

RECOMMENDED INSTALLATION TOOL

PRODUCT	TOOL	PRODUCT	TOOL
AB100-100	MK8・MK8-LT・EVO7SP	LPT80	EVO7SP
AB100-1000	MK8・MK8-LT・EVO7SP	LPT80-HR	EVO7SP
AB100-W-100	MK8・MK8-LT・EVO7SP	LPT80-HS	EVO7SP
AB100-W-1000	MK8・MK8-LT・EVO7SP	LPT80-HSW	EVO7SP
AB150	MK8・EVO7SP・EVO9SP	LPT80-V0	EVO7SP
AB150-W	MK8・EVO7SP・EVO9SP	LRT18RWPM4.8	MK8・MK8-LT・EVO7SP
AB190	MK8・EVO7SP・EVO9SP	LRT18RWPM4.8-V0	MK8・MK8-LT・EVO7SP
AB190-W	MK8・EVO7SP・EVO9SP	MCTS100-BLU	MK8・MK8-LT・EVO7SP
AB200	MK8・EVO7SP・EVO9SP	MCTS150-BLU	MK8・EVO7SP
AB200-W	MK8・EVO7SP・EVO9SP	MCTS200-BLU	MK8・EVO7SP・EVO9SP
AB250	MK8・EVO7SP・EVO9SP	MCTS300-BLU	MK8・EVO7SP・EVO9SP
AB250-W	MK8・EVO7SP・EVO9SP	RF100	Tightening by hand
AB270	MK8・EVO7SP・EVO9SP	RF100-W	Tightening by hand
AB270-W	MK8・EVO7SP・EVO9SP	RF140	Tightening by hand
AB300	MK8・EVO7SP・EVO9SP	RF140-HSW	Tightening by hand
AB300-W	MK8・EVO7SP・EVO9SP	RF140-W	Tightening by hand
AB350	MK11・MK15・EVO9SP	RF250	Tightening by hand
AB350-W	MK11・MK15・EVO9SP	RF250-HSW	Tightening by hand
AB380	MK8・EVO7SP・EVO9SP	RF250-W	Tightening by hand
AB380-W	MK8・EVO7SP・EVO9SP	RR30SWPM5	Tightening by hand
AB550	MK11・MK15	RR30SWPM5-HS	Tightening by hand
AB550-W	MK11・MK15	RR30SWPM5-V0	Tightening by hand
AB80-100	MK8・MK8-LT・EVO7SP	RR30SWPM5-W	Tightening by hand
AB80-1000	MK8・MK8-LT・EVO7SP	RT18RSF	MK8・MK8-LT・EVO7SP
AB80-W-100	MK8・MK8-LT・EVO7SP	RT18RSF-HSW	MK8・MK8-LT・EVO7SP
AB80-W-1000	MK8・MK8-LT・EVO7SP	RT18RSF-V0	MK8・MK8-LT・EVO7SP
AZ-100	QS-101NEW	RT18RSF-V0B	MK8・MK8-LT・EVO7SP
AZ-100-HR	QS-101NEW	RT250I	MK11・MK15・EVO9SP
AZ-100-HS	QS-101NEW	RT250L	MK11・MK15・EVO9SP
AZ-100-HSW	QS-101NEW	RT250M	MK11・MK15・EVO9SP
AZ-100-V0	QS-101NEW	RT250R	MK11・MK15・EVO9SP
BK-1-100	MK8・MK8-LT・EVO7SP	RT250S	MK11・MK15・EVO9SP
BK-1-1000	MK8・MK8-LT・EVO7SP	RT250XL	MK11・MK15・EVO9SP
IT18FL	MK8・MK8-LT・EVO7SP	RT30SSF	MK8・EVO7SP・EVO9SP
IT18FL-TZM	MK8-LT	RT30SSF5	MK8・EVO7SP・EVO9SP
IT18FL-W	MK8・MK8-LT・EVO7SP	RT30SSF5-V0	MK8・EVO7SP・EVO9SP
IT18I-TZM	MK8-LT	RT30SSF5-W	MK8・EVO7SP・EVO9SP
IT18R	MK8・MK8-LT・EVO7SP	RT30SSF-HS	MK8・EVO7SP・EVO9SP
IT50L	MK8・EVO7SP・EVO9SP	RT30SSF-V0B	MK8・EVO7SP・EVO9SP
IT50R	MK8・EVO7SP・EVO9SP	RT30SSF-W	MK8・EVO7SP・EVO9SP
IT50R/2	MK8・EVO7SP・EVO9SP	RT50RSF	EVO9SP *1
IT50R/3	MK8・EVO7SP・EVO9SP	RT50RSF-HS	EVO9SP *1
LK2A	MK8・EVO7SP・EVO9SP	RT50RSF-W	EVO9SP *1
LK2A-HS	MK8・EVO7SP・EVO9SP	RT50SSF	EVO9SP *1
LK2A-W	MK8・EVO7SP・EVO9SP	RT50SSF5.4	EVO9SP *1
LK3A	MK11・MK15・EVO9SP	RT50SSF-HS	EVO9SP *1
LK3A-HS	MK11・MK15・EVO9SP	RT50SSF-W	EVO9SP *1
LK3A-W	MK11・MK15・EVO9SP	SHT18R	MK8-LT・EVO7SP
LK5	MK11・MK15	SHT18R-HR	MK8-LT・EVO7SP
LK5-HS	MK11・MK15	SHT18R-HS	MK8-LT・EVO7SP
LK5-W	MK11・MK15	SHT18R-W	MK8-LT・EVO7SP

*1:Please use the Special parts.(mouthpiece)

RECOMMENDATIONS ON TRANSPORT AND STORAGE

STORE IN SEALED PACKAGE AVOID DIRECT HEAT SOURCES AND DIRECT SUSLIGHT

IDEAL STORAGE CONDITIONS:23°C・50% RELATIVE HUMIDITY

RECOMMENDED INSTALLATION TOOL

PRODUCT	TOOL	PRODUCT	TOOL
T120I	MK11•MK15•EVO9SP	T25L	MK8•EVO7SP•EVO9SP
T120I-W	MK11•MK15•EVO9SP	T25LL	MK8•EVO7SP•EVO9SP
T120L	MK11•MK15•EVO9SP	T30L	MK8•EVO7SP•EVO9SP
T120M	MK11•MK15•EVO9SP	T30L-HS	MK8•EVO7SP•EVO9SP
T120MR	MK11•MK15•EVO9SP	T30L-HSW	MK8•EVO7SP•EVO9SP
T120R	MK11•MK15•EVO9SP	T30LL	MK8•EVO7SP•EVO9SP
T120R-HR	MK11•MK15•EVO9SP	T30L-W	MK8•EVO7SP•EVO9SP
T120R-HS	MK11•MK15•EVO9SP	T30MR	MK8•EVO7SP•EVO9SP
T120R-HSW	MK11•MK15•EVO9SP	T30MR-HS	MK8•EVO7SP•EVO9SP
T120R-TZ	EVO9SP	T30MR-HSW	MK8•EVO7SP•EVO9SP
T120R-V0	MK11•MK15•EVO9SP	T30MR-W	MK8•EVO7SP•EVO9SP
T120R-W	MK11•MK15•EVO9SP	T30R	MK8•EVO7SP•EVO9SP
T120S	MK11•MK15•EVO9SP	T30RA30	AT2060
T150L	MK11•MK15•EVO9SP	T30RA3000	AT2060
T150M	MK11•MK15•EVO9SP	T30RA3000-HSB	AT2060
T150R	MK11•MK15•EVO9SP	T30RA30-HSB	AT2060
T150XL	MK11•MK15•EVO9SP	T30R-HR	MK8•EVO7SP•EVO9SP
T150XLL	MK11•MK15•EVO9SP	T30R-HS	MK8•EVO7SP•EVO9SP
T18I	MK8•MK8-LT•EVO7SP	T30R-HSW	MK8•EVO7SP•EVO9SP
T18I-HR	MK8•MK8-LT•EVO7SP	T30RSF	MK8•EVO7SP•EVO9SP
T18I-HS	MK8•MK8-LT•EVO7SP	T30R-TZ	MK8•MK8-LT•EVO7SP
T18L	MK8•MK8-LT•EVO7SP	T30R-V0	MK8•EVO7SP•EVO9SP
T18L-HS	MK8•MK8-LT•EVO7SP	T30R-W	MK8•EVO7SP•EVO9SP
T18L-HSW	MK8•MK8-LT•EVO7SP	T30XL	MK8•EVO7SP•EVO9SP
T18L-W	MK8•MK8-LT•EVO7SP	T40I	MK8•EVO7SP•EVO9SP
T18MR	MK8•MK8-LT•EVO7SP	T40S	MK8•EVO7SP•EVO9SP
T18MR-HS	MK8•MK8-LT•EVO7SP	T40S-HS	MK8•EVO7SP•EVO9SP
T18MR-W	MK8•MK8-LT•EVO7SP	T40S-W	MK8•EVO7SP•EVO9SP
T18R-100	MK8•MK8-LT•EVO7SP	T50L	MK8•EVO7SP•EVO9SP
T18R-1000	MK8•MK8-LT•EVO7SP	T50L-DH	MK8•EVO7SP•EVO9SP
T18RA50	AT2000CPK	T50L-HR	MK8•EVO7SP•EVO9SP
T18RA5000	AT2000CPK	T50L-HS	MK8•EVO7SP•EVO9SP
T18RA5000-HS	AT2000CPK	T50L-HSW	MK8•EVO7SP•EVO9SP
T18RA5000-HSW	AT2000CPK	T50L-TZ	EVO9SP
T18RA5000-V0	AT2000CPK	T50L-W	MK8•EVO7SP•EVO9SP
T18RA50-HS	AT2000CPK	T50ML	MK8•EVO7SP•EVO9SP
T18RA50-HSW	AT2000CPK	T50MR	MK8•EVO7SP•EVO9SP
T18RA50-V0	AT2000CPK	T50MR-HS	MK8•EVO7SP•EVO9SP
T18R-HR	MK8•MK8-LT•EVO7SP	T50MR-W	MK8•EVO7SP•EVO9SP
T18R-HS	MK8•MK8-LT•EVO7SP	T50MS	MK8•EVO7SP•EVO9SP
T18R-HSW	MK8•MK8-LT•EVO7SP	T50R	MK8•EVO7SP•EVO9SP
T18R-TZ	MK8-LT	T50R-DH	MK8•EVO7SP•EVO9SP
T18R-V0	MK8•MK8-LT•EVO7SP	T50R-HR	MK8•EVO7SP•EVO9SP
T18R-W-100	MK8•MK8-LT•EVO7SP	T50R-HS	MK8•EVO7SP•EVO9SP
T18R-W-1000	MK8•MK8-LT•EVO7SP	T50R-HSW	MK8•EVO7SP•EVO9SP
T18S	MK8•MK8-LT•EVO7SP	T50RSF	MK8•EVO7SP•EVO9SP
T18S-HR	MK8•MK8-LT•EVO7SP	T50R-TZ	MK8•EVO7SP•EVO9SP
T18S-HS	MK8•MK8-LT•EVO7SP	T50R-V0	MK8•EVO7SP•EVO9SP
T18S-HSW	MK8•MK8-LT•EVO7SP	T50R-W	MK8•EVO7SP•EVO9SP
T18S-V0B	MK8•MK8-LT•EVO7SP	T50S	MK8•EVO7SP•EVO9SP
T18S-W	MK8•MK8-LT•EVO7SP	T50S-HS	MK8•EVO7SP•EVO9SP

RECOMMENDATIONS ON TRANSPORT AND STORAGE

STORE IN SEALED PACKAGE AVOID DIRECT HEAT SOURCES AND DIRECT SUSLIGHT
 IDEAL STORAGE CONDITIONS:23°C•50% RELATIVE HUMIDITY

RECOMMENDED INSTALLATION TOOL

PRODUCT	TOOL	PRODUCT	TOOL
T50SSF	MK8•EVO7SP•EVO9SP	T8RWPM3.5-V0	MK8-LT
T50SSF-HS	MK8•EVO7SP•EVO9SP	Z130R	MK11•MK15•EVO9SP
T50SSF-W	MK8•EVO7SP•EVO9SP	Z130R-HSW	MK11•MK15•EVO9SP
T50S-W	MK8•EVO7SP•EVO9SP	Z20R	MK8•EVO7SP
T60R	MK8•EVO7SP•EVO9SP	Z20R-100	MK8•EVO7SP
T60R-HR	MK8•EVO7SP•EVO9SP	Z20R-HSW	MK8•EVO7SP
T60R-HS	MK8•EVO7SP•EVO9SP	Z20R-HSW-100	MK8•EVO7SP
T60R-HSW	MK8•EVO7SP•EVO9SP	Z40R	MK8•EVO7SP•EVO9SP
T60R-V0	MK8•EVO7SP•EVO9SP	Z40R-HSW	MK8•EVO7SP•EVO9SP
T60R-W	MK8•EVO7SP•EVO9SP	Z80I	MK8•EVO7SP•EVO9SP
T60S	MK8•EVO7SP•EVO9SP	Z80I-HSW	MK8•EVO7SP•EVO9SP
T60S-HS	MK8•EVO7SP•EVO9SP	Z80L	EVO9SP
T60S-HSW	MK8•EVO7SP•EVO9SP	Z80L-HSW	EVO9SP
T60S-W	MK8•EVO7SP•EVO9SP	Z80R	MK8•EVO7SP•EVO9SP
T8RWPM3.5	MK8-LT	Z80R-HSW	MK8•EVO7SP•EVO9SP

RECOMMENDATIONS ON TRANSPORT AND STORAGE

STORE IN SEALED PACKAGE AVOID DIRECT HEAT SOURCES AND DIRECT SUSLIGHT

IDEAL STORAGE CONDITIONS:23°C•50% RELATIVE HUMIDITY

RECOMMENDED METHOD OF INSTALLATION

PRODUCT	METHOD	MOUNTING DIMENSIONS [mm (in)]	
		Hole Dia.	Plate Thk.\$
FT3	Install by hand	4.0 (0.16)	3.0 (0.12)
FT4	Install by hand	3.0 (0.12)	3.0 (0.12)
CTAM1	Fix with M4 Screw	4.3 (0.17)	\$
CTAM2	Fix with M5 Screw	5.1 (0.20)	\$
KR7G5	Fix with M4 Screw	4.5 (0.18)	\$
KR8G5	Fix with M6 Screw	6.5 (0.26)	\$
KR9G5	Fix with M4 Screw	4.5 (0.18)	\$
MB1	Fix with M3 Screw	3.1 (0.12)	\$
MB2	Fix with M4 Screw	4.8 (0.19)	\$
MB3	Fix with M3 Screw	2.9 (0.11)	\$
MB4	Fix with M4 Screw	4.2 (0.17)	\$
MB5	Fix with M4 Screw	4.7 (0.19)	\$
CTAM1-3-V0	Fix with M3 Screw	3.1 (0.12)	\$
CTAM1-ETFE	Fix with M4 Screw	4.3 (0.17)	\$
CTAM1-3-ETFE	Fix with M3 Screw	3.1 (0.12)	\$
KR5G5-ETFE	Fix with M4 Screw	4.5 (0.18)	\$
KR6G5-ETFE	Fix with M4 Screw	4.5 (0.18)	\$
KR7G5-ETFE	Fix with M4 Screw	4.5 (0.18)	\$
KR8G5-ETFE	Fix with M6 Screw	6.5 (0.26)	\$
CTAM1-PVDF	Fix with M4 Screw	4.3 (0.17)	\$
CTAM2-PVDF	Fix with M5 Screw	5.1 (0.20)	\$
CTAM1-ETFE-N	Fix with M4 Screw	4.3 (0.17)	\$
CTAM2-ETFE-N	Fix with M5 Screw	5.1 (0.20)	\$
CTAM1-V0	Fix with M4 Screw	4.3 (0.17)	\$
CTAM2-V0	Fix with M5 Screw	5.1 (0.20)	\$
KR7G5-V0	Fix with M4 Screw	4.5 (0.18)	\$
KR8G5-5-V0	Fix with M5 Screw	5.2 (0.21)	\$
KR8G5-V0	Fix with M6 Screw	6.5 (0.26)	\$
PBM-0	Install by hand	6.4	3.1
PBM-9	Install by hand	6.4	3.1
PBM-9-V0	Install by hand	6.4	3.1
PWMFT4	Install by hand	3.3-4.0	1-3

\$ - Plate thickness not applicable for Screw Mount Fixing Devices

RECOMMENDATIONS ON TRANSPORT AND STORAGE

STORE IN SEALED PACKAGE AVOID DIRECT HEAT SOURCES AND DIRECT SUNLIGHT
 IDEAL STORAGE CONDITIONS: 23°C • 50% RELATIVE HUMIDITY