



DIMENSIONS AND FEATURES							PACKAGING		
For screws of	d min.-max.	D min.-max.	s min.-max.	h min.-max.	No. of knurls	Kg/1000 pieces	No. of pcs standard packaging	No. of pcs bulk packaging	No. of pcs micro packaging
M 4.0	4.10-4.40	9.80-10.20	0.95-1.05	1.25-1.50	16	0.470	2000	25000	500
M 5.0	5.10-5.40	11.80-12.20	1.16-1.24	1.55-1.90	20	0.790	1000	15000	200
M 6.0	6.10-6.40	13.77-14.20	1.36-1.44	1.85-2.20	20	1.240	1000	10000	200
M 8.0	8.20-8.56	17.68-18.20	1.36-1.44	1.95-2.40	24	2.030	1000	5000	100
M 10.0	10.20-10.56	21.73-22.25	1.55-1.65	2.25-2.75	24	3.490	1000	3000	100
M 12.0	12.40-12.83	26.73-27.25	1.75-1.85	2.60-3.10	24	6.010	500	1750	50
M 14.0	14.40-14.83	29.63-30.25	2.34-2.46	3.20-3.70	24	9.370	250	1000	
M 16.0	16.40-16.83	31.88-32.50	2.44-2.56	3.45-3.95	28	10.650	250	900	
M 18.0	18.50-19.25	34.38-35.00	2.94-3.06	4.00-4.50	28	15.200	250	750	
M 20.0	21.00-21.75	39.38-40.00	2.94-3.06	4.20-4.70	30	20.400	100	500	
M 22.0	23.00-23.75	44.38-45.00	3.44-3.56	4.80-5.30	30	30.400	100	400	
M 24.0	25.00-25.75	49.38-50.00	3.44-3.56	5.10-5.60	32	38.200	100	350	
M 27.0	28.00-28.85	59.26-60.00	3.91-4.09	6.10-6.60	36	69.000	50	200	
M 30.0	31.00-31.85	69.26-70.00	4.41-4.59	7.30-7.80	36	109.000	50	125	

Dimensions in mm

#### Technical details:

Hardness: 420 - 510 Hv.  
 Tightening torques: see table.  
 Chemical analysis of raw material: see table.

#### Anticorrosion surface treatment:

Burnishing and light oiling.  
 White mech. zinc plating 12my Cr6 free.  
 Yellow mech. zinc plating 12my Cr6 free.  
 Delta Protekt® KL 100 6-10 my.  
 Geomet® 321 type A 5-7 my.  
 Other coatings upon customer request.

#### Features and specific use:

Washer with elasticity that has a round, knurled ring with resistance to loosening on its contact surface with the screw's underhead.  
 In every field of applications in which high resistance to loosening and elastic stress are required on large supporting surface.