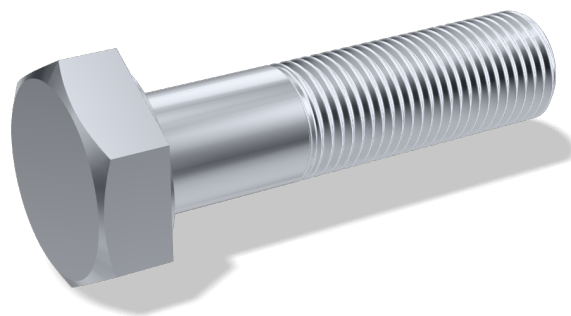


Hex Head Bolt Fine Thread DIN 960 / ISO 8765 - Steel 10.9, Zinc plated

Hex Head Bolt Fine Thread to DIN 960 / ISO 8765, in the sizes, grades and finishes listed.



TECHNICAL DATA

Dimensions

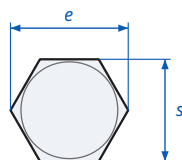
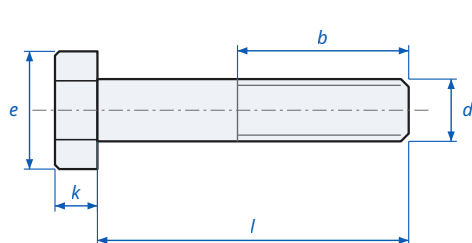
Thread form	Metric fine thread
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Materials & Finish

Head type	Hexagon
Drive type	External hexagon

Property class / grade	10.9
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 Fine Thread DIN 960 / ISO 8765 - 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
FBH10G1ZL1045	M10x1	45 mm	1 mm	17 mm	18.9 mm	6.4 mm	26 mm	38 g
FBH12G1ZL1045	M10x1	45 mm	1 mm	16 mm	17.77 mm	6.4 mm	26 mm	38 g
FBH10G1ZL2045	M10x1.25	45 mm	1.25 mm	17 mm	18.9 mm	6.4 mm	26 mm	38 g
FBH12G1ZL2045	M10x1.25	45 mm	1.25 mm	16 mm	17.77 mm	6.4 mm	26 mm	38 g
FBH10G1ZL2060	M10x1.25	60 mm	1.25 mm	17 mm	18.9 mm	6.4 mm	26 mm	46.9 g
FBH12G1ZL2060	M10x1.25	60 mm	1.25 mm	16 mm	17.77 mm	6.4 mm	26 mm	46.9 g
FBH10G1ZL2070	M10x1.25	70 mm	1.25 mm	17 mm	18.9 mm	6.4 mm	26 mm	53.1 g
FBH12G1ZL2070	M10x1.25	70 mm	1.25 mm	16 mm	17.77 mm	6.4 mm	26 mm	53.1 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH10G1ZL2080	M10x1.25	80 mm	1.25 mm	17 mm	18.9 mm	6.4 mm	26 mm	59.3 g
FBH12G1ZL2080	M10x1.25	80 mm	1.25 mm	16 mm	17.77 mm	6.4 mm	26 mm	59.3 g
FBH10G1ZL4045	M12x1.5	45 mm	1.5 mm	19 mm	21.1 mm	7.5 mm	30 mm	53.6 g
FBH12G1ZL4045	M12x1.5	45 mm	1.5 mm	18 mm	20.03 mm	7.5 mm	30 mm	53.6 g
FBH10G1ZL4050	M12x1.5	50 mm	1.5 mm	19 mm	21.1 mm	7.5 mm	30 mm	58.1 g
FBH12G1ZL4050	M12x1.5	50 mm	1.5 mm	18 mm	20.03 mm	7.5 mm	30 mm	58.1 g
FBH10G1ZL4060	M12x1.5	60 mm	1.5 mm	19 mm	21.1 mm	7.5 mm	30 mm	67 g
FBH12G1ZL4060	M12x1.5	60 mm	1.5 mm	18 mm	20.03 mm	7.5 mm	30 mm	67 g
FBH10G1ZL4065	M12x1.5	65 mm	1.5 mm	19 mm	21.1 mm	7.5 mm	30 mm	70.3 g
FBH12G1ZL4065	M12x1.5	65 mm	1.5 mm	18 mm	20.03 mm	7.5 mm	30 mm	70.3 g
FBH10G1ZL4070	M12x1.5	70 mm	1.5 mm	19 mm	21.1 mm	7.5 mm	30 mm	74.7 g
FBH12G1ZL4070	M12x1.5	70 mm	1.5 mm	18 mm	20.03 mm	7.5 mm	30 mm	74.7 g
FBH10G1ZL4080	M12x1.5	80 mm	1.5 mm	19 mm	21.1 mm	7.5 mm	30 mm	83.6 g
FBH12G1ZL4080	M12x1.5	80 mm	1.5 mm	18 mm	20.03 mm	7.5 mm	30 mm	83.6 g
FBH10G1ZL4100	M12x1.5	100 mm	1.5 mm	19 mm	21.1 mm	7.5 mm	30 mm	101 g
FBH12G1ZL4100	M12x1.5	100 mm	1.5 mm	18 mm	20.03 mm	7.5 mm	30 mm	101 g
FBH10G1ZL5050	M14x1.5	50 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	34 mm	82 g
FBH12G1ZL5050	M14x1.5	50 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	34 mm	82 g
FBH10G1ZL5055	M14x1.5	55 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	34 mm	88.1 g
FBH12G1ZL5055	M14x1.5	55 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	34 mm	88.1 g
FBH10G1ZL5060	M14x1.5	60 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	34 mm	94.1 g
FBH12G1ZL5060	M14x1.5	60 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	34 mm	94.1 g
FBH10G1ZL5065	M14x1.5	65 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	34 mm	98.8 g
FBH12G1ZL5065	M14x1.5	65 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	34 mm	98.8 g
FBH10G1ZL5070	M14x1.5	70 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	34 mm	105 g
FBH12G1ZL5070	M14x1.5	70 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	34 mm	105 g
FBH10G1ZL5075	M14x1.5	75 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	34 mm	111 g
FBH12G1ZL5075	M14x1.5	75 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	34 mm	111 g
FBH10G1ZL5080	M14x1.5	80 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	34 mm	117 g
FBH12G1ZL5080	M14x1.5	80 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	34 mm	117 g
FBH10G1ZL5090	M14x1.5	90 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	34 mm	127 g
FBH12G1ZL5090	M14x1.5	90 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	34 mm	127 g
FBH10G1ZL5100	M14x1.5	100 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	34 mm	139 g
FBH12G1ZL5100	M14x1.5	100 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	34 mm	139 g
FBH10G1ZL5110	M14x1.5	110 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	34 mm	151 g
FBH12G1ZL5110	M14x1.5	110 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	34 mm	151 g
FBH07G1ZL6050	M16x1.5	50 mm	1.5 mm	24 mm	26.75 mm	10 mm	38 mm	107 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH07G1ZL6060	M16x1.5	60 mm	1.5 mm	24 mm	26.75 mm	10 mm	38 mm	123 g
FBH07G1ZL6065	M16x1.5	65 mm	1.5 mm	24 mm	26.75 mm	10 mm	38 mm	131 g
FBH07G1ZL6070	M16x1.5	70 mm	1.5 mm	24 mm	26.75 mm	10 mm	38 mm	139 g
FBH07G1ZL6075	M16x1.5	75 mm	1.5 mm	24 mm	26.75 mm	10 mm	38 mm	147 g
FBH07G1ZL6080	M16x1.5	80 mm	1.5 mm	24 mm	26.75 mm	10 mm	38 mm	155 g
FBH07G1ZL6090	M16x1.5	90 mm	1.5 mm	24 mm	26.75 mm	10 mm	38 mm	171 g
FBH07G1ZL6100	M16x1.5	100 mm	1.5 mm	24 mm	26.75 mm	10 mm	38 mm	186 g
FBH07G1ZL6110	M16x1.5	110 mm	1.5 mm	24 mm	26.75 mm	10 mm	38 mm	202 g
FBH07G1ZL6120	M16x1.5	120 mm	1.5 mm	24 mm	26.75 mm	10 mm	38 mm	218 g
FBH07G1ZL6130	M16x1.5	130 mm	1.5 mm	24 mm	26.75 mm	10 mm	44 mm	230 g
FBH07G1ZL9060	M20x1.5	60 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	207 g
FBH07G1ZL9065	M20x1.5	65 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	219 g
FBH07G1ZL9070	M20x1.5	70 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	231 g
FBH07G1ZL9080	M20x1.5	80 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	255 g
FBH07G1ZL9090	M20x1.5	90 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	279 g
FBH07G1ZL9100	M20x1.5	100 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	303 g
FBH07G1ZL9120	M20x1.5	120 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	351 g
FBH07G1ZL9250	M20x1.5	250 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	65 mm	669 g
FBH10G1ZN1075	M22x1.5	75 mm	1.5 mm	32 mm	35.72 mm	14 mm	50 mm	296 g
FBH12G1ZN1075	M22x1.5	75 mm	1.5 mm	34 mm	37.72 mm	14 mm	50 mm	296 g
FBH07G1ZN3250	M24x1.5	250 mm	1.5 mm	36 mm	39.98 mm	15 mm	73 mm	967.5 g
FBH07G1ZN6170	M30x2	170 mm	2 mm	46 mm	50.85 mm	18.7 mm	72 mm	1140 g
FBH07G1ZN9130	M33x3	130 mm	3 mm	50 mm	55.37 mm	21 mm	78 mm	1129.64 g

Part numbers: 68

STANDARDS & CERTIFICATES

Standards

DIN 960 – Hex Head Bolt Fine Thread

ISO 8765 – Hex Head Bolt Fine Thread

