



JIS vs DIN Lock Washer Comparison

	JIS 1251 HRC 42-50	DIN 127B HRC 44-51
	M6	
Inside Diameter	6.1-6.5	6.1-6.5
Outside Diameter	12.2 Max	11.8 Max
Thickness	1.5 Min	1.5-1.7
	M8	
Inside Diameter	8.2-8.7	8.1-8.5
Outside Diameter	15.4 Max	14.8 Max
Thickness	2.0 Min	1.9-2.0
	M10	
Inside Diameter	10.2-10.7	10.2-10.7
Outside Diameter	18.4 Max	18.1 Max
Thickness	2.5 Min	2.05-2.35
	M12	
Inside Diameter	12.2-12.8	12.2-12.7
Outside Diameter	21.5 Max	21.1 Max
Thickness	3.0 Min	2.35-2.65
	M14	
Inside Diameter	14.2-14.8	14.2-14.7
Outside Diameter	24.5 Max	24.1 Max
Thickness	3.5 Min	2.85-3.15
	M16	
Inside Diameter	16.2-17.0	16.2-17.0
Outside Diameter	28.0 Max	27.4 Max
Thickness	4.0 Min	3.3-3.7
	M18	
Inside Diameter	18.2-19.0	18.2-19.0
Outside Diameter	31.0 Max	29.4 Max
Thickness	4.6 Min	3.3-3.7
	M20	
Inside Diameter	20.2-21.0	20.2-21.2
Outside Diameter	33.8 Max	33.6 Max
Thickness	5.1 Min	3.8-4.2
	M22	
Inside Diameter	22.5-23.5	22.5-23.5
Outside Diameter	37.7 Max	35.9 Max
Thickness	5.6 Min	3.8-4.2
	M24	
Inside Diameter	24.5-25.5	24.5-25.5
Outside Diameter	40.3 Max	40.0 Max
Thickness	5.9 Min	4.8-5.2