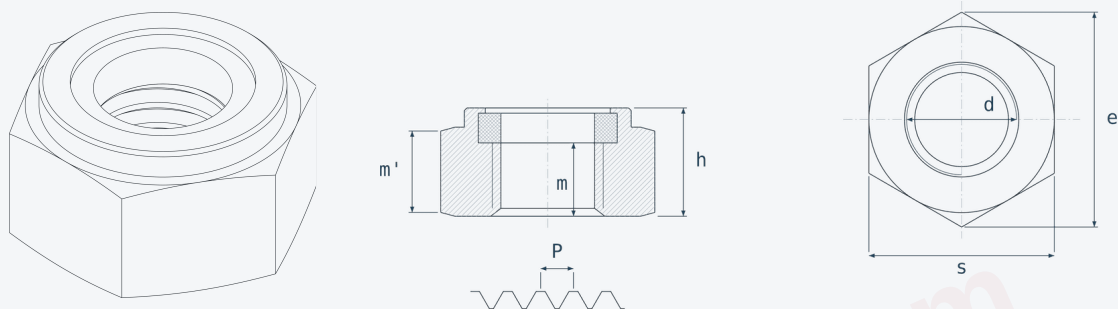


ISO 10511 Nylon Insert Lock Nut



STANDARD

ISO 10511 Prevailing Torque Hexagon Thin Nut with Non-metallic Insert

THREAD

ISO metric coarse pitch

SIZES

M3 - M36

MATERIAL

Stainless Steel, Carbon Steel

PROPERTY CLASS

A2-70, A4-80 (ISO 3506-2) · 04, 05, 8, 10 (ISO 898-2)

SURFACE

Passivated, Plain, Zinc Plated, Hot Dip Galvanized, Dacromet, Blackened, Phosphate

Dimensions follow the standard named on this sheet. Material properties and batch test results come with the order's certificate or test report.

BASIS OF SPECIFICATION

DIMENSIONS

ISO 10511:2012

CARBON STEEL / ALLOY STEEL

ISO 898-2:2022

STAINLESS STEEL

ISO 3506-2:2020

PRODUCT GRADE

A / B

DIMENSIONS

mm · ISO 10511

d	P	s _{max}	e _{min}	h
M3	0.5	5.5	6.01	3.9
M4	0.7	7	7.66	5
M5	0.8	8	8.79	5
M6	1	10	11.05	6
M8	1.25	13	14.38	6.76
M10	1.5	16	17.77	8.56
M12	1.75	18	20.03	10.23
M14	2	21	23.36	11.32
M16	2	24	26.75	12.42
M20	2.5	30	32.95	14.9
M24	3	36	39.55	17.8
M30	3.5	46	50.85	22.2
M36	4	55	60.79	25.5

P thread pitch s width across flats e width across corners h nut height

MECHANICAL PROPERTIES

ISO 3506-2

Class	Governing property
A2-70	Proof load - no tensile strength specified for nuts
A4-80	Proof load - no tensile strength specified for nuts

MECHANICAL PROPERTIES

ISO 898-2

Class	Governing property
04	Proof load - no tensile strength specified for nuts
05	Proof load - no tensile strength specified for nuts
8	Proof load - no tensile strength specified for nuts
10	Proof load - no tensile strength specified for nuts

MARKING

Carbon steel / Alloy steel: head marking to ISO 898-2:2022.

Stainless steel: head marking to ISO 3506-2:2020.

Marking requirements are set by the material standard named above.

Confirm the ordered property class before production.

DOCUMENTS

EN 10204 3.1 material certificate, dimensional inspection report and mechanical test report, on request.