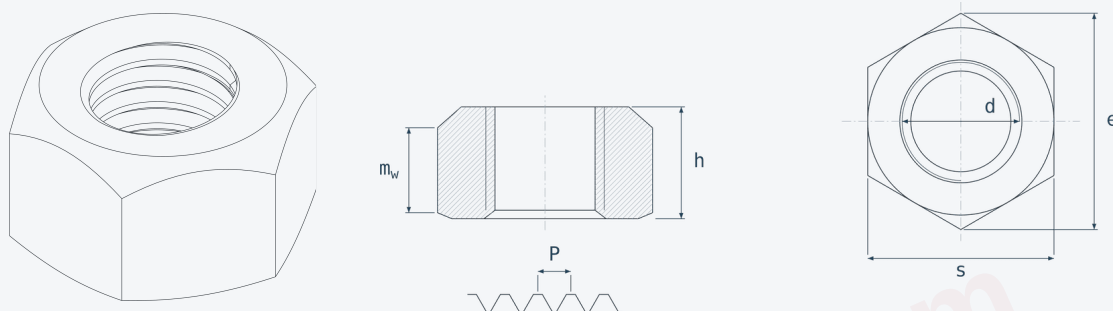


DIN 980 All-Metal Prevailing Torque Nut



STANDARD

DIN 980 Prevailing Torque All-Metal Hexagon Nut · withdrawn

THREAD

ISO metric coarse pitch

SIZES

M3 - M39

MATERIAL

Stainless Steel, Carbon Steel

PROPERTY CLASS

A2-70, A4-80 (ISO 3506-2) · 6, 8, 10 (ISO 898-2)

SURFACE

Passivated, Plain, Zinc Plated, Dacromet

DIN 980 is a withdrawn legacy standard; the current standard for this product is ISO 7042. This sheet follows DIN 980. The two can differ in some dimensions; our website compares them size by size.

BASIS OF SPECIFICATION

CARBON STEEL / ALLOY STEEL

ISO 898-2:2022

STAINLESS STEEL

ISO 3506-2:2020

DIMENSIONS EDITION

to be agreed

PRODUCT GRADE

to be agreed

DIMENSIONS

mm · DIN 980

d	P	da max	da min	dw min	e min	h max	h min	Wrenching Height min	s max	s min
M3	0.5	3.45	3	4.6	6.01	3.7	3.4	1.65	5.5	5.32
M4	0.7	4.6	4	5.9	7.66	4.2	3.9	2.2	7	6.78
M5	0.8	5.75	5	6.9	8.79	5.1	4.8	2.75	8	7.78
M6	1	6.75	6	8.9	11.05	6	5.7	3.3	10	9.78
M7	1	7.75	7	9.6	12.12	7	6.5	3.85	11	10.73
M8	1.25	8.75	8	11.6	14.38	8	7.5	4.4	13	12.73
M10	1.5	10.8	10	15.6	18.9	10	9	5.5	17	16.73
M12	1.75	13	12	17.4	21.1	12	11	6.6	19	18.67
M14	2	15.1	14	20.5	24.49	14	12	7.7	22	21.67
M16	2	17.3	16	22.5	26.75	16	14	8.8	24	23.67
M18	2.5	19.5	18	24.9	29.56	18	16	9.9	27	26.16
M20	2.5	21.6	20	27.7	32.95	20	18	11	30	29.16
M22	2.5	23.7	22	29.5	35.03	22	20	12.2	32	31
M24	3	25.9	24	33.2	39.55	24	22	13.2	36	35
M27	3	29.1	27	38	45.2	27	25	14.8	41	40
M30	3.5	32.4	30	42.7	50.85	30	28	16.5	46	45
M33	3.5	35.6	33	46.6	55.37	33	31	18.2	50	49
M36	4	38.9	36	51.1	60.79	36	34	19.8	55	53.8
M39	4	42.1	39	55.9	66.44	39	37	21.5	60	58.8

P thread pitch da underhead diameter dw bearing diameter e width across corners h thickness s width across flats

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
6	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.

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