

SPLIT LOCKWASHERS METRIC



Nominal Washer Size	A		B	T	W
	Inside Diameter		Outside Diameter	Section Thickness	Section Width
	Max	Min	Ref	Ref	Ref
M2	2.4	2.1	4.4	0.50	0.9
M2.5	2.9	2.6	5.1	0.60	1
M3	3.4	3.1	6.2	0.80	1.3
M4	4.4	4.1	7.6	0.90	1.5
M5	5.4	5.1	9.2	1.20	1.8
M6	6.5	6.1	11.8	1.60	2.5
M8	8.5	8.1	14.8		
M10	10.7	10.2	18.1	2.2	3.5
M12	12.7	12.2	21.1	2.5	
M16	17.0	16.2	27.4	3.5	
M20	21.2	20.2	33.6		
M24	25.5	24.5	40		
M30	31.7	30.5	48.2		
M36	37.7	36.5	58.2	6	10
M42	43.7	42.5	68.2	7	12
M48	50.5	49	75	7	12

Description	A coiled, hardened, split circular washer with a slightly trapezoidal wire section, for use with metric screws.
Applications/ Advantages	(A) Applies greater bolt tension per unit of applied torque; (B) Provides a hardened bearing surface, creating more uniform torque control; (C) Provides more uniform load distribution; (D) Resists loosening caused by vibration and corrosion; (E) Is preferred lockwasher for use with hardened bearing surfaces.
Material	Spring steel
Hardness	Rockwell C 44 - 51
Plating	See Appendix-A for information about the plating of carbon steel and alloy steel lock washers.