

# BOLT & NUT and WASHER

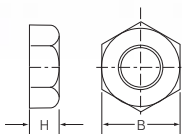
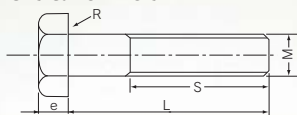
● PVC  
Nominal Size : M8 to M20

Unit:mm

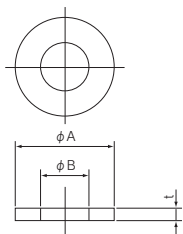


Nominal Size M8		Nominal Size M10		Nominal Size M12		Nominal Size M16		Nominal Size M20	
Lmm	Smm	Lmm	Smm	Lmm	Smm	Lmm	Smm	Lmm	Smm
20	16	14	10	25	21	40	36	55	46
25	22	20	16	30	26	45	38	65	46
32	22	25	21	36	30	50	38	75	46
38	22	28	24	40	30	55	38	80	46
50	22	30	26	45	30	60	38	85	46
55	22	32	26	50	30	65	38	90	46
		36	26	56	30	70	38		
		40	26	60	30	75	38		
		45	26	65	30	80	38		
		50	26	70	30	85	38		
		55	26			95	38		
		60	26						
		65	26						
Pitch	1.25	Pitch	1.50	Pitch	1.75	Pitch	2.00	Pitch	2.50
H	6.5mm	H	8mm	H	10mm	H	13mm	H	16mm
B	13	B	17	B	19	B	24	B	30
M	8	M	10	M	12	M	16	M	20
e	5.5	e	7	e	8	e	10	e	13
R	0.2r	R	0.2r	R	0.3r	R	0.4r	R	0.4r

● Bolt and Nut



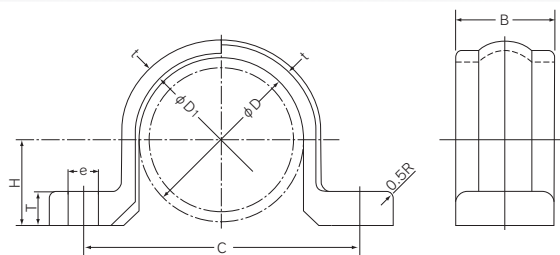
● Washer



Unit:mm

Nominal Size	A	B	t
M 8	18.2 <sup>0</sup> <sub>0.8</sub>	8.4 <sup>+0.4</sup> <sub>0</sub>	2
M10	22.0 <sup>0</sup> <sub>0.8</sub>	10.5 <sup>+0.4</sup> <sub>0</sub>	2
M12	26.0 <sup>0</sup> <sub>1.0</sub>	13.5 <sup>+0.5</sup> <sub>0</sub>	3
M16	32.0 <sup>0</sup> <sub>1.0</sub>	17.0 <sup>+0.5</sup> <sub>0</sub>	3
M20	40.0 <sup>0</sup> <sub>1.0</sub>	21.0 <sup>+0.6</sup> <sub>0</sub>	3

# SADDLE



● PVC  
Nominal Size: 16mm(1/2inch) – 200mm(8inch)

## DIMENSIONS TABLE

Unit:mm

Nominal Size		D	D <sub>1</sub>	C	H	T	t	B	e
mm	inch								
16	1/2	22	24	42	11	5	3	15	5.8
20	3/4	26	29	48	13	5	3	18	5.8
25	1	32	35	54	16	6	3	18	5.8
30	1 1/4	38	41	66	19	7	3.5	20	7
35	1 1/4	42	46	70	21	8	3.5	22	7
40	1 1/2	48	52	90	24	9	4	24	10
50	2	60	64	97	30	9	4	28	10
65	2 1/2	76	81	114	38	10	4	30	10
75	3	89	94	134	44.5	11	4	38	12
100	4	114	120	160	57	12	4.5	42	12
125	5	140	150	192	70	12	5	46	12
150	6	165	177	238	82.5	14	8	50	17
200	8	216	236	316	108	20	10	70	19