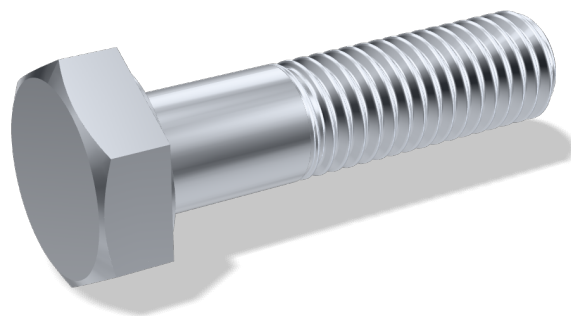


Hex Head Bolt DIN 931 / ISO 4014 - Steel 8.8, Zinc plated

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

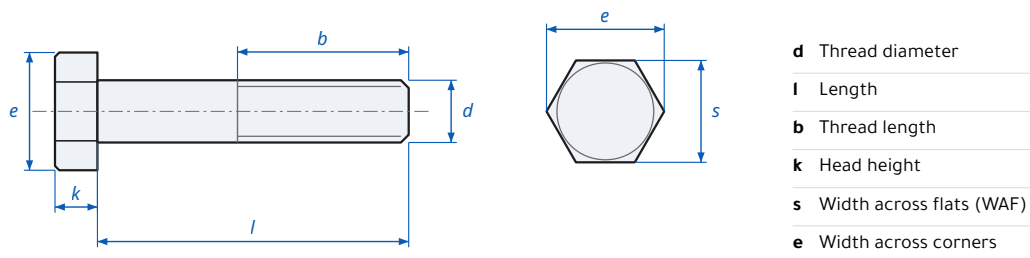
Thread form	Metric ISO thread
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Materials & Finish

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

DIMENSIONS



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
FBH04G8Z10040	M10	40 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	35 g
FBH04G8Z10045	M10	45 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	38 g
FBH04G8Z10050	M10	50 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	41.1 g
FBH04G8Z10055	M10	55 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	43.8 g
FBH04G8Z10060	M10	60 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	46.9 g
FBH04G8Z10065	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
FBH04G8Z10070	M10	70 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	53.1 g
FBH04G8Z10075	M10	75 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	56.2 g
FBH04G8Z10080	M10	80 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	59.3 g
FBH04G8Z10085	M10	85 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	62.4 g
FBH04G8Z10090	M10	90 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	65.5 g
FBH04G8Z10095	M10	95 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	68.6 g
FBH04G8Z10100	M10	100 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	71.7 g
FBH04G8Z10105	M10	105 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	74.8 g
FBH04G8Z10110	M10	110 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	77.9 g
FBH04G8Z10115	M10	115 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	81 g
FBH04G8Z10120	M10	120 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	84.1 g
FBH04G8Z10130	M10	130 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	32 mm	90.3 g
FBH04G8Z10140	M10	140 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	32 mm	96.5 g
FBH04G8Z10150	M10	150 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	32 mm	102.7 g
FBH04G8Z10160	M10	160 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	32 mm	108.9 g
FBH04G8Z10170	M10	170 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	32 mm	115.1 g
FBH04G8Z10180	M10	180 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	32 mm	121.3 g
FBH04G8Z10190	M10	190 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	32 mm	127.5 g
FBH04G8Z10200	M10	200 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	32 mm	133.7 g
FBH04G8Z10210	M10	210 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	45 mm	139.9 g
FBH04G8Z10220	M10	220 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	45 mm	146.1 g
FBH04G8Z10230	M10	230 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	45 mm	152.3 g
FBH04G8Z10240	M10	240 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	45 mm	158.5 g
FBH04G8Z10250	M10	250 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	45 mm	164.7 g
FBH04G8Z10260	M10	260 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	45 mm	170.9 g
FBH04G8Z10270	M10	270 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	45 mm	177.1 g
FBH04G8Z10280	M10	280 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	45 mm	183.3 g
FBH04G8Z10300	M10	300 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	45 mm	195.7 g
FBH04G8Z12045	M12	45 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	53.6 g
FBH04G8Z12050	M12	50 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	58.1 g
FBH04G8Z12055	M12	55 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	62.6 g
FBH04G8Z12060	M12	60 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	67 g
FBH04G8Z12065	M12	65 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	70.3 g
FBH04G8Z12070	M12	70 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	74.7 g
FBH04G8Z12075	M12	75 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	79.1 g
FBH04G8Z12080	M12	80 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	83.6 g
FBH04G8Z12085	M12	85 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	88.1 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH04G8Z12090	M12	90 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	92.4 g
FBH04G8Z12095	M12	95 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	96.8 g
FBH04G8Z12100	M12	100 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	101 g
FBH04G8Z12110	M12	110 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	109 g
FBH04G8Z12115	M12	115 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	113.5 g
FBH04G8Z12120	M12	120 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	118 g
FBH04G8Z12130	M12	130 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	36 mm	127 g
FBH04G8Z12140	M12	140 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	36 mm	136 g
FBH04G8Z12150	M12	150 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	36 mm	145 g
FBH04G8Z12160	M12	160 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	36 mm	154 g
FBH04G8Z12170	M12	170 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	36 mm	163 g
FBH04G8Z12180	M12	180 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	36 mm	172 g
FBH04G8Z12190	M12	190 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	36 mm	181 g
FBH04G8Z12200	M12	200 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	36 mm	190 g
FBH04G8Z12210	M12	210 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	49 mm	199 g
FBH04G8Z12220	M12	220 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	49 mm	208 g
FBH04G8Z12230	M12	230 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	49 mm	217 g
FBH04G8Z12240	M12	240 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	49 mm	226 g
FBH04G8Z12250	M12	250 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	49 mm	235 g
FBH04G8Z12260	M12	260 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	49 mm	244 g
FBH04G8Z12270	M12	270 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	49 mm	253 g
FBH04G8Z12280	M12	280 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	49 mm	262 g
FBH04G8Z12290	M12	290 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	49 mm	271 g
FBH04G8Z12300	M12	300 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	49 mm	280 g
FBH04G8Z12310	M12	310 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	49 mm	289 g
FBH04G8Z12320	M12	320 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	49 mm	298 g
FBH04G8Z12330	M12	330 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	49 mm	307 g
FBH04G8Z14050	M14	50 mm	2 mm	21 mm	23.36 mm	8.8 mm	34 mm	82 g
FBH04G8Z14055	M14	55 mm	2 mm	21 mm	23.36 mm	8.8 mm	34 mm	88.1 g
FBH04G8Z14060	M14	60 mm	2 mm	21 mm	23.36 mm	8.8 mm	34 mm	94.1 g
FBH04G8Z14065	M14	65 mm	2 mm	21 mm	23.36 mm	8.8 mm	34 mm	98.8 g
FBH04G8Z14070	M14	70 mm	2 mm	21 mm	23.36 mm	8.8 mm	34 mm	105 g
FBH04G8Z14075	M14	75 mm	2 mm	21 mm	23.36 mm	8.8 mm	34 mm	111 g
FBH04G8Z14080	M14	80 mm	2 mm	21 mm	23.36 mm	8.8 mm	34 mm	117 g
FBH04G8Z14085	M14	85 mm	2 mm	21 mm	23.36 mm	8.8 mm	34 mm	123 g
FBH04G8Z14090	M14	90 mm	2 mm	21 mm	23.36 mm	8.8 mm	34 mm	127 g
FBH04G8Z14095	M14	95 mm	2 mm	21 mm	23.36 mm	8.8 mm	34 mm	133 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH04G8Z14100	M14	100 mm	2 mm	21 mm	23.36 mm	8.8 mm	34 mm	139 g
FBH04G8Z14110	M14	110 mm	2 mm	21 mm	23.36 mm	8.8 mm	34 mm	151 g
FBH04G8Z14120	M14	120 mm	2 mm	21 mm	23.36 mm	8.8 mm	34 mm	164 g
FBH04G8Z14130	M14	130 mm	2 mm	21 mm	23.36 mm	8.8 mm	40 mm	174 g
FBH04G8Z14140	M14	140 mm	2 mm	21 mm	23.36 mm	8.8 mm	40 mm	185 g
FBH04G8Z14150	M14	150 mm	2 mm	21 mm	23.36 mm	8.8 mm	40 mm	196 g
FBH04G8Z14160	M14	160 mm	2 mm	21 mm	23.36 mm	8.8 mm	40 mm	207 g
FBH04G8Z14170	M14	170 mm	2 mm	21 mm	23.36 mm	8.8 mm	40 mm	218 g
FBH04G8Z14180	M14	180 mm	2 mm	21 mm	23.36 mm	8.8 mm	40 mm	229 g
FBH04G8Z14190	M14	190 mm	2 mm	21 mm	23.36 mm	8.8 mm	40 mm	240 g
FBH04G8Z14200	M14	200 mm	2 mm	21 mm	23.36 mm	8.8 mm	40 mm	251 g
FBH04G8Z14220	M14	220 mm	2 mm	21 mm	23.36 mm	8.8 mm	53 mm	273 g
FBH04G8Z14240	M14	240 mm	2 mm	21 mm	23.36 mm	8.8 mm	53 mm	295 g
FBH04G8Z22070	M22	70 mm	2.5 mm	34 mm	37.72 mm	14 mm	50 mm	281 g
FBH04G8Z22075	M22	75 mm	2.5 mm	34 mm	37.72 mm	14 mm	50 mm	296 g
FBH04G8Z22080	M22	80 mm	2.5 mm	34 mm	37.72 mm	14 mm	50 mm	311 g
FBH04G8Z22090	M22	90 mm	2.5 mm	34 mm	37.72 mm	14 mm	50 mm	341 g
FBH04G8Z22100	M22	100 mm	2.5 mm	34 mm	37.72 mm	14 mm	50 mm	370 g
FBH04G8Z22110	M22	110 mm	2.5 mm	34 mm	37.72 mm	14 mm	50 mm	400 g
FBH04G8Z22120	M22	120 mm	2.5 mm	34 mm	37.72 mm	14 mm	50 mm	430 g
FBH04G8Z22130	M22	130 mm	2.5 mm	34 mm	37.72 mm	14 mm	56 mm	450 g
FBH04G8Z22140	M22	140 mm	2.5 mm	34 mm	37.72 mm	14 mm	56 mm	480 g
FBH04G8Z22150	M22	150 mm	2.5 mm	34 mm	37.72 mm	14 mm	56 mm	510 g
FBH04G8Z22160	M22	160 mm	2.5 mm	34 mm	37.72 mm	14 mm	56 mm	540 g
FBH04G8Z22180	M22	180 mm	2.5 mm	34 mm	37.72 mm	14 mm	56 mm	600 g
FBH04G8Z22200	M22	200 mm	2.5 mm	34 mm	37.72 mm	14 mm	56 mm	660 g
FBH04G8Z22240	M22	240 mm	2.5 mm	34 mm	37.72 mm	14 mm	69 mm	780 g
FBH04G8Z22260	M22	260 mm	2.5 mm	34 mm	37.72 mm	14 mm	69 mm	840 g
FBH04G8Z22280	M22	280 mm	2.5 mm	34 mm	37.72 mm	14 mm	69 mm	900 g
FBH04G8Z22300	M22	300 mm	2.5 mm	34 mm	37.72 mm	14 mm	69 mm	960 g

Part numbers: 110

STANDARDS & CERTIFICATES

Standards

DIN 931 – Hex Head Bolt

ISO 4014 – Hex Head Bolt

