

**ISO 4014** similar to DIN 931

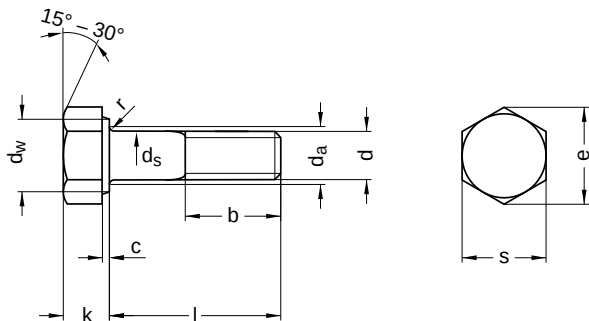
## Hexagon head bolts

Hexagon head | with body

Steel 5.6 | bright | Cr(VI)-free | Metric thread

Further information: DIN-standard has been withdrawn | changed spanner widths for M10, M12, M14 and M22

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 <sub>a</sub>	d <sub>s</sub>	d <sub>w</sub>
	l up to 125	l up to 200	l longer than 200	min.	max.	max.	max.	min.
M12	30	36	49	0.15	0.6	13.7	12	16.47
M16	38	44	57	0.20	0.8	17.7	16	22.00
M20	46	52	65	0.20	0.8	22.4	20	22.70
M30	66	72	85	0.20	0.8	33.4	30	42.75

Diameter (d)	e	k		r	s		Pitch (P)	Tool size	
	min.	nominal size	min.	max.	min.	max.			
M12	19.85	7.5	7.21	7.79	0.6	18	17.57	1.75	SW 18
M16	26.17	10.0	9.82	10.18	0.6	24	23.16	2.00	SW 24
M20	32.95	12.5	12.28	12.72	0.8	30	29.16	2.50	SW 30
M30	40.85	18.7	18.28	19.12	1.0	46	45.00	3.50	SW 46

nominal size	Length (l)	
	min.	max.
50	48.75	51.25
55	53.50	56.50
60	58.50	61.50
65	63.50	66.50
70	68.50	71.50
75	73.50	76.50

nominal size	Length (l)	
	min.	max.
80	78.50	81.50
90	88.25	91.75
100	98.25	101.75
110	108.25	111.75
120	118.25	121.75
180	178.00	182.00

All technical data refer to the measure mm



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Diameter (d)	Length (l)											
	50	55	60	65	70	75	80	90	100	110	120	180
M12	●	●	●	●	●	●	●	●		●	●	
M16								●	●			
M20							●					●
M30										●	●	

• Combinations available in the eShop | Other sizes on request

All technical data refer to the measure mm

