



Hebei Tantalum Metal Products Co., Ltd.
Email: tankejinshuzhipin@qq.com WhatsApp: ++60 1118651215
Tel: +86 151 7505 1215 Xiaoyoucun Industrial Zone, Yonghehui Town, Yongnian District, Handan, Hebei Province

DIN931 Hex Bolts Bulk Supplier Carbon Steel 8.8

Execution Standard: DIN 931

DOCUMENT NO. TDS-20260703-AB4G	REVISION A	STATUS APPROVED	ISSUE DATE 2026-07-03
STANDARD DIN 931	PREPARED BY zhangsan	APPROVED BY zhangsan	

1. PRODUCT DESCRIPTION

DIN 931 hex bolts are fully threaded hexagon head bolts designed for general engineering applications requiring high tensile strength.

Manufactured from carbon steel with property class 8.8, these bolts offer a balance of strength and toughness. The black oxide surface treatment provides mild corrosion resistance and a matte black finish. Typical applications include machinery assembly, structural connections, and automotive components where reliable fastening is essential.

2. BOLT / SCREW IDENTIFICATION & SUPPLY SPECIFICATION

Material / Property Class	Carbon Steel
---------------------------	--------------

3. STANDARD PROFILE

STANDARD VALUES - NOT BATCH TEST RESULTS

Execution Standard	DIN 931
Edition	1987
Standard Status	Withdrawn legacy standard
Product Scope	M1.6 to M36 hexagon head bolts with partial thread, product grades A and B.
Thread Series	ISO metric coarse pitch
Diameter Range (d)	M1.6 - M36
Configured Nominal Length Series (L)	6, 8, 10, 12, 16, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 180, 200, 220, 240, 260, 280, 300 mm

4. DIMENSIONAL DATA (MM)

DIAMETER / LENGTH / PITCH / HEAD / THREAD

DIAMETER (D)	P · THREAD PITCH (MM)	S · WIDTH ACROSS FLATS (MAX) (MM)	E · WIDTH ACROSS CORNERS (MIN) (MM)	K · NOMINAL HEAD HEIGHT (MM)	THREAD LENGTH B (L≥25 MM)	THREAD LENGTH B (125<L≤100 MM)	THREAD LENGTH B (L>200 MM)
M1.6	0.35	3.2	3.41	1.1	9	15	28
M2	0.4	4	4.32	1.4	10	16	29
M2.5	0.45	5	5.45	1.7	11	17	30
M3	0.5	5.5	6.01	2	12	18	31
M3.5	0.6	6	6.58	2.4	13	19	32
M4	0.7	7	7.66	2.8	14	20	33



Tel: +86 151 7505 1215 Xiaoyoucun Industrial Zone, Yonghehui Town, Yongnian District, Handan, Hebei Province

BOLT / SCREW TECHNICAL DATA SHEET

5. SURFACE TREATMENT

6. STANDARD / DECLARED REQUIREMENTS

Black Oxide

7. APPLICABLE STANDARDS

VERIFICATION BOUNDARY

APPROVED BY

zhangsan