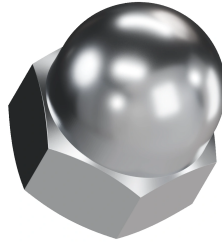


DIN 1587

Hexagon domed cap nuts



Standard	DIN 1587		
Product Type	Hexagon domed cap nuts		
Material	Stainless Steel, Carbon Steel		
Property Class	A2-70, A4-80 (ISO 3506-2) · 6, 8, 10 (ISO 898-2)		
Surface Finish	Passivated, Plain, Zinc Plated, Nickel Plated		
Size Range	M4 - M24	Thread	ISO metric coarse pitch

BASIS OF SPECIFICATION

WHICH STANDARD GOVERNS WHAT

Carbon steel / Alloy steel mechanical properties to	DIN EN ISO 898-2
Stainless steel mechanical properties to	DIN EN ISO 3506-2
Dimensions edition	to be agreed
Product grade	to be agreed

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
A4-80	Proof load - no tensile strength specified for nuts	ISO 3506-2

PROPERTY CLASSES

REQUIRED VALUES PER ISO 898-2

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

DIMENSIONAL DATA - SIZES WE SUPPLY

ALL DIMENSIONS PER THE STANDARD

d Diameter - mm	P Thread Pitch - mm	s (max) Width Across Flats - mm	e (min) Width Across Corners - mm	m Nut Height - mm	h Overall Height - mm	dk (max) Dome Diameter - mm	dw (min) Bearing Diameter - mm	da (max) Underhead Diameter - mm
M4	0.7	7	7.66	3.2	8	6.5	5.9	4.6
M5	0.8	8	8.79	4	10	7.5	6.9	5.75
M6	1	10	11.05	5	12	9.5	8.9	6.75
M8	1.25	13	14.38	6.5	15	12.5	11.6	8.75
M10	1.5	16	17.77	8	18	15	14.6	10.8
M12	1.75	18	20.03	10	22	17	16.6	13
M16	2	24	26.75	13	28	23	22.5	17.3
M20	2.5	30	33.53	16	34	28	27.7	21.6
M24	3	36	39.98	19	42	34	33.3	25.9

FURTHER SIZES IN THIS STANDARD

ALL DIMENSIONS PER THE STANDARD

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

d Diameter - mm	P Thread Pitch - mm	s (max) Width Across Flats - mm	e (min) Width Across Corners - mm	m Nut Height - mm	h Overall Height - mm	dk (max) Dome Diameter - mm	dw (min) Bearing Diameter - mm	da (max) Underhead Diameter - mm
M14	2	21	23.35	11	25	20	19.6	15.1
M18	2.5	27	30.14	15	32	26	24.9	19.5
M22	2.5	34	37.72	18	39	33	31.4	23.7

MARKING

Carbon steel / Alloy steel Head marking to DIN EN ISO 898-2

Stainless steel Head marking to DIN EN ISO 3506-2

Marking requirements are set by the material standard named above, not by the product standard. 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: Dimensional values follow the selected execution standard. Material properties and batch test results are included only when declared or supported by the applicable certificate or test report.