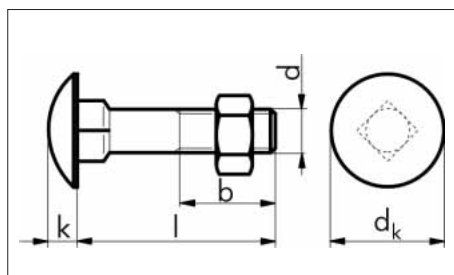


MUSHROOM HEAD BOLT



Thread diameter d	M5	M6	M8	M10	M12	M16	M20
b (up to 125) in mm	16	18	22	26	30	38	46
b (125 - 22) in mm	22	24	28	32	36	44	52
b (over 200) in mm	-	-	41	45	49	57	65
k in mm	3.30	3.88	4.88	5.38	6.95	8.95	11.05
dk in mm	13.55	16.55	20.65	24.65	30.65	38.80	46.80

Please note: Bolts only conditionally loadable, compare to DIN EN ISO 898-1:2009

(This changeover concerns only a change with regard to identification and designation of the strength class)

**With square neck (carriage bolts)
DIN 603 (ISO 8677)**

04.8 steel, bare

Galvanized 04.8 steel, blue passivated

Galvanized 08.8 steel, blue passivated

A2

A4



Used in wood construction, especially carpentry, prefabricated house construction, vehicle construction (e.g. plank beds), boat construction, trade fair construction, for heavy take-down transport frame or crate for machines, transport crates for transport by sea.

Used to connect wooden parts or wood and metal parts. The square neck is countersunk in the wood. Hole diameter is dependent on thread dimension. For connecting wood to wood, a larger washer must be placed under the nut, e.g. a wood construction washer.

Nom. dia.	Length l in mm	Bare 04.8 steel with nut Art. No.	P. Qty.	Galv. 04.8 steel, blue passivated with nut Art. No.	P. Qty.	Galv. 08.8 steel, blue passivated, without nut Art. No.	P. Qty.	A2, without nut Art. No.	P. Qty.	A4, without nut Art. No.	P. Qty.
M5	12	0223 05 12	500								
M5	16			0223 5 16	200	0223 95 16	500	0226 5 16	200	0076 5 16	200
M5	20	0223 05 20	500	0223 5 20	200	0223 95 20	500	0226 5 20	200	0076 5 20	200
M5	25	0223 05 25	500	0223 5 25	200	0223 95 25	500	0226 5 25	200	0076 5 25	200
M5	30	0223 05 30	500	0223 5 30	200	0223 95 30	500	0226 5 30	200	0076 5 30	200
M5	35	0223 05 35	200	0223 5 35	2,000			0226 5 35	200	0076 5 35	200
M5	40	0223 05 40	200	0223 5 40	200			0226 5 40	200	0076 5 40	200
M5	45	0223 05 45	200	0223 5 45	200			0226 5 45	200	0076 5 45	200
M5	50	0223 05 50	200	0223 5 50	200	0223 95 50	1,000	0226 5 50	200	0076 5 50	200
M5	55	0223 05 55	200	0223 5 55	200			0226 5 55	200		
M5	60	0223 05 60	200	0223 5 60	200	0223 95 60	200	0226 5 60	100		
M5	65	0223 05 65	200	0223 5 65	100			0226 5 65	200		
M5	70	0223 05 70	200	0223 5 70	200			0226 5 70	100		
M5	75							0226 5 75	200		
M5	80			0223 5 80	200			0226 5 80	200		
M6	12			0223 6 12	500	0223 96 12	500				
M6	16			0223 6 16	200	0223 96 16	500	0226 6 16	200	0076 6 16	200
M6	20	0223 06 20	500	0223 6 20	200	0223 96 20	200	0226 6 20	100	0076 6 20	200
M6	25	0223 06 25	500	0223 6 25	200	0223 96 25	200	0226 6 25	100	0076 6 25	200
M6	30	0223 06 30	500	0223 6 30	200	0223 96 30	200	0226 6 30	100	0076 6 30	200
M6	35	0223 06 35	200	0223 6 35	200	0223 96 35	200	0226 6 35	100	0076 6 35	200
M6	40	0223 06 40	200	0223 6 40	200	0223 96 40	200	0226 6 40	100	0076 6 40	200
M6	45	0223 06 45	200	0223 6 45	200	0223 96 45	200	0226 6 45	200	0076 6 45	200
M6	50	0223 06 50	200	0223 6 50	200	0223 96 50	200	0226 6 50	100	0076 6 50	200
M6	55	0223 06 55	200	0223 6 55	200	0223 96 55	200	0226 6 55	200	0076 6 55	200
M6	60	0223 06 60	200	0223 6 60	200	0223 96 60	200	0226 6 60	200	0076 6 60	200
M6	65	0223 06 65	200	0223 6 65	100			0226 6 65	200		
M6	70	0223 06 70	200	0223 6 70	100	0223 96 70	200	0226 6 70	200	0076 6 70	200
M6	75	0223 06 75	200	0223 6 75	100	0223 96 75	100				