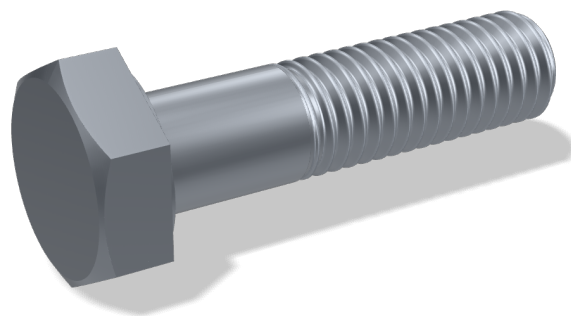


Hex Head Bolt DIN 931 / ISO 4014 - Steel 5.6 (AD W7), Plain

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



TECHNICAL DATA

Dimensions

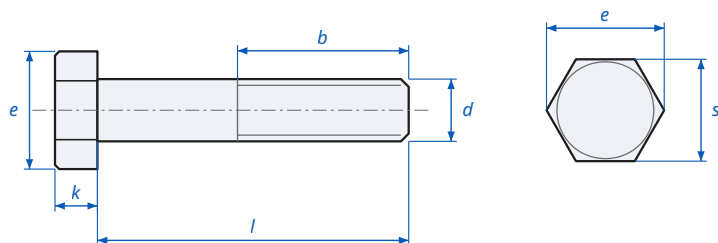
Thread form	Metric ISO thread
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Materials & Finish

Head type	Hexagon
Drive type	External hexagon

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

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
FBH02W5P06030	M6	30 mm	1 mm	10 mm	11.05 mm	4 mm	18 mm	8.06 g
FBH02W5P06035	M6	35 mm	1 mm	10 mm	11.05 mm	4 mm	18 mm	9.13 g
FBH02W5P06040	M6	40 mm	1 mm	10 mm	11.05 mm	4 mm	18 mm	10.2 g
FBH02W5P06045	M6	45 mm	1 mm	10 mm	11.05 mm	4 mm	18 mm	11.3 g
FBH02W5P06050	M6	50 mm	1 mm	10 mm	11.05 mm	4 mm	18 mm	12.3 g
FBH02W5P06055	M6	55 mm	1 mm	10 mm	11.05 mm	4 mm	18 mm	13.4 g
FBH02W5P06060	M6	60 mm	1 mm	10 mm	11.05 mm	4 mm	18 mm	14.4 g
FBH02W5P06070	M6	70 mm	1 mm	10 mm	11.05 mm	4 mm	18 mm	16.4 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH02W5P08035	M8	35 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	22 mm	18.2 g
FBH02W5P08040	M8	40 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	22 mm	20.3 g
FBH02W5P08045	M8	45 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	22 mm	22.2 g
FBH02W5P08050	M8	50 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	22 mm	24.2 g
FBH02W5P08055	M8	55 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	22 mm	25.8 g
FBH02W5P08060	M8	60 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	22 mm	27.8 g
FBH02W5P08080	M8	80 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	22 mm	35.7 g
FBH02W5P08090	M8	90 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	22 mm	39.7 g
FBH02W5P08100	M8	100 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	22 mm	43.7 g
FBH04W5P10045	M10	45 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	38 g
FBH04W5P10050	M10	50 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	41.1 g
FBH04W5P10055	M10	55 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	43.8 g
FBH04W5P10060	M10	60 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	46.9 g
FBH04W5P10065	M10	65 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	50 g
FBH04W5P10070	M10	70 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	53.1 g
FBH04W5P10080	M10	80 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	59.3 g
FBH04W5P10090	M10	90 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	65.5 g
FBH04W5P10100	M10	100 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	71.7 g
FBH04W5P10110	M10	110 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26 mm	77.9 g
FBH04W5P12050	M12	50 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	58.1 g
FBH04W5P12055	M12	55 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	62.6 g
FBH04W5P12060	M12	60 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	67 g
FBH04W5P12065	M12	65 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	70.3 g
FBH04W5P12070	M12	70 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	74.7 g
FBH04W5P12075	M12	75 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	79.1 g
FBH04W5P12080	M12	80 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	83.6 g
FBH04W5P12085	M12	85 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	88.1 g
FBH04W5P12090	M12	90 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	92.4 g
FBH04W5P12100	M12	100 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	101 g
FBH04W5P12110	M12	110 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	109 g
FBH04W5P12120	M12	120 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	118 g
FBH04W5P12130	M12	130 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	36 mm	127 g
FBH04W5P12140	M12	140 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	36 mm	136 g
FBH04W5P12150	M12	150 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	36 mm	145 g
FBH04W5P12160	M12	160 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	36 mm	154 g
FBH02W5P16065	M16	65 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	131 g
FBH02W5P16070	M16	70 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	139 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH02W5P16075	M16	75 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	147 g
FBH02W5P16080	M16	80 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	155 g
FBH02W5P16085	M16	85 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	163 g
FBH02W5P16090	M16	90 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	171 g
FBH02W5P16095	M16	95 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	179 g
FBH02W5P16100	M16	100 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	186 g
FBH02W5P16110	M16	110 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	202 g
FBH02W5P16120	M16	120 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	218 g
FBH02W5P16130	M16	130 mm	2 mm	24 mm	26.75 mm	10 mm	44 mm	230 g
FBH02W5P16140	M16	140 mm	2 mm	24 mm	26.75 mm	10 mm	44 mm	246 g
FBH02W5P16150	M16	150 mm	2 mm	24 mm	26.75 mm	10 mm	44 mm	262 g
FBH02W5P16160	M16	160 mm	2 mm	24 mm	26.75 mm	10 mm	44 mm	278 g
FBH02W5P16180	M16	180 mm	2 mm	24 mm	26.75 mm	10 mm	44 mm	310 g
FBH02W5P16200	M16	200 mm	2 mm	24 mm	26.75 mm	10 mm	44 mm	342 g
FBH02W5P20080	M20	80 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	255 g
FBH02W5P20085	M20	85 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	267 g
FBH02W5P20090	M20	90 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	279 g
FBH02W5P20095	M20	95 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	291 g
FBH02W5P20100	M20	100 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	303 g
FBH02W5P20110	M20	110 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	327 g
FBH02W5P20120	M20	120 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	351 g
FBH02W5P20130	M20	130 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	374 g
FBH02W5P20140	M20	140 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	398 g
FBH02W5P20150	M20	150 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	422 g
FBH02W5P20160	M20	160 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	446 g
FBH02W5P20170	M20	170 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	470 g
FBH02W5P20180	M20	180 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	494 g
FBH02W5P20190	M20	190 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	519 g
FBH02W5P20200	M20	200 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	544 g
FBH02W5P20210	M20	210 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	65 mm	569 g
FBH02W5P20220	M20	220 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	65 mm	594 g
FBH02W5P20240	M20	240 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	65 mm	644 g
FBH02W5P20250	M20	250 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	65 mm	669 g
FBH02W5P20260	M20	260 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	65 mm	694 g
FBH02W5P20280	M20	280 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	65 mm	744 g
FBH04W5P22100	M22	100 mm	2.5 mm	34 mm	37.72 mm	14 mm	50 mm	370 g
FBH02W5P24090	M24	90 mm	3 mm	36 mm	39.98 mm	15 mm	54 mm	428 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH02W5P24095	M24	95 mm	3 mm	36 mm	39.98 mm	15 mm	54 mm	446 g
FBH02W5P24100	M24	100 mm	3 mm	36 mm	39.98 mm	15 mm	54 mm	464 g
FBH02W5P24110	M24	110 mm	3 mm	36 mm	39.98 mm	15 mm	54 mm	500 g
FBH02W5P24120	M24	120 mm	3 mm	36 mm	39.98 mm	15 mm	54 mm	535 g
FBH02W5P24130	M24	130 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	560 g
FBH02W5P24140	M24	140 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	595 g
FBH02W5P24150	M24	150 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	630 g
FBH02W5P24160	M24	160 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	665 g
FBH02W5P24170	M24	170 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	700 g
FBH02W5P24180	M24	180 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	735 g
FBH02W5P24190	M24	190 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	770 g
FBH02W5P24200	M24	200 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	805 g
FBH02W5P24210	M24	210 mm	3 mm	36 mm	39.98 mm	15 mm	73 mm	837.5 g
FBH02W5P24220	M24	220 mm	3 mm	36 mm	39.98 mm	15 mm	73 mm	870 g
FBH02W5P24230	M24	230 mm	3 mm	36 mm	39.98 mm	15 mm	73 mm	902.5 g
FBH02W5P24240	M24	240 mm	3 mm	36 mm	39.98 mm	15 mm	73 mm	935 g
FBH02W5P24260	M24	260 mm	3 mm	36 mm	39.98 mm	15 mm	73 mm	1000 g
FBH02W5P24280	M24	280 mm	3 mm	36 mm	39.98 mm	15 mm	73 mm	1065 g
FBH02W5P24300	M24	300 mm	3 mm	36 mm	39.98 mm	15 mm	73 mm	1130 g
FBH02W5P27100	M27	100 mm	3 mm	41 mm	45.2 mm	17 mm	60 mm	606.18 g
FBH02W5P27110	M27	110 mm	3 mm	41 mm	45.2 mm	17 mm	60 mm	651.13 g
FBH02W5P27120	M27	120 mm	3 mm	41 mm	45.2 mm	17 mm	60 mm	696.08 g
FBH02W5P27130	M27	130 mm	3 mm	41 mm	45.2 mm	17 mm	66 mm	741.02 g
FBH02W5P27140	M27	140 mm	3 mm	41 mm	45.2 mm	17 mm	66 mm	785.97 g
FBH02W5P27150	M27	150 mm	3 mm	41 mm	45.2 mm	17 mm	66 mm	830.91 g
FBH02W5P27160	M27	160 mm	3 mm	41 mm	45.2 mm	17 mm	66 mm	875.86 g
FBH02W5P27170	M27	170 mm	3 mm	41 mm	45.2 mm	17 mm	66 mm	920.8 g
FBH02W5P27180	M27	180 mm	3 mm	41 mm	45.2 mm	17 mm	66 mm	965.75 g
FBH02W5P27190	M27	190 mm	3 mm	41 mm	45.2 mm	17 mm	66 mm	1010.69 g
FBH02W5P27200	M27	200 mm	3 mm	41 mm	45.2 mm	17 mm	66 mm	1055.64 g
FBH02W5P27220	M27	220 mm	3 mm	41 mm	45.2 mm	17 mm	79 mm	1145.53 g
FBH02W5P27230	M27	230 mm	3 mm	41 mm	45.2 mm	17 mm	79 mm	1190.48 g
FBH02W5P27240	M27	240 mm	3 mm	41 mm	45.2 mm	17 mm	79 mm	1235.42 g
FBH02W5P27260	M27	260 mm	3 mm	41 mm	45.2 mm	17 mm	79 mm	1325.31 g
FBH02W5P27280	M27	280 mm	3 mm	41 mm	45.2 mm	17 mm	79 mm	1415.21 g
FBH02W5P30110	M30	110 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	66 mm	823 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH02W5P30120	M30	120 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	66 mm	880 g
FBH02W5P30130	M30	130 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	72 mm	920 g
FBH02W5P30140	M30	140 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	72 mm	975 g
FBH02W5P30150	M30	150 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	72 mm	1030 g
FBH02W5P30160	M30	160 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	72 mm	1085 g
FBH02W5P30170	M30	170 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	72 mm	1140 g
FBH02W5P30180	M30	180 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	72 mm	1200 g
FBH02W5P30190	M30	190 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	72 mm	1250 g
FBH02W5P30200	M30	200 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	72 mm	1310 g
FBH02W5P30210	M30	210 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	85 mm	1365 g
FBH02W5P30220	M30	220 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	85 mm	1420 g
FBH02W5P30230	M30	230 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	85 mm	1475 g
FBH02W5P30240	M30	240 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	85 mm	1530 g
FBH02W5P30250	M30	250 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	85 mm	1585 g
FBH02W5P30260	M30	260 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	85 mm	1640 g
FBH02W5P30280	M30	280 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	85 mm	1750 g
FBH02W5P30300	M30	300 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	85 mm	1860 g
FBH02W5P30320	M30	320 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	85 mm	1970 g
FBH02W5P33130	M33	130 mm	3.5 mm	50 mm	55.37 mm	21 mm	78 mm	1165.39 g
FBH02W5P33140	M33	140 mm	3.5 mm	50 mm	55.37 mm	21 mm	78 mm	1232.53 g
FBH02W5P33150	M33	150 mm	3.5 mm	50 mm	55.37 mm	21 mm	78 mm	1299.67 g
FBH02W5P33160	M33	160 mm	3.5 mm	50 mm	55.37 mm	21 mm	78 mm	1366.81 g
FBH02W5P33165	M33	165 mm	3.5 mm	50 mm	55.37 mm	21 mm	78 mm	1400.38 g
FBH02W5P33170	M33	170 mm	3.5 mm	50 mm	55.37 mm	21 mm	78 mm	1433.95 g
FBH02W5P33180	M33	180 mm	3.5 mm	50 mm	55.37 mm	21 mm	78 mm	1501.09 g
FBH02W5P33190	M33	190 mm	3.5 mm	50 mm	55.37 mm	21 mm	78 mm	1568.23 g
FBH02W5P33200	M33	200 mm	3.5 mm	50 mm	55.37 mm	21 mm	78 mm	1635.37 g
FBH02W5P33210	M33	210 mm	3.5 mm	50 mm	55.37 mm	21 mm	91 mm	1702.52 g
FBH02W5P33220	M33	220 mm	3.5 mm	50 mm	55.37 mm	21 mm	91 mm	1769.66 g
FBH02W5P36120	M36	120 mm	4 mm	55 mm	60.79 mm	22.5 mm	78 mm	1320 g
FBH02W5P36140	M36	140 mm	4 mm	55 mm	60.79 mm	22.5 mm	84 mm	1470 g
FBH02W5P36150	M36	150 mm	4 mm	55 mm	60.79 mm	22.5 mm	84 mm	1550 g
FBH02W5P36160	M36	160 mm	4 mm	55 mm	60.79 mm	22.5 mm	84 mm	1630 g
FBH02W5P36165	M36	165 mm	4 mm	55 mm	60.79 mm	22.5 mm	84 mm	1670 g
FBH02W5P36170	M36	170 mm	4 mm	55 mm	60.79 mm	22.5 mm	84 mm	1710 g
FBH02W5P36180	M36	180 mm	4 mm	55 mm	60.79 mm	22.5 mm	84 mm	1790 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH02W5P36200	M36	200 mm	4 mm	55 mm	60.79 mm	22.5 mm	84 mm	1950 g
FBH02W5P36220	M36	220 mm	4 mm	55 mm	60.79 mm	22.5 mm	97 mm	2110 g
FBH02W5P36240	M36	240 mm	4 mm	55 mm	60.79 mm	22.5 mm	97 mm	2270 g
FBH02W5P36260	M36	260 mm	4 mm	55 mm	60.79 mm	22.5 mm	97 mm	2430 g
FBH02W5P36300	M36	300 mm	4 mm	55 mm	60.79 mm	22.5 mm	97 mm	2750 g
FBH02W5P39150	M39	150 mm	4 mm	60 mm	66.44 mm	25 mm	90 mm	1916.95 g
FBH02W5P39160	M39	160 mm	4 mm	60 mm	66.44 mm	25 mm	90 mm	2010.73 g
FBH02W5P39180	M39	180 mm	4 mm	60 mm	66.44 mm	25 mm	90 mm	2198.28 g

Part numbers: 162

STANDARDS & CERTIFICATES

Standards

DIN 931 – Hex Head Bolt

ISO 4014 – Hex Head Bolt

