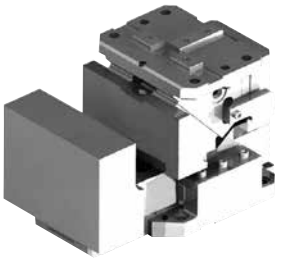
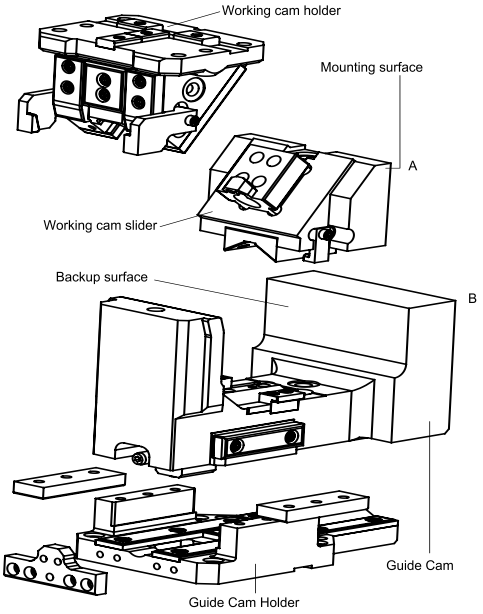
Double Cam Unit

Double cam unit **CWCMS** series is the optimum part for drilling the flat countersunk head screw holes at the door inner panel lock.

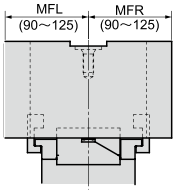


■Types and Features of Double Cam Unit



● Designation of mounting surface

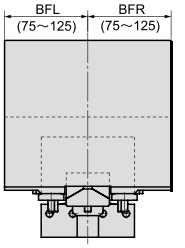
(View A)



Dimension can be designated from the center line in the range of 90 to 125 for the left (MFL) and the right (MFR). (Increments of 5mm)

● Dimensional designation of backup surface

(View B)



Dimension can be designated from the center line in the range of 75 to 125 for the left (BFL) and the right (BFR). (Increments of 5mm) To maintain the same relation as the mounting surface, L and R are determined when viewed from the back of the backup surface (View B).

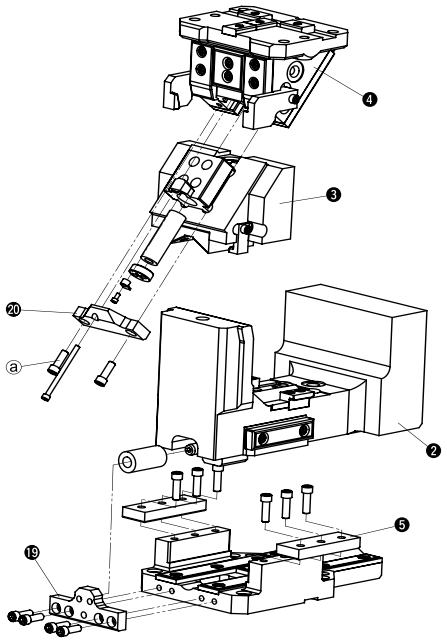
■Spring Specification

Spring Type	Working Cam	Guide Cam
ISO	TM32-152	TM40-76
GK(KALLER)	X350-50-7.0	X500-13-7.0

■Spring Force

Spring Type		Spring Force N(kgf)	
		Initial	Final
ISO	TM32-152(38.6N/mm)	424.6	1968.6
	TM40-76(105.3N/mm)	1263.6	1895.4
GK	X350-50-7.0	1407	2389
	X500-13-7.0	2198	2720

■Structure and Assembly/Disassembly of CWCMSH



●Disassembly method of CWCMSH

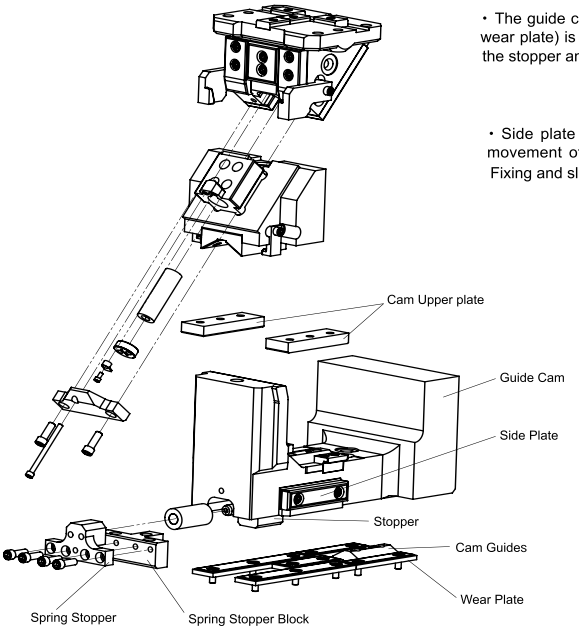
1) Remove hexagon socket head bolt (a) and remove stopper plate (⓴).

2) Pull and remove cam slider(❸) from cam holder B(❹) to the rea.
Guide cam (❷) can be
✻ removed upward by removing spring stopper (⓳) and cam upper plate (❺).

●Assembly method of CWCMSH

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.

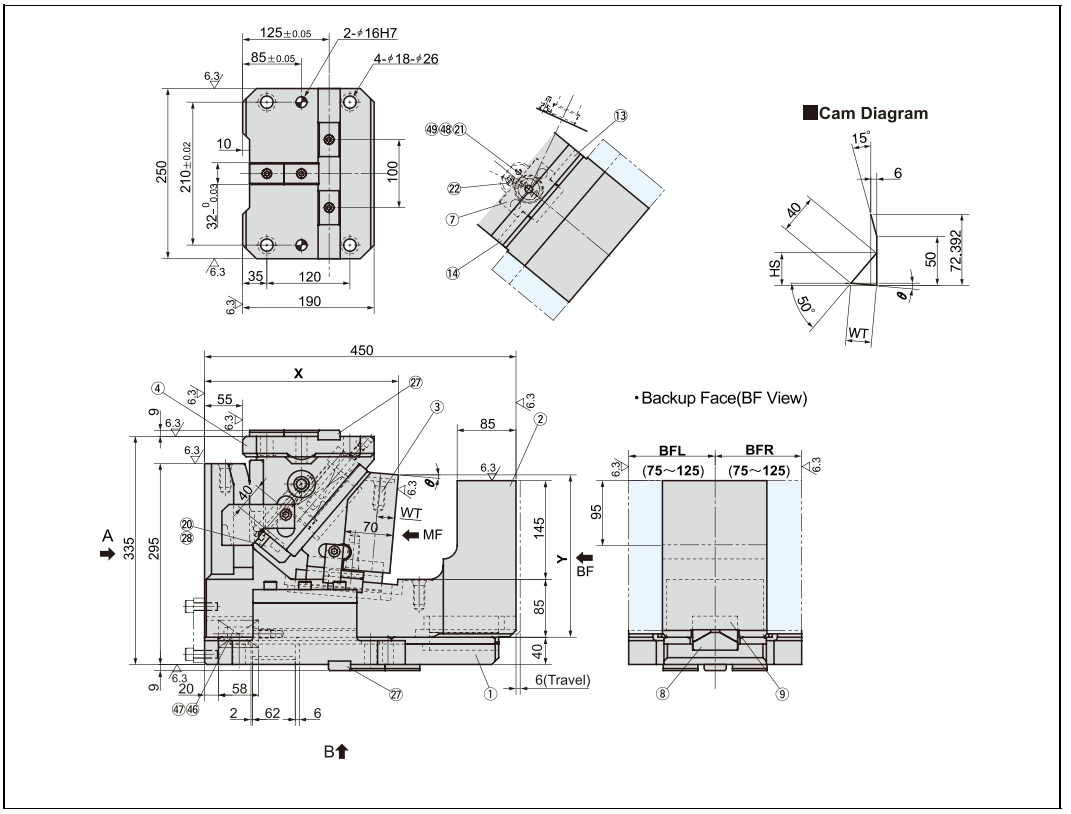
■Structure and Assembly/Disassembly of CWCMS



・The guide cam mounting surface (mounting surface of wear plate) is machined for mounting the stopper and the spring stopper block.

・Side plate A wall surface for forward/backward movement of the guide cam is provided. Fixing and sliding is controlled with the Cam upper plate.

CWCMSH

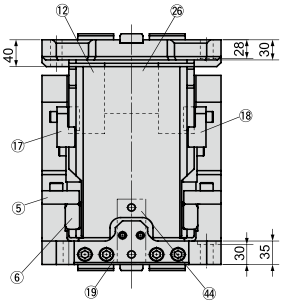


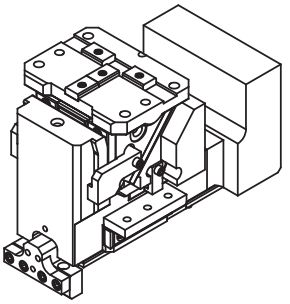
■ Specification Table

Catalog No.	Nominal	Mounting Surface Increments of 5mm		*θ Increments of 0.5°	Backup Surface Increments of 5mm		*PS Spring Type
		MFL	MFR		BFL	BFR	
CWCMSH	250	90-125	90-125	0.0~10.0	75-125	75-125	ISO . GK

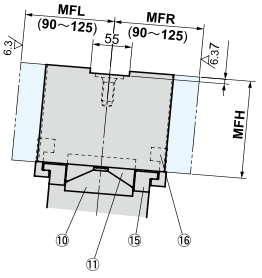
*θ : The angle can be specified at incerments of 0.1°from1.6° to 3.9°

Arrow A View

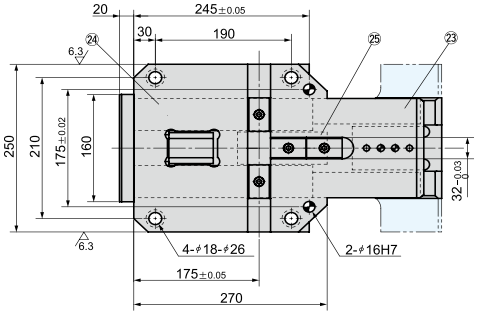




• Mount Face(MF View)



Arrow B View



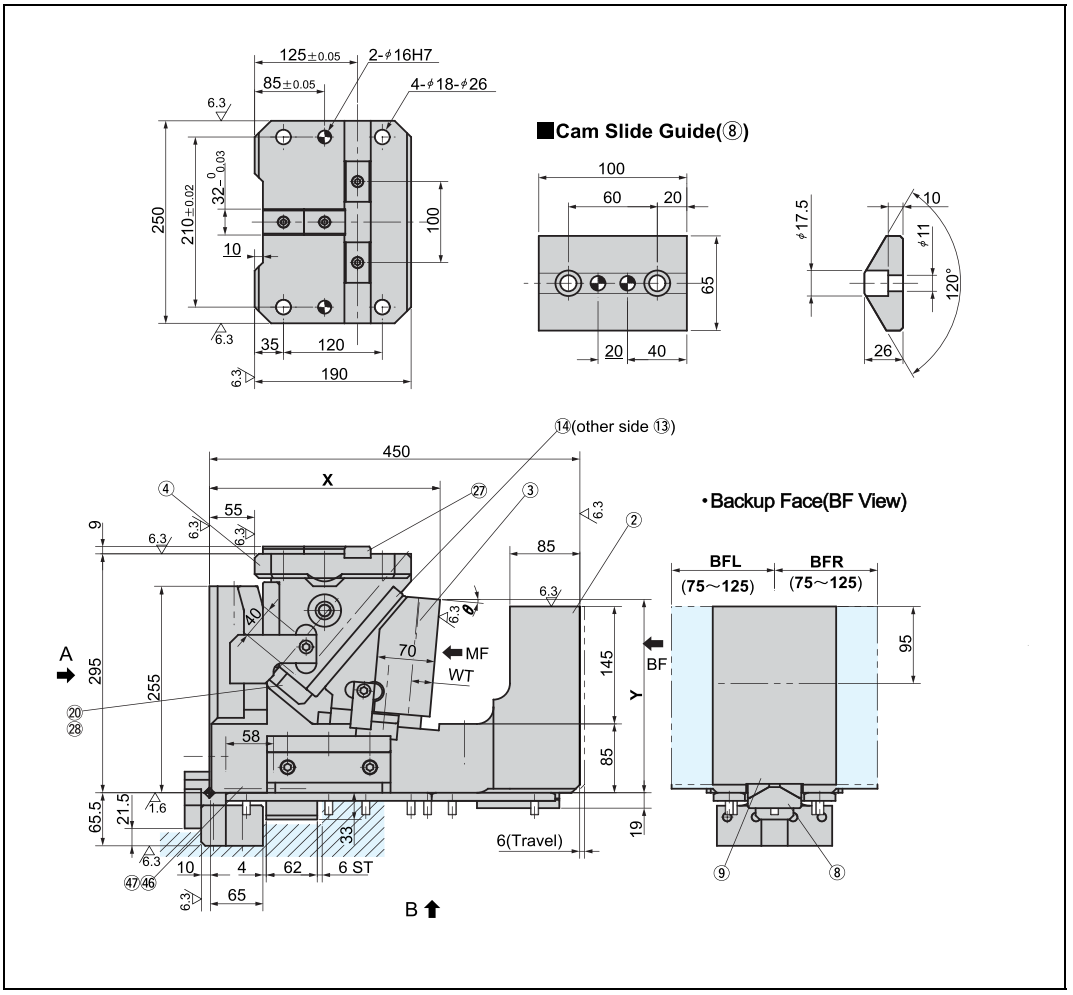
■ Spring Specification

Spring Type	Working Cam Spring Force N		Guide Cam Spring Force N	
	Initial	Final	Initial	Final
ISO	424.6	1968.6	1263.6	1895.4
GK	1407	2389	2198	2720

Order

Catalog No.	Nominal	–	MFL	–	MFR	–	θ	–	BFL	–	BFR	–	PS
CWCMSH	250	–	100	–	90	–	3.0	–	100	–	90	–	GK

CWCMS



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