the
Heavy Duty Bolt

BLINDBOLT®

Full technical details and distributor information can be found on our website www.blindbolt.co.uk

MAY 2026

All dimensions are stated in millimetres unless noted otherwise

Heavy Duty Bolt Product Specification – Zinc Flake 1000Hr SSP

Product Code	Bolt Size	Hole Diameter	Clamping Range Min	Clamping Range Max	Depth Clearance
HD0845ZF	M8 x 45	8	7	25	10
HD1045ZF	M10 x 45	10	7	25	12
HD1060ZF	M10 x 60	10	7	40	12
HD1245ZF	M12 x 45	12	8	22	15
HD1260ZF	M12 x 60	12	8	34	15
HD1275ZF	M12 x 75	12	8	48	15
HD1660ZF	M16 x 60	16	12	30	25
HD1675ZF	M16 x 75	16	12	45	25
HD2070ZF	M20 x 70	20	15	32	30
HD2085ZF	M20 x 85	20	15	47	30

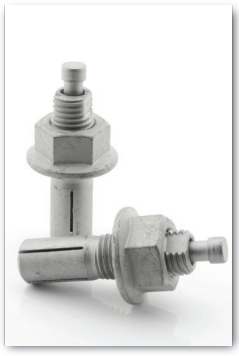
Heavy Duty Bolt Product Specification – Hot dip galvanised to ISO 10684

Product Code	Bolt Size	Hole Diameter	Clamping Range Min	Clamping Range Max	Depth Clearance
HD1245HDG	M12 x 45	12	8	22	15
HD1260HDG	M12 x 60	12	8	34	15
HD1275HDG	M12 x 75	12	8	48	15
HD1660HDG	M16 x 60	16	12	30	25
HD1675HDG	M16 x 75	16	12	45	25
HD2070HDG	M20 x 70	20	15	32	30
HD2085HDG	M20 x 85	20	15	47	30

Design Resistances for HD Type Blind Bolts. Design to BS EN 1993-1-8

Bolt Size	Tensile (kN)	Shear (kN)	Recommended Pre-load Tightening Torque (Nm)
M8	13.6	13.6	20
M10	31.7	21.9	35
M12	46.6	32.2	45
M16	69.6	60.8	95
M20	88.2	95.5	120

The Above Resistances are equally appropriate for designs to BS 5950. Designers are reminded that the strength and deformation of the support must be checked in thin plate as this may be critical.



Heavy Duty Bolt Installation Video

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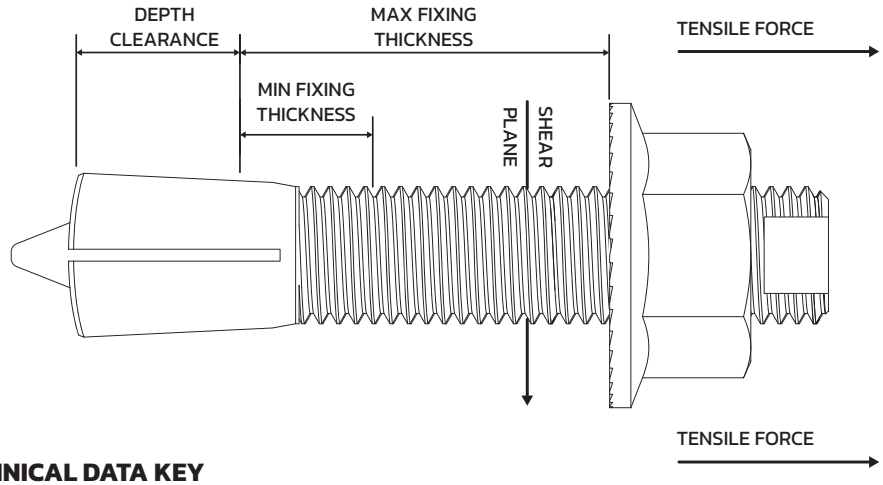
Heavy Duty Product Specification A4-70 STAINLESS STEEL

Product Code	Bolt Size	Hole Diameter	Clamping Range Min	Clamping Range Max	Depth Clearance
HD0845SS	M8 x 45	8	7	25	10
HD1045SS	M10 x 45	10	7	25	12
HD1060SS	M10 x 60	10	7	40	12
HD1245SS	M12 x 45	12	8	22	15
HD1260SS	M12 x 60	12	8	37	15
HD1275SS	M12 x 75	12	8	48	15
HD1660SS	M16 x 60	16	12	30	25
HD2070SS	M20 x 70	20	15	32	30



TECHNICAL DATA KEY

Design Resistances for HD Type Blind Bolts Design to BS EN 1993-1-8 A4-70 STAINLESS STEEL

Bolt Size	Tensile (kN)	Shear (kN)	Recommended Pre-load Tightening Torque (Nm)
M8	10.5	11.5	18
M10	20.2	18.4	24
M12	31.4	27.1	30
M16	40.1	51.1	45
M20	68.7	80.2	80

The Above Resistances are equally appropriate for designs to BS 5950.

Designers are reminded that the strength and deformation of the support must be checked in thin plate as this may be critical.

Heavy Duty Bolt Installation Video

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