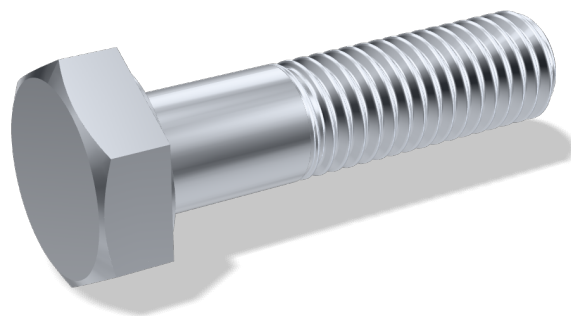


Hex Head Bolt DIN 931 / ISO 4014 - Steel 5.6 (AD W7), Zinc plated

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



TECHNICAL DATA

Dimensions

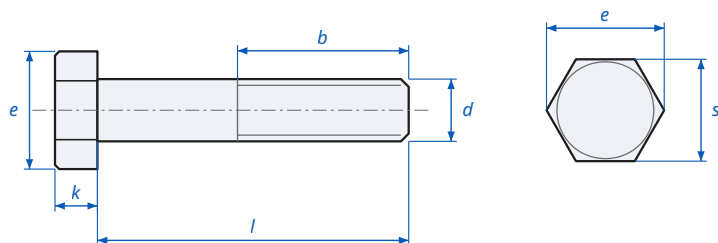
Thread form	Metric ISO thread
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Materials & Finish

Head type	Hexagon
Drive type	External hexagon

Property class / grade	5.6 (AD W7)
Material	Steel
Surface finish	Zinc plated

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
FBH04W5Z10045	M10	45 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	38 g
FBH04W5Z10050	M10	50 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	41.1 g
FBH04W5Z10055	M10	55 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	43.8 g
FBH04W5Z10060	M10	60 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	46.9 g
FBH04W5Z10065	M10	65 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	50 g
FBH04W5Z10070	M10	70 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	53.1 g
FBH04W5Z10080	M10	80 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	59.3 g
FBH04W5Z10090	M10	90 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	65.5 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH04W5Z10100	M10	100 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	71.7 g
FBH04W5Z10110	M10	110 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	77.9 g
FBH04W5Z12050	M12	50 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	58.1 g
FBH04W5Z12055	M12	55 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	62.6 g
FBH04W5Z12060	M12	60 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	67 g
FBH04W5Z12065	M12	65 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	70.3 g
FBH04W5Z12070	M12	70 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	74.7 g
FBH04W5Z12075	M12	75 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	79.1 g
FBH04W5Z12080	M12	80 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	83.6 g
FBH04W5Z12085	M12	85 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	88.1 g
FBH04W5Z12090	M12	90 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	92.4 g
FBH04W5Z12100	M12	100 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	101 g
FBH04W5Z12110	M12	110 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	109 g
FBH04W5Z12120	M12	120 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	118 g
FBH04W5Z12130	M12	130 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	36 mm	127 g
FBH04W5Z12140	M12	140 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	36 mm	136 g
FBH04W5Z12150	M12	150 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	36 mm	145 g
FBH04W5Z12160	M12	160 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	36 mm	154 g
FBH02W5Z16065	M16	65 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	131 g
FBH02W5Z16070	M16	70 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	139 g
FBH02W5Z16075	M16	75 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	147 g
FBH02W5Z16080	M16	80 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	155 g
FBH02W5Z16085	M16	85 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	163 g
FBH02W5Z16090	M16	90 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	171 g
FBH02W5Z16095	M16	95 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	179 g
FBH02W5Z16100	M16	100 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	186 g
FBH02W5Z16110	M16	110 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	202 g
FBH02W5Z16120	M16	120 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	218 g
FBH02W5Z16130	M16	130 mm	2 mm	24 mm	26.75 mm	10 mm	44 mm	230 g
FBH02W5Z16140	M16	140 mm	2 mm	24 mm	26.75 mm	10 mm	44 mm	246 g
FBH02W5Z16150	M16	150 mm	2 mm	24 mm	26.75 mm	10 mm	44 mm	262 g
FBH02W5Z16160	M16	160 mm	2 mm	24 mm	26.75 mm	10 mm	44 mm	278 g
FBH02W5Z16180	M16	180 mm	2 mm	24 mm	26.75 mm	10 mm	44 mm	310 g
FBH02W5Z20080	M20	80 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	255 g
FBH02W5Z20085	M20	85 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	267 g
FBH02W5Z20090	M20	90 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	279 g
FBH02W5Z20100	M20	100 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	303 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH02W5Z20110	M20	110 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	327 g
FBH02W5Z20120	M20	120 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	351 g
FBH02W5Z20130	M20	130 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	374 g
FBH02W5Z20140	M20	140 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	398 g
FBH02W5Z20150	M20	150 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	422 g
FBH02W5Z20160	M20	160 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	446 g
FBH02W5Z20170	M20	170 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	470 g
FBH02W5Z20180	M20	180 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	494 g
FBH02W5Z20190	M20	190 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	519 g
FBH02W5Z20200	M20	200 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	544 g
FBH02W5Z20220	M20	220 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	65 mm	594 g
FBH02W5Z20240	M20	240 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	65 mm	644 g
FBH02W5Z24090	M24	90 mm	3 mm	36 mm	39.98 mm	15 mm	54 mm	428 g
FBH02W5Z24100	M24	100 mm	3 mm	36 mm	39.98 mm	15 mm	54 mm	464 g
FBH02W5Z24110	M24	110 mm	3 mm	36 mm	39.98 mm	15 mm	54 mm	500 g
FBH02W5Z24120	M24	120 mm	3 mm	36 mm	39.98 mm	15 mm	54 mm	535 g
FBH02W5Z24130	M24	130 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	560 g
FBH02W5Z24140	M24	140 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	595 g
FBH02W5Z24150	M24	150 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	630 g
FBH02W5Z24160	M24	160 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	665 g
FBH02W5Z24170	M24	170 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	700 g
FBH02W5Z24180	M24	180 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	735 g
FBH02W5Z24190	M24	190 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	770 g
FBH02W5Z24200	M24	200 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	805 g
FBH02W5Z24220	M24	220 mm	3 mm	36 mm	39.98 mm	15 mm	73 mm	870 g
FBH02W5Z24240	M24	240 mm	3 mm	36 mm	39.98 mm	15 mm	73 mm	935 g
FBH02W5Z27100	M27	100 mm	3 mm	41 mm	45.2 mm	17 mm	60 mm	606.18 g
FBH02W5Z27110	M27	110 mm	3 mm	41 mm	45.2 mm	17 mm	60 mm	651.13 g
FBH02W5Z27120	M27	120 mm	3 mm	41 mm	45.2 mm	17 mm	60 mm	696.08 g
FBH02W5Z27130	M27	130 mm	3 mm	41 mm	45.2 mm	17 mm	66 mm	741.02 g
FBH02W5Z27140	M27	140 mm	3 mm	41 mm	45.2 mm	17 mm	66 mm	785.97 g
FBH02W5Z27150	M27	150 mm	3 mm	41 mm	45.2 mm	17 mm	66 mm	830.91 g
FBH02W5Z27160	M27	160 mm	3 mm	41 mm	45.2 mm	17 mm	66 mm	875.86 g
FBH02W5Z27170	M27	170 mm	3 mm	41 mm	45.2 mm	17 mm	66 mm	920.8 g
FBH02W5Z27180	M27	180 mm	3 mm	41 mm	45.2 mm	17 mm	66 mm	965.75 g
FBH02W5Z27190	M27	190 mm	3 mm	41 mm	45.2 mm	17 mm	66 mm	1010.69 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH02W5Z27200	M27	200 mm	3 mm	41 mm	45.2 mm	17 mm	66 mm	1055.64 g
FBH02W5Z27220	M27	220 mm	3 mm	41 mm	45.2 mm	17 mm	79 mm	1145.53 g
FBH02W5Z27230	M27	230 mm	3 mm	41 mm	45.2 mm	17 mm	79 mm	1190.48 g
FBH02W5Z27240	M27	240 mm	3 mm	41 mm	45.2 mm	17 mm	79 mm	1235.42 g
FBH02W5Z27260	M27	260 mm	3 mm	41 mm	45.2 mm	17 mm	79 mm	1325.31 g
FBH02W5Z30110	M30	110 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	66 mm	823 g
FBH02W5Z30120	M30	120 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	66 mm	880 g
FBH02W5Z30130	M30	130 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	72 mm	920 g
FBH02W5Z30140	M30	140 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	72 mm	975 g
FBH02W5Z30150	M30	150 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	72 mm	1030 g
FBH02W5Z30160	M30	160 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	72 mm	1085 g
FBH02W5Z30180	M30	180 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	72 mm	1200 g
FBH02W5Z30190	M30	190 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	72 mm	1250 g
FBH02W5Z30200	M30	200 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	72 mm	1310 g
FBH02W5Z30210	M30	210 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	85 mm	1365 g
FBH02W5Z30220	M30	220 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	85 mm	1420 g
FBH02W5Z30230	M30	230 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	85 mm	1475 g
FBH02W5Z30240	M30	240 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	85 mm	1530 g
FBH02W5Z30250	M30	250 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	85 mm	1585 g
FBH02W5Z30260	M30	260 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	85 mm	1640 g
FBH02W5Z33130	M33	130 mm	3.5 mm	50 mm	55.37 mm	21 mm	78 mm	1165.39 g
FBH02W5Z33140	M33	140 mm	3.5 mm	50 mm	55.37 mm	21 mm	78 mm	1232.53 g
FBH02W5Z33150	M33	150 mm	3.5 mm	50 mm	55.37 mm	21 mm	78 mm	1299.67 g
FBH02W5Z33160	M33	160 mm	3.5 mm	50 mm	55.37 mm	21 mm	78 mm	1366.81 g
FBH02W5Z33170	M33	170 mm	3.5 mm	50 mm	55.37 mm	21 mm	78 mm	1433.95 g
FBH02W5Z33180	M33	180 mm	3.5 mm	50 mm	55.37 mm	21 mm	78 mm	1501.09 g
FBH02W5Z33190	M33	190 mm	3.5 mm	50 mm	55.37 mm	21 mm	78 mm	1568.23 g
FBH02W5Z36120	M36	120 mm	4 mm	55 mm	60.79 mm	22.5 mm	78 mm	1320 g
FBH02W5Z36130	M36	130 mm	4 mm	55 mm	60.79 mm	22.5 mm	84 mm	1390 g
FBH02W5Z36140	M36	140 mm	4 mm	55 mm	60.79 mm	22.5 mm	84 mm	1470 g
FBH02W5Z36150	M36	150 mm	4 mm	55 mm	60.79 mm	22.5 mm	84 mm	1550 g
FBH02W5Z36160	M36	160 mm	4 mm	55 mm	60.79 mm	22.5 mm	84 mm	1630 g
FBH02W5Z36165	M36	165 mm	4 mm	55 mm	60.79 mm	22.5 mm	84 mm	1670 g
FBH02W5Z36170	M36	170 mm	4 mm	55 mm	60.79 mm	22.5 mm	84 mm	1710 g
FBH02W5Z36180	M36	180 mm	4 mm	55 mm	60.79 mm	22.5 mm	84 mm	1790 g
FBH02W5Z36200	M36	200 mm	4 mm	55 mm	60.79 mm	22.5 mm	84 mm	1950 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH02W5Z36220	M36	220 mm	4 mm	55 mm	60.79 mm	22.5 mm	97 mm	2110 g

Part numbers: 118

STANDARDS & CERTIFICATES

Standards

DIN 931 – Hex Head Bolt

ISO 4014 – Hex Head Bolt

