MADA
M6 / M8 Nut

Technical Data Sheet

TDS-ACC-R64-Rev1 M6 / M8 Nut - 2025

Product Description

M6 / M8 hex nut with coarse metric thread (M6 × 1.0 mm / M8 x 1.25mm), conforming to ISO 4032/DIN 934, used for fastening with M6 bolts in mechanical assemblies. Typically made from galvanized steel or hot-dip-galvanized with a 10 mm for M6 / 13mm for M8 width across flats.

Field of Application

Used in mechanical, structural, and general engineering applications for secure fastening with M6 / M8 threaded components.

Manufacturing Standards

Material: Steel (typically Grade 8) Finish: Zinc-plated / Plain / Hot-dip galvanized (as specified).

Product Characteristics

Characteristic	M6 Nut	M8 Nut
Thread size (nominal ∅)	M6 (6 mm)	M8 (8 mm)
Standard coarse pitch	1.00 mm	1.25 mm
Fine-thread options	0.75 mm	1.00 mm (fine)
		0.75 mm (extra-fine)
Width-across-flats (A/F)	10 mm (ISO 4032)	13 mm (ISO 4032)
Height (thickness)	≈5 mm (regular pattern)	≈6.5 mm (regular pattern)
Typical materials & finishes	Carbon/alloy steel (plain, zinc-plated, hot-dip-galv.), stainless (A2,A4), brass, nylon-insert (lock-out) variants	
Typical strength grades	Property class 8 or 10; stainless A2-70 / A4-70	

Handling and Storage

- The dimensions and weight of the packaging vary depending on the size. Consider load centers when loading trucks.
- Puncture resistant gloves and safety goggles should used when handling the product.
- Store in dry conditions.
- The products do not pose a fie hazard. However, the protective coating may be combustible and can emit hazardous fumes. Use suitable extinguishing means: water, foam, carbon dioxide or dry powder.