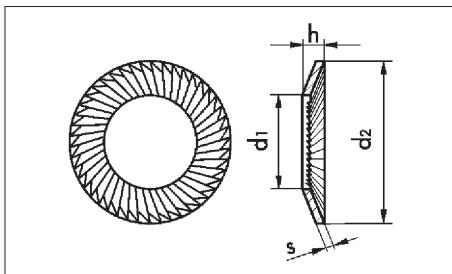


LOCK WASHERS

Type S



Spring steel, bare
Spring steel, galvanized, blue passivated (A2K)
 * **Mechanically galvanized (24 mm dia. and up)**
Stainless steel A2 

Thanks to the disk spring shape, an optimum friction fit with simultaneous form fit via the helical gearing is achieved. Primarily in the case of short screws and loads which are vertical to the screw axis, it makes sense in many cases to secure the connection against loosening by itself using lock washers as a supplement to the pre-tensioning force.

Thread dia.		d ₁ in mm	d ₂ in mm	s in mm	h in mm	Bare steel Art. No.	P. Qty.	Galv. steel, blue pass. Art. No.	P. Qty.	A2 Art. No.	Rostfrei® Art. No.	P. Qty.
Metric	Standard											
M2.5		2.7	4.8	0.45	0.9	0493 25	2,000	0493 025	2,000	0404 801 026	300	
M3	1/8"	3.2	5.5	0.45	0.9	0493 3	300	0493 03	300/1,000	0404 801 030	300	
M4	5/32"	4.3	7	0.5	1.0	0493 4	300/1,000	0493 04	300/1,000	0404 801 040	300	
M5	3/16"	5.3	9	0.6	1.1	0493 5	300/1,000	0493 05	300/1,000	0404 801 050	300	
M6		6.4	10	0.7	1.2	0493 6	300/1,000	0493 06	300/1,000	0404 801 060	300	
	1/4"	6.7	9.5	0.7	1.2	0493 635	1,000	0493 063 5	1,000			
M7		7.4	12	0.7	1.3	0493 7	100					
M8	5/16"	8.4	13	0.8	1.4	0493 8	100	0493 08	100/1,000	0404 801 080	100	
M10	3/8"	10.5	16	1	1.6	0493 10	100	0493 010	100/1,000	0404 801 100	100	
M12		13	18	1.1	1.7	0493 12	100	0493 012	100	0404 801 120	100	
	1/2"	13.7	19	1.1	1.8	0493 127	500	0493 012 7	500	0404 801 127	500	
M14	9/16"	15	22	1.2	2.0	0493 14	100	0493 014	100	0404 801 140	500	
M16	5/8"	17	24	1.3	2.1	0493 16	100	0493 016	100	0404 801 160	100	
M18		19	27	1.5	2.3	0493 18	100	0493 018	100	0404 801 180	250	
M20		21	30	1.5	2.5	0493 20	50	0493 020	50	0404 801 200	50	
M22	7/8"	23	33	1.5	2.7	0493 22	100	0493 022	100	0404 801 220	100	
M24		25.6	36	1.8	2.9	0493 24	50	0493 024*	50	0404 801 240	100	
M27		28.6	39	2	3.1	0493 27	100	0493 027*	100	0404 801 270	100	
M30	1 1/8"	31.6	45	2	3.6	0493 30	100	0493 030*	100	0404 801 300	100	

*Mechanically galvanized

Can be stored in ORSY® system



ORSY® 100 Assortment

Art. No. 0964 049 30

Contents: 1,220 lock washers of type S, galvanized steel, for M3/M4/M5/M6/M8/M10/M12/M14/M16/M18/M20/M24

Art. No. 0964 040 480

Contents: 1,225 lock washers of type S, stainless steel A2, for M3/M4/M5/M6/M8/M10/M12/M16