ISO 4014 similar to DIN 931

Hexagon head bolts

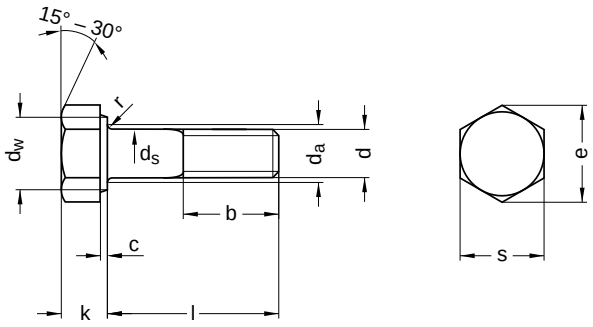
Hexagon head | with body



Steel 8.8 | 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Further information: DIN-standard has been withdrawn | changed spanner widths for M10, M12, M14 and M22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	Tool	b			c		d_a	d_s		
(d)	size	l up to 125	l up to 200	l longer than 200	min.	max.	max.	nominal size	min.	max.
M10	SW 16	26	32	45	0.15	0.6	11.2	10	9.78	10
M12	SW 18	30	36	49	0.15	0.6	13.7	–	–	12
M14	SW 21	34	40	53	0.15	0.6	15.7	–	–	14
M22	SW 34	50	56	69	0.20	0.8	24.4	–	–	22

Diameter	d_w	e	k			r	s		Pitch
(d)	min.	min.	nominal size	min.	max.	min.	max.	min.	(P)
M10	14.47	17.59	6.4	6.11	6.69	0.4	16	15.57	1.50
M12	16.47	19.85	7.5	7.21	7.79	0.6	18	17.57	1.75
M14	19.15	22.78	8.8	8.51	9.09	0.6	21	20.16	2.00
M22	31.35	37.29	14.0	13.65	14.35	0.8	34	33.00	2.50

Length (l)		
nominal size	min.	max.
35	33.75	36.05
40	38.75	41.25
45	43.75	46.25
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

Length (l)		
nominal size	min.	max.
75	74.40	75.60
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
130	128.00	132.00
140	138.00	142.00

Length (l)		
nominal size	min.	max.
150	148.00	152.00
160	158.00	162.00
170	168.00	172.00
180	178.00	182.00

All technical data refer to the measure mm

All technical data without obligation. Subject to technical changes and errors.

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Diameter	Length (l)																		
(d)	35	40	45	50	55	60	65	70	75	80	90	100	110	120	130	140	150	160	170	180
M10	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
M12		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
M14				●	●	●	●	●	●	●	●	●	●	●	●	●	●			
M22										●	●	●	●	●	●	●	●	●		●

All technical data refer to the measure mm

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