

# Door Stays / Lid Stays

# Locking Lid Stays / Rotary Door Stays / Spring Loaded Door Stays

### Door Stays

**STYF**

Material: EN 1.4301 Equiv., Brushed Finish

Part Number	Type	H	Min. Length L min.	Max. Length L max.	Mass (g)	Max. Retainable Load N (kgf)/pc.	Unit Price
STYF	L	129	133	195	126	147 (15)	
	R	166	170	270	148		

The main body and the bracket can be used on both sides.

Ordering Example: **STYF166**

App. Example: **STYF129** App. Example: **STYF166**

- Cautions**
- The upper and lower brackets can be positioned according to the height and degree of the door/lid. When the door/lid is closed, L min dimension must be larger than the minimum dimension of contraction. (If L min is smaller, hinges or stays might be damaged.)
  - When two latches are used, they might not be in sync. on right and left sides.

### Lid Stays

**STYT**

Material: EN 1.4301 Equiv. Finish: Electrolytic Polishing

Part Number	Type	Right and Left	L	(L-1)	W1	W2	t	Mass (g)	Unit Price
STYT	L	150	105	28	23	1.5	75		
	R	198	153	28	23	1.5	85		
	R	277	231	30	24	2	120		

Ordering Example: **STYT150**

### Compact Lid Stays

**STYTM**

Material: EN 1.4301 Equiv. Surface Treatment: Chrome Plating

Part Number	Type	Right and Left	L	A	Mass (g)	Unit Price	Volume Discount Rate
STYTM	L	106	53	20			20-50
	R	134	67	31			

Ordering Example: **STYTM134**

### Locking Lid Stays

**STYC**

Material: EN 1.4301 Equiv. Finish: Electrolytic Polishing

Part Number	Type	Right and Left	Mass (g)	Unit Price
STYC	L	125		
	R			

Ordering Example: **STYCR**

### Rotary Door Stays

**STYR**

Material: EN 1.4301 Equiv. Finish: Electrolytic Polishing

Part Number	Type	Right and Left	L	(L-1)	W1	W2	t	Mass (g)	Unit Price
STYR	L	150	105	28	23	1.5	75		
	R	198	153	28	23	1.5	85		
	R	277	231	30	24	2	120		

Ordering Example: **STYRL150**

### Spring Loaded Door Stays

**STYSP**

Material: EN 1.4301 Equiv. Finish: Brushed

Part Name	Material	Finish
Main Body	EN 1.4301 Equiv.	Brushed
Cap	Polyamide	-

Part Number	Type	H	Max. Length L max.	Min. Length L min.	Stroke	A	Mass (g)	Reactive Force of Stay N (kgf)		Unit Price
								L Max	L Min	
STYSP	L	170	222	172	50	10	145	31.4 (3.2)	68.6 (7.0)	
	R	238	335	250	85	20	185	37.2 (3.8)	83.3 (8.5)	
	R	269	380	280	100	19	205	35.3 (3.6)	83.3 (8.5)	

The main body and the bracket can be used on both right and left sides.

Ordering Example: **STYSP170**

**Features**

- When the door/lid is opened or closed, it will automatically stop at the preset position by the action of the spring. An extra stroke or action is not required.
- The mounting example shows the distance from the rotation center of hinge.
- When the door/lid is closed, L min dimension must be larger than the minimum dimension of contraction. (If L min is smaller, hinges or stays might be damaged.)

Type	Mass of Door (kg)	Angle of Open Door	L max	A	Y
STYSP170 (Two Latches, Right and Left)	2.4 or Less	90	222	58	235.9
	2.6 or Less	85	63	63	240.4
	3.0 or Less	75	75	75	251.5
STYSP238 (Two Latches, Right and Left)	2.9 or Less	90	335	90	334.5
	3.1 or Less	85	97	97	351.4
	3.6 or Less	75	115	115	368.1
STYSP269 (Two Latches, Right and Left)	3.1 or Less	90	380	103	386.9
	3.3 or Less	85	111	111	394.6
	3.9 or Less	75	131	131	413.7