



Metric table

1

2

Dimensions in: millimeters - inches

a ^{-0.1 -0.5}	d				e ₁ ^{-0.1 -0.5}	e ₂ ±0.5	h ₁	h ₂ -0.4
8 0.31	M 4	M 5	M 6	-	8 0.31	16 0.63	1.6 -0.4 0.06 -0.02	5 0.20
10 0.39	M 4	M 5	M 6	M 8	10 0.39	19 0.75	3.5 -1 0.14 -0.04	5.8 0.23

Specification

- Steel, zinc plated, blue passivated finish
- RoHS compliant

Information

GN 505 serrated quarter-turn T-slot nuts can be inserted vertically into a T-slot similarly to the use of GN 508.1 rhombus T-slot nuts.

When tightening the mounting screw, the nut will be forced into a crosswise position by the torque and thus anchored in the T-slot.

This process is supported by the version with increased friction torque (type MB). In this case the nut thread is deliberately stiff.

A 90° turn of the screw / nut is sufficient to remove the two components.

The clamping face of the T-slot nut is serrated to ensure that a possible plating coat in the T-slot is penetrated, establishing a good electrical contact.

see also...

- Product Family Standard Parts for Profile Systems → page 18

How to order	1	Nut width a
	2	Thread d
	3	Type
GN 505-8-M4-MB		