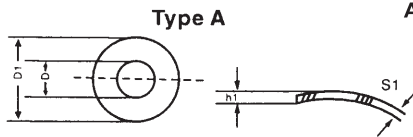




WAVE WASHERS

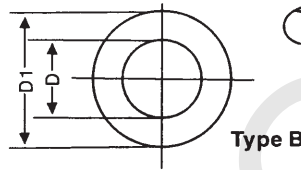
(BELLEVILLE TYPE & CORRUGATED TYPE)

DIN - 137



Type A

All Dimensions in millimeters



Type B

To order, indicate Type & Nom Bolt Dia
e.g. Spring Washers Corrugated Type (type B)
for Nom. Bolt Dia. 8 mm
order as : BELLEVILLE SPRING WASHERS (B8) DIN - 137

Nominal Bolt Dia	TYPE A						TYPE B						Wt. (7.85Kg/dm ³) Kg/1000 Pieces	For Metric Screws
	D H14	D1 J16	h1 Min	Tol.		S1	D H14	D2 J16	h2 Min	Tol.		S2		
2	2.2	4.5	0.6	± 0.1	0.3	± 0.03				± 0.2	0.5	± 0.05	0.028	2
3	3.2	6.0	0.9			0.4	3.2	8	1.1				0.063	3
4	4.3	8.0	1.2	± 0.2	0.5	± 0.05	4.3	9	1.2				0.140	4
5	5.3	10.0	1.4				5.3	11	1.4				0.222	5
6	6.4	11.0	1.6				6.4	12	1.5				0.247	6
8	8.4	15.0	2.4	± 0.3	0.8	± 0.06	8.4	17	2.0	± 0.3	0.8	± 0.06	0.476	8
10	10.5	18.0	2.8	± 0.4			10.5	21	2.4				1.05	10
12							13	24	2.9	± 0.4	1.2	± 0.07		12
16							17	30	3.6	± 0.5	1.5	± 0.08		16
20							21	36	4.4	± 0.7	1.6	± 0.1		20
24							25	44	4.8					24
30							31	56	5.9	± 0.9	2.2	± 0.15		30
36							37	68	6.8	± 1.0	2.5	± 0.15		36
42							43	78	8.0	± 1.2	3.0	± 0.2		42
							50	92	9.2	± 1.4	3.5	± 0.2	129	48

WAVE WASHERS

(FOR BALL BEARING USE)

Size No.	d1	D1	THK	H	
6201/6301	26.5	31.5	0.3	2.5	
6202	28.0	34.0	0.3	3.2	
6203/6302	33.0	38.5	0.4	3.5	
6204/6303	39.5	46.5	0.4	3.5	
6205/6304	41.0	51.0	0.4	4.0	
6206/6305	51.0	61.0	0.5	4.0	
6207/6306	61.0	71.0	0.5	4.5	
6208/6307	71.0	79.0	0.6	4.5	
6209/6308	79.0	89.0	0.6	5.0	
6210/6309	89.0	99.0	0.7	5.0	
6310	99.0	109.0	0.8	6.0	

Unit : mm

• Material = Carbon spring steel. Hardness HRC 40 to 50, Finish Blue natural
Note : 1. Free height H shows when 3 waves are the same height.