



METRIC - EXTERNAL TOOTH LOCKWASHER

DIN 6797 A;
JIS B 1255

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.

Description	A hardened circular washer with twisted prongs or "teeth" which extend out from the outer edge of the washer.
Applications/ Advantages	This is the most preferable of all tooth-lock washers. It offers the greatest locking efficiency since the teeth are on the largest radius and provide greater torsional resistance.
Material	Spring steel
Hardness	Rockwell C41 - 47
Plating	See Appendix-A for information on the plating of steel lock washers.