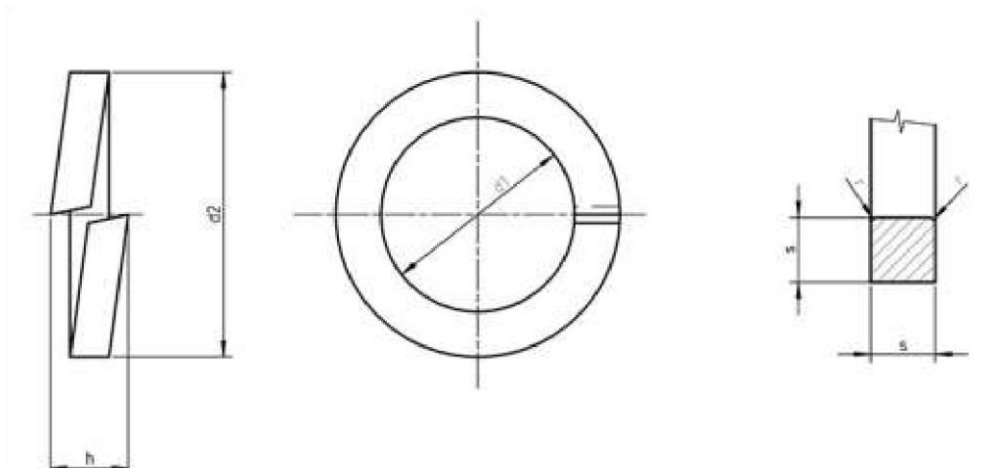




Product Dimensions and Weights

DIN 7980 Specifications

Metric DIN 7980 Split Spring Lock Washers



Dimensions of Metric DIN 7980 High Collar Spring Coil Lock Washers

Nominal	d1		d2	s		h		r	Mass (7.85 kg/dm ³) per 1000pcs in kg	For thread size
	min.	max.	max.		Limit	min.	max.			
3	3.1	3.4	5.6	1	±0.1	2	2.36	0.2	0.105	M3
3.5	3.6	3.9	6.1	1	±0.1	2	2.36	0.2	0.114	M3.5
4	4.1	4.4	7	1.2	±0.1	2.4	2.83	0.2	0.195	M4
5	5.1	5.4	8.8	1.6	±0.1	3.2	3.78	0.2	0.37	M5
6	6.1	6.5	9.9	1.6	±0.1	3.2	3.78	0.3	0.425	M6
8	8.1	8.5	12.7	2	±0.1	4	4.72	0.5	1.05	M8
10	10.2	10.7	16	2.5	±0.15	5	5.9	0.8	1.96	M10
12	12.2	12.7	18	2.5	±0.15	5	5.9	0.8	2.28	M12
14	14.2	14.7	21.1	3	±0.2	6	7.1	1	3.8	M14
16	16.2	17	24.4	3.5	±0.2	7	8.25	1	5.94	M16
18	18.2	19	26.4	3.5	±0.2	7	8.25	1	6.6	M18



Nominal	d1		d2	s		h		r	Mass (7.85 kg/dm ³) per 1000pcs in kg	For thread size
	min.	max.	max.		Limit	min.	max.			
20	20.2	21.2	30.6	4.5	±0.2	9	10.6	1	12.3	M20
22	22.5	23.5	32.9	4.5	±0.2	9	10.6	1	13.6	M22
24	24.5	25.5	35.9	5	±0.2	10	11.8	1.6	18.1	M24
27	27.5	28.5	38.9	5	±0.2	10	11.8	1.6	20.6	M27
30	30.5	31.7	44.1	6	±0.2	12	14.2	1.6	32	M30
33	33.5	34.7	47.1	6	±0.2	12	14.2	1.6	35	M33
36	36.5	37.7	52.2	7	±0.25	14	16.5	1.6	52.5	M36
42	42.5	43.7	60.2	8	±0.25	16	18.9	2	80	M42
48	49	50.5	67	8	±0.25	16	18.9	2	90	M48

Metric DIN 7980 High Collar Spring Coil Lock Washers are helical spring split lock washers - a split metal ring that is bent into a helical shape. Split Lock Washers are a left hand helix and allow the nut to be tightened in a right hand direction only. When compressed by tightening the nut, the washer bites into the substrate and exerts a spring force between the bolt and the substrate creating frictional resistance to rotation. Available in high grade A1 stainless steel, and marine grade A4 stainless steel.

Unique Fasteners offers over 500,000 unique fastener products from stock in inch and metric standard in a variety of materials and finishes. The following sizes metric DIN 7980 High Collar Spring Coil Lock Washers are available for immediate shipping from stock: Diameters ranging from M2 to M30.

DIN (Deutsches Institut für Normung - German Institute for Standardization) standards are issued for a variety of components including industrial fasteners as metric DIN 7980 High Collar Spring Coil Lock Washers. The DIN standards remain common in Germany, Europe and globally even though the transition to ISO standards is taking place. DIN standards continue to be used for parts which do not have ISO equivalents or for which there is no need for standardization.