

DIN 931 similar to ISO 4014

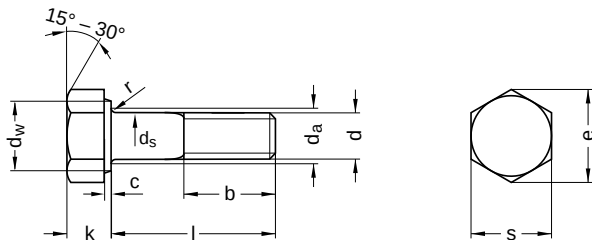
Hexagon head bolts

Hexagon head | external hex | 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Further information: DIN-standard has been withdrawn | changed spanner widths for M10, M12, M14 and M22 | screws can be paired with a 6h tolerance-compliant female thread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.
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	27.70
M24	54	60	73	0.20	0.8	26.4	24	33.25
M27	60	66	79	0.20	0.8	30.4	27	38.00
M30	66	72	85	0.20	0.8	33.4	30	42.75
M33	72	78	91	0.20	0.8	36.4	33	46.60
M36	78	84	97	0.20	0.8	39.4	36	51.11

Diameter (d)	e	k		r	s		Pitch (P)	Tool size
	min.	min.	max.	min.	max.	min.		
M12	19.85	7.21	7.79	0.6	19	18.67	1.75	SW 19
M16	26.17	9.71	10.29	0.6	24	23.16	2.00	SW 24
M20	32.95	12.15	12.85	0.8	30	29.16	2.50	SW 30
M24	39.55	14.65	15.35	0.8	36	35.00	3.00	SW 36
M27	45.20	16.65	17.35	1.0	41	40.00	3.00	SW 41
M30	50.85	18.28	19.12	1.0	46	45.00	3.50	SW 46
M33	55.37	20.58	21.42	1.0	50	49.00	3.50	SW 50
M36	60.79	22.08	22.92	1.0	55	53.80	4.00	SW 55

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.
45	44.50	45.50	75	74.40	75.60	130	128.00	132.00
50	49.50	50.50	80	79.40	80.60	140	138.00	142.00
55	54.40	55.60	90	88.25	91.75	150	148.00	152.00
60	59.40	60.60	100	98.25	101.75	160	158.00	162.00
65	64.40	65.60	110	108.25	111.75	180	178.00	182.00
70	69.40	70.60	120	118.25	121.75	200	197.70	202.30

Diameter (d)	Length (l)																	
	45	50	55	60	65	70	75	80	90	100	110	120	130	140	150	160	180	200
M12	●	●	●	●	●	●	●	●	●	●	●	●						
M16			●	●	●	●	●	●	●	●			●			●		
M20						●	●	●	●	●	●	●			●	●		
M24								●	●	●	●	●	●	●	●	●	●	●
M27									●	●	●		●		●	●	●	●
M30									●			●	●	●	●	●	●	●
M33										●	●	●			●	●	●	●
M36												●	●		●			●

• Combinations available in the eShop | Other sizes on request

All technical data refer to the measure mm

