



WASCA

Washers & Stamped Components Australia Proprietary Limited

Fasten your future

No matter what industry you work in, if you want to keep things together, the chances are you need a fastener.





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* FOR ANY ITEMS MARKED **ENQUIRE** PLEASE CHECK FOR TOOLING, PRICE & AVAILABILITY*

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FLAT STEEL WASHERS
IMPERIAL
 Trivalent (Cr3) and Hexavalent ZINC

PRICE per 1000

SIZE	OUTSIDE DIAMETER	GAUGE	PACKET QTY	PACKET PRICE	CARTON QTY	CARTON PRICE	PRODUCT CODE	Cr3
3/32	1/4	22	200	7.28	10000	7.13	1000079	Y
1/8	5/16	22	200	7.00	10000	6.86	1000080	
1/8	3/8	20	200	8.60	10000	8.43	1000081	Y
5/32	3/8	20	200	8.60	10000	8.43	1000082	Y
5/32	7/16	20	200	8.70	10000	8.53	1000083	
3/16	7/16	20	200	8.70	10000	8.53	1000084	Y
3/16	1/2	20	200	10.40	10000	10.19	1000085	Y
3/16	5/8	18	200	16.60	10000	16.27	1000086	
1/4	1/2	18	200	12.40	10000	12.15	1000087	Y
1/4	9/16	18	200	14.00	10000	13.72	1000088	Y
1/4	5/8	18	200	14.50	10000	14.21	1000089	Y
1/4	7/8	18	200	31.40	5000	30.77	1000698	
5/16	5/8	18	200	14.50	10000	14.21	1000090	Y
5/16	3/4	18	200	19.80	5000	19.40	1000091	Y
5/16	7/8	18	200	29.00	5000	28.42	1001259	Y
5/16	7/8	16	200	37.00	5000	36.26	1000092	Y
3/8	5/8	18	200	21.00	10000	20.58	1004999	
3/8	3/4	18	200	21.10	5000	20.68	1001184	
3/8	3/4	16	200	24.00	5000	23.52	1000093	Y
3/8	7/8	18	200	29.60	5000	29.01	1001188	Y
3/8	7/8	16	200	33.20	5000	32.54	1000094	Y
7/16	7/8	16	200	33.20	5000	32.54	1000095	Y
7/16	1	16	200	44.00	2000	43.12	1000096	Y
1/2	1	16	200	40.00	2000	39.20	1000097	Y
1/2	1 1/8	16	200	57.40	2000	56.25	1000098	Y
9/16	1 1/8	16	200	57.40	2000	56.25	1000099	Y
5/8	1 1/4	15	200	74.60	2000	73.11	1000100	Y
5/8	1 3/8	15	200	107.80	1000	105.64	1000101	
3/4	1 1/2	14	100	113.40	1000	111.13	1000102	Y
7/8	1 5/8	14	100	139.40	1000	136.61	1000103	Y
1	1 7/8	14	100	187.80	500	184.04	1000104	
1	2 1/8	14	100	276.00	500	270.48	1001192	Y
1 1/8	2 1/8	14	50	334.00	500	327.32	1001196	



STEEL MUDGUARD WASHERS
IMPERIAL
 Trivalent (Cr3) and Hexavalent ZINC

PRICE per 1000

SIZE	OUTSIDE DIAMETER	GAUGE	PACKET QTY	PACKET PRICE	CARTON QTY	CARTON PRICE	PRODUCT CODE	Cr3
1/8	1/2	20	200	13.60	10000	13.33	1000950	
5/32	5/8	16	200	33.60	10000	32.93	1001264	Y
1/8	5/8	18	200	33.00	10000	32.34	1001200	Y
3/16	1/2	16	200	18.69	10000	18.32	1001204	Y
3/16	5/8	16	200	23.32	10000	22.85	1001310	Y
3/16	3/4	18	200	22.00	5000	21.56	1000371	Y
3/16	3/4	16	200	29.60	5000	29.01	1000372	Y
3/16	1	16	200	48.00	2000	47.04	1000692	Y
3/16	1 1/4	16	200	72.00	2000	70.56	1000693	Y
1/4	1/2	16	200	18.69	10000	18.32	1001208	
1/4	3/4	18	200	22.00	5000	21.56	1000373	Y
1/4	3/4	16	200	26.00	5000	25.48	1000374	Y
1/4	1	16	200	44.00	2000	43.12	1000375	Y
1/4	1 1/4	16	200	72.00	2000	70.56	1000376	Y
1/4	1 1/2	16	200	191.60	1000	187.77	1005088	
1/4	2	16	100	250.00	500	245.00	1000377	Y
5/16	1/2	18	200	25.60	10000	25.09	1001344	
5/16	3/4	16	200	26.80	5000	26.26	1000378	Y
5/16	1	16	200	44.00	2000	43.12	1000379	Y
5/16	1 1/4	16	200	72.00	2000	70.56	1000380	Y
5/16	1-1/2	16	200	120.00	1000	117.60	1000993	Y
5/16	2	16	100	250.00	500	245.00	1000381	Y
3/8	1	16	200	44.00	2000	43.12	1000382	Y
3/8	1 1/4	16	200	72.00	2000	70.56	1000383	Y
3/8	1 1/2	16	200	119.80	1000	117.40	1000384	Y
3/8	1 7/8	14	100	245.00	500	240.10	1000945	
3/8	2	16	100	264.00	500	258.72	1000385	Y
3/8	2	12	100	338.00	500	331.24	1000386	
1/2	1 1/4	16	200	72.00	2000	70.56	1001212	Y
1/2	1 1/2	14	200	126.00	1000	123.48	1000388	Y
1/2	1 7/8	14	100	242.00	500	237.16	1000942	
1/2	2	16	100	250.00	500	245.00	1000389	Y
1/2	2	12	100	336.00	500	329.28	1000390	Y
9/16	1 1/4	16	200	72.00	2000	70.56	1000997	Y
5/8	2	16	100	250.00	500	245.00	1000391	
5/8	2	12	100	336.00	500	329.28	1000392	
10MM	1 1/4	16	200	79.20	2000	77.62	1000387	Y



FLAT BRASS WASHERS
IMPERIAL - PLAIN FINISH TO B.S. 3410:1961

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PRICE per 1000

SIZE	OUTSIDE DIAMETER	GAUGE	PACKET QTY	PACKET PRICE	CARTON QTY	CARTON PRICE	PRODUCT CODE
3/32	1/4	24	200	ENQUIRE	10000	ENQUIRE	1000131
1/8	5/16	21	200	22.40	10000	21.95	1000132
1/8	3/8	21	200	28.00	10000	27.44	1000133
5/32	3/8	21	200	28.00	10000	27.44	1000134
5/32	7/16	21	200	33.40	10000	32.73	1000135
3/16	7/16	21	200	33.40	10000	32.73	1000136
3/16	1/2	21	200	41.60	10000	40.77	1000137
3/16	5/8	19	200	ENQUIRE	10000	ENQUIRE	1000138
1/4	1/2	21	200	41.60	10000	40.77	1000139
1/4	9/16	19	200	53.08	10000	52.02	1000140
1/4	5/8	19	200	85.40	10000	83.69	1000141
5/16	5/8	18	200	85.40	10000	83.69	1000142
5/16	3/4	18	200	118.60	5000	116.23	1000143
5/16	7/8	18	200	ENQUIRE	5000	ENQUIRE	1000144
3/8	3/4	18	200	118.60	5000	116.23	1000145
3/8	7/8	18	200	164.40	5000	161.11	1000146
3/8	1	16	200	425.00	2000	416.50	1000147
7/16	7/8	16	200	258.10	5000	245.20	1000148
7/16	1	16	200	ENQUIRE	2000	ENQUIRE	1000149
1/2	1	16	200	282.00	2000	276.36	1000150
1/2	1 1/8	16	200	ENQUIRE	2000	ENQUIRE	1000151
9/16	1 1/8	16	200	ENQUIRE	2000	ENQUIRE	1001198
5/8	1 1/4	16	200	ENQUIRE	2000	ENQUIRE	1000152
5/8	1 3/8	16	200	ENQUIRE	1000	ENQUIRE	1000153
3/4	1 1/2	14	100	880.00	1000	836.00	1000154
7/8	1 5/8	14	100	ENQUIRE	1000	ENQUIRE	1000155
1	1 7/8	14	100	ENQUIRE	500	ENQUIRE	1000156
1	2 1/8	14	50	ENQUIRE	250	ENQUIRE	1001348



BRASS SCREW CUP WASHERS
NICKEL PLATED

WASCA

SIZE			PACKET QTY	PACKET PRICE	CARTON QTY	CARTON PRICE	PRODUCT CODE
NO. 4			1000	ENQUIRE	25000	ENQUIRE	1000492
NO. 6			1000	ENQUIRE	25000	ENQUIRE	1000493
NO. 8			1000	ENQUIRE	10000	ENQUIRE	1000494
NO.10			1000	ENQUIRE	10000	ENQUIRE	1000495

* FOR ANY ITEMS MARKED **ENQUIRE** PLEASE CHECK FOR TOOLING, PRICE & AVAILABILITY*



FLAT STEEL WASHERS
METRIC
Trivalent (Cr3) and Hexavalent ZINC

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PRICE per 1000

SIZE	OUTSIDE DIAMETER	GAUGE	PACKET QTY	PACKET PRICE	CARTON QTY	CARTON PRICE	PRODUCT CODE	Cr3
2.0MM	5.0MM	0.3MM	200	10.00	10000	9.80	1000245	
2.5MM	6.5MM	0.5MM	200	10.40	10000	10.19	1000246	Y
3.0MM	7.0MM	0.5MM	200	6.80	10000	6.66	1000247	Y
4.0MM	9.0MM	0.8MM	200	7.40	10000	7.25	1000248	Y
5.0MM	10.0MM	1.0MM	200	8.80	10000	8.62	1000249	Y
6.0MM	12.5MM	1.2MM	200	11.80	10000	11.56	1000250	Y
8.0MM	17.0MM	1.2MM	200	15.60	10000	15.29	1000251	Y
10.0MM	21.0MM	1.6MM	200	28.00	5000	27.44	1000252	Y
12.0MM	24.0MM	1.6MM	200	36.44	5000	35.71	1000253	Y
16.0MM	30.0MM	2.0MM	200	69.00	2000	67.62	1000254	Y
20.0MM	37.0MM	2.0MM	100	101.90	1000	99.86	1000255	Y
24.0MM	44.0MM	2.0MM	100	166.68	500	163.35	1000256	Y



FLAT STEEL WASHERS
METRIC - PLAIN AND ZINC YELLOW
TO D1 AS1237-1973 (DIN 125A)

WASCA

INSIDE DIAMETER	OUTSIDE DIAMETER	SIZE	CARTON QTY	PLAIN CARTON PRICE	PLAIN PRODUCT CODE	ZNY CARTON PRICE	ZNY PRODUCT CODE
6.0MM	12.5MM	1.6MM	10000	23.00	1002091	27.60	1002097
8.0MM	17.0MM	1.6MM	5000	52.80	1002092	70.00	1002098
10.0MM	21.0MM	2.0MM	5000	56.00	1002093	77.40	1002099
12.0MM	24.0MM	2.5MM	2500	64.00	1002094	83.20	1002100
16.0MM	30.0MM	3.0MM	1500	168.00	1002095	193.20	1002101
20.0MM	37.0MM	3.0MM	800	204.00	1002096	253.20	1002102



FLAT BRASS WASHERS
METRIC NORMAL SERIES - PLAIN
TO AS1237-1973

WASCA

INSIDE DIAMETER	OUTSIDE DIAMETER	SIZE	PACKET QTY	PACKET PRICE	CARTON QTY	CARTON PRICE	PRODUCT CODE
2.0MM	5.0MM	0.3MM	200	ENQUIRE	10000	ENQUIRE	1000269
2.5MM	6.5MM	0.5MM	200	ENQUIRE	10000	ENQUIRE	1000270
3.0MM	7.0MM	0.5MM	200	21.40	10000	20.97	1000271
4.0MM	9.0MM	0.8MM	200	27.20	10000	26.66	1000272
5.0MM	10.0MM	0.8MM	200	33.40	10000	32.73	1000273
6.0MM	12.5MM	1.0MM	200	53.20	10000	52.14	1000274
8.0MM	17.0MM	1.2MM	200	92.00	10000	90.16	1000275
10.0MM	21.0MM	1.2MM	200	160.00	5000	156.80	1000276
12.0MM	24.0MM	1.6MM	200	294.00	5000	288.12	1000277
16.0MM	30.0MM	2.0MM	200	516.00	2000	505.68	1000278
20.0MM	37.0MM	2.0MM	100	823.74	1000	807.27	1000279
24.0MM	44.0MM	2.0MM	100	1740.00	500	1705.20	1000280



HIGH TENSILE WASHERS ZINC AND YELLOW CHROMATE ASTM F436 1985

PRICE per 1000

SIZE	OUTSIDE DIAMETER	THICKNESS	PACKET QTY	PACKET PRICE	CARTON QTY	CARTON PRICE	PRODUCT CODE
1/4 (M6)	15.88MM	1.3/2.0MM	200	40.00	5000	ENQUIRE	1000630
5/16 (M8)	17.00MM	1.3/2.0MM	200	42.00	5000	ENQUIRE	1000631
3/8 (M10)	20.62MM	1.3/2.0MM	200	58.00	5000	ENQUIRE	1000632
3/8 (M10)	27.00MM	2.8/3.2MM	200	205.06	1000	ENQUIRE	1000633
7/16 (M11)	22.50MM	1.3/2.0MM	200	80.00	2000	ENQUIRE	1000634
1/2 (M12)	28.00MM	2.5/4.5MM	200	159.00	1000	ENQUIRE	1000635
9/16 (M14)	30.00MM	2.5/4.5MM	200	224.00	1000	ENQUIRE	1000636
5/8 (M16)	33.00MM	3.1/4.5MM	200	260.00	1000	ENQUIRE	1000637
3/4 (M20)	38.00MM	3.1/4.5MM	100	320.00	500	ENQUIRE	1000638
7/8 (M22)	44.00MM	3.5/4.5MM	100	440.00	500	ENQUIRE	1000639
M24	48.00MM	3.5/4.5MM	100	790.00	500	ENQUIRE	1000660
1	51.00MM	3.5/4.5MM	100	624.00	500	ENQUIRE	1000640
1-1/8	57.00MM	3.5/4.5MM	50	840.00	250	ENQUIRE	1001167
1-1/4	63.50MM	3.5/4.5MM	50	1040.00	250	ENQUIRE	1001168
1-3/8	69.85MM	3.5/4.5MM	50	1704.00	250	ENQUIRE	1001169
1-1/2	76.20MM	3.5/4.5MM	25	1776.00	125	ENQUIRE	1001170



STRUCTURAL WASHERS METRIC - BLACK AND GALVANISED AS 1252 -1983

SIZE			CARTON QTY	BLACK CARTON PRICE	PRODUCT CODE BLACK	GALV CARTON PRICE	PRODUCT CODE GALV
M12			1000	230.00	1006134	270.00	1005031
M16			800	256.00	1006135	280.00	1006138
M20			500	300.00	1006136	350.00	1006137
M22			350	756.00	1006140	904.00	1006164
M24			350	494.00	1004988	590.00	1006139
M27			250	1260.00	1009504	ENQUIRE	1008923
M30			250	800.00	1006168	968.00	1006165
M36			200	1520.00	1006167	1848.00	1006166

* FOR ANY ITEMS MARKED **ENQUIRE** PLEASE CHECK FOR TOOLING, PRICE & AVAILABILITY*



**COMMERCIAL BUILDERS WASHERS
METRIC - PLAIN, ZINC PLATED AND GALVANISED**

PRICE per 1000

SIZE	OUTSIDE DIAMETER	THICKNESS	CARTON QTY	CARTON PRICE	FINISH	PRODUCT CODE
M6	15.7 / 16.0	1.79 / 2.1	5000	16.00	STEEL	1002049
		Inner Pack	200	18.00	ZINC	1002059
					24.00	GALV
M8	19.7 / 21.0	1.79 / 2.1	4000	24.00	STEEL	1002050
		Inner Pack	200	28.00	ZINC	1002060
					32.00	GALV
M10	22.7 / 24.0	1.79 / 2.1	3000	34.00	STEEL	1002051
		Inner Pack	200	40.00	ZINC	1002061
					48.00	GALV
M12	26.7 / 28.0	2.29 / 2.71	2000	60.00	STEEL	1002052
		Inner Pack	100	65.00	ZINC	1002062
					76.00	GALV
M16	32.4 / 34.0	2.77 / 3.23	1000	96.00	STEEL	1002053
		Inner Pack	100	112.00	ZINC	1002063
					144.00	GALV
M20	37.4 / 39.0	2.77 / 3.23	800	138.00	STEEL	1002054
		Inner Pack	50	160.00	ZINC	1002064
					174.00	GALV
M24	52.0 / 54.2	3.75 / 4.25	300	340.00	STEEL	1002055
		Inner Pack	25	420.00	ZINC	1002065
					430.00	GALV
M30	58.1 / 60.0	4.73 / 5.27	200	460.00	STEEL	1002056
		Inner Pack	25	496.00	ZINC	1002066
					594.00	GALV
M36	70.1 / 72.0	5.71 / 6.30	100	810.00	STEEL	1002057
		Inner Pack	25	1034.00	GALV	1002077
M42	77.0 / 80.0	5.71 / 6.30	100	1196.00	STEEL	1002058
		Inner Pack	10	1920.00	GALV	1002078

**EXTRA LARGE WASHERS
METRIC - STEEL, ZINC AND GALV TO AS1237-TABLE A1**

SIZE	INSIDE DIAMETER	OUTSIDE DIAMETER	CARTON QTY	CARTON PRICE	FINISH	PRODUCT CODE
M10	11.0MM	28.7MM	1000	99.00	STEEL	1006899
				124.00	ZINC	1006909
				142.00	GALV	1006904
M12	14.0MM	37.0MM	500	164.00	STEEL	1006900
				180.00	ZINC	1006910
				190.00	GALV	1006905
M16	18.0MM	50.0MM	200	400.00	STEEL	1006901
				460.00	ZINC	1006911
				500.00	GALV	1006906
M20	22.0MM	60.0MM	150	580.00	STEEL	1006902
				660.00	ZINC	1006912
				700.00	GALV	1006907
M24	26.0MM	71.0MM	75	1080.00	STEEL	1006903
				1124.00	ZINC	1006913
				1440.00	GALV	1006908

**TOWER WASHERS
METRIC - GALVANISED**

SIZE	I.D.	O.D.	CARTON QTY	CARTON PRICE	PRODUCT CODE
M12	14 / 14.3	22.7 / 24	1000	220.00	1000971
M16	18 / 18.43	28.7 / 30	750	268.00	1000972
M20	22 / 22.52	35.4 / 37	750	360.00	1000973
M24	26 / 26.52	42.4 / 44	500	488.00	1000974



SQUARE WASHERS
METRIC - BLACK, ZINC AND GALVANISED

PRICE per 1000

HOLE	SIZE	THICKNESS	BLK - ZNC PACKET QTY	PRICE	BLACK PRODUCT CODE	GALV PRICE	GALV / ZNC PRODUCT CODE
8	40 X 40	3	500	280.00	1001100	350.00	1001097
10			500	280.00	1001101	350.00	1001098
			500 ZNC	360.00			1007524
12			500	280.00	1001180	350.00	1001099
10	50 X 50	3	300	360.00	1001102	490.00	1001106
10			300 ZNC	390.00			1001302
12			300	360.00	1001103	490.00	1001107
12			300 ZNC	390.00			1001261
16			300	380.00	1001104	490.00	1001108
20			300	380.00	1001105	490.00	1001109
10	50 X 50	5	200	ENQUIRE	1001110	680.00	1001114
12			200	490.00	1001111	680.00	1001115
16			200	490.00	1001112	680.00	1001116
20			200	490.00	1001113	680.00	1001117
10	50 X 50	6	150	ENQUIRE	1001118	ENQUIRE	1001122
12			150	600.00	1001119	840.00	1001123
16			150	600.00	1001120	840.00	1001179
20			150	600.00	1001121	840.00	1001124
12	65 X 65	5	100	820.00	1001125	1200.00	1001128
16			100	820.00	1001126	1200.00	1001130
20			100	820.00	1001127	1200.00	1001131
24			100	820.00	1001129	1200.00	1001132
12	65 X 65	6	100	900.00	1001133	1400.00	1001136
16			100	900.00	1001134	1400.00	1001138
20			100	900.00	1001135	1400.00	1001139
24			100	900.00	1001137	1400.00	1001140
12	75 X 75	5	50	1120.00	1001141	1600.00	1001146
16			50	1120.00	1001142	1600.00	1001147
20			50	1120.00	1001143	1600.00	1001148
24			50	1120.00	1001144	1600.00	1001149
30			50	ENQUIRE	1001145	ENQUIRE	1001150
12	75 X 75	6	50	ENQUIRE	1001151	ENQUIRE	1001156
16			50	ENQUIRE	1001152	2060.00	1001157
20			50	1300.00	1001153	2060.00	1001177
24			50	1300.00	1001154	2060.00	1001178
30			50	1430.00	1001155	2060.00	1001158



8° SQUARE TAPERED WASHERS
METRIC - BLACK AND GALVANISED

HOLE	SIZE		PACKET QTY	BLACK PRICE	BLACK PRODUCT CODE	GALV PRICE	GALV PRODUCT CODE
M10	40 X 40		100	1460.00	1006844	1800.00	1006845
M12	40 X 40		100	1460.00	1006848	1800.00	1006849
M16	40 X 40		100	1460.00	1006852	1800.00	1006853
M20	40 X 40		100	1460.00	1006856	1800.00	1006857
M22	50 X 50		100	ENQUIRE		ENQUIRE	
M27	50 X 50		100	ENQUIRE		ENQUIRE	
M24	50 X 50		100	2240.00	1006860	2640.00	1006861
M30	57 X 57		100	2920.00	1006864	3340.00	1006865
M33	57 X 57		100	ENQUIRE		ENQUIRE	
M36	57 X 57		100	ENQUIRE	1006868	ENQUIRE	1006869



FLAT SECTION SPRING WASHERS - METRIC
Black, Trivalent (Cr3) and Hexavalent Zinc to DIN 127 TYPE B
(SIMILAR TO AS1968-1976)

PRICE per 1000

INSIDE DIAMETER	NOMINAL	SECTION	PACKET QTY	PACKET PRICE	CARTON QTY	CARTON PRICE	PRODUCT CODE	Cr3
M3	1.3MM	0.8MM	200 ZNC	10.40	10000	10.19	1000403	Y
M4	1.5MM	0.9MM	200 ZNC	11.56	10000	11.33	1000404	Y
M5	1.8MM	1.2MM	200 ZNC	12.70	10000	12.45	1000405	Y
			200 BLK	18.48	10000	18.11	1008000	
M6	2.5MM	1.6MM	200 ZNC	17.00	10000	16.66	1000406	Y
			200 BLK	24.00	10000	23.52	1008001	
M8	3.0MM	2.0MM	200 ZNC	23.10	10000	22.64	1000407	Y
			200 BLK	22.00	10000	21.56	1008002	
M10	3.5MM	2.2MM	200 ZNC	27.72	5000	27.17	1000408	Y
			200 BLK	27.80	5000	27.24	1008004	
M12	4.0MM	2.5MM	200 ZNC	57.80	2000	56.64	1000409	Y
			200 BLK	49.67	2000	48.68	1008005	
M14	4.5MM	3.0MM	200 ZNC	96.00	2000	94.08	1008035	Y
			200 BLK	92.00	2000	90.16	1008007	
M16	5.0MM	3.5MM	200 ZNC	92.40	1000	90.55	1000410	Y
			200 BLK	92.00	1000	90.16	1008008	
M20	6.0MM	4.0MM	100 ZNC	144.00	1000	141.12	1000411	Y
			100 BLK	138.00	1000	135.24	1008010	
M24	7.0MM	5.0MM	100 ZNC	280.00	500	274.40	1000412	Y
			100 BLK	296.00	500	290.08	1008012	

IMPERIAL - Black, Trivalent (Cr3) and Hexavalent Zinc
to ANSI B18.21.1 1999

INSIDE DIAMETER	NOMINAL	SECTION	PACKET QTY	PACKET PRICE	CARTON QTY	CARTON PRICE	PRODUCT CODE	Cr3
1/8	3/64	1/32	200 ZNC	11.60	10000	11.37	1000834	Y
5/32	1/16	3/64	200 ZNC	13.00	10000	12.74	1000425	Y
3/16	1/16	3/64	200 ZNC	13.80	10000	13.52	1000426	Y
			200 BLK	22.00	10000	21.56	1008062	
1/4	3/32	1/16	200 ZNC	18.00	10000	17.64	1000427	Y
			200 BLK	18.00	10000	17.64	1008063	
5/16	1/8	5/64	200 ZNC	23.80	5000	23.32	1000428	Y
			200 BLK	22.20	5000	21.76	1008064	
3/8	1/8	3/32	200 ZNC	30.00	5000	29.40	1000429	Y
			200 BLK	28.60	5000	28.03	1008065	
7/16	5/32	3/32	200 ZNC	44.00	2000	43.12	1000430	Y
			200 BLK	41.60	2000	40.77	1008066	
1/2	3/16	1/8	200 ZNC	62.00	2000	60.76	1000431	Y
			200 BLK	57.80	2000	56.64	1008067	
9/16	3/16	1/8	200 ZNC	82.00	2000	80.36	1000432	Y
			200 BLK	70.00	2000	68.60	1008068	
5/8	7/32	5/32	200 ZNC	100.00	1000	98.00	1000433	Y
			200 BLK	91.60	1000	89.77	1008069	
3/4	1/4	3/16	100 ZNC	172.00	500	168.56	1000434	Y
			100 BLK	171.00	500	167.58	1008070	
7/8	1/4	7/32	100 ZNC	240.00	500	235.20	1000435	Y
			100 BLK	240.00	500	235.20	1008071	
1	5/16	1/4	100 ZNC	396.00	500	388.08	1000436	Y
			50 BLK	420.00	250	411.60	1008072	
1 1/8	5/16	1/4	25 ZNC	1200.00	250	1176.00	1008664	
1 1/4	5/16	1/4	25 ZNC	1260.00	125	1234.80	1008666	
1 1/2	3/8	1/4	25 ZNC	1560.00	125	1528.80	1008668	



SPRING WASHERS SQUARE SECTION AND IMPERIAL

METRIC



Black, Trivalent (Cr3) and Hexavalent Zinc

PAGE 9

PRICE per 1000

SIZE	NOMINAL	SECTION	PACKET QTY	PACKET PRICE	CARTON QTY	CARTON PRICE	PRODUCT CODE	Cr3
4MM	1.2	1.2	200 ZNC	18.00	10000	17.64	1008053	
			200 BLK	ENQUIRE	10000	Nil Stock	1008043	
4MM	1.5	1.5	200 ZNC	18.20	10000	17.84	1005221	Y
5MM	1.5	1.5	200 ZNC	16.40	10000	16.07	1004942	
			200 BLK	24.00	10000	23.52	1008044	
6MM	1.5	1.5	200 ZNC	20.00	10000	19.60	1007293	
			200 BLK	21.42	10000	20.99	1008045	
6MM	2.5	2.5	200 ZNC	29.92	10000	29.32	1004789	
8MM	2.0	2.0	200 ZNC	26.60	10000	26.07	1004202	
			200 BLK	23.20	10000	22.74	1008046	
8MM	2.5	2.5	200 ZNC	29.60	10000	29.01	1004794	
10MM	2.5	2.5	200 ZNC	32.00	5000	31.36	1004827	
			200 BLK	28.00	5000	27.44	1008047	
10MM	3.2	3.2	200 ZNC	58.00	5000	56.84	1004793	Y
12MM	2.5	2.5	200 ZNC	38.00	5000	37.24	1008058	
			200 BLK	38.00	5000	37.24	1008048	
12MM	3.2	3.2	200 ZNC	52.40	2000	51.35	1005033	Y
12MM	4.0	4.0	200 ZNC	87.00	2000	85.26	1005693	Y
16MM	3.2	3.2	200 ZNC	73.20	1000	71.74	1005121	
16MM	3.5	3.5	200 ZNC	92.00	2000	90.16	1008059	
			200 BLK	82.60	2000	80.95	1008049	
20MM	4.5	4.5	100 ZNC	172.00	1000	168.56	1008060	Y
			100 BLK	175.40	1000	171.89	1008050	
24MM	5.0	5.0	100 ZNC	332.00	500	325.36	1008061	
			100 BLK	336.00	500	329.28	1008051	
SIZE	NOMINAL	SECTION	PACKET QTY	PACKET PRICE	CARTON QTY	CARTON PRICE	PRODUCT CODE	Cr3
1/8	3/64	3/64	200 ZNC	12.70	10000	12.45	1005255	Y
5/32	3/64	3/64	200 ZNC	16.00	10000	15.68	1004818	
			200 BLK	26.00	10000	25.48	1008105	
5/32	1/16	1/16	200 ZNC	17.80	10000	17.44	1004987	
3/16	3/64	3/64	200 ZNC	19.00	10000	18.62	1004949	
			200 BLK	24.00	10000	23.52	1008106	
3/16	1/16	1/16	200 ZNC	19.60	10000	19.21	1005461	Y
1/4	3/32	3/32	200 ZNC	30.50	10000	29.89	1004791	Y
1/4	1/16	1/16	200 ZNC	19.60	10000	19.21	1004807	
			200 BLK	23.60	10000	23.13	1008107	
5/16	5/64	5/64	200 ZNC	30.00	10000	29.40	1004806	Y
			200 BLK	28.50	10000	27.93	1008108	
5/16	3/32	3/32	200 ZNC	30.80	10000	30.18	1005086	
3/8	3/32	3/32	200 ZNC	33.00	5000	32.34	1004816	
			200 BLK	28.35	5000	27.78	1008109	
3/8	1/8	1/8	200 ZNC	57.80	5000	56.64	1005305	
7/16	3/32	3/32	200 ZNC	38.00	5000	37.24	1005338	
			200 BLK	31.80	5000	31.16	1008110	
1/2	7/64	7/64	200 ZNC	46.00	2000	45.08	1008135	
			200 BLK	43.20	2000	42.34	1008111	
1/2	1/8	1/8	200 ZNC	54.60	2000	53.51	1005479	
1/2	5/32	5/32	200 ZNC	90.80	2000	88.98	1004870	
5/8	1/8	1/8	200 ZNC	64.00	2000	62.72	1005046	
			200 BLK	75.60	2000	74.09	1008112	
3/4	3/16	3/16	200 ZNC	283.50	1000	277.83	1005195	
3/4	1/4	1/4	100 ZNC	310.00	500	303.80	1006604	
			100 BLK	285.86	500	280.14	1008113	
7/8	3/16	3/16	100 ZNC	254.00	500	248.92	1008138	
			100 BLK	306.50	500	300.37	1008114	
1	3/16	3/16	50 ZNC	378.00	500	370.44	1008139	
			50 BLK	350.00	500	343.00	1008115	
1	5/16	5/16	50 ZNC	550.00	250	539.00	1008103	Y
			50 BLK	530.00	250	519.40	1008094	

* FOR ANY ITEMS MARKED ENQUIRE PLEASE CHECK FOR TOOLING, PRICE & AVAILABILITY*



FLAT SECTION HEAVY DUTY SPRING WASHERS - IMPERIAL



Black, Trivalent (Cr3) and Hexavalent Zinc

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PRICE per 1000

SIZE	SECTION SIZE		PACKET QTY	PACKET PRICE	CARTON QTY	CARTON PRICE	PRODUCT CODE	Cr3
3/16	3/32	1/16	200 ZNC	16.00	10000	15.68	1008095	Y
			200 BLK	ENQUIRE	10000	ENQUIRE	1008086	
1/4	1/8	1/16	200 ZNC	30.00	10000	29.40	1008096	Y
			200 BLK	23.24	10000	22.78	1008087	
5/16	9/64	3/32	200 ZNC	32.00	5000	31.36	1008097	Y
			200 BLK	28.40	5000	27.83	1008088	
3/8	5/32	3/32	200 ZNC	38.00	5000	37.24	1008098	Y
			200 BLK	38.00	5000	37.24	1008089	
7/16	3/16	1/8	200 ZNC	ENQUIRE	2000	ENQUIRE	1008099	
7/16	5/32	1/8	200 BLK	69.30	2000	67.91	1008090	
1/2	3/16	5/32	200 ZNC	84.00	2000	82.32	1008100	
			200 BLK	81.00	2000	79.38	1008091	
5/8	7/32	3/16	200 ZNC	162.00	1000	158.76	1008101	
			200 BLK	149.00	1000	146.02	1008092	
7/8	5/16	1/4	100 ZNC	484.00	250	474.32	1008102	
			100 BLK	430.00	250	421.40	1008093	
1 1/4	3/8	5/16	25 ZNC	1024.49	125	1004.00	1008085	Y
			25 BLK	892.00	125	874.16	1008073	

FLAT SECTION MEDIUM DUTY SPRING WASHERS METRIC - GALVANISED

SIZE	SECTION SIZE		PACKET QTY	PACKET PRICE	CARTON QTY	CARTON PRICE	PRODUCT CODE
M8	3.0	2	200	36.00	5000	35.28	1005083
M10	3.5	2.2	200	44.00	5000	43.12	1000970
M12	4	2.5	200	64.00	2000	62.72	1000969
M16	5	3.5	200	132.00	1000	129.36	1000968
M20	6	4	200	218.00	1000	213.64	1000967
M24	7.1	5	100	414.00	500	405.72	1000966

SQUARE SECTION SPRING WASHERS IMPERIAL - GALVANISED

SIZE	SECTION SIZE		PACKET QTY	PACKET PRICE	CARTON QTY	CARTON PRICE	PRODUCT CODE
1/4	1/16	1/16	200	33.20	10000	32.54	1008119
5/16	5/64	5/64	200	44.00	10000	43.12	1008120
3/8	3/32	3/32	200	53.20	5000	52.14	1008121
7/16	3/32	3/32	200	ENQUIRE	2000	ENQUIRE	1008122
1/2	7/64	7/64	200	77.96	2000	76.40	1008123
5/8	1/8	1/8	200	114.60	2000	112.31	1008124
3/4	1/4	1/4	200	450.00	500	441.00	1008125
7/8	3/16	3/16	200	ENQUIRE	500	ENQUIRE	1008126
1	3/16	3/16	200	560.00	500	548.80	1008127



INTERNAL LOCK WASHERS IMPERIAL - ZINC PLATED

PRICE per 1000

SIZE	INSIDE DIAMETER Min - Max	OUTSIDE DIAMETER Min - Max	PACKET QTY	PACKET PRICE		PACKET PRODUCT CODE
1/8	0.141-0.150	0.275-0.295	1000	7.80		1000447
5/32	0.168-0.176	0.325-0.340	1000	8.60		1000448
3/16	0.195-0.204	0.365-0.381	1000	9.60		1000449
1/4	0.256-0.267	0.460-0.478	1000	13.40		1000450
5/16	0.320-0.332	0.594-0.610	1000	19.60		1000451
3/8	0.384-0.398	0.670-0.692	1000	30.00		1000452
7/16	0.448-0.464	0.740-0.789	1000	52.80		1000960
1/2	0.512-0.530	0.867-0.900	1000	62.40		1000453
5/8	0.640-0.663	1.045-1.071	500	96.00		1000454
3/4	0.769-0.795	1.220-1.245	500	129.60		1000455
7/8	0.894-0.927	1.364-1.410	500	252.00		1000456
1	1.019-1.060	1.590-1.637	250	456.00		1006341

SIZE	INSIDE DIAMETER Min - Max	OUTSIDE DIAMETER Min - Max	CARTON QTY	CARTON PRICE		CARTON PRODUCT CODE
1/8	0.141-0.150	0.275-0.295	10000	7.40		1000437
5/32	0.168-0.176	0.325-0.340	10000	8.00		1000438
3/16	0.195-0.204	0.365-0.381	10000	9.20		1000439
1/4	0.256-0.267	0.460-0.478	10000	13.80		1000440
5/16	0.320-0.332	0.594-0.610	10000	19.20		1000441
3/8	0.384-0.398	0.670-0.692	10000	29.60		1000442
7/16	0.448-0.464	0.740-0.789	10000	54.40		1000695
1/2	0.512-0.530	0.867-0.900	10000	61.20		1000443
5/8	0.640-0.663	1.045-1.071	5000	94.00		1000444
3/4	0.769-0.795	1.220-1.245	5000	124.00		1000445
7/8	0.894-0.927	1.364-1.410	3500	248.00		1000446
1	1.019-1.060	1.590-1.637	2500	452.00		1005859

TOLERANCES FOR INTERNAL LOCK WASHERS TO ANSI B27.1

NOMINAL SIZE	INSIDE DIAMETER Min - Max	OUTSIDE DIAMETER Min - Max	DECIMAL EQUIVALENT	THICKNESS Min - Max
No.2	0.089 -0.095	0.175-0.200		0.010-0.015
No.3	0.102-0.109	0.215-0.232		0.012-0.019
No.4	0.115-0.123	0.255-0.270		0.015-0.019
No.5	0.129-0.136	0.245-0.280		0.017-0.021
No.6 - 1/8	0.141-0.150	0.275-0.295		0.017-0.021
No.8 - 5/32	0.168-0.176	0.325-0.340		0.018-0.023
No.10 - 3/16	0.195-0.204	0.365-0.381		0.020-0.025
No.12	0.221-0.231	0.394-0.410		0.020-0.025
1/4	0.256-0.267	0.460-0.478		0.023-0.028
5/16	0.320-0.332	0.594-0.610		0.028-0.034
3/8	0.384-0.398	0.670-0.692		0.032-0.040
7/16	0.448-0.464	0.740-0.789		0.032-0.040
1/2	0.512-0.530	0.867-0.900		0.037-0.045
9/16	0.576-0.596	0.957-0.985		0.037-0.045
5/8	0.640-0.663	1.045-1.071		0.042-0.050
11/16	0.704-0.728	1.130-1.166		0.042-0.050
3/4	0.769-0.795	1.220-1.245		0.047-0.055
13/16	0.832-0.861	1.290-1.315		0.047-0.055
7/8	0.894-0.927	1.364-1.410		0.052-0.060
1	1.019-1.060	1.590-1.637		0.059-0.067
1 - 1/8	1.144-1.192	1.799-1.830		0.059-0.067
1 - 1/4	1.1275-1.325	1.921-1.975		0.059-0.067



INTERNAL LOCK WASHERS METRIC - ZINC PLATED

PRICE per 1000

SIZE	INSIDE DIAMETER Min - Max	OUTSIDE DIAMETER Min - Max	PACKET QTY	PACKET PRICE			PACKET PRODUCT CODE
M3	3.15-3.3	6.85-7.35	1000	7.80			1000816
M4	4.15-4.3	8.25-8.75	1000	8.40			1000817
M5	5.15-5.3	10.00-10.50	1000	9.60			1000818
M6	6.20-6.5	12.20-12.95	1000	14.40			1000819
M8	8.20-8.5	14.75-15.50	1000	19.60			1000820
M10	10.20-10.6	16.85-17.60	1000	42.00			1000821
M12	12.30-12.7	19.50-20.25	1000	62.40			1000822
M16	16.40-17	26.20-27.20	500	105.60			1000823
M20	20.50-21.2	31.00-32.00	500	144.00			1000824

SIZE	INSIDE DIAMETER Min - Max	OUTSIDE DIAMETER Min - Max	CARTON QTY	CARTON PRICE			CARTON PRODUCT CODE
M3	3.15-3.3	6.85-7.35	10000	7.40			1000807
M4	4.15-4.3	8.25-8.75	10000	8.00			1000808
M5	5.15-5.3	10.00-10.50	10000	9.20			1000809
M6	6.20-6.5	12.20-12.95	10000	13.60			1000810
M8	8.20-8.5	14.75-15.50	10000	18.60			1000811
M10	10.20-10.6	16.85-17.60	10000	40.00			1000812
M12	12.30-12.7	19.50-20.25	5000	61.20			1000813
M16	16.40-17	26.20-27.20	2000	103.50			1000814
M20	20.50-21.2	31.00-32.00	2000	140.00			1000815

TOLERANCES FOR INTERNAL LOCK WASHERS TO ANSI B27.1

NOMINAL SIZE	INSIDE DIAMETER Min - Max	OUTSIDE DIAMETER Min - Max		THICKNESS Min - Max
2.2	2.25-2.4	4.40-4.70		0.25-0.35
2.5	2.65-2.8	5.05-5.35		0.25-0.35
2.9	2.92-3.12	6.25-6.75		0.30-0.45
3	3.15-3.3	6.85-7.35		0.35-0.50
3.5	3.65-3.08	7.55-8.05		0.40-0.55
4	4.15-4.3	8.25-8.75		0.45-0.60
4.2	4.27-4.47	8.25-8.75		0.45-0.60
4.8	4.95-5.18	9.20-9.70		0.50-0.65
5	5.15-5.3	10.00-10.50		0.55-0.70
5.5	5.61-5.87	10.00-10.50		0.55-0.70
6	6.20-6.5	12.20-12.95		0.55-0.70
6.3	6.50-6.8	12.20-12.95		0.55-0.70
8	8.20-8.5	14.75-15.50		0.70-0.85
9.5	9.75-10.11	16.85-17.60		0.80-1.00
10	10.20-10.6	16.85-17.60		0.80-1.00
12	12.30-12.7	19.50-20.25		0.80-1.00
14	14.30-14.8	21.90-22.90		0.95-1.15
16	16.40-17	26.20-27.20		1.05-1.25
20	20.50-21.2	31.00-32.00		1.20-1.40
24	24.50-25.3	34.50-35.30		1.30-1.50
30	30.60-31.4	45.10-46.30		1.50-1.70



EXTERNAL LOCK WASHERS IMPERIAL - ZINC PLATED

PRICE per 1000

SIZE	INSIDE DIAMETER Min - Max	OUTSIDE DIAMETER Min - Max	PACKET QTY	PACKET PRICE		PACKET PRODUCT CODE
1/8	0.141-0.150	0.275-0.295	1000	7.80		1000467
5/32	0.168-0.176	0.325-0.340	1000	8.60		1000468
3/16	0.195-0.204	0.365-0.381	1000	9.60		1000469
1/4	0.256-0.267	0.460-0.478	1000	14.40		1000470
5/16	0.320-0.332	0.594-0.610	1000	19.60		1000471
3/8	0.384-0.398	0.670-0.692	1000	30.00		1000472
7/16	0.448-0.464	0.740-0.789	1000	55.60		1001000
1/2	0.512-0.530	0.867-0.900	1000	62.40		1000473
5/8	0.640-0.663	1.045-1.071	500	96.00		1000474
3/4	0.769-0.795	1.220-1.245	500	129.60		1000475
7/8	0.894-0.927	1.364-1.410	500	252.00		1000476
1	1.019-1.060	1.590-1.637	250	456.00		1002105

SIZE	INSIDE DIAMETER Min - Max	OUTSIDE DIAMETER Min - Max	CARTON QTY	CARTON PRICE		CARTON PRODUCT CODE
1/8	0.141-0.150	0.275-0.295	10000	7.40		1000457
5/32	0.168-0.176	0.325-0.340	10000	8.00		1000458
3/16	0.195-0.204	0.365-0.381	10000	9.20		1000459
1/4	0.256-0.267	0.460-0.478	10000	13.80		1000460
5/16	0.320-0.332	0.594-0.610	10000	19.20		1000461
3/8	0.384-0.398	0.670-0.692	10000	29.60		1000462
7/16	0.448-0.464	0.740-0.789	10000	54.40		1000999
1/2	0.512-0.530	0.867-0.900	10000	61.20		1000463
5/8	0.640-0.663	1.045-1.071	5000	94.00		1000464
3/4	0.769-0.795	1.220-1.245	5000	124.00		1000465
7/8	0.894-0.927	1.364-1.410	5000	248.00		1000466
1	1.019-1.060	1.590-1.637	2500	452.00		1002104

TOLERANCES FOR EXTERNAL LOCK WASHERS TO ANSI B27.1

NOMINAL SIZE	INSIDE DIAMETER Min - Max	OUTSIDE DIAMETER Min - Max	DECIMAL EQUIVALENT	THICKNESS Min - Max
No.2	0.089 -0.095	0.175-0.200		0.010-0.015
No.3	0.102-0.109	0.215-0.232		0.012-0.019
No.4	0.115-0.123	0.255-0.270		0.015-0.019
No.5	0.129-0.136	0.245-0.280		0.017-0.021
No.6 - 1/8	0.141-0.150	0.275-0.295		0.017-0.021
No.8 - 5/32	0.168-0.176	0.325-0.340		0.018-0.023
No.10 - 3/16	0.195-0.204	0.365-0.381		0.020-0.025
No.12	0.221-0.231	0.394-0.410		0.020-0.025
1/4	0.256-0.267	0.460-0.478		0.023-0.028
5/16	0.320-0.332	0.594-0.610		0.028-0.034
3/8	0.384-0.398	0.670-0.692		0.032-0.040
7/16	0.448-0.464	0.740-0.789		0.032-0.040
1/2	0.512-0.530	0.867-0.900		0.037-0.045
9/16	0.576-0.596	0.957-0.985		0.037-0.045
5/8	0.640-0.663	1.045-1.071		0.042-0.050
11/16	0.704-0.728	1.130-1.166		0.042-0.050
3/4	0.769-0.795	1.220-1.245		0.047-0.055
13/16	0.832-0.861	1.290-1.315		0.047-0.055
7/8	0.894-0.927	1.364-1.410		0.052-0.060
1	1.019-1.060	1.590-1.637		0.059-0.067
1 - 1/8	1.144-1.192	1.799-1.830		0.059-0.067
1 - 1/4	1.1275-1.325	1.921-1.975		0.059-0.067



EXTERNAL LOCK WASHERS METRIC - ZINC PLATED

PRICE per 1000

SIZE	INSIDE DIAMETER Min - Max	OUTSIDE DIAMETER Min - Max	PACKET QTY	PACKET PRICE		PACKET PRODUCT CODE
M3	3.15-3.3	6.85-7.35	1000	7.80		1000825
M4	4.15-4.3	8.25-8.75	1000	8.40		1000845
M5	5.15-5.3	10.00-10.50	1000	9.60		1000827
M6	6.20-6.5	12.20-12.95	1000	14.40		1000828
M8	8.20-8.5	14.75-15.50	1000	19.60		1000829
M10	10.20-10.6	16.85-17.60	1000	42.00		1000830
M12	12.30-12.7	19.50-20.25	1000	62.40		1000831
M16	16.40-17	26.20-27.20	500	105.60		1000832
M20	20.50-21.2	31.00-32.00	500	144.00		1000833

SIZE	INSIDE DIAMETER Min - Max	OUTSIDE DIAMETER Min - Max	CARTON QTY	CARTON PRICE		CARTON PRODUCT CODE
M3	3.15-3.3	6.85-7.35	10000	7.40		1000846
M4	4.15-4.3	8.25-8.75	10000	8.00		1000836
M5	5.15-5.3	10.00-10.50	10000	9.20		1000837
M6	6.20-6.5	12.20-12.95	10000	13.60		1000838
M8	8.20-8.5	14.75-15.50	10000	18.60		1000839
M10	10.20-10.6	16.85-17.60	10000	40.00		1000840
M12	12.30-12.7	19.50-20.25	10000	61.20		1000841
M16	16.40-17	26.20-27.20	5000	103.50		1000842
M20	20.50-21.2	31.00-32.00	5000	140.00		1000843

TOLERANCES FOR EXTERNAL LOCK WASHERS TO ANSI B27.1

NOMINAL SIZE	INSIDE DIAMETER Min - Max	OUTSIDE DIAMETER Min - Max	THICKNESS Min - Max
2.2	2.25-2.4	4.40-4.70	0.25-0.35
2.5	2.65-2.8	5.05-5.35	0.25-0.35
2.9	2.92-3.12	6.25-6.75	0.30-0.45
3	3.15-3.3	6.85-7.35	0.35-0.50
3.5	3.65-3.08	7.55-8.05	0.40-0.55
4	4.15-4.3	8.25-8.75	0.45-0.60
4.2	4.27-4.47	8.25-8.75	0.45-0.060
4.8	4.95-5.18	9.20-9.70	0.50-0.65
5	5.15-5.3	10.00-10.50	0.55-0.70
5.5	5.61-5.87	10.00-10.50	0.55-0.70
6	6.20-6.5	12.20-12.95	0.55-0.70
6.3	6.50-6.8	12.20-12.95	0.55-0.70
8	8.20-8.5	14.75-15.50	0.70-0.85
9.5	9.75-10.11	16.85-17.60	0.80-1.00
10	10.20-10.6	16.85-17.60	0.80-1.00
12	12.30-12.7	19.50-20.25	0.80-1.00
14	14.30-14.8	21.90-22.90	0.95-1.15
16	16.40-17	26.20-27.20	1.05-1.25
20	20.50-21.2	31.00-32.00	1.20-1.40
24	24.50-25.3	34.50-35.30	1.30-1.50
30	30.60-31.4	45.10-46.30	1.50-1.70



WASHERS RED FIBRE

PRICE per 1000

I.D.	O.D.		PACKET QTY	1/32 PACKET PRICE	1/32 PRODUCT CODE	1/16 PACKET PRICE	1/16 PRODUCT CODE
3/32	1/4		1000	40.60	1000661	60.00	1000674
1/8	5/16		1000	17.80	1000662	42.00	1000675
1/8	3/8		1000	29.90	1000663	45.80	1000676
5/32	3/8		1000	24.50	1000664	45.80	1000677
3/16	7/16		1000	27.60	1000665	46.00	1000678
3/16	1/2		1000	36.00	1000666	50.00	1000679
1/4	1/2		1000	36.00	1000667	50.00	1000680
1/4	9/16		1000	39.60	1000668	53.00	1000681
1/4	5/8		1000	50.80	1000669	82.00	1000682
5/16	5/8		1000	54.00	1000670	82.00	1000683
5/16	3/4		1000	60.00	1000671	86.00	1000684
3/8	3/4		1000	60.00	1000672	86.00	1000685
1/2	1		1000	78.40	1000673	98.00	1000686

WASHERS NYLON

I.D.	O.D.	THICKNESS	PACKET QTY	PACKET PRICE	CARTON QTY	CARTON PRICE	PRODUCT CODE
1/8	5/16	1/32	1000	37.59	ENQUIRE	ENQUIRE	1000728
5/32	3/8	1/32	1000	42.00	ENQUIRE	ENQUIRE	1000729
3/16	7/16	1/32	1000	44.10	ENQUIRE	ENQUIRE	1000730
3/16	1/2	1/32	1000	54.60	ENQUIRE	ENQUIRE	1000731
1/4	1/2	1/32	1000	54.60	ENQUIRE	ENQUIRE	1000732
5/16	5/8	1.0MM	1000	68.46	ENQUIRE	ENQUIRE	1000733
3/8	3/4	1/16	1000	96.60	ENQUIRE	ENQUIRE	1000734
1/2	1	1/16	1000	134.40	ENQUIRE	ENQUIRE	1000735
M3	8MM	0.8MM	1000	37.80	ENQUIRE	ENQUIRE	1000736
M4	7MM	0.8MM	1000	42.00	ENQUIRE	ENQUIRE	1000737
M5	11.2MM	0.8MM	1000	44.10	ENQUIRE	ENQUIRE	1000738
M6	14.0MM	1.0MM	1000	54.60	ENQUIRE	ENQUIRE	1000739
M8	16.0MM	1.0MM	1000	68.46	ENQUIRE	ENQUIRE	1000740
M10	21.0MM	1.5MM	1000	95.76	ENQUIRE	ENQUIRE	1000741
M12	25.0MM	1.5MM	1000	134.40	ENQUIRE	ENQUIRE	1000742
M16	30.0MM	2.0MM	200	345.00	ENQUIRE	ENQUIRE	1008676
M20	37.0MM	3.0MM	100	545.00	ENQUIRE	ENQUIRE	1008677

WASHERS ALUMINIUM

I.D.	O.D.	GAUGE	PACKET QTY	PACKET PRICE	BULK QTY	CARTON PRICE	PRODUCT CODE
1/8	3/8	20	1000	ENQUIRE	ENQUIRE	ENQUIRE	1001217
5/32	3/8	20	1000	ENQUIRE	ENQUIRE	ENQUIRE	1001219
3/16	3/8	20	1000	ENQUIRE	ENQUIRE	ENQUIRE	1001221
3/16	7/16	20	1000	ENQUIRE	ENQUIRE	ENQUIRE	1001223
3/16	1/2	20	1000	ENQUIRE	ENQUIRE	ENQUIRE	1001225
1/4	1/2	20	1000	ENQUIRE	ENQUIRE	ENQUIRE	1001227
1/4	5/8	18	1000	ENQUIRE	ENQUIRE	ENQUIRE	1001229
1/4	3/4	18	1000	ENQUIRE	ENQUIRE	ENQUIRE	1001231
5/16	5/8	18	1000	ENQUIRE	ENQUIRE	ENQUIRE	1001233
5/16	3/4	18	1000	ENQUIRE	ENQUIRE	ENQUIRE	1001235
3/8	3/4	18	1000	ENQUIRE	ENQUIRE	ENQUIRE	1001237
3/8	7/8	16	1000	ENQUIRE	ENQUIRE	ENQUIRE	1001239
3/8	1	16	500	ENQUIRE	ENQUIRE	ENQUIRE	1001241
1/2	1	16	500	ENQUIRE	ENQUIRE	ENQUIRE	1001243
1/2	1 1/8	16	500	ENQUIRE	ENQUIRE	ENQUIRE	1001245



**B.A. SMALL SERIES STEEL WASHERS
ZINC PLATED - TO BS 3410:1961**

PRICE per 1000

BA No	INSIDE DIAMETER	OUTSIDE DIAMETER	GAUGE	PACKET QTY	PACKET PRICE	CARTON QTY	CARTON PRICE	PRODUCT CODE	BA No
0	.251/.256	.495/.500	18	200	ENQUIRE	10000	ENQUIRE	1000527	0
1	.223/.226	.438/.443	20	200	ENQUIRE	10000	ENQUIRE	1000528	1
2	.197/.202	.386/.391	20	200	ENQUIRE	10000	ENQUIRE	1000529	2
3	.172/.177	.336/.341	22	200	ENQUIRE	10000	ENQUIRE	1000530	3
4	.152/.157	.296/.301	22	200	ENQUIRE	10000	ENQUIRE	1000531	4
5	.135/.140	.263/.268	22	200	ENQUIRE	10000	ENQUIRE	1000532	5
6	.118/.123	.228/.233	24	200	ENQUIRE	10000	ENQUIRE	1000533	6
7	.106/.111	.222/.227	24	500	ENQUIRE	10000	ENQUIRE	1000534	7
8	.094/.099	.180/.185	24	500	ENQUIRE	10000	ENQUIRE	1000535	8
10	.073/.078	.170/.176	24	500	ENQUIRE	10000	ENQUIRE	1000536	10



**B.A. SMALL SERIES BRASS WASHERS
TO BS 3410:1961**

BA No	INSIDE DIAMETER	OUTSIDE DIAMETER	GAUGE	PACKET QTY	PACKET PRICE	CARTON QTY	CARTON PRICE	PRODUCT CODE	BA No
0	.251/.256	.495/.500	21	200	ENQUIRE	10000	ENQUIRE	1000547	0
1	.223/.226	.438/.443	21	200	ENQUIRE	10000	ENQUIRE	1000548	1
2	.197/.202	.386/.391	21	200	ENQUIRE	10000	ENQUIRE	1000549	2
3	.172/.177	.336/.341	21	200	ENQUIRE	10000	ENQUIRE	1000550	3
4	.152/.157	.296/.301	21	200	ENQUIRE	10000	ENQUIRE	1000551	4
5	.135/.140	.263/.268	21	200	ENQUIRE	10000	ENQUIRE	1000552	5
6	.118/.123	.228/.233	24	200	ENQUIRE	10000	ENQUIRE	1000553	6
7	.106/.111	.222/.227	28	500	ENQUIRE	10000	ENQUIRE	1000554	7
8	.094/.099	.180/.185	28	500	ENQUIRE	10000	ENQUIRE	1000555	8
10	.073/.078	.170/.176	28	500	ENQUIRE	10000	ENQUIRE	1000556	10

*** FOR ANY ITEMS MARKED ENQUIRE PLEASE CHECK FOR TOOLING, PRICE & AVAILABILITY***



SPACING WASHERS IMPERIAL - ZINC PLATED

PRICE per 1000

INSIDE DIAMETER	OUTSIDE DIAMETER		PACKET QTY	PACKET PRICE	CARTON QTY	CARTON PRICE	PRODUCT CODE
5/32	3/8		1000	ENQUIRE	10000	ENQUIRE	
3/16	7/16		1000	ENQUIRE	10000	ENQUIRE	
7/32	1/4		1000	ENQUIRE	10000	ENQUIRE	
1/4	9/16		1000	ENQUIRE	10000	ENQUIRE	
9/32	5/8		1000	ENQUIRE	10000	ENQUIRE	
5/16	11/16		1000	ENQUIRE	10000	ENQUIRE	
3/8	3/4		1000	ENQUIRE	10000	ENQUIRE	
7/16	13/16		1000	ENQUIRE	10000	ENQUIRE	
1/2	7/8		1000	ENQUIRE	10000	ENQUIRE	
9/16	15/16		1000	ENQUIRE	10000	ENQUIRE	
5/8	1		1000	ENQUIRE	10000	ENQUIRE	
11/16	1-1/16		1000	ENQUIRE	10000	ENQUIRE	
3/4	1-1/8		1000	ENQUIRE	10000	ENQUIRE	
13/16	1-3/16		500	ENQUIRE	5000	ENQUIRE	
7/8	1-1/4		500	ENQUIRE	5000	ENQUIRE	
15/16	1-3/8		500	ENQUIRE	5000	ENQUIRE	
1	1-1/2		500	ENQUIRE	5000	ENQUIRE	
1-1/16	1-5/8		500	ENQUIRE	5000	ENQUIRE	
1-1/8	1-3/4		500	ENQUIRE	5000	ENQUIRE	
1-1/4	2		500	ENQUIRE	5000	ENQUIRE	
1-3/8	2-1/8		500	ENQUIRE	5000	ENQUIRE	
1-1/2	2-1/4		500	ENQUIRE	5000	ENQUIRE	



SPLIT PINS TO DIN 94 ZINC PLATED

GAUGE	LENGTH		PACKET QTY	PACKET PRICE	CARTON QTY		PRODUCT CODE
2.0	25		1000	43.60	N/A		1006490
2.5	50		1000	55.50	N/A		1006491
4.0	50		500	97.00	N/A		1006492
1.6	22		1000	29.70	N/A		1006493
2.0	36		1000	49.50	N/A		1006494
2.5	25		1000	43.60	N/A		1006495
3.2	20		1000	41.60	N/A		1006496
3.2	25		1000	43.60	N/A		1006497
3.2	36		1000	61.40	N/A		1006498
4.0	36		1000	79.20	N/A		1006499
2.5	36		1000	45.60	N/A		1006500
5.0	50		500	140.60	N/A		1006501
5.0	32		500	102.90	N/A		1006502
2.5	40		1000	45.60	N/A		1006503
3.2	32		1000	45.60	N/A		1006504
3.2	40		1000	63.40	N/A		1006507



BSW STEEL HEXAGON PRESSED NUTS ZINC PLATED

PRICE per 1000

SIZE	ACROSS FLATS MIN	ACROSS FLATS MAX	PACKET QTY	PACKET PRICE	CARTON QTY	CARTON PRICE	PRODUCT CODE
1/8	.250	.244	200	15.20	10000	14.90	1000755
5/32	.312	.306	200	18.73	10000	18.36	1000756
3/16	.375	.369	200	21.59	10000	21.16	1000757
1/4	.500	.492	200	66.60	5000	65.27	1000758
5/16	.500	.492	200	92.00	5000	90.16	1004902

BSW STEEL SQUARE PRESSED NUTS ZINC PLATED

SIZE	ACROSS FLATS MIN	ACROSS FLATS MAX	PACKET QTY	PACKET PRICE	CARTON QTY	CARTON PRICE	PRODUCT CODE
1/8	.250	.244	200	20.60	10000	20.19	1000771
5/32	.312	.306	200	25.40	10000	24.89	1000772
3/16	.375	.369	200	28.50	10000	27.93	1000773
1/4	.500	.492	200	60.00	5000	58.80	1000774

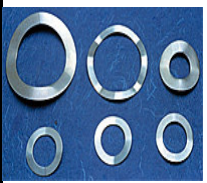
BSW BRASS HEXAGON PRESSED NUTS

SIZE	ACROSS FLATS MIN	ACROSS FLATS MAX	PACKET QTY	PACKET PRICE	CARTON QTY	CARTON PRICE	PRODUCT CODE
1/8	.250	.244	200	ENQUIRE	10000	ENQUIRE	1000779
3/16	.375	.369	200	99.00	10000	97.02	1000781

OTHER PRODUCTS

DESCRIPTION	PACKET QTY	PACKET PRICE	CARTON QTY	CARTON PRICE	PRODUCT CODE
FIGURE 8 WASHERS	500	104.00	5000	101.92	1002080
ANGLE BRACKET	250	75.80	2500	74.28	1002082
MIXED WASHERS					
ASSORTED SIZES AND FINISHES			25	98.00	1008931
RED FIBRE			25	98.00	1008932
NEOPRENE, NYLON AND FIBRE			25	87.50	1008933
WASHER ASSORTMENT KITS					
14 COMPARTMENT ZNY	EACH	56.00			1004281
18 COMPARTMENT ZINC	EACH	64.40			1004282
18 COMPARTMENT ZNY	EACH	64.40			1004283
14 COMPARTMENT RED FIBRE	EACH	70.00			1004571
14 COMPARTMENT NYLON	EACH	82.00			1004572
14 COMPARTMENT ZINC	EACH	56.00			1004584

* FOR ANY ITEMS MARKED **ENQUIRE** PLEASE CHECK FOR TOOLING, PRICE & AVAILABILITY*



BELLEVILLE AND CRINKLE WASHERS

PRICE per 1000

WASCA CODE	CODE	PLAIN DESCRIPTION	PACK PRICE	PACK QTY
1008200	JW 409	9.5 X 4.83 X 0.40	95.51	200
1008201	JW 410	9.5 X 4.83 X 0.45	176.92	200
1008202	JW 413	12.7 X 6.48 X 0.45	99.57	200
1008203	JW 414	12.7 X 6.48 X 0.70	85.76	200
1008204	JW 417	15.8 X 8.05 X 0.55	132.68	200
1008205	JW 418	15.8 X 8.05 X 0.90	118.25	200
1008206	JW 421	19.1 X 9.65 X 0.70	149.96	200
1008207	JW 422	19.1 X 9.65 X 1.00	207.09	200
1008208	JW 425	25.4 X 12.83 X 0.90	257.74	200
1008209	JW 426	25.4 X 12.83 X 1.20	258.55	200
1008210	JW 427	28.0 X 14.20 X 1.60	323.71	200
1008211	JW 429	31.8 X 16.00 X 1.00	415.11	200
1008212	JW 430	31.8 X 16.00 X 1.60	458.66	200
1008213	JW 433	38.1 X 19.18 X 1.20	536.99	200
1008214	JW 434	38.1 X 19.18 X 2.00	761.13	200

WASCA CODE	CODE	MECHANICAL ZINC DESCRIPTION	PACK PRICE	PACK QTY
1008218	JW 409	9.5 X 4.83 X 0.40	103.28	200
1090134	JW 410	9.5 X 4.83 x 0.45	193.96	200
1090135	JW 413	12.7 X 6.48 X 0.45	108.49	200
1008215	JW 414	12.7 X 6.48 X 0.70	103.91	200
1090136	JW 417	15.8 X 8.05 X 0.55	160.15	200
1008216	JW 418	15.8 X 8.05 X 0.90	161.91	200
1008219	JW 421	19.1 X 9.65 X 0.70	205.31	200
1008217	JW 422	19.1 X 9.65 X 1.00	283.53	200
1008220	JW 425	25.4 X 12.83 X 0.90	352.87	200
1090137	JW 426	25.4 X 12.83 X 1.20	353.95	200
1090138	JW 427	28.0 X 14.20 X 1.60	443.19	200
1090139	JW 429	31.8 X 16.00 X 1.00	446.85	200
1090140	JW 430	31.8 X 16.00 X 1.60	627.92	200
1090141	JW 433	38.1 X 19.18 X 1.20	735.16	200
1090144	JW 434	38.1 X 19.18 X 2.00	987.46	200

CRINKLE/WAVE WASHERS (IMPERIAL)

WASCA CODE	CODE	PLAIN DESCRIPTION	PACK PRICE	PACK QTY
1090208	WW 607	1/4" 0.265" X 0.500" X 0.014" X 0.052 FH	84.00	1000
1090192	WW 608	5/16" 0.332" X 0.600" X 0.014" X 0.052 FH	90.00	1000
1090171	WW 609	3/8" 0.406" X 0.700 X 0.022" X 0.064 FH	110.00	1000
1090209	WW 610	1/2" 0.530" X 0.950" X 0.022" X 0.076 FH	144.00	1000
1090204	WW 611	5/8" 0.656" X 1.170" X 0.028" X 0.090 FH	260.98	1000



SAFETY WASHERS

PRICE per 1000

SERRATED SAFETY WASHERS (VS SCHNORR EQUIVALENT)

PRODUCT CODE	ZINC DESCRIPTION	PACK QTY	PACK PRICE
1006876	3mm	1000	70.00
1006877	4mm	1000	78.00
1006878	5mm	1000	80.00
1006879	6mm	1000	82.00
1006880	8mm	1000	140.00
1006881	10mm	1000	220.00
1006882	12mm	500	240.00
1006883	14mm	500	300.00
1006884	16mm	500	380.00

HEAVY DUTY SAFETY WASHERS

PRODUCT CODE	PLAIN DESCRIPTION	PACK QTY	PACK PRICE
1008650	M6 x 14 x 1.5	2500	170.00
1008652	M8 x 18 x 2.0	1000	190.00
1008654	M10 x 23 x 2.5	500	370.00
1008656	M12 x 29 x 3.0	250	645.00
1008658	M16 x 39 x 4.0	100	1653.00
1008660	M20 x 45 x 5.0	100	3695.00
1008662	M24 x 56 x 6.0	50	7382.00

MECHANICAL ZN YELLOW

PRODUCT CODE	DESCRIPTION	PACK QTY	PACK PRICE
1008651	M6 x 14 x 1.5	2500	180.00
1008653	M8 x 18 x 2.0	1000	220.00
1008655	M10 x 23 x 2.5	500	428.00
1008657	M12 x 29 x 3.0	250	740.00
1008659	M16 x 39 x 4.0	100	1843.00
1008661	M20 x 45 x 5.0	100	4056.00
-	M24 x 56 x 6.0	50	8493.00