



## 技術資料 Technical data

### ● 介紹及應用 Introduction and application

帶有雙位上下緩衝彈簧，搬運被吸取平面存在高度差異的工件(如曲面金屬薄板)  
搬運對壓力敏感的工件(如玻璃)，確保柔性接觸



Equipped with two-position up and down buffer springs to handle workpieces with different heights in the sucked plane (such as curved metal sheet).  
Handle pressure-sensitive workpieces (such as glass) to ensure flexible contact.

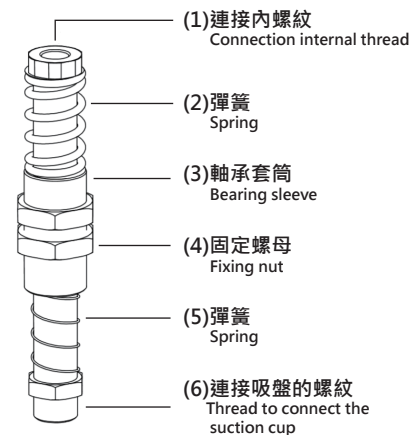
### ● 結構 Structure

彈簧緩衝支桿由高強度不銹鋼桿、套筒(3)、下位緩衝彈簧(5)和上位緩衝彈簧(2)組成  
支桿上端的真空通道帶有內螺紋連接(1)連接吸盤的螺紋皆為外螺紋(6)，兩個鎖緊螺母(4)用於加固

The spring buffer rod is composed of high-strength stainless steel rod, sleeve (3), lower buffer spring (5) and upper buffer spring (2). The vacuum channel at the upper end of the support rod has an internal thread connection (1). The threads connecting the suction cup are external threads (6). Two lock nuts (4) are used for reinforcement.

### ● 訂購代號 How to code

<b>FSTA</b>	-	<b>G 1/4</b>	-	<b>EH</b>	-	<b>25</b>	-	<b>M20</b>
產品代號 Product code		連接牙口 Connect the mouth		螺紋總類 Thread type		緩衝距離 Buffer distance		固定螺母 Fixing nut
		G 1/4 二分 G 1/2 四分		 外螺紋 EH		25 25mm 50 50mm 90 90mm		M20 M30



### ● 標準尺寸資料 Standard size data

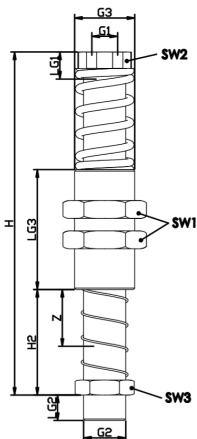
FSTA-G1/4-EH-25(M20)
FSTA-G1/4-EH-50(M20)
FSTA-G1/2-EH-25(M30)
FSTA-G1/2-EH-50(M30)
FSTA-G1/2-EH-90(M30)

## ● 技術參數 Technical parameter

型號 type	彈簧負荷率 Spring load rate [N/mm]	彈簧預應力 Spring prestress [N]	彈力 Elastic force [N]	垂直負載 Vertical load [N]	水平負載 Horizontal load [N]	自重 Weight [g]	工作溫度 Operating temperature [°C]
FSTA-G1/4-EH-25(M20)	0.711	8.95	17.8	2400	800	185	0...80
FSTA-G1/4-EH-50(M20)	0.262	14.10	20.6	2400	490	210	0...80
FSTA-G1/2-EH-25(M30)	3.828	25.65	73.5	4900	1870	493	0...80
FSTA-G1/2-EH-50(M30)	1.810	3.95	49.2	4900	1200	539	0...80
FSTA-G1/2-EH-90(M30)	1.072	24.38	75.3	4900	730	645	0...80

## ● 外觀尺寸圖 Dimensions

FSTA G1/4 至 G1/2



型號 Type	尺寸 Size [mm]											
	G1	G2	G3	H	H2	LG1	LG2	LG3	SW1	SW2	SW3	Z(行程)
FSTA-G1/4-EH-25(M20)	G1/8"-F	G1/4"-M	M20x1.5-M	114.5	37.0	12	8.5	40	24	17	17	25
FSTA-G1/4-EH-50(M20)	G1/8"-F	G1/4"-M	M20x1.5-M	144.0	66.5	12	8.5	40	24	17	17	50
FSTA-G1/2-EH-25(M30)	G3/8"-F	G1/2"-M	M30x1.5-M	146.5	42.5	12	10.5	55	36	24	24	25
FSTA-G1/2-EH-50(M30)	G3/8"-F	G1/2"-M	M30x1.5-M	176.5	72.5	12	10.5	55	36	24	24	50
FSTA-G1/2-EH-90(M30)	G3/8"-F	G1/2"-M	M30x1.5-M	229.5	125.5	12	10.5	55	36	24	24	90