

DIN 933 similar to ISO 4017

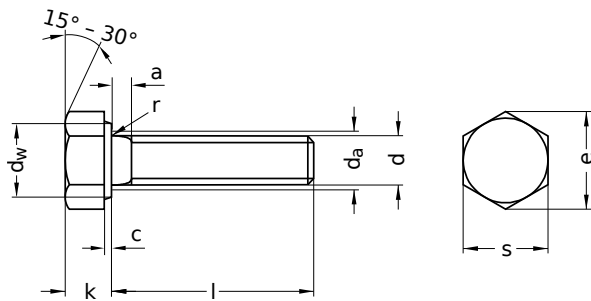
Hexagon head bolts

Hexagon head | external hex | fully threaded

Stainless steel A4 | 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Further information: DIN-standard has been withdrawn | changed spanner widths for M10, M12, M14 and M22 | screws can be paired with a 6h tolerance-compliant female thread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)	a		c		d _a	d _w	e	k			r	s		Pitch (P)	Tool size
	max.	min.	max.	max.	min.	min.	nominal size	min.	max.	min.	max.	min.	max.		
M5	2.40	0.15	0.5	5.7	6.7	8.63	3.5	3.35	6.35	0.20	8	7.64	0.80	SW 8	
M6	3.00	0.15	0.5	6.8	8.7	10.89	4.0	3.76	4.24	0.25	10	9.64	1.00	SW 10	
M8	3.75	0.15	0.6	9.2	11.4	14.20	5.3	5.06	5.54	0.40	13	12.57	1.25	SW 13	
M10	4.50	0.15	0.6	11.2	15.4	18.72	6.4	6.11	6.69	0.40	17	16.57	1.50	SW 17	
M12	5.25	0.15	0.6	13.7	17.2	20.88	7.5	7.21	7.79	0.60	19	18.48	1.75	SW 19	
M14	6.00	0.15	0.6	15.7	20.1	23.91	8.8	8.51	9.09	0.60	22	21.16	2.00	SW 22	
M16	6.00	0.20	0.8	17.7	22.0	26.17	10.0	9.71	10.29	0.60	24	23.16	2.00	SW 24	
M18	7.50	0.20	0.8	20.2	24.8	29.56	11.5	11.15	11.85	0.60	27	26.15	2.50	SW 27	
M20	7.50	0.20	0.8	22.4	27.7	32.95	12.5	12.15	12.85	0.80	30	29.16	2.50	SW 30	

nominal size	Length (l)	
	min.	max.
8	7.71	8.29
10	9.71	10.29
12	11.65	12.35
14	13.65	14.35
16	15.65	16.35
18	17.65	18.35
20	19.58	20.42
22	20.95	23.05

nominal size	Length (l)	
	min.	max.
25	23.95	26.05
30	28.95	31.05
35	33.75	36.25
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

nominal size	Length (l)	
	min.	max.
65	63.50	66.50
70	68.50	71.50
75	73.50	76.50
80	78.50	81.50
90	88.25	91.75
100	98.25	101.75
120	118.25	121.75

All technical data refer to the measure mm



DIN 933 similar to ISO 4017

Hexagon head bolts

Hexagon head | external hex | fully threaded

Stainless steel A4 | Cr(VI)-free | Metric thread

Diameter (d)	Length (l)																							
	8	10	12	14	16	18	20	22	25	30	35	40	45	50	55	60	65	70	75	80	90	100	120	
M5		●	●		●		●		●	●														
M6	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●							
M8			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
M10					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
M12									●	●	●	●	●	●	●	●	●	●	●	●	●	●		
M14												●	●	●	●	●	●	●	●	●	●	●		
M16									●	●		●	●	●	●	●	●	●	●	●	●	●	●	●
M18																		●	●	●	●	●	●	●
M20												●		●		●					●	●	●	

• Combinations available in the eShop | Other sizes on request

All technical data refer to the measure mm

