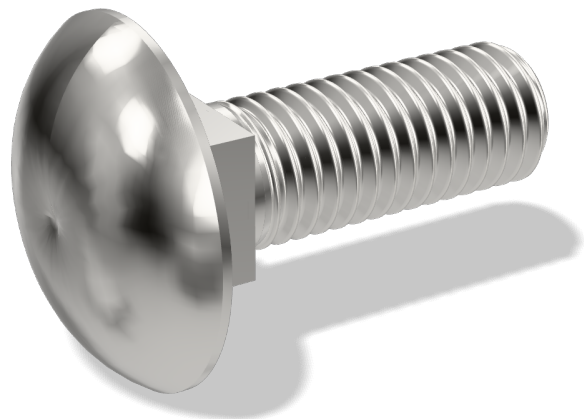


Mushroom Head Square Neck Bolt (Carriage Bolt) DIN 603 - Stainless steel A2, Plain

Mushroom Head Square Neck Bolt (Carriage Bolt) to DIN 603, in the sizes, grades and finishes listed.



TECHNICAL DATA

General

Standard	DIN 603
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Dimensions

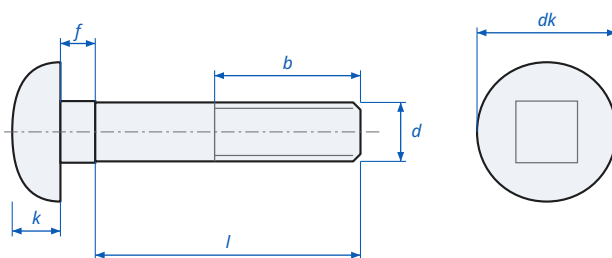
Thread form	Metric ISO thread
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Materials & Finish

Head type	Round (mushroom)
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Drive type	No drive
Property class / grade	A2 stainless
Material	Stainless steel
Surface finish	Plain

DIMENSIONS



d	Thread diameter
l	Length
b	Thread length
k	Head height
dk	Head diameter
f	Square neck length

Mushroom Head Square Neck Bolt (Carriage Bolt) DIN 603 - dimensions

AVAILABLE PART NUMBERS

Part number	Size (d)	Length (l)	Thread pitch	Head height (k)	Head diameter (dk)	Thread length (b)	Weight
FBM01A2P05012	M5	12 mm	0.8 mm	3.3 mm	13.55 mm	16 mm	4.576 g
FBM01A2P05016	M5	16 mm	0.8 mm	3.3 mm	13.55 mm	16 mm	5.076 g
FBM01A2P05018	M5	18 mm	0.8 mm	3.3 mm	13.55 mm	16 mm	5.326 g



Part number	Size (d)	Length (l)	Thread pitch	Head height (k)	Head diameter (dk)	Thread length (b)	Weight
FBM01A2P05020	M5	20 mm	0.8 mm	3.3 mm	13.55 mm	16 mm	5.576 g
FBM01A2P05025	M5	25 mm	0.8 mm	3.3 mm	13.55 mm	16 mm	6.2 g
FBM01A2P05030	M5	30 mm	0.8 mm	3.3 mm	13.55 mm	16 mm	6.826 g
FBM01A2P05035	M5	35 mm	0.8 mm	3.3 mm	13.55 mm	16 mm	7.451 g
FBM01A2P05040	M5	40 mm	0.8 mm	3.3 mm	13.55 mm	16 mm	8.076 g
FBM01A2P05045	M5	45 mm	0.8 mm	3.3 mm	13.55 mm	16 mm	8.7 g
FBM01A2P05050	M5	50 mm	0.8 mm	3.3 mm	13.55 mm	16 mm	9.325 g
FBM01A2P05055	M5	55 mm	0.8 mm	3.3 mm	13.55 mm	16 mm	9.951 g
FBM01A2P05060	M5	60 mm	0.8 mm	3.3 mm	13.55 mm	16 mm	10.575 g
FBM01A2P05065	M5	65 mm	0.8 mm	3.3 mm	13.55 mm	16 mm	11.201 g
FBM01A2P05070	M5	70 mm	0.8 mm	3.3 mm	13.55 mm	16 mm	11.827 g
FBM01A2P05075	M5	75 mm	0.8 mm	3.3 mm	13.55 mm	16 mm	12.453 g
FBM01A2P05080	M5	80 mm	0.8 mm	3.3 mm	13.55 mm	16 mm	13.079 g
FBM01A2P05090	M5	90 mm	0.8 mm	3.3 mm	13.55 mm	16 mm	14.322 g
FBM01A2P05100	M5	100 mm	0.8 mm	3.3 mm	13.55 mm	16 mm	15.574 g
FBM01A2P05110	M5	110 mm	0.8 mm	3.3 mm	13.55 mm	16 mm	16.827 g
FBM01A2P05120	M5	120 mm	0.8 mm	3.3 mm	13.55 mm	16 mm	18.069 g
FBM01A2P06012	M6	12 mm	1 mm	3.88 mm	16.55 mm	18 mm	7.422 g
FBM01A2P06016	M6	16 mm	1 mm	3.88 mm	16.55 mm	18 mm	8.136 g
FBM01A2P06020	M6	20 mm	1 mm	3.88 mm	16.55 mm	18 mm	8.849 g
FBM01A2P06025	M6	25 mm	1 mm	3.88 mm	16.55 mm	18 mm	9.739 g
FBM01A2P06030	M6	30 mm	1 mm	3.88 mm	16.55 mm	18 mm	10.635 g
FBM01A2P06035	M6	35 mm	1 mm	3.88 mm	16.55 mm	18 mm	11.524 g
FBM01A2P06040	M6	40 mm	1 mm	3.88 mm	16.55 mm	18 mm	12.413 g
FBM01A2P06045	M6	45 mm	1 mm	3.88 mm	16.55 mm	18 mm	13.302 g
FBM01A2P06050	M6	50 mm	1 mm	3.88 mm	16.55 mm	18 mm	14.191 g
FBM01A2P06055	M6	55 mm	1 mm	3.88 mm	16.55 mm	18 mm	15.089 g
FBM01A2P06060	M6	60 mm	1 mm	3.88 mm	16.55 mm	18 mm	15.978 g
FBM01A2P06065	M6	65 mm	1 mm	3.88 mm	16.55 mm	18 mm	16.867 g
FBM01A2P06070	M6	70 mm	1 mm	3.88 mm	16.55 mm	18 mm	17.756 g
FBM01A2P06075	M6	75 mm	1 mm	3.88 mm	16.55 mm	18 mm	18.655 g
FBM01A2P06080	M6	80 mm	1 mm	3.88 mm	16.55 mm	18 mm	19.544 g
FBM01A2P06090	M6	90 mm	1 mm	3.88 mm	16.55 mm	18 mm	21.321 g
FBM01A2P06100	M6	100 mm	1 mm	3.88 mm	16.55 mm	18 mm	23.109 g
FBM01A2P06110	M6	110 mm	1 mm	3.88 mm	16.55 mm	18 mm	24.886 g
FBM01A2P06120	M6	120 mm	1 mm	3.88 mm	16.55 mm	18 mm	26.674 g
FBM01A2P06130	M6	130 mm	1 mm	3.88 mm	16.55 mm	24 mm	28.452 g



Part number	Size (d)	Length (l)	Thread pitch	Head height (k)	Head diameter (dk)	Thread length (b)	Weight
FBM01A2P06140	M6	140 mm	1 mm	3.88 mm	16.55 mm	24 mm	30.239 g
FBM01A2P06150	M6	150 mm	1 mm	3.88 mm	16.55 mm	24 mm	32.017 g
FBM01A2P08012	M8	12 mm	1.25 mm	4.88 mm	20.65 mm	22 mm	14.473 g
FBM01A2P08016	M8	16 mm	1.25 mm	4.88 mm	20.65 mm	22 mm	15.766 g
FBM01A2P08018	M8	18 mm	1.25 mm	4.88 mm	20.65 mm	22 mm	16.402 g
FBM01A2P08020	M8	20 mm	1.25 mm	4.88 mm	20.65 mm	22 mm	17.049 g
FBM01A2P08025	M8	25 mm	1.25 mm	4.88 mm	20.65 mm	22 mm	18.655 g
FBM01A2P08030	M8	30 mm	1.25 mm	4.88 mm	20.65 mm	22 mm	20.271 g
FBM01A2P08035	M8	35 mm	1.25 mm	4.88 mm	20.65 mm	22 mm	21.877 g
FBM01A2P08040	M8	40 mm	1.25 mm	4.88 mm	20.65 mm	22 mm	23.483 g
FBM01A2P08045	M8	45 mm	1.25 mm	4.88 mm	20.65 mm	22 mm	25.088 g
FBM01A2P08050	M8	50 mm	1.25 mm	4.88 mm	20.65 mm	22 mm	26.704 g
FBM01A2P08055	M8	55 mm	1.25 mm	4.88 mm	20.65 mm	22 mm	28.31 g
FBM01A2P08060	M8	60 mm	1.25 mm	4.88 mm	20.65 mm	22 mm	29.916 g
FBM01A2P08065	M8	65 mm	1.25 mm	4.88 mm	20.65 mm	22 mm	31.522 g
FBM01A2P08070	M8	70 mm	1.25 mm	4.88 mm	20.65 mm	22 mm	33.138 g
FBM01A2P08075	M8	75 mm	1.25 mm	4.88 mm	20.65 mm	22 mm	34.744 g
FBM01A2P08080	M8	80 mm	1.25 mm	4.88 mm	20.65 mm	22 mm	36.35 g
FBM01A2P08090	M8	90 mm	1.25 mm	4.88 mm	20.65 mm	22 mm	39.572 g
FBM01A2P08100	M8	100 mm	1.25 mm	4.88 mm	20.65 mm	22 mm	42.784 g
FBM01A2P08110	M8	110 mm	1.25 mm	4.88 mm	20.65 mm	22 mm	46.005 g
FBM01A2P08120	M8	120 mm	1.25 mm	4.88 mm	20.65 mm	22 mm	49.217 g
FBM01A2P08130	M8	130 mm	1.25 mm	4.88 mm	20.65 mm	28 mm	52.439 g
FBM01A2P08140	M8	140 mm	1.25 mm	4.88 mm	20.65 mm	28 mm	55.651 g
FBM01A2P08150	M8	150 mm	1.25 mm	4.88 mm	20.65 mm	28 mm	58.873 g
FBM01A2P08160	M8	160 mm	1.25 mm	4.88 mm	20.65 mm	28 mm	62.085 g
FBM01A2P08170	M8	170 mm	1.25 mm	4.88 mm	20.65 mm	28 mm	65.307 g
FBM01A2P08180	M8	180 mm	1.25 mm	4.88 mm	20.65 mm	28 mm	68.518 g
FBM01A2P08190	M8	190 mm	1.25 mm	4.88 mm	20.65 mm	28 mm	71.74 g
FBM01A2P08200	M8	200 mm	1.25 mm	4.88 mm	20.65 mm	28 mm	74.952 g
FBM01A2P10016	M10	16 mm	1.5 mm	5.38 mm	24.65 mm	26 mm	25.563 g
FBM01A2P10020	M10	20 mm	1.5 mm	5.38 mm	24.65 mm	26 mm	27.593 g
FBM01A2P10025	M10	25 mm	1.5 mm	5.38 mm	24.65 mm	26 mm	30.128 g
FBM01A2P10030	M10	30 mm	1.5 mm	5.38 mm	24.65 mm	26 mm	32.663 g
FBM01A2P10035	M10	35 mm	1.5 mm	5.38 mm	24.65 mm	26 mm	35.199 g
FBM01A2P10040	M10	40 mm	1.5 mm	5.38 mm	24.65 mm	26 mm	37.734 g
FBM01A2P10045	M10	45 mm	1.5 mm	5.38 mm	24.65 mm	26 mm	40.269 g



Part number	Size (d)	Length (l)	Thread pitch	Head height (k)	Head diameter (dk)	Thread length (b)	Weight
FBM01A2P10050	M10	50 mm	1.5 mm	5.38 mm	24.65 mm	26 mm	42.804 g
FBM01A2P10055	M10	55 mm	1.5 mm	5.38 mm	24.65 mm	26 mm	45.339 g
FBM01A2P10060	M10	60 mm	1.5 mm	5.38 mm	24.65 mm	26 mm	47.874 g
FBM01A2P10065	M10	65 mm	1.5 mm	5.38 mm	24.65 mm	26 mm	50.419 g
FBM01A2P10070	M10	70 mm	1.5 mm	5.38 mm	24.65 mm	26 mm	52.954 g
FBM01A2P10075	M10	75 mm	1.5 mm	5.38 mm	24.65 mm	26 mm	55.489 g
FBM01A2P10080	M10	80 mm	1.5 mm	5.38 mm	24.65 mm	26 mm	58.025 g
FBM01A2P10090	M10	90 mm	1.5 mm	5.38 mm	24.65 mm	26 mm	63.095 g
FBM01A2P10100	M10	100 mm	1.5 mm	5.38 mm	24.65 mm	26 mm	68.165 g
FBM01A2P10110	M10	110 mm	1.5 mm	5.38 mm	24.65 mm	26 mm	73.235 g
FBM01A2P10120	M10	120 mm	1.5 mm	5.38 mm	24.65 mm	26 mm	78.305 g
FBM01A2P10130	M10	130 mm	1.5 mm	5.38 mm	24.65 mm	32 mm	83.386 g
FBM01A2P10140	M10	140 mm	1.5 mm	5.38 mm	24.65 mm	32 mm	88.456 g
FBM01A2P10150	M10	150 mm	1.5 mm	5.38 mm	24.65 mm	32 mm	93.526 g
FBM01A2P10160	M10	160 mm	1.5 mm	5.38 mm	24.65 mm	32 mm	98.596 g
FBM01A2P10180	M10	180 mm	1.5 mm	5.38 mm	24.65 mm	32 mm	108.747 g
FBM01A2P10200	M10	200 mm	1.5 mm	5.38 mm	24.65 mm	32 mm	118.887 g
FBM01A2P10220	M10	220 mm	1.5 mm	5.38 mm	24.65 mm	45 mm	129.028 g
FBM01A2P10240	M10	240 mm	1.5 mm	5.38 mm	24.65 mm	45 mm	139.178 g
FBM01A2P10260	M10	260 mm	1.5 mm	5.38 mm	24.65 mm	45 mm	149.318 g
FBM01A2P10280	M10	280 mm	1.5 mm	5.38 mm	24.65 mm	45 mm	159.459 g
FBM01A2P10300	M10	300 mm	1.5 mm	5.38 mm	24.65 mm	45 mm	169.609 g
FBM01A2P12025	M12	25 mm	1.75 mm	6.95 mm	30.65 mm	30 mm	52.752 g
FBM01A2P12030	M12	30 mm	1.75 mm	6.95 mm	30.65 mm	30 mm	56.429 g
FBM01A2P12035	M12	35 mm	1.75 mm	6.95 mm	30.65 mm	30 mm	60.095 g
FBM01A2P12040	M12	40 mm	1.75 mm	6.95 mm	30.65 mm	30 mm	63.771 g
FBM01A2P12045	M12	45 mm	1.75 mm	6.95 mm	30.65 mm	30 mm	67.448 g
FBM01A2P12050	M12	50 mm	1.75 mm	6.95 mm	30.65 mm	30 mm	71.124 g
FBM01A2P12055	M12	55 mm	1.75 mm	6.95 mm	30.65 mm	30 mm	74.79 g
FBM01A2P12060	M12	60 mm	1.75 mm	6.95 mm	30.65 mm	30 mm	78.467 g
FBM01A2P12065	M12	65 mm	1.75 mm	6.95 mm	30.65 mm	30 mm	82.143 g
FBM01A2P12070	M12	70 mm	1.75 mm	6.95 mm	30.65 mm	30 mm	85.82 g
FBM01A2P12075	M12	75 mm	1.75 mm	6.95 mm	30.65 mm	30 mm	89.486 g
FBM01A2P12080	M12	80 mm	1.75 mm	6.95 mm	30.65 mm	30 mm	93.162 g
FBM01A2P12090	M12	90 mm	1.75 mm	6.95 mm	30.65 mm	30 mm	100.515 g
FBM01A2P12100	M12	100 mm	1.75 mm	6.95 mm	30.65 mm	30 mm	107.858 g
FBM01A2P12110	M12	110 mm	1.75 mm	6.95 mm	30.65 mm	30 mm	115.211 g



Part number	Size (d)	Length (l)	Thread pitch	Head height (k)	Head diameter (dk)	Thread length (b)	Weight
FBM01A2P12120	M12	120 mm	1.75 mm	6.95 mm	30.65 mm	30 mm	122.553 g
FBM01A2P12130	M12	130 mm	1.75 mm	6.95 mm	30.65 mm	36 mm	129.906 g
FBM01A2P12140	M12	140 mm	1.75 mm	6.95 mm	30.65 mm	36 mm	137.249 g
FBM01A2P12150	M12	150 mm	1.75 mm	6.95 mm	30.65 mm	36 mm	144.592 g
FBM01A2P12160	M12	160 mm	1.75 mm	6.95 mm	30.65 mm	36 mm	151.944 g
FBM01A2P12180	M12	180 mm	1.75 mm	6.95 mm	30.65 mm	36 mm	166.64 g
FBM01A2P12190	M12	190 mm	1.75 mm	6.95 mm	30.65 mm	36 mm	173.983 g
FBM01A2P12200	M12	200 mm	1.75 mm	6.95 mm	30.65 mm	36 mm	181.335 g
FBM01A2P12220	M12	220 mm	1.75 mm	6.95 mm	30.65 mm	49 mm	196.031 g
FBM01A2P12240	M12	240 mm	1.75 mm	6.95 mm	30.65 mm	49 mm	210.726 g
FBM01A2P12260	M12	260 mm	1.75 mm	6.95 mm	30.65 mm	49 mm	225.422 g
FBM01A2P12280	M12	280 mm	1.75 mm	6.95 mm	30.65 mm	49 mm	240.117 g
FBM01A2P12300	M12	300 mm	1.75 mm	6.95 mm	30.65 mm	49 mm	254.813 g
FBM01A2P16030	M16	30 mm	2 mm	8.95 mm	38.8 mm	38 mm	116.887 g
FBM01A2P16035	M16	35 mm	2 mm	8.95 mm	38.8 mm	38 mm	123.624 g
FBM01A2P16040	M16	40 mm	2 mm	8.95 mm	38.8 mm	38 mm	130.351 g
FBM01A2P16045	M16	45 mm	2 mm	8.95 mm	38.8 mm	38 mm	137.077 g
FBM01A2P16050	M16	50 mm	2 mm	8.95 mm	38.8 mm	38 mm	143.804 g
FBM01A2P16055	M16	55 mm	2 mm	8.95 mm	38.8 mm	38 mm	150.53 g
FBM01A2P16060	M16	60 mm	2 mm	8.95 mm	38.8 mm	38 mm	157.257 g
FBM01A2P16065	M16	65 mm	2 mm	8.95 mm	38.8 mm	38 mm	163.984 g
FBM01A2P16070	M16	70 mm	2 mm	8.95 mm	38.8 mm	38 mm	170.72 g
FBM01A2P16075	M16	75 mm	2 mm	8.95 mm	38.8 mm	38 mm	177.447 g
FBM01A2P16080	M16	80 mm	2 mm	8.95 mm	38.8 mm	38 mm	184.173 g
FBM01A2P16090	M16	90 mm	2 mm	8.95 mm	38.8 mm	38 mm	197.627 g
FBM01A2P16100	M16	100 mm	2 mm	8.95 mm	38.8 mm	38 mm	211.08 g
FBM01A2P16110	M16	110 mm	2 mm	8.95 mm	38.8 mm	38 mm	224.543 g
FBM01A2P16120	M16	120 mm	2 mm	8.95 mm	38.8 mm	38 mm	237.996 g
FBM01A2P16130	M16	130 mm	2 mm	8.95 mm	38.8 mm	44 mm	251.45 g
FBM01A2P16140	M16	140 mm	2 mm	8.95 mm	38.8 mm	44 mm	264.903 g
FBM01A2P16150	M16	150 mm	2 mm	8.95 mm	38.8 mm	44 mm	278.366 g
FBM01A2P16160	M16	160 mm	2 mm	8.95 mm	38.8 mm	44 mm	291.819 g
FBM01A2P16180	M16	180 mm	2 mm	8.95 mm	38.8 mm	44 mm	318.736 g
FBM01A2P16200	M16	200 mm	2 mm	8.95 mm	38.8 mm	44 mm	345.642 g
FBM01A2P16220	M16	220 mm	2 mm	8.95 mm	38.8 mm	57 mm	372.559 g
FBM01A2P16240	M16	240 mm	2 mm	8.95 mm	38.8 mm	57 mm	399.465 g
FBM01A2P16260	M16	260 mm	2 mm	8.95 mm	38.8 mm	57 mm	426.382 g



Part number	Size (d)	Length (l)	Thread pitch	Head height (k)	Head diameter (dk)	Thread length (b)	Weight
FBM01A2P16280	M16	280 mm	2 mm	8.95 mm	38.8 mm	57 mm	453.288 g
FBM01A2P16300	M16	300 mm	2 mm	8.95 mm	38.8 mm	57 mm	480.204 g

Part numbers: 153

STANDARDS & CERTIFICATES

Standards

DIN 603 – Mushroom Head Square Neck Bolt (Carriage Bolt)

