

Hex Head Set Screw – Bright Zinc Plated

Fully Threaded Hex Bolt | DIN 933 | Grade 8.8 High Tensile | Bright Zinc Plated | M6 – M16

Direct Channel Hex Head Set Screws are fully-threaded hexagon-head bolts manufactured to DIN 933 from Grade 8.8 high tensile steel. The full thread runs the entire length under the head, giving maximum grip adjustment and a secure, cost-effective fixing for threaded-rod fastening, pipe mounting, channel systems and brackets.

Finished in Bright Zinc Plated (BZP) for corrosion resistance in internal and moderate-exposure environments. Driven with a standard A/F spanner or socket, they suit HVAC, plumbing, mechanical frameworks and electrical conduit systems. Supplied in boxes of 100. Also available in HDG and A4 stainless finishes, and as bolt / nut / washer kits.

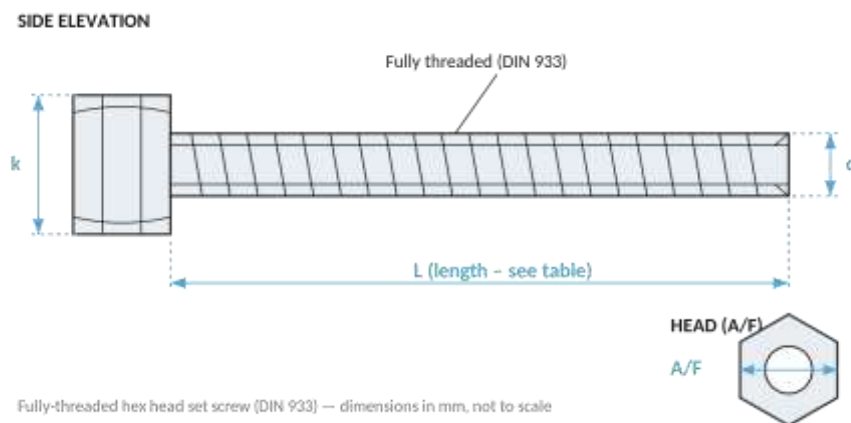
SPECIFICATION

Product Type	Hex head set screw (fully threaded bolt)
Standard	DIN 933
Material	Grade 8.8 high tensile steel
Finish	Bright Zinc Plated (BZP)
Thread	Metric coarse, M6 – M16
Thread Coverage	Fully threaded
Head	Hexagon head, A/F spanner / socket drive
A/F (across flats)	10 (M6) / 13 (M8) / 17 (M10) / 19 (M12) / 24 (M16) mm
Thread Pitch	1.0 / 1.25 / 1.5 / 1.75 / 2.0 mm (M6–M16)
Lengths	16 – 100 mm (by thread – see Available Sizes)
Applications	Threaded rod, pipe mounting, channel & bracketry; HVAC, plumbing, M&E
Pack	Box of 100 (M16 sold singly)

KEY FEATURES

• Fully threaded to DIN 933	• Standard A/F hex drive
• Grade 8.8 high tensile steel	• Metric coarse thread M6 to M16
• Bright Zinc Plated (BZP) finish	• For threaded rod, pipe & channel fixing
• Full-length thread — maximum grip adjustment	• Boxed in 100s

TECHNICAL DRAWING



Fully-threaded hex head set screw (DIN 933) — dimensions in mm, not to scale

AVAILABLE SIZES

Thread	A/F (mm)	Pitch (mm)	Length (mm)	Pack	Code
M6	10	1.0	16	100	HB616B
M6	10	1.0	20	100	HB620B
M6	10	1.0	25	100	HB625B
M6	10	1.0	30	100	HB630B
M6	10	1.0	35	100	HB635B
M6	10	1.0	40	100	HB640B
M6	10	1.0	50	100	HB650B
M8	13	1.25	16	100	HB816B
M8	13	1.25	20	100	HB820B
M8	13	1.25	25	100	HB825B
M8	13	1.25	30	100	HB830B
M8	13	1.25	35	100	HB835B
M8	13	1.25	40	100	HB840B
M8	13	1.25	50	100	HB850B
M10	17	1.5	16	100	HB1016B
M10	17	1.5	20	100	HB1020B
M10	17	1.5	25	100	HB1025B
M10	17	1.5	30	100	HB1030B
M10	17	1.5	35	100	HB1035B
M10	17	1.5	40	100	HB1040B
M10	17	1.5	50	100	HB1050B
M10	17	1.5	80	100	HB1080B
M10	17	1.5	100	100	HB10100B
M12	19	1.75	20	100	HB1220B
M12	19	1.75	25	100	HB1225B
M12	19	1.75	30	100	HB1230B
M12	19	1.75	35	100	HB1235B
M12	19	1.75	40	100	HB1240B
M12	19	1.75	50	100	HB1250B
M16	24	2.0	35	1	HB1635B.Q1
M16	24	2.0	50	1	HB1650B.Q1

All screws fully threaded to DIN 933, Grade 8.8, Bright Zinc Plated. A/F (across flats) and pitch by thread: M6 10 mm / 1.0 mm, M8 13 mm / 1.25 mm, M10 17 mm / 1.5 mm, M12 19 mm / 1.75 mm, M16 24 mm / 2.0 mm. Supplied in boxes of 100; M16 ('.Q1') sold singly. Also available Hot Dip Galvanised (HDG — over-tapped) and A4 stainless, and as bolt / nut / washer kits (KIT-HB / SET-HB).

TYPICAL APPLICATIONS

Threaded rod fastening	Pipe & rod mounting
Strut & channel framework fixings	HVAC & plumbing systems
Electrical conduit systems	General mechanical & M&E fixing

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