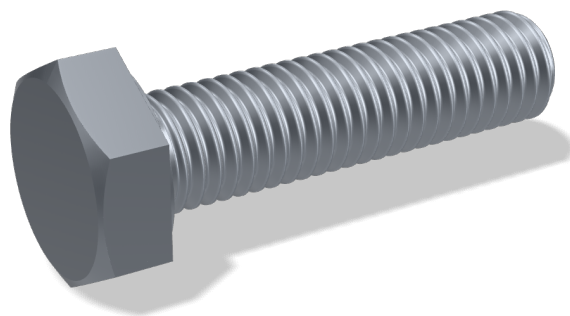


Hex Head Screw DIN 933 / ISO 4017 - Steel 12.9, Plain

Hex Head Screw to DIN 933 / ISO 4017, in the sizes, grades and finishes listed.



TECHNICAL DATA

Dimensions

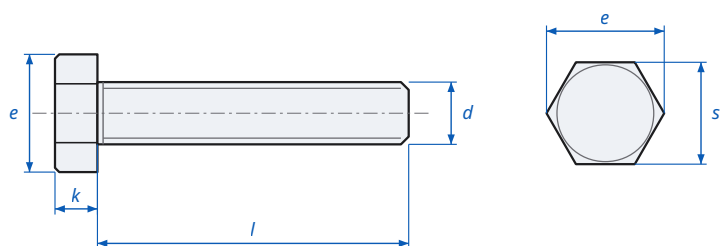
Thread form	Metric ISO thread
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Materials & Finish

Head type	Hexagon
Drive type	External hexagon

Property class / grade	12.9
Material	Steel
Surface finish	Plain

DIMENSIONS



d	Thread diameter
l	Length
k	Head height
s	Width across flats (WAF)
e	Width across corners

Hex Head Screw DIN 933 / ISO 4017 - dimensions

AVAILABLE PART NUMBERS

Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Weight
FBH01G2P05006	M5	6 mm	0.8 mm	8 mm	8.79 mm	3.5 mm	2.18 g
FBH01G2P05008	M5	8 mm	0.8 mm	8 mm	8.79 mm	3.5 mm	2.38 g
FBH01G2P05010	M5	10 mm	0.8 mm	8 mm	8.79 mm	3.5 mm	2.63 g
FBH01G2P05012	M5	12 mm	0.8 mm	8 mm	8.79 mm	3.5 mm	2.87 g
FBH01G2P05016	M5	16 mm	0.8 mm	8 mm	8.79 mm	3.5 mm	3.37 g
FBH01G2P05020	M5	20 mm	0.8 mm	8 mm	8.79 mm	3.5 mm	3.87 g
FBH01G2P06010	M6	10 mm	1 mm	10 mm	11.05 mm	4 mm	4.08 g
FBH01G2P06012	M6	12 mm	1 mm	10 mm	11.05 mm	4 mm	4.42 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Weight
FBH01G2P06016	M6	16 mm	1 mm	10 mm	11.05 mm	4 mm	5.11 g
FBH01G2P06020	M6	20 mm	1 mm	10 mm	11.05 mm	4 mm	5.8 g
FBH01G2P06025	M6	25 mm	1 mm	10 mm	11.05 mm	4 mm	6.65 g
FBH01G2P06030	M6	30 mm	1 mm	10 mm	11.05 mm	4 mm	7.51 g
FBH01G2P08012	M8	12 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	9.8 g
FBH01G2P08016	M8	16 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	11.1 g
FBH01G2P08020	M8	20 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	12.3 g
FBH01G2P08025	M8	25 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	13.9 g
FBH01G2P08030	M8	30 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	15.5 g
FBH01G2P08035	M8	35 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	17.1 g
FBH01G2P08040	M8	40 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	18.7 g
FBH01G2P08045	M8	45 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	20.3 g
FBH01G2P08050	M8	50 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	21.8 g
FBH01G2P08060	M8	60 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	25 g
FBH01G2P08090	M8	90 mm	1.25 mm	13 mm	14.38 mm	5.3 mm	34.6 g
FBH06G2P10016	M10	16 mm	1.5 mm	17 mm	18.9 mm	6.4 mm	19.2 g
FBH03G2P10016	M10	16 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	19.2 g
FBH06G2P10020	M10	20 mm	1.5 mm	17 mm	18.9 mm	6.4 mm	21.2 g
FBH03G2P10020	M10	20 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	21.2 g
FBH06G2P10025	M10	25 mm	1.5 mm	17 mm	18.9 mm	6.4 mm	23.7 g
FBH03G2P10025	M10	25 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	23.7 g
FBH06G2P10030	M10	30 mm	1.5 mm	17 mm	18.9 mm	6.4 mm	26.2 g
FBH03G2P10030	M10	30 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	26.2 g
FBH06G2P10035	M10	35 mm	1.5 mm	17 mm	18.9 mm	6.4 mm	28.7 g
FBH03G2P10035	M10	35 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	28.7 g
FBH06G2P10040	M10	40 mm	1.5 mm	17 mm	18.9 mm	6.4 mm	31.2 g
FBH03G2P10040	M10	40 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	31.2 g
FBH06G2P10045	M10	45 mm	1.5 mm	17 mm	18.9 mm	6.4 mm	33.7 g
FBH03G2P10045	M10	45 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	33.7 g
FBH06G2P10050	M10	50 mm	1.5 mm	17 mm	18.9 mm	6.4 mm	36.2 g
FBH03G2P10050	M10	50 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	36.2 g
FBH06G2P10055	M10	55 mm	1.5 mm	17 mm	18.9 mm	6.4 mm	38.7 g
FBH03G2P10055	M10	55 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	38.7 g
FBH06G2P10060	M10	60 mm	1.5 mm	17 mm	18.9 mm	6.4 mm	41.3 g
FBH03G2P10060	M10	60 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	41.3 g
FBH06G2P10070	M10	70 mm	1.5 mm	17 mm	18.9 mm	6.4 mm	46.3 g
FBH03G2P10070	M10	70 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	46.3 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Weight
FBH06G2P10080	M10	80 mm	1.5 mm	17 mm	18.9 mm	6.4 mm	51.3 g
FBH03G2P10080	M10	80 mm	1.5 mm	16 mm	17.77 mm	6.4 mm	51.3 g
FBH06G2P12020	M12	20 mm	1.75 mm	19 mm	21.1 mm	7.5 mm	31 g
FBH03G2P12020	M12	20 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	31 g
FBH06G2P12025	M12	25 mm	1.75 mm	19 mm	21.1 mm	7.5 mm	34.1 g
FBH03G2P12025	M12	25 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	34.1 g
FBH06G2P12030	M12	30 mm	1.75 mm	19 mm	21.1 mm	7.5 mm	37.7 g
FBH03G2P12030	M12	30 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	37.7 g
FBH06G2P12035	M12	35 mm	1.75 mm	19 mm	21.1 mm	7.5 mm	41.3 g
FBH03G2P12035	M12	35 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	41.3 g
FBH06G2P12040	M12	40 mm	1.75 mm	19 mm	21.1 mm	7.5 mm	44.9 g
FBH03G2P12040	M12	40 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	44.9 g
FBH06G2P12045	M12	45 mm	1.75 mm	19 mm	21.1 mm	7.5 mm	48.5 g
FBH03G2P12045	M12	45 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	48.5 g
FBH06G2P12050	M12	50 mm	1.75 mm	19 mm	21.1 mm	7.5 mm	52 g
FBH03G2P12050	M12	50 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	52 g
FBH06G2P12055	M12	55 mm	1.75 mm	19 mm	21.1 mm	7.5 mm	55.6 g
FBH03G2P12055	M12	55 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	55.6 g
FBH06G2P12060	M12	60 mm	1.75 mm	19 mm	21.1 mm	7.5 mm	58.2 g
FBH03G2P12060	M12	60 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	58.2 g
FBH06G2P12070	M12	70 mm	1.75 mm	19 mm	21.1 mm	7.5 mm	66.4 g
FBH03G2P12070	M12	70 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	66.4 g
FBH06G2P12080	M12	80 mm	1.75 mm	19 mm	21.1 mm	7.5 mm	73.6 g
FBH03G2P12080	M12	80 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	73.6 g
FBH06G2P12090	M12	90 mm	1.75 mm	19 mm	21.1 mm	7.5 mm	80.8 g
FBH03G2P12090	M12	90 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	80.8 g
FBH06G2P12100	M12	100 mm	1.75 mm	19 mm	21.1 mm	7.5 mm	88 g
FBH03G2P12100	M12	100 mm	1.75 mm	18 mm	20.03 mm	7.5 mm	88 g
FBH06G2P14030	M14	30 mm	2 mm	22 mm	24.49 mm	8.8 mm	57.9 g
FBH03G2P14030	M14	30 mm	2 mm	21 mm	23.36 mm	8.8 mm	57.9 g
FBH06G2P14035	M14	35 mm	2 mm	22 mm	24.49 mm	8.8 mm	62.9 g
FBH03G2P14035	M14	35 mm	2 mm	21 mm	23.36 mm	8.8 mm	62.9 g
FBH06G2P14040	M14	40 mm	2 mm	22 mm	24.49 mm	8.8 mm	67.9 g
FBH03G2P14040	M14	40 mm	2 mm	21 mm	23.36 mm	8.8 mm	67.9 g
FBH06G2P14045	M14	45 mm	2 mm	22 mm	24.49 mm	8.8 mm	72.9 g
FBH03G2P14045	M14	45 mm	2 mm	21 mm	23.36 mm	8.8 mm	72.9 g
FBH06G2P14050	M14	50 mm	2 mm	22 mm	24.49 mm	8.8 mm	77.9 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Weight
FBH03G2P14050	M14	50 mm	2 mm	21 mm	23.36 mm	8.8 mm	77.9 g
FBH06G2P14060	M14	60 mm	2 mm	22 mm	24.49 mm	8.8 mm	87.8 g
FBH03G2P14060	M14	60 mm	2 mm	21 mm	23.36 mm	8.8 mm	87.8 g
FBH01G2P16030	M16	30 mm	2 mm	24 mm	26.75 mm	10 mm	76.9 g
FBH01G2P16035	M16	35 mm	2 mm	24 mm	26.75 mm	10 mm	83.5 g
FBH01G2P16040	M16	40 mm	2 mm	24 mm	26.75 mm	10 mm	90.2 g
FBH01G2P16045	M16	45 mm	2 mm	24 mm	26.75 mm	10 mm	97.1 g
FBH01G2P16050	M16	50 mm	2 mm	24 mm	26.75 mm	10 mm	103 g
FBH01G2P16055	M16	55 mm	2 mm	24 mm	26.75 mm	10 mm	110 g
FBH01G2P16060	M16	60 mm	2 mm	24 mm	26.75 mm	10 mm	117 g
FBH01G2P16065	M16	65 mm	2 mm	24 mm	26.75 mm	10 mm	123 g
FBH01G2P16070	M16	70 mm	2 mm	24 mm	26.75 mm	10 mm	130 g
FBH01G2P16075	M16	75 mm	2 mm	24 mm	26.75 mm	10 mm	137 g
FBH01G2P16080	M16	80 mm	2 mm	24 mm	26.75 mm	10 mm	144 g
FBH01G2P16090	M16	90 mm	2 mm	24 mm	26.75 mm	10 mm	157 g
FBH01G2P16100	M16	100 mm	2 mm	24 mm	26.75 mm	10 mm	170 g
FBH01G2P18060	M18	60 mm	2.5 mm	27 mm	30.14 mm	11.5 mm	153 g
FBH01G2P20040	M20	40 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	155 g
FBH01G2P20045	M20	45 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	165 g
FBH01G2P20050	M20	50 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	176 g
FBH01G2P20055	M20	55 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	186 g
FBH01G2P20060	M20	60 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	196 g
FBH01G2P20065	M20	65 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	207 g
FBH01G2P20070	M20	70 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	217 g
FBH01G2P20080	M20	80 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	238 g
FBH01G2P20090	M20	90 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	258 g
FBH01G2P20100	M20	100 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	279 g
FBH01G2P20110	M20	110 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	300 g
FBH01G2P20120	M20	120 mm	2.5 mm	30 mm	33.53 mm	12.5 mm	320 g
FBH01G2P24050	M24	50 mm	3 mm	36 mm	39.98 mm	15 mm	274 g
FBH01G2P24055	M24	55 mm	3 mm	36 mm	39.98 mm	15 mm	289 g
FBH01G2P24060	M24	60 mm	3 mm	36 mm	39.98 mm	15 mm	304 g
FBH01G2P24065	M24	65 mm	3 mm	36 mm	39.98 mm	15 mm	319 g
FBH01G2P24070	M24	70 mm	3 mm	36 mm	39.98 mm	15 mm	334 g
FBH01G2P24080	M24	80 mm	3 mm	36 mm	39.98 mm	15 mm	363 g
FBH01G2P24090	M24	90 mm	3 mm	36 mm	39.98 mm	15 mm	393 g
FBH01G2P24100	M24	100 mm	3 mm	36 mm	39.98 mm	15 mm	423 g



Part number	Size (d)	Length (l)	Thread pitch	Width across flats (s)	Width across corners (e)	Head height (k)	Weight
FBH01G2P24110	M24	110 mm	3 mm	36 mm	39.98 mm	15 mm	453 g
FBH01G2P24120	M24	120 mm	3 mm	36 mm	39.98 mm	15 mm	483 g
FBH01G2P24130	M24	130 mm	3 mm	36 mm	39.98 mm	15 mm	513 g
FBH01G2P24140	M24	140 mm	3 mm	36 mm	39.98 mm	15 mm	543 g
FBH01G2P30060	M30	60 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	543 g
FBH01G2P30070	M30	70 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	590 g
FBH01G2P30080	M30	80 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	637 g
FBH01G2P30090	M30	90 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	685 g
FBH01G2P30100	M30	100 mm	3.5 mm	46 mm	50.85 mm	18.7 mm	732 g
FBH01G2P42100	M42	100 mm	4.5 mm	65 mm	71.3 mm	26 mm	1688.16 g
FBH01G2P45170	M45	170 mm	4.5 mm	70 mm	76.95 mm	28 mm	2788.21 g
FBH01G2P48140	M48	140 mm	5 mm	75 mm	82.6 mm	30 mm	2820 g

Part numbers: 131

STANDARDS & CERTIFICATES

Standards

DIN 933 – Hex Head Screw

ISO 4017 – Hex Head Screw

