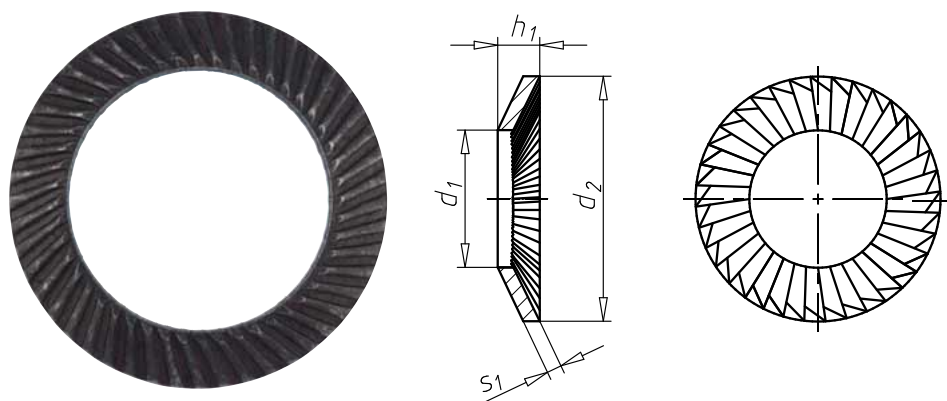


## LOCK WASHER

### S design, plain spring steel

The Belleville washer form features angled teeth to create an optimum and simultaneous friction-fit and form-fit connection.



<b>Material</b>	Spring steel
<b>Surface</b>	Bare
<b>Version</b>	Type S

Thread type x nominal diameter (Ø)	Nominal diameter in inches	Internal diameter (d <sub>1</sub> )	Outer diameter (d <sub>2</sub> )	Height (h <sub>1</sub> )	Thickness (s <sub>1</sub> )	Art. No.	P. Qty.
M2		2.2 mm	4 mm	0.6 mm	0.35 mm	<b>0493 2</b>	2000
M2.5		2.7 mm	4.8 mm	0.9 mm	0.45 mm	<b>0493 25</b>	2000
M3	1/8 in	3.2 mm	5.5 mm	0.9 mm	0.45 mm	<b>0493 3</b>	300
M4	5/32 in	4.3 mm	7 mm	1 mm	0.5 mm	<b>0493 4</b>	300/1000
M5	3/16 in	5.3 mm	9 mm	1.1 mm	0.6 mm	<b>0493 5</b>	300/1000
	1/4 in	6.7 mm	9.5 mm	1.2 mm	0.6 mm	<b>0493 635</b>	1000
M6		6.4 mm	10 mm	1.2 mm	0.6 mm	<b>0493 6</b>	300/1000
M7		7.4 mm	12 mm	1.3 mm	0.7 mm	<b>0493 7</b>	100
M8	5/16 in	8.4 mm	13 mm	1.4 mm	0.7 mm	<b>0493 8</b>	100/1000
M10	3/8 in	10.5 mm	16 mm	1.6 mm	0.9 mm	<b>0493 10</b>	100
M12		13 mm	18 mm	1.7 mm	1.0 mm	<b>0493 12</b>	100
	1/2 in	13.7 mm	19 mm	1.8 mm	1.0 mm	<b>0493 127</b>	500
M14		15 mm	22 mm	2 mm	1.1 mm	<b>0493 14</b>	100
M16	5/8 in	17 mm	24 mm	2.1 mm	1.2 mm	<b>0493 16</b>	100
M18		19 mm	27 mm	2.3 mm	1.4 mm	<b>0493 18</b>	100
M20		21 mm	30 mm	2.5 mm	1.4 mm	<b>0493 20</b>	50
M22	7/8 in	23 mm	33 mm	2.7 mm	1.4 mm	<b>0493 22</b>	100
M24		25.6 mm	36 mm	2.9 mm	1.6 mm	<b>0493 24</b>	50
	1 in	27 mm	38 mm	3.1 mm	1.8 mm	<b>0493 254</b>	100
M27		28.6 mm	39 mm	3.1 mm	1.8 mm	<b>0493 27</b>	100
M30	1-1/8 in	31.6 mm	45 mm	3.6 mm	1.8 mm	<b>0493 30</b>	100
M36	1-3/8 in	38 mm	54 mm	4.2 mm	2.5 mm	<b>0493 36</b>	50

Can be stored in ORSY system

### Notice

It makes sense in many cases—primarily when using short screws and loads which are vertical to the screw axis—to prevent the connection loosening by using lock washers to supplement the pre-tensioning force.