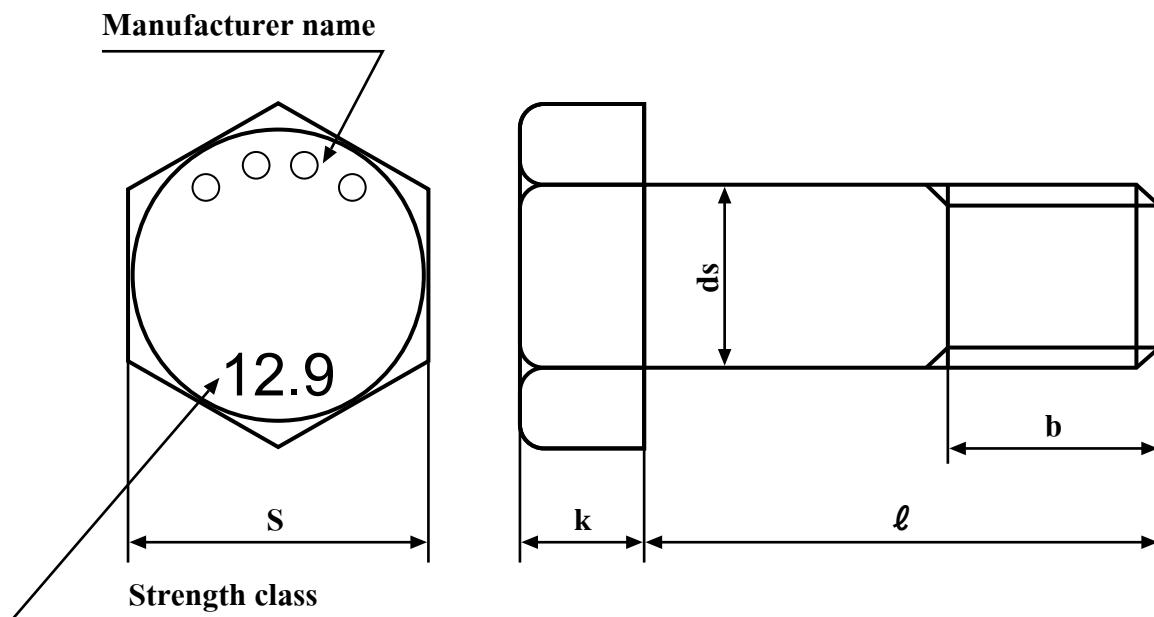


Drawing / Standard
【12.9 Hexagon bolt (Half-thread)】



Nominal size (d)	Pitch	ds		k		s	
		Dimension	Tolerance	Dimension	Tolerance	Dimension	Tolerance
M5	0.8	5	0 -0.1	3.5	± 0.15	8	0 -0.2
M6	1.0	6	0 -0.2	4	± 0.25	10	0 -0.6
M8	1.25	8	0 -0.2	5.5		13	0 -0.7
M10	1.5	10	0 -0.25	7		17	
M12	1.75	12	0 -0.25	8	± 0.3	19	
M14	2.0	14	0 -0.25	9		22	
M16	2.0	16	0 -0.25	10		24	
M18	2.5	18	0 -0.25	12		27	
M20	2.5	20	0 -0.25	13		30	
M22	2.5	22	0 -0.35	14	± 0.35	32	
M24	3.0	24	0 -0.35	15		36	
M27	3.0	27	0 -0.35	17		41	
M30	3.5	30	0 -0.35	19		46	
M33	3.5	33	0 -0.35	21		50	
M36	4.0	36	0 -0.35	23		55	
M39	4.0	39	0 -0.4	25	± 0.4	60	
M42	4.5	42	0 -0.4	26		65	
M45	4.5	45	0 -0.4	28		70	
M48	5.0	48	0 -0.4	30		75	
M52	5.0	52	0 -0.45	33	± 0.5	80	
M56	5.5	56	0 -0.45	35		85	0 -1.4
M64	6.0	64	0 -0.45	40		95	

(**b** is d X 2+6, length > 130 is d X 2+12, length > 220 is d X 2+25)