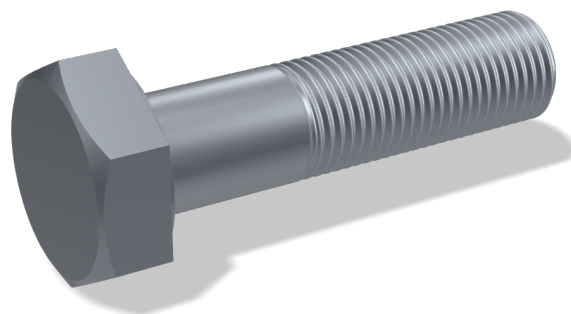


Hex Head Bolt Fine Thread DIN 960 / ISO 8765 - Steel 10.9, Plain

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



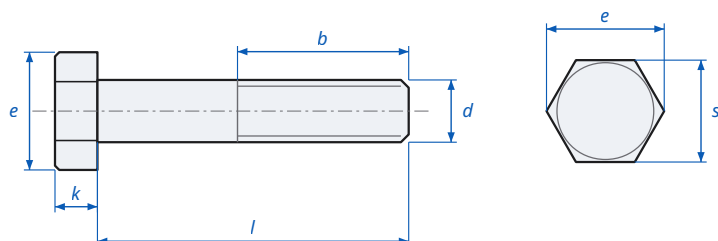
TECHNICAL DATA

Materials & Finish

Head type	Hexagon
Drive type	External hexagon
Property class / grade	10.9

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 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
FBH07G1PL0030	M8x1	30 mm	1 mm	13 mm	14.38 mm	5.3 mm	22 mm	16.1 g
FBH07G1PL0035	M8x1	35 mm	1 mm	13 mm	14.38 mm	5.3 mm	22 mm	18.2 g
FBH07G1PL0040	M8x1	40 mm	1 mm	13 mm	14.38 mm	5.3 mm	22 mm	20.3 g
FBH07G1PL0045	M8x1	45 mm	1 mm	13 mm	14.38 mm	5.3 mm	22 mm	22.2 g
FBH07G1PL0050	M8x1	50 mm	1 mm	13 mm	14.38 mm	5.3 mm	22 mm	24.2 g
FBH07G1PL0055	M8x1	55 mm	1 mm	13 mm	14.38 mm	5.3 mm	22 mm	25.8 g
FBH07G1PL0060	M8x1	60 mm	1 mm	13 mm	14.38 mm	5.3 mm	22 mm	27.8 g
FBH07G1PL0065	M8x1	65 mm	1 mm	13 mm	14.38 mm	5.3 mm	22 mm	29.8 g
FBH07G1PL0070	M8x1	70 mm	1 mm	13 mm	14.38 mm	5.3 mm	22 mm	31.8 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH07G1PL0075	M8x1	75 mm	1 mm	13 mm	14.38 mm	5.3 mm	22 mm	33.7 g
FBH07G1PL0080	M8x1	80 mm	1 mm	13 mm	14.38 mm	5.3 mm	22 mm	35.7 g
FBH07G1PL0090	M8x1	90 mm	1 mm	13 mm	14.38 mm	5.3 mm	22 mm	39.7 g
FBH07G1PL0100	M8x1	100 mm	1 mm	13 mm	14.38 mm	5.3 mm	22 mm	43.7 g
FBH07G1PL0110	M8x1	110 mm	1 mm	13 mm	14.38 mm	5.3 mm	22 mm	47.7 g
FBH07G1PL0120	M8x1	120 mm	1 mm	13 mm	14.38 mm	5.3 mm	22 mm	51.7 g
FBH10G1PL1035	M10x1	35 mm	1 mm	17 mm	18.9 mm	6.4 mm	26 mm	32 g
FBH12G1PL1035	M10x1	35 mm	1 mm	16 mm	17.77 mm	6.4 mm	26 mm	32 g
FBH10G1PL1040	M10x1	40 mm	1 mm	17 mm	18.9 mm	6.4 mm	26 mm	35 g
FBH12G1PL1040	M10x1	40 mm	1 mm	16 mm	17.77 mm	6.4 mm	26 mm	35 g
FBH10G1PL1045	M10x1	45 mm	1 mm	17 mm	18.9 mm	6.4 mm	26 mm	38 g
FBH12G1PL1045	M10x1	45 mm	1 mm	16 mm	17.77 mm	6.4 mm	26 mm	38 g
FBH10G1PL1050	M10x1	50 mm	1 mm	17 mm	18.9 mm	6.4 mm	26 mm	41.1 g
FBH12G1PL1050	M10x1	50 mm	1 mm	16 mm	17.77 mm	6.4 mm	26 mm	41.1 g
FBH10G1PL1055	M10x1	55 mm	1 mm	17 mm	18.9 mm	6.4 mm	26 mm	43.8 g
FBH12G1PL1055	M10x1	55 mm	1 mm	16 mm	17.77 mm	6.4 mm	26 mm	43.8 g
FBH10G1PL1060	M10x1	60 mm	1 mm	17 mm	18.9 mm	6.4 mm	26 mm	46.9 g
FBH12G1PL1060	M10x1	60 mm	1 mm	16 mm	17.77 mm	6.4 mm	26 mm	46.9 g
FBH10G1PL1070	M10x1	70 mm	1 mm	17 mm	18.9 mm	6.4 mm	26 mm	53.1 g
FBH12G1PL1070	M10x1	70 mm	1 mm	16 mm	17.77 mm	6.4 mm	26 mm	53.1 g
FBH10G1PL1080	M10x1	80 mm	1 mm	17 mm	18.9 mm	6.4 mm	26 mm	59.3 g
FBH12G1PL1080	M10x1	80 mm	1 mm	16 mm	17.77 mm	6.4 mm	26 mm	59.3 g
FBH10G1PL1090	M10x1	90 mm	1 mm	17 mm	18.9 mm	6.4 mm	26 mm	65.5 g
FBH12G1PL1090	M10x1	90 mm	1 mm	16 mm	17.77 mm	6.4 mm	26 mm	65.5 g
FBH10G1PL1100	M10x1	100 mm	1 mm	17 mm	18.9 mm	6.4 mm	26 mm	71.7 g
FBH12G1PL1100	M10x1	100 mm	1 mm	16 mm	17.77 mm	6.4 mm	26 mm	71.7 g
FBH10G1PL1120	M10x1	120 mm	1 mm	17 mm	18.9 mm	6.4 mm	26 mm	84.1 g
FBH12G1PL1120	M10x1	120 mm	1 mm	16 mm	17.77 mm	6.4 mm	26 mm	84.1 g
FBH10G1PL2035	M10x1.25	35 mm	1.25 mm	17 mm	18.9 mm	6.4 mm	26 mm	32 g
FBH12G1PL2035	M10x1.25	35 mm	1.25 mm	16 mm	17.77 mm	6.4 mm	26 mm	32 g
FBH10G1PL2040	M10x1.25	40 mm	1.25 mm	17 mm	18.9 mm	6.4 mm	26 mm	35 g
FBH12G1PL2040	M10x1.25	40 mm	1.25 mm	16 mm	17.77 mm	6.4 mm	26 mm	35 g
FBH10G1PL2045	M10x1.25	45 mm	1.25 mm	17 mm	18.9 mm	6.4 mm	26 mm	38 g
FBH12G1PL2045	M10x1.25	45 mm	1.25 mm	16 mm	17.77 mm	6.4 mm	26 mm	38 g
FBH10G1PL2050	M10x1.25	50 mm	1.25 mm	17 mm	18.9 mm	6.4 mm	26 mm	41.1 g
FBH12G1PL2050	M10x1.25	50 mm	1.25 mm	16 mm	17.77 mm	6.4 mm	26 mm	41.1 g
FBH10G1PL2055	M10x1.25	55 mm	1.25 mm	17 mm	18.9 mm	6.4 mm	26 mm	43.8 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH12G1PL2055	M10x1.25	55 mm	1.25 mm	16 mm	17.77 mm	6.4 mm	26 mm	43.8 g
FBH10G1PL2060	M10x1.25	60 mm	1.25 mm	17 mm	18.9 mm	6.4 mm	26 mm	46.9 g
FBH12G1PL2060	M10x1.25	60 mm	1.25 mm	16 mm	17.77 mm	6.4 mm	26 mm	46.9 g
FBH10G1PL2065	M10x1.25	65 mm	1.25 mm	17 mm	18.9 mm	6.4 mm	26 mm	50 g
FBH12G1PL2065	M10x1.25	65 mm	1.25 mm	16 mm	17.77 mm	6.4 mm	26 mm	50 g
FBH10G1PL2070	M10x1.25	70 mm	1.25 mm	17 mm	18.9 mm	6.4 mm	26 mm	53.1 g
FBH12G1PL2070	M10x1.25	70 mm	1.25 mm	16 mm	17.77 mm	6.4 mm	26 mm	53.1 g
FBH10G1PL2075	M10x1.25	75 mm	1.25 mm	17 mm	18.9 mm	6.4 mm	26 mm	56.2 g
FBH12G1PL2075	M10x1.25	75 mm	1.25 mm	16 mm	17.77 mm	6.4 mm	26 mm	56.2 g
FBH10G1PL2080	M10x1.25	80 mm	1.25 mm	17 mm	18.9 mm	6.4 mm	26 mm	59.3 g
FBH12G1PL2080	M10x1.25	80 mm	1.25 mm	16 mm	17.77 mm	6.4 mm	26 mm	59.3 g
FBH10G1PL2090	M10x1.25	90 mm	1.25 mm	17 mm	18.9 mm	6.4 mm	26 mm	65.5 g
FBH12G1PL2090	M10x1.25	90 mm	1.25 mm	16 mm	17.77 mm	6.4 mm	26 mm	65.5 g
FBH10G1PL2100	M10x1.25	100 mm	1.25 mm	17 mm	18.9 mm	6.4 mm	26 mm	71.7 g
FBH12G1PL2100	M10x1.25	100 mm	1.25 mm	16 mm	17.77 mm	6.4 mm	26 mm	71.7 g
FBH10G1PL2110	M10x1.25	110 mm	1.25 mm	17 mm	18.9 mm	6.4 mm	26 mm	77.9 g
FBH12G1PL2110	M10x1.25	110 mm	1.25 mm	16 mm	17.77 mm	6.4 mm	26 mm	77.9 g
FBH10G1PL2120	M10x1.25	120 mm	1.25 mm	17 mm	18.9 mm	6.4 mm	26 mm	84.1 g
FBH12G1PL2120	M10x1.25	120 mm	1.25 mm	16 mm	17.77 mm	6.4 mm	26 mm	84.1 g
FBH10G1PL2130	M10x1.25	130 mm	1.25 mm	17 mm	18.9 mm	6.4 mm	32 mm	90.3 g
FBH12G1PL2130	M10x1.25	130 mm	1.25 mm	16 mm	17.77 mm	6.4 mm	32 mm	90.3 g
FBH10G1PL2140	M10x1.25	140 mm	1.25 mm	17 mm	18.9 mm	6.4 mm	32 mm	96.5 g
FBH12G1PL2140	M10x1.25	140 mm	1.25 mm	16 mm	17.77 mm	6.4 mm	32 mm	96.5 g
FBH10G1PL2150	M10x1.25	150 mm	1.25 mm	17 mm	18.9 mm	6.4 mm	32 mm	102.7 g
FBH12G1PL2150	M10x1.25	150 mm	1.25 mm	16 mm	17.77 mm	6.4 mm	32 mm	102.7 g
FBH10G1PL3035	M12x1.25	35 mm	1.25 mm	19 mm	21.1 mm	7.5 mm	30 mm	44.6 g
FBH12G1PL3035	M12x1.25	35 mm	1.25 mm	18 mm	20.03 mm	7.5 mm	30 mm	44.6 g
FBH10G1PL3040	M12x1.25	40 mm	1.25 mm	19 mm	21.1 mm	7.5 mm	30 mm	49.1 g
FBH12G1PL3040	M12x1.25	40 mm	1.25 mm	18 mm	20.03 mm	7.5 mm	30 mm	49.1 g
FBH10G1PL3045	M12x1.25	45 mm	1.25 mm	19 mm	21.1 mm	7.5 mm	30 mm	53.6 g
FBH12G1PL3045	M12x1.25	45 mm	1.25 mm	18 mm	20.03 mm	7.5 mm	30 mm	53.6 g
FBH10G1PL3050	M12x1.25	50 mm	1.25 mm	19 mm	21.1 mm	7.5 mm	30 mm	58.1 g
FBH12G1PL3050	M12x1.25	50 mm	1.25 mm	18 mm	20.03 mm	7.5 mm	30 mm	58.1 g
FBH10G1PL3055	M12x1.25	55 mm	1.25 mm	19 mm	21.1 mm	7.5 mm	30 mm	62.6 g
FBH12G1PL3055	M12x1.25	55 mm	1.25 mm	18 mm	20.03 mm	7.5 mm	30 mm	62.6 g
FBH10G1PL3060	M12x1.25	60 mm	1.25 mm	19 mm	21.1 mm	7.5 mm	30 mm	67 g
FBH12G1PL3060	M12x1.25	60 mm	1.25 mm	18 mm	20.03 mm	7.5 mm	30 mm	67 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH10G1PL3065	M12x1.25	65 mm	1.25 mm	19 mm	21.1 mm	7.5 mm	30 mm	70.3 g
FBH12G1PL3065	M12x1.25	65 mm	1.25 mm	18 mm	20.03 mm	7.5 mm	30 mm	70.3 g
FBH10G1PL3070	M12x1.25	70 mm	1.25 mm	19 mm	21.1 mm	7.5 mm	30 mm	74.7 g
FBH12G1PL3070	M12x1.25	70 mm	1.25 mm	18 mm	20.03 mm	7.5 mm	30 mm	74.7 g
FBH10G1PL3075	M12x1.25	75 mm	1.25 mm	19 mm	21.1 mm	7.5 mm	30 mm	79.1 g
FBH12G1PL3075	M12x1.25	75 mm	1.25 mm	18 mm	20.03 mm	7.5 mm	30 mm	79.1 g
FBH10G1PL3080	M12x1.25	80 mm	1.25 mm	19 mm	21.1 mm	7.5 mm	30 mm	83.6 g
FBH12G1PL3080	M12x1.25	80 mm	1.25 mm	18 mm	20.03 mm	7.5 mm	30 mm	83.6 g
FBH10G1PL3090	M12x1.25	90 mm	1.25 mm	19 mm	21.1 mm	7.5 mm	30 mm	92.4 g
FBH12G1PL3090	M12x1.25	90 mm	1.25 mm	18 mm	20.03 mm	7.5 mm	30 mm	92.4 g
FBH10G1PL3100	M12x1.25	100 mm	1.25 mm	19 mm	21.1 mm	7.5 mm	30 mm	101 g
FBH12G1PL3100	M12x1.25	100 mm	1.25 mm	18 mm	20.03 mm	7.5 mm	30 mm	101 g
FBH10G1PL3110	M12x1.25	110 mm	1.25 mm	19 mm	21.1 mm	7.5 mm	30 mm	109 g
FBH12G1PL3110	M12x1.25	110 mm	1.25 mm	18 mm	20.03 mm	7.5 mm	30 mm	109 g
FBH10G1PL3120	M12x1.25	120 mm	1.25 mm	19 mm	21.1 mm	7.5 mm	30 mm	118 g
FBH12G1PL3120	M12x1.25	120 mm	1.25 mm	18 mm	20.03 mm	7.5 mm	30 mm	118 g
FBH10G1PL3130	M12x1.25	130 mm	1.25 mm	19 mm	21.1 mm	7.5 mm	36 mm	127 g
FBH12G1PL3130	M12x1.25	130 mm	1.25 mm	18 mm	20.03 mm	7.5 mm	36 mm	127 g
FBH10G1PL3140	M12x1.25	140 mm	1.25 mm	19 mm	21.1 mm	7.5 mm	36 mm	136 g
FBH12G1PL3140	M12x1.25	140 mm	1.25 mm	18 mm	20.03 mm	7.5 mm	36 mm	136 g
FBH10G1PL3150	M12x1.25	150 mm	1.25 mm	19 mm	21.1 mm	7.5 mm	36 mm	145 g
FBH12G1PL3150	M12x1.25	150 mm	1.25 mm	18 mm	20.03 mm	7.5 mm	36 mm	145 g
FBH10G1PL3220	M12x1.25	220 mm	1.25 mm	19 mm	21.1 mm	7.5 mm	49 mm	208 g
FBH12G1PL3220	M12x1.25	220 mm	1.25 mm	18 mm	20.03 mm	7.5 mm	49 mm	208 g
FBH10G1PL4035	M12x1.5	35 mm	1.5 mm	19 mm	21.1 mm	7.5 mm	30 mm	44.6 g
FBH12G1PL4035	M12x1.5	35 mm	1.5 mm	18 mm	20.03 mm	7.5 mm	30 mm	44.6 g
FBH10G1PL4040	M12x1.5	40 mm	1.5 mm	19 mm	21.1 mm	7.5 mm	30 mm	49.1 g
FBH12G1PL4040	M12x1.5	40 mm	1.5 mm	18 mm	20.03 mm	7.5 mm	30 mm	49.1 g
FBH10G1PL4045	M12x1.5	45 mm	1.5 mm	19 mm	21.1 mm	7.5 mm	30 mm	53.6 g
FBH12G1PL4045	M12x1.5	45 mm	1.5 mm	18 mm	20.03 mm	7.5 mm	30 mm	53.6 g
FBH10G1PL4050	M12x1.5	50 mm	1.5 mm	19 mm	21.1 mm	7.5 mm	30 mm	58.1 g
FBH12G1PL4050	M12x1.5	50 mm	1.5 mm	18 mm	20.03 mm	7.5 mm	30 mm	58.1 g
FBH10G1PL4055	M12x1.5	55 mm	1.5 mm	19 mm	21.1 mm	7.5 mm	30 mm	62.6 g
FBH12G1PL4055	M12x1.5	55 mm	1.5 mm	18 mm	20.03 mm	7.5 mm	30 mm	62.6 g
FBH10G1PL4060	M12x1.5	60 mm	1.5 mm	19 mm	21.1 mm	7.5 mm	30 mm	67 g
FBH12G1PL4060	M12x1.5	60 mm	1.5 mm	18 mm	20.03 mm	7.5 mm	30 mm	67 g
FBH10G1PL4065	M12x1.5	65 mm	1.5 mm	19 mm	21.1 mm	7.5 mm	30 mm	70.3 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH12G1PL4065	M12x1.5	65 mm	1.5 mm	18 mm	20.03 mm	7.5 mm	30 mm	70.3 g
FBH10G1PL4070	M12x1.5	70 mm	1.5 mm	19 mm	21.1 mm	7.5 mm	30 mm	74.7 g
FBH12G1PL4070	M12x1.5	70 mm	1.5 mm	18 mm	20.03 mm	7.5 mm	30 mm	74.7 g
FBH10G1PL4075	M12x1.5	75 mm	1.5 mm	19 mm	21.1 mm	7.5 mm	30 mm	79.1 g
FBH12G1PL4075	M12x1.5	75 mm	1.5 mm	18 mm	20.03 mm	7.5 mm	30 mm	79.1 g
FBH10G1PL4080	M12x1.5	80 mm	1.5 mm	19 mm	21.1 mm	7.5 mm	30 mm	83.6 g
FBH12G1PL4080	M12x1.5	80 mm	1.5 mm	18 mm	20.03 mm	7.5 mm	30 mm	83.6 g
FBH10G1PL4090	M12x1.5	90 mm	1.5 mm	19 mm	21.1 mm	7.5 mm	30 mm	92.4 g
FBH12G1PL4090	M12x1.5	90 mm	1.5 mm	18 mm	20.03 mm	7.5 mm	30 mm	92.4 g
FBH10G1PL4100	M12x1.5	100 mm	1.5 mm	19 mm	21.1 mm	7.5 mm	30 mm	101 g
FBH12G1PL4100	M12x1.5	100 mm	1.5 mm	18 mm	20.03 mm	7.5 mm	30 mm	101 g
FBH10G1PL4110	M12x1.5	110 mm	1.5 mm	19 mm	21.1 mm	7.5 mm	30 mm	109 g
FBH12G1PL4110	M12x1.5	110 mm	1.5 mm	18 mm	20.03 mm	7.5 mm	30 mm	109 g
FBH10G1PL4120	M12x1.5	120 mm	1.5 mm	19 mm	21.1 mm	7.5 mm	30 mm	118 g
FBH12G1PL4120	M12x1.5	120 mm	1.5 mm	18 mm	20.03 mm	7.5 mm	30 mm	118 g
FBH10G1PL4130	M12x1.5	130 mm	1.5 mm	19 mm	21.1 mm	7.5 mm	36 mm	127 g
FBH12G1PL4130	M12x1.5	130 mm	1.5 mm	18 mm	20.03 mm	7.5 mm	36 mm	127 g
FBH10G1PL4140	M12x1.5	140 mm	1.5 mm	19 mm	21.1 mm	7.5 mm	36 mm	136 g
FBH12G1PL4140	M12x1.5	140 mm	1.5 mm	18 mm	20.03 mm	7.5 mm	36 mm	136 g
FBH10G1PL5045	M14x1.5	45 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	34 mm	75.9 g
FBH12G1PL5045	M14x1.5	45 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	34 mm	75.9 g
FBH10G1PL5050	M14x1.5	50 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	34 mm	82 g
FBH12G1PL5050	M14x1.5	50 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	34 mm	82 g
FBH10G1PL5055	M14x1.5	55 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	34 mm	88.1 g
FBH12G1PL5055	M14x1.5	55 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	34 mm	88.1 g
FBH10G1PL5060	M14x1.5	60 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	34 mm	94.1 g
FBH12G1PL5060	M14x1.5	60 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	34 mm	94.1 g
FBH10G1PL5065	M14x1.5	65 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	34 mm	98.8 g
FBH12G1PL5065	M14x1.5	65 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	34 mm	98.8 g
FBH10G1PL5070	M14x1.5	70 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	34 mm	105 g
FBH12G1PL5070	M14x1.5	70 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	34 mm	105 g
FBH10G1PL5075	M14x1.5	75 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	34 mm	111 g
FBH12G1PL5075	M14x1.5	75 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	34 mm	111 g
FBH10G1PL5080	M14x1.5	80 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	34 mm	117 g
FBH12G1PL5080	M14x1.5	80 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	34 mm	117 g
FBH10G1PL5090	M14x1.5	90 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	34 mm	127 g
FBH12G1PL5090	M14x1.5	90 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	34 mm	127 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH10G1PL5100	M14x1.5	100 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	34 mm	139 g
FBH12G1PL5100	M14x1.5	100 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	34 mm	139 g
FBH10G1PL5110	M14x1.5	110 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	34 mm	151 g
FBH12G1PL5110	M14x1.5	110 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	34 mm	151 g
FBH10G1PL5120	M14x1.5	120 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	34 mm	164 g
FBH12G1PL5120	M14x1.5	120 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	34 mm	164 g
FBH10G1PL5130	M14x1.5	130 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	40 mm	174 g
FBH12G1PL5130	M14x1.5	130 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	40 mm	174 g
FBH10G1PL5140	M14x1.5	140 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	40 mm	185 g
FBH12G1PL5140	M14x1.5	140 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	40 mm	185 g
FBH10G1PL5150	M14x1.5	150 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	40 mm	196 g
FBH12G1PL5150	M14x1.5	150 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	40 mm	196 g
FBH10G1PL5160	M14x1.5	160 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	40 mm	207 g
FBH12G1PL5160	M14x1.5	160 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	40 mm	207 g
FBH10G1PL5170	M14x1.5	170 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	40 mm	218 g
FBH12G1PL5170	M14x1.5	170 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	40 mm	218 g
FBH10G1PL5180	M14x1.5	180 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	40 mm	229 g
FBH12G1PL5180	M14x1.5	180 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	40 mm	229 g
FBH10G1PL5240	M14x1.5	240 mm	1.5 mm	22 mm	24.49 mm	8.8 mm	53 mm	295 g
FBH12G1PL5240	M14x1.5	240 mm	1.5 mm	21 mm	23.36 mm	8.8 mm	53 mm	295 g
FBH07G1PL6050	M16x1.5	50 mm	1.5 mm	24 mm	26.75 mm	10 mm	38 mm	107 g
FBH07G1PL6055	M16x1.5	55 mm	1.5 mm	24 mm	26.75 mm	10 mm	38 mm	115 g
FBH07G1PL6060	M16x1.5	60 mm	1.5 mm	24 mm	26.75 mm	10 mm	38 mm	123 g
FBH07G1PL6065	M16x1.5	65 mm	1.5 mm	24 mm	26.75 mm	10 mm	38 mm	131 g
FBH07G1PL6070	M16x1.5	70 mm	1.5 mm	24 mm	26.75 mm	10 mm	38 mm	139 g
FBH07G1PL6075	M16x1.5	75 mm	1.5 mm	24 mm	26.75 mm	10 mm	38 mm	147 g
FBH07G1PL6080	M16x1.5	80 mm	1.5 mm	24 mm	26.75 mm	10 mm	38 mm	155 g
FBH07G1PL6085	M16x1.5	85 mm	1.5 mm	24 mm	26.75 mm	10 mm	38 mm	163 g
FBH07G1PL6090	M16x1.5	90 mm	1.5 mm	24 mm	26.75 mm	10 mm	38 mm	171 g
FBH07G1PL6100	M16x1.5	100 mm	1.5 mm	24 mm	26.75 mm	10 mm	38 mm	186 g
FBH07G1PL6110	M16x1.5	110 mm	1.5 mm	24 mm	26.75 mm	10 mm	38 mm	202 g
FBH07G1PL6115	M16x1.5	115 mm	1.5 mm	24 mm	26.75 mm	10 mm	38 mm	210 g
FBH07G1PL6120	M16x1.5	120 mm	1.5 mm	24 mm	26.75 mm	10 mm	38 mm	218 g
FBH07G1PL6130	M16x1.5	130 mm	1.5 mm	24 mm	26.75 mm	10 mm	44 mm	230 g
FBH07G1PL6140	M16x1.5	140 mm	1.5 mm	24 mm	26.75 mm	10 mm	44 mm	246 g
FBH07G1PL6150	M16x1.5	150 mm	1.5 mm	24 mm	26.75 mm	10 mm	44 mm	262 g
FBH07G1PL6160	M16x1.5	160 mm	1.5 mm	24 mm	26.75 mm	10 mm	44 mm	278 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH07G1PL6180	M16x1.5	180 mm	1.5 mm	24 mm	26.75 mm	10 mm	44 mm	310 g
FBH07G1PL6190	M16x1.5	190 mm	1.5 mm	24 mm	26.75 mm	10 mm	44 mm	326 g
FBH07G1PL6200	M16x1.5	200 mm	1.5 mm	24 mm	26.75 mm	10 mm	44 mm	342 g
FBH07G1PL6220	M16x1.5	220 mm	1.5 mm	24 mm	26.75 mm	10 mm	57 mm	374 g
FBH07G1PL6230	M16x1.5	230 mm	1.5 mm	24 mm	26.75 mm	10 mm	57 mm	390 g
FBH07G1PL6340	M16x1.5	340 mm	1.5 mm	24 mm	26.75 mm	10 mm	57 mm	566 g
FBH07G1PL6360	M16x1.5	360 mm	1.5 mm	24 mm	26.75 mm	10 mm	57 mm	598 g
FBH07G1PL6370	M16x1.5	370 mm	1.5 mm	24 mm	26.75 mm	10 mm	57 mm	614 g
FBH07G1PL7055	M18x1.5	55 mm	1.5 mm	27 mm	30.14 mm	11.5 mm	42 mm	151 g
FBH07G1PL7060	M18x1.5	60 mm	1.5 mm	27 mm	30.14 mm	11.5 mm	42 mm	161 g
FBH07G1PL7065	M18x1.5	65 mm	1.5 mm	27 mm	30.14 mm	11.5 mm	42 mm	171 g
FBH07G1PL7070	M18x1.5	70 mm	1.5 mm	27 mm	30.14 mm	11.5 mm	42 mm	181 g
FBH07G1PL7075	M18x1.5	75 mm	1.5 mm	27 mm	30.14 mm	11.5 mm	42 mm	191 g
FBH07G1PL7080	M18x1.5	80 mm	1.5 mm	27 mm	30.14 mm	11.5 mm	42 mm	200 g
FBH07G1PL7090	M18x1.5	90 mm	1.5 mm	27 mm	30.14 mm	11.5 mm	42 mm	220 g
FBH07G1PL7100	M18x1.5	100 mm	1.5 mm	27 mm	30.14 mm	11.5 mm	42 mm	240 g
FBH07G1PL7110	M18x1.5	110 mm	1.5 mm	27 mm	30.14 mm	11.5 mm	42 mm	260 g
FBH07G1PL7120	M18x1.5	120 mm	1.5 mm	27 mm	30.14 mm	11.5 mm	42 mm	280 g
FBH07G1PL7130	M18x1.5	130 mm	1.5 mm	27 mm	30.14 mm	11.5 mm	48 mm	296 g
FBH07G1PL7140	M18x1.5	140 mm	1.5 mm	27 mm	30.14 mm	11.5 mm	48 mm	316 g
FBH07G1PL7150	M18x1.5	150 mm	1.5 mm	27 mm	30.14 mm	11.5 mm	48 mm	336 g
FBH07G1PL7180	M18x1.5	180 mm	1.5 mm	27 mm	30.14 mm	11.5 mm	48 mm	396 g
FBH07G1PL7205	M18x1.5	205 mm	1.5 mm	27 mm	30.14 mm	11.5 mm	61 mm	446 g
FBH07G1PL7220	M18x1.5	220 mm	1.5 mm	27 mm	30.14 mm	11.5 mm	61 mm	476 g
FBH07G1PL7240	M18x1.5	240 mm	1.5 mm	27 mm	30.14 mm	11.5 mm	61 mm	516 g
FBH07G1PL7250	M18x1.5	250 mm	1.5 mm	27 mm	30.14 mm	11.5 mm	61 mm	536 g
FBH07G1PL7260	M18x1.5	260 mm	1.5 mm	27 mm	30.14 mm	11.5 mm	61 mm	556 g
FBH07G1PL7280	M18x1.5	280 mm	1.5 mm	27 mm	30.14 mm	11.5 mm	61 mm	596 g
FBH07G1PL8070	M18x2	70 mm	2 mm	27 mm	30.14 mm	11.5 mm	42 mm	181 g
FBH07G1PL8080	M18x2	80 mm	2 mm	27 mm	30.14 mm	11.5 mm	42 mm	200 g
FBH07G1PL8100	M18x2	100 mm	2 mm	27 mm	30.14 mm	11.5 mm	42 mm	240 g
FBH07G1PL8115	M18x2	115 mm	2 mm	27 mm	30.14 mm	11.5 mm	42 mm	270 g
FBH07G1PL8140	M18x2	140 mm	2 mm	27 mm	30.14 mm	11.5 mm	48 mm	316 g
FBH07G1PL9055	M20x1.5	55 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	195 g
FBH07G1PL9060	M20x1.5	60 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	207 g
FBH07G1PL9065	M20x1.5	65 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	219 g
FBH07G1PL9070	M20x1.5	70 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	231 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH07G1PL9075	M20x1.5	75 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	243 g
FBH07G1PL9080	M20x1.5	80 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	255 g
FBH07G1PL9085	M20x1.5	85 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	267 g
FBH07G1PL9090	M20x1.5	90 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	279 g
FBH07G1PL9100	M20x1.5	100 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	303 g
FBH07G1PL9110	M20x1.5	110 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	327 g
FBH07G1PL9120	M20x1.5	120 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	46 mm	351 g
FBH07G1PL9130	M20x1.5	130 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	374 g
FBH07G1PL9140	M20x1.5	140 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	398 g
FBH07G1PL9150	M20x1.5	150 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	422 g
FBH07G1PL9160	M20x1.5	160 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	446 g
FBH07G1PL9170	M20x1.5	170 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	470 g
FBH07G1PL9180	M20x1.5	180 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	494 g
FBH07G1PL9190	M20x1.5	190 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	519 g
FBH07G1PL9200	M20x1.5	200 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	52 mm	544 g
FBH07G1PL9250	M20x1.5	250 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	65 mm	669 g
FBH07G1PL9320	M20x1.5	320 mm	1.5 mm	30 mm	33.53 mm	12.5 mm	65 mm	844 g
FBH07G1PN0060	M20x2	60 mm	2 mm	30 mm	33.53 mm	12.5 mm	46 mm	207 g
FBH07G1PN0065	M20x2	65 mm	2 mm	30 mm	33.53 mm	12.5 mm	46 mm	219 g
FBH07G1PN0070	M20x2	70 mm	2 mm	30 mm	33.53 mm	12.5 mm	46 mm	231 g
FBH07G1PN0075	M20x2	75 mm	2 mm	30 mm	33.53 mm	12.5 mm	46 mm	243 g
FBH07G1PN0080	M20x2	80 mm	2 mm	30 mm	33.53 mm	12.5 mm	46 mm	255 g
FBH07G1PN0090	M20x2	90 mm	2 mm	30 mm	33.53 mm	12.5 mm	46 mm	279 g
FBH07G1PN0100	M20x2	100 mm	2 mm	30 mm	33.53 mm	12.5 mm	46 mm	303 g
FBH07G1PN0110	M20x2	110 mm	2 mm	30 mm	33.53 mm	12.5 mm	46 mm	327 g
FBH07G1PN0120	M20x2	120 mm	2 mm	30 mm	33.53 mm	12.5 mm	46 mm	351 g
FBH07G1PN0150	M20x2	150 mm	2 mm	30 mm	33.53 mm	12.5 mm	52 mm	422 g
FBH07G1PN0250	M20x2	250 mm	2 mm	30 mm	33.53 mm	12.5 mm	65 mm	669 g
FBH10G1PN1060	M22x1.5	60 mm	1.5 mm	32 mm	35.72 mm	14 mm	50 mm	251 g
FBH12G1PN1060	M22x1.5	60 mm	1.5 mm	34 mm	37.72 mm	14 mm	50 mm	251 g
FBH10G1PN1065	M22x1.5	65 mm	1.5 mm	32 mm	35.72 mm	14 mm	50 mm	266 g
FBH12G1PN1065	M22x1.5	65 mm	1.5 mm	34 mm	37.72 mm	14 mm	50 mm	266 g
FBH10G1PN1070	M22x1.5	70 mm	1.5 mm	32 mm	35.72 mm	14 mm	50 mm	281 g
FBH12G1PN1070	M22x1.5	70 mm	1.5 mm	34 mm	37.72 mm	14 mm	50 mm	281 g
FBH10G1PN1075	M22x1.5	75 mm	1.5 mm	32 mm	35.72 mm	14 mm	50 mm	296 g
FBH12G1PN1075	M22x1.5	75 mm	1.5 mm	34 mm	37.72 mm	14 mm	50 mm	296 g
FBH10G1PN1080	M22x1.5	80 mm	1.5 mm	32 mm	35.72 mm	14 mm	50 mm	311 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH12G1PN1080	M22x1.5	80 mm	1.5 mm	34 mm	37.72 mm	14 mm	50 mm	311 g
FBH10G1PN1090	M22x1.5	90 mm	1.5 mm	32 mm	35.72 mm	14 mm	50 mm	341 g
FBH12G1PN1090	M22x1.5	90 mm	1.5 mm	34 mm	37.72 mm	14 mm	50 mm	341 g
FBH10G1PN1100	M22x1.5	100 mm	1.5 mm	32 mm	35.72 mm	14 mm	50 mm	370 g
FBH12G1PN1100	M22x1.5	100 mm	1.5 mm	34 mm	37.72 mm	14 mm	50 mm	370 g
FBH10G1PN1110	M22x1.5	110 mm	1.5 mm	32 mm	35.72 mm	14 mm	50 mm	400 g
FBH12G1PN1110	M22x1.5	110 mm	1.5 mm	34 mm	37.72 mm	14 mm	50 mm	400 g
FBH10G1PN1120	M22x1.5	120 mm	1.5 mm	32 mm	35.72 mm	14 mm	50 mm	430 g
FBH12G1PN1120	M22x1.5	120 mm	1.5 mm	34 mm	37.72 mm	14 mm	50 mm	430 g
FBH10G1PN1125	M22x1.5	125 mm	1.5 mm	32 mm	35.72 mm	14 mm	50 mm	440 g
FBH12G1PN1125	M22x1.5	125 mm	1.5 mm	34 mm	37.72 mm	14 mm	50 mm	440 g
FBH10G1PN1130	M22x1.5	130 mm	1.5 mm	32 mm	35.72 mm	14 mm	56 mm	450 g
FBH12G1PN1130	M22x1.5	130 mm	1.5 mm	34 mm	37.72 mm	14 mm	56 mm	450 g
FBH10G1PN1140	M22x1.5	140 mm	1.5 mm	32 mm	35.72 mm	14 mm	56 mm	480 g
FBH12G1PN1140	M22x1.5	140 mm	1.5 mm	34 mm	37.72 mm	14 mm	56 mm	480 g
FBH10G1PN1150	M22x1.5	150 mm	1.5 mm	32 mm	35.72 mm	14 mm	56 mm	510 g
FBH12G1PN1150	M22x1.5	150 mm	1.5 mm	34 mm	37.72 mm	14 mm	56 mm	510 g
FBH10G1PN1190	M22x1.5	190 mm	1.5 mm	32 mm	35.72 mm	14 mm	56 mm	630 g
FBH12G1PN1190	M22x1.5	190 mm	1.5 mm	34 mm	37.72 mm	14 mm	56 mm	630 g
FBH10G1PN1210	M22x1.5	210 mm	1.5 mm	32 mm	35.72 mm	14 mm	69 mm	690 g
FBH12G1PN1210	M22x1.5	210 mm	1.5 mm	34 mm	37.72 mm	14 mm	69 mm	690 g
FBH10G1PN1260	M22x1.5	260 mm	1.5 mm	32 mm	35.72 mm	14 mm	69 mm	840 g
FBH12G1PN1260	M22x1.5	260 mm	1.5 mm	34 mm	37.72 mm	14 mm	69 mm	840 g
FBH10G1PN2070	M22x2	70 mm	2 mm	32 mm	35.72 mm	14 mm	50 mm	281 g
FBH12G1PN2070	M22x2	70 mm	2 mm	34 mm	37.72 mm	14 mm	50 mm	281 g
FBH10G1PN2100	M22x2	100 mm	2 mm	32 mm	35.72 mm	14 mm	50 mm	370 g
FBH12G1PN2100	M22x2	100 mm	2 mm	34 mm	37.72 mm	14 mm	50 mm	370 g
FBH07G1PN3070	M24x1.5	70 mm	1.5 mm	36 mm	39.98 mm	15 mm	54 mm	356 g
FBH07G1PN3075	M24x1.5	75 mm	1.5 mm	36 mm	39.98 mm	15 mm	54 mm	374 g
FBH07G1PN3080	M24x1.5	80 mm	1.5 mm	36 mm	39.98 mm	15 mm	54 mm	392 g
FBH07G1PN3090	M24x1.5	90 mm	1.5 mm	36 mm	39.98 mm	15 mm	54 mm	428 g
FBH07G1PN3100	M24x1.5	100 mm	1.5 mm	36 mm	39.98 mm	15 mm	54 mm	464 g
FBH07G1PN3110	M24x1.5	110 mm	1.5 mm	36 mm	39.98 mm	15 mm	54 mm	500 g
FBH07G1PN3120	M24x1.5	120 mm	1.5 mm	36 mm	39.98 mm	15 mm	54 mm	535 g
FBH07G1PN3130	M24x1.5	130 mm	1.5 mm	36 mm	39.98 mm	15 mm	60 mm	560 g
FBH07G1PN3140	M24x1.5	140 mm	1.5 mm	36 mm	39.98 mm	15 mm	60 mm	595 g
FBH07G1PN3150	M24x1.5	150 mm	1.5 mm	36 mm	39.98 mm	15 mm	60 mm	630 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH07G1PN3180	M24x1.5	180 mm	1.5 mm	36 mm	39.98 mm	15 mm	60 mm	735 g
FBH07G1PN3250	M24x1.5	250 mm	1.5 mm	36 mm	39.98 mm	15 mm	73 mm	967.5 g
FBH07G1PN3325	M24x1.5	325 mm	1.5 mm	36 mm	39.98 mm	15 mm	73 mm	1211.25 g
FBH07G1PN4060	M24x2	60 mm	2 mm	36 mm	39.98 mm	15 mm	54 mm	320 g
FBH07G1PN4065	M24x2	65 mm	2 mm	36 mm	39.98 mm	15 mm	54 mm	338 g
FBH07G1PN4070	M24x2	70 mm	2 mm	36 mm	39.98 mm	15 mm	54 mm	356 g
FBH07G1PN4075	M24x2	75 mm	2 mm	36 mm	39.98 mm	15 mm	54 mm	374 g
FBH07G1PN4080	M24x2	80 mm	2 mm	36 mm	39.98 mm	15 mm	54 mm	392 g
FBH07G1PN4090	M24x2	90 mm	2 mm	36 mm	39.98 mm	15 mm	54 mm	428 g
FBH07G1PN4100	M24x2	100 mm	2 mm	36 mm	39.98 mm	15 mm	54 mm	464 g
FBH07G1PN4110	M24x2	110 mm	2 mm	36 mm	39.98 mm	15 mm	54 mm	500 g
FBH07G1PN4120	M24x2	120 mm	2 mm	36 mm	39.98 mm	15 mm	54 mm	535 g
FBH07G1PN4130	M24x2	130 mm	2 mm	36 mm	39.98 mm	15 mm	60 mm	560 g
FBH07G1PN4140	M24x2	140 mm	2 mm	36 mm	39.98 mm	15 mm	60 mm	595 g
FBH07G1PN4150	M24x2	150 mm	2 mm	36 mm	39.98 mm	15 mm	60 mm	630 g
FBH07G1PN4160	M24x2	160 mm	2 mm	36 mm	39.98 mm	15 mm	60 mm	665 g
FBH07G1PN4180	M24x2	180 mm	2 mm	36 mm	39.98 mm	15 mm	60 mm	735 g
FBH07G1PN4190	M24x2	190 mm	2 mm	36 mm	39.98 mm	15 mm	60 mm	770 g
FBH07G1PN4200	M24x2	200 mm	2 mm	36 mm	39.98 mm	15 mm	60 mm	805 g
FBH07G1PN4300	M24x2	300 mm	2 mm	36 mm	39.98 mm	15 mm	73 mm	1130 g
FBH07G1PN4320	M24x2	320 mm	2 mm	36 mm	39.98 mm	15 mm	73 mm	1195 g
FBH07G1PN4330	M24x2	330 mm	2 mm	36 mm	39.98 mm	15 mm	73 mm	1227.5 g
FBH07G1PN4360	M24x2	360 mm	2 mm	36 mm	39.98 mm	15 mm	73 mm	1325 g
FBH07G1PN4500	M24x2	500 mm	2 mm	36 mm	39.98 mm	15 mm	73 mm	1780 g
FBH07G1PN5090	M27x2	90 mm	2 mm	41 mm	45.2 mm	17 mm	60 mm	560.77 g
FBH07G1PN5130	M27x2	130 mm	2 mm	41 mm	45.2 mm	17 mm	66 mm	723.66 g
FBH07G1PN6070	M30x2	70 mm	2 mm	46 mm	50.85 mm	18.7 mm	66 mm	604 g
FBH07G1PN6080	M30x2	80 mm	2 mm	46 mm	50.85 mm	18.7 mm	66 mm	658 g
FBH07G1PN6090	M30x2	90 mm	2 mm	46 mm	50.85 mm	18.7 mm	66 mm	712 g
FBH07G1PN6100	M30x2	100 mm	2 mm	46 mm	50.85 mm	18.7 mm	66 mm	767 g
FBH07G1PN6110	M30x2	110 mm	2 mm	46 mm	50.85 mm	18.7 mm	66 mm	823 g
FBH07G1PN6120	M30x2	120 mm	2 mm	46 mm	50.85 mm	18.7 mm	66 mm	880 g
FBH07G1PN6130	M30x2	130 mm	2 mm	46 mm	50.85 mm	18.7 mm	72 mm	920 g
FBH07G1PN6140	M30x2	140 mm	2 mm	46 mm	50.85 mm	18.7 mm	72 mm	975 g
FBH07G1PN6150	M30x2	150 mm	2 mm	46 mm	50.85 mm	18.7 mm	72 mm	1030 g
FBH07G1PN6160	M30x2	160 mm	2 mm	46 mm	50.85 mm	18.7 mm	72 mm	1085 g
FBH07G1PN6170	M30x2	170 mm	2 mm	46 mm	50.85 mm	18.7 mm	72 mm	1140 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH07G1PN6175	M30x2	175 mm	2 mm	46 mm	50.85 mm	18.7 mm	72 mm	1170 g
FBH07G1PN6220	M30x2	220 mm	2 mm	46 mm	50.85 mm	18.7 mm	85 mm	1420 g
FBH07G1PN6300	M30x2	300 mm	2 mm	46 mm	50.85 mm	18.7 mm	85 mm	1860 g
FBH07G1PN6400	M30x2	400 mm	2 mm	46 mm	50.85 mm	18.7 mm	85 mm	2410 g
FBH07G1PN6510	M30x2	510 mm	2 mm	46 mm	50.85 mm	18.7 mm	85 mm	3015 g
FBH07G1PN7095	M30x3	95 mm	3 mm	46 mm	50.85 mm	18.7 mm	66 mm	739 g
FBH07G1PN7100	M30x3	100 mm	3 mm	46 mm	50.85 mm	18.7 mm	66 mm	767 g
FBH07G1PN7110	M30x3	110 mm	3 mm	46 mm	50.85 mm	18.7 mm	66 mm	823 g
FBH07G1PN7120	M30x3	120 mm	3 mm	46 mm	50.85 mm	18.7 mm	66 mm	880 g
FBH07G1PN7125	M30x3	125 mm	3 mm	46 mm	50.85 mm	18.7 mm	66 mm	900 g
FBH07G1PN7130	M30x3	130 mm	3 mm	46 mm	50.85 mm	18.7 mm	72 mm	920 g
FBH07G1PN7160	M30x3	160 mm	3 mm	46 mm	50.85 mm	18.7 mm	72 mm	1085 g
FBH07G1PN7195	M30x3	195 mm	3 mm	46 mm	50.85 mm	18.7 mm	72 mm	1280 g
FBH07G1PN7200	M30x3	200 mm	3 mm	46 mm	50.85 mm	18.7 mm	72 mm	1310 g
FBH07G1PN7220	M30x3	220 mm	3 mm	46 mm	50.85 mm	18.7 mm	85 mm	1420 g
FBH07G1PN7250	M30x3	250 mm	3 mm	46 mm	50.85 mm	18.7 mm	85 mm	1585 g
FBH07G1PN7340	M30x3	340 mm	3 mm	46 mm	50.85 mm	18.7 mm	85 mm	2080 g
FBH07G1PN7400	M30x3	400 mm	3 mm	46 mm	50.85 mm	18.7 mm	85 mm	2410 g
FBH07G1PN7440	M30x3	440 mm	3 mm	46 mm	50.85 mm	18.7 mm	85 mm	2630 g
FBH07G1PQ0205	M32x2	205 mm	2 mm	–	–	–	–	–
FBH07G1PN8115	M33x2	115 mm	2 mm	50 mm	55.37 mm	21 mm	72 mm	1069.4 g
FBH07G1PN8130	M33x2	130 mm	2 mm	50 mm	55.37 mm	21 mm	78 mm	1162.33 g
FBH07G1PN8150	M33x2	150 mm	2 mm	50 mm	55.37 mm	21 mm	78 mm	1286.24 g
FBH07G1PN8300	M33x2	300 mm	2 mm	50 mm	55.37 mm	21 mm	91 mm	2215.57 g
FBH07G1PN9090	M33x3	90 mm	3 mm	50 mm	55.37 mm	21 mm	72 mm	891.88 g
FBH07G1PN9130	M33x3	130 mm	3 mm	50 mm	55.37 mm	21 mm	78 mm	1129.64 g
FBH07G1PN9140	M33x3	140 mm	3 mm	50 mm	55.37 mm	21 mm	78 mm	1189.08 g
FBH07G1PN9150	M33x3	150 mm	3 mm	50 mm	55.37 mm	21 mm	78 mm	1248.52 g
FBH07G1PN9185	M33x3	185 mm	3 mm	50 mm	55.37 mm	21 mm	78 mm	1456.56 g
FBH07G1PN9200	M33x3	200 mm	3 mm	50 mm	55.37 mm	21 mm	78 mm	1545.72 g
FBH07G1PP1080	M36x3	80 mm	3 mm	55 mm	60.79 mm	22.5 mm	78 mm	1000 g
FBH07G1PP1090	M36x3	90 mm	3 mm	55 mm	60.79 mm	22.5 mm	78 mm	1080 g
FBH07G1PP1100	M36x3	100 mm	3 mm	55 mm	60.79 mm	22.5 mm	78 mm	1160 g
FBH07G1PP1110	M36x3	110 mm	3 mm	55 mm	60.79 mm	22.5 mm	78 mm	1240 g
FBH07G1PP1120	M36x3	120 mm	3 mm	55 mm	60.79 mm	22.5 mm	78 mm	1320 g
FBH07G1PP1130	M36x3	130 mm	3 mm	55 mm	60.79 mm	22.5 mm	84 mm	1390 g
FBH07G1PP1140	M36x3	140 mm	3 mm	55 mm	60.79 mm	22.5 mm	84 mm	1470 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH07G1PP1150	M36x3	150 mm	3 mm	55 mm	60.79 mm	22.5 mm	84 mm	1550 g
FBH07G1PP1160	M36x3	160 mm	3 mm	55 mm	60.79 mm	22.5 mm	84 mm	1630 g
FBH07G1PP1210	M36x3	210 mm	3 mm	55 mm	60.79 mm	22.5 mm	97 mm	2030 g
FBH07G1PP1230	M36x3	230 mm	3 mm	55 mm	60.79 mm	22.5 mm	97 mm	2190 g
FBH07G1PP1240	M36x3	240 mm	3 mm	55 mm	60.79 mm	22.5 mm	97 mm	2270 g
FBH07G1PP1300	M36x3	300 mm	3 mm	55 mm	60.79 mm	22.5 mm	97 mm	2750 g
FBH07G1PP1370	M36x3	370 mm	3 mm	55 mm	60.79 mm	22.5 mm	97 mm	3310 g
FBH07G1PP1390	M36x3	390 mm	3 mm	55 mm	60.79 mm	22.5 mm	97 mm	3470 g
FBH07G1PP1420	M36x3	420 mm	3 mm	55 mm	60.79 mm	22.5 mm	97 mm	3710 g
FBH07G1PP1440	M36x3	440 mm	3 mm	55 mm	60.79 mm	22.5 mm	97 mm	3870 g
FBH07G1PP1450	M36x3	450 mm	3 mm	55 mm	60.79 mm	22.5 mm	97 mm	3950 g
FBH07G1PP1460	M36x3	460 mm	3 mm	55 mm	60.79 mm	22.5 mm	97 mm	4030 g
FBH07G1PP1480	M36x3	480 mm	3 mm	55 mm	60.79 mm	22.5 mm	97 mm	4190 g
FBH07G1PP3110	M39x3	110 mm	3 mm	60 mm	66.44 mm	25 mm	84 mm	1542.8 g
FBH07G1PP3120	M39x3	120 mm	3 mm	60 mm	66.44 mm	25 mm	84 mm	1627.43 g
FBH07G1PP3160	M39x3	160 mm	3 mm	60 mm	66.44 mm	25 mm	90 mm	1965.96 g
FBH07G1PP3170	M39x3	170 mm	3 mm	60 mm	66.44 mm	25 mm	90 mm	2050.6 g
FBH07G1PP3180	M39x3	180 mm	3 mm	60 mm	66.44 mm	25 mm	90 mm	2135.23 g
FBH07G1PP3200	M39x3	200 mm	3 mm	60 mm	66.44 mm	25 mm	90 mm	2304.49 g
FBH07G1PP3270	M39x3	270 mm	3 mm	60 mm	66.44 mm	25 mm	103 mm	2896.92 g
FBH07G1PP3420	M39x3	420 mm	3 mm	60 mm	66.44 mm	25 mm	103 mm	4166.4 g
FBH07G1PP3510	M39x3	510 mm	3 mm	60 mm	66.44 mm	25 mm	103 mm	4928.09 g
FBH07G1PP4200	M42x1.5	200 mm	1.5 mm	65 mm	71.3 mm	26 mm	96 mm	2822.12 g
FBH07G1PP5120	M42x3	120 mm	3 mm	65 mm	71.3 mm	26 mm	90 mm	1933.51 g
FBH07G1PP5140	M42x3	140 mm	3 mm	65 mm	71.3 mm	26 mm	96 mm	2131.29 g
FBH07G1PP5150	M42x3	150 mm	3 mm	65 mm	71.3 mm	26 mm	96 mm	2230.18 g
FBH07G1PP5160	M42x3	160 mm	3 mm	65 mm	71.3 mm	26 mm	96 mm	2329.08 g
FBH07G1PP5170	M42x3	170 mm	3 mm	65 mm	71.3 mm	26 mm	96 mm	2427.97 g
FBH07G1PP5180	M42x3	180 mm	3 mm	65 mm	71.3 mm	26 mm	96 mm	2526.86 g
FBH07G1PP5200	M42x3	200 mm	3 mm	65 mm	71.3 mm	26 mm	96 mm	2724.65 g
FBH07G1PP5220	M42x3	220 mm	3 mm	65 mm	71.3 mm	26 mm	109 mm	2922.43 g
FBH07G1PP5250	M42x3	250 mm	3 mm	65 mm	71.3 mm	26 mm	109 mm	3219.11 g
FBH07G1PP5260	M42x3	260 mm	3 mm	65 mm	71.3 mm	26 mm	109 mm	3318.01 g
FBH07G1PP5300	M42x3	300 mm	3 mm	65 mm	71.3 mm	26 mm	109 mm	3713.58 g
FBH07G1PP5380	M42x3	380 mm	3 mm	65 mm	71.3 mm	26 mm	109 mm	4504.72 g
FBH07G1PP5400	M42x3	400 mm	3 mm	65 mm	71.3 mm	26 mm	109 mm	4702.5 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Thread length (b)	Weight
FBH07G1PP5420	M42x3	420 mm	3 mm	65 mm	71.3 mm	26 mm	109 mm	4900.29 g
FBH07G1PP5440	M42x3	440 mm	3 mm	65 mm	71.3 mm	26 mm	109 mm	5098.08 g
FBH07G1PP5470	M42x3	470 mm	3 mm	65 mm	71.3 mm	26 mm	109 mm	5394.75 g
FBH07G1PP5490	M42x3	490 mm	3 mm	65 mm	71.3 mm	26 mm	109 mm	5592.54 g
FBH07G1PP5500	M42x3	500 mm	3 mm	65 mm	71.3 mm	26 mm	109 mm	5691.43 g
FBH07G1PP6140	M45x3	140 mm	3 mm	70 mm	76.95 mm	28 mm	102 mm	2532.41 g
FBH07G1PP7140	M48x3	140 mm	3 mm	75 mm	82.6 mm	30 mm	108 mm	2860 g
FBH07G1PP7155	M48x3	155 mm	3 mm	75 mm	82.6 mm	30 mm	108 mm	3085 g
FBH07G1PP8140	M56x4	140 mm	4 mm	85 mm	93.56 mm	35 mm	124 mm	4180.45 g
FBH07G1PP8180	M56x4	180 mm	4 mm	85 mm	93.56 mm	35 mm	124 mm	4883.69 g
FBH07G1PP8200	M56x4	200 mm	4 mm	85 mm	93.56 mm	35 mm	124 mm	5235.31 g
FBH07G1PP8240	M56x4	240 mm	4 mm	85 mm	93.56 mm	35 mm	137 mm	5938.55 g
FBH07G1PP8320	M56x4	320 mm	4 mm	85 mm	93.56 mm	35 mm	137 mm	7345.02 g
FBH07G1PP8360	M56x4	360 mm	4 mm	85 mm	93.56 mm	35 mm	137 mm	8048.26 g
FBH07G1PP9190	M64x4	190 mm	4 mm	95 mm	104.86 mm	40 mm	140 mm	6870.4 g
FBH07G1PP9360	M64x4	360 mm	4 mm	95 mm	104.86 mm	40 mm	153 mm	10821.75 g

Part numbers: 431

STANDARDS & CERTIFICATES

Standards

DIN 960 – Hex Head Bolt Fine Thread

ISO 8765 – Hex Head Bolt Fine Thread

