

Subject: Flat washers

Keywords: Washers, Form C

1. Washers are being ordered without standardization.
2. This internal memo is being issued to standardize use of washers.
3. Washers are of 3 types i.e., Form A, Form B & Form C. They are similar to Class A, B & C MS pipes. Form A is light weight, Form B is medium weight and Form C is heavy weight.
4. Only sue Form C flat washers made from GI, SS or MS.
5. A table of From C flat washers is given below:

Sl. No	Size	Internal dia in mm	External dia in mm	Thickness in mm	Weight for 1000 pieces in gms
1.	M4	4.30	10.00	0.08	
2.	M5	5.30	12.50	1.00	400
3.	M6	6.40	14.00	1.60	1100
4.	M8	8.40	21.00	1.60	2100
5.	M10	10.50	24.00	2.00	4000
6.	M12	13.00	28.00	2.50	6200
7.	M14	13.00	30.00	3.00	
8.	M16	17.00	34.00	3.00	11300
9.	M18	19.00	37.00	3.00	
10.	M20	21.00	39.00	3.00	17200
11.	M22	23.00	44.00	3.00	
12.	M24	25.00	50.00	4.00	
13.	M27	28.00	56.00	4.00	
14.	M30	31.00	60.00	4.00	
15.	M33	34.00	66.00	5.00	
16.	M36	37.00	72.00	5.00	
17.	M39	40.00	77.00	6.00	

6. The washers are labelled as M5, M6, M8 meaning they are to be used with screws/bolts of dia 5, 6 or 8mm.
7. MHTR (GV) to maintain minimum stock of 2kgs with reorder value of 2kgs of the sizes: M5, M6, M8.
8. MHTR (GV) to maintain minimum stock of 5kgs with reorder value of 3kgs of the sizes: M10, M12, M16 & M20.

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