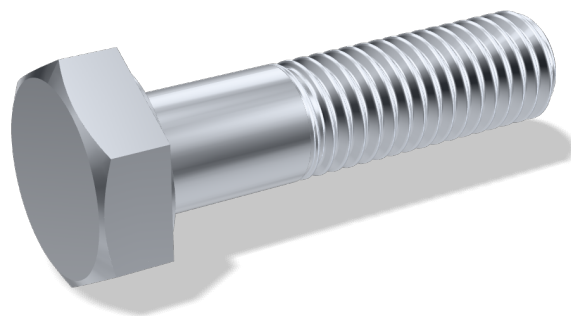


Hex Head Bolt DIN 931 / ISO 4014 - Steel 8.8, Zinc plated thick-film

Hex Head Bolt to DIN 931 / ISO 4014, in the sizes, grades and finishes listed.



TECHNICAL DATA

General

Standard	ISO 4014
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Dimensions

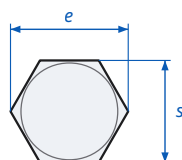
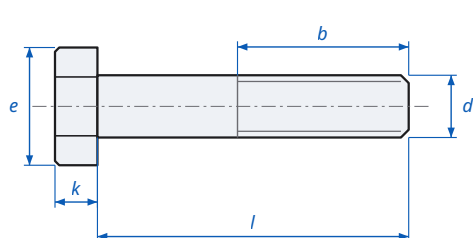
Thread form	Metric ISO thread
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Materials & Finish

Head type	Hexagon
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Drive type	External hexagon
Property class / grade	8.8
Material	Steel
Surface finish	Zinc plated thick-film

DIMENSIONS



d	Thread diameter
l	Length
b	Thread length
k	Head height
s	Width across flats (WAF)
e	Width across corners

Hex Head Bolt DIN 931 / ISO 4014 - dimensions

AVAILABLE PART NUMBERS

Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH04G8T10040	M10	40 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	35 g
FBH04G8T10045	M10	45 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	38 g
FBH04G8T10050	M10	50 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	41.1 g
FBH04G8T10055	M10	55 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	43.8 g
FBH04G8T10060	M10	60 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	46.9 g
FBH04G8T10065	M10	65 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	50 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH04G8T10070	M10	70 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	53.1 g
FBH04G8T10075	M10	75 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	56.2 g
FBH04G8T10080	M10	80 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	59.3 g
FBH04G8T10085	M10	85 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	62.4 g
FBH04G8T10090	M10	90 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	65.5 g
FBH04G8T10095	M10	95 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	68.6 g
FBH04G8T10100	M10	100 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	71.7 g
FBH04G8T10110	M10	110 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	77.9 g
FBH04G8T10120	M10	120 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	84.1 g
FBH04G8T10130	M10	130 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	32 mm	90.3 g
FBH04G8T10140	M10	140 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	32 mm	96.5 g
FBH04G8T10150	M10	150 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	32 mm	102.7 g
FBH04G8T10160	M10	160 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	32 mm	108.9 g
FBH04G8T10170	M10	170 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	32 mm	115.1 g
FBH04G8T10200	M10	200 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	32 mm	133.7 g
FBH04G8T12045	M12	45 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	53.6 g
FBH04G8T12050	M12	50 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	58.1 g
FBH04G8T12055	M12	55 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	62.6 g
FBH04G8T12060	M12	60 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	67 g
FBH04G8T12065	M12	65 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	70.3 g
FBH04G8T12070	M12	70 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	74.7 g
FBH04G8T12075	M12	75 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	79.1 g
FBH04G8T12080	M12	80 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	83.6 g
FBH04G8T12085	M12	85 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	88.1 g
FBH04G8T12090	M12	90 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	92.4 g
FBH04G8T12095	M12	95 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	96.8 g
FBH04G8T12100	M12	100 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	101 g
FBH04G8T12110	M12	110 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	109 g
FBH04G8T12120	M12	120 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	118 g
FBH04G8T12130	M12	130 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	36 mm	127 g
FBH04G8T12135	M12	135 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	36 mm	131.5 g
FBH04G8T12140	M12	140 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	36 mm	136 g
FBH04G8T12150	M12	150 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	36 mm	145 g
FBH04G8T12160	M12	160 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	36 mm	154 g
FBH04G8T12170	M12	170 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	36 mm	163 g
FBH04G8T12180	M12	180 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	36 mm	172 g
FBH04G8T12200	M12	200 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	36 mm	190 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH04G8T14050	M14	50 mm	2 mm	21 mm	23.36 mm	8.8 mm	34 mm	82 g
FBH04G8T14055	M14	55 mm	2 mm	21 mm	23.36 mm	8.8 mm	34 mm	88.1 g
FBH04G8T14060	M14	60 mm	2 mm	21 mm	23.36 mm	8.8 mm	34 mm	94.1 g
FBH04G8T14070	M14	70 mm	2 mm	21 mm	23.36 mm	8.8 mm	34 mm	105 g
FBH04G8T14075	M14	75 mm	2 mm	21 mm	23.36 mm	8.8 mm	34 mm	111 g
FBH04G8T14080	M14	80 mm	2 mm	21 mm	23.36 mm	8.8 mm	34 mm	117 g
FBH04G8T14085	M14	85 mm	2 mm	21 mm	23.36 mm	8.8 mm	34 mm	123 g
FBH04G8T14090	M14	90 mm	2 mm	21 mm	23.36 mm	8.8 mm	34 mm	127 g
FBH04G8T14100	M14	100 mm	2 mm	21 mm	23.36 mm	8.8 mm	34 mm	139 g
FBH04G8T14110	M14	110 mm	2 mm	21 mm	23.36 mm	8.8 mm	34 mm	151 g
FBH04G8T14120	M14	120 mm	2 mm	21 mm	23.36 mm	8.8 mm	34 mm	164 g
FBH04G8T14130	M14	130 mm	2 mm	21 mm	23.36 mm	8.8 mm	40 mm	174 g
FBH04G8T14140	M14	140 mm	2 mm	21 mm	23.36 mm	8.8 mm	40 mm	185 g
FBH04G8T14150	M14	150 mm	2 mm	21 mm	23.36 mm	8.8 mm	40 mm	196 g
FBH04G8T14160	M14	160 mm	2 mm	21 mm	23.36 mm	8.8 mm	40 mm	207 g
FBH04G8T14220	M14	220 mm	2 mm	21 mm	23.36 mm	8.8 mm	53 mm	273 g

Part numbers: 59

STANDARDS & CERTIFICATES

Standards

DIN 931 – Hex Head Bolt

ISO 4014 – Hex Head Bolt

