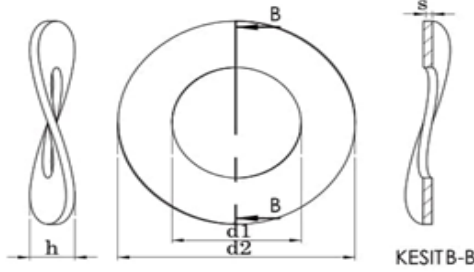


DIN 137/B

SPRING LOCK WASHERS (Waved)



Teknik Bilgiler / Technical Informations		M3	M3,5	M4	M5	M6	M7	M8
d1		3,20	3,70	4,30	5,30	6,40	7,40	8,40
d2		8,00	8,00	9,00	11,00	12,00	14,00	15,00
s		0,50	0,50	0,50	0,50	0,50	0,80	0,50
h	max.	1,60	1,80	2,00	2,20	2,60	3,00	3,00
h	min.	0,80	0,90	1,00	1,10	1,30	1,50	1,50
Diameter /Çap		3,00	3,50	4,00	5,00	6,00	7,00	8,00
gr/p		0,17	0,15	0,19	0,27	0,32	0,80	0,76

	M10	M12	M14	M16	M18	M20	M22
d1	10,50	13,00	15,00	17,00	19,00	21,00	23,00
d2	21,00	24,00	28,00	30,00	34,00	36,00	40,00
s	1,00	1,20	1,60	1,60	1,60	1,60	1,50
h	max.	4,20	5,00	6,00	6,40	6,60	7,40
h	min.	2,10	2,50	3,00	3,20	3,30	3,70
Diameter /Çap		10,00	12,00	14,00	16,00	18,00	20,00
gr/p		2,04	3,10	5,50	6,00	7,80	8,43

	24	27
d1	25,00	28,00
d2	44,00	50,00
s	1,80	2,00
h	max.	8,20
h	min.	4,10
Diameter /Çap		24,00
gr/p		14,50



DIN 137 Type A and B Spring Lock Washers are specialty spring lock washers – Unlike standard split helical spring lock washers, the DIN 137 lock washers are uninterrupted formed disks in either a curved or waved configuration that are non-directional allowing the screw and or nut to be tightened in a clockwise or counterclockwise manner. When compressed by tightening the nut, the DIN 137 lock washers exert a spring force between the tightened bolt and the substrate creating frictional resistance to rotation.