



72 Byron Street – PO Box 7696 – Sydenham – Christchurch
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Hardened 'Automotive' Washers F436 (Grade 8)

Size	I.D.	O.D.	Thick	Yellow Zinc	Black
1/4"	0.292" 7.4mm	0.625" 15.8mm	0.062" 1.6mm	✓	✓
5/16"	0.37" 9.4mm	0.691" 17.5mm	0.068" 1.7mm	✓	✓
3/8"	0.42" 10.7mm	0.815" 20.7mm	0.062" 1.6mm	✓	✓
7/16"	0.484" 12.2mm	0.921" 23.3mm	0.067" 1.7mm	✓	✓
	0.541" 13.7mm	1.083" 27.4mm	0.105" 2.7mm	✓	✓
9/16"	0.611" 15.5mm	1.156" 29.4mm	0.105" 2.7mm	✓	✓
5/8"	0.703" 17.9mm	1.29" 32.9mm	0.142" 3.6mm	✓	✓
3/4"	0.835" 21.1mm	1.441" 36.6mm	0.129" 3.2mm	✓	✓
7/8"	0.958" 24.3mm	1.72" 43.6mm	0.139" 3.5mm	✓	✓
1"	1.142" 29.0mm	1.98" 50.2mm	0.143" 3.6mm	✓	✓
1 1/8"	1.27" 32.2mm	2.259" 57.3mm	0.147" 3.7mm	✓	✓
1 1/4"	1.401" 35.5mm	2.503" 63.5mm	0.149" 3.8mm	✓	✓
1 3/8"	1.517" 38.6mm	2.75" 70mm	0.147" 3.7mm	✓	✓
1 1/2"	1.648" 41.8mm	2.975" 75.5mm	0.147" 3.7mm	✓	✓
1 5/8"	1.715" 43.5mm	3.256" 82.7mm	0.191" 4.8mm	✓	✓
1 3/4"	1.876" 47.6mm	3.356" 85.5mm	0.184" 4.6mm	✓	✓
1 7/8"	2.011" 51mm	3.506" 89mm	0.19" 4.8mm	✓	✓
2"	2.135" 54.2mm	3.749" 95.2mm	0.192" 4.8mm	✓	✓





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Size	I.D.	O.D.	Thick	Yellow Zinc	Black
M6	6.4mm	11.8mm	1.5mm	✓*	
M12	13mm	24mm	3mm	✓	✓
M14	15mm	28mm	4mm	✓	✓
M18	19mm	34mm	4mm	✓	✓
M22	23mm	39mm	4mm	✓	✓

* silver zinc only

Hardened 'Automotive' Washers F436 (Grade 8) 'Extra Thick'

Size	I.D.	O.D.	Thick	Yellow Zinc	Black
1/4"	0.303"	0.625"	0.100"	✓	
	7.6mm	16.0mm	2.5mm		
5/16"	0.34"	0.688"	0.100"	✓	
	8.7mm	17.5mm	2.5mm		
3/8"	0.413"	0.812"	0.118"	✓	
	10.5mm	20.5mm	3.0mm		
7/16"	0.472"	0.925"	0.175"	✓	
	12.0mm	23.5mm	4.4mm		
1/2"	0.522"	1.056"	0.175"	✓	
	13.2mm	26.5mm	4.4mm		
9/16"	0.603"	1.171"	0.161"	✓	
	15.3mm	29.5mm	4.1mm		
5/8"	0.707"	1.322"	0.177"	✓	
	17.8mm	33.5mm	4.5mm		
3/4"	0.810"	1.466"	0.177"	✓	
	20.5mm	37.0mm	4.5mm		
7/8"	0.948"	1.742"	0.244"	✓	
	24.0mm	44.1mm	6.2mm		
1"	1.140"	2.00"	0.244"	✓	
	29.0mm	50.8mm	6.2mm		
1 1/8"	1.256"	2.244"	0.308"	✓	
	31.8mm	57.0mm	7.8mm		
1 1/4"	1.372"	2.517"	0.308"	✓	
	35.0mm	64.0mm	7.8mm		
1 1/2"	1.637"	2.983"	0.312"	✓	
	41.0mm	75.8mm	7.9mm		

