

Door Stays / Lid Stays

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

Door Stays

STYF

Material: SUS304, Brushed Finish

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

App. Example: STYF129 App. Example: STYF166

Ordering Example: Part Number 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: SUS304

Part Number	Mass (g)	Unit Price
Type		
STYT	L (For Left Side)	66
	R (For Right Side)	

Compact Lid Stays

STYTM

Material: SPCC

Part Number	Mass (g)	Unit Price	Volume Discount Rate
Type	A		20-50
STYTM	106	20	
	134	31	

Locking Lid Stays

STYC

Material: SUS304

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

Rotary Door Stays

STYR

Material: SUS304 Finish: Electrolytic Polishing

Part Number	Mass (g)	Unit Price
Type		
STYR	L (For Left Side)	75
	R (For Right Side)	
	L (For Left Side)	85
	R (For Right Side)	
	L (For Left Side)	120
	R (For Right Side)	

Spring Loaded Door Stays

STYSP

Material: SUS304

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

App. Example: STYSP

Ordering Example: Part Number 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	97	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