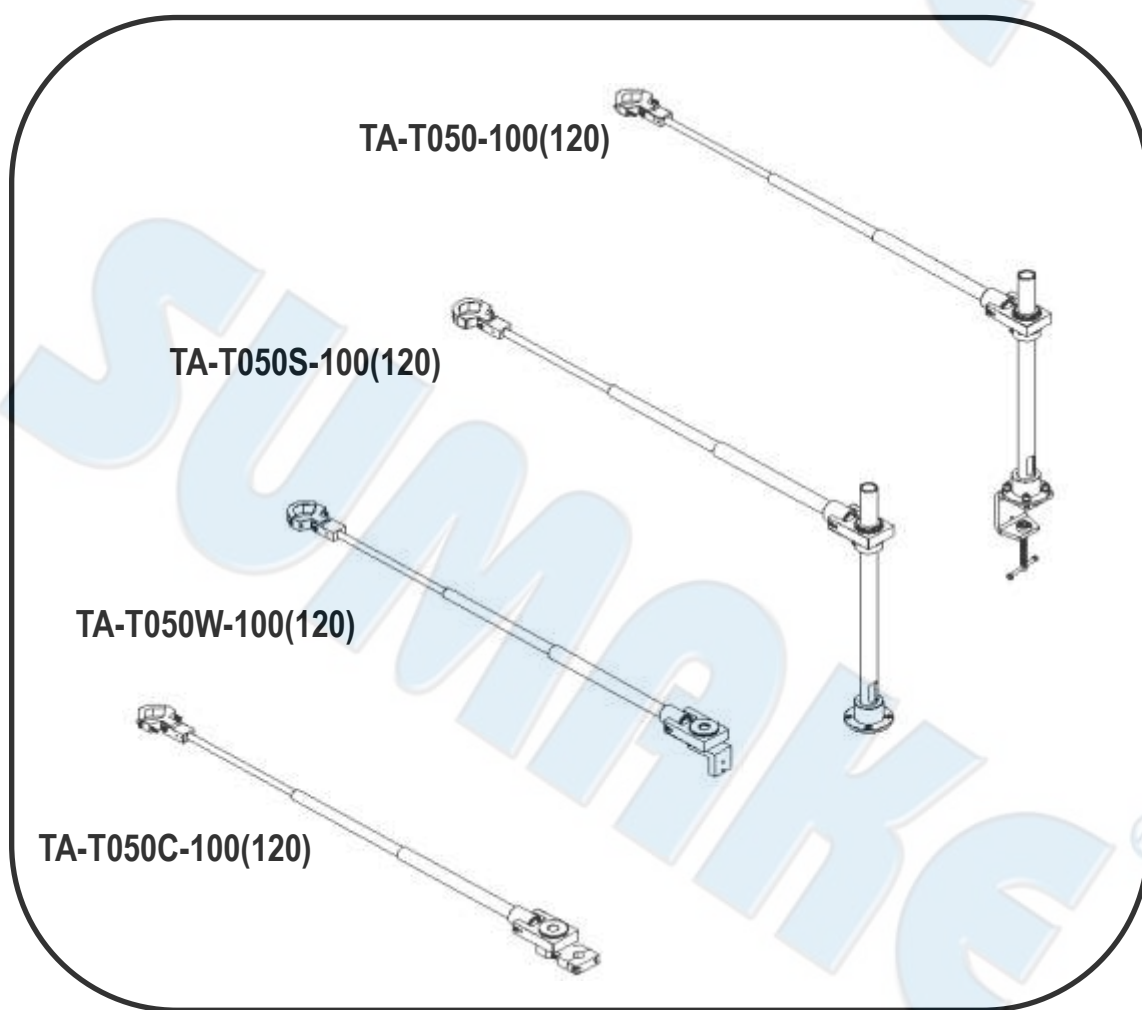


## OPERATION AND MAINTENANCE MANUAL

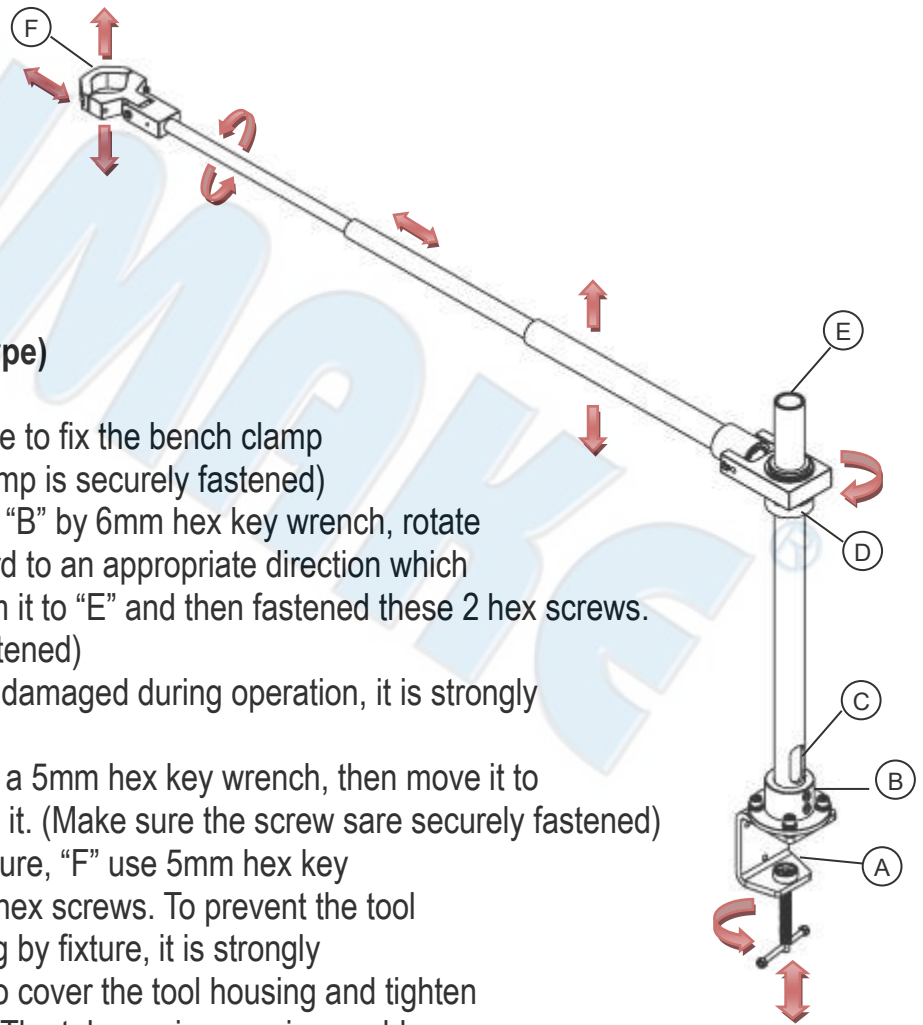
ITEM NO.: **TA-T050-100(120)**  
**TA-T050S-100(120)**  
**TA-T050W-100(120)**  
**TA-T050C-100(120)**  
**TELESCOPING TORQUE ARM**



## Operation Instructions

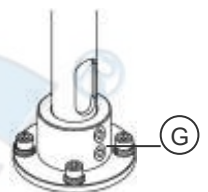
### TA-T050-100(120) (Bench clamp type)

1. Fasten the T screw counterclockwise to fix the bench clamp "A" on the table. (Make sure the clamp is securely fastened)
2. Loosen 2 inner hex screws on base "B" by 6mm hex key wrench, rotate the pillar to make the hole "C" toward to an appropriate direction which could be inserted the tool cable from it to "E" and then fastened these 2 hex screws. (Make sure the screws securely fastened)  
NOTE: To prevent the tool cable be damaged during operation, it is strongly recommend insert it from "C" to "E".
3. Unfasten the sheath holder "D" with a 5mm hex key wrench, then move it to a proper vertical position and fasten it. (Make sure the screw sare securely fastened)
4. In order to mount the tool on the fixture, "F" use 5mm hex key wrench to unfasten / fasten 2 inner hex screws. To prevent the tool from loosen or damaging its housing by fixture, it is strongly recommend to use a robber sheet to cover the tool housing and tighten them together inside the fixture "F". The telescoping arm is capable of being used in the variety tool positions. (Make sure the screws are securely fastened)
5. Standard tool balancer could be used to hang the tool while using this arm. This arm is equipped with a fixture "F" as a standard part. For SUMAKE cordless tools, different tool fixture could be ordered separately.



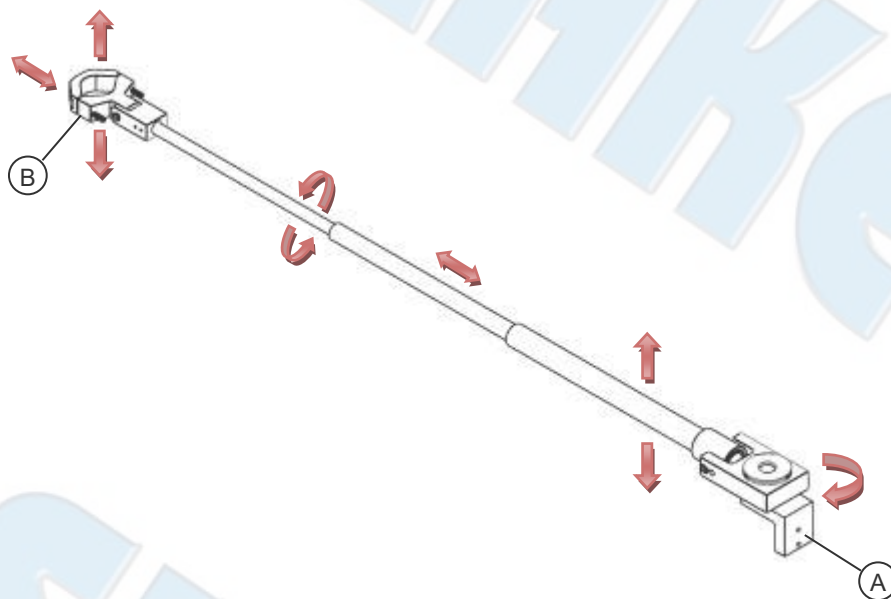
### TA-T050S-100(120) (Pillar Type)

1. Open the 4 holes on the base of  $\Phi 8$ , user could chose suitable machine screw or tapping one to fix it on workbench or any other work place. (Make sure the screws are securely fastened)
2. Other operation ways are same as the above TA-T050-100(20) bench clamp type point 2-5.



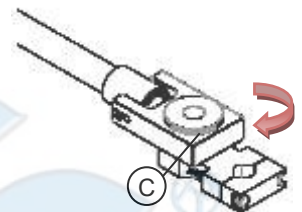
### TA-T050W-100(120) (Wall-Mounted type)

1. The wall-mounted type "A" has 2 opening hole of  $\Phi 6.2\text{mm}$ , user could chose suitable screw to fix it on workbench or any other work place. (Make sure the screws are securely fastened)
2. In order to mount the tool on the fixture "B", use 5mm hex key wrench to unfasten / fasten 2 inner hex screws. To prevent the tool from loosen or damaging its housing by fixture, it is strongly recommend to use a robber sheet to cover the tool housing and tighten them together inside the clamp. The telescoping arm is capable of being used in the variety tool positions. (Make sure the screws are securely fastened)
3. Standard tool balancer could be used to hang the tool while using this arm. This arm is equipped with a fixture "B" as a standard part. For SUMAKE cordless tools, different tool fixture could be ordered separately.



### TA-T050C-100(120) (Suspension type)

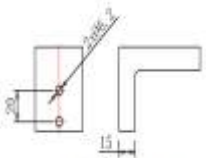
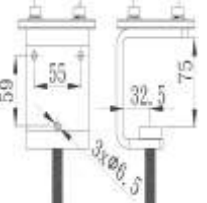
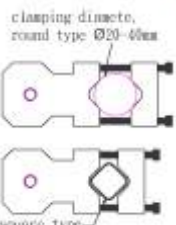
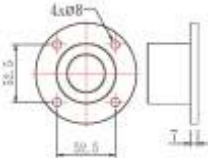
1. Fixture "C" could be mounted on a  $\Phi 20\text{mm} \sim \Phi 40\text{mm}$  horizontal linear guide bush. Use 5mm hex key wrench to unfasten / fasten 2 inner hex screws on fixture "C" to fix it on a horizontal linear guide bush.
2. Other operation ways are same as the above TA-T050W-100(120) wall-mounted type point 2-3.



## CAUTION

1. Keep work area clean.
2. The use of any part other than genuine SUMAKE replacement parts may invalidate all warranties.
3. Whenever change the screwdriver or brushes, position the Power Switch of the screwdriver to "OFF" and unplug the power cord to keep the danger off.
4. Do not use this telescoping arm for purpose not intended, like drill.
5. Inspect all joins of this telescoping arm periodically and if damaged or have operation problem, have them repaired by an authorized service facility. Keep it clean and away from greasy dirt.
6. Do not use this telescoping arm over its capacity to avoid the over load damaged and operator injury.
7. Check any missing parts on this arm visually before operation.

## SPECIFICATION

model	TA-T050W-100	TA-T050W-120	TA-T050-100	TA-T050-120	TA-T050C-100	TA-T050C-120	TA-T050S-100	TA-T050S-120
Dimension (mm)	Wall-Mounted type 		Pillar with Bench clamp Type 		Suspension Type 		Pillar Type 	
Telescopic Length (Min~Max) (mm)	430 ~ 1000	500 ~ 1200	430 ~ 1000	500 ~ 1200	430 ~ 1000	500 ~ 1200	430 ~ 1000	500 ~ 1200
Net Weight (kg)	2.2	2.3	4.65	4.75	3.0	3.2	3.5	3.7
Tool Clamp Dia.	38.5~52 mm							
Max Torque	50N.m							
Applicable Models	EA-BN412~EA-BN650, EA-BK760~EA-BK7120, EA-BAK960~EA-BAK9250, EA-BAN9350~EA-BAN9500, EA-BANK960~EA-BANK9500, EA-BD203~EA-BD650, EA-BTN960~EA-BTN9180, EA-BTNK960~EA-BTNK9180, ED-617~ED-645, ES-618~ES-645							

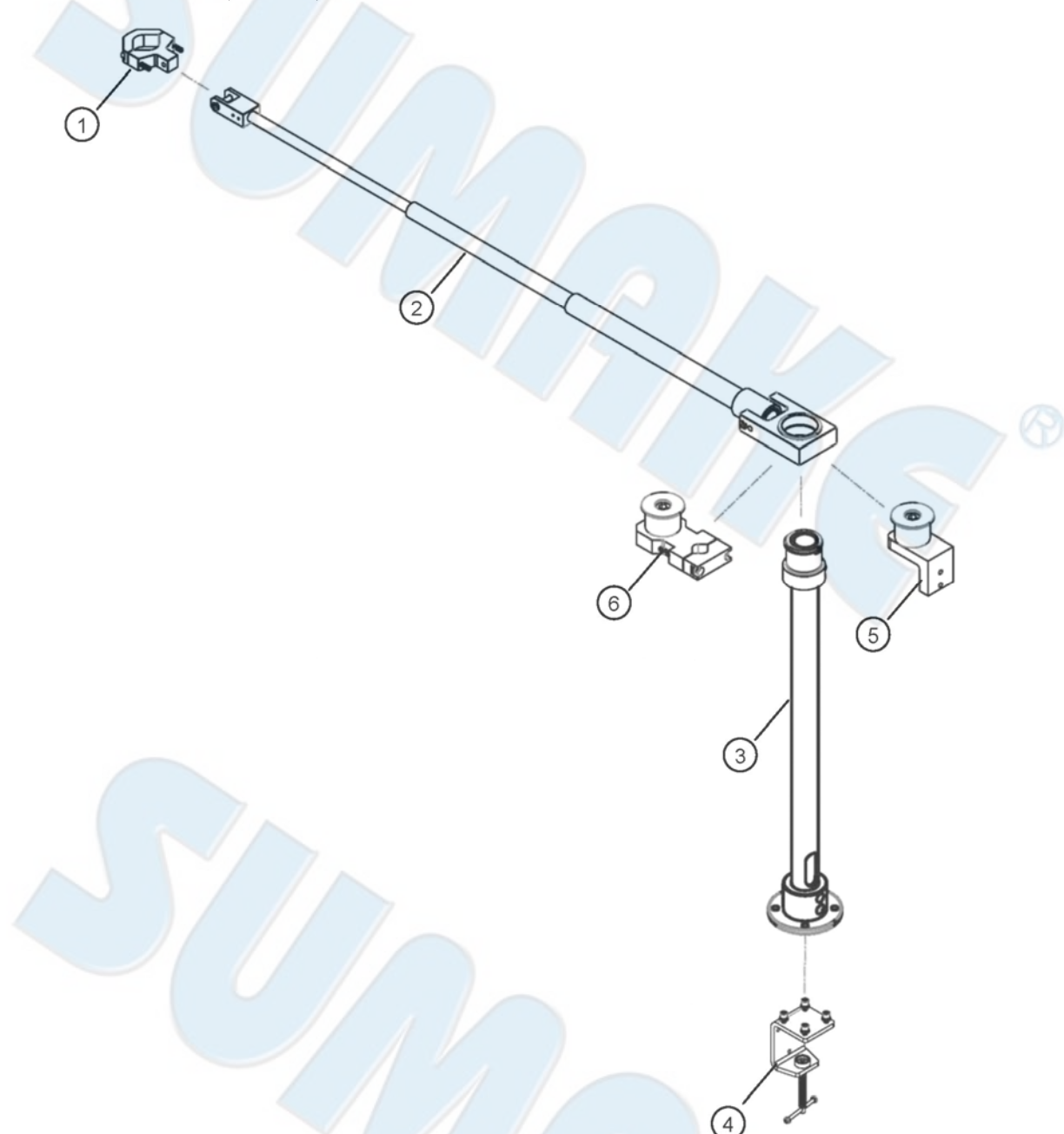
Fixture parts no.	TA-5010	TA-5020	TA-5030
Applicable model	ES-B1812	ES-B1822	ES-B1809

NOTE: Standard tool balancer could be used to hang the tool while using this arm.



TA-T050-100(120)  
 TA-T050C-100(120)  
 TA-T050S-100(120)  
 TA-T050W-100(120)

TELESCOPING TORQUE ARM  
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PARTS LIST

No.	Parts No.	Description	Q'ty
1	EPKP-AUX-50	Fixture	1
2	EPKP-AUX-A50-1000	Telescoping Arm 1000mm Assembly	1
	EPKP-AUX-A50-1200	Telescoping Arm 1200mm Assembly	1
3	EPKP-AUX-00003	Holder Assembly For Pillar Type	1
4	EPKP-AUX-00001	Holder Assembly For Bench Clamp Type	1
5	EPKP-AUX-00004	Holder Assembly For Wall-mounted Type	1
6	EPKP-AUX-00002	Holder Assembly For Suspension Type	1





**NOTE**

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