

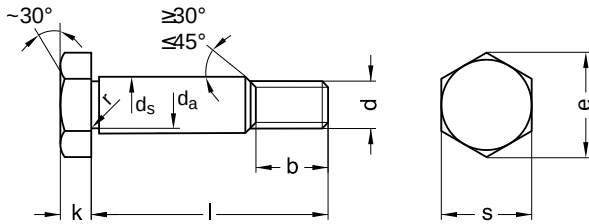
**DIN 610**

**Hexagon fitted bolts**

Hexagon head | with short dog point

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

Further information: Norm has been withdrawn without replacement



Diameter (d)	b			d <sub>a</sub>		d <sub>s</sub>	k		
	l up to 50	l up to 150	l longer than 200	min.	max.	nominal size	nominal size	min.	max.
M8	11.5	13.5	18.5	7.9	8.2	9	5.3	5.15	5.45
M10	13.5	15.5	20.5	9.9	10.2	11	6.4	5.22	5.55
M12	15.5	17.5	22.5	11.5	11.8	13	7.5	7.21	7.79
M14	17.0	19.0	24.0	13.5	13.8	15	8.9	8.51	9.09
M16	19.0	21.0	25.0	15.5	15.8	17	10.0	0.71	70.39
M20	22.5	24.5	29.5	19.1	19.4	21	12.5	12.15	12.85
M24	26.5	28.5	33.5	23.1	23.4	25	15.0	14.65	15.35
M30	–	34.0	39.0	29.7	30.0	32	19.0	18.58	19.42

Diameter (d)	e	r		s		Pitch (P)	Tool size
	min.	min.	max.	min.	max.		
M8	14.38	0.4	0.55	12.73	13	1.25	SW 13
M10	17.77	0.4	0.55	15.73	16	1.50	SW 16
M12	19.85	0.6	0.75	17.57	18	1.75	SW 18
M14	22.78	0.6	0.75	20.16	21	2.00	SW 21
M16	25.17	0.6	0.75	23.18	24	2.00	SW 24
M20	32.95	0.8	0.95	29.16	30	2.50	SW 30
M24	39.55	0.8	0.95	40.00	41	3.00	SW 36
M30	50.85	1.0	1.15	45.00	46	3.50	SW 46

All technical data refer to the measure mm



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nominal size	Length (l)	
	min.	max.
25	24.60	25.40
30	29.60	30.40
35	33.75	35.25
40	38.75	41.25
45	43.75	46.25
50	48.75	51.25
55	53.50	56.50
60	59.50	61.50
65	54.40	65.60
70	59.40	70.60

nominal size	Length (l)	
	min.	max.
75	73.50	76.50
80	70.40	80.60
85	83.25	86.75
90	88.25	91.75
95	93.25	95.75
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

nominal size	Length (l)	
	min.	max.
150	148.00	152.00
160	158.00	162.00
170	168.00	172.00
180	178.00	182.00
190	187.70	192.30
200	197.70	202.30

Diameter (d)	Length (l)																										
	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	110	120	130	140	150	160	170	180	190	200	
M8	●	●	●	●	●	●	●	●	●	●	●	●															
M10		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
M12			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
M14				●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
M16			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
M20				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
M24							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
M30										●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

• Combinations available in the eShop | Other sizes on request

All technical data refer to the measure mm

