

DIMENSIONAL DATA

451-083 to 451-162

Spring Washers

Metric, Fractional and BA

Dimensions in mm

BA	Bolt size Fractional	Metric	Single Coil Rectangular BS 4464 (DIN 127B) Type B			Single Coil Square BS 4464 (DIN 7980) Type A	
			O/D max	Width	Thickness	O/D max	Square section
10		M2	4.0	0.9	0.5	3.7	0.8
8		M2.3	4.3	0.9	0.5	4.0	0.8
6		M2.6	4.8	1.0	0.6	4.3	0.8
4		M3	5.1	1.0	0.6	4.6	0.8
2	$\frac{1}{8}$ "	M3.5	6.1	1.3	0.8	5.5	1.0
0	$\frac{3}{32}$ "	M4	6.3	1.3	0.8	5.7	1.0
	$\frac{1}{4}$ "	M5	7.55	1.5	0.9	6.0	1.0
	$\frac{3}{8}$ "	M6	8.15	1.8	1.2	6.95	1.2
	$\frac{1}{2}$ "	M8	11.7	2.5	1.6	8.55	1.5
	$\frac{5}{8}$ "	M10	12.0	2.5	1.6	9.6	1.5
	$\frac{3}{4}$ "	M12	14.85	3.0	2.0	10.2	1.65
	$\frac{7}{8}$ "	M14	17.45	3.5	2.2	12.75	2.0
	1"	M16	18.0	3.5	2.2	15.35	2.5
	$1\frac{1}{8}$ "	M18	19.1	3.5	2.2	15.9	2.5
	$1\frac{1}{4}$ "	M20	21.0	4.0	2.5	17.0	2.5
	$1\frac{3}{8}$ "	M22	21.7	4.0	2.5	17.9	2.5
	$1\frac{1}{2}$ "	M24	24.1	4.5	3.0	19.7	3.0
	$1\frac{3}{4}$ "	M27	24.4	4.5	3.0	21.1	3.0
	2"	M30	27.3	5.0	3.5	22.4	3.5
	$2\frac{1}{8}$ "	M33	29.4	5.0	3.5	24.3	3.5
	$2\frac{1}{4}$ "	M36	32.5	6.0	4.0	26.4	3.5
	$2\frac{3}{8}$ "		33.5	6.0	4.0	28.9	4.0
	$2\frac{1}{2}$ "		35.7	6.0	4.0	30.5	4.5
	3"		39.8	7.0	5.0	32.7	4.5
	$3\frac{1}{8}$ "		40.2	7.0	5.0	35.7	5.0
	$3\frac{1}{4}$ "		43.0	7.0	5.0	37.1	5.0
	$3\frac{3}{8}$ "		46.6	8.0	6.0	38.9	5.0
	$3\frac{1}{2}$ "		48.0	8.0	6.0	41.5	5.5
	$3\frac{3}{4}$ "		52.8	10.0	6.0	43.9	6.0
	$4\frac{1}{8}$ "		55.1	10.0	6.0	44.7	6.0
	$4\frac{1}{4}$ "		56.5	10.0	6.0	47.0	6.0
	$4\frac{3}{8}$ "		58.1	10.0	6.0	48.4	6.0
						52.1	7.0