickly and easily
Not affected by corrosive environments
Generally removable and reusable

Newton 450 provides for 45 kp GF tractive
power (through new compound engineering)
Up to 100° C heat resistant
Tested by TÜV, produced under
ISO 9002/EN 29002 standard



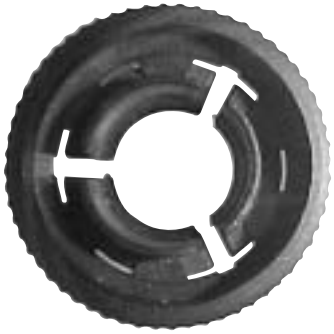
Description

The KINGNUT is a plastic push-on spring nut. It can be pushed quickly onto any threaded bolt and tightened, either manually or with a simple installation tool.

Advantages

The KINGNUT is made from a thermoplastic material that is:

- A significantly better damping material for acoustic areas
- Non-corrosive
- Non-conductive



Fitting

In contrast to conventional nuts, the KINGNUT nut is simply pushed on and then turned approximately 180 degrees to tighten. Assembly time is reduced 50% or more compared to conventional nuts.
The KINGNUT nut is designed to accommodate problem-free automated assembly.

Weight Savings

Made of thermoplastic material, the KINGNUT nut is considerably lighter than its steel equivalent. With its larger base and greater elasticity, the KINGNUT distributes load over a greater area, making it possible to use lighter weight components and eliminating the need to reinforce the clamping area.

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Dynamic Load

The revolutionary mechanical design of the KINGNUT fastener provides a vibration-resistant, self-locking capability not found in conventional steel nuts.The gripping action of the nut increases with increasing vibration loads.

Standard Deviations

KINGNUT nut dimensions are larger than conventional nuts with the same I.D.The nut has a single thread divided into three segments.The width across flats is that of the next largest standard nut.Table 1 shows a comparison of across flats (A/F) dimensions for a standard nut and a KINGNUT nut.

	M3	M4	M5	M6
Standard width A/F	5,5	7	8	10
KINGNUT width A/F	7	8	10	13

Material and Colors

The standard KINGNUT nut is made from a commercial type 6.6 polymide. It is stocked in black but can be produced in other standard colors on request.The thermoplastic material can be engineered for greater hardness or greater resiliency to meet specific application needs. Please contact us with your specific requirements.

Partial List of Applications

- Panel Assemblies
- Furniture Assemblies
- Testing and Measurement Equipement
- Fluorescent Lighting
- Electronic Assemblies
- Toys
- Air Conditioning & Ventilating Equipment
- Automobile Interior Assemblies

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