


**EXTERNAL TOOTHED ASME B 18.21.1**
**CARBON STEEL C 60 EN 10132**

DIMENSIONS AND FEATURES						PACKAGING		
For screws of	d min.-max.	D min.-max.	s min.-max.	No. of teeth	Kg/1000 pieces	No. of pcs standard packaging	No. of pcs bulk packaging	No. of pcs micro packaging
N.10	4.96-5.18	10.04-10.41	0.46-0.60	8	0.180	1000	30000	
1/4"	6.51-6.78	12.55-12.95	0.59-0.71	10	0.320	1000	15000	
5/16"	8.13-8.43	14.94-15.49	0.72-0.86	8	0.500	1000	10000	
3/8"	9.76-10.10	17.02-17.62	0.82-1.01	12	0.745	1000	7500	
7/16"	11.38-11.78	18.80-19.30	0.82-1.01	12	0.950	1000	5000	
1/2"	13.03-13.46	22.36-22.86	0.94-1.14	12	1.410	1000	3750	

Dimensions in mm

**Technical details:**

Hardness: 350 - 425 Hv.  
 Tightening torques: see table.  
 Chemical analysis of raw material: see table.

**Anticorrosion surface treatment:**

Burnishing and light oiling.  
 Electrozinc plating 6-8 cr6 free.  
 Mechanical zinc plating 12 my cr6 free.  
 Other coatings upon customer request.

**Features and specific use:**

Toothed washer for fasteners with limited tightening torques.