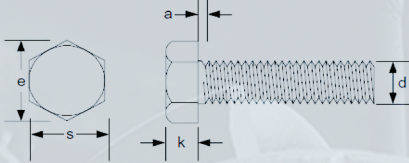


HEXAGON_BOLTS_DIN933



DIN 931/ISO 4014 PARTIAL THREAD
DIN 933/ISO 4017 FULL THREAD

Property Class	Stainless Steel
	A2 & A4
Finish	Plain
Thread Toleranc	Gg

NOM. THREAD DIAMETER (d)	M 3	M3.5	M 4	M 5	M 6	(M 7)	M 8	M 10	M 12	M 14	M 16	(M 18)	M 20	(M 22)	M 24	(M 27)	M 30	(M 33)	M 36	(M 39)	M 42	(M 45)	M 48
THREAD PITCH (coarse)	0.5	0.6	0.7	0.8	1	1	1.25	1.5	1.75	2	2	2.5	2.5	2.5	3	3	3.5	3.5	4	4	4.5	4.5	5
(e) min.	6.01	6.58	7.66	8.79	11.05	12.12	14.38	18.9	21.1	24.49	26.75	30.14	33.53	35.72	39.98	45.2	50.85	55.37	60.79	66.44	71.3	76.95	82.60
Nom. Dimensions (k) min.	2	2.4	2.8	3.5	4	4.8	5.3	6.4	7.5	8.8	10	11.5	12.5	14	15	17	18.7	21	22.5	25	26	28	30
max.	1.88	2.28	2.68	3.35	3.85	4.65	5.15	6.22	7.32	8.62	9.82	11.28	12.28	13.78	14.78	16.65	18.28	20.58	22.08	24.58	25.58	27.58	29.58
Max. = Nom. Dimens (s) min.	2.12	2.52	2.92	3.65	4.15	4.95	5.45	6.56	7.68	8.98	10.18	11.72	12.72	14.22	15.22	17.35	19.12	21.42	22.92	25.43	26.42	28.42	30.42
min.	5.5	6	7	8	10	11	13	17	19	22	24	27	30	32	36	41	46	50	55	60	65	70	75
min.	5.32	5.82	6.78	7.78	9.78	10.73	12.73	16.73	18.67	21.67	23.67	26.67	29.67	31.61	35.38	40	45	49	53.8	58.8	63.1	68.1	73.1

* All dimensions are in mm.

* All the data are from informative purpose only

Comparison chart ISO/DIN Standards s/ size differences.

Thread	M 10		M 12		M 14	
	Max.	Min.	Max.	Min.	Max.	Min.
ISO mm	16	15.73	18	17.73	21	20.67
DIN mm	17	16.73	19	18.67	22	21.67

Length Tolerance	DIN 933																										
	6	8	10	12	(14)	16	(18)	20	(22)	25	(28)	30	35	40	45	50	55	60	65	70	(75)	80	(85)	90	(95)	100	
Nominal Length L																											
min	5.76	7.71	9.71	11.65	13.65	15.65	17.65	19.58	21.58	24.58	27.58	29.58	34.5	39.5	44.5	49.5	54.4	59.4	64.4	69.4	74.4	79.4	84.3	89.3	94.3	99.3	
max	6.24	8.29	10.29	12.35	14.35	16.35	18.35	20.42	22.42	25.42	28.42	30.42	35.5	40.5	45.5	50.5	55.6	60.6	65.6	70.6	75.6	80.6	85.7	90.7	95.7	100.7	

Nominal Length L	M 10										M 12												
	110	120	130	140	150	160	(170)	180	(190)	200	(190)	200	210	220	230	240	250	260	270	280	290	300	
min	109.3	119.3	129.2	139.2	149.2	159.2	169.2	179.2	189.08	199.06	189.08	199.08	209.08	219.08	229.08	239.08	249.08	259.08	269.08	279.08	289.08	299.08	309.08
max	110.7	120.7	130.8	140.8	150.8	160.8	170.8	180.8	190.92	200.92	190.92	200.92	210.92	220.92	230.92	240.92	250.92	260.92	270.92	280.92	290.92	300.92	

