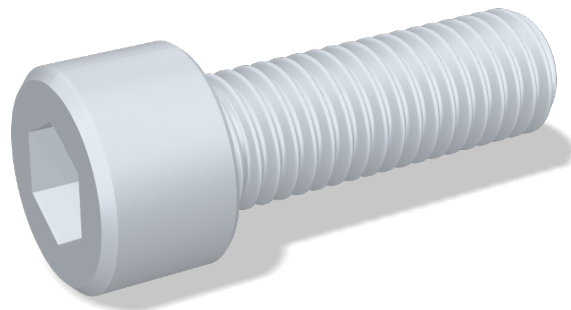


Hex Socket Head Cap Screw DIN 912 / ISO 4762 / ISO 12474 - Steel 10.9, Zinc flake with lubricant

Hex Socket Head Cap Screw to DIN 912 / ISO 4762 / ISO 12474, in the sizes, grades and finishes listed.



TECHNICAL DATA

General

Standard	DIN 912 / ISO 4762
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Dimensions

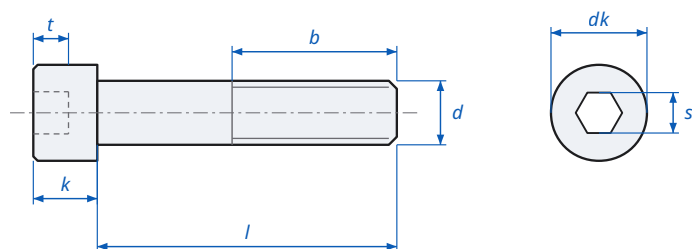
Thread form	Metric ISO thread
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Materials & Finish

Head type	Socket cap
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Drive type	Hexagon socket
Property class / grade	10.9
Material	Steel
Surface finish	Zinc flake with lubricant

DIMENSIONS



d	Thread diameter
l	Length
b	Thread length
k	Head height
dk	Head diameter
s	Hex key size
t	Socket depth

Hex Socket Head Cap Screw DIN 912 / ISO 4762 / ISO 12474 - dimensions

AVAILABLE PART NUMBERS

Part number	Size (d)	Length (l)	Thread pitch	Hex key size (s)	Head height (k)	Head diameter (dk)	Thread length (b)	Socket depth (t)	Weight
FBS01G1L04035	M4	35 mm	0.7 mm	3 mm	4 mm	7 mm	20 mm	2 mm	4.2 g
FBS01G1L05030	M5	30 mm	0.8 mm	4 mm	5 mm	8.5 mm	22 mm	2.5 mm	5.6 g
FBS01G1L05035	M5	35 mm	0.8 mm	4 mm	5 mm	8.5 mm	22 mm	2.5 mm	6.3 g
FBS01G1L05040	M5	40 mm	0.8 mm	4 mm	5 mm	8.5 mm	22 mm	2.5 mm	7.1 g
FBS01G1L05045	M5	45 mm	0.8 mm	4 mm	5 mm	8.5 mm	22 mm	2.5 mm	7.9 g



Part number	Size (d)	Length (l)	Thread pitch	Hex key size (s)	Head height (k)	Head diameter (dk)	Thread length (b)	Socket depth (t)	Weight
FBS01G1L06012	M6	12 mm	1 mm	5 mm	6 mm	10 mm	12 mm	3 mm	5.1 g
FBS01G1L06014	M6	14 mm	1 mm	5 mm	6 mm	10 mm	14 mm	3 mm	5.45 g
FBS01G1L06016	M6	16 mm	1 mm	5 mm	6 mm	10 mm	16 mm	3 mm	5.8 g
FBS01G1L06018	M6	18 mm	1 mm	5 mm	6 mm	10 mm	18 mm	3 mm	6.15 g
FBS01G1L06020	M6	20 mm	1 mm	5 mm	6 mm	10 mm	20 mm	3 mm	6.5 g
FBS01G1L06022	M6	22 mm	1 mm	5 mm	6 mm	10 mm	22 mm	3 mm	6.94 g
FBS01G1L06025	M6	25 mm	1 mm	5 mm	6 mm	10 mm	24 mm	3 mm	7.6 g
FBS01G1L06030	M6	30 mm	1 mm	5 mm	6 mm	10 mm	24 mm	3 mm	8.3 g
FBS01G1L06035	M6	35 mm	1 mm	5 mm	6 mm	10 mm	24 mm	3 mm	9.9 g
FBS01G1L06040	M6	40 mm	1 mm	5 mm	6 mm	10 mm	24 mm	3 mm	11 g
FBS01G1L06045	M6	45 mm	1 mm	5 mm	6 mm	10 mm	24 mm	3 mm	12.1 g
FBS01G1L06050	M6	50 mm	1 mm	5 mm	6 mm	10 mm	24 mm	3 mm	13.2 g
FBS01G1L06055	M6	55 mm	1 mm	5 mm	6 mm	10 mm	24 mm	3 mm	14.3 g
FBS01G1L06060	M6	60 mm	1 mm	5 mm	6 mm	10 mm	24 mm	3 mm	15.4 g
FBS01G1L06065	M6	65 mm	1 mm	5 mm	6 mm	10 mm	24 mm	3 mm	16.5 g
FBS01G1L06070	M6	70 mm	1 mm	5 mm	6 mm	10 mm	24 mm	3 mm	17.6 g
FBS01G1L06075	M6	75 mm	1 mm	5 mm	6 mm	10 mm	24 mm	3 mm	18.7 g
FBS01G1L06080	M6	80 mm	1 mm	5 mm	6 mm	10 mm	24 mm	3 mm	19.8 g
FBS01G1L08016	M8	16 mm	1.25 mm	6 mm	8 mm	13 mm	16 mm	4 mm	12.1 g
FBS01G1L08020	M8	20 mm	1.25 mm	6 mm	8 mm	13 mm	20 mm	4 mm	13.4 g
FBS01G1L08025	M8	25 mm	1.25 mm	6 mm	8 mm	13 mm	25 mm	4 mm	15 g
FBS01G1L08030	M8	30 mm	1.25 mm	6 mm	8 mm	13 mm	28 mm	4 mm	16.9 g
FBS01G1L08035	M8	35 mm	1.25 mm	6 mm	8 mm	13 mm	28 mm	4 mm	18.9 g
FBS01G1L08040	M8	40 mm	1.25 mm	6 mm	8 mm	13 mm	28 mm	4 mm	20.9 g
FBS01G1L08045	M8	45 mm	1.25 mm	6 mm	8 mm	13 mm	28 mm	4 mm	22.9 g
FBS01G1L08050	M8	50 mm	1.25 mm	6 mm	8 mm	13 mm	28 mm	4 mm	24.9 g
FBS01G1L08055	M8	55 mm	1.25 mm	6 mm	8 mm	13 mm	28 mm	4 mm	26.9 g
FBS01G1L08060	M8	60 mm	1.25 mm	6 mm	8 mm	13 mm	28 mm	4 mm	28.9 g
FBS01G1L08065	M8	65 mm	1.25 mm	6 mm	8 mm	13 mm	28 mm	4 mm	31 g
FBS01G1L08070	M8	70 mm	1.25 mm	6 mm	8 mm	13 mm	28 mm	4 mm	33 g
FBS01G1L08075	M8	75 mm	1.25 mm	6 mm	8 mm	13 mm	28 mm	4 mm	35 g
FBS01G1L08080	M8	80 mm	1.25 mm	6 mm	8 mm	13 mm	28 mm	4 mm	37 g
FBS01G1L08090	M8	90 mm	1.25 mm	6 mm	8 mm	13 mm	28 mm	4 mm	41 g
FBS01G1L10020	M10	20 mm	1.5 mm	8 mm	10 mm	16 mm	20 mm	5 mm	22.9 g
FBS01G1L10025	M10	25 mm	1.5 mm	8 mm	10 mm	16 mm	25 mm	5 mm	25.4 g
FBS01G1L10030	M10	30 mm	1.5 mm	8 mm	10 mm	16 mm	30 mm	5 mm	27.9 g
FBS01G1L10035	M10	35 mm	1.5 mm	8 mm	10 mm	16 mm	32 mm	5 mm	30.4 g



Part number	Size (d)	Length (l)	Thread pitch	Hex key size (s)	Head height (k)	Head diameter (dk)	Thread length (b)	Socket depth (t)	Weight
FBS01G1L10040	M10	40 mm	1.5 mm	8 mm	10 mm	16 mm	32 mm	5 mm	32.9 g
FBS01G1L10045	M10	45 mm	1.5 mm	8 mm	10 mm	16 mm	32 mm	5 mm	36.1 g
FBS01G1L10050	M10	50 mm	1.5 mm	8 mm	10 mm	16 mm	32 mm	5 mm	39.3 g
FBS01G1L10055	M10	55 mm	1.5 mm	8 mm	10 mm	16 mm	32 mm	5 mm	42.5 g
FBS01G1L10060	M10	60 mm	1.5 mm	8 mm	10 mm	16 mm	32 mm	5 mm	45.7 g
FBS01G1L10065	M10	65 mm	1.5 mm	8 mm	10 mm	16 mm	32 mm	5 mm	48.9 g
FBS01G1L10070	M10	70 mm	1.5 mm	8 mm	10 mm	16 mm	32 mm	5 mm	52.1 g
FBS01G1L10075	M10	75 mm	1.5 mm	8 mm	10 mm	16 mm	32 mm	5 mm	55.3 g
FBS01G1L10080	M10	80 mm	1.5 mm	8 mm	10 mm	16 mm	32 mm	5 mm	58.5 g
FBS01G1L10090	M10	90 mm	1.5 mm	8 mm	10 mm	16 mm	32 mm	5 mm	64.9 g
FBS01G1L10100	M10	100 mm	1.5 mm	8 mm	10 mm	16 mm	32 mm	5 mm	71.2 g
FBS01G1L12020	M12	20 mm	1.75 mm	10 mm	12 mm	18 mm	20 mm	6 mm	32.1 g
FBS01G1L12025	M12	25 mm	1.75 mm	10 mm	12 mm	18 mm	25 mm	6 mm	35.7 g
FBS01G1L12030	M12	30 mm	1.75 mm	10 mm	12 mm	18 mm	30 mm	6 mm	39.3 g
FBS01G1L12035	M12	35 mm	1.75 mm	10 mm	12 mm	18 mm	35 mm	6 mm	42.9 g
FBS01G1L12040	M12	40 mm	1.75 mm	10 mm	12 mm	18 mm	36 mm	6 mm	46.5 g
FBS01G1L12045	M12	45 mm	1.75 mm	10 mm	12 mm	18 mm	36 mm	6 mm	50.1 g
FBS01G1L12050	M12	50 mm	1.75 mm	10 mm	12 mm	18 mm	36 mm	6 mm	54.5 g
FBS01G1L12055	M12	55 mm	1.75 mm	10 mm	12 mm	18 mm	36 mm	6 mm	58.9 g
FBS01G1L12060	M12	60 mm	1.75 mm	10 mm	12 mm	18 mm	36 mm	6 mm	63.4 g
FBS01G1L12065	M12	65 mm	1.75 mm	10 mm	12 mm	18 mm	36 mm	6 mm	67.8 g
FBS01G1L12070	M12	70 mm	1.75 mm	10 mm	12 mm	18 mm	36 mm	6 mm	71.3 g
FBS01G1L12075	M12	75 mm	1.75 mm	10 mm	12 mm	18 mm	36 mm	6 mm	75.75 g
FBS01G1L12080	M12	80 mm	1.75 mm	10 mm	12 mm	18 mm	36 mm	6 mm	80.2 g
FBS01G1L12090	M12	90 mm	1.75 mm	10 mm	12 mm	18 mm	36 mm	6 mm	89.1 g
FBS01G1L12100	M12	100 mm	1.75 mm	10 mm	12 mm	18 mm	36 mm	6 mm	98 g
FBS01G1L12110	M12	110 mm	1.75 mm	10 mm	12 mm	18 mm	36 mm	6 mm	107 g
FBS01G1L12140	M12	140 mm	1.75 mm	10 mm	12 mm	18 mm	36 mm	6 mm	134 g
FBS01G1L14060	M14	60 mm	2 mm	12 mm	14 mm	21 mm	40 mm	7 mm	84 g
FBS01G1L14070	M14	70 mm	2 mm	12 mm	14 mm	21 mm	40 mm	7 mm	96 g
FBS01G1L16030	M16	30 mm	2 mm	14 mm	16 mm	24 mm	30 mm	8 mm	77.8 g
FBS01G1L16035	M16	35 mm	2 mm	14 mm	16 mm	24 mm	35 mm	8 mm	84.4 g
FBS01G1L16040	M16	40 mm	2 mm	14 mm	16 mm	24 mm	40 mm	8 mm	91 g
FBS01G1L16045	M16	45 mm	2 mm	14 mm	16 mm	24 mm	44 mm	8 mm	97.6 g
FBS01G1L16050	M16	50 mm	2 mm	14 mm	16 mm	24 mm	44 mm	8 mm	106 g
FBS01G1L16055	M16	55 mm	2 mm	14 mm	16 mm	24 mm	44 mm	8 mm	114 g
FBS01G1L16060	M16	60 mm	2 mm	14 mm	16 mm	24 mm	44 mm	8 mm	122 g



Part number	Size (d)	Length (l)	Thread pitch	Hex key size (s)	Head height (k)	Head diameter (dk)	Thread length (b)	Socket depth (t)	Weight
FBS01G1L16065	M16	65 mm	2 mm	14 mm	16 mm	24 mm	44 mm	8 mm	130 g
FBS01G1L16070	M16	70 mm	2 mm	14 mm	16 mm	24 mm	44 mm	8 mm	138 g
FBS01G1L16075	M16	75 mm	2 mm	14 mm	16 mm	24 mm	44 mm	8 mm	146 g
FBS01G1L16080	M16	80 mm	2 mm	14 mm	16 mm	24 mm	44 mm	8 mm	154 g
FBS01G1L16090	M16	90 mm	2 mm	14 mm	16 mm	24 mm	44 mm	8 mm	170 g
FBS01G1L16100	M16	100 mm	2 mm	14 mm	16 mm	24 mm	44 mm	8 mm	186 g
FBS01G1L16110	M16	110 mm	2 mm	14 mm	16 mm	24 mm	44 mm	8 mm	202 g
FBS01G1L16120	M16	120 mm	2 mm	14 mm	16 mm	24 mm	44 mm	8 mm	218 g
FBS01G1L16180	M16	180 mm	2 mm	14 mm	16 mm	24 mm	44 mm	8 mm	314 g
FBS01G1L16200	M16	200 mm	2 mm	14 mm	16 mm	24 mm	44 mm	8 mm	346 g
FBS01G1L20045	M20	45 mm	2.5 mm	17 mm	20 mm	30 mm	45 mm	10 mm	161 g
FBS01G1L20055	M20	55 mm	2.5 mm	17 mm	20 mm	30 mm	52 mm	10 mm	183 g
FBS01G1L20060	M20	60 mm	2.5 mm	17 mm	20 mm	30 mm	52 mm	10 mm	194 g
FBS01G1L20065	M20	65 mm	2.5 mm	17 mm	20 mm	30 mm	52 mm	10 mm	205 g
FBS01G1L20070	M20	70 mm	2.5 mm	17 mm	20 mm	30 mm	52 mm	10 mm	216 g
FBS01G1L20075	M20	75 mm	2.5 mm	17 mm	20 mm	30 mm	52 mm	10 mm	228.5 g
FBS01G1L20080	M20	80 mm	2.5 mm	17 mm	20 mm	30 mm	52 mm	10 mm	241 g
FBS01G1L20090	M20	90 mm	2.5 mm	17 mm	20 mm	30 mm	52 mm	10 mm	266 g
FBS01G1L20100	M20	100 mm	2.5 mm	17 mm	20 mm	30 mm	52 mm	10 mm	291 g
FBS01G1L20110	M20	110 mm	2.5 mm	17 mm	20 mm	30 mm	52 mm	10 mm	316 g
FBS01G1L20120	M20	120 mm	2.5 mm	17 mm	20 mm	30 mm	52 mm	10 mm	341 g
FBS01G1L20130	M20	130 mm	2.5 mm	17 mm	20 mm	30 mm	52 mm	10 mm	366 g
FBS01G1L20140	M20	140 mm	2.5 mm	17 mm	20 mm	30 mm	52 mm	10 mm	391 g
FBS01G1L20150	M20	150 mm	2.5 mm	17 mm	20 mm	30 mm	52 mm	10 mm	416 g
FBS01G1L20160	M20	160 mm	2.5 mm	17 mm	20 mm	30 mm	52 mm	10 mm	441 g
FBS01G1L20170	M20	170 mm	2.5 mm	17 mm	20 mm	30 mm	52 mm	10 mm	466 g
FBS01G1L20180	M20	180 mm	2.5 mm	17 mm	20 mm	30 mm	52 mm	10 mm	491 g
FBS01G1L24080	M24	80 mm	3 mm	19 mm	24 mm	36 mm	60 mm	12 mm	399 g
FBS01G1L24090	M24	90 mm	3 mm	19 mm	24 mm	36 mm	60 mm	12 mm	435 g
FBS01G1L24100	M24	100 mm	3 mm	19 mm	24 mm	36 mm	60 mm	12 mm	471 g
FBS01G1L24110	M24	110 mm	3 mm	19 mm	24 mm	36 mm	60 mm	12 mm	507 g
FBS01G1L24120	M24	120 mm	3 mm	19 mm	24 mm	36 mm	60 mm	12 mm	543 g
FBS01G1L24130	M24	130 mm	3 mm	19 mm	24 mm	36 mm	60 mm	12 mm	579 g
FBS01G1L24140	M24	140 mm	3 mm	19 mm	24 mm	36 mm	60 mm	12 mm	615 g
FBS01G1L24150	M24	150 mm	3 mm	19 mm	24 mm	36 mm	60 mm	12 mm	651 g
FBS01G1L24160	M24	160 mm	3 mm	19 mm	24 mm	36 mm	60 mm	12 mm	687 g



Part number	Size (d)	Length (l)	Thread pitch	Hex key size (s)	Head height (k)	Head diameter (dk)	Thread length (b)	Socket depth (t)	Weight
FBS01G1L24170	M24	170 mm	3 mm	19 mm	24 mm	36 mm	60 mm	12 mm	723 g
FBS01G1L24180	M24	180 mm	3 mm	19 mm	24 mm	36 mm	60 mm	12 mm	759 g
FBS01G1L24300	M24	300 mm	3 mm	19 mm	24 mm	36 mm	60 mm	12 mm	1191 g

Part numbers: 118

STANDARDS & CERTIFICATES

Standards

DIN 912 – Hex Socket Head Cap Screw

ISO 4762 – Hex Socket Head Cap Screw

ISO 12474 – Hex Socket Head Cap Screw Fine Thread

