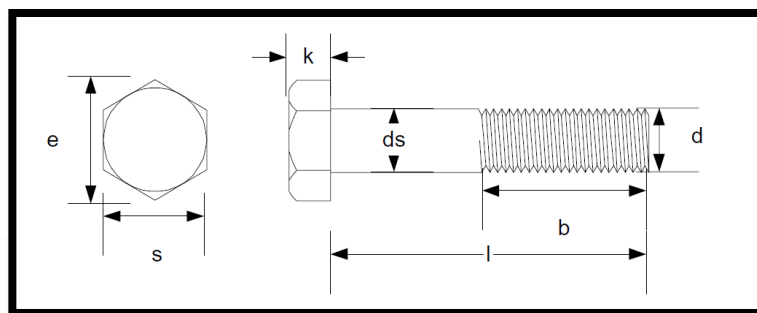


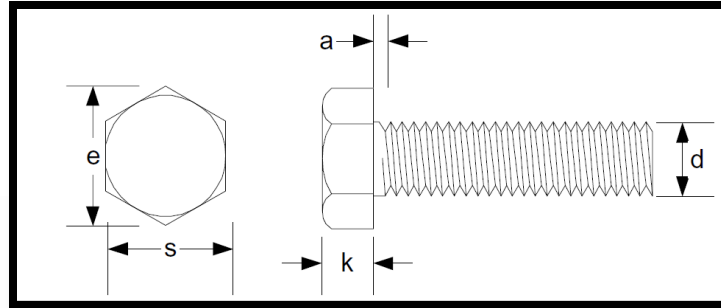
DIMENSION (DIN 931)



DIMENSION IN MM

NOM. THREAD DIAMETER (d)		M4	M5	M6	M8	M10	M12	M14	M16	M18	M20	M22	M24	M27	M30	M33	
THREAD PITCH (coarse)		0.7	0.8	1	1.25	1.5	1.75	2	2	2.5	2.5	2.5	3	3	3.5	3.5	
Thread length (b) for Nom. Length (l)	125mm & shorter	14	16	18	22	26	30	34	38	42	46	50	54	60	66	72	
	125 - 200mm	-	22	24	-	32	36	40	44	48	52	56	60	66	72	78	
	200 mm & longer	-	-	-	-	45	49	53	57	61	65	69	73	79	85	91	
ds		max.	4	5	6	8	10	12	14	16	18	20	22	24	27	30	33
		min.	3.82	4.82	5.82	7.78	9.78	11.73	13.73	15.73	17.73	19.67	21.67	23.67	-	-	-
e (ACROSS CORNER)		min.	7.66	8.79	11.05	14.38	18.9	21.1	24.49	26.75	30.14	33.53	35.72	39.98	-	-	-
k	min.	2.68	3.35	3.85	5.15	6.22	7.32	8.62	9.82	11.28	12.28	13.78	14.78	-	-	-	
	max.	2.92	3.65	4.15	5.45	6.58	7.68	8.98	10.18	11.72	12.72	14.22	15.22	-	-	-	
s (ACROSS FLAT)		max.	7	8	10	13	17	19	22	24	27	30	32	36	41	46	50
		min.	6.78	7.78	9.78	12.73	16.73	18.67	21.67	23.67	26.67	29.67	31.61	35.38	-	-	-
NOM. THREAD DIAMETER (d)		M36	M39	M42	M45	M48	M52	M56	M60	M64	M68	M72					
THREAD PITCH (coarse)		4	4	4.5	4.5	5	5	5.5	5.5	6	6	6					
Thread length (b) for Nom. Length (l)	125mm & shorter	78	84	90	96	102	-	-	-	-	-	-					
	125 - 200mm	84	90	96	102	108	116	124	132	140	148	156					
	200 mm & longer	97	103	109	115	121	129	137	145	153	161	169					
ds		max.	36	39	42	45	48	52	56	60	64	68	72				
		min.	-	-	41.61	44.38	47.38	51.26	55.26	59.26	63.26	67.26	71.26				
e (ACROSS CORNER)		min.	-	-	71.3	76.95	82.6	88.25	93.56	99.21	104.86	110.51	116.16				
k	min.	-	-	25.58	27.58	29.58	32.5	34.5	37.5	39.5	42.5	44.5					
	max.	-	-	26.42	28.42	30.42	33.5	35.5	38.5	40.5	43.5	45.5					
s (ACROSS FLAT)		max.	55	60	65	70	75	80	85	90	95	100	105				
		min.	-	-	63.1	68.1	73.1	78.1	82.8	87.8	92.8	97.8	102.8				

DIMENSION (DIN 933)



DIMENSION IN MM

NOM. THREAD DIAMETER (D)		M4	M5	M6	M8	M10	M12	M14	M16	M18	M20	M22	M24
THREAD PITCH (coarse)		0.7	0.8	1	1.25	1.5	1.75	2	2	2.5	2.5	2.5	3
e (ACROSS CORNER)	min.	7.66	8.79	11.05	14.38	18.09	21.1	24.49	24.75	30.14	33.53	35.72	39.98
k	min.	2.68	3.35	3.85	5.15	6.22	7.32	8.62	9.82	11.28	12.28	13.78	14.78
	max.	2.92	3.65	4.15	5.45	6.56	7.68	8.98	10.18	11.72	12.72	14.22	15.22
s (ACROSS FLAT)	max.	7	8	10	13	17	19	22	24	27	30	32	36
	min.	6.78	7.78	9.78	12.73	16.73	18.67	21.67	23.67	26.67	29.67	31.61	35.38
NOM. THREAD DIAMETER (D)		M27	M30	M33	M36	M39	M42	M45	M48	M52			
THREAD PITCH (coarse)		3	3.5	3.5	4	4	4.5	4.5	5	5			
e (ACROSS CORNER)	min.	45.2	50.85	55.37	60.79	66.44	71.3	76.95	82.6	88.25			
k	min.	16.65	18.58	20.58	22.08	24.58	25.58	27.58	29.58	32.5			
	max.	17.35	19.12	21.42	22.92	25.42	26.42	28.42	30.42	33.5			
s (ACROSS FLAT)	max.	41	46	50	55	60	65	70	75	80			
	min.	40	45	49	53.8	58.8	63.1	68.1	73.1	78.1			