

WASHER STANDARD

NEAREST EQUIVALENT STANDARDS: BS3410-1961 AND AS1237 -2002
 NORMAL SERIES, SUITABLE FOR USE WITH METRIC AND IMPERIAL
 COMMERCIAL GRADE BOLTS, FOR EXAMPLE BOLTS SELECTED FROM AS1111,
 AS2451 OR ASB148.

BY AMALGAMATING METRIC AND IMPERIAL SIZES WHERE POSSIBLE, THIS
 SPECIFICATION PROVIDES FOR MAXIMUM UTILISATION WITH MINIMUM
 INVENTORY, WITHOUT SACRIFICING PERFORMANCE. STOCKED RANGE
 ADDITIONAL TO PLAIN FINISH INCLUDES: ZINC ELECTROPLATED,
 MECHANICALLY GALVANISED TO ASTM B695 CLASS 65

Nominal Bolt Size	Inside Diameter		Outside Diameter		Thickness			Pieces	Inner
	Min.	Max.	Min.	Max.	Nom.	Min.	Max.	per box	Bags
M5	5.5	5.8	12.0	12.7	1.4	1.2	1.6	15000	30 x 500
M6	6.7	7.1	16.0	17.0	1.4	1.2	1.6	7500	15 x 500
M8	8.8	9.3	19.0	20.0	1.6	1.4	1.8	5000	10 x 500
M10	10.5	11.0	22.5	23.5	2.0	1.8	2.2	2500	5 x 500
7/16"	12.0	12.7	25.4	26.5	2.0	1.8	2.2	2500	10 x 250
M12	13.2	14.0	27.5	28.5	2.25	2.0	2.5	2000	10 x 200
M16	17.2	18.0	33.5	34.5	2.75	2.5	3.0	1000	5 x 200
M20	21.0	22.0	38.0	39.5	3.0	2.6	3.2	750	5 x 150
7/8"	23.5	24.5	46.5	48.0	3.0	2.8	3.5	500	10 x 500
M24	26.0	27.0	52.0	54.2	4.0	3.5	4.2	250	10 x 25
1.1/8"	31.0	32.5	62.0	64.0	4.0	3.5	4.2	200	8 x 25
M30	33.0	34.5	58.0	60.0	4.0	3.5	4.2	250	10 x 25
1.1/4"	35.0	36.5	63.0	66.0	4.0	3.5	4.2	200	8 x 25
M36	39.0	40.5	70.0	73.0	5.0	4.5	5.2	125	5 x 25
1.1/2"	41.0	43.0	77.0	80.0	5.0	4.8	5.5	100	10 x 10
M42	45.0	46.0	77.0	80.0	5.0	4.8	5.2	100	10 x 10
1.3/4"	48.0	51.0	90.0	93.0	6.0	5.6	6.4	70	7 x 10
M48	51.0	53.5	90.0	93.0	6.0	5.6	6.4	70	7 x 10
2"	54.0	55.0	100.0	105.0	6.0	5.6	6.4	50	5 x 10
M56	61.5	63.0	118.0	125.0	7.0	6.6	7.4	30	3 x 10
M64	69.5	71.0	118.0	125.0	7.0	6.6	7.4	30	3 x 10