

ISO 4014 similar to DIN 931

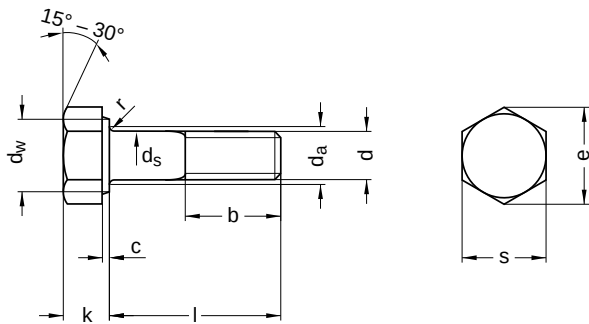
Hexagon head bolts

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Further information: DIN-standard has been withdrawn | changed spanner widths for M10, M12, M14 and M22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 (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.
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
M20	46	52	65	0.20	0.8	22.4	20	22.70
M22	50	56	69	0.20	0.8	24.4	22	31.35
M36	-	84	97	0.20	0.8	39.4	36	51.11

Diameter (d)	e	k		r	s		Pitch (P)	Tool size	
	min.	nominal size	min.	max.	min.	max.			
M10	17.59	6.4	6.11	6.69	0.4	16	15.57	1.50	SW 16
M12	19.85	7.5	7.21	7.79	0.6	18	17.57	1.75	SW 18
M14	22.78	8.8	8.51	9.09	0.6	21	20.16	2.00	SW 21
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
M22	37.29	14.0	13.65	14.35	0.8	34	33.00	2.50	SW 34
M36	60.79	22.5	22.08	22.92	1.0	55	53.80	4.00	SW 55

All technical data refer to the measure mm



ISO 4014 similar to DIN 931

Hexagon head bolts

Hexagon head | with body

Steel 8.8 | bright | Cr(VI)-free | Metric thread

nominal size	Length (l)	
	min.	max.
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
75	73.50	76.50
80	78.50	81.50
85	83.25	86.75

nominal size	Length (l)	
	min.	max.
90	88.25	91.75
95	93.25	96.75
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
150	148.00	152.00
160	158.00	162.00
170	168.00	172.00

nominal size	Length (l)	
	min.	max.
180	178.00	182.00
190	187.70	192.30
200	197.70	202.30
210	207.70	212.30
220	217.70	222.30

Diameter (d)	Length (l)																									
	40	45	50	55	60	65	70	75	80	85	90	95	100	110	120	130	140	150	160	170	180	190	200	210	220	
M10	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●					
M12		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●					
M14			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●							
M16																			●							
M20																								●		
M22									●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
M36																					●					

• Combinations available in the eShop | Other sizes on request

All technical data refer to the measure mm

