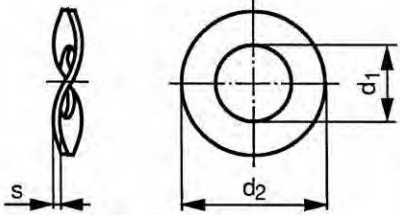


Wave spring washer

DIN 137 B



For nom.size	d ₁	d ₂	s	For nom.size	d ₁	d ₂	s
M3	3.2	8	0.5	M12	13	24	1.2
M3.5	3.7	8	0.5	M14	15	28	1.6
M4	4.3	9	0.5	M16	17	30	1.6
M5	5.3	11	0.5	M18	19	34	1.6
M6	6.4	12	0.5	M20	21	36	1.6
M7	7.4	14	0.8	M22	23	40	1.8
M8	8.4	15	0.8	M24	25	44	1.8
M10	10.5	21	1	M27	28	50	2

Materials

Material	Surface treatment
Spring steel DIN267-26	
Spring steel DIN267-26	Zipl yell.p.
St.St. A2	
St.St. A4	

Wave spring washer

Material	Spring steel DIN267-26		
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For nom. size		For nom. size		For nom. size	
M3	1000	M8	1000	M16	100
M4	1000	M10	500	M20	100
M5	1000	M12	500	M22	100
M6	1000	M14	100	M24	100
M7	1000				

- Spring washers acc. to DIN 137 should be used in combination with fasteners of property class < 5.8, use under dynamic load is not allowed.
- They are intended to counteract the effect of "play or setting" which results in bolt/nut assemblies working loose (see DIN 267-26).
- They do not effectively prevent loosening of the assembly under varying radial load and are designed for use with short bolts predominantly subject to thrust.
- For locking under dynamic load is referred to locking edge washers and NORD-LOCK vibration proof washers.
- **Warning:** electro-galvanizing of these products may cause hydrogen embrittlement.



Wave spring washer

Material	Spring steel DIN267-26	
Surface treatment	Zinc plated yellow passivated	

For nom. size		For nom. size		For nom. size	
M3	1000	M7	1000	M12	500
M4	1000	M8	1000	M14	100
M5	1000	M10	500	M16	100
M6	1000				

- Spring washers acc. to DIN 137 should be used in combination with fasteners of property class < 5.8, use under dynamic load is not allowed.
- They are intended to counteract the effect of "play or setting" which results in bolt/nut assemblies working loose (see DIN 267-26).
- They do not effectively prevent loosening of the assembly under varying radial load and are designed for use with short bolts predominantly subject to thrust.
- For locking under dynamic load is referred to locking edge washers and NORD-LOCK vibration proof washers.
- **Warning:** electro-galvanizing of these products may cause hydrogen embrittlement.



Wave spring washer	
Material	Stainless steel A2
DIN	≈137 B

For nom. size		For nom. size		For nom. size	
M3	200	M8	200	M20	50
M3,5*	1000	M10	100	M22*	100
M4	200	M12	100	M24	50
M5	200	M14*	200	M27*	100
M6	200	M16	100		
M7*	500	M18*	200		

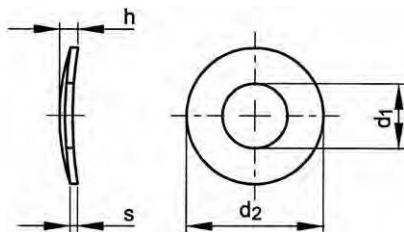
- Use under dynamic load is not allowed.
- For locking under dynamic load is referred to NORD-LOCK vibration proof washers.
- The austenetic steel type is at the manufacturer's discretion, and can vary from the steel types stated in DIN 267-11.

Wave spring washer	
Material	Stainless steel A4
DIN	≈137 B
NEN	≈2457
NF	≈E27-620

For nom. size		For nom. size		For nom. size	
M3*	1000	M5*	1000	M8*	500
M4*	1000	M6*	500		

Curved spring washer



DIN 137 A
NEN 2456

Technical Data

For nom.size	d ₁	d ₂	h (max.)	s
M2	2.2	4.5	1	0.3
M2.3	2.5	5	1	0.3
M2.5 (≠DIN)	2.6	5	1	0.3
M2.6	2.8	5.5	1.1	0.3
M3	3.2	6	1.3	0.4
M3.5	3.7	7	1.4	0.4
M4	4.3	8	1.6	0.5
M5	5.3	10	1.8	0.5
M6	6.4	11	2.2	0.5
M7	7.4	12	2.4	0.5
M8	8.4	15	3.4	0.5
M10	10.5	18	4	0.8

- Spring washers acc. to DIN 137 should be used in combination with fasteners of property class < 5.8, use under dynamic load is not allowed.
- They are intended to counteract the effect of "play or setting" which results in bolt/nut assemblies working loose (see DIN 267-26).
- They do not effectively prevent loosening of the assembly under varying radial load and are designed for use with short bolts predominantly subject to thrust.
- For locking under dynamic load is referred to locking edge washers and NORD-LOCK vibration proof washers.

Material	Surface treatment
Spring steel DIN267-26	
Spring steel DIN267-26	Zipl yell.p.
St.St. A1	

Curved spring washer	
Material	Spring steel DIN267-26



For nom. size		For nom. size		For nom. size	
M2	500	M3,5	500	M7	500
M2,3	500	M4	500	M8	500
M2,6	500	M5	500	M10	200
M3	500	M6	500		

- Warning: electro-galvanizing of these products may cause hydrogen embrittlement.

Curved spring washer

Material Spring steel DIN267-26
Surface treatment Zinc plated yellow passivated

For nom. size

M2 500
M2,5 500
M3 500

For nom. size

M4 500
M5 500
M6 500

For nom. size

M7 500
M8 500
M10 200

- Warning: electro-galvanizing of these products may cause hydrogen embrittlement.

Curved spring washer

Material Stainless steel A1

**For nom. size**

M2* 1000
M2,3* 1000
M2,5* 1000
M3* 1000

For nom. size

M3,5* 1000
M4* 1000
M5* 1000
M6* 500

For nom. size

M7* 500
M8* 500
M10* 500