

Fully Threaded Hex Bolt DIN 933

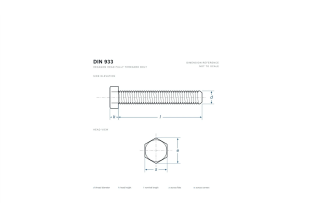
Standard: DIN 933

APPROVED

Document No. TDS-20250606-JB1E

Revision A

Issue Date 2025-06-06



Product image

Technical image 1

Standard

DIN 933

Material / Property Class

Carbon Steel, Stainless Steel, Alloy Steel

Product Type

M1.6 to M52, hexagon head screws threaded up to the head, product grades A and B.

Thread

ISO metric coarse pitch

Size Range

M1.6 - M52

Length Range

6-300 mm

Surface Finish

Hot Dip Galvanized, Zinc Plated, Blackened, Plain and more

DIMENSIONAL DATA

d diameter - P pitch - s across flats - e across corners - k head height

d Diameter - mm	P Pitch - mm	s (max) Across flats - mm	e (min) Across corners - mm	k Head height - mm
M1.6	0.35	3.2	3.41	1.1
M2	0.4	4	4.32	1.4
M2.5	0.45	5	5.45	1.7
M3	0.5	5.5	6.01	2
M3.5	0.6	6	6.58	2.4
M4	0.7	7	7.66	2.8
M5	0.8	8	8.79	3.5
M6	1	10	11.05	4
M7	1	11	12.12	4.8
M8	1.25	13	14.38	5.3
M10	1.5	17	18.9	6.4
M12	1.75	19	21.1	7.5
M14	2	22	24.49	8.8
M16	2	24	26.75	10
M18	2.5	27	30.14	11.5
M20	2.5	30	33.53	12.5
M22	2.5	32	35.72	14
M24	3	36	39.98	15
M27	3	41	45.2	17
M30	3.5	46	50.85	18.7

DIMENSIONAL DATA - CONTINUED

d diameter - P pitch - s across flats - e across corners - k head height

d Diameter - mm	P Pitch - mm	s (max) Across flats - mm	e (min) Across corners - mm	k Head height - mm
M33	3.5	50	55.37	21
M36	4	55	60.79	22.5
M39	4	60	66.44	25
M42	4.5	65	71.3	26
M45	4.5	70	76.95	28
M48	5	75	82.6	30
M52	5	80	88.25	33

TECHNICAL SPECIFICATIONS

Surface Finish	Hot Dip Galvanized, Zinc Plated, Blackened, Plain and more
----------------	--

REFERENCES & NOTES

Note: Important note: DIN 933 is a withdrawn legacy standard. This dimensional profile is provided only when the customer or order specifically requires DIN 933. Do not assume interchangeability with successor standards without confirmation.