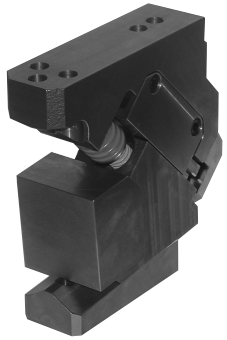
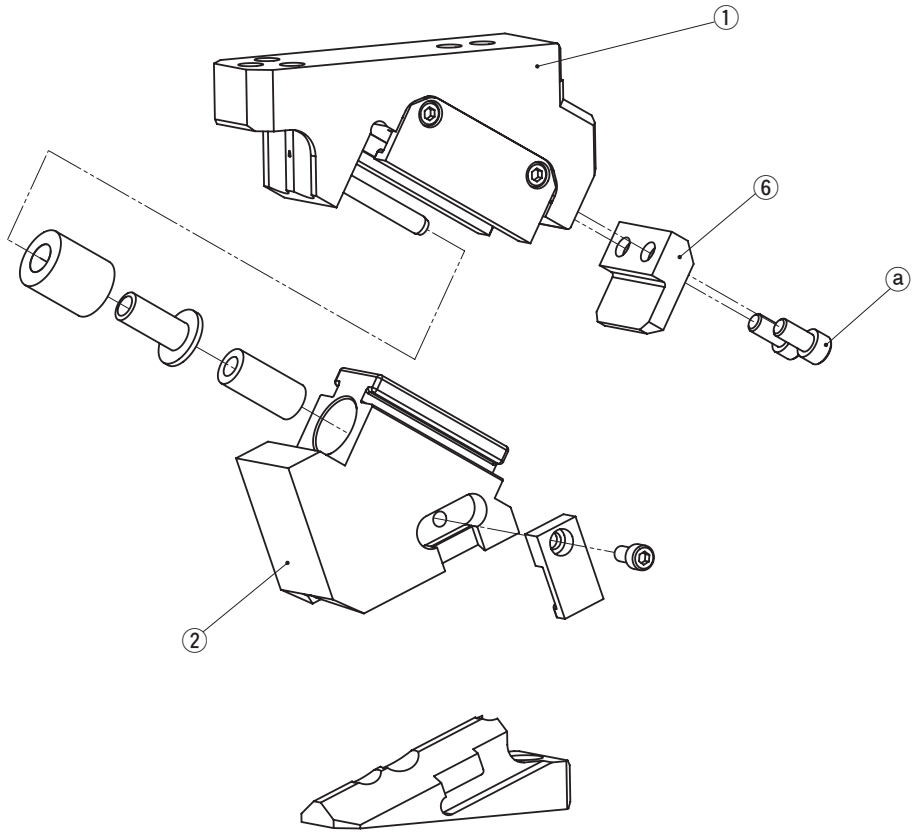
Product Information

- Mount face width 52 mm.
- Working angles from 0° to 60° in 5° increments.
- V-shaped guide.
- Optimum for high tensile strength steel sheets and thick plate piercing.
- A spring force just under 10% of the working force is attained.



Mount face		Working Angle	Travel	Working Force [kN (tonf)]		Spring Force N (kgf)
W	H			Standard Working Force 1,000,000 strokes	Allowable Working Force 300,000 strokes	
		00	30.2			
		05	33.4			
		10	36.6			
		15	39.9			
		20	43.3			
		25	47.0			
52	75	30	51.0	29.4 (3.0)	58.8 (6.0)	1425.5 (145.5)
		35	55.4			
		40	60.4			
		45	66.2			
		50	73.1			
		55	64.5			
		60	54.0			

■SACE Assembly Instructions



● Disassembly

1) Remove Hexagon Socket Head Bolts (ⓐ), to pull out Stopper Plate (⑥).
2) Pull out and remove Cam Slider (②) from Cam Holder (①) to the rear.

● Assembly

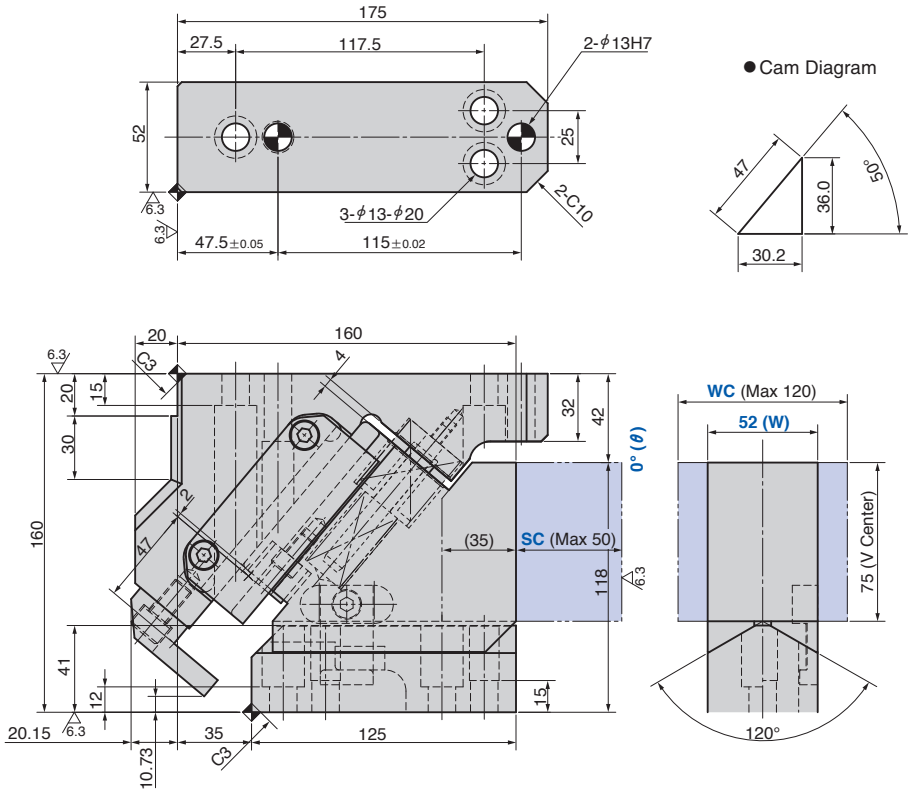
Assembly is the reverse procedure of disassembly.

- Ensure that all parts are clean, particularly the sliding components to which a small amount of lubricant is applied and is then placed in position.
- Take care that the respective tolerances are observed when assembling Cam Slider and Cam Holder, which also should be identified by the same serial number.
- Make sure that all bolts are tighten to the recommended torque after assembly and disassembly.

Aerial Cam Unit

SACE52-00

CAD FILE



Travel S	Working Force [kN (tonf)] Standard Working Force 1,000,000 strokes	Working Force [kN (tonf)] Allowable Working Force 300,000 strokes	Spring Force N (kgf) Initial Load	Spring Force N (kgf) Final Load	Total Weight kg	Catalog No.	W	θ
30.2	29.4 (3.0)	58.8 (6.0)	14.0 (1.4)	1425.5 (145.5)	8.8	SACE	52	00

Order

Catalog No.	W		θ		Option
SACE	52	–	00		
SACE	52	–	00		– SC40
SACE	52	–	00		– WC120
SACE	52	–	00		– SC40 – WC120 – N12

Option

Option Code	Specification
SC	Mount face length is extended from 1 to 50 mm in increments of 1 mm.
WC	The width of the mount face is extended from 53 to 120 mm in increments of 1 mm.
N12	Dowel holes of Cam Holder and Cam Driver are changed to φ12H7.

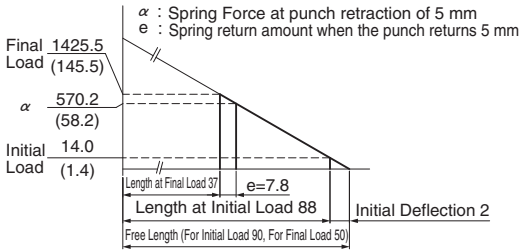
Refer to page 377 for the machining details of tapped holes and dowel holes for retainer mounting.

■Spring Specification

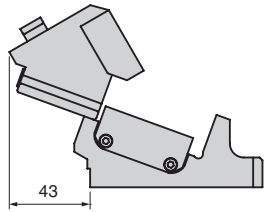
No.	Spring Model	Qty	Remark
10	TF20-90	1	For Initial Load 7.01 N/mm (0.72 kgf/mm)
11	TM30-50	1	For Final Load 109.65 N/mm (11.18 kgf/mm)

Life expectancy of Coil Spring is approximately 1,000,000 strokes.

■Spring Diagram



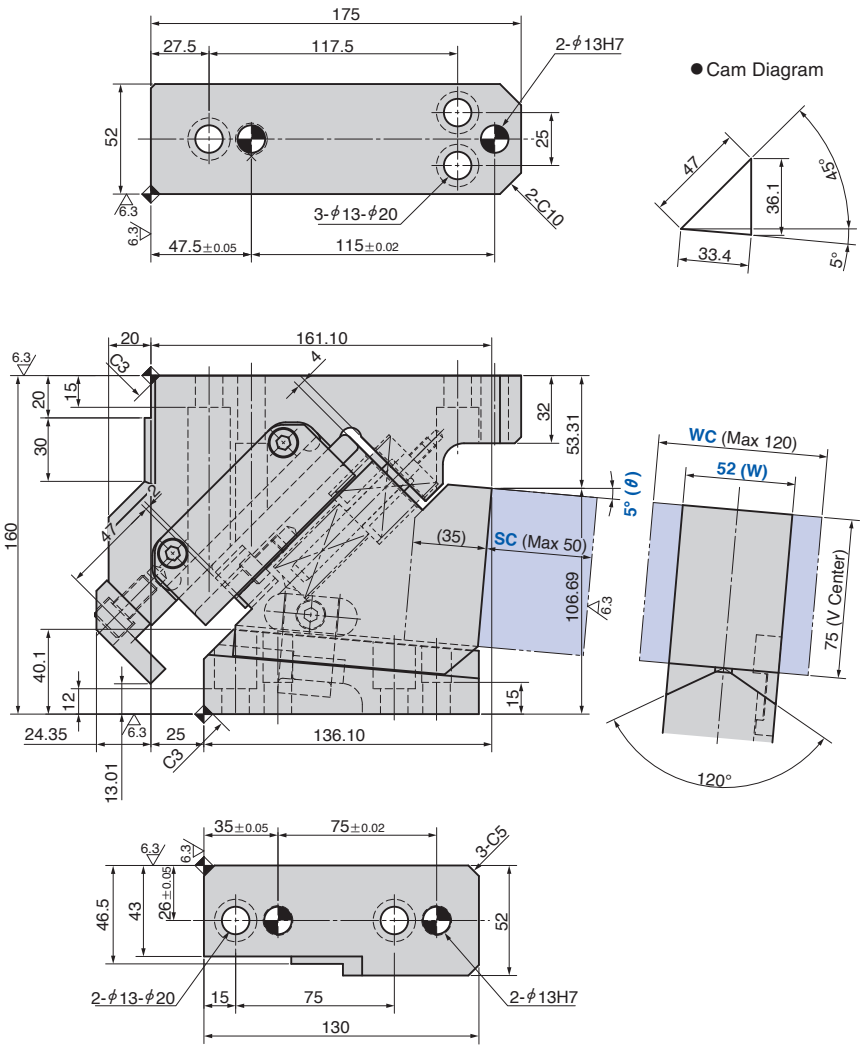
■Rear Removal Space



Refer to page 685 for Table of Components.

SACE52-05

CAD FILE



Travel S	Working Force [kN (tonf)] Standard Working Force 1,000,000 strokes	Working Force [kN (tonf)] Allowable Working Force 300,000 strokes	Spring Force N (kgf) Initial Load	Spring Force N (kgf) Final Load	Total Weight kg	Catalog No.	W	θ
33.4	29.4 (3.0)	58.8 (6.0)	14.0 (1.4)	1425.5 (145.5)	8.6	SACE	52	05

Order

Catalog No.	W		θ		Option
SACE	52	–	05		
SACE	52	–	05	–	SC40
SACE	52	–	05	–	WC120
SACE	52	–	05	–	SC40 – WC120 – N12

Option

Option Code	Specification
SC	Mount face length is extended from 1 to 50 mm in increments of 1 mm.
WC	The width of the mount face is extended from 53 to 120 mm in increments of 1 mm.
N12	Dowel holes of Cam Holder and Cam Driver are changed to φ12H7.

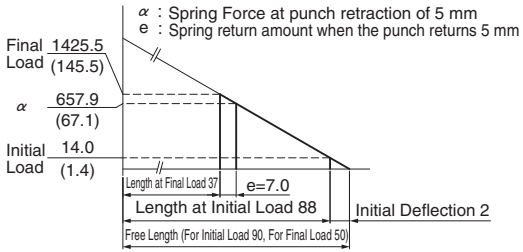
Refer to page 377 for the machining details of tapped holes and dowel holes for retainer mounting.

■Spring Specification

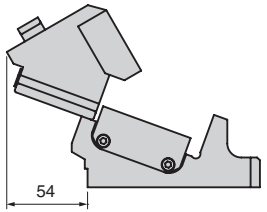
No.	Spring Model	Qty	Remark
10	TF20-90	1	For Initial Load 7.01 N/mm (0.72 kgf/mm)
11	TM30-50	1	For Final Load 109.65 N/mm (11.18 kgf/mm)

Life expectancy of Coil Spring is approximately 1,000,000 strokes.

■Spring Diagram



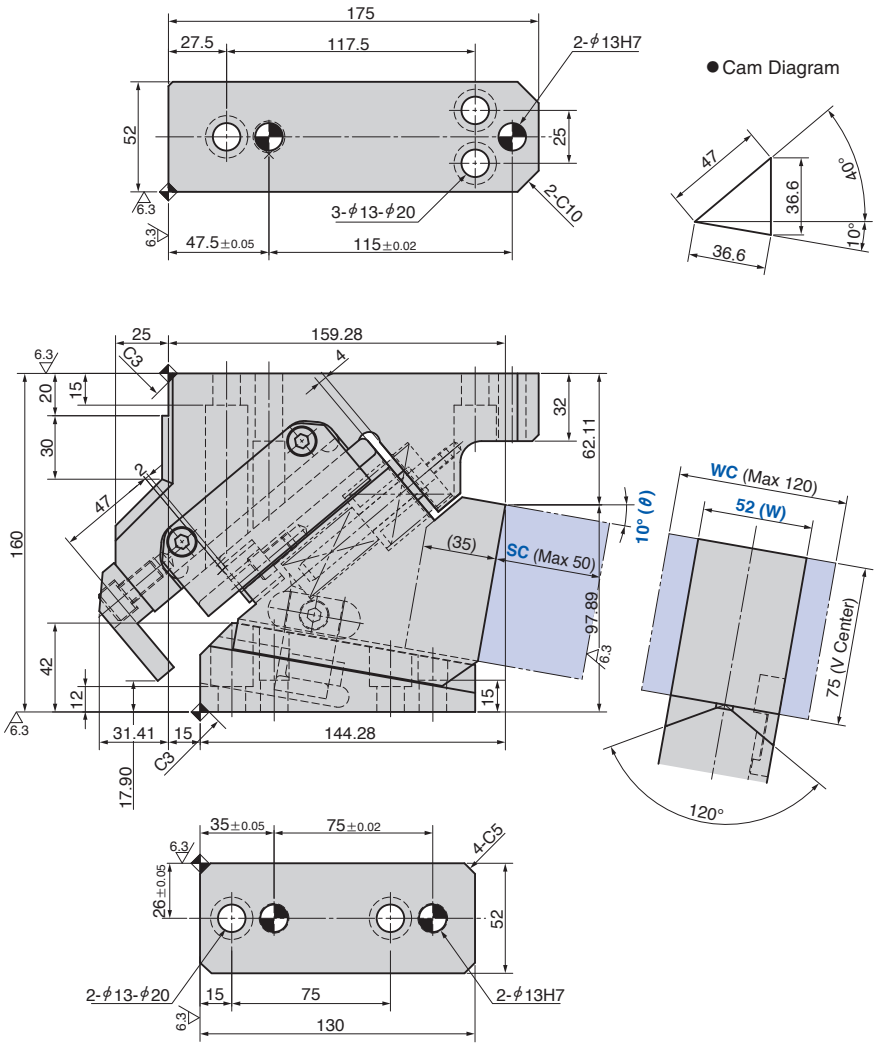
■Rear Removal Space



Refer to page 685 for Table of Components.

SACE52-10

CAD FILE



Travel S	Working Force [kN (tonf)] Standard Working Force 1,000,000 strokes	Working Force [kN (tonf)] Allowable Working Force 300,000 strokes	Spring Force N (kgf) Initial Load	Spring Force N (kgf) Final Load	Total Weight kg	Catalog No.	W	θ
36.6	29.4 (3.0)	58.8 (6.0)	14.0 (1.4)	1425.5 (145.5)	8.7	SACE	52	10

Order

Catalog No.	W		θ		Option
SACE	52	–	10		
SACE	52	–	10		– SC40
SACE	52	–	10		– WC120
SACE	52	–	10		– SC40 – WC120 – N12

Option

Option Code	Specification
SC	Mount face length is extended from 1 to 50 mm in increments of 1 mm.
WC	The width of the mount face is extended from 53 to 120 mm in increments of 1 mm.
N12	Dowel holes of Cam Holder and Cam Driver are changed to φ12H7.

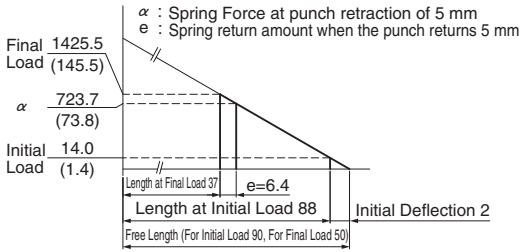
Refer to page 377 for the machining details of tapped holes and dowel holes for retainer mounting.

■Spring Specification

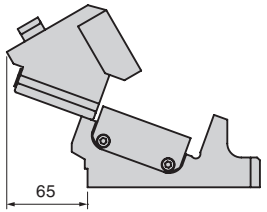
No.	Spring Model	Qty	Remark
10	TF20-90	1	For Initial Load 7.01 N/mm (0.72 kgf/mm)
11	TM30-50	1	For Final Load 109.65 N/mm (11.18 kgf/mm)

Life expectancy of Coil Spring is approximately 1,000,000 strokes.

■Spring Diagram



■Rear Removal Space

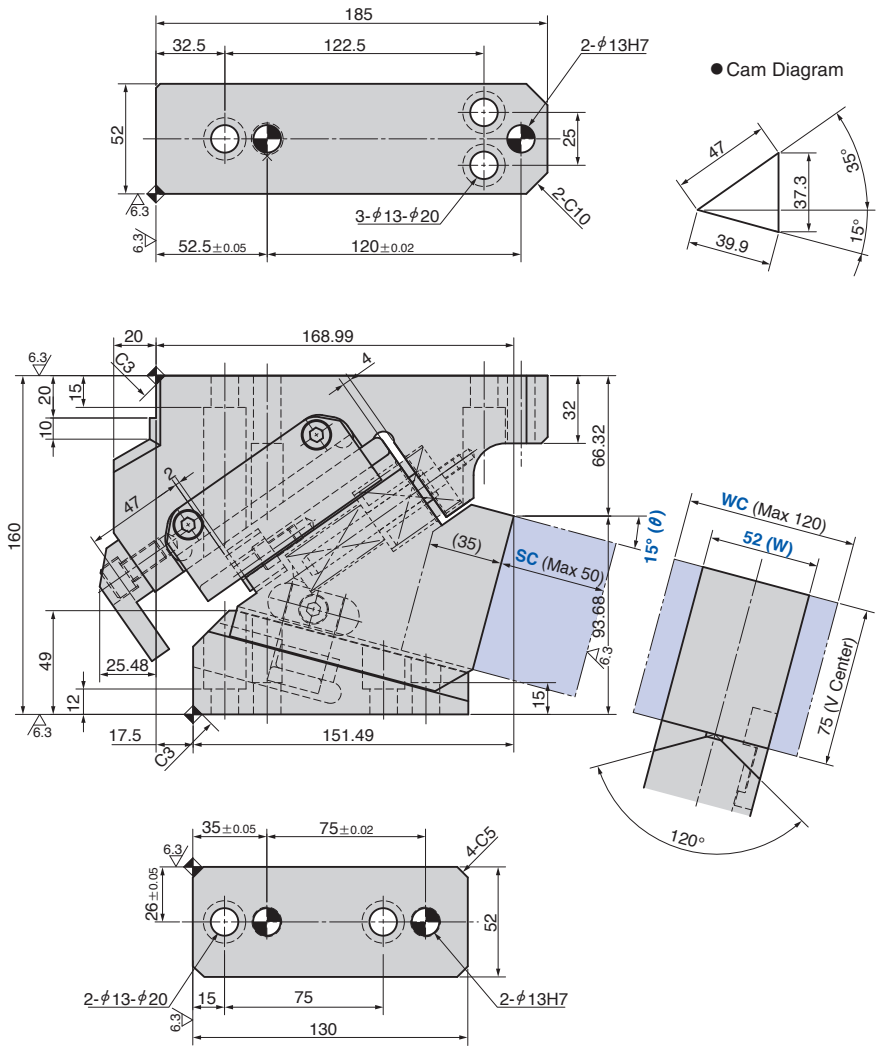


Refer to page 685 for Table of Components.

Aerial Cam Unit

SACE52-15

CAD FILE



Travel S	Working Force [kN (tonf)] Standard Working Force 1,000,000 strokes	Working Force [kN (tonf)] Allowable Working Force 300,000 strokes	Spring Force N (kgf) Initial Load	Spring Force N (kgf) Final Load	Total Weight kg	Catalog No.	W	θ
39.9	29.4 (3.0)	58.8 (6.0)	14.0 (1.4)	1425.5 (145.5)	8.7	SACE	52	15

Order

Catalog No.	W		θ		Option
SACE	52	–	15		
SACE	52	–	15	–	SC40
SACE	52	–	15	–	WC120
SACE	52	–	15	–	SC40 – WC120 – N12

Option

Option Code	Specification
SC	Mount face length is extended from 1 to 50 mm in increments of 1 mm.
WC	The width of the mount face is extended from 53 to 120 mm in increments of 1 mm.
N12	Dowel holes of Cam Holder and Cam Driver are changed to φ12H7.

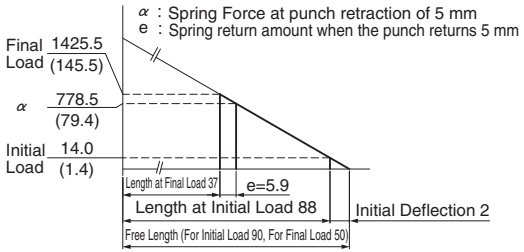
Refer to page 377 for the machining details of tapped holes and dowel holes for retainer mounting.

■Spring Specification

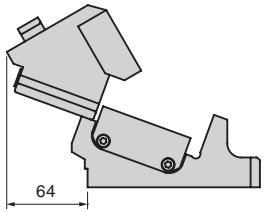
No.	Spring Model	Qty	Remark
10	TF20-90	1	For Initial Load 7.01 N/mm (0.72 kgf/mm)
11	TM30-50	1	For Final Load 109.65 N/mm (11.18 kgf/mm)

Life expectancy of Coil Spring is approximately 1,000,000 strokes.

■Spring Diagram



■Rear Removal Space

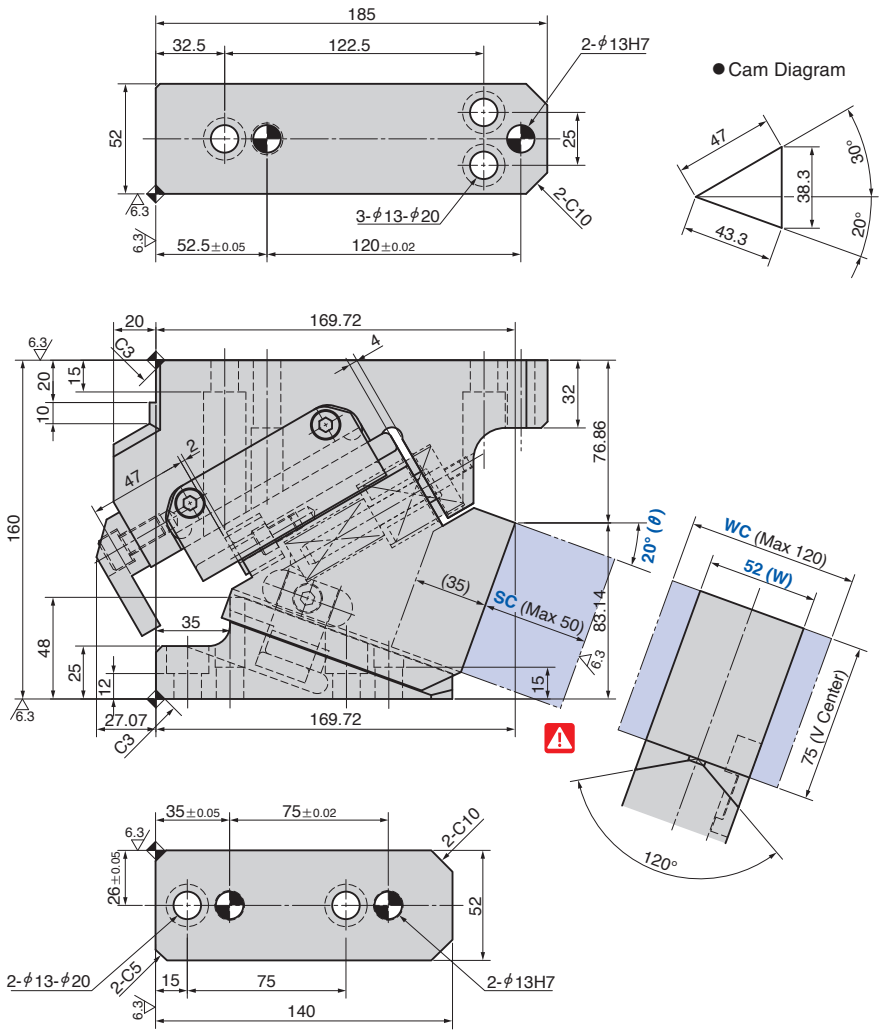


Refer to page 685 for Table of Components.

Aerial Cam Unit

SACE52-20

CAD FILE



Travel S	Working Force [kN (tonf)] Standard Working Force 1,000,000 strokes	Working Force [kN (tonf)] Allowable Working Force 300,000 strokes	Spring Force N (kgf) Initial Load	Spring Force N (kgf) Final Load	Total Weight kg	Catalog No.	W	θ
43.3	29.4 (3.0)	58.8 (6.0)	14.0 (1.4)	1425.5 (145.5)	8.9	SACE	52	20

Order

Catalog No.	W		θ		Option
SACE	52	–	20		
SACE	52	–	20		– SC40
SACE	52	–	20		– WC120
SACE	52	–	20		– SC40 – WC120 – N12

Option

Option Code	Specification
SC	Mount face length is extended from 1 to 50 mm in increments of 1 mm.
WC	The width of the mount face is extended from 53 to 120 mm in increments of 1 mm.
N12	Dowel holes of Cam Holder and Cam Driver are changed to φ12H7.

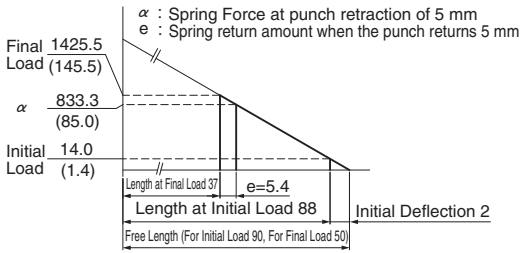
Refer to page 377 for the machining details of tapped holes and dowel holes for retainer mounting.

■Spring Specification

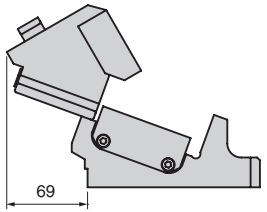
No.	Spring Model	Qty	Remark
10	TF20-90	1	For Initial Load 7.01 N/mm (0.72 kgf/mm)
11	TM30-50	1	For Final Load 109.65 N/mm (11.18 kgf/mm)

Life expectancy of Coil Spring is approximately 1,000,000 strokes.

■Spring Diagram



■Rear Removal Space

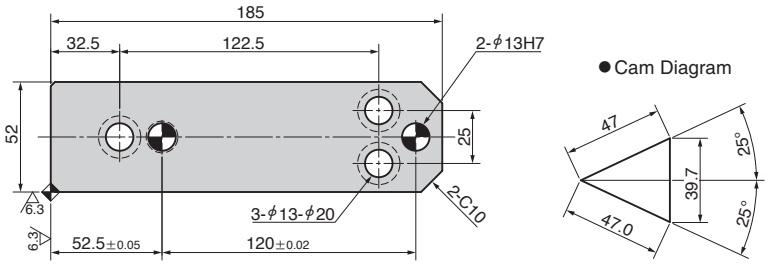


When the slider interferes with the die due to the protrusion length, you will need to machine the die for clearance.

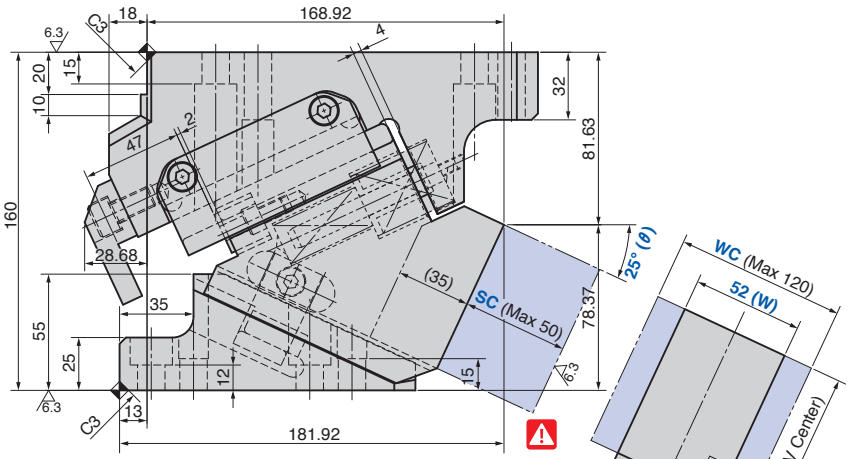
Refer to page 685 for Table of Components.

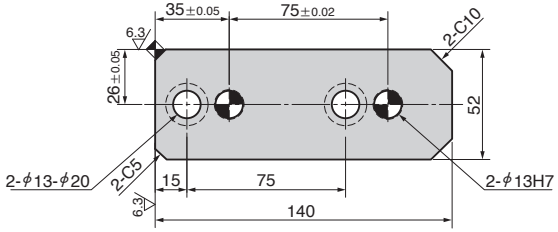
SACE52-25

CAD FILE



● Cam Diagram





Travel S	Working Force [kN (tonf)] Standard Working Force 1,000,000 strokes	Working Force [kN (tonf)] Allowable Working Force 300,000 strokes	Spring Force N (kgf) Initial Load	Spring Force N (kgf) Final Load	Total Weight kg	Catalog No.	W	θ
47.0	29.4 (3.0)	58.8 (6.0)	14.0 (1.4)	1425.5 (145.5)	8.8	SACE	52	25

Order

Catalog No.	W		θ		Option
SACE	52	–	25		
SACE	52	–	25		– SC40
SACE	52	–	25		– WC120
SACE	52	–	25		– SC40 – WC120 – N12

Option

Option Code	Specification
SC	Mount face length is extended from 1 to 50 mm in increments of 1 mm.
WC	The width of the mount face is extended from 53 to 120 mm in increments of 1 mm.
N12	Dowel holes of Cam Holder and Cam Driver are changed to φ12H7.

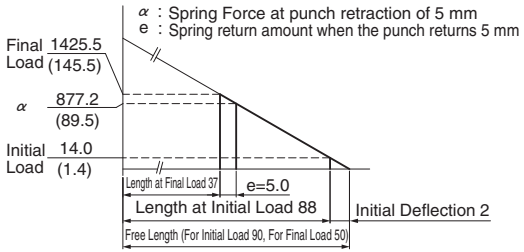
Refer to page 377 for the machining details of tapped holes and dowel holes for retainer mounting.

■Spring Specification

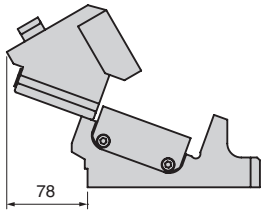
No.	Spring Model	Qty	Remark
10	TF20-90	1	For Initial Load 7.01 N/mm (0.72 kgf/mm)
11	TM30-50	1	For Final Load 109.65 N/mm (11.18 kgf/mm)

Life expectancy of Coil Spring is approximately 1,000,000 strokes.

■Spring Diagram



■Rear Removal Space



When the slider interferes with the die due to the protrusion length, you will need to machine the die for clearance.

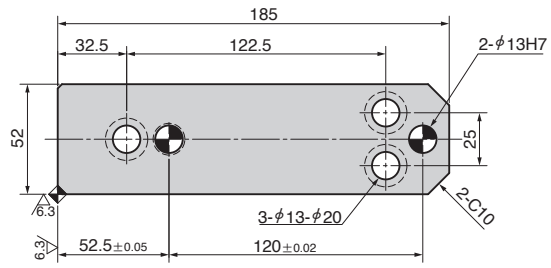
Refer to page 685 for Table of Components.

Copyright © Sankyo Oilless Industry, Inc. All Rights Reserved.

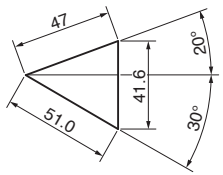
Aerial Cam Unit

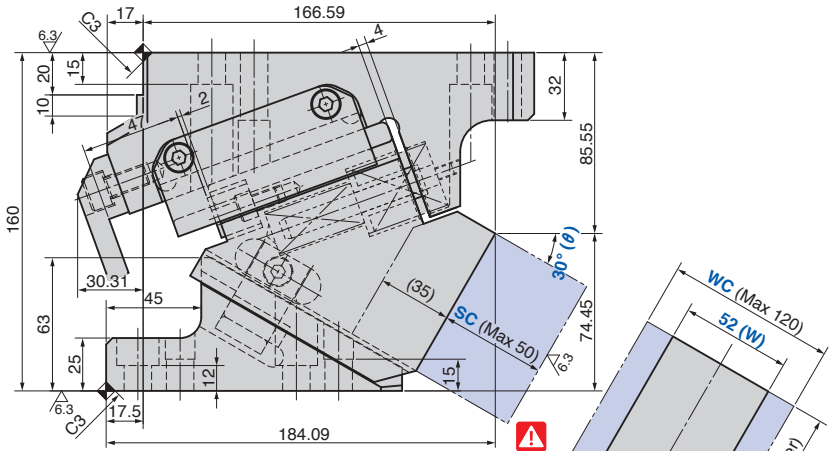
SACE52-30

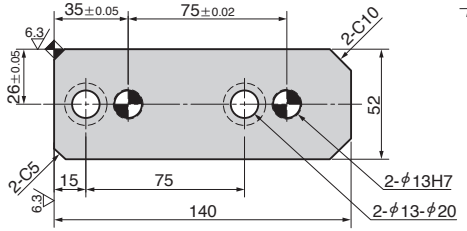
CAD FILE



● Cam Diagram







Travel S	Working Force [kN (tonf)] Standard Working Force 1,000,000 strokes	Working Force [kN (tonf)] Allowable Working Force 300,000 strokes	Spring Force N (kgf) Initial Load	Spring Force N (kgf) Final Load	Total Weight kg	Catalog No.	W	θ
51.0	29.4 (3.0)	58.8 (6.0)	14.0 (1.4)	1425.5 (145.5)	8.6	SACE	52	30

Order

Catalog No.	W		θ		Option
SACE	52	–	30		
SACE	52	–	30	–	SC40
SACE	52	–	30	–	WC120
SACE	52	–	30	–	SC40 – WC120 – N12

Option

Option Code	Specification
SC	Mount face length is extended from 1 to 50 mm in increments of 1 mm.
WC	The width of the mount face is extended from 53 to 120 mm in increments of 1 mm.
N12	Dowel holes of Cam Holder and Cam Driver are changed to φ12H7.

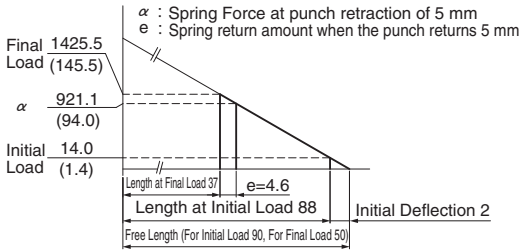
Refer to page 377 for the machining details of tapped holes and dowel holes for retainer mounting.

■Spring Specification

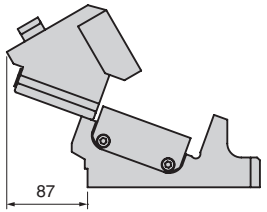
No.	Spring Model	Qty	Remark
10	TF20-90	1	For Initial Load 7.01 N/mm (0.72 kgf/mm)
11	TM30-50	1	For Final Load 109.65 N/mm (11.18 kgf/mm)

Life expectancy of Coil Spring is approximately 1,000,000 strokes.

■Spring Diagram



■Rear Removal Space

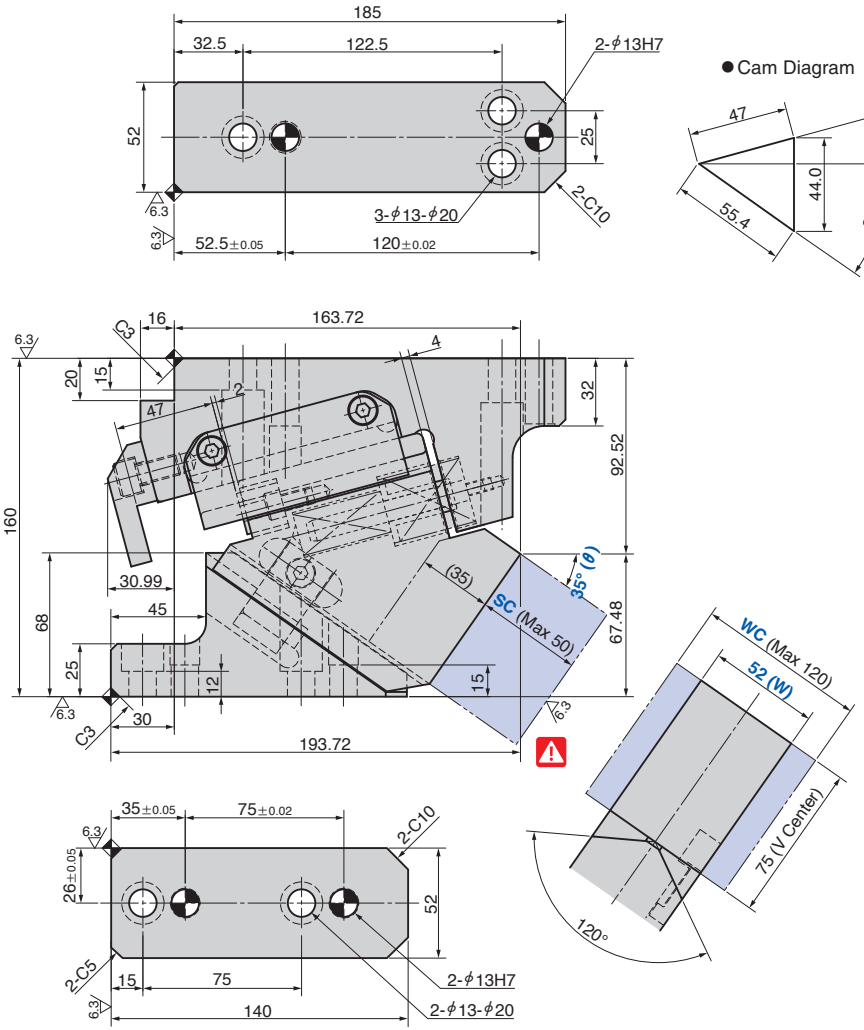


When the slider interferes with the die due to the protrusion length, you will need to machine the die for clearance.

Refer to page 685 for Table of Components.

SACE52-35

CAD FILE



Travel S	Working Force [kN (tonf)] Standard Working Force 1,000,000 strokes	Working Force [kN (tonf)] Allowable Working Force 300,000 strokes	Spring Force N (kgf) Initial Load	Spring Force N (kgf) Final Load	Total Weight kg	Catalog No.	W	θ
55.4	29.4 (3.0)	58.8 (6.0)	14.0 (1.4)	1425.5 (145.5)	8.8	SACE	52	35

Order

Catalog No.	W		θ		Option
SACE	52	–	35		
SACE	52	–	35		– SC40
SACE	52	–	35		– WC120
SACE	52	–	35		– SC40 – WC120 – N12

Option

Option Code	Specification
SC	Mount face length is extended from 1 to 50 mm in increments of 1 mm.
WC	The width of the mount face is extended from 53 to 120 mm in increments of 1 mm.
N12	Dowel holes of Cam Holder and Cam Driver are changed to φ12H7.

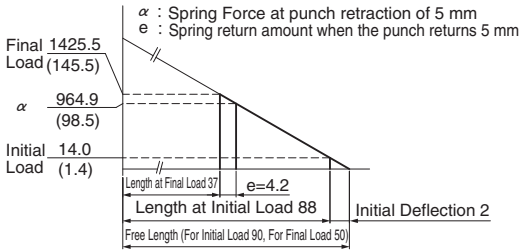
Refer to page 377 for the machining details of tapped holes and dowel holes for retainer mounting.

■Spring Specification

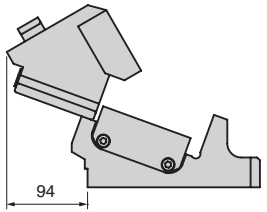
No.	Spring Model	Qty	Remark
10	TF20-90	1	For Initial Load 7.01 N/mm (0.72 kgf/mm)
11	TM30-50	1	For Final Load 109.65 N/mm (11.18 kgf/mm)

Life expectancy of Coil Spring is approximately 1,000,000 strokes.

■Spring Diagram



■Rear Removal Space

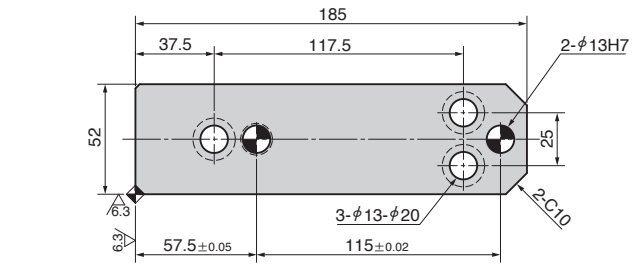


When the slider interferes with the die due to the protrusion length, you will need to machine the die for clearance.

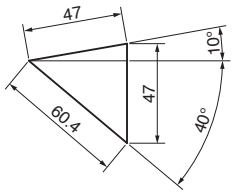
Refer to page 685 for Table of Components.

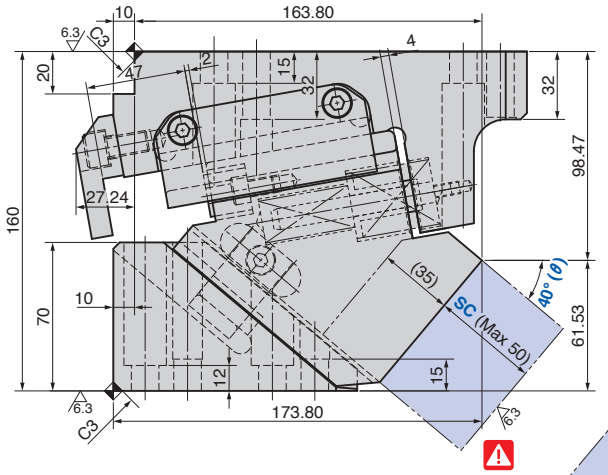
SACE52-40

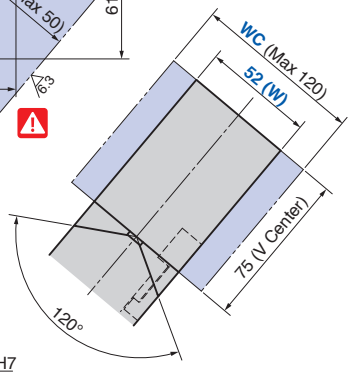
CAD FILE

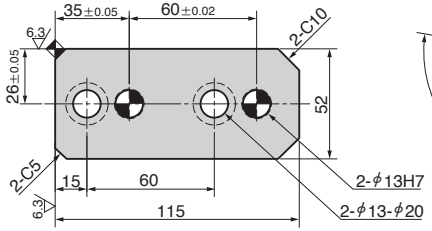


● Cam Diagram









Travel S	Working Force [kN (tonf)] Standard Working Force 1,000,000 strokes	Working Force [kN (tonf)] Allowable Working Force 300,000 strokes	Spring Force N (kgf) Initial Load	Spring Force N (kgf) Final Load	Total Weight kg	Catalog No.	W	θ
60.4	29.4 (3.0)	58.8 (6.0)	14.0 (1.4)	1425.5 (145.5)	8.9	SACE	52	40

Order

Catalog No.	W		θ		Option
SACE	52	–	40		
SACE	52	–	40	–	SC40
SACE	52	–	40	–	WC120
SACE	52	–	40	–	SC40 – WC120 – N12

Option

Option Code	Specification
SC	Mount face length is extended from 1 to 50 mm in increments of 1 mm.
WC	The width of the mount face is extended from 53 to 120 mm in increments of 1 mm.
N12	Dowel holes of Cam Holder and Cam Driver are changed to ϕ12H7.

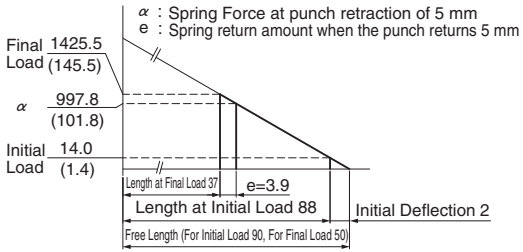
Refer to page 377 for the machining details of tapped holes and dowel holes for retainer mounting.

■Spring Specification

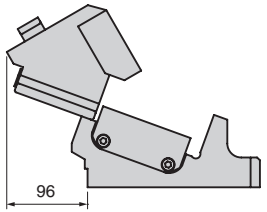
No.	Spring Model	Qty	Remark
10	TF20-90	1	For Initial Load 7.01 N/mm (0.72 kgf/mm)
11	TM30-50	1	For Final Load 109.65 N/mm (11.18 kgf/mm)

Life expectancy of Coil Spring is approximately 1,000,000 strokes.

■Spring Diagram



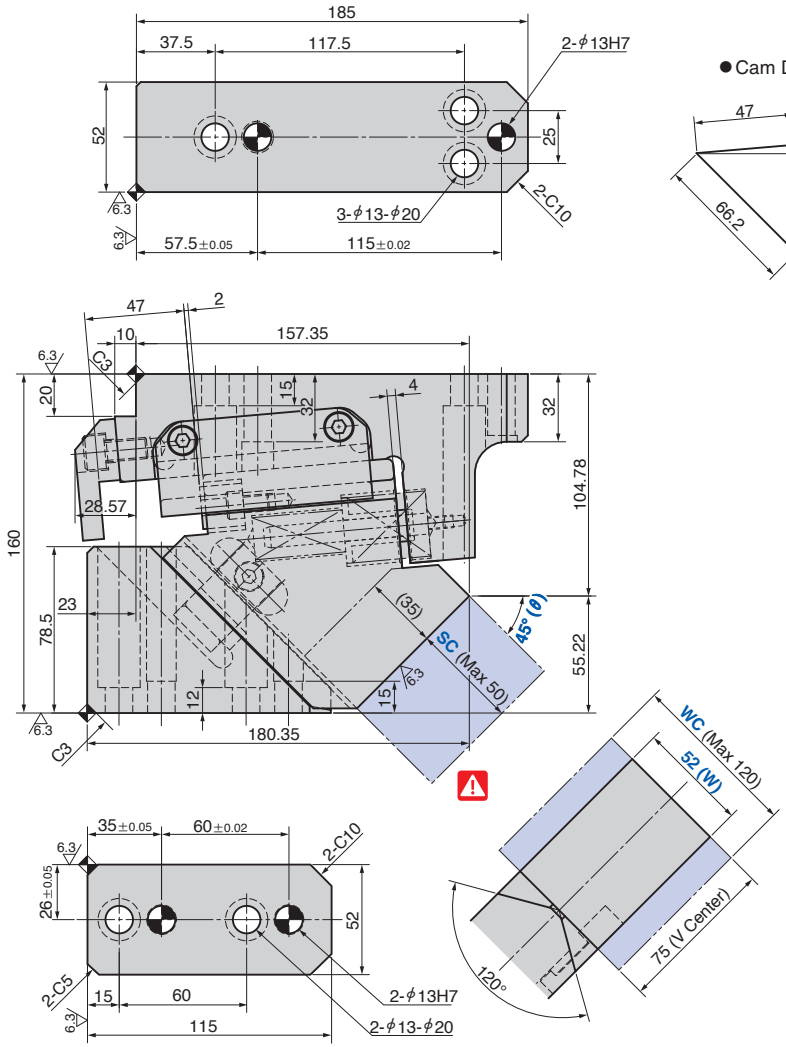
■Rear Removal Space



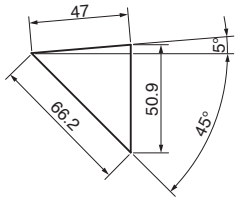
When the slider interferes with the die due to the protrusion length, you will need to machine the die for clearance.

Refer to page 685 for Table of Components.

SACE52-45



● Cam Diagram



Travel S	Working Force [kN (tonf)] Standard Working Force 1,000,000 strokes	Working Force [kN (tonf)] Allowable Working Force 300,000 strokes	Spring Force N (kgf) Initial Load	Spring Force N (kgf) Final Load	Total Weight kg	Catalog No.	W	θ
66.2	29.4 (3.0)	58.8 (6.0)	14.0 (1.4)	1425.5 (145.5)	9.1	SACE	52	45

Order

Catalog No.	W		θ		Option
SACE	52	–	45		
SACE	52	–	45		– SC40
SACE	52	–	45		– WC120
SACE	52	–	45		– SC40 – WC120 – N12

Option

Option Code	Specification
SC	Mount face length is extended from 1 to 50 mm in increments of 1 mm.
WC	The width of the mount face is extended from 53 to 120 mm in increments of 1 mm.
N12	Dowel holes of Cam Holder and Cam Driver are changed to ϕ12H7.

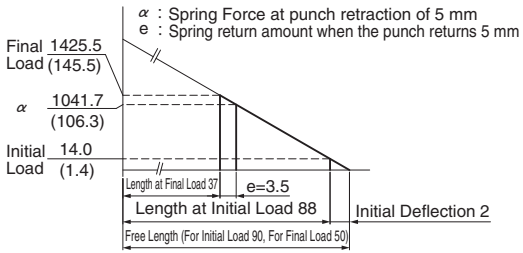
Refer to page 377 for the machining details of tapped holes and dowel holes for retainer mounting.

■Spring Specification

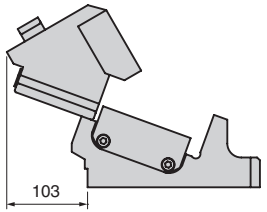
No.	Spring Model	Qty	Remark
10	TF20-90	1	For Initial Load 7.01 N/mm (0.72 kgf/mm)
11	TM30-50	1	For Final Load 109.65 N/mm (11.18 kgf/mm)

Life expectancy of Coil Spring is approximately 1,000,000 strokes.

■Spring Diagram



■Rear Removal Space

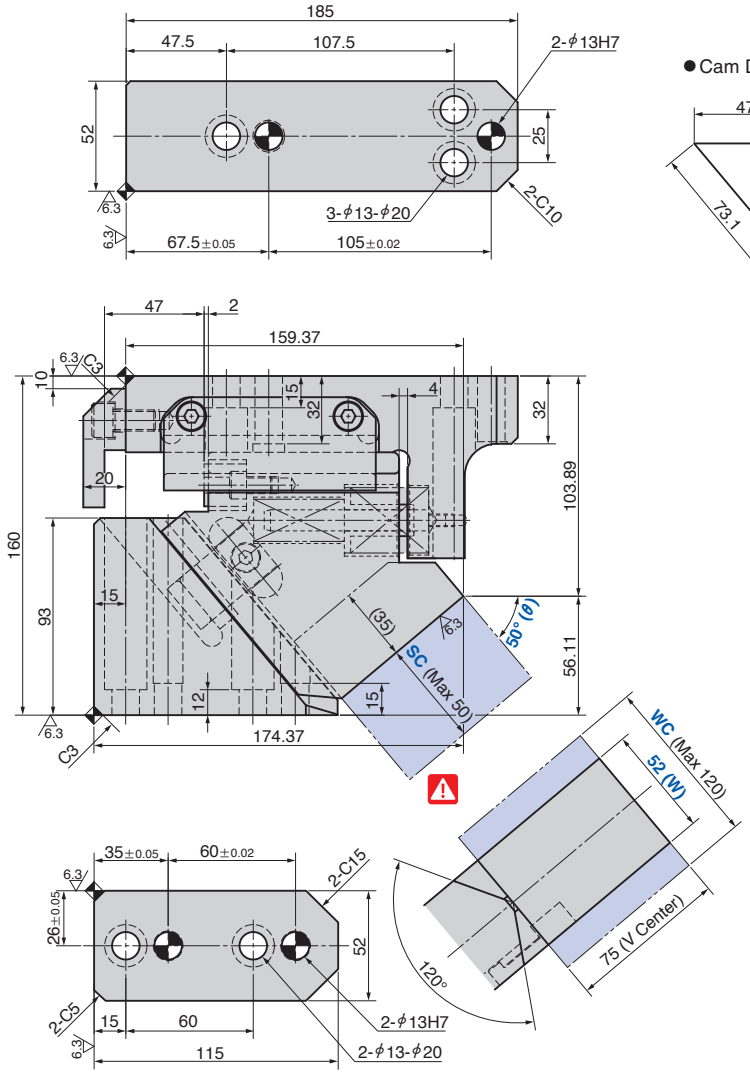


When the slider interferes with the die due to the protrusion length, you will need to machine the die for clearance.

Refer to page 685 for Table of Components.

SACE52-50

CAD FILE



Travel S	Working Force [kN (tonf)] Standard Working Force 1,000,000 strokes	Working Force [kN (tonf)] Allowable Working Force 300,000 strokes	Spring Force N (kgf) Initial Load	Spring Force N (kgf) Final Load	Total Weight kg	Catalog No.	W	θ
73.1	29.4 (3.0)	58.8 (6.0)	14.0 (1.4)	1425.5 (145.5)	8.8	SACE	52	50

Order

Catalog No.	W		θ		Option
SACE	52	–	50		
SACE	52	–	50	–	SC40
SACE	52	–	50	–	WC120
SACE	52	–	50	–	SC40 – WC120 – N12

Option

Option Code	Specification
SC	Mount face length is extended from 1 to 50 mm in increments of 1 mm.
WC	The width of the mount face is extended from 53 to 120 mm in increments of 1 mm.
N12	Dowel holes of Cam Holder and Cam Driver are changed to φ12H7.

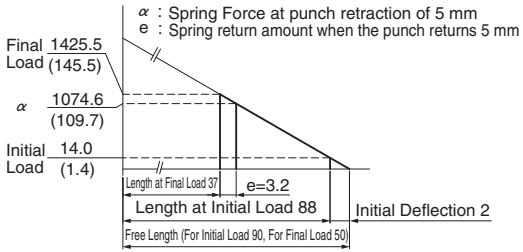
Refer to page 377 for the machining details of tapped holes and dowel holes for retainer mounting.

■Spring Specification

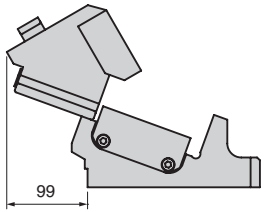
No.	Spring Model	Qty	Remark
10	TF20-90	1	For Initial Load 7.01 N/mm (0.72 kgf/mm)
11	TM30-50	1	For Final Load 109.65 N/mm (11.18 kgf/mm)

Life expectancy of Coil Spring is approximately 1,000,000 strokes.

■Spring Diagram



■Rear Removal Space

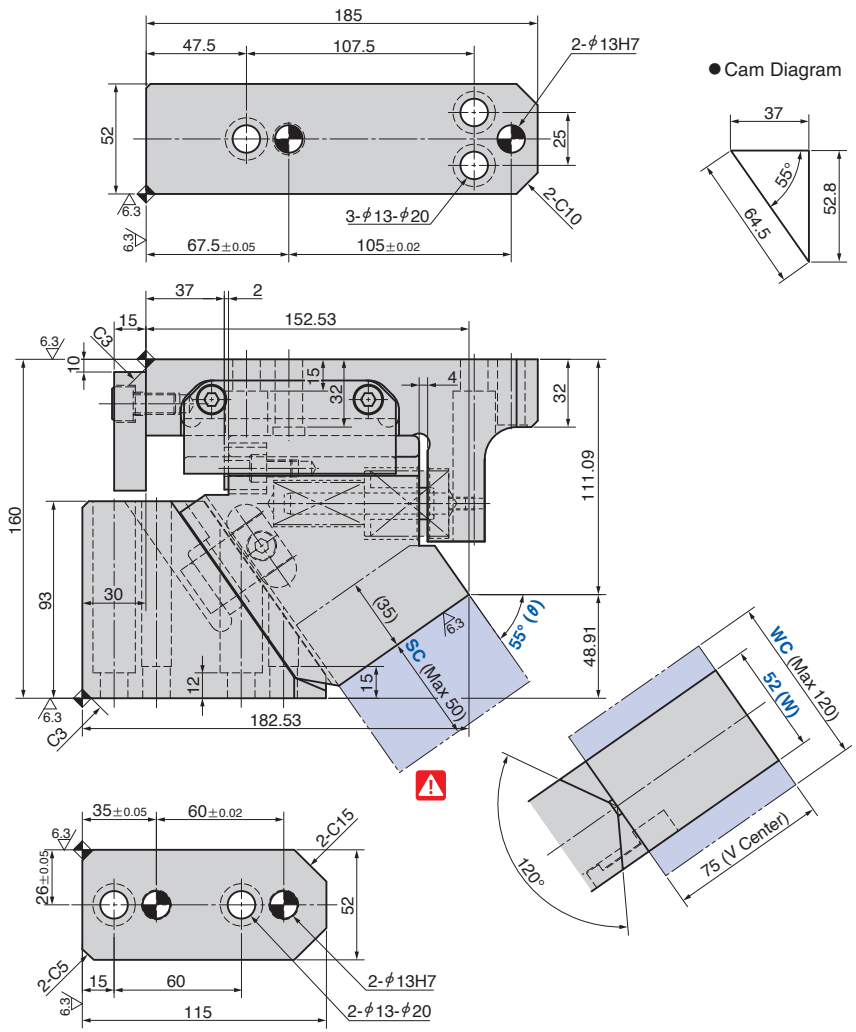


When the slider interferes with the die due to the protrusion length, you will need to machine the die for clearance.

Refer to page 685 for Table of Components.

SACE52-55

CAD FILE



Travel S	Working Force [kN (tonf)] Standard Working Force 1,000,000 strokes	Working Force [kN (tonf)] Allowable Working Force 300,000 strokes	Spring Force N (kgf) Initial Load	Spring Force N (kgf) Final Load	Total Weight kg	Catalog No.	W	θ
64.5	29.4 (3.0)	58.8 (6.0)	36.1 (3.7)	1425.5 (145.5)	8.9	SACE	52	55

Order

Catalog No.	W		θ		Option
SACE	52	–	55		
SACE	52	–	55	–	SC40
SACE	52	–	55	–	WC120
SACE	52	–	55	–	SC40 – WC120 – N12

Option

Option Code	Specification
SC	Mount face length is extended from 1 to 50 mm in increments of 1 mm.
WC	The width of the mount face is extended from 53 to 120 mm in increments of 1 mm.
N12	Dowel holes of Cam Holder and Cam Driver are changed to φ12H7.

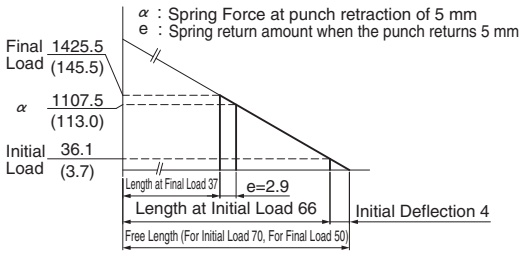
Refer to page 377 for the machining details of tapped holes and dowel holes for retainer mounting.

■Spring Specification

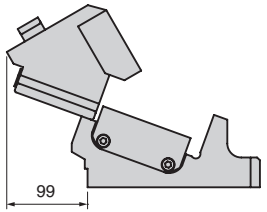
No.	Spring Model	Qty	Remark
10	TF20-70	1	For Initial Load 9.02 N/mm (0.92 kgf/mm)
11	TM30-50	1	For Final Load 109.65 N/mm (11.18 kgf/mm)

Life expectancy of Coil Spring is approximately 1,000,000 strokes.

■Spring Diagram



■Rear Removal Space

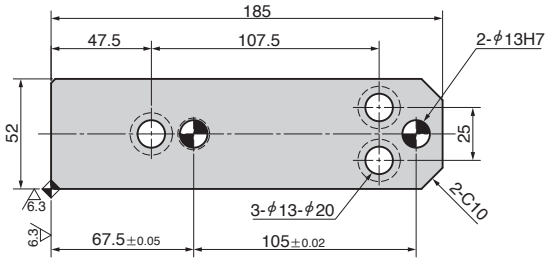


When the slider interferes with the die due to the protrusion length, you will need to machine the die for clearance.

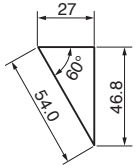
Refer to page 685 for Table of Components.

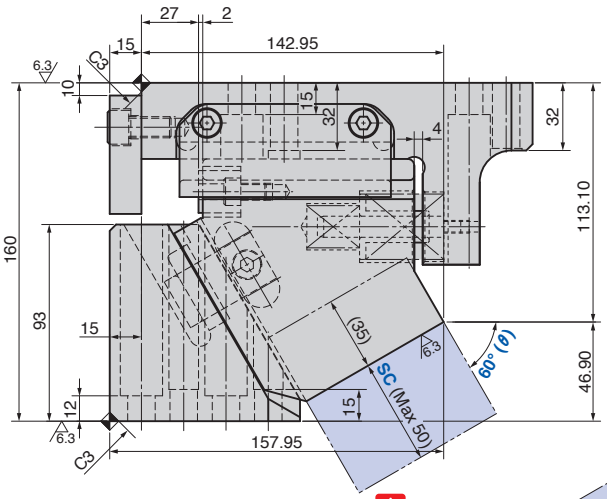
SACE52-60

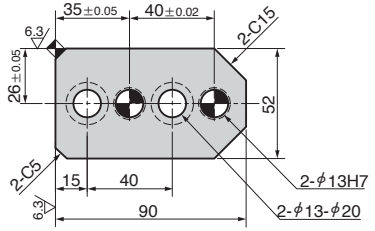
CAD FILE

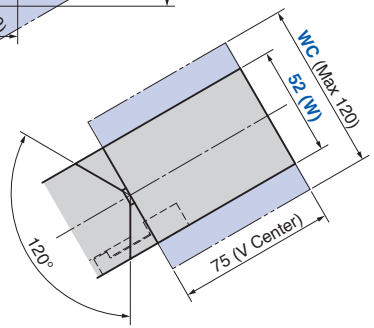


● Cam Diagram









Travel S	Working Force [kN (tonf)] Standard Working Force 1,000,000 strokes	Working Force [kN (tonf)] Allowable Working Force 300,000 strokes	Spring Force N (kgf) Initial Load	Spring Force N (kgf) Final Load	Total Weight kg	Catalog No.	W	θ
54.0	29.4 (3.0)	58.8 (6.0)	75.7 (7.7)	1425.5 (145.5)	8.5	SACE	52	60

Order

Catalog No.	W		θ		Option
SACE	52	–	60		
SACE	52	–	60	–	SC40
SACE	52	–	60	–	WC120
SACE	52	–	60	–	SC40 – WC120 – N12

Option

Option Code	Specification
SC	Mount face length is extended from 1 to 50 mm in increments of 1 mm.
WC	The width of the mount face is extended from 53 to 120 mm in increments of 1 mm.
N12	Dowel holes of Cam Holder and Cam Driver are changed to φ12H7.

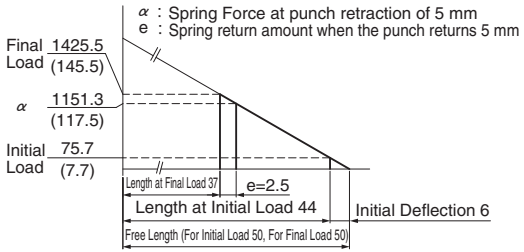
Refer to page 377 for the machining details of tapped holes and dowel holes for retainer mounting.

■Spring Specification

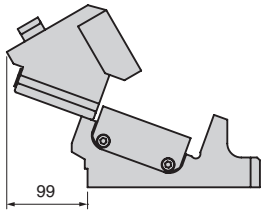
No.	Spring Model	Qty	Remark
10	TF20-50	1	For Initial Load 12.62 N/mm (1.29 kgf/mm)
11	TM30-50	1	For Final Load 109.65 N/mm (11.18 kgf/mm)

Life expectancy of Coil Spring is approximately 1,000,000 strokes.

■Spring Diagram



■Rear Removal Space

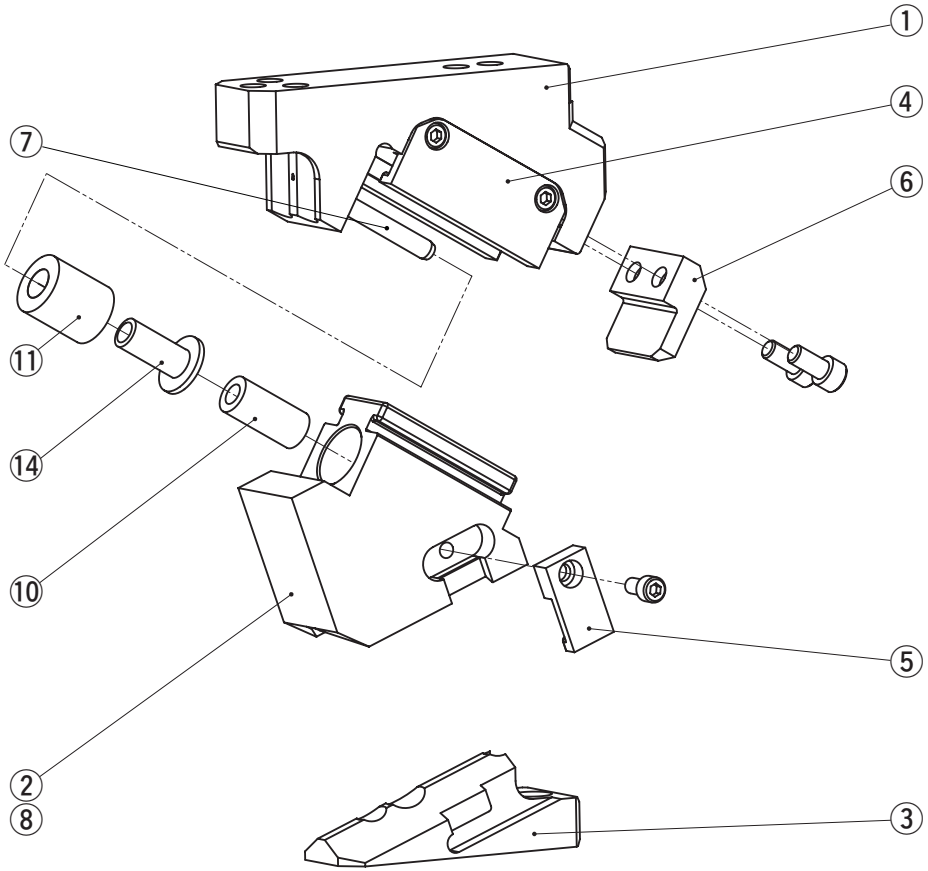


When the slider interferes with the die due to the protrusion length, you will need to machine the die for clearance.

Refer to page 685 for Table of Components.

Aerial Cam Unit

SACE52



No.	Description	Qty	Material and Remark
1	Cam Holder	1	Cast Iron
2	Cam Slider	1	Cast Iron with Graphite
3	Cam Driver	1	Cast Iron
4	Slide Keeper	2	Steel with Graphite
5	Positive Return Follower	1	Bronze
6	Stopper Plate	1	Steel
7	Spring Guide Pin	1	Steel
8	Stopper	1	—
10	Coil Spring	1	TF20-90 0°～50°
10	Coil Spring	1	TF20-70 55°
10	Coil Spring	1	TF20-50 60°
11	Coil Spring	1	TM30-50
14	Spring Guide Bush	1	Bronze

Bolts, nuts, dowels, and washers for assembly are not indicated.

Cam Units [Overview]

Information

■Tapped Hole and Dowel Hole (Prepared Hole, Finish) Machining for Retainer Mounting

Instruction method for machining

Indicate the tapped hole diameter and the dowel hole (or prepared hole) diameter with the XY coordinates.

To indicate the coordinates

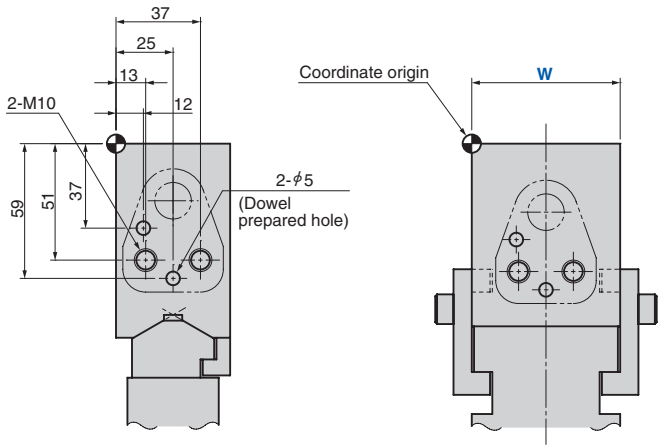
- The origin is positioned at the upper left corner of the mount face. (However, machining uses our machining datum as the reference.)
- Indication symbol

  –M···Tapped hole, **–N**···Dowel prepared hole, **–K**···Dowel finish hole

Machining standard

- Tapped holes and dowel prepared holes are machined to general tolerances.
- The hole depth is 2.5 times the diameter for both tapped holes and dowel holes. The dowel pilot hole is processed for 2 times the diameter.
- The dowel hole spacing is machined to the tolerance of ±0.02.The hole tolerance is H7.

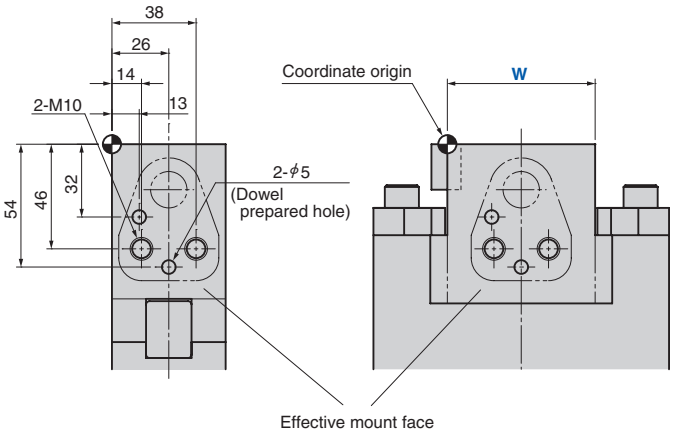
〈Example of Aerial Cam Unit〉



Order

Catalog No.	W	–	θ	– Additional Machining
SACE	52	–	00	– M10 – X (13.0) – Y (–51.0)
				– M10 – X (37.0) – Y (–51.0)
				– K5.0 – X (12.0) – Y (–37.0)
				– K5.0 – X (25.0) – Y (–59.0)

〈Example of Die Mounted Cam Unit〉



Order

Catalog No.	W	–	θ	–	S	– Additional Machining
CMSD	52	–	00	–	55	– M10 – X (14.0) – Y (–46.0)
						– M10 – X (38.0) – Y (–46.0)
						– K5.0 – X (13.0) – Y (–32.0)
						– K5.0 – X (26.0) – Y (–54.0)

■Other machining

Please give instructions on a separate drawing for drilling or cutting other than tapped holes and dowel holes.