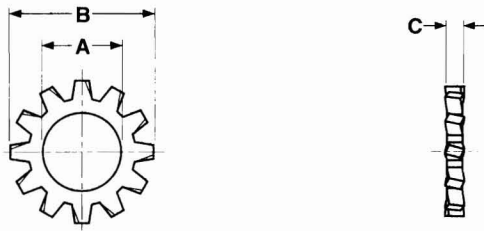


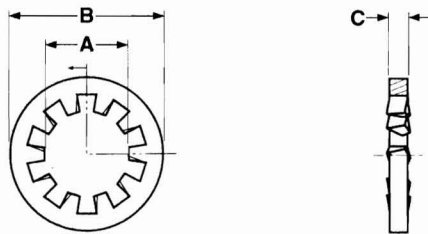
METRIC



EXTERNAL TOOTH LOCK WASHER

Nominal Size	A		B		C		Preferred Number of Teeth*
	Inside Diameter		Outside Diameter		Thickness		
	Max	Min	Max	Min	Max	Min	
M3	3.4	3.2	6.5	6.1	0.485	0.415	8
M3.5	3.9	3.7	7.5	7.1	0.485	0.415	8
M4	4.5	4.3	8.5	8.1	0.485	0.415	9
M5	5.5	5.3	10	9.6	0.64	0.56	10
M6	6.7	6.4	11	10.5	0.64	0.56	12
M8	8.7	8.4	15	14.5	0.85	0.75	12
M10	10.9	10.5	18	17.5	0.95	0.85	12
M12	12.9	12.5	21	20.4	1.055	0.945	12
M14	14.9	14.5	23	22.4	1.055	0.945	12
M16	16.9	16.5	26	25.4	1.265	1.135	14
M20	21.5	21	32	31.2	1.47	1.33	14

* Slight deviation from the preferred number of teeth is permitted.



INTERNAL TOOTH LOCK WASHERS

Nominal Size	A		B		C		Preferred Number of Teeth*
	Inside Diameter		Outside Diameter		Thickness		
	Max	Min	Max	Min	Max	Min	
M2	2.4	2.2	4.8	4.5	0.325	0.275	7
M2.5	2.9	2.7	5.7	5.4	0.325	0.275	7
M3	3.4	3.2	6.5	6.1	0.485	0.415	8
M3.5	3.9	3.7	7.5	7.1	0.485	0.415	8
M4	4.5	4.3	8.5	8.1	0.485	0.415	8
M5	5.5	5.3	10	9.6	0.64	0.56	8
M6	6.7	6.4	11	10.5	0.64	0.56	9
M8	8.7	8.4	15	14.5	0.85	0.75	9
M10	10.9	10.5	18	17.5	0.95	0.85	9
M12	12.9	12.5	21	20.4	1.055	0.945	10
M14	14.9	14.5	23	22.4	1.055	0.945	10
M16	16.9	16.5	26	25.4	1.265	1.135	12
M20	21.5	21	32	31.2	1.47	1.33	12

* Slight deviation from the preferred number of teeth is permitted.