

**ISO 4014** similar to DIN 931

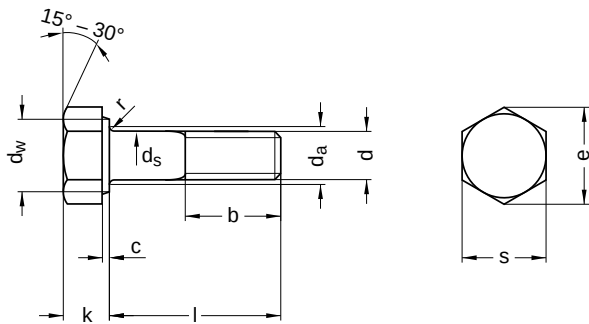
## Hexagon head bolts

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Further information: DIN-standard has been withdrawn | changed spanner widths for M10, M12, M14 and M22

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.
M6	18	24	37	0.15	0.5	6.8	6	8.74
M8	22	28	41	0.15	0.6	9.2	8	11.47
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
M14	34	40	53	0.15	0.6	15.7	14	19.15
M16	38	44	57	0.20	0.8	17.7	16	22.00
M18	42	48	61	0.20	0.8	20.2	18	24.85
M20	46	52	65	0.20	0.8	22.4	20	22.70
M24	54	60	73	0.20	0.8	26.4	24	33.25
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.			
M6	10.89	4.0	3.85	4.15	0.25	10	9.64	1.00	SW 10
M8	14.20	5.3	5.15	5.45	0.40	13	12.57	1.25	SW 13
M10	17.59	6.4	6.11	6.69	0.40	16	15.57	1.50	SW 16
M12	19.85	7.5	7.21	7.79	0.60	18	17.57	1.75	SW 18
M14	22.78	8.8	8.51	9.09	0.60	21	20.16	2.00	SW 21
M16	26.17	10.0	9.82	10.18	0.60	24	23.16	2.00	SW 24
M18	29.56	11.5	11.28	11.72	0.60	27	26.16	2.50	SW 27
M20	32.95	12.5	12.28	12.72	0.80	30	29.16	2.50	SW 30
M24	39.55	15.0	14.78	15.22	0.80	36	35.00	3.00	SW 36
M30	40.85	18.7	18.28	19.12	1.00	46	45.00	3.50	SW 46

All technical data refer to the measure mm



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Length (l)			Length (l)			Length (l)		
nominal size	min.	max.	nominal size	min.	max.	nominal size	min.	max.
30	28.95	31.05	80	78.50	81.50	150	148.00	152.00
35	33.75	36.25	85	83.25	86.75	160	158.00	162.00
40	38.75	41.25	90	88.25	91.75	170	168.00	172.00
45	43.75	46.25	95	93.25	96.75	180	178.00	182.00
50	48.75	51.25	100	98.25	101.75	190	187.70	192.30
55	53.50	56.50	110	108.25	111.75	200	197.70	202.30
60	58.50	61.50	115	113.25	116.75	210	207.70	212.30
65	63.50	66.50	120	118.25	121.75	230	227.70	232.30
70	68.50	71.50	130	128.00	132.00			
75	73.50	76.50	140	138.00	142.00			

Diameter (d)	Length (l)																												
	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	110	115	120	130	140	150	160	170	180	190	200	210	230	
M6	●	●	●	●	●	●	●	●	●	●	●	●	●																
M8		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
M10			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
M12			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
M14														●															
M16						●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
M18																					●								
M20										●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
M24											●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
M30																						●							●

● Combinations available in the eShop | Other sizes on request

All technical data refer to the measure mm

