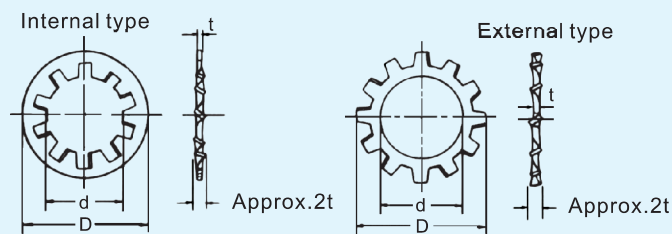


Toothed Lock Washers

(JIS B 1255)



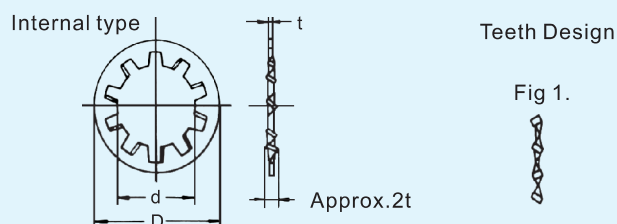
Unit:mm

Size-No		Screw Size		d		D		t		Nos. of Teeth	
Internal	External	m/m	Inch	Basic	Tol.	Basic	Tol.	Basic	Tol.	Internal	External
AW-2.0	BW-2.0	2.0	—	2.2	+0.2 0	4.8	0 -0.3	0.30	±0.025	7	8
2.3	2.3	2.3	—	2.5		5.3		0.30		7	8
2.5	2.5	2.5(2.6)	—	2.7		5.7		0.30		7	8
3.0	3.0	3.0	—	3.2		6.5	0 -0.4	0.45	±0.035	7	8
3.5	3.5	3.5	—	3.7		7.5		0.45		8	8
4.0	4.0	4.0	—	4.3		8.5		0.45		8	8
4.5	4.5	4.5	—	4.8	+0.3 0	9.5	0 -0.5	0.50	±0.040	8	8
5.0	5.0	5.0	—	5.3		10.0		0.60		8	10
6.0	6.0	6.0	—	6.4		11.0		0.60		9	12
7.0	*7.0	7.0	—	7.4		13.0	0 -0.5	0.60	±0.050	9	—
8.0	8.0	8.0	—	8.4		15.0		0.80		9	12
3/8	3/8	—	3/8	9.8		17.5		0.90		9	12
10.0	10.0	10.0	—	10.5	+0.4 0	18.0	0 -0.6	0.90	±0.065	9	12
7/16	7/16	—	7/16	11.4		19.5		0.90		10	12
12.0	12.0	12.0	—	12.5		21.0		1.00		10	12
1/2	1/2	—	1/2	13.0		22.5	0 -0.8	1.00	±0.055	10	12
14.0	14.0	14.0	—	14.5		23.0		1.00		10	12
16.0	16.0	16.0	5/8	16.5	+0.5 0	26.0		1.20	±0.070	12	14
18.0	18.0	18.0	—	19.0		29.0	0 -0.8	1.20		12	14
3/4	3/4	—	3/4	19.6		32.0		1.20		12	14
20.0	20.0	20.0	—	21.0		32.0	0 -0.8	1.40	±0.080	12	14
22.0	22.0	22.0	7/8	23.0		35.0		1.40		14	16
24.0	24.0	24.0	—	25.0		38.0		1.60		14	16
1"	1"	—	1"	26.0		41.0		1.60		14	16

Material = Carbon spring steel / Stainless spring steel (SUS#304+HV160)
 Hardness = HRC40~50
 Finish = Zinc / Yellow Zinc

材質 = 碳鋼 / 不銹鋼 SUS#304+HV160
 硬度 = HRC40~50
 表面處理 = 鍍鋅/五彩

Toothed Lock Washers



Unit:mm

Size-No.	d		D		t		Nos. of Teeth	Design Variation
	Basic	Tol.	Basic	Tol.	Basic	Tol.		
AW-1811	1.9	+0.20 0	4.5	±0.10	0.25	±0.025	6	
6301	6.6	±0.15	10.2	±0.20	0.50	±0.030	9	
9101	9.1	+0.30 0	16.5	±0.40 0	0.90	±0.050	9	
9102	9.1	0	14.8	±0.50 0	0.50	±0.030	16	
9103	9.4	±0.15	12.9	±0.15	0.50	±0.030	16	
9501	9.9	+0.30 -0.20	17.3	+0.50 -0.20	0.90	±0.050	10	
12001	12.2	+0.20 -0.10	15.2	+0.50 0	0.50	±0.030	12	
13001	13.1	±0.20	16.3	±0.25	0.60	±0.040	20	Fig 1.
28601	29.1	+1.0 0	46.5	±0.80 0	1.60	±0.070	16	

Material = Carbon spring steel / Stainless spring steel (SUS#304+HV160)
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材質 = 碳鋼 / 不銹鋼 SUS#304+HV160
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