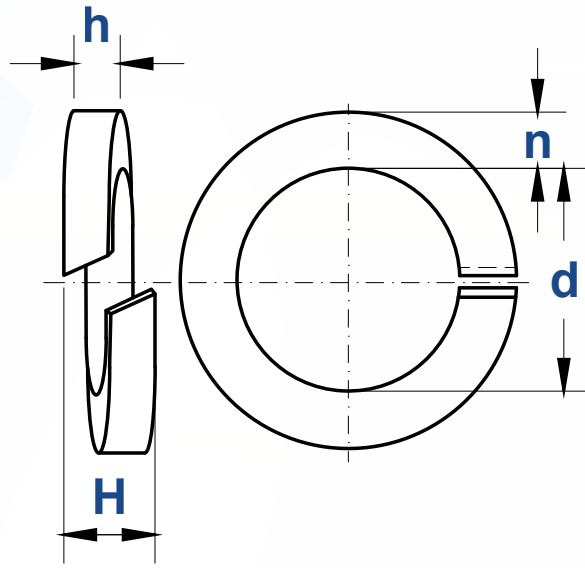




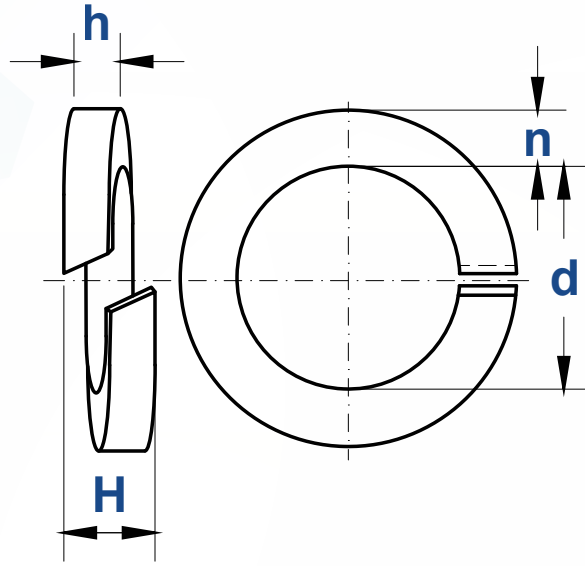
Nominal Diameter		Φ2	Φ2.2	Φ2.5	Φ3	Φ3.5	Φ4	Φ5	Φ6	Φ7	Φ8	Φ10	Φ12
d	min	2.1	2.3	2.6	3.1	3.6	4.1	5.1	6.1	7.1	8.1	10.2	12.2
	max	2.4	2.6	2.9	3.4	3.9	4.4	5.4	6.5	7.5	8.5	10.7	12.7
n	Nominal Size	0.9	1	1	1.3	1.3	1.5	1.8	2.5	2.5	3	3.5	4
	max	1	1.1	1.1	1.4	1.4	1.6	1.9	2.65	2.65	3.15	3.7	4.2
	min	0.8	0.9	0.9	1.2	1.2	1.4	1.7	2.35	2.35	2.85	3.3	3.8
h	Nominal Size	0.5	0.6	0.6	0.8	0.8	0.9	1.2	1.6	1.6	2	2.2	2.5
	max	0.6	0.7	0.7	0.9	0.9	1	1.3	1.7	1.7	2.1	2.35	2.65
	min	0.4	0.5	0.5	0.7	0.7	0.8	1.1	1.5	1.5	1.9	2.05	2.35
H	min	1	1.2	1.2	1.6	1.6	1.8	2.4	3.2	3.2	4	4.4	5
	max	1.2	1.4	1.4	1.9	1.9	2.1	2.8	3.8	3.8	4.7	5.2	5.9
per 1000 units ≈ kg		0.033	0.05	0.053	0.11	0.12	0.18	0.36	0.83	0.93	1.6	2.53	3.82

Nominal Diameter		Φ14	Φ16	Φ18	Φ20	Φ22	Φ24	Φ27	Φ30	Φ36	Φ39	Φ42	Φ45
d	min	14.2	16.2	18.2	20.2	22.5	24.5	27.5	30.5	36.5	39.5	42.5	45.5
	max	14.7	17	19	21.2	23.5	25.5	28.5	31.7	37.7	40.7	43.7	46.7
n	Nominal Size	4.5	5	5	6	6	7	7	8	10	10	12	12
	max	4.7	5.2	5.2	6.2	6.2	7.25	7.25	8.25	10.25	10.25	12.25	12.25
	min	4.3	4.8	4.8	5.8	5.8	6.75	6.75	7.75	9.75	9.75	11.75	11.75
h	Nominal Size	3	3.5	3.5	4	4	5	5	6	6	6	7	7
	max	3.15	3.7	3.7	4.2	4.2	5.2	5.2	6.2	6.2	6.2	7.25	7.25
	min	2.85	3.3	3.3	3.8	3.8	4.8	4.8	5.8	5.8	5.8	6.75	6.75
H	min	6	7	7	8	8	10	10	12	12	12	14	14
	max	7.1	8.3	8.3	9.4	9.4	11.8	11.8	14.2	14.2	14.2	16.5	16.5
per 1000 units ≈ kg		6.01	8.91	9.73	15.2	16.5	26.2	28.7	44.3	67.3	71.7	111	117

①, Material:

FST = spring steel according to DIN 267 part 26

DIN 267-26: Spring washer should be made using spring steel (FST), manufacturing compliant DIN 17 221 or DIN 17 222; Spring washer hardness HV430-530



Nominal Diameter		Φ48	Φ52	Φ56	Φ60	Φ64	Φ68	Φ72	Φ80	Φ90	Φ100
d	min	49	53	57	61	65	69	73	81	91	101
	max	50.5	54.5	58.5	62.5	66.5	70.5	74.5	82.5	92.5	102.5
n	Nominal Size	12	14	14	14	14	14	14	14	14	14
	max	12.25	14.25	14.25	14.25	14.25	14.25	14.25	14.25	14.25	14.25
	min	11.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75
h	Nominal Size	7	8	8	8	8	8	8	8	8	8
	max	7.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25
	min	6.75	7.75	7.75	7.75	7.75	7.75	7.75	7.75	7.75	7.75
H	min	14	16	16	16	16	16	16	16	16	16
	max	16.5	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
per 1000 units ≈ kg		123	182	193	203	218	228	240	262	290	318

①, Material:

FST = spring steel according to DIN 267 part 26

DIN 267-26: Spring washer should be made using spring steel (FST), manufacturing compliant DIN 17 221 or DIN 17 222; Spring washer hardness HV430-530