

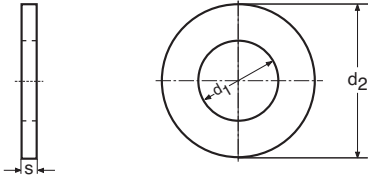
Flat Washers for bolts with heavy type spring pins (DIN 1481)

Rondanas plana

Rondelle pour vis avec goupilles élastiques lourdes

A2
A4

Type A



Bolt Size	M3	M4	M5	M6	M8	M10	M12	M14	M16	M18	M20
d ₁	3.2	4.3	5.3	6.4	8.4	10.5	13	15	17	19	21
d ₂	9	12	15	17	21	25	30	36	40	44	44
s	1	1.6	2	3	4	4	6	6	6	8	8
W	.436	1.24	2.43	4.59	9.15	12.7	27.1	39.6	48.5	77.4	73.4

Bolt Size	M22	M24	M27	M30
d ₁	23	25	28	31
d ₂	50	50	60	68
s	8	10	10	10
W	97.1	116	174	226

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