

DIN 931 similar to ISO 4014

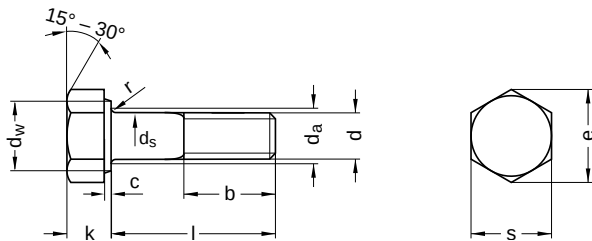
Hexagon head bolts

Hexagon head | external hex | with body

Steel 8.8 | zinc-plated, thick-film passivated (VZD) | Cr(VI)-free | Metric thread

Further information: DIN-standard has been withdrawn | changed spanner widths for M10, M12, M14 and M22 | screws can be paired with a 6h tolerance-compliant female thread

There is a separation into product classes A and B, with the data sheet showing the largest range of values. For more information, see the technical details of the selected article.



Diameter (d)	b			c		d _a	d _s	d _w
	l up to 125	l up to 200	l longer than 200	min.	max.	max.	max.	min.
M10	26	32	45	0.15	0.6	11.2	10	14.47
M12	30	36	49	0.15	0.6	13.7	12	16.47

Diameter (d)	e	k		r	s		Pitch (P)	Tool size
	min.	min.	max.	min.	min.	max.		
M10	17.59	6.11	6.69	0.4	16.73	17	1.50	SW 17
M12	19.85	7.21	7.79	0.6	18.67	19	1.75	SW 19

nominal size	Length (l)	
	min.	max.
40	39.50	40.50
45	44.50	45.50
50	49.50	50.50
55	54.40	55.60
60	59.40	60.60
65	64.40	65.60
70	69.40	70.60
75	74.40	75.60
80	79.40	80.60
85	84.30	85.70

nominal size	Length (l)	
	min.	max.
90	89.30	90.70
95	94.30	95.70
100	99.30	100.70
110	108.25	111.75
120	118.25	121.75
130	128.00	132.00
140	138.00	142.00
145	143.00	147.00
150	148.00	152.00
160	158.00	162.00

nominal size	Length (l)	
	min.	max.
170	168.00	172.00
180	178.00	182.00
190	187.70	192.30
200	197.70	202.30
260	257.40	262.60

All technical data refer to the measure mm



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Diameter (d)	Length (l)																									
	40	45	50	55	60	65	70	75	80	85	90	95	100	110	120	130	140	145	150	160	170	180	190	200	260	
M10	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●						
M12	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●

- Combinations available in the eShop | Other sizes on request

All technical data refer to the measure mm

