

DIN 571

Hexagon Head Wood Screw



Standard	DIN 571		
Product Type	Hexagon head wood screws with thread diameters from 4 mm to 20 mm for applications which do not require construction approval.		
Material	Carbon Steel, Stainless Steel		
Surface Finish	Zinc Plated, Hot Dip Galvanized, Plain, Passivated		
Size Range	4 - 20	Length Range	16-200 mm
Thread	ISO metric coarse pitch		

BASIS OF SPECIFICATION

WHICH STANDARD GOVERNS WHAT

Dimensions to	DIN 571:1986-12
Carbon steel / Alloy steel mechanical properties to	ISO 898-1:2013
Stainless steel mechanical properties to	ISO 3506-1:2020
Thread length	to be agreed
Minimum usable thread length	to be agreed

DIMENSIONAL DATA - SIZES WE SUPPLY

ALL DIMENSIONS PER THE STANDARD

d Diameter - mm	s (max) Width Across Flats - mm	e (min) Width Across Corners - mm	k Nominal Head Height - mm
4	7	7.5	2.8
5	8	8.63	3.5
6	10	10.89	4
7	12	13.07	5
8	13	14.2	5.5
10	17	18.72	7
12	19	20.88	8
16	24	26.17	10
20	30	32.95	13

TECHNICAL SPECIFICATIONS

Surface Finish	Zinc Plated, Hot Dip Galvanized, Plain, Passivated
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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 2 of DIN 571:1986-12 sets no marking symbol; the material symbol is written into the designation instead: Wood screw DIN 571 - 4 x 20 - St.
- St is steel with the grade at the manufacturer discretion. The second material column is headed Stainless steel but its cells read CuZn copper-zinc alloy and Al aluminium alloy, also at the manufacturer discretion; other materials are subject to agreement.
- Product grade is C to ISO 4759 Part 1, previously type g. Footnote 1 records that ISO 4759 Part 1 applies only to screws with ISO metric screw thread, and that its deviations have been adopted analogously for wood screws.
- The thread and thread end follow DIN 7998, not DIN 13, and the thread length b is at least 0,6 l.
- 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.