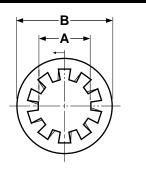
## Internal Tooth Lockwasher

## METRIC

## Washers





METRIC - INTERNAL TOOTH LOCKWASHERS DIN 6797 J; JIS B 1255								
Nominal Size	A Inside Diameter		B Outside Diameter		C Thickness		Preferred Number of Teeth*	
								Max
	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.

Description	A hardened circular washer with twisted prongs or "teeth" which extend inward from the inside edge of the washer.
Applications/ Advantages	This is preferred when finished appearance is crucial and the teeth must be hidden under the head of the screw; also recommended for use with small heads such as fillisters.
Material	Spring steel
Hardness	Rockwell C41 - 47
Plating	See Appendix-A for information on the plating of steel lock washers.