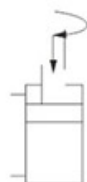


產品簡介

- ◆主要功能為空壓缸作動時，活塞下壓行程中壓板會旋轉到設計的角度，再沿着直線繼續下壓直到壓板夾緊工件。
- ◆建議使用空壓轉角缸，請加裝流量控制閥，避免速度過快，以及轉角行程中，請勿夾持工件，導致損壞缸體及內部零件。
- ◆壓板需增加長度時，請勿大於原長度之1.5倍。
- ◆缸體材質採用鋁合金，表面硬膜處理，內壁表面光滑，使用壽命長。



Introduction of product

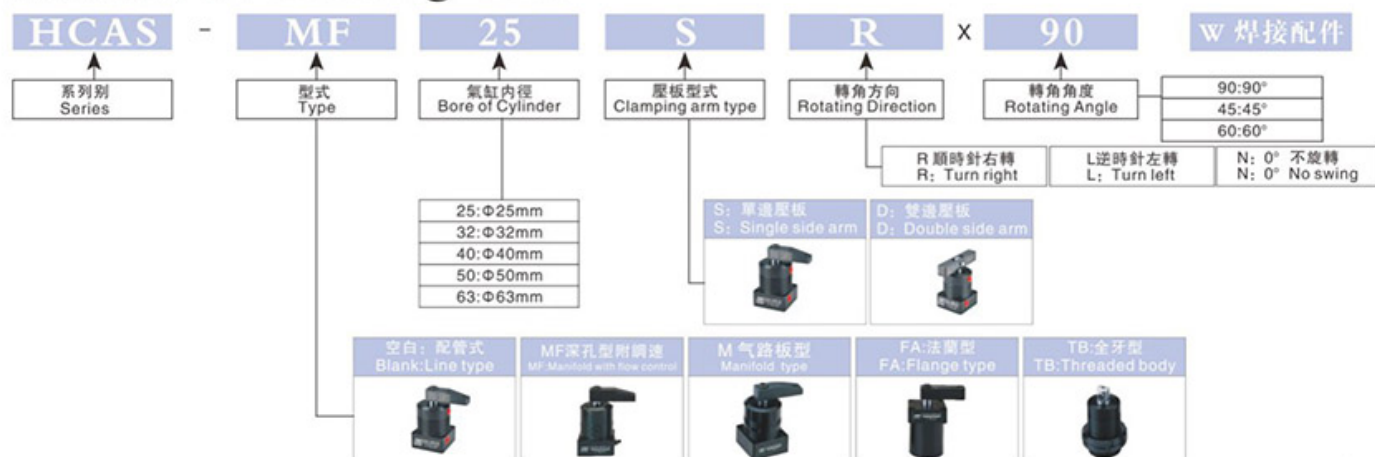
- ◆When the piston push down, the clamping arm will rotate to the design angel, then push down on straight line hold the workpiece.
- ◆You had better install a flow control valve to adjust the acting speed, and don't clamping workpiece when the cylinder is running, Otherwise will be easy to damage the body and the spare parts.
- ◆When you need to increase the length of the clamping arm, please don't exceed 1.5 times of the original length.
- ◆The material of cylinder body is aluminum alloy, surface processed with hardening and internal face is smooth,so the service life of product is long.



特性資料 Specification

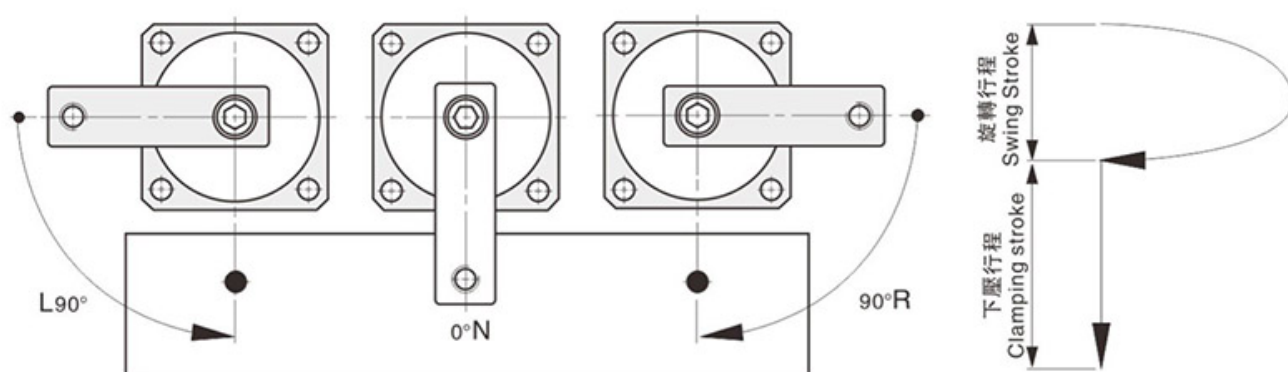
氣缸內徑 Bore of cylinder (mm)	Φ25	Φ32	Φ40	Φ50	Φ63
活塞杆徑 Bore of piston (mm)	Φ14	Φ16	Φ16	Φ20	Φ20
轉角行程 Swing stroke (mm)	12	12	12	14	15
垂直行程 Clamping stroke (mm)	12	12	12	14	15
受壓面積拉入/推出 Pressure area pull/push cm ²	3.4/4.91	6.04/8.04	10.56/12.57	16.49/19.63	28.03/31.17
理論夾持力 Theoretical clamping 5kg/cm ²	16kg	30kg	50kg	85kg	140kg
使用流體 Fluid	已濾清之壓縮空氣 Filtered air				
最大耐壓力 Max operation pressure	10kg/cm ²				
使用壓力範圍 Rang of pressure (kg/cm ²)	4-7kg/cm ²				
轉角方向 Rotating direction	順時針右轉R或逆時針左轉L Turn right R or turn left L				
轉角角度 Rotating angle	標準角度90° (±2°) 選擇角度0° (±2°)、45° (±2°)、60° (±2°) Standard angle 90° (±2°), Optional angle 0° (±2°)、45° (±2°)、60° (±2°)				
作動方式 Acting type	復動式 Double acting				

訂購標示法 Ordering Code

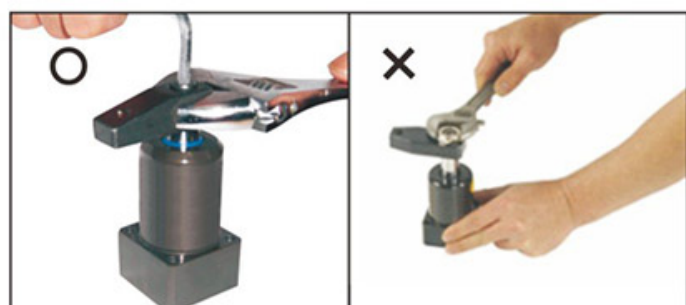


注：接受不銹鋼制做。

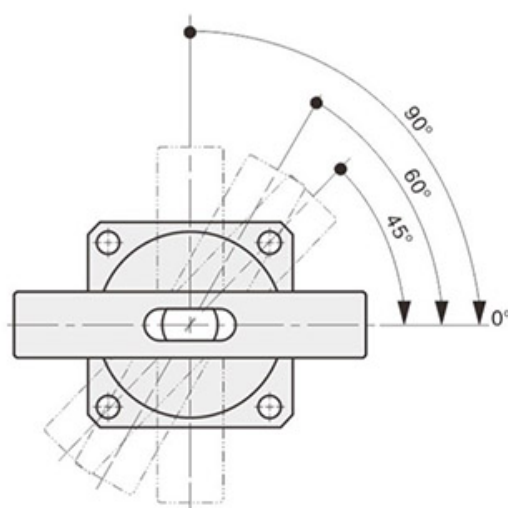
單邊壓板旋轉示意圖



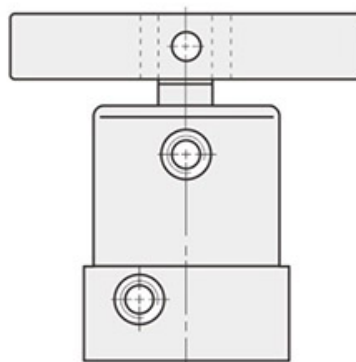
壓板鎖緊操作方式



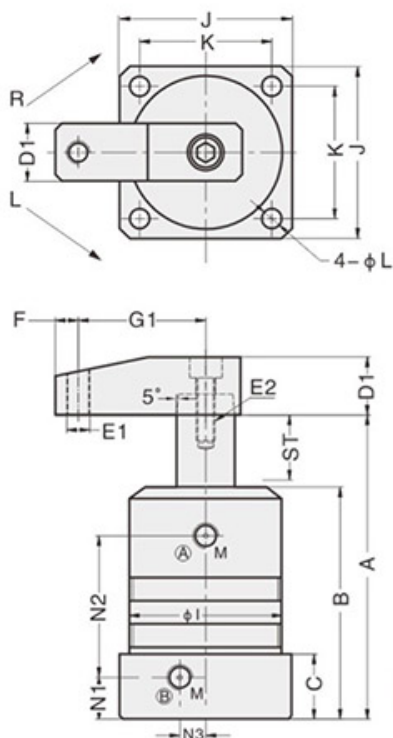
雙邊壓板旋轉示意圖



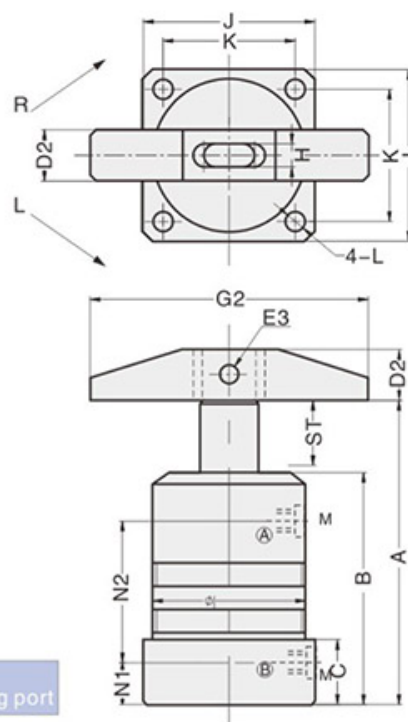
壓板拆卸操作方式



Single side swing clamp



Double side swing clamp



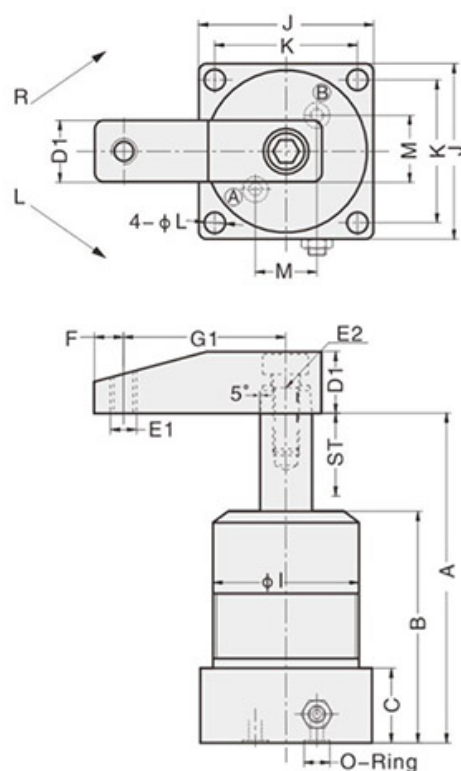
(A) 夾持氣孔
 Clamping port
 (B) 放鬆氣孔
 Unclamping port

外形尺寸表 Dimension table

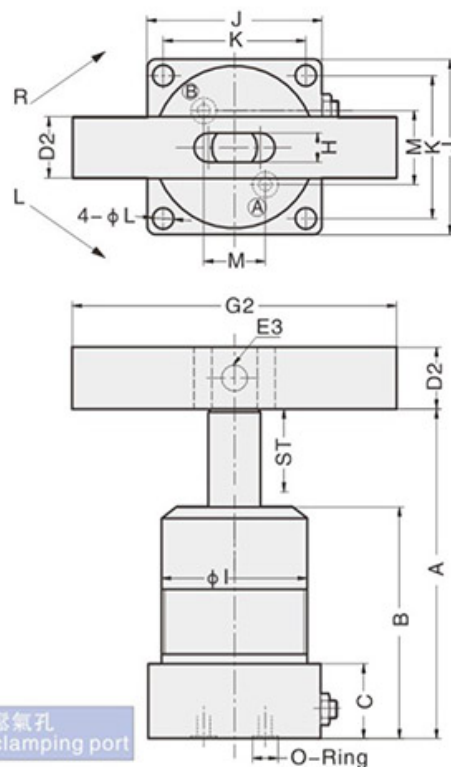
單位 (Unit) : mm

ITEM	MODEL	HCAS-25	HCAS-32	HCAS-40	HCAS-50	HCAS-63
ST: Swing/Clamping		24:12/12	24:12/12	24:12/12	28:14/14	30:15/15
A		98	101.5	107	114.5	121
B		66.5	71	75	80	86.5
C		23	23	27	26	30
D1		□16	□19	□19	□25	□25
D2		□19	□19	□19	□22	□22
E1		M6	M8	M8	M10	M10
E2		M6	M8	M8	M10	M10
E3		φ6	φ8	φ8	φ8	φ8
F		8	9	9	10	10
G1		30	50	50	70	70
G2		100	100	100	120	120
H		9	9	9	10	10
I		φ35	φ50	φ55	φ65	φ75
J		40	54	58	69	82
K		31	44	48	55	64
L		φ4.5	φ6.5	φ6.5	φ8.5	φ8.5
M		M5	PT1/8	PT1/8	PT1/8	PT1/8
N1		13	14.5	17	17.5	21
N2		38	44.5	46	50.5	53
N3		7.5	11.5	11	17	21.8

Single side swing clamp



Double side swing clamp

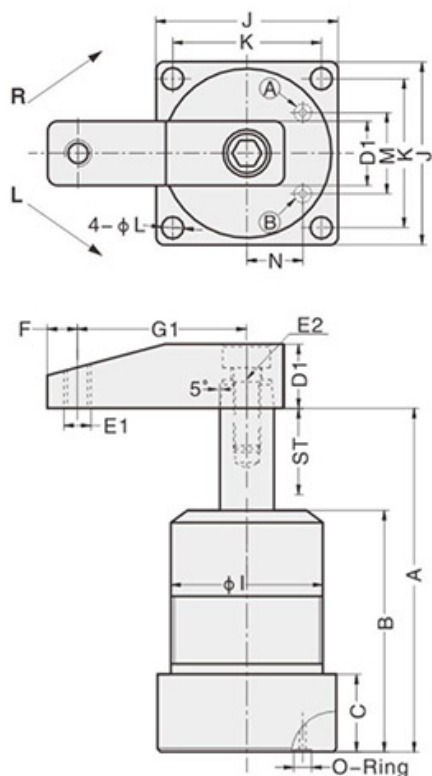


外形尺寸表 Dimension table

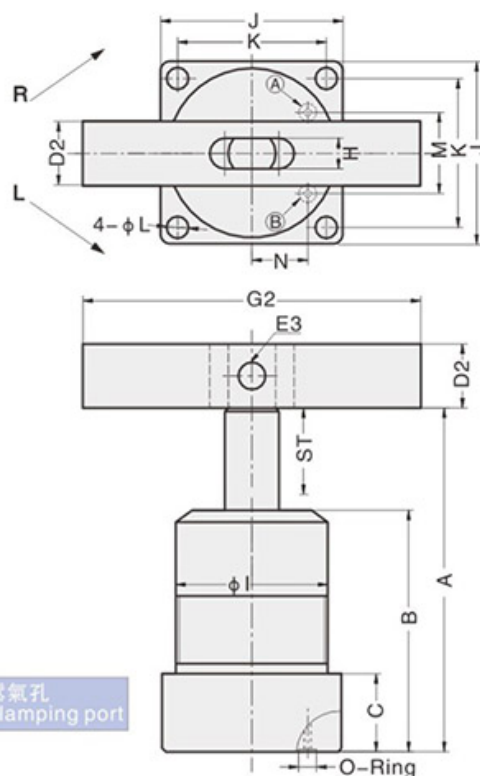
單位 (Unit) : mm

ITEM	MODEL	HCAS-MF32	HCAS-MF40	HCAS-MF50	HCAS-MF63
ST:Swing/Clamping		24:12/12	24:12/12	28:14/14	30:15/15
A		101.5	107	114.5	121
B		71	75	80	86.5
C		23	27	26	30
D1		□19	□19	□25	□25
D2		□19	□19	□22	□22
E1		M8	M8	M10	M10
E2		M8	M8	M10	M10
E3		φ8	φ8	φ8	φ8
F		9	9	10	10
G1		50	50	70	70
G2		100	100	120	120
H		9	9	10	10
I		φ50	φ55	φ65	φ75
J		54	58	69	82
K		44	48	55	64
L		φ6.5	φ6.5	φ8.5	φ8.5
M		19	23	28	32
O-Ring		P7	P7	P9	P9

Single side swing clamp



Double side swing clamp

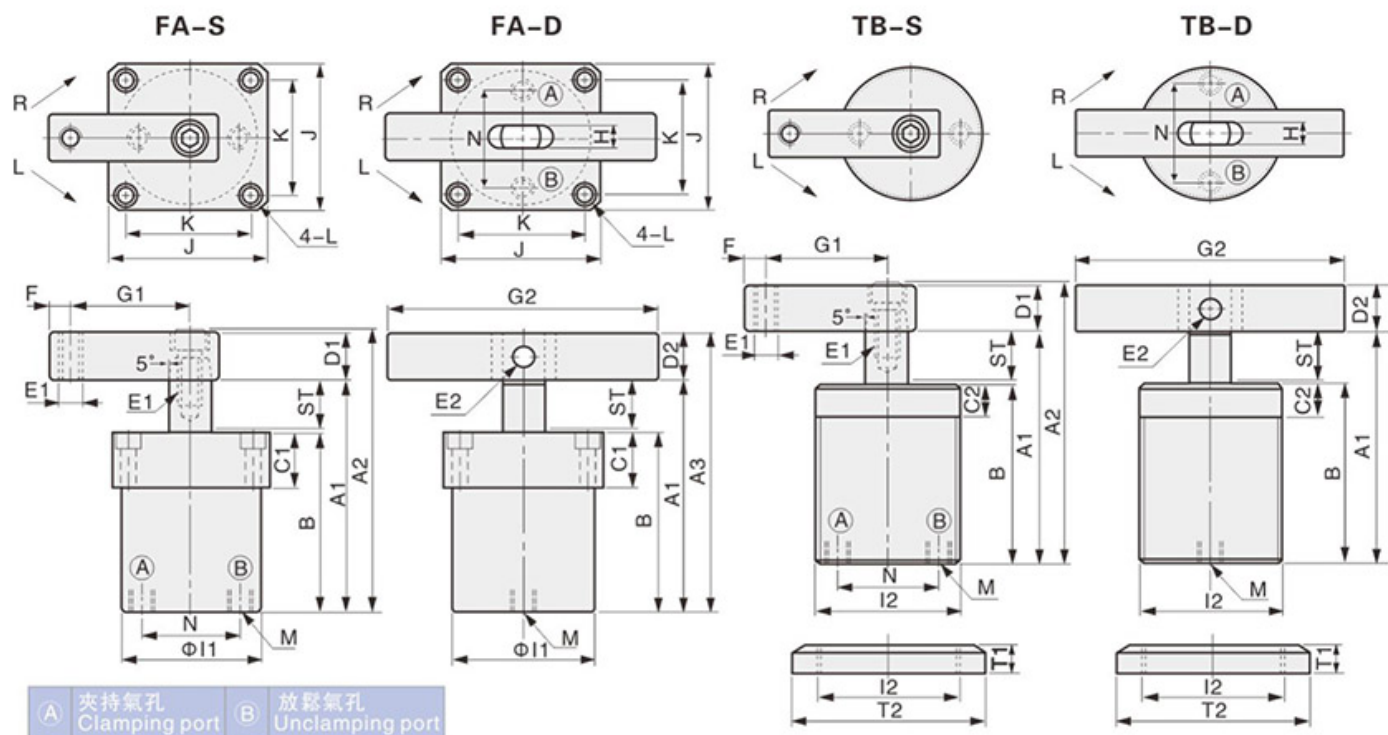


(A) 夾持氣孔 Clamping port (B) 放鬆氣孔 Unclamping port

外形尺寸表 Dimension table

單位 (Unit) : mm

ITEM	MODEL	HCAS-M32	HCAS-M40	HCAS-M50	HCAS-M63
ST:Swing/Clamping		24:12/12	24:12/12	28:14/14	30:15/15
A		101.5	107	114.5	121
B		71	75	80	86.5
C		23	27	26	30
D1		□19	□19	□25	□25
D2		□19	□19	□22	□22
E1		M8	M8	M10	M10
E2		M8	M8	M10	M10
E3		φ8	φ8	φ8	φ8
F		9	9	10	10
G1		50	50	70	70
G2		100	100	120	120
H		9	9	10	10
I		φ50	φ55	φ65	φ75
J		54	58	69	82
K		44	48	55	64
L		φ6.5	φ6.5	φ8.5	φ8.5
M		24	26	30	40.5
N		16.5	20	25	28
O-Ring		S3	S3	S3	S3



外形尺寸表 Dimension table

單位 (Unit) : mm

MODEL ITEM	HCAS-FA32 HCAS-TB32	HCAS-FA40 HCAS-TB40	HCAS-FA50 HCAS-TB50	HCAS-FA63
ST:Swing/Clamping	26: 11/15	26: 11/15	30: 13/17	30: 13/17
A1	108	108	124	124
A2	(128)	(128)	(150)	(150)
A3	127	127	146	146
B	78	78	90	90
C1	22	22	25	25
C2	12	12	15	-
D1	□19	□19	□25	□25
D2	□19	□19	□22	□22
E1	M8	M8	M10	M10
E2	Φ8	Φ8	Φ8	Φ8
F	9	9	10	10
G1	50	50	70	70
G2	100	100	120	120
H	9	9	10	10
ΦI1	Φ50	Φ55	Φ65	Φ75
I2	M50×1.5	M55×1.5	M65×1.5	-
J	54	60	69	82
K	44	48	55	64
L		Φ6.8-Φ10.5×6.5D.	Φ6.8-Φ10.5×6.5D.	Φ9-Φ14×9D.
M	PT1/8	PT1/8	PT1/8	PT1/8
N	32	40	50	63
T1×2PCS	11	11	12	-
T2	Φ70	Φ75	Φ85	-