

## FASTENERS ON SHAFTS

### Axially mounted lock washers: "2-tab spring washer" and "Multi-tab spring washer" series

#### Recommended use:

These lock washers can be fitted over any smooth rod and enable elastic fixing of light parts. The washers are particularly economical and ensure vibration-proof assembly.



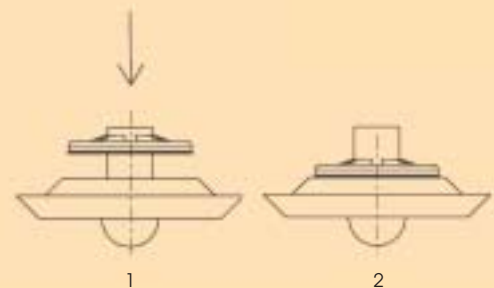
TYPE 1: 2-TAB	SHAPES		
	<p>Shape 1</p>	<p>Shape 2</p>	<p>Shape 3</p>
	<p>a</p>	<p>b</p>	

TYPE 2: MULTI-TAB	SHAPES				
	<p>1</p>	<p>2</p>	<p>3</p>	<p>4</p>	<p>5</p>

Ø d	REFERENCE	A	B	C	e	TYPE	SHAPE
2	FPL 3007 ▲	15	8		0.3	1	2a
2.5	FPL 3017 ▲	15	8		0.3	1	2a
2.5	FR 3422 ZN	6		1.5	0.25	2	1
3	FR 3403 ▲	9			0.3	1	1a
3.5	FRL 3411 ▲	9			0.3	1	1a
4	SFP 0212 ▲	14.2	9.5		0.35	1	2a
4	FPL 3012 ▲	18	10		0.4	1	2a
4	FR 3404 ▲	12			0.4	1	1a
4	FR 3404 B ■	12			0.4	1	1a
4	FR 3424 ▲	10.5			0.4	1	1a
4	SFO 6045 ZB	11		1.6	0.2	2	4
5	SFO 5965 ZH	11.6		1.6	0.3	2	4
5	FR 3405 ▲	15			0.4	1	1a
6x2	FPS 3116 B ■	18	10	3	0.3	1	2a
6	SFR 6908 ▲	18			0.5	1	1b
6	FR 3406 ▲	15			0.4	1	1a
8	FRL 3458 DA	15		1.2	0.3	2	3
8	FRL 3457 ZH	22		3	0.3	2	2
10	FR 3410 DC	23.5			0.5	1	1a
12	SFR 5460 ZC	22		1.4	0.5	2	5
14	FRL 8527 B ■	34.3		4	0.4	2	4
16	FPL 3026 ZB	28	22		0.4	1	3b
20	FRL 3456 ▲	28.6		1.5	0.4	2	2

#### Recommended assembly method:

1. Manually pre-position the "fixed" washer at the end of the shaft, which should preferably be chamfered.
2. Press home the "fixed" washer with the aid of a simple tool.



#### WASHER

<b>MATERIAL</b>	Treated spring steel
<b>SURFACE</b>	See table on cover flap
<b>TREATMENT</b>	Except for parts with reference "▲": Phosphating: "■": stainless steel
<b>COLOUR</b>	See table on cover flap Except for parts with reference "▲": Black