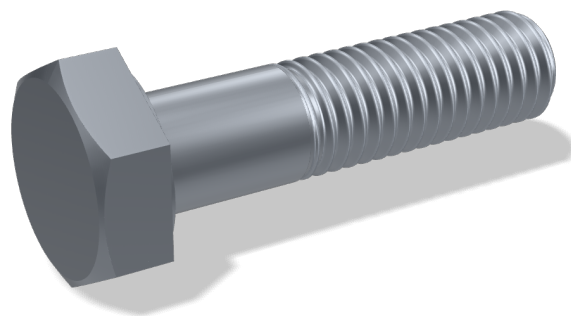


Hex Head Bolt DIN 931 / ISO 4014 - Steel 25CrMo4, Plain

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



TECHNICAL DATA

Dimensions

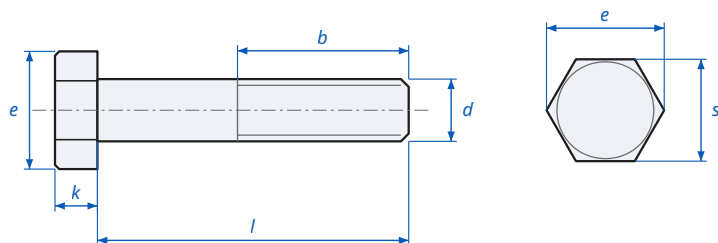
Thread form	Metric ISO thread
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Materials & Finish

Head type	Hexagon
Drive type	External hexagon

Property class / grade	25CrMo4
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
FBH04CMP12050	M12	50 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	58.1 g
FBH04CMP12055	M12	55 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	62.6 g
FBH04CMP12060	M12	60 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	67 g
FBH04CMP12065	M12	65 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	70.3 g
FBH04CMP12070	M12	70 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	74.7 g
FBH04CMP12075	M12	75 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	79.1 g
FBH04CMP12080	M12	80 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	83.6 g
FBH04CMP12085	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
FBH04CMP12090	M12	90 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	92.4 g
FBH04CMP12100	M12	100 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	101 g
FBH04CMP12110	M12	110 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	109 g
FBH04CMP12120	M12	120 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	30 mm	118 g
FBH04CMP12140	M12	140 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	36 mm	136 g
FBH04CMP12150	M12	150 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	36 mm	145 g
FBH04CMP12160	M12	160 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	36 mm	154 g
FBH02CMP16065	M16	65 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	131 g
FBH02CMP16070	M16	70 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	139 g
FBH02CMP16075	M16	75 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	147 g
FBH02CMP16080	M16	80 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	155 g
FBH02CMP16085	M16	85 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	163 g
FBH02CMP16090	M16	90 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	171 g
FBH02CMP16095	M16	95 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	179 g
FBH02CMP16100	M16	100 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	186 g
FBH02CMP16110	M16	110 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	202 g
FBH02CMP16120	M16	120 mm	2 mm	24 mm	26.75 mm	10 mm	38 mm	218 g
FBH02CMP16130	M16	130 mm	2 mm	24 mm	26.75 mm	10 mm	44 mm	230 g
FBH02CMP16140	M16	140 mm	2 mm	24 mm	26.75 mm	10 mm	44 mm	246 g
FBH02CMP16150	M16	150 mm	2 mm	24 mm	26.75 mm	10 mm	44 mm	262 g
FBH02CMP16160	M16	160 mm	2 mm	24 mm	26.75 mm	10 mm	44 mm	278 g
FBH02CMP16180	M16	180 mm	2 mm	24 mm	26.75 mm	10 mm	44 mm	310 g
FBH02CMP16200	M16	200 mm	2 mm	24 mm	26.75 mm	10 mm	44 mm	342 g
FBH02CMP20080	M20	80 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	255 g
FBH02CMP20085	M20	85 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	267 g
FBH02CMP20090	M20	90 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	279 g
FBH02CMP20095	M20	95 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	291 g
FBH02CMP20100	M20	100 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	303 g
FBH02CMP20110	M20	110 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	327 g
FBH02CMP20120	M20	120 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	351 g
FBH02CMP20130	M20	130 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	374 g
FBH02CMP20140	M20	140 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	398 g
FBH02CMP20150	M20	150 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	422 g
FBH02CMP20160	M20	160 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	446 g
FBH02CMP20170	M20	170 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	470 g
FBH02CMP20180	M20	180 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	494 g
FBH02CMP20190	M20	190 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	519 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH02CMP20200	M20	200 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	544 g
FBH02CMP20210	M20	210 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	65 mm	569 g
FBH02CMP20220	M20	220 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	65 mm	594 g
FBH02CMP20230	M20	230 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	65 mm	619 g
FBH02CMP20240	M20	240 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	65 mm	644 g
FBH02CMP20250	M20	250 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	65 mm	669 g
FBH02CMP20260	M20	260 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	65 mm	694 g
FBH02CMP20280	M20	280 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	65 mm	744 g
FBH02CMP24090	M24	90 mm	3 mm	36 mm	39.98 mm	15 mm	54 mm	428 g
FBH02CMP24095	M24	95 mm	3 mm	36 mm	39.98 mm	15 mm	54 mm	446 g
FBH02CMP24100	M24	100 mm	3 mm	36 mm	39.98 mm	15 mm	54 mm	464 g
FBH02CMP24110	M24	110 mm	3 mm	36 mm	39.98 mm	15 mm	54 mm	500 g
FBH02CMP24120	M24	120 mm	3 mm	36 mm	39.98 mm	15 mm	54 mm	535 g
FBH02CMP24130	M24	130 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	560 g
FBH02CMP24140	M24	140 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	595 g
FBH02CMP24150	M24	150 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	630 g
FBH02CMP24160	M24	160 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	665 g
FBH02CMP24170	M24	170 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	700 g
FBH02CMP24180	M24	180 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	735 g
FBH02CMP24190	M24	190 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	770 g
FBH02CMP24200	M24	200 mm	3 mm	36 mm	39.98 mm	15 mm	60 mm	805 g
FBH02CMP24210	M24	210 mm	3 mm	36 mm	39.98 mm	15 mm	73 mm	837.5 g
FBH02CMP24220	M24	220 mm	3 mm	36 mm	39.98 mm	15 mm	73 mm	870 g
FBH02CMP24230	M24	230 mm	3 mm	36 mm	39.98 mm	15 mm	73 mm	902.5 g
FBH02CMP24240	M24	240 mm	3 mm	36 mm	39.98 mm	15 mm	73 mm	935 g
FBH02CMP24260	M24	260 mm	3 mm	36 mm	39.98 mm	15 mm	73 mm	1000 g
FBH02CMP24280	M24	280 mm	3 mm	36 mm	39.98 mm	15 mm	73 mm	1065 g
FBH02CMP24300	M24	300 mm	3 mm	36 mm	39.98 mm	15 mm	73 mm	1130 g
FBH02CMP27100	M27	100 mm	3 mm	41 mm	45.2 mm	17 mm	60 mm	606.18 g
FBH02CMP27110	M27	110 mm	3 mm	41 mm	45.2 mm	17 mm	60 mm	651.13 g
FBH02CMP27120	M27	120 mm	3 mm	41 mm	45.2 mm	17 mm	60 mm	696.08 g
FBH02CMP27130	M27	130 mm	3 mm	41 mm	45.2 mm	17 mm	66 mm	741.02 g
FBH02CMP27140	M27	140 mm	3 mm	41 mm	45.2 mm	17 mm	66 mm	785.97 g
FBH02CMP27150	M27	150 mm	3 mm	41 mm	45.2 mm	17 mm	66 mm	830.91 g
FBH02CMP27160	M27	160 mm	3 mm	41 mm	45.2 mm	17 mm	66 mm	875.86 g
FBH02CMP27170	M27	170 mm	3 mm	41 mm	45.2 mm	17 mm	66 mm	920.8 g
FBH02CMP27180	M27	180 mm	3 mm	41 mm	45.2 mm	17 mm	66 mm	965.75 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH02CMP27190	M27	190 mm	3 mm	41 mm	45.2 mm	17 mm	66 mm	1010.69 g
FBH02CMP27200	M27	200 mm	3 mm	41 mm	45.2 mm	17 mm	66 mm	1055.64 g
FBH02CMP27220	M27	220 mm	3 mm	41 mm	45.2 mm	17 mm	79 mm	1145.53 g
FBH02CMP27230	M27	230 mm	3 mm	41 mm	45.2 mm	17 mm	79 mm	1190.48 g
FBH02CMP27240	M27	240 mm	3 mm	41 mm	45.2 mm	17 mm	79 mm	1235.42 g
FBH02CMP27260	M27	260 mm	3 mm	41 mm	45.2 mm	17 mm	79 mm	1325.31 g
FBH02CMP27280	M27	280 mm	3 mm	41 mm	45.2 mm	17 mm	79 mm	1415.21 g
FBH02CMP30110	M30	110 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	66 mm	823 g
FBH02CMP30120	M30	120 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	66 mm	880 g
FBH02CMP30130	M30	130 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	72 mm	920 g
FBH02CMP30140	M30	140 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	72 mm	975 g
FBH02CMP30150	M30	150 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	72 mm	1030 g
FBH02CMP30160	M30	160 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	72 mm	1085 g
FBH02CMP30170	M30	170 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	72 mm	1140 g
FBH02CMP30180	M30	180 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	72 mm	1200 g
FBH02CMP30190	M30	190 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	72 mm	1250 g
FBH02CMP30200	M30	200 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	72 mm	1310 g
FBH02CMP30210	M30	210 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	85 mm	1365 g
FBH02CMP30220	M30	220 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	85 mm	1420 g
FBH02CMP30230	M30	230 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	85 mm	1475 g
FBH02CMP30240	M30	240 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	85 mm	1530 g
FBH02CMP30250	M30	250 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	85 mm	1585 g
FBH02CMP30260	M30	260 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	85 mm	1640 g
FBH02CMP30280	M30	280 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	85 mm	1750 g
FBH02CMP30300	M30	300 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	85 mm	1860 g
FBH02CMP30320	M30	320 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	85 mm	1970 g
FBH02CMP33130	M33	130 mm	3.5 mm	50 mm	55.37 mm	21 mm	78 mm	1165.39 g
FBH02CMP33140	M33	140 mm	3.5 mm	50 mm	55.37 mm	21 mm	78 mm	1232.53 g
FBH02CMP33150	M33	150 mm	3.5 mm	50 mm	55.37 mm	21 mm	78 mm	1299.67 g
FBH02CMP33160	M33	160 mm	3.5 mm	50 mm	55.37 mm	21 mm	78 mm	1366.81 g
FBH02CMP33165	M33	165 mm	3.5 mm	50 mm	55.37 mm	21 mm	78 mm	1400.38 g
FBH02CMP33170	M33	170 mm	3.5 mm	50 mm	55.37 mm	21 mm	78 mm	1433.95 g
FBH02CMP33180	M33	180 mm	3.5 mm	50 mm	55.37 mm	21 mm	78 mm	1501.09 g
FBH02CMP33190	M33	190 mm	3.5 mm	50 mm	55.37 mm	21 mm	78 mm	1568.23 g
FBH02CMP33200	M33	200 mm	3.5 mm	50 mm	55.37 mm	21 mm	78 mm	1635.37 g
FBH02CMP33210	M33	210 mm	3.5 mm	50 mm	55.37 mm	21 mm	91 mm	1702.52 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH02CMP33220	M33	220 mm	3.5 mm	50 mm	55.37 mm	21 mm	91 mm	1769.66 g
FBH02CMP36120	M36	120 mm	4 mm	55 mm	60.79 mm	22.5 mm	78 mm	1320 g
FBH02CMP36140	M36	140 mm	4 mm	55 mm	60.79 mm	22.5 mm	84 mm	1470 g
FBH02CMP36150	M36	150 mm	4 mm	55 mm	60.79 mm	22.5 mm	84 mm	1550 g
FBH02CMP36160	M36	160 mm	4 mm	55 mm	60.79 mm	22.5 mm	84 mm	1630 g
FBH02CMP36170	M36	170 mm	4 mm	55 mm	60.79 mm	22.5 mm	84 mm	1710 g
FBH02CMP36180	M36	180 mm	4 mm	55 mm	60.79 mm	22.5 mm	84 mm	1790 g
FBH02CMP36200	M36	200 mm	4 mm	55 mm	60.79 mm	22.5 mm	84 mm	1950 g
FBH02CMP36220	M36	220 mm	4 mm	55 mm	60.79 mm	22.5 mm	97 mm	2110 g
FBH02CMP36240	M36	240 mm	4 mm	55 mm	60.79 mm	22.5 mm	97 mm	2270 g
FBH02CMP36260	M36	260 mm	4 mm	55 mm	60.79 mm	22.5 mm	97 mm	2430 g
FBH02CMP36300	M36	300 mm	4 mm	55 mm	60.79 mm	22.5 mm	97 mm	2750 g
FBH02CMP39150	M39	150 mm	4 mm	60 mm	66.44 mm	25 mm	90 mm	1916.95 g
FBH02CMP39160	M39	160 mm	4 mm	60 mm	66.44 mm	25 mm	90 mm	2010.73 g
FBH02CMP39180	M39	180 mm	4 mm	60 mm	66.44 mm	25 mm	90 mm	2198.28 g

Part numbers: 133

STANDARDS & CERTIFICATES

Standards

DIN 931 – Hex Head Bolt

ISO 4014 – Hex Head Bolt

