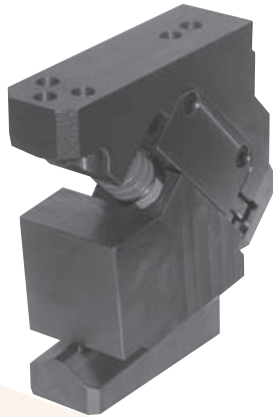


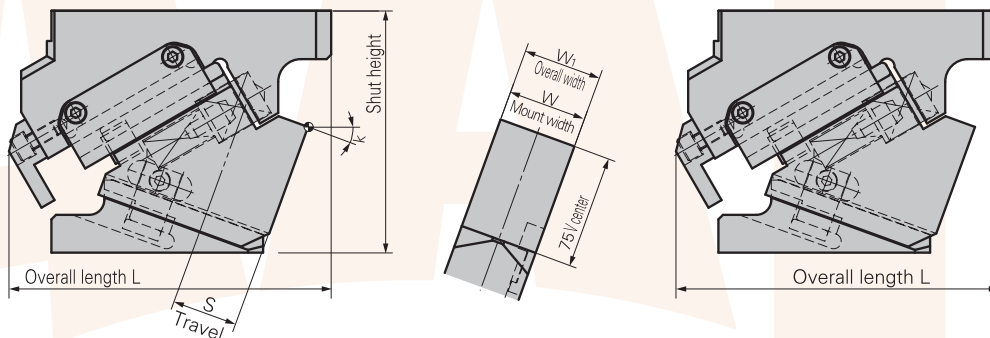
Aerial Cam Unit

- B-SACD -



- The standard working force (one million strokes) achieved 29.4 kN – 3.0 ton with the mount width of 52 mm.
- The allowable working force (300,000 strokes) is 58.8 kN – 6.0 ton.
- The spring force is 3110 N– 317 kgf, which is more than three times that of similar model SUCD.
- It is effective for piercing a high tensile or a thick material.
- Automatic alignment mechanism of the V-shaped guide.
- Available angle is 0° to 60° at increments of 5°

■ B-SACD Specification

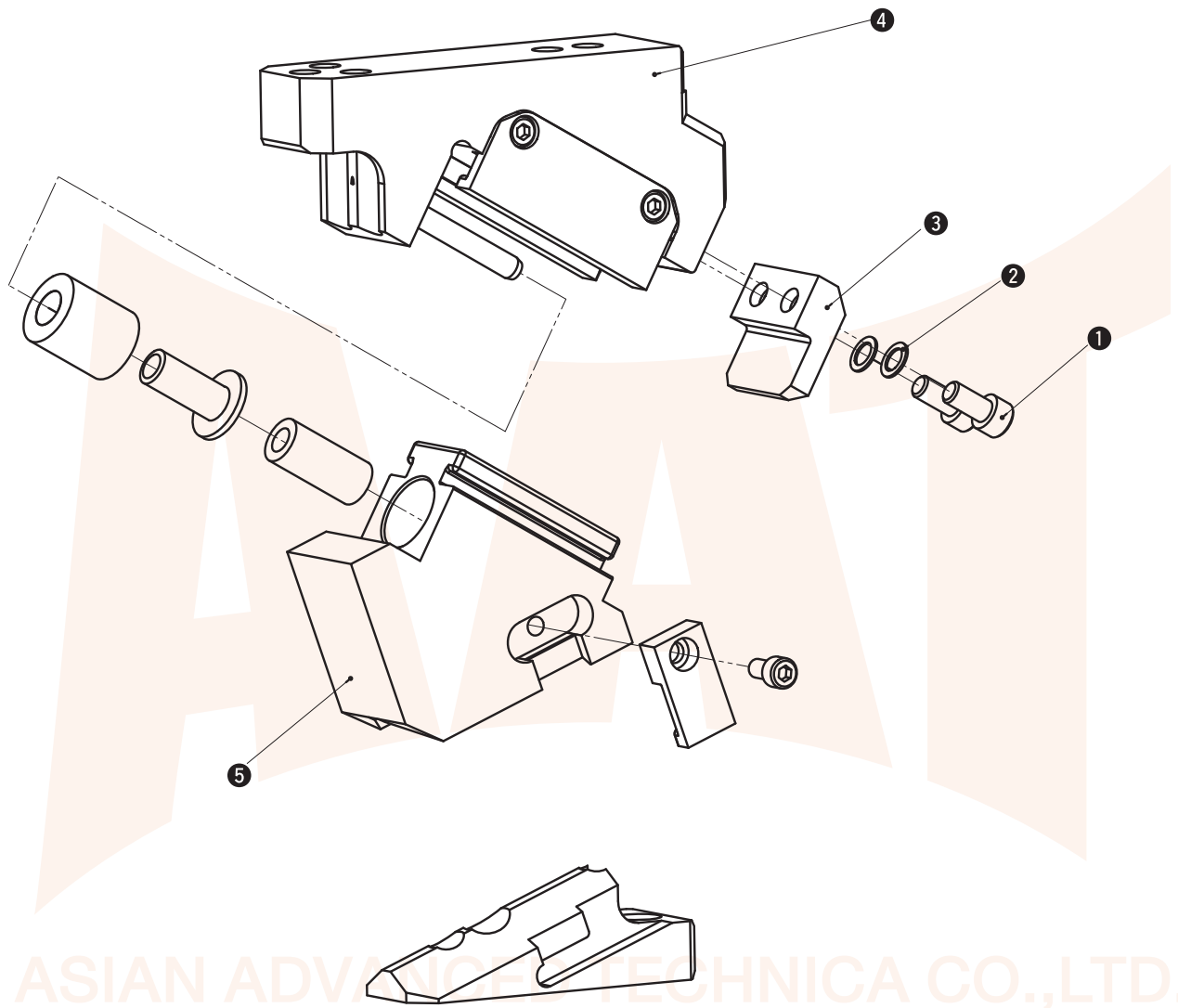


Mount Surface		Working Angle θ	Travel S	Working Force kN (tonf)		Unit Size			Spring Force N (kgf)	
W	H			Standard Working Force (one million strokes)	Allowable Working Force (300,000 strokes)	W1	H1	L	Initial Load	Final Load
52	75	00	30.2	29.4 (3.0)	58.8 (6.0)	52	160	196.9	31.6 (3.2)	3110.8 (317.2)
		05	33.4					200.8		
		10	36.6					207.7		
		15	39.9					211.6		
		20	43.3					213.1		
		25	47.0					214.5		
		30	51.0					216.0		
		35	55.4					216.5		
		40	60.4					212.6		
		45	66.2					213.7		
		50	73.1					205.0		
		55	64.5					215.0		
		60	54.0					200.0		

Aerial Cam Unit

- B-SACD -

■ B-SACD Structure and Assembly / Disassembly

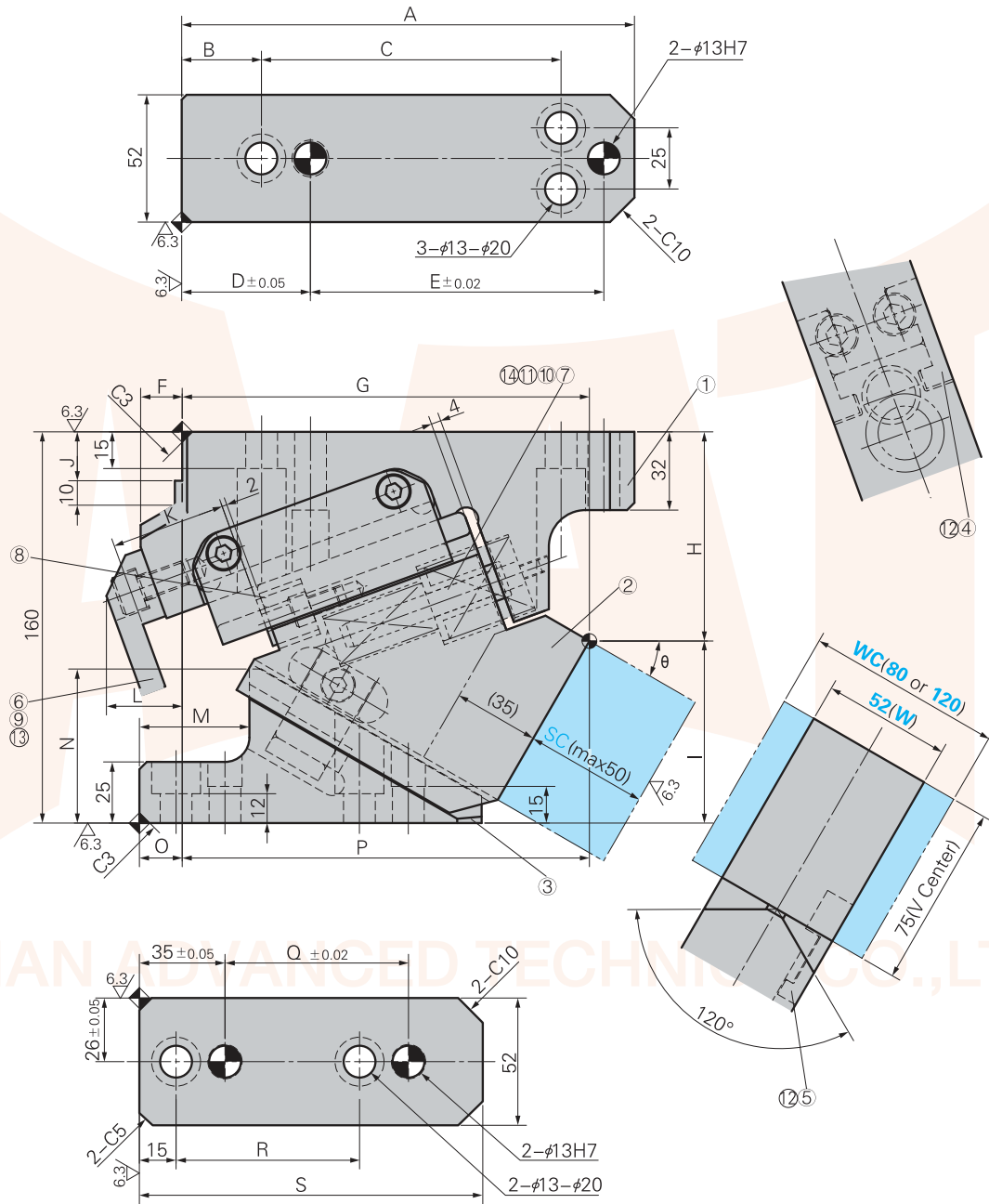


- Disassembly method of B-SACD52
 - 1) Remove hexagon socket head bolt (1) and washer (2), and remove stopper plate (3).
 - 2) Pull and remove cam slider (5) from cam holder (4) to the rear.
- Assembly method of B-SACD52
 - 1) Assemble components in the reverse order of disassembly.
 - Make sure that there is no foreign matter on the sliding area and assemble components.
 - The clearance between the cam slider and the cam holder is controlled. Match the stamped serial number on the holder and slider before assembly.
 - When cam is disassembled and then reassembled, please do not forget to assemble all bolts provided.

Aerial Cam Unit

- B-SACD -

B-SACD 52(00° ~60°)



Aerial Cam Unit - B-SACD -

W	θ	S	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	
B-SACD52	0	30.20	175	27.5	117.5	47.5	115	20	160.00	42.00	118.00	20	47	21.50	0	41	-35	160.00	75	75	125	
	5	33.40						24.35	40.1	-25	161.10											
	10	36.60						31.41	42	-15	159.28											
	15	39.90	185	32.5	122.5	52.5	120	20	168.99	66.82	93.68	25.48	49	-17.5	168.99							
	20	43.30						169.72	76.86	83.14	27.07	35	48	0	169.72							
	25	47.00						18	168.92	81.63	78.37	28.68	55	13	168.92							
	30	51.00						17	166.59	85.55	74.45	30.31	45	63	17.5	166.59						
	35	55.40						16	163.72	92.52	67.48	30.99	68	30	163.72							
	40	60.40						37.5	117.5	57.5	115	10	163.80	98.47	61.53	27.24	70	10	163.80			
	45	66.20										157.35	104.78	55.22	28.57	78.5	23	157.35				
	50	73.10										159.37	103.89	56.11	20.00	15	159.37					
	55	64.50						47.5	107.5	67.5	105	0	152.53	111.09	48.91	15.00	30	152.53				
	60	54.00										142.95	113.10	46.90	10	37	15	142.95				

Table of Components

No.	Description	Qty	Material and Remark
①	Cam Holder	1	QT500
②	Cam Slider	1	QT500 with Graphite
③	Cam Driver	1	45
④	Slide Keeper	2	45 with Graphite
⑤	Positive Return Follower	1	Bronze (SP2)
⑥	Hexagon Socket Head Bolt	1	Q235
⑦	Coil Spring	1	45(1045)
⑧	Stopper	1	Urethane
⑨	Spring Washer	2	M10
⑩	Coil Spring	1	
⑪	Coil Spring	1	
⑫	Hexagon Socket Head Bolt	5	SCM435 M8X16
⑬	Hexagon Socket Head Bolt	2	SCM435 M10X20
⑭	Spring Guide Bush	1	Bronze (SP2)

Option Code	Specification
SC	The mount surface is extended in the range from 1 to 50 mm (in the increments of 1 mm).
WC	The mount width is changed to 80 (WC80) or 120 (WC120)
N12	Dowel Pin holes of cam holder and cam driver are changed to $\phi 12$

Order No :

Catalog No. (W) - (θ)

B - SACD 52 00

B - SACD 52 00 SC30

ADDDTIONALE DIE COMPONENTS
Email : mk@asianadvanced.co.th

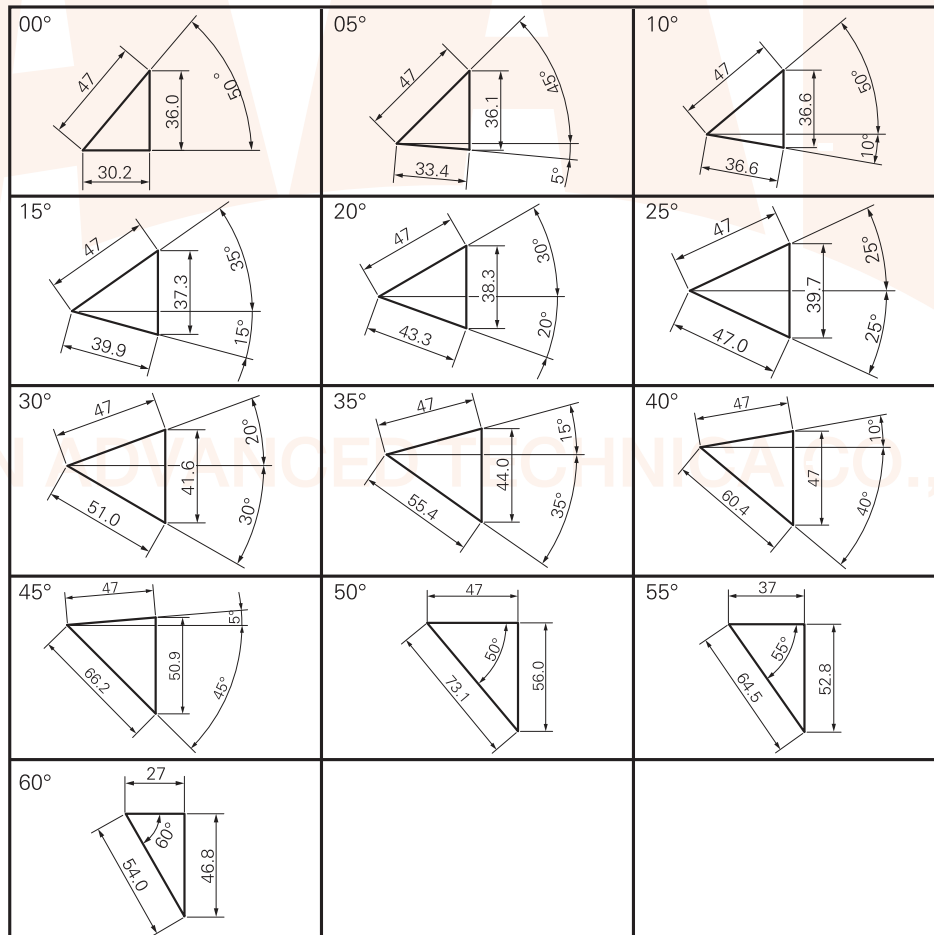


Aerial Cam Unit

- B-SACD -

Catalog No.	(W)	(θ)	Travel S	Working Force kN(tonf)		Spring Force N (kgf)		Total Weight kg
				Standard Working Force (one million strokes)	Allowable Working Force (300,000 strokes)	Initial Load	Final Load	
B-SACD	52	00	30.2	29.4 (3.0)	58.8 (6.0)	31.6 (3.2)	3110.8 (317.2)	8.8
		05	33.4					8.6
		10	36.6					8.7
		15	39.9					9.0
		20	43.3					8.9
		25	47.0					8.8
		30	51.0					8.6
		35	55.4					8.8
		40	60.4					8.9
		45	66.2					9.1
		50	73.1					8.8
		55	64.5					8.9
		60	54.0			98.1	8.5	

Cam Diagram



Aerial Cam Unit - B-SACD -

Spring Diagram

