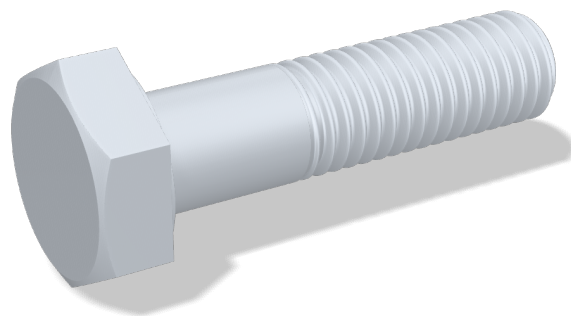


Hex Head Bolt DIN 931 / ISO 4014 - Steel 10.9, Zinc flake

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



TECHNICAL DATA

Dimensions

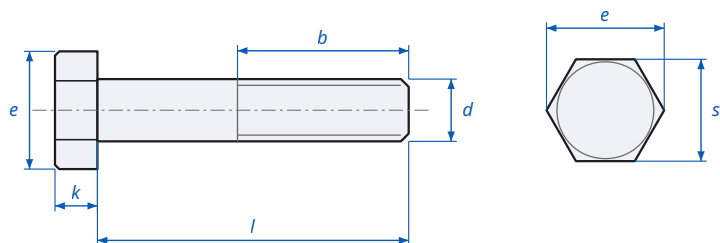
Thread form	Metric ISO thread
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Materials & Finish

Head type	Hexagon
Drive type	External hexagon

Property class / grade	10.9
Material	Steel
Surface finish	Zinc flake

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
FBH02G1F06030	M6	30 mm	1 mm	10 mm	11.05 mm	4 mm	18 mm	8.06 g
FBH02G1F06035	M6	35 mm	1 mm	10 mm	11.05 mm	4 mm	18 mm	9.13 g
FBH02G1F06040	M6	40 mm	1 mm	10 mm	11.05 mm	4 mm	18 mm	10.2 g
FBH02G1F06045	M6	45 mm	1 mm	10 mm	11.05 mm	4 mm	18 mm	11.3 g
FBH02G1F06050	M6	50 mm	1 mm	10 mm	11.05 mm	4 mm	18 mm	12.3 g
FBH02G1F06055	M6	55 mm	1 mm	10 mm	11.05 mm	4 mm	18 mm	13.4 g
FBH02G1F06060	M6	60 mm	1 mm	10 mm	11.05 mm	4 mm	18 mm	14.4 g
FBH02G1F06065	M6	65 mm	1 mm	10 mm	11.05 mm	4 mm	18 mm	15.4 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH02G1F06070	M6	70 mm	1 mm	10 mm	11.05 mm	4 mm	18 mm	16.4 g
FBH02G1F06080	M6	80 mm	1 mm	10 mm	11.05 mm	4 mm	18 mm	18.4 g
FBH02G1F08035	M8	35 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	22 mm	18.2 g
FBH02G1F08040	M8	40 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	22 mm	20.3 g
FBH02G1F08045	M8	45 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	22 mm	22.2 g
FBH02G1F08050	M8	50 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	22 mm	24.2 g
FBH02G1F08055	M8	55 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	22 mm	25.8 g
FBH02G1F08060	M8	60 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	22 mm	27.8 g
FBH02G1F08065	M8	65 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	22 mm	29.8 g
FBH02G1F08070	M8	70 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	22 mm	31.8 g
FBH02G1F08075	M8	75 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	22 mm	33.7 g
FBH02G1F08080	M8	80 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	22 mm	35.7 g
FBH02G1F08100	M8	100 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	22 mm	43.7 g
FBH04G1F10040	M10	40 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	35 g
FBH04G1F10045	M10	45 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	38 g
FBH04G1F10050	M10	50 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	41.1 g
FBH04G1F10055	M10	55 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	43.8 g
FBH04G1F10060	M10	60 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	46.9 g
FBH04G1F10065	M10	65 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	50 g
FBH04G1F10070	M10	70 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	53.1 g
FBH04G1F10075	M10	75 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	56.2 g
FBH04G1F10080	M10	80 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	59.3 g
FBH04G1F10090	M10	90 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	65.5 g
FBH04G1F10100	M10	100 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	71.7 g
FBH04G1F10110	M10	110 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	77.9 g
FBH04G1F10120	M10	120 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	84.1 g
FBH04G1F12045	M12	45 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	53.6 g
FBH04G1F12050	M12	50 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	58.1 g
FBH04G1F12055	M12	55 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	62.6 g
FBH04G1F12060	M12	60 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	67 g
FBH04G1F12065	M12	65 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	70.3 g
FBH04G1F12070	M12	70 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	74.7 g
FBH04G1F12075	M12	75 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	79.1 g
FBH04G1F12080	M12	80 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	83.6 g
FBH04G1F12090	M12	90 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	92.4 g
FBH04G1F12100	M12	100 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	101 g
FBH04G1F12110	M12	110 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	109 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH04G1F12120	M12	120 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	118 g
FBH02G1F16055	M16	55 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	115 g
FBH02G1F16060	M16	60 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	123 g
FBH02G1F16065	M16	65 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	131 g
FBH02G1F16070	M16	70 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	139 g
FBH02G1F16075	M16	75 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	147 g
FBH02G1F16080	M16	80 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	155 g
FBH02G1F16090	M16	90 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	171 g
FBH02G1F16100	M16	100 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	186 g
FBH02G1F16110	M16	110 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	202 g
FBH02G1F16120	M16	120 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	218 g
FBH02G1F16130	M16	130 mm	2 mm	24 mm	26.75 mm	10 mm	44 mm	230 g
FBH02G1F16140	M16	140 mm	2 mm	24 mm	26.75 mm	10 mm	44 mm	246 g
FBH02G1F20065	M20	65 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	219 g
FBH02G1F20070	M20	70 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	231 g
FBH02G1F20075	M20	75 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	243 g
FBH02G1F20080	M20	80 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	255 g
FBH02G1F20090	M20	90 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	279 g
FBH02G1F20100	M20	100 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	303 g
FBH02G1F20110	M20	110 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	327 g
FBH02G1F20120	M20	120 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	351 g
FBH02G1F20130	M20	130 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	374 g
FBH02G1F20140	M20	140 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	398 g
FBH02G1F20150	M20	150 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	422 g
FBH02G1F20160	M20	160 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	446 g
FBH02G1F20170	M20	170 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	470 g
FBH02G1F20180	M20	180 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	494 g
FBH02G1F24075	M24	75 mm	3 mm	36 mm	39.98 mm	15 mm	54 mm	374 g
FBH02G1F24080	M24	80 mm	3 mm	36 mm	39.98 mm	15 mm	54 mm	392 g
FBH02G1F24090	M24	90 mm	3 mm	36 mm	39.98 mm	15 mm	54 mm	428 g
FBH02G1F24100	M24	100 mm	3 mm	36 mm	39.98 mm	15 mm	54 mm	464 g
FBH02G1F24110	M24	110 mm	3 mm	36 mm	39.98 mm	15 mm	54 mm	500 g
FBH02G1F24120	M24	120 mm	3 mm	36 mm	39.98 mm	15 mm	54 mm	535 g
FBH02G1F24130	M24	130 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	560 g
FBH02G1F24140	M24	140 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	595 g
FBH02G1F24150	M24	150 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	630 g
FBH02G1F24160	M24	160 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	665 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH02G1F24170	M24	170 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	700 g
FBH02G1F24180	M24	180 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	735 g
FBH02G1F24200	M24	200 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	805 g
FBH02G1F24230	M24	230 mm	3 mm	36 mm	39.98 mm	15 mm	73 mm	902.5 g

Part numbers: 86

STANDARDS & CERTIFICATES

Standards

DIN 931 – Hex Head Bolt

ISO 4014 – Hex Head Bolt

