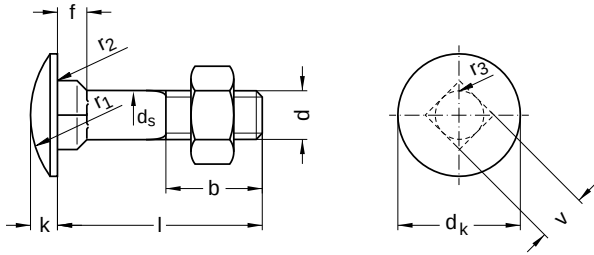


**DIN 603**

**Mushroom head bolts**

With square neck | without nut

Steel 8.8 | zinc-plated | Cr(VI)-free | Metric thread



Diameter (d)	b			dk		ds		f	
	l up to 125	l up to 200	l longer than 200	min.	max.	min.	max.	min.	max.
M5	16	22	–	12.45	13.55	4.52	5	2.90	4.10
M6	18	24	–	15.45	16.55	5.52	6	3.40	4.60
M8	22	28	41	19.35	20.65	7.42	8	4.40	5.60
M10	26	32	45	23.35	24.65	9.42	10	5.40	6.60
M12	30	36	49	29.35	30.65	11.30	12	7.25	8.75
M16	38	44	57	37.20	38.80	15.30	16	11.10	12.90

Diameter (d)	k		r1	r2	r3	Pitch (P)	v	
	min.	max.	nominal size	nominal size	max.		min.	
M5	2.70	3.30	10.7	0.5	0.75	0.80	5.48	4.52
M6	3.12	3.88	12.6	0.5	0.90	1.00	6.48	5.52
M8	4.12	4.88	16.0	0.5	1.20	1.25	8.58	7.42
M10	4.62	5.38	19.2	0.5	1.50	1.50	10.58	9.42
M12	6.05	6.95	24.1	1.0	1.80	1.75	12.70	11.30
M16	8.05	8.95	29.3	1.0	2.40	2.00	16.70	15.30

nominal size	Length (l)	
	min.	max.
16	15.10	16.90
20	18.95	21.05
25	23.95	26.05
30	28.95	31.05
35	33.75	36.25
40	38.75	41.25
45	43.75	46.25
50	48.75	51.25

nominal size	Length (l)	
	min.	max.
55	53.50	53.50
60	58.50	61.50
65	63.50	66.50
70	68.50	71.50
75	73.50	76.50
80	78.50	81.50
90	88.25	91.75
100	98.25	101.75

nominal size	Length (l)	
	min.	max.
110	108.25	111.75
120	118.25	121.75
140	138.00	142.00
160	156.00	164.00
170	166.00	174.00
180	176.00	184.00

All technical data refer to the measure mm



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Diameter (d)	Length (l)																						
	16	20	25	30	35	40	45	50	55	60	65	70	75	80	90	100	110	120	140	160	170	180	
M5	●	●	●																				
M6	●	●	●	●	●	●	●	●		●													
M8	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●			
M10		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
M12			●	●	●	●	●	●	●	●	●	●		●	●	●	●	●			●		●
M16						●				●	●		●										

• Combinations available in the eShop | Other sizes on request

All technical data refer to the measure mm

