



## DIN 6798 Serrated lock washer with external teeth Form V

### Information

External tooth lock washers manufactured according to DIN 6798 allow the immobilization of fasteners such as bolts and screws which are subject to vibrations while maintaining uniform tightening torque in any mechanical, electrical or electronic application. In addition to the anti-vibration characteristic, this washer also improves the quality of electrical circuits as each of the outer teeth forms an excellent point of contact. This washer is recommended for use in inaccessible application zones where it may be difficult to tighten the bolt or screw once fitted.

Form V is recommended for use when the head of the bolt is at 90° to the vertical axis.

The permanent inclination of the teeth, which are superimposed one upon the other around the circumference of the washer, gives a very high friction factor allowing for progressive and evenly distributed tightening torque around the head of the bolt or screw. The tightening torque applied on the teeth of this washer should in no case exceed the recommended tightening torque for 8.8 class bolts.

When tightening torque is applied the edges of the teeth of this washer are incrustated in the head of the bolt or screw, forming an immobile unit resistant to loosening.

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Diameter $d_1$	Part n° Form "V"	$d_2$	$s \pm$	For metric bolt M.	Whitworth equivalent W.	Box quantity	Outer box quantity
3,2	01190043	6 -0,3	0,2 $\pm$ 0,015	3	1/8"	4000	64000
4,3	01190060	8 -0,36	0,25 $\pm$ 0,015	4	5/32"	4000	64000
5,3	01190078	9,8 -0,36	0,3 $\pm$ 0,020	5	3/16"	2500	40000
6,4	01190086	11,8 -0,43	0,4 $\pm$ 0,020	6	1/4"	1250	20000
8,4	01190094	15,3 -0,43	0,4 $\pm$ 0,020	8	5/16"	1250	20000
10,5	01190107	19 -0,43	0,5 $\pm$ 0,025	10	3/8"	1000	8000
13	01190115	23 -0,52	0,5 $\pm$ 0,025	12	1/2"	500	4000
15	01190123	26,2 -0,52	0,6 $\pm$ 0,025	14	9/16"	400	3200
17	01190131	30,2 -0,52	0,6 $\pm$ 0,025	16	5/8"	250	2000

### Material specifications:

SPRING STEEL  
HrC 36±43 (HV 350-425)

### Surface treatment:

Anti-rust oil-dipped

