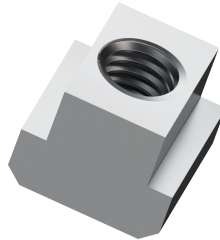


DIN 508

Nuts for T-slots



Standard	DIN 508		
Product Type	Metric T-slot nuts for T-slots to DIN 650, thread M4 to M48.		
Material	Carbon Steel, Stainless Steel		
Property Class	10 (ISO 898-2) · A2-70 (ISO 3506-2)		
Surface Finish	Zinc Plated, Plain, Passivated		
Size Range	M4 - M48	Thread	ISO metric coarse pitch

BASIS OF SPECIFICATION

WHICH STANDARD GOVERNS WHAT

Dimensions to	DIN 508:2002-06
Carbon steel / Alloy steel mechanical properties to	DIN EN 20898-2
Stainless steel mechanical properties to	ISO 3506-2:2020
Product grade	A

PROPERTY CLASSES

REQUIRED VALUES PER ISO 898-2

Class	Governing property	Source
10	Proof load - no tensile strength specified for nuts	ISO 898-2

PROPERTY CLASSES

REQUIRED VALUES PER ISO 3506-2

Class	Governing property	Source
A2-70	Proof load - no tensile strength specified for nuts	ISO 3506-2

DIMENSIONAL DATA - SIZES WE SUPPLY

ALL DIMENSIONS PER THE STANDARD

d	Thread Pitch - mm	a	e (min)	f (ref)	h	k	k (min)	Approx. Mass
Diameter - mm		T-Slot Width - mm	Width Across Corners - mm	Raised Head Height - mm	Washer Thickness - mm	Nominal Head Height - mm	Head Height - mm	
M8	1.25	10	15	1.6	12	6	5.5	18
M10	1.5	12	18	2.5	14	7	6.5	24
M12	1.75	14	22	2.5	16	8	7.5	35

FURTHER SIZES IN THIS STANDARD

ALL DIMENSIONS PER THE STANDARD

Not held in stock. Available to order; minimum order quantity applies.

d Diameter - mm	Thread Pitch - mm	a T-Slot Width - mm	e (min) Width Across Corners - mm	f (ref) Raised Head Height - mm	h Washer Thickness - mm	k Nominal Head Height - mm	k (min) Head Height - mm	Approx. Mass
M4	0.7	5	9	1	6.5	3	2.7	2.5
M5	0.8	6	10	1.6	8	4	3.5	4
M6	1	8	13	1.6	10	6	5.5	10
M16	2	18	28	2.5	20	10	9.5	75
M20	2.5	22	35	2.5	28	14	13.5	165
M24	3	28	44	4	36	18	17	345
M30	3.5	36	54	6	44	22	21	770
M36	4	42	65	6	52	26	25	1030
M42	4.5	48	75	6	60	30	29	1550
M48	5	54	85	6	70	34	33	2300

MARKING
Steel — Not mandatory on the part; required on the package

What	No head marking is specified. The standard fixes a written designation instead, and the property class or material symbol inside it comes from the referenced DIN 267 part or ISO material standard.
Where	In the written designation on the order and the certificate, not on the part
Sizes	All sizes
Clause	DIN product standards of the 1970s and 1980s, read page by page 2026-09-22, The Designation clause of the standard concerned

Clause 6 of DIN 508:2002-06 is the marking clause and it is short: as a rule nuts shall be marked with the DIN symbol in a durable manner, and the marking shall be easy to read.

Where marking is not possible for lack of space, the smallest commercially available packaging unit shall bear the marking instead, so a certificate for small T-slot nuts should state which of the two routes was used.

No property class symbol applies: Clause 4.1 leaves the steel to the manufacturer discretion, and Clause 4.2 fixes hardness instead: 170 HV or greater for M4, 188 HV or greater from M5 to M36, and 180 HV or greater above M36.

Designation: Nut DIN 508 - M16 x 18. Product grade is A to DIN EN ISO 4759-1, with general tolerances to tolerance class m of ISO 2768-1.

Confirm the ordered property class before production.

INSPECTION DOCUMENTS WE CAN ISSUE

EN 10204 3.1 material certificate	Can be included when agreed in the order.
Dimensional inspection report	Can be provided for the agreed inspection scope.
Certificate of conformity	Can be issued against the confirmed order requirements.
Mechanical test report	Available when the required tests are agreed before production.
Chemical analysis report	Available when the material verification scope is agreed.
Coating inspection report	Can record the coating checks agreed for the order.

REFERENCES & NOTES

Note: DIN 508 is a withdrawn legacy standard. No current counterpart is recorded for this product. Confirm the dimensions that matter to your assembly before substituting another standard.