

WÜRTH Industrie Service

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NUT-AND-WASHER ASSEMBLY

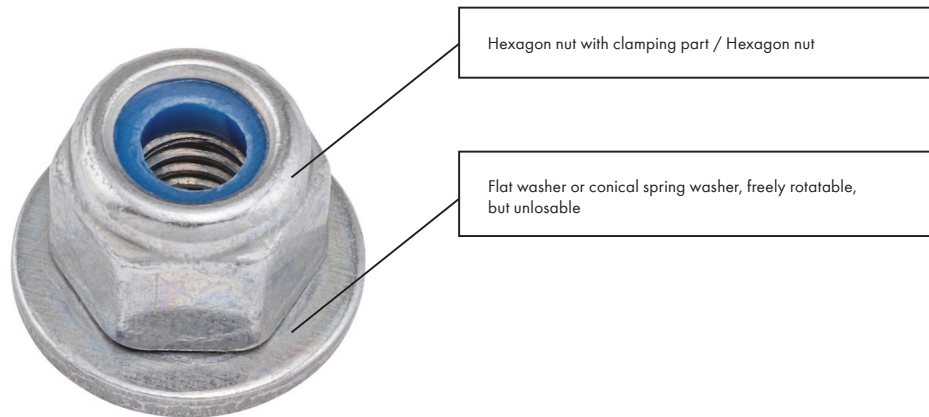


Nuts-and-washer assemblies

Nuts-and-washer assemblies are a combination of a hexagon nut and an additional fastening element which is unlosable, but still freely rotatable on the hexagon nut. Nuts-and-washer assemblies are becoming increasingly popular, especially when it comes to reducing inventory.

Necessary flat or conical washers in a bolted connection are no longer forgotten and the assembler needs less steps. The assembly procedure is streamlined and process reliability is improved at the same time.

Exemplary structure of a nut-and-washer assembly



Fields of application:

- Mechanical engineering
- Agricultural engineering
- Vehicle construction
- Automotive

Advantages:

- One-piece
- Washers freely rotatable
- Unlosable
- Reduction of inventory
- Quick and easy assembly
- Increased safety in the assembly process
- Protection of the workpiece surface
- Reduction of surface pressure

Product overview

We have expanded our product range and from now on we have different nuts-and-washer assemblies in our assortment. In the table below, you can see an overview with the most important characteristics.

	Prefix number	Design	Characteristics	Intended use and locking effect
	03794*	Hexagon nut with nylon ring and U-washer	Steel Property class 8 zinc-plated A4B	Locking against loosening and wide bearing surface to reduce surface pressure
	03798*	Hexagon nut with Trilock Clamping part and conical spring washer	Steel Property class 8 zinc-plated A4B	Locking against loosening by pressing against the spanner flat and wide bearing surface to reduce surface pressure
	5140550*	Wedge lock nut Flange nut with wedge lock washer	Steel Property class 10 Delta Protekt	Anti-rotation locking by means of a wedge lock washer and a unlosable nut with flange
	03790*	Hexagon nut with spring washer	Steel Property class 8 zinc-plated A2K	Locking against settling by means of a spring washer in combination with a hexagon nut
	03797*	Hexagon nut with contact washer	Steel Property class 8 zinc-plated A4B	Locking against settling with additional contact ribs on the bearing surface to increase friction on the bearing surface of the nut
	03791*	Hexagon nut with serrated washer	Steel Property class 8 zinc-plated A2K	For electronic contact connections

For further questions, please contact our Product Management department:
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