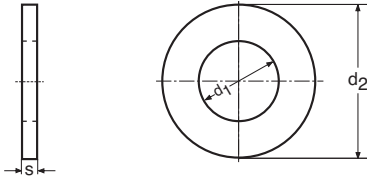


**Flat Washers**  
**Rondanas Planas**  
**Rondelles**

A2
A4



Bolt Size	M1.6	M2	M2.5	M3	M3.5	M4	M5	M6	M7	M8	M10
d <sub>1</sub>	1.7	2.2	2.7	3.2	3.7	4.3	5.3	6.4	7.4	8.4	10.5
d <sub>2</sub>	4	5	6.0	7	8	9	10	12	14	16	20
s	0.3	0.3	0.5	0.5	0.5	0.8	1	1.6	1.6	1.6	2
W	.024	.037	.88	.119	.155	.308	.443	1.02	1.39	1.83	3.57

Bolt Size	M12	M14	M16	M18	M20	M22	M24	M27	M30	M33	M36
d <sub>1</sub>	13	15	17	19	21	23	25	28	31	34	37
d <sub>2</sub>	24	28	30	34	37	39	44	50	56	60	66
s	2.5	2.5	3	3	3	3	4	4	4	5	5
W	6.27	8.62	11.3	14.7	17.2	18.3	32.3	42.3	53.6	75.3	92.1

Bolt Size	M39	M42
d <sub>1</sub>	40	43
d <sub>2</sub>	72	78
s	6	7
W	133	183

(W ~ Weights of standard sizes in kilograms per 1000 pieces)