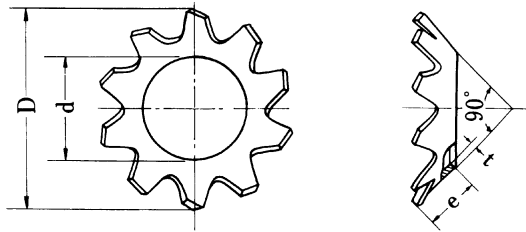


Toothed Lock Washers (JIS B 1255)

Countersunk type

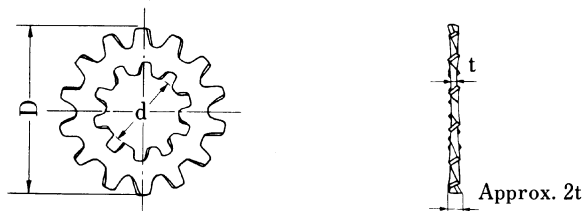


Unit : mm

Size-No.	Screw size	d		D		t		Nos. of Teeth	
		Basic	Tol.	Approx.	Max.	Basic	Tol.		
CW-3	3	3.2	+ 0.2	6	1.8	0.4	± 0.03	8	
	3.5	3.7		7	2.1	0.4		8	
	4	4.3		8	2.5	0.4		8	
	4.5	4.5	4.8	9	2.7	0.5	± 0.035	9	
	5	5.3	10	3.1	0.5	9			
	6	6.4	+ 0.3	12	3.8	0.5		10	
	8	8	8.4	0	16	5.1	0.6	± 0.04	12

●Material=Carbon spring steel. Hardness=HRC40~50.
Finish=Zinc plate plus Chromate.

External-Internal type



Unit : mm

Size-No.	Screw size		d		D		t		Nos. of Teeth		
	mm	Inch	Basic	Tol.	Basic	Tol.	Basic	Tol.	Internal	External	
A BW-4	4	—	4.3	+ 0.2	15	0	0.6	± 0.04	8	12	
	4.5	—	4.8		0	15	- 0.5		0.6	8	12
	5	—	5.3		15	0.6			8	12	
	5.5	—	5.8	+ 0.3	17.5	0	0.8	± 0.05	9	12	
	6	—	6.4		17.5		0.8		9	12	
	8	—	8.4		22.5		0.9		9	12	
	3/8	—	9.8	0	26	- 0.6	1	± 0.055	9	14	
	10	—	10.5	+ 0.4	26		1		9	14	
	7/16	—	11.4	0	29		1		10	14	
	12	—	12.5	+ 0.4	29	0	1	± 0.065	10	14	
	1/2	—	13		32		1.2		10	14	
	14	—	14.5		32		- 0.8		1.2	10	14
	16	—	16.5		35				1.4	± 0.07	12

●Material=Carbon spring steel. Hardness=HRC40~50. Finish=Zinc plate plus Chromate.