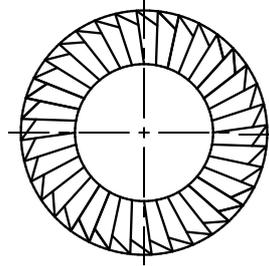
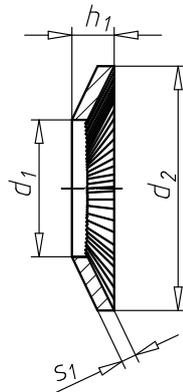


LOCK WASHER

S design, plain spring steel



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

Material	Spring steel
Surface	Bare
Version	Type S

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