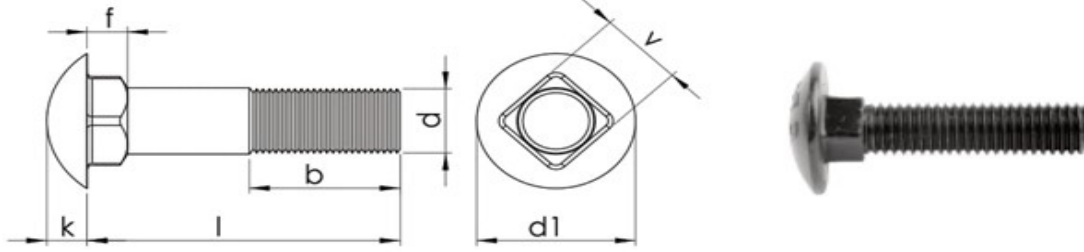


DIN 603 MUSHROOM HEAD SQUARE NECK BOLTS



Teknik Bilgiler / Technical Informations									
Thread size / Anma çapı (d)			M5	M6	M8	M10	M12	M16	M20
Pitch / Diş adımı	P		0,80	1,00	1,25	1,50	1,75	2,00	2,50
Head height / Kafa yüksekliği	k	max.	3,30	3,88	4,88	5,38	6,95	8,95	11,05
		min.	2,70	3,12	4,12	4,62	6,05	8,05	9,95
Head Dia / Kafa çapı	dk	max.	13,55	16,55	20,65	24,65	30,65	38,80	46,80
		min.	12,45	15,45	19,35	23,35	29,35	37,20	45,20
Neck height / Boyun yüksekliği	f	max.	4,10	4,60	5,60	6,60	8,75	12,90	15,90
		min.	2,90	3,40	4,40	5,40	7,25	11,10	14,10
Neck width / Boyun genişliği	v	max.	5,48	6,48	8,58	10,58	12,70	16,70	20,84
		min.	4,52	5,52	7,42	9,42	11,30	15,30	19,16
Thread length / Diş uzunluğu	b ¹		16,00	18,00	22,00	26,00	30,00	38,00	46,00
		b ²	22,00	24,00	28,00	32,00	36,00	44,00	52,00

b¹ for lengths l ≤ 125 mm.

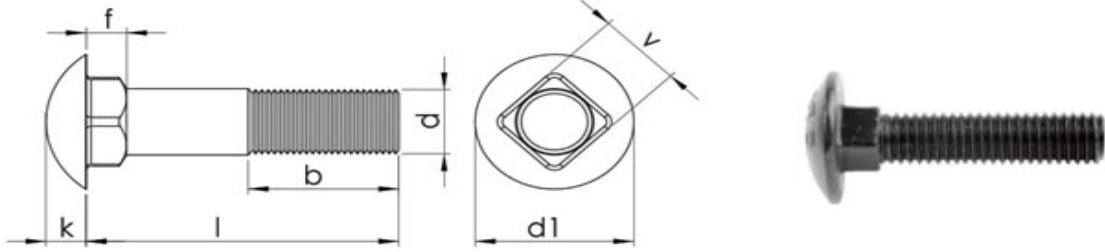
b² for lengths l 125 mm. ≤200 mm.

b³ for lengths > 200 mm.

Thread size / Anma çapı (d)		M5	M6	M8	M10	M12	M16	M20
Length / Boy	min.							
	max.							
		Weight /Ağırlık gr/p						
16	15,10	16,90	4,00	6,90				
20	18,95	21,05	4,50	7,60	13,80	22,70		
25	23,95	26,05	5,10	8,50	15,40	25,20		
30	28,95	31,05	5,90	9,60	17,00	27,70	45,70	
35	33,75	36,25	6,70	10,70	19,00	30,20	49,40	
40	38,75	41,25	7,50	11,80	21,00	32,70	53,10	
45	43,75	46,25	8,30	12,90	23,00	35,80	56,80	
50	48,75	51,25	9,10	14,00	25,00	38,90	61,20	119,00
55	53,50	56,50	9,90	15,10	26,90	42,00	65,60	126,00
60	58,50	61,50	10,70	16,20	28,90	45,10	70,00	133,00
65	63,50	66,50	11,50	17,30	30,90	48,20	74,40	141,00
70	68,50	71,50	12,30	18,40	32,90	51,30	78,80	149,00
								247,00

DIN 603 Carriage Bolts are round head bolts with external machine screw threads and an underhead square neck that helps prevent bolt rotation as the nut is tightened. The head is sometimes referred to as a mushroom head because of its low height rounded top and flat bearing surface. Secured with a nut, carriage bolts commonly fasten wood to wood, wood to metal and metal to metal.

DIN 603 MUSHROOM HEAD SQUARE NECK BOLTS



Teknik Bilgiler / Technical Informations									
Thread size / Anma çapı (d)			M5	M6	M8	M10	M12	M16	M20
Pitch / Diş adımı		P	0,80	1,00	1,25	1,50	1,75	2,00	2,50
Head height / Kafa yüksekliği		k	max. 3,30	3,88	4,88	5,38	6,95	8,95	11,05
			min. 2,70	3,12	4,12	4,62	6,05	8,05	9,95
Head Dia / Kafa çapı		dk	max. 13,55	16,55	20,65	24,65	30,65	38,80	46,80
			min. 12,45	15,45	19,35	23,35	29,35	37,20	45,20
Neck height / Boyun yüksekliği		f	max. 4,10	4,60	5,60	6,60	8,75	12,90	15,90
			min. 2,90	3,40	4,40	5,40	7,25	11,10	14,10
Neck width / Boyun genişliği		v	max. 5,48	6,48	8,58	10,58	12,70	16,70	20,84
			min. 4,52	5,52	7,42	9,42	11,30	15,30	19,16
Thread length / Diş uzunluğu		b ¹	16,00	18,00	22,00	26,00	30,00	38,00	46,00
		b ²	22,00	24,00	28,00	32,00	36,00	44,00	52,00

b¹ for lengths l ≤ 125 mm.

b² for lengths l 125 mm. ≤ 200 mm.

b³ for lengths > 200 mm.

Thread size / Anma çapı (d)		M5	M6	M8	M10	M12	M16	M20	
Length / Boy	min. max.	Weight / Ağırlık gr/p							
80	78,50 81,50	13,90	20,60	36,80	57,50	87,00	165,00	272,00	
90	88,25 91,75		22,80	40,80	63,70	96,00	181,00	297,00	
100	98,25 101,75		25,00	44,80	69,90	105,00	197,00	322,00	
110	108,25 111,75		27,20	48,80	76,10	114,00	213,00	347,00	
120	118,25 121,75		29,40	52,80	82,30	123,00	229,00	372,00	
130	128,00 132,00		31,60	56,80	88,50	132,00	245,00	397,00	
140	138,00 142,00		32,80	60,80	95,00	141,00	261,00	422,00	
150	148,00 152,00		35,00	64,80	101,00	150,00	277,00	447,00	
160	156,00 164,00				107,00	159,00	293,00	497,00	
180	176,00 184,00				119,00	177,00	325,00	547,00	
200	195,40 204,60				131,00	195,00	357,00	597,00	

