



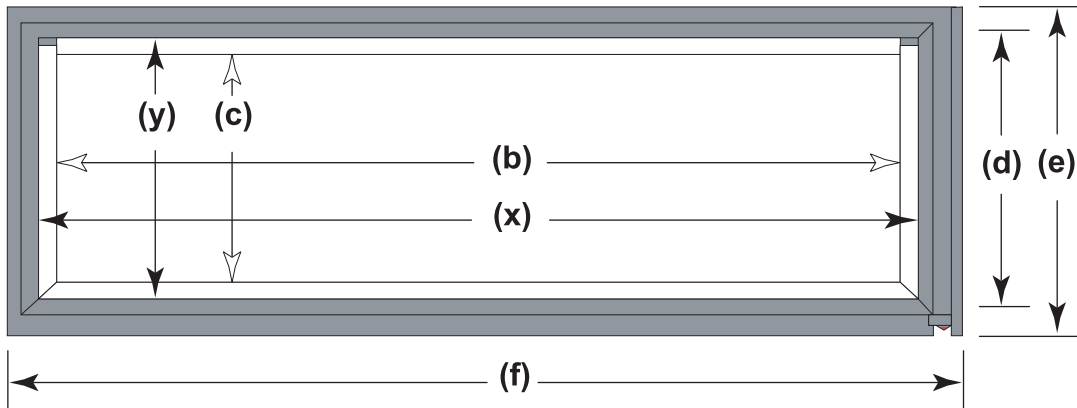
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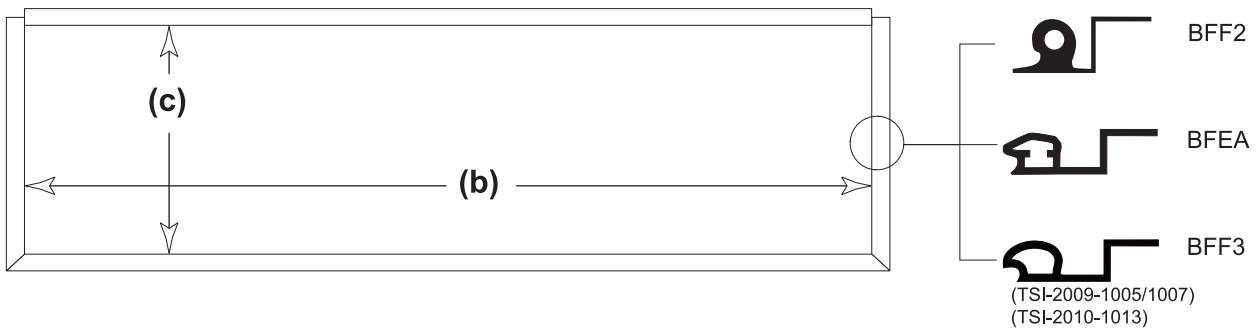


Unified Frame Sash 1

BFF2&FSE2 / BFEA&FSE2 / BFF3&FSE2 {TFGN / TFKN / TFSN}



Border Frame : BFF2 / BFEA / BFF3



BFF2 & FSE2 / BFEA & FSE2 / BFF3 & FSE2 {TFGN/TFKN/TFSN} (~5,500)									
M/C Emb-space in Y-axis	(y)	(d)	(e)	(c)	(b)	(x)	(f)		
450	530	550	702	476	Head Interval x Heads + 106	Head Interval x Heads + 160	Head Interval x Heads + 260		
680	760	780	932	706					
750	830	850	1,002	776					
950	1,030	1,050	1,202	976					
1,000	1,080	1,100	1,252	1,026					
1,200	1,280	1,300	1,452	1,226					
1,500	1,580	1,600	1,752	1,526					

{TFMX} (~5,500)									
M/C Emb-space in Y-axis	(y)	(d)	(e)	(c)	(b)	(x)	(f)		
450	530	550	702	476	Head Interval x Heads + 106	Head Interval x Heads + 160	Head Interval x Heads + 260		
680	760	780	932	706					
1,000	1,080	1,100	1,252	1,026					
1,200	1,280	1,300	1,452	1,226					
1,500	1,580	1,600	1,752	1,526					

{TFGN/TFKN/TFSN} (5,501~6,160)									
M/C Emb-space in Y-axis	(y)	(d)	(e)	(c)	(b)	(x)	(f)		
450	530	550	702	476	Head Interval x Heads + 106	Head Interval x Heads + 160	Head Interval x Heads + 260		
680	760	780	932	706					
750	830	850	1,002	776					
950	1,030	1,050	1,202	976					
1,000	1,080	1,100	1,252	1,026					
1,200	1,280	1,300	1,452	1,226					
1,500	1,580	1,600	1,752	1,526					

{TFGN/TFKN/TFSN} (6,161~7,260)									
M/C Emb-space in Y-axis	(y)	(d)	(e)	(c)	(b)	(x)	(f)		
450	530	550	702	476	Head Interval x Heads + 106	Head Interval x Heads + 160	Head Interval x Heads + 260		
550	630	650	802	576					
680	760	780	932	706					
1,000	1,080	1,100	1,252	1,026					
1,200	1,280	1,300	1,452	1,226					
1,500	1,580	1,600	1,752	1,526					

{TFGN/TFKN/TFSN} (7,261~)									
M/C Emb-space in Y-axis	(y)	(d)	(e)	(c)	(b)	(x)	(f)		
450	530	550	702	476	Head Interval x Heads + 106	Head Interval x Heads + 160	Head Interval x Heads + 260		
680	760	780	932	706					
750	830	850	1,002	776					
950	1,030	1,050	1,202	976					
1,000	1,080	1,100	1,252	1,026					
1,200	1,280	1,300	1,452	1,226					
1,500	1,580	1,600	1,752	1,526					

Border Frame : BFF2 / BFEA / BFF3									
Item No.	Remarks								
BFF2	Only one type border sash for all type M/C								
BFEA									
BFF3									

*(e)=(d)+152mm

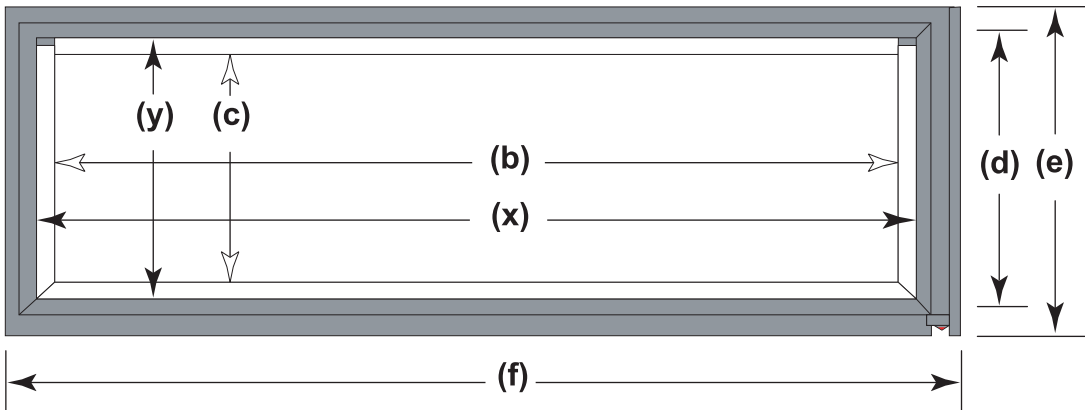
*(d)=(y)+20mm

Note1 : "BFF3" applies to TFGN TFKN & TFMX from 2010.02.

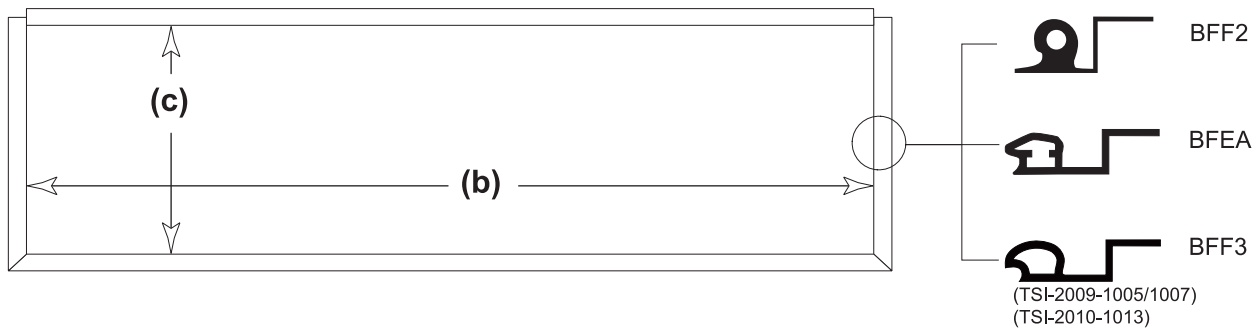
"BFF2" applies to TFSN.

Note2 : As for the standard Clips for BFF3, BFF8-C are introduced from 2010.09. (TSI-2010-1023)

BFF2&FSE2 / BFEA&FSE2 / BFF3&FSE2 {TLMX-100}



Border Frame : BFF2 / BFEA / BFF3



BFF2 & FSE2 / BFEA & FSE2 / BFF3 & FSE2 {TLMX-100} (~5,500)									
M/C Emb-space in Y-axis	(y)	(d)	(e)	(c)	(b)	(x)	(f)		
450	530	550	695	476	Head Interval x Heads + 56	Head Interval x Heads + 110	Head Interval x Heads + 262		
680	760	780	925	706					
750	830	850	995	776					
950	1,025	1,045	1,190	971					
1,000	1,080	1,100	1,245	1,026					
1,200	1,280	1,300	1,445	1,226					
1,500	1,580	1,600	1,745	1,526					

{TLMX-T00 / TLMX-100}									
M/C Emb-space in Y-axis	(y)	(d)	(e)	(c)	(b)	(x)	(f)		
450	Normal	530	550	695	476	Mix Emb. Space x	Mix Emb. Space x	Mix Emb. Space x	
680		760	780	925	706	Pairs + 106	Pairs + 160	Pairs + 312	
750		830	850	995	776				
950	*Zspec.	1,025	1,045	1,190	971	Mix Emb. Space x Pairs + 156	Mix Emb. Space x Pairs + 210	Mix Emb. Space x Pairs + 362	
1,000		1,080	1,100	1,245	1,026				
1,200		1,280	1,300	1,445	1,226				
1,500		1,580	1,600	1,745	1,526				

{TLMX-100} (5,501~6,160)									
M/C Emb-space in Y-axis	(y)	(d)	(e)	(c)	(b)	(x)	(f)		
450	530	550	695	476	Head Interval x Heads + 106	Head Interval x Heads + 160	Head Interval x Heads + 312		
680	760	780	925	706					
750	830	850	995	776					
950	1,025	1,045	1,190	971					
1,000	1,080	1,100	1,245	1,026					
1,200	1,280	1,300	1,445	1,226					
1,500	1,580	1,600	1,745	1,526					

{TLMX-100} (6,161~7,260)									
M/C Emb-space in Y-axis	(y)	(d)	(e)	(c)	(b)	(x)	(f)		
450	530	550	695	476	Head Interval x Heads + 106	Head Interval x Heads + 160	Head Interval x Heads + 312		
550	630	650	795	576					
680	760	780	925	706					
1,000	1,080	1,100	1,245	1,026					
1,200	1,280	1,300	1,445	1,226					
1,500	1,580	1,600	1,745	1,526					

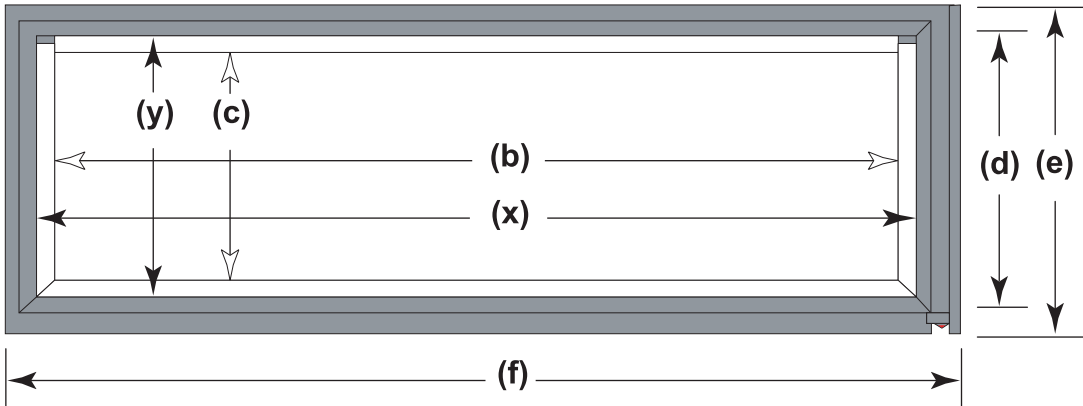
{TLMX-100} (7,261~)									
M/C Emb-space in Y-axis	(y)	(d)	(e)	(c)	(b)	(x)	(f)		
450	530	550	695	476	Head Interval x Heads + 106	Head Interval x Heads + 160	Head Interval x Heads + 312		
680	760	780	925	706					
750	830	850	995	776					
1,000	1,080	1,100	1,245	1,026					
1,200	1,280	1,300	1,445	1,226					
1,500	1,580	1,600	1,745	1,526					

Border Frame : BFF2 / BFEA / BFF3									
Item No.	Remarks								
BFF2	Only one type border sash for all type M/C								
BFEA									
BFF3									

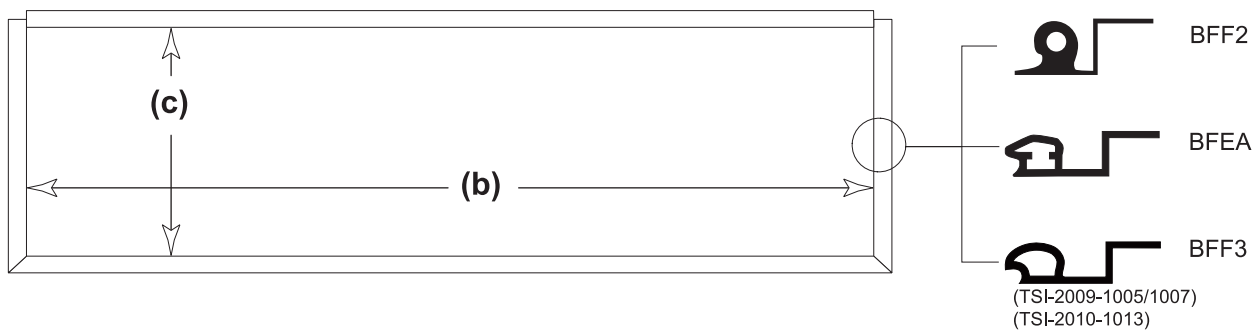
Note1 : "BFF3" applies to TLMX from 2010.02.

Note2 : As for the standard Clips for BFF3, BFF8-C are introduced from 2010.09. (TSI-2010-1023)

BFF2&FSE2 / BFEA&FSE2 / BFF3&FSE2 {TCMX-600, 6##**}



Border Frame : BFF2 / BFEA / BFF3



BFF2 & FSE2 / BFEA & FSE2 / BFF3 & FSE2 {TCMX-600,6###} (~5,500)									
M/C Emb-space in Y-axis	(y)	(d)	(e)	(c)	(b)	(x)	(f)		
450	560	580	725	506	Mix Emb. Space x Pairs + Even/Odd head Interval + 86	Mix Emb. Space x Pairs + Even/Odd head Interval + 140	Mix Emb. Space x Pairs + Even/Odd head Interval + 240		
680	790	810	955	736					
750	860	880	1,025	806					
1,000	1,110	1,130	1,277	1,056					
1,200	1,310	1,330	1,477	1,256					
1,500	1,610	1,630	1,777	1,556					

{TCMX-600,6###} (5,501~6,160)									
M/C Emb-space in Y-axis	(y)	(d)	(e)	(c)	(b)	(x)	(f)		
450	530	550	695	476	Mix Emb. Space x Pairs + Even/Odd head Interval + 86	Mix Emb. Space x Pairs + Even/Odd head Interval + 140	Mix Emb. Space x Pairs + Even/Odd head Interval + 240		
680	760	780	925	706					
950	1,025	1,045	1,190	971					
1,000	1,080	1,100	1,245	1,026					
1,200	1,280	1,300	1,445	1,226					
1,500	1,580	1,600	1,745	1,526					

{TCMX-600,6###} (6,161~7,260)									
M/C Emb-space in Y-axis	(y)	(d)	(e)	(c)	(b)	(x)	(f)		
450	530	550	695	476	Mix Emb. Space x Pairs + Even/Odd head Interval + 86	Mix Emb. Space x Pairs + Even/Odd head Interval + 140	Mix Emb. Space x Pairs + Even/Odd head Interval + 240		
680	760	780	925	706					
750	830	850	995	776					
950	1,025	1,045	1,190	971					
1,000	1,080	1,100	1,245	1,026					
1,200	1,280	1,300	1,445	1,226					
1,500	1,580	1,600	1,745	1,526					

{TCMX-600,6###} (7,261~)									
M/C Emb-space in Y-axis	(y)	(d)	(e)	(c)	(b)	(x)	(f)		
450	530	550	695	476	Mix Emb. Space x Pairs + Even/Odd head Interval + 86	Mix Emb. Space x Pairs + Even/Odd head Interval + 140	Mix Emb. Space x Pairs + Even/Odd head Interval + 240		
680	760	780	925	706					
750	830	850	995	776					
1,000	1,080	1,100	1,245	1,026					
1,200	1,280	1,300	1,445	1,226					
1,500	1,580	1,600	1,745	1,526					

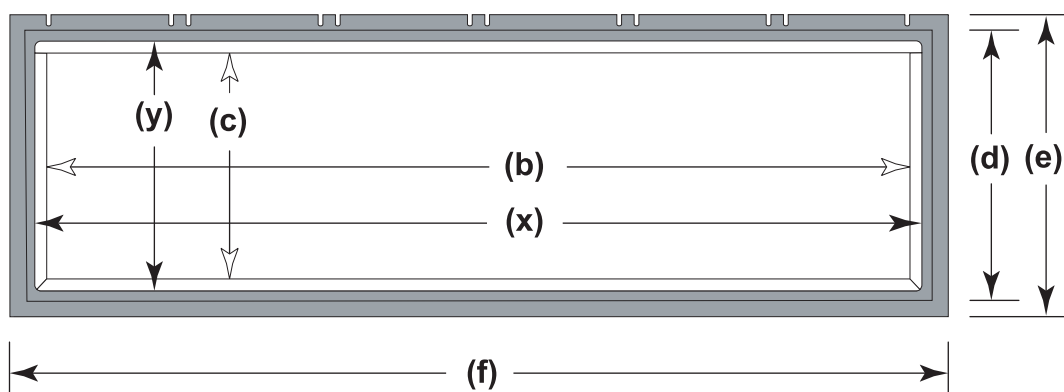
Border Frame : BFF2 / BFEA / BFF3									
Item No.	Remarks								
BFF2	Only one type border sash for all type M/C								
BFEA									
BFF3									

Note1 : "BFF3" applies to TCMX from 2010.02.

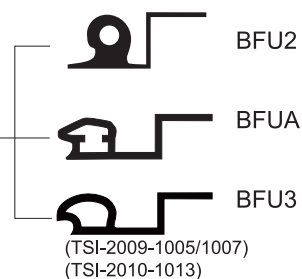
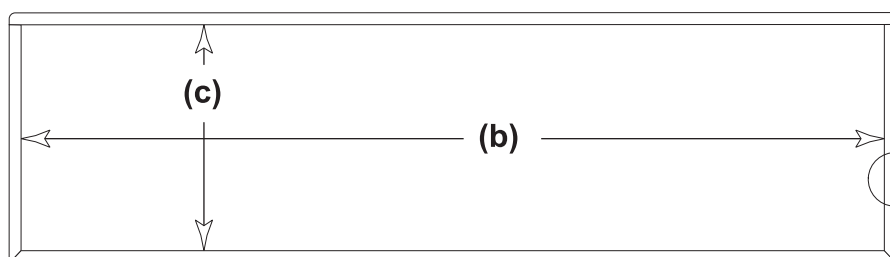
Note2 : As for the standard Clips for BFF3, BFF8-C are introduced from 2010.09. (TSI-2010-1023)

Uni-type Frame Sash for Cylinder Type

BFU2&FSU / BFUA&FSU / BFU3&FSU {TFGN-C / TEMX-C}



Border Frame : BFU2 / BFUA / BFU3



BFU2 & FSU / BFUA & FSU / BFU3 & FSU {TFGN-C}									
M/C Emb-space in Y-axis	(y)	(d)	(e)	(c)	(b)	(x)	(f)		
450	530	550	645	476	Head Interval x Heads + 56	Head Interval x Heads + 110	Head Interval x Heads + 210		

{TEMX-C}									
M/C Emb-space in Y-axis	(y)	(d)	(e)	(c)	(b)	(x)	(f)		
342.5	422.5	442.5	537.5	368.5	Head Interval x Heads + 50	Head Interval x Heads + 104	Head Interval x Heads + 204	See the list1 below	

List1

Heads	Head Interval		
6	500		
8	360		
12	360		
12	500		
15	360		
18	275		
18	360		
20	275		

Border Frame : BFU2 / BFUA / BFU3			
Item No.	Remarks		
BFU2	Only one type border sash for all type M/C		
BFUA			
BFU3			

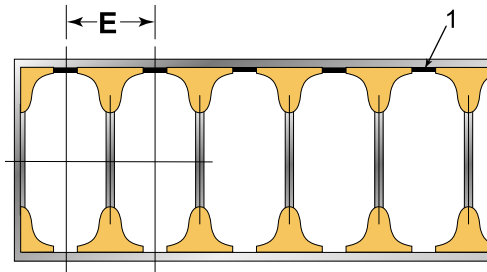
Note1 : "BFU3" applies to TFGN-C , TEMX-C(Multi-Head) from 2010.02.

Note2 : As for the standard Clips for BFU3, BFF8-C are introduced from 2010.09. (TSI-2010-1023)

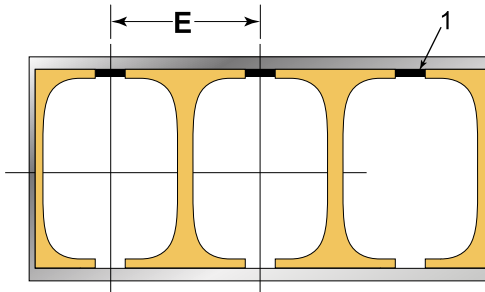
Wooden Frame Holder (TYPE A~D)

Wooden Frame Holder Uni-Type : FHBU-OO-OO x OO {TFGN-(C) / TFKN / TEMX-C}

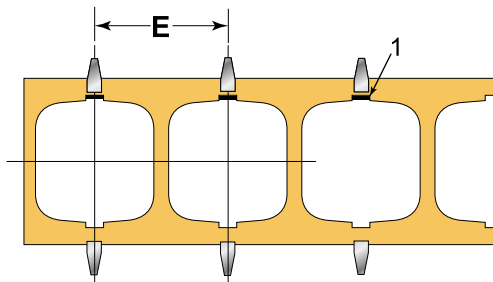
TYPE-A Use SIPF as inner frame



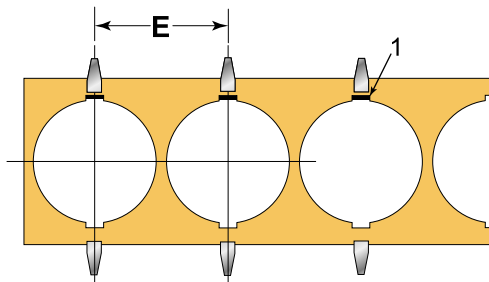
TYPE-B Use SIPF as inner frame



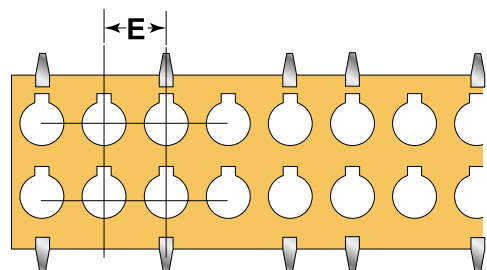
TYPE-C Use SIPF as inner frame



Use SIPF 25Φ, 30Φ, as inner frame



TYPE-D Use SPF as inner frame



**Wooden Frame Holder Uni-Type : FHBU-OO-OOxOO
{TFGN-(C)}**

Unified & Uni-type Sash												
Plastic Frame E(H-interval)	480 *	480 *	475 *	475 *				335 *		300 *	SPF : 150	SPF : 120
	481	451	410	395	320	270	192	335	260	200		
650~	B	B	B	B	B	B	B	C	C	C	D	D
600	B	B	B	B	B	B	B	C	C	C	D	D
550	B	B	B	B	B	B	B	C	C	C	D	D
500	B	B	B	B	B	B	B	C	C	C	D	D
480		B	B	B	B	B	B	C	C	C	D	D
460			B	B	B	B	B	C	C	C	D	D
400				A	B	B	B	C	C	C	D	D
360					B	B	B	C	C	C	D	D
345 (W)	*B	*B	*B	*B	B	B	B	A	C	C	D	D
330 (W)	*B	*B	*B	*B	A	B	B	*C	C	C	D	D
275 (W)	*B	*B	*B	*B	*B	A	B	*C	A	C	D	D
240 (W)		*B	*B	*B	*B	*B	B	*C	*C	C	D	D
200 (W)				*A	*B	*B	A	*C	*C	*C	D	D
135.4 (W)							*B		*A	*C	*D	*D

* : Frame holder for alternate use (W)

{TEMX-C} M/C Emb-space in Y-axis=360mm

Uni-type Sash							
Plastic Frame E(H-interval)	395 *	335 *	335 *		260 *	240 *	200 *
	475	329	335	260	335	240	300
500	B	B	B	B	B	B	B
360		B	B	B	B	B	B
275						B	

No.	Description	Parts No.		
1	Neo-sponge B	FHBE001B0000		

Uni-Type Sash : FHBUOO-OO {TFGN-(C)/TFKN/TEMX-C}

Type of Frame Holder	M/C Emb-space in X-axis		
A Y-axis=450mm	~ 3,500		
	3,501 ~ 4,200		
	4,201 ~ 5,100		
	5,101 ~ 6,000		
	6,001 ~ 6,500		
	6,501 ~ 7,000		
	7,001 ~ 7,500		
B Y-axis=450mm	~ 3,500		
	3,501 ~ 4,200		
	4,201 ~ 5,100		
	5,101 ~ 6,000		
	6,001 ~ 6,500		
	6,501 ~ 7,000		
	7,001 ~ 7,500		
C & D Y-axis=450mm	~ 3,500		
	3,501 ~ 4,200		
	4,201 ~ 5,100		
	5,101 ~ 6,000		
	6,001 ~ 6,500		
	6,501 ~ 7,000		
	7,001 ~ 7,500		
Frame Holder for 550 / 680 / 750 / 850mm in Y-axis (Unified Sash Only)	Types C & D Only Except TEMX-C		

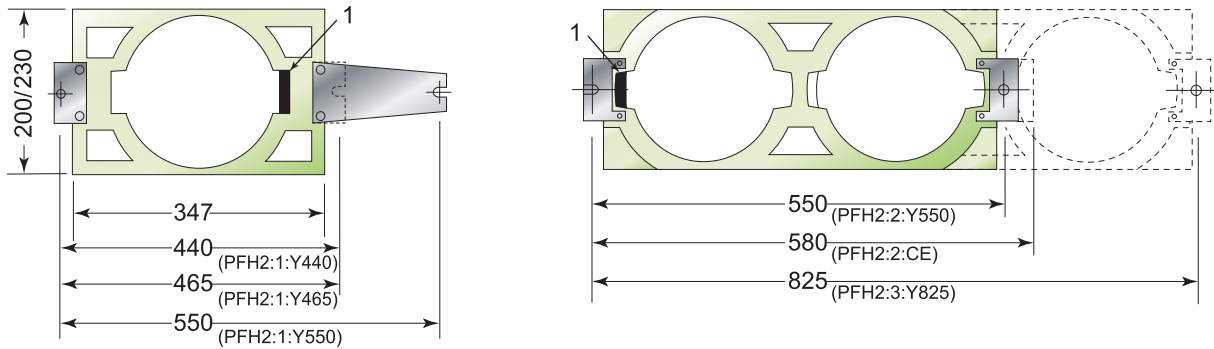
Note1 : Regardless of the number of holes made, the 'Type D' Price remains the same.

: Regarding arms and fixing screws for type C & D, please contact us.

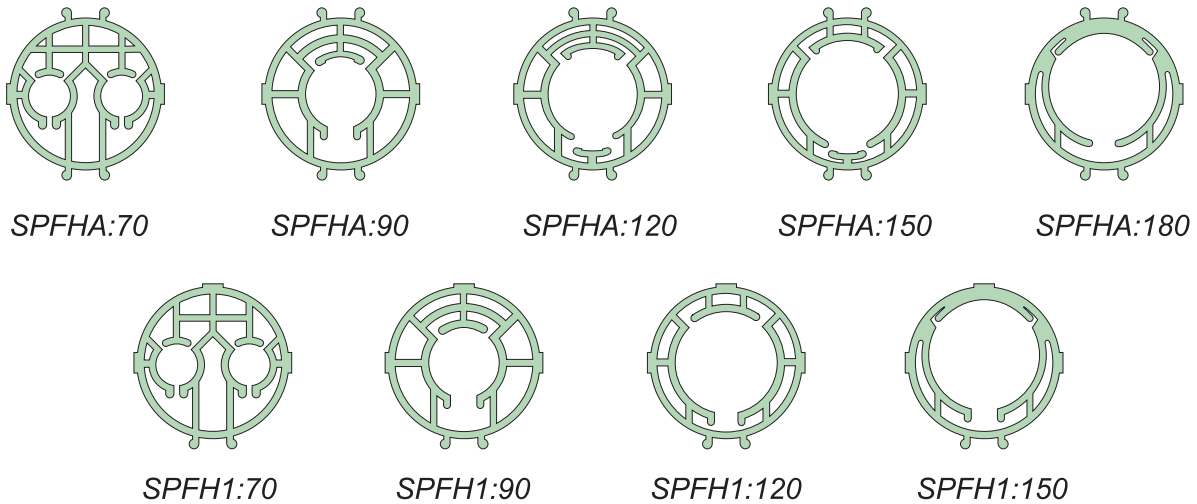
Note2 : Please consult with Tajima separately for the machine length 7,501mm or more.

Spider Net Frame Holder / Spider Net Frame / Plastic Frame

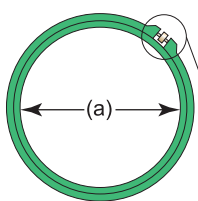
Spider Net Frame Holder : PFH1 & PFH2



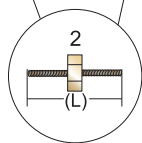
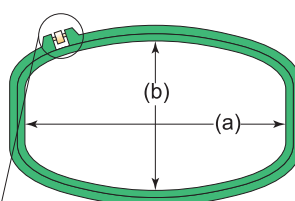
Spider Net Frame : SPFHA / SPFH1



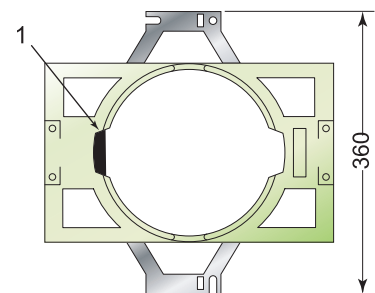
Plastic Frame:SPF



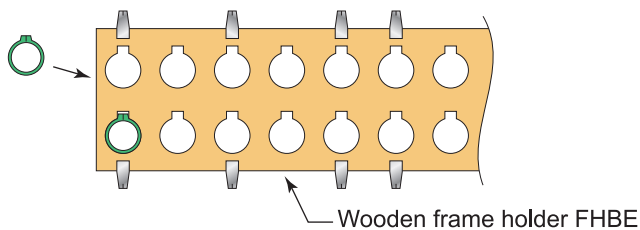
Plastic Frame:SPF & SPF2



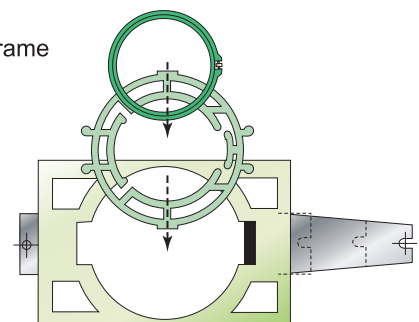
Spider Net Frame Holder (Tubular Type) : PFH-C



Example : when round frame for frame holder is attached



Example : when spider net frame is attached



Spider Net Frame Holder : PFH1 & PFH2				
Item No.	Part No.	Remarks		
PFH1:1:X200	938100120A00	Single-use (200mm in X-axis)		
PFH1:2:X200	938100220A00	Twin-use (200mm in X-axis)		
PFH1:3:X200	938100320A00	Triple-use (200mm in X-axis)		
PFH2:2:Y550	938100423A00	Twin-use (230mm in X-axis) (M/C Emb-Space in Y-axis=450mm & Over)		
PFH2:3:Y825	938100523A00	Triple-use (230mm in X-axis) (M/C Emb-Space in Y-axis=450mm & Over)		
PFH2:1:Y550	938101000A00			
PFH2:2 CE	938600123A00	Twin-use for TCMX-(MIX) (M/C Emb-Space in Y-axis=450mm & Over)		

Spider Net Frame : SPFHA				
Item No.	Part No.	Outer Sizes		
SPFHA:70	938300100000	223		
SPFHA:90	938300200000	223		
SPFHA:120	938300300000	223		
SPFHA:150	938300400000	223		
SPFHA:180	938300500000	223		

Spider Net Frame : SPFH1				
Item No.	Part No.	Outer Sizes		
SPFH1:70	938400120000	193		
SPFH1:90	938400220000	193		
SPFH1:120	938400320000	193		
SPFH1:150	938400420000	193		

Plastic Frame : SPF					
Item No.	Part No.	Outer Sizes	Inner Sizes (a)	Inner Height (mm)	
SPF:70	931300100A11	78	62	10	
SPF:90	931300200A11	99	82	10	
SPF:120	931300300A11	129	112	10	
SPF:150	931300400A11	162	140	10	
SPF:180	931300500A11	194	170	10	
SPF:210	931300600A11	224	200	10	
SPF:250	931300700A00	265	240	10	
SPF:300	931300800A00	327	293	10	

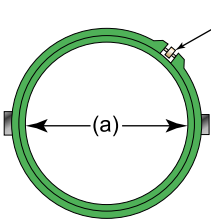
Plastic Frame : SPF & SPF2					
Item No.	Part No.	Outer Sizes	Inner Sizes (a) X (b)	Inner Height (mm)	
SPF:240*240	931400300A11	268 x 256	228 x 228	10	
SPF:300*300	931400800A00	347 x 338	310 x 310	10	
SPF:200*300	931400200A00	225 x 347	196 x 308	10	
SPF:240*300	931400400A11	264 x 347	236 x 309	10	
SPF:395*325	931401000A11	394 x 324	360 x 290	10	
SPF:200*115	931400100A11	213 x 125	190 x 102	10	
SPF:255*140	931400500A11	267 x 150	241 x 124	10	
SPF:255*160	931400600A11	267 x 169	241 x 145	10	
SPF2:260*395	931400700A00	258 x 396	228 x 366	10	
SPF:320*200	931400900A00	342 x 211	309 x 183	10	
SPF:450*195	931401200A11	478 x 192	432 x 158	10	
SPF:450*395	931401300A00	478 x 398	435 x 361	10	

Spider Net Frame Holder (Tubular Type) : PFH-C				
Item No.	Part No.	Remarks		
PFH - C	BF1226000360	For Tubular Spec. (360mm in X-axis)		

No.	Description	Parts No.	(L)		
1	Neo-sponge A	FHBE001A0000	-		
2	Frame adjusting screw	511J35020000	19		
2	Frame adjusting screw	511J35030000	21		
2	Frame adjusting screw	511J35010000	23		
2	Frame adjusting screw	511J35040000	27		

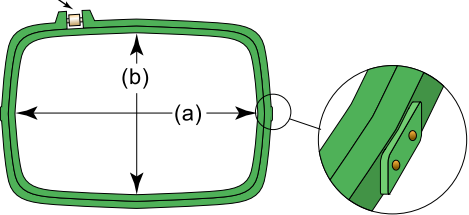
Plastic Frame / Spring Frame

Plastic Frame : SIPF



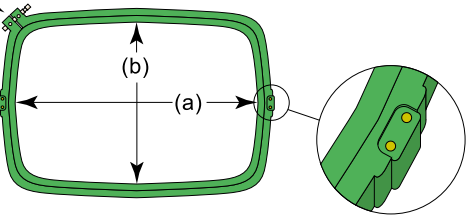
Plastic Frame : SIPF

The same part as No.2 on p.11



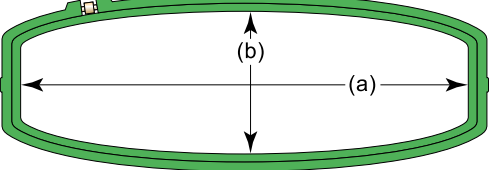
Plastic Frame : SIPF2

The same part as A on p.19



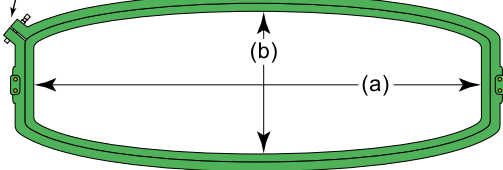
Plastic Frame : SIPF

The same part as No.2 on p.11

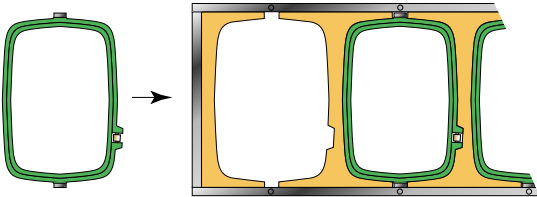


Plastic Frame : SIPF2

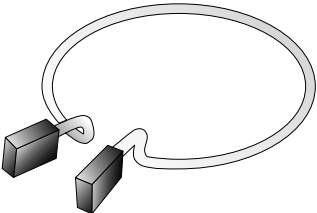
The same part as A on p.19



Example : when square frame with insert is attached to frame holder



SFAA Spring Frame



Plastic Frame : SIPF						
Item No.	Part No.	Outer Sizes	Inner Sizes (a)	Inner Height (mm)		
SIPF:70	931100100A00	87	62	10		
SIPF:90	931100200A00	117	82	10		
SIPF:120	931100300A11	136	112	10		
SIPF:150	931100400A00	166	140	10		
SIPF:180	931100500A00	197	170	10		
SIPF:210	931100600A11	228	200	10		
SIPF:250	931100700A11	270	240	10		
SIPF:300	931100800A11	332	293	10		

Plastic Frame : SIPF & SIPF2						
Item No.	Part No.	Outer Sizes	Inner Sizes (a) x (b)	Inner Height (mm)		
SIPF2:240*240	931204300A11	268 x 256	228 x 228	10		
SIPF2:200*300	931204200A11	347 x 225	308 x 196	10		
SIPF2:240*300	931203300A11	347 x 264	309 x 236	10		
SIPF2:300*300	931203400A11	347 x 338	310 x 310	10		
SIPF:320*200	931200500A11	342 x 211	309 x 183	10		
SIPF2:335*329	931200600A12	340 x 328	300 x 299	21		
SIPF2:335*453	931200700A12	337 x 455	300 x 423	21		

SIPF2:410*250	931204800A11	436 x 265	397 x 236	10		
SIPF2:413*239	931200900A12	420 x 232	378 x 209	21		
SIPF2:413*342	931201100A12	422 x 346	380 x 314	10		
SIPF2:413*467	931201200A12	417 x 467	380 x 435	21		
SIPF2:475*192	931203500A12	478 x 192	432 x 158	10		
SIPF2:450*230	931203600A12	478 x 225	435 x 191	10		
SIPF2:475*270	931203700A12	478 x 270	435 x 236	10		
SIPF2:475*320	931203800A12	478 x 317	435 x 286	10		
SIPF2:475*395	931203900A12	478 x 398	435 x 361	10		
SIPF2:475*310	931201800A12	482 x 313	439 x 279	21		
SIPF2:475*410	931201900A12	480 x 416	439 x 379	21		
SIPF2:480*451 CE	931202100A12	479 x 448	439 x 419	14		
SIPF2:480*481 CE	931202300A12	479 x 480	439 x 449	14		

SIPF2:575*410	931202400A12	584 x 415	539 x 379	21		
SIPF2:575*480	931202500A12	582 x 487	539 x 449	21		

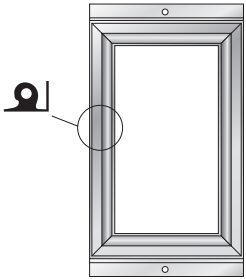
SIPF2:710*270	931202600A12	711 x 268	660 x 232	21		
SIPF2:710*325	931204400A12	711 x 325	660 x 290	18		
SIPF2:710*355	931204500A12	711 x 355	660 x 315	18		
SIPF2:710*395	931202800A12	711 x 390	660 x 357	21		
SIPF2:710*455	931203000A12	713 x 450	660 x 417	21		
SIPF2:710*455 CE	931203100A12	713 x 450	660 x 417	14		
SIPF2:710*545	931203200A12	712 x 542	660 x 504	21		
SIPF2:710*545 CE	931204000A12	712 x 542	660 x 504	14		

Spring Frame : SFAA						
Item No.	Part No.	Actual Outer Diameter				
SFAA - 120	931500100001	120				
150	931500200001	150				
180	931500300001	180				
210	931500400001	210				
250	931500500001	250				

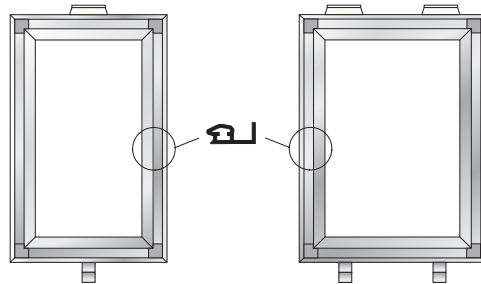
Aluminium Square Frame / Frame Holder / Holder Base

Aluminium Square Frame
with Arm Holders :
SBGA-OO x OO

SBGA



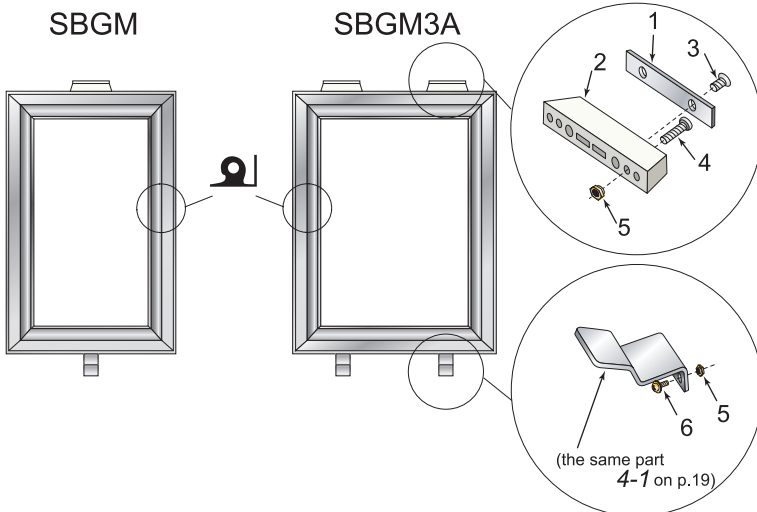
Aluminium Square Frame
Magnet Type(Hook Type) :
SBHM(3A)-OO x OO



Aluminium Square Frame Magnet Type :
SBGM(3A)-OO x OO

SBGM

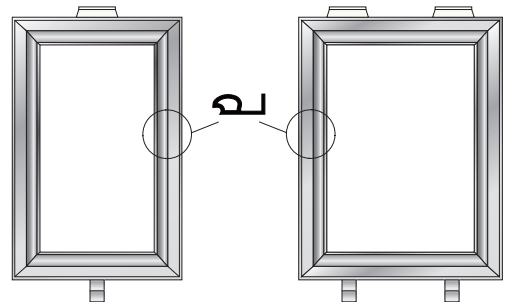
SBGM3A



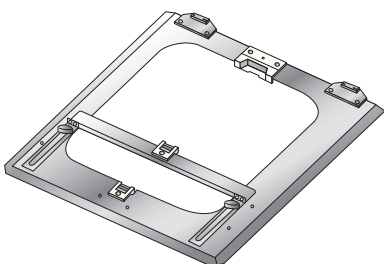
Aluminium Square Frame Magnet Type :
SBIM(3A)-OO x OO

SBIM

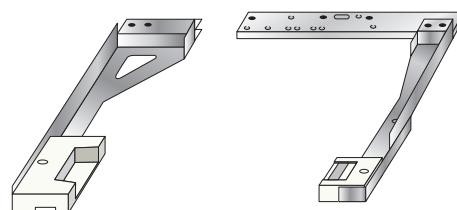
SBIM3A



Frame Holder for OFAM : FSEM-C01/550
{TCMX-601}



Holder Base for OFAM : FSEMII
{TFMX-C##01}



Aluminium Square Frame with Arm Holders : SBGA-OOxOO

Item No.	Part No.	M/C Emb-space (Y) x (X)		
SBGA - OO x OO		~ 850 x ~ 500		
SBGA - OO x OO		950 ~ x ~ 500		
SBGA - OO x OO		ALL x 501 ~		

Aluminium Square Frame Magnet Type : SBGM(3A)-OOxOO

Item No.	Part No.	M/C Emb-space (Y) x (X)		
SBGM - OO x OO Magnet Type with Arm		~ 850 x ~ 499		
SBGM - OO x OO Magnet Type with Arm		950 ~ x ~ 499		
SBGM3A - OO x OO Magnet Type with Arm		ALL x 500 ~		

Aluminium Square Frame Magnet Type : SBIM(3A)-OOxOO

Item No.	Part No.	M/C Emb-space (Y) x (X)		
SBIM - OO x OO Magnet Type with Arm		~ 850 x ~ 499		
SBIM - OO x OO Magnet Type with Arm		950 ~ x ~ 499		
SBIM3A - OO x OO Magnet Type with Arm		ALL x 500 ~		

Aluminium Square Frame Magnet Type (Hook Type) : SBHM(3A)-OOxOO

Item No.	Part No.	M/C Emb-space (Y) x (X)		
SBHM - OO x OO		~1,200 x ~ 499		
- OO x OO		1,201 ~ x ~ 499		
SBHM3A - OO x OO		ALL x 500~		

Note1 : Outer size of aluminium square frame = **M/C Emb-space (Y) x (X)**

Inner size of aluminium square frame = **(Y)** -28mm

(X) -54mm

Note2 : About Clip for SBHM / SBHM3A Aluminium Square Frame, see BFFA-C Border Frame Clip Hook-Type (p.31,p.32).

Note3 : About SBFL(2A)-OOxOO Aluminium Square Frame L-Type and Clip for it, see the former FRAMES LIST (2001.03).

No.	Description	Part No.	Remarks		
1	Base Plate :Cradle A	930900500000			
2	Plate Base :One Touch Frame	932300600011			
3	Countersunk Head Screw :M3*6	S150030601MZ			
4	Pan Head Screw :M3*10	S160031002SD			
5	Screw Ring :Square Frame	0G5400120011			
6	Screw with Washer :M3*6	S660030601MZ			

Frame Holder for OFAM : FSEM-C01/550 {TCMX-601} *

Item No.	Head {M/C Emb-space (X)}	Part No.	Remarks		
FSEM - C01/550	1(550)	UN3501000000	M/C Emb-space (X)=460mm		

Holder Base for OFAM : FSEMII {TFMX-C##01} *

Item No.	Head {M/C Emb-space (X)}	Part No.	Remarks		
FSEM II - 01/520	1(520)	UN3500310000			

Note1 : As for the items with mark *, please specify Model Name & M/No. when you place an order.

Note2 : As for the magnet type Aluminium square frame with X-emb.space more than 500mm, 3A type is always applied, irrespective of Y-emb. Space.

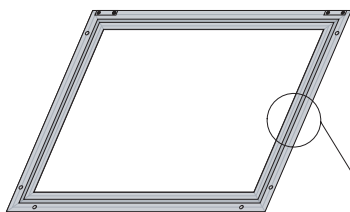
Note3 : Please see p.40 for the necessary amount of clips for a magnet type Aluminium square frame.
But please note that it is only for the guidelines.

Border Frame / Wooden Frame Holder

Border Frame : BFU3

{TFMX-C##01 / TEJTII-C##01}

{TCMX-601 / TCMX / TCMXII-602,604}

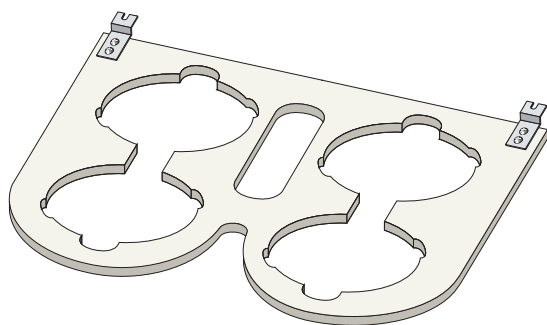


Border Frame : BFU2

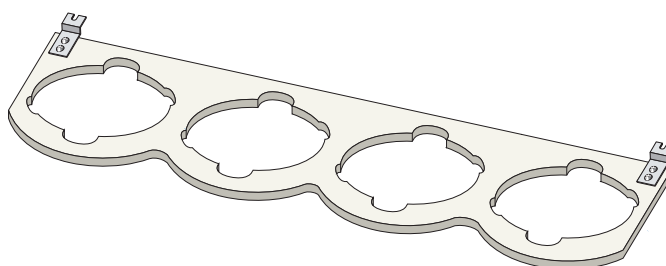
{TFMX-II(C)}



Wooden Frame Holder for SPF-21 & SPFH :
FHEA-CO/OO x OO M/C Emb-Space (X)=360mm
{TFMX-II(C)}

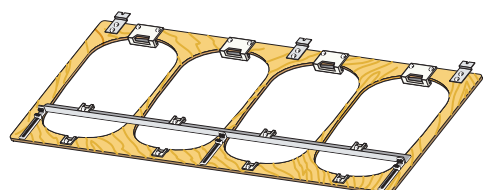


Wooden Frame Holder for SPF-21 & SPFH :
FHEA-CO/OO x OO M/C Emb-Space (X)=500mm
{TFMX-II(C)}

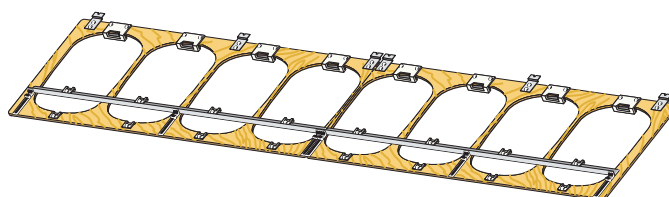


(TSI-2004-1045)

Wooden Frame Holder for OFAM :
FSMA-OO/OOO
{TFMX-II(C)/TCMX-II602/604(MIX)}



Wooden Frame Holder for OFAM :
FSMA-OO/OOO
{TFMX-II(C)}



Border Frame : BFU3 {TFMX-C##01/TEJTII-C##01/TCMX-601 & TCMX,TCMX-II602,604}					
Item No.	Head {M/C Emb-space (X)}	Part No.	Remarks		
BFU3 TFMX-C##01	1(520)	309152030A00			
TEJTII-C##01	1(500)	303150030A00			
TCMX- 601	1(500)	30B154030A00	M/C Emb-space(Y)=460mm		
BFU3 TCMX-II	2(500)	30B250030A00			
	4(500)	30B450030A00			
BFU3 TCMX-II MIX	2(570)	30B2FM030A00			

Border Frame : BFU2 {TFMX-II(C)}					
Item No.	Heads {M/C Emb-space (X)}	Part No.	Remarks		
BFU2 TFMX-II(C)	2(500)	308250010A11			
	4(360)	308439010A11			
	4(500)	308450010A11	With Supporter		
	6(360)	308639010A11	With Supporter		
	6(500)	308650010A11	With Supporter		
	8(360)	308839010A11	With Supporter		
	8(500)	308850020A00	With Supporter		

Wooden Frame Holder for SPF-21 & SPFH : FHEA-CO/OOxOO M/C Emb-Space (X)=360mm {TFMX-II(C)}					
Item No.	Heads {M/C Emb-space (X)}	Part No.	Remarks		
FHEA - C4/ 21x 21	4(360)	939300100A12	2 head type		
- C6/ 21x 21	6(360)	939300100A12			
- C8/ 21x 21	8(360)	939300100A12			

Wooden Frame Holder for SPF-21 & SPFH : FHEA-CO/OOxOO M/C Emb-Space (X)=500mm {TFMX-II(C)}					
Item No.	Heads {M/C Emb-space (X)}	Part No.	Remarks		
FHEA - C2/ 21x 21	2(500)	939300200A12	2 head type		
- C4/ 21x 21	4(500)	939300200A12			
- C6/ 21x 21	6(500)	939300200A12			
- C8/ 21x 21	8(500)	939300200A12			

Wooden Frame Holder for OFAM : FSMA-OO/OOO {TFMX-II(C)/TCMX-II602/604(MIX)}					
Item No.	Heads {M/C Emb-space (X)}	Part No.	Remarks		
FSMA - 02/500	2(500)	939400100A13			
- 04/360	4(360)	939400200A13			
- 04/500	4(500)	939400300A13			
- 06/360	6(360)	939400400A13			

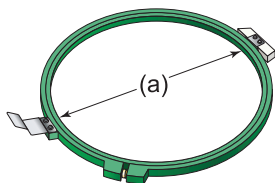
Wooden Frame Holder for OFAM : FSMA-OO/OOO {TFMX-II(C)}					
Item No.	Heads {M/C Emb-space (X)}	Part No.	Remarks		
FSMA - 06/500	6(500)	939400500A14			
- 08/360	8(360)	939400600A14			
- 08/500	8(500)	939400700A12			

Note1 : As for the items on this page, please specify Model Name & M/C No. when you place an order.

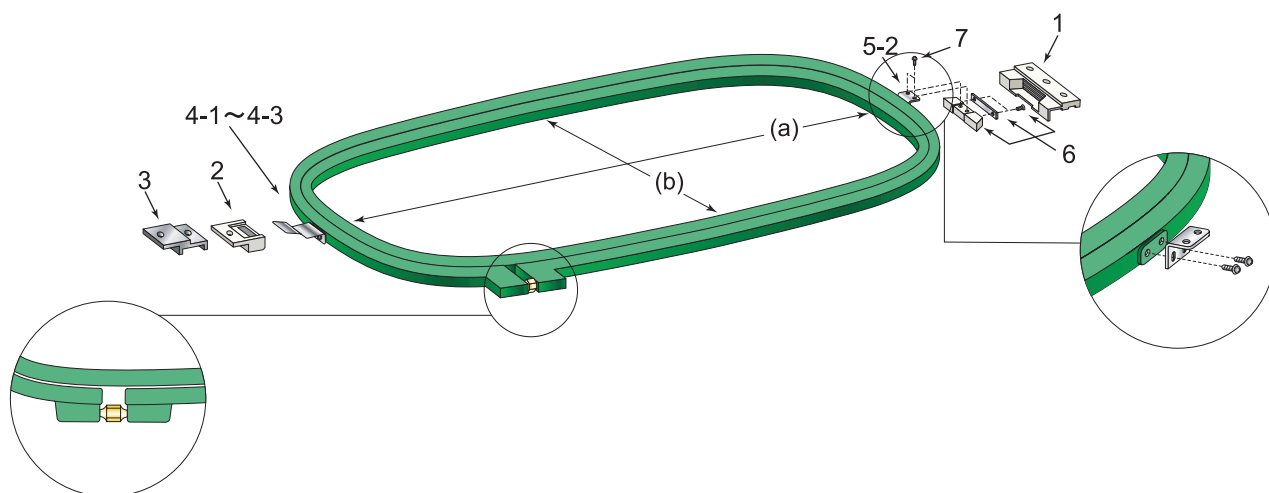
Note2 : As for the standard Clips for BFU3, BFF8-C are introduced from 2010.09. (TSI-2010-1023)

One Touch Frame

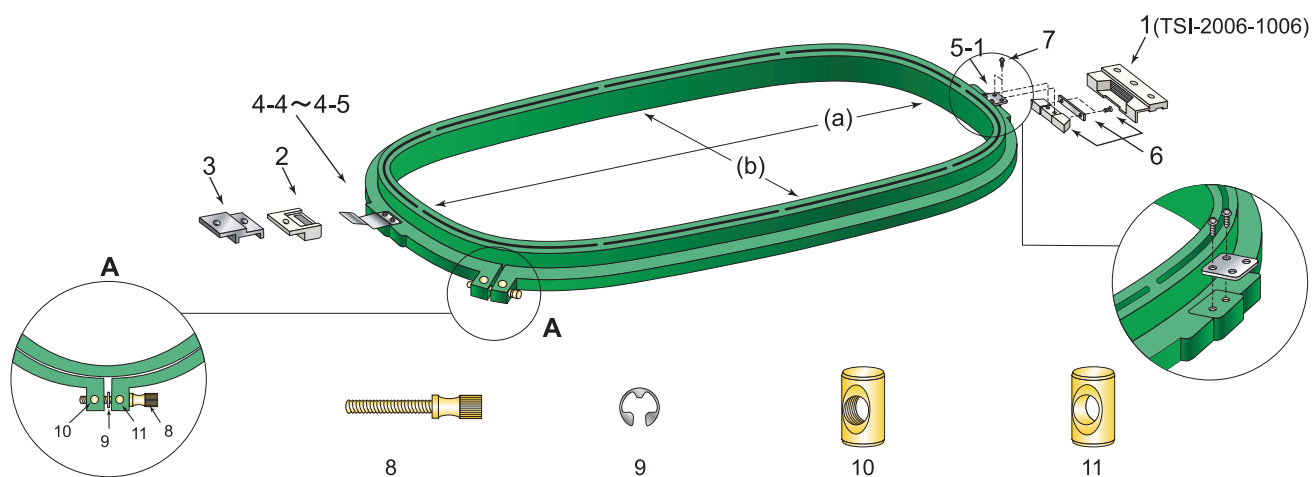
One-Touch Frame : OFAM



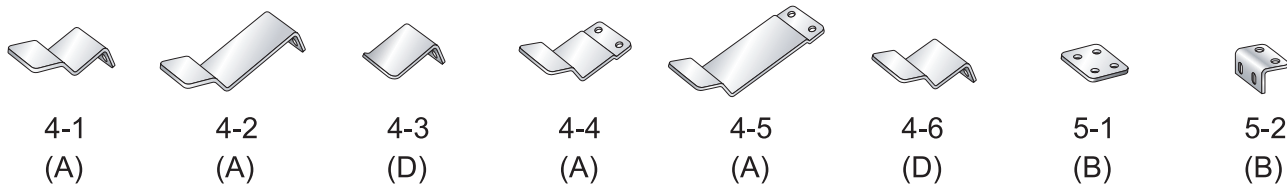
One-Touch Frame : OFAM



One-Touch Frame : OFAM2



Frame Arm A / B / D



One-Touch Frame : OFAM						
Item No.	Part No.	Outer Sizes	Inner Sizes (a)	Inner Height (mm)		
OFAM:70	932100100A00	87	62	10		
OFAM:90	932100200A00	117	82	10		
OFAM:120	932100300A11	136	112	10		
OFAM:150	932100400A00	166	140	10		
OFAM:180	932100500A00	197	170	10		
OFAM:210	932100600A11	228	200	10		
OFAM:250	932100700A11	270	240	10		
OFAM:300	932100800A11	332	293	10		

One-Touch Frame : OFAM & OFAM2						
Item No.	Part No.	Outer Sizes	Inner Sizes(a)x(b)	Inner Height (mm)		
OFAM2:240*240	932203700A11	268 x 256	228 x 228	10		
OFAM2:200*300	932203600A11	225 x 347	196 x 308	10		
OFAM2:240*300	932202700A11	264 x 347	236 x 309	10		
OFAM2:300*300	932202800A11	347 x 338	310 x 310	10		
OFAM:320*200	932200500A11	342 x 211	309 x 183	10		
OFAM2:335*329	932200600A12	340 x 328	300 x 299	21		
OFAM2:335*453	932200700A12	337 x 455	300 x 423	21		

OFAM2:410*250	932203800A11	436 x 265	397 x 236	10		
OFAM2:413*239	932200800A12	420 x 232	378 x 209	21		
OFAM2:413*342	932201000A12	417 x 467	380 x 314	10		
OFAM2:413*467	932201100A12	417 x 467	380 x 435	21		
OFAM2:475*192	932202900A12	478 x 192	432 x 158	10		
OFAM2:450*230	932203000A12	478 x 225	435 x 191	10		
OFAM2:475*270	932203100A12	478 x 270	435 x 236	10		
OFAM2:475*320	932203200A12	478 x 317	435 x 286	10		
OFAM2:475*395	932203300A12	478 x 398	435 x 361	10		
OFAM2:475*310	932201700A12	482 x 313	439 x 279	21		
OFAM2:475*410	932201800A12	480 x 416	439 x 379	21		
OFAM2:480*451	932201900A12	479 x 448	439 x 419	14		
OFAM2:480*481	932202000A12	479 x 480	439 x 449	14		

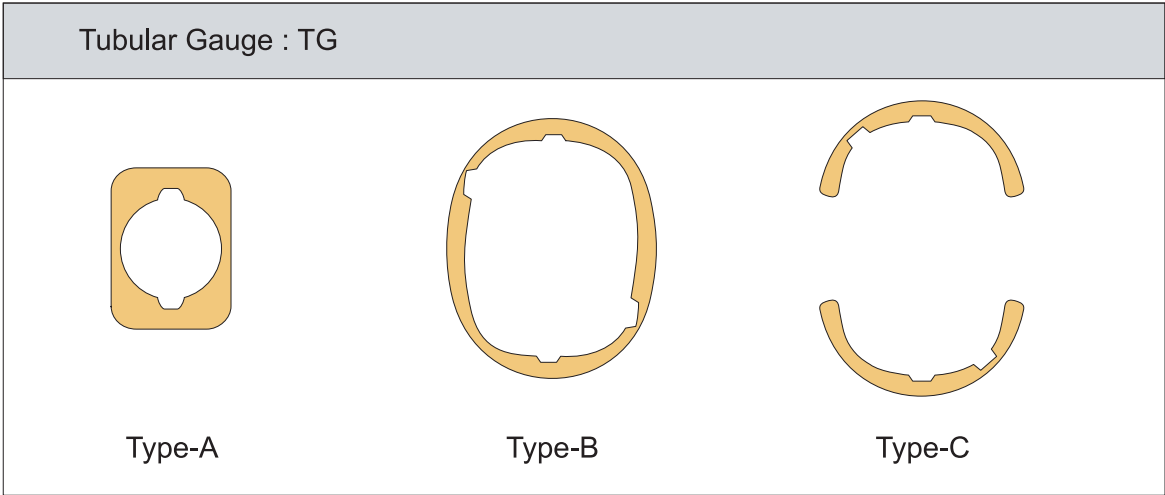
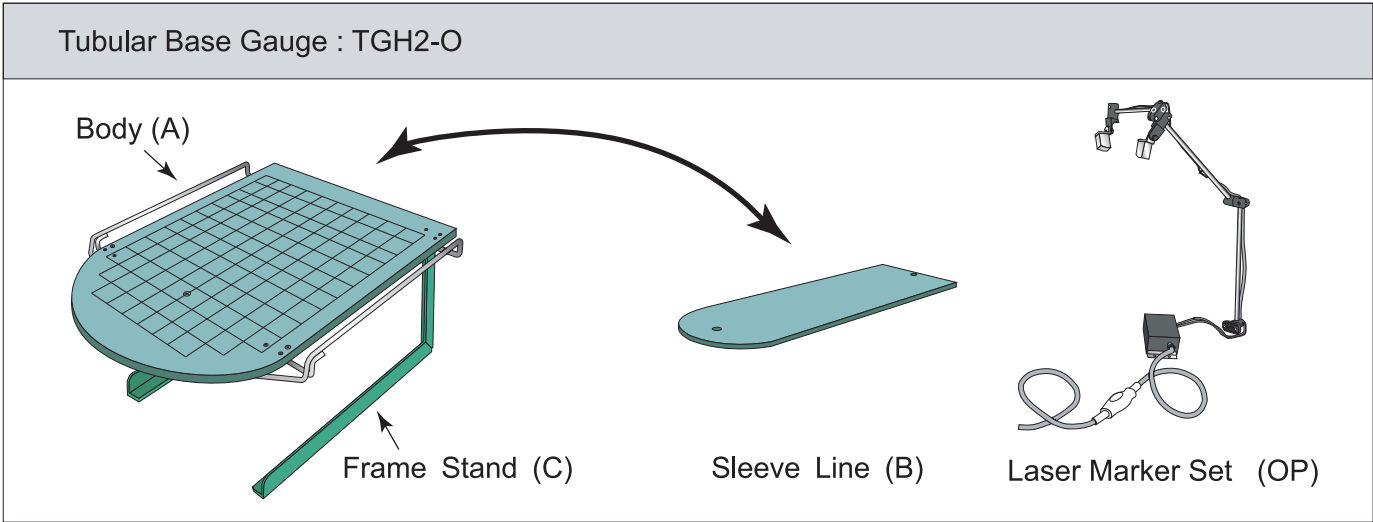
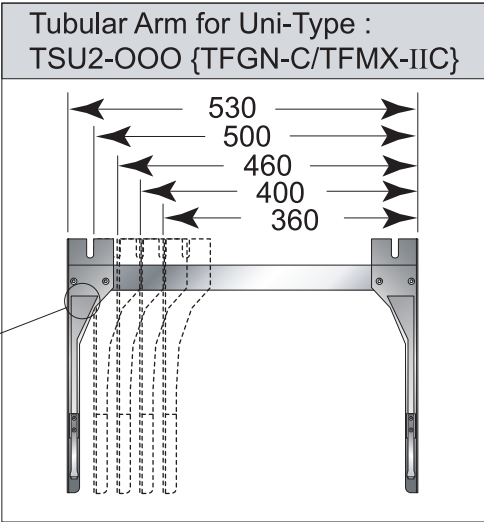
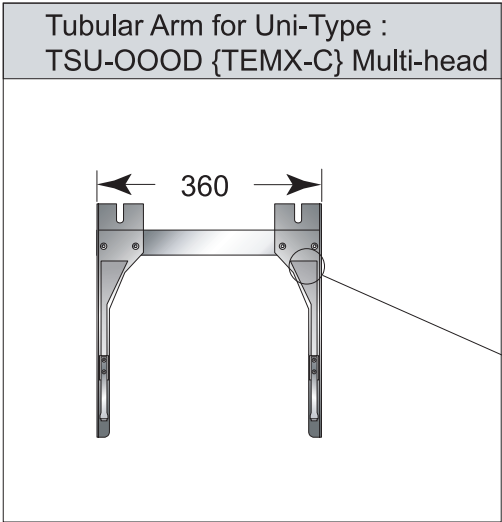
OFAM2:575*410	932202100A12	584 x 415	539 x 379	21		
OFAM2:575*480	932202200A12	582 x 487	539 x 449	21		

OFAM2:710*270	932202300A12	711 x 268	660 x 232	21		
OFAM2:710*325	932203400A12	711 x 325	660 x 290	18		
OFAM2:710*355	932203500A12	711 x 355	660 x 315	18		
OFAM2:710*395	932202400A12	711 x 390	660 x 357	21		
OFAM2:710*455	932202500A12	713 x 450	660 x 417	21		
OFAM2:710*455 CE	932601200A12	713 x 450	660 x 417	14		
OFAM2:710*545	932202600A12	712 x 542	664 x 504	21		
OFAM2:710*545 CE	932601300A12	712 x 542	664 x 504	14		

Price of OFAM For TFMX-C / TCMX : please contact us when you place an order.

No.	Description	Part No.	Remarks		
1	Cradle A	930900810S11	With Magnet & Spacer		
2	Cradle B	930901200S11	With Magnet		
3	Spacer For TCMX Series	OFA201700000			
4-1	Frame Arm A	932300500013	For inner height: 10 mm		
4-2	Frame Arm A For TCMX	OFA2109000CE	For inner height: 10 mm		
4-3	Frame Arm D For TFMX-C	932300800011			
4-4	Frame Arm A	932300200013	For inner height:14 / 18 / 21 mm		
4-5	Frame Arm A For TCMX	932300400012	For inner height:14mm		
4-6	Frame Arm D	932300700011			
5-1	Frame Arm B	932300300012	For inner height:14 / 18 / 21 mm		
5-2	Frame Arm B	932300900011	For inner height:10 mm		
6	Frame Attaching Base Set	930901500A00			
7	Attaching Base Set Screw	S130030602SD	M3 x 6		
8	Adjusting Bolt (L)=51mm	511D04060012			
9	E-ring	611100060000	3mm		
10	Fixture A	933A00200022			
11	Fixture B	933A00300022			

Arm, Base Gauge & Gauge for Tubular Goods



Tubular Arm for Uni-Type : TSU-OOOD {TEMX-C} M/C Emb-space (Y) =360mm *				
Item No.	Part No.	Remarks		
TSU - 360D	UG7060000000			

Tubular Arm for Uni-Type : TSU2-OOO {TFGN-C/TFMX-IIC} M/C Emb-space (Y)=450mm *				
Item No.	Part No.	Remarks		
TSU2 - 360	UG7050000011			
- 400	UG7050000311			
- 460	UG7050000211			
- 500	UG7050000111			
- 530	UG7050000411			

As for the items with * , Please specify Model Name & M/No. when you place an order.

Tubular Base Gauge : TGH2-O				
Item No.	Part No.	Description		
TGH2 - 1	UG4100000011	Gauge Body / Set Price (A+B+C)		
TGH2 - 2	UG4100000111	Gauge Body / Set Price (A+B+C)		

TGH2-1 : X=275, 360, 400, 460mm

TGH2-2 : X=500mm~

Item No.	Part No.	Remarks		
Laser Marker Set (Option)	UN59LLM00000	Cross-Type (X & Y)		

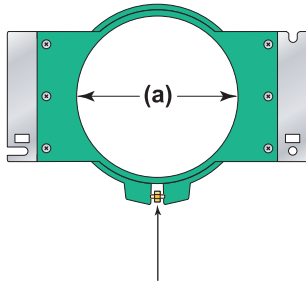
Tubular Gauge : TG					
Type	Item No.	Part No.		Description	
		(a)	(b)		
A	TG - 7 / 9 / 12 / 15	933300*00000	1 / 2 / 3 / 4		
	- 18 / 21		5 / 6		
B	TG - 200×115	933300*00000	7		
	- 24× 24 /260×335		8 / 9		
	- 335×335	933301000011	10		
	335×329	933301100000	11		
	- 34× 31	93330**00000	13		
	- 335×453		12		
	- 413×239 /413×342		15 / 16		
	- 45× 23		18		
	- 475×320 /450×395		19 / 20		
	- 475×310		25		
C	TG - 413×467	93330**00000	17	Unified Price	
	- 475×410 /475×450		26 / 27		
	- 475×480		28		
	- 575×410		29		

Note : Put **(b)** numbers into * or ** of **(a) Parts No.**

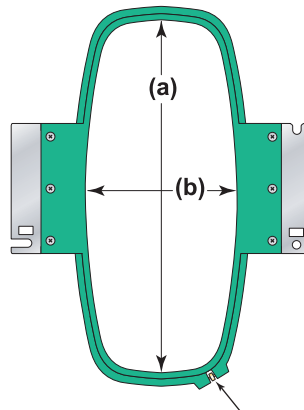
The order of **(b)** numbers represents **Item No.**

Tubular Frame

Tubular Goods Frame : TFA

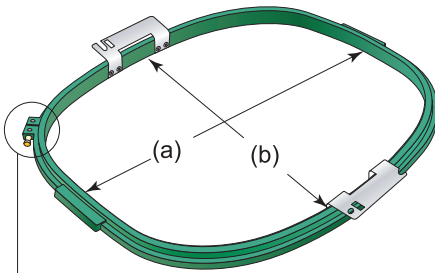


The same part as No.2 on p.11



The same part as No.2 on p.11

Tubular Goods Frame : TFA & TFA2



The same parts as A on p.19

Tubular Goods Frame : TFA : 275P						
Item No.	Part No.	Description	Inner Size (a)	Inner Height (mm)		
TFA:70	933100127A00		58	21		
TFA:90	933100327A11		78	21		
TFA:120	933100527A11		108	21		
TFA:150	933100727A11		136	21		
TFA:180	933100927A11		166	21		
TFA:210	933101127A00		196	21		

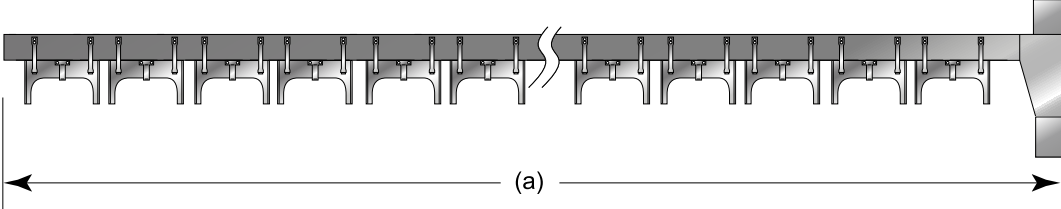
Tubular Goods Frame : TFA : 360P						
Item No.	Part No.	Description	Inner Size (a)	Inner Height (mm)		
TFA:70	933100239A11		58	21		
TFA:90	933100439A11		78	21		
TFA:120	933100639A11		108	21		
TFA:150	933100839A11		136	21		
TFA:180	933101039A11		166	21		
TFA:210	933101239A11		196	21		

Tubular Goods Frame : TFA & TFA2						
Item No.	Part No.	M/C Emb-Space (X)	Inner Size(a) × (b)	Inner Height (mm)		
TFA:200*115	933200127A11	275	190 x 102	21		
TFA:200*115	933200239A11	360	190 x 102	21		
TFA:240*240	933200427A11	275	228 x 228	10		
TFA:240*240	933200339A11	360	228 x 228	21		
TFA:260*335	933200539A22	360	236 x 309	10		
TFA2:340*310	933200839A12	360	304 x 275	21		
TFA:320*450	933201050A12	500	284 x 435	10		
TFA2:335*329	933201839A12	360	300 x 299	21		
TFA2:335*453	933203450A12	500	300 x 423	21		
TFA:395*325	933203639A11		360 x 290	10		
TFA:395*450	933204250A12		357 x 412	10		
TFA:325*395	933202843A11	460	290 x 360	10		
TFA2:410*575	933205000A12		379 x 539	21		
TFA2:413*239	933203827A12	275	378 x 209	21		
TFA2:413*239	933203939A12	360	378 x 209	21		
TFA2:413*342	933204439A12		380 x 314	10		
TFA2:413*467	933204750A12		380 x 435	21		
TFA:450*230	933202627A12		435 x 185	10		
TFA:450*320	933201239A12		435 x 284	10		
TFA:450*395	933201443A12	460	412 x 357	10		
TFA2:475*310	933202439A12		439 x 279	21		
TFA2:475*410	933202243A12	460	439 x 379	21		
TFA2:480*451	933201650A12		439 x 419	21		
TFA2:480*481	933202053A12		439 x 449	21		
TFA:335*335	933200639A22		310 x 310	10		

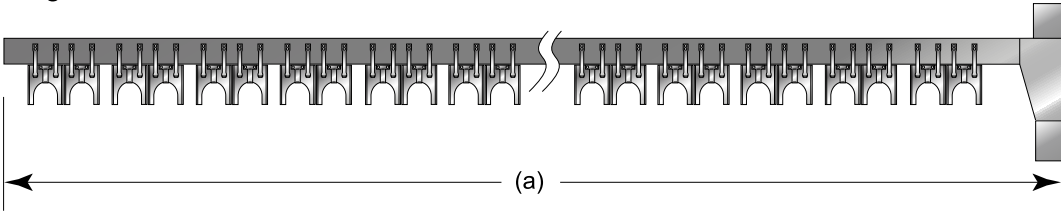
Sock Frame Sash / Sock Frame / Sock Gauge / Cradle

Sock Frame Sash with Cradle of Plate Spring Type : SSE-(A) {TFGN / TEMX-C}

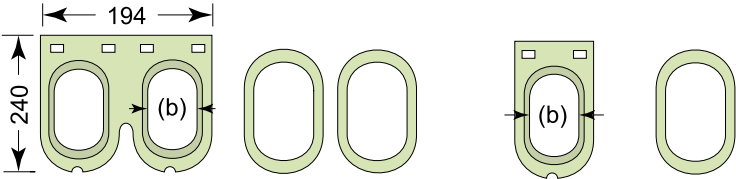
Twin frame / single-use



Single frame / double-use



Sock Frame : SHE-O(A)



1 set of Twin Frame
SHE-1 (Adult-use)
SHE-2 (Child-use)

1 set of Single Frame
SHE-1A (Adult-use)
SHE-2A (Child-use)

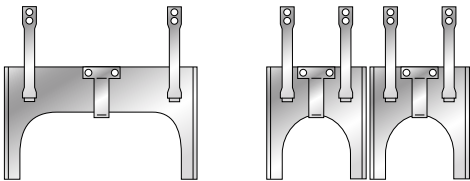
Sock Gauge : SGE-O



SGE-1 (Adult-use)
SGE-2 (Child-use)

Note : This gauge applies to both types of Double-use and Single-use.

Cradle : SHB-O



SHB-1

SHB-2

Sock Frame Sash with Cradle of Plate Spring Type : SSE-(A) {TFGN/TEMX-C} *

<Twin Frame / single-use>

(a)		
~ 3,000		
3,001 ~ 4,000		
4,001 ~ 5,000		
5,001 ~ 6,000		
6,001 ~ 7,000		

<Single Frame / double-use>

(a)		
~ 3,000		
3,001 ~ 4,000		
4,001 ~ 5,000		
5,001 ~ 6,000		
6,001 ~ 7,000		

< Example >

>TFGN : SSE- OO/P

(a) = P x (H - 1) + 520

>TEMX-C : SSE-A OO/P

(a) = P x (H - 1) + 865.5

P : Head Interval H : Number of Heads

Sock Frame Sash with cradle of Plate Spring Type {TFMX-II(C)### / TFMX-C} *

Item No.	Remarks		
TFMX-II(C) ##02	Base Sash with spring cradle SHB-2 x 2		
##04	Base Sash with spring cradle SHB-2 x 4 (M/C Emb-space (X)=360&500mm)		
##06	Base Sash with spring cradle SHB-2 x 6		
##08	Base Sash with spring cradle SHB-2 x 8		
TFMX-C ##01 (Twin)	Base Sash with spring cradle SHB-1 x 2 (M/C Emb-space (Y)=280/360mm) [334100010A00]		
##01 (Single)	Base Sash with spring cradle SHB-2 x 2 (M/C Emb-space (Y)=280/360mm) [334100020A00]		

Sock Frame : SHE-O(A)

Item No.	Part No.	(b)		
SHE-1A	936100100T00	61		
SHE-2A	936100400T00	51		
SHE-1	936100300T00	61		
SHE-2	936100600T00	51		

Sock Gauge : SGE-O

Item No.	Part No.	(b)		
SGE-1	936500200A00	71		
SGE-2	936500100000	61		

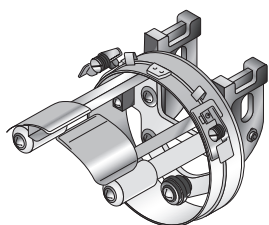
Cradle : SHB-O

Item No.	Remarks		
SHB-1	Including Spacers, Rollers, Plate, Springs and Screws.		
SHB-2			

Note : As for the items with *, please specify Model Name & M/No. when you place an order.

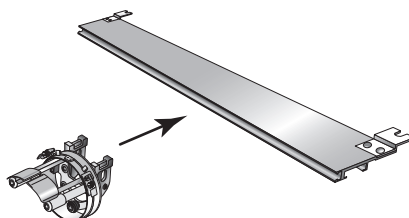
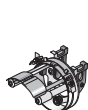
Cap Frame / Gauge & Others for Cap Frame

Drive Ring for Cap Frame
BGWU / BGWB

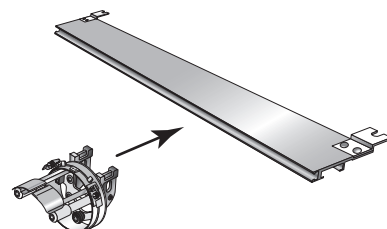


BGWU / BGWB

Cap Frame Base for Uni-Type : BWU(X)-OO
{TFGN-C / TFMX-IIC / TEMX-C / TFMX-C##01}



BWU-02



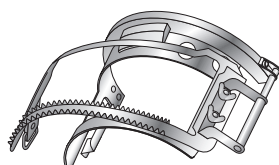
BWU(X)-01

Wide Cap Frame (II / III)
: TCW-300 (B)

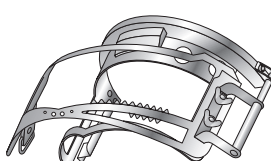


TCW-300 (B)

Semi-Wide Cap Frame : TCW-180(R)

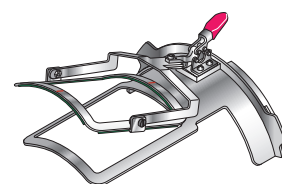


TCW-180



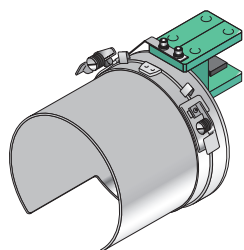
TCW-180R

Pocket Frame:TPF
{TFMX-C/TEJTII-C/TFMXII-C}
{TEMX-C}

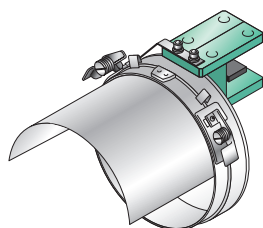


TPF
(TSI-2007-1005/ADD)

Cap Frame Setting Gauge : CGWR-OOO

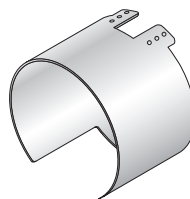


CGWR-300/360

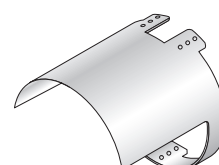


CGWR-180

Cap Frame Gauge Ring B : CGWR-OOOB



CGWR-300B/360B



CGWR-180B

Drive Ring For Cap Frame : BGWU / BGWB				
Item No.	Part No.	Remarks		
BGWU	934200500A00	For Uni-Type TCW-360/300		
BGWB	934200400A12	For Uni-Type TCW-300B (Baby)		

Cap Frame Base For Uni-Type : BWU-02 {TFGN-C/TFMX-IIC}				
Item No.	Part No.	Remarks		
BWU - 02	999999999999	Emb-space (X)=360mm, 2 heads in a pair		
- 02	999999999999	Emb-space (X)=400mm, 2 heads in a pair		
- 02	999999999999	Emb-space (X)=460mm, 2 heads in a pair		
- 02	999999999999	Emb-space (X)=500mm, 2 heads in a pair		

Cap Frame Base For Uni-Type : BWU-01 {TFGN-C/TFMX-C (Multi-head)}				
BWU - 01	999999999999	Emb-space (X)=360mm, for 1 Head Type		

Cap Frame Base For Uni-Type : BWUX-01 {TFMX-C##01}				
Item No.	Part No.	Remarks		
BWUX - 01	999999999999	Emb-space (X)=520mm, for Single-head machine		

Wide Cap Frame (II / III) : TCW-000(B)				
Item No.	Part No.	Remarks	M/C Emb-Space (Y) x (X)	
TCW - 360	934100100A22	Wide Cap (Adult)	75 x 360	
- 300	934100200A44	Wide Cap II (Child)	75 x 300	
- 300B	934100500A22	Wide Cap III (Baby)	75 x 300	

Semi-Wide Cap Frame : TCW-180(R)				
Item No.	Part No.	Remarks	M/C Emb-Space (Y) x (X)	
TCW - 180	934100300A11	Semi-Wide Cap	83 x 180	
- 180R	934100400A11	Semi-Wide (R) Cap	83 x 180	

Pocket Frame : TPF {TFMX-C/TEJTII-C/TFMX-IIC/TFMX-C (Single-head)}				
Item No.	Part No.	Remarks		
TPF - 65x100	934700100A00	For pocket, back and side of caps		
- 100x 75	934700200A00	For pocket, back and side of caps		

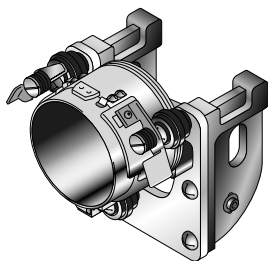
Note : Pocket Frame can be installed to the cylinder-type machine if only Cap Frame unit is installable.

Cap Frame Setting Gauge : CGWR-300				
Item No.	Part No.	Remarks		
CGWR - 360	934300100A12	For TCW-360/300		
- 300	934300200A01	For TCW-300B		
- 180	934300300A12	For TCW-180/180R		

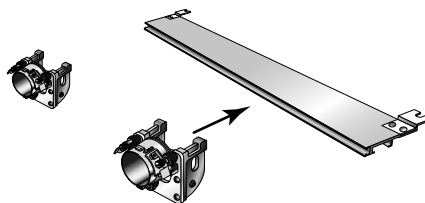
Cap Frame Gauge Ring B : CGWR-000B				
Item No.	Part No.	Remarks		
CGWR - 180B	0G4160140011	For Semi-Wide Cap		
- 300B/360B	0G4160130011	For Wide Cap		

Cylindrical Frame / Gauge & Others for Cylindrical Frame

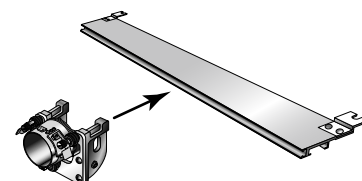
Drive Ring
: BCF-68



Cylindrical Frame Base for Uni-Type : BCU(X)-OO
{TFGN-C / TEJTII-C / TEMX-C / TFMX-C}

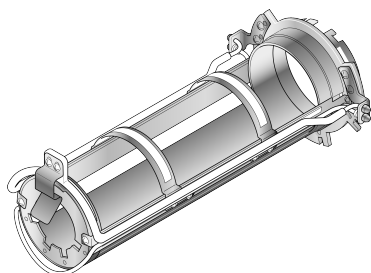


BCU-02

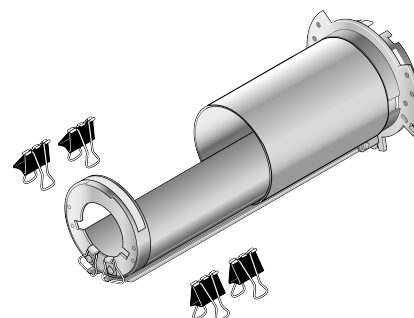


BCU(X)-01

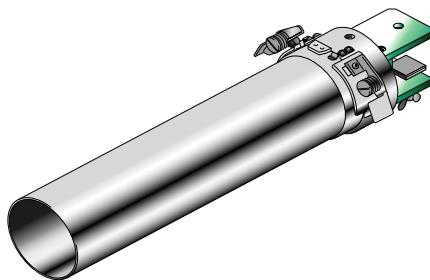
Clamp Type Cylindrical Frame : CFCM-68



Clip Type Cylindrical Frame : CFCP-68



Gauge for Cylindrical Frame : CGF-68



Needle Plate for Cylindrical Frame : CNP-68-25



Cylindrical Frame / Gauge & Others for Cylindrical Frame

Drive Ring For Cylindrical Frame : BCF-68				
Item No.	Part No.	Remarks		
BCF - 68	935300100A12			

Cylindrical Frame Base For Uni-Type : BCU(X)-OO {TFGN-C/TEJTII-C/TEMX-C/TFMX-C}				
Item No.	Part No.	Remarks		
BCU - 1 / P		1 Head Type		
- 2 / P		2 Head Type		
BCUX - 1 / 500 / 520		TEJTII-C / TEMX-C / TFMX-C##01		

P : M/C Emb-space (X)

Clamp Type Cylindrical Frame : CFCM-68				
Item No.	Part No.	M/C Emb-Space (Y) x (X)		
CFCM - 68	935100100A11	170 x 60		

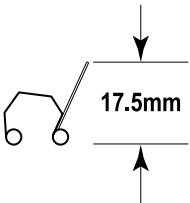
Clip Type Cylindrical Frame : CFCEP-68				
Item No.	Part No.	M/C Emb-Space (Y) x (X)		
CFCEP - 68	935200100A11	100/75 x 140		

Gauge For Cylindrical Frame : CGF-68				
Item No.	Part No.	Remarks		
CGF - 68	UG4000000011			

Needle Plate For Cylindrical Frame : CNP-68-25				
Item No.	Part No.	Remarks		
CNP - 68 - 25	050340280S23	Ring-Style Needle Plate with a 2.5mm dia. hole.		

Note : As for the items with *, please specify Model Name & M/No. when you place an order.

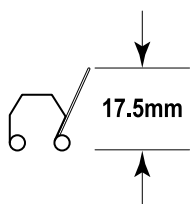
Border Frame Clip : BFF8-COO



BFF3

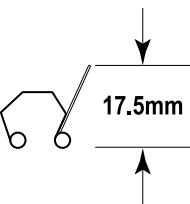
*Note: This clip BFF8-C applies to “BFF3” & “BFU3” border frame.

Border Frame Clip : BFF4-COO



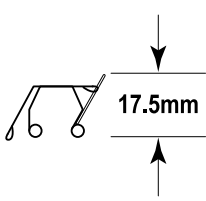
BFF2

Border Frame Clip : BFF4A-COO



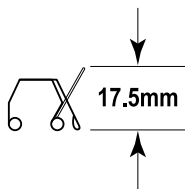
BFF3

Border Frame Clip (with Cover) : BFF6-COO



BFF2

Border Frame Clip (with Cover) : BFF7-COO



BFF3

*Note: This clip BFF7-C is optional for border frame “BFF3” & “BFU3” .

Border Frame Clip : BFF8-COO					
Item No.	Length	Part No.	Remarks		
BFF8 - C17	170	0G052021CS00			
- C18	180	0G052021BS00			
- C21	210	0G0520219S00			
- C22	220	0G0520218S00			
- C23	230	0G0520217S00			
- C25	250	0G0520216S00			
- C26	260	0G0520215S00			
- C27	270	0G0520214S00			
- C29	290	0G0520212S00			
- C30	300	0G0520211S00			

Border Frame Clip : BFF4-COO					
Item No.	Length	Part No.	Remarks		
BFF4 - C10	100	0G052015E022			
- C15	150	0G052015D022			
- C17	170	0G052015C023			
- C20	200	0G052015A022			
- C21	210	0G0520159023			
- C22	220	0G0520158023			
- C25	250	0G0520156023			
- C26	260	0G0520155023			
- C27	270	0G0520154023			
- C28	280	0G0520153022			
- C29	290	0G0520152023			
- C30	300	0G0520151023			

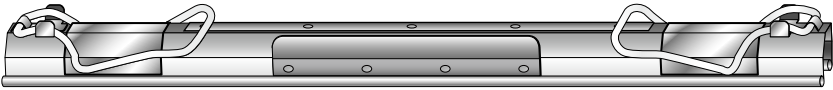
Border Frame Clip : BFF4A-COO					
Item No.	Length	Part No.	Remarks		
BFF4A - C10	100	0G052015E025			
- C15	150	0G052015D025			
- C17	170	0G052015C025			
- C18	180	0G052015B025			
- C20	200	0G052015A025			
- C21	210	0G0520159025			
- C22	220	0G0520158025			
- C23	230	0G0520157025			
- C25	250	0G0520156025			
- C26	260	0G0520155025			
- C27	270	0G0520154025			
- C28	280	0G0520153025			
- C29	290	0G0520152025			
- C30	300	0G0520151025			

Border Frame Clip (with Cover) : BFF6-COO					
Item No.	Length	Part No.	Remarks		
BFF6 - C22	220	0G0520073044			
- C23	230	0G0520074044			
- C27	270	0G0520076044			
- C29	290	0G0520077044			
- C30	300	0G0520078044			

Border Frame Clip (with Cover) : BFF7-COO					
Item No.	Length	Part No.	Remarks		
BFF7 - C22	220	0G0520171A01			
- C23	230	0G0520172A01			
- C27	270	0G0520174A01			
- C29	290	0G0520175A01			
- C30	300	0G0520176A01			

Clips2 / Auto Clamp Frame

Border Frame Clip (with Lock) : BFG2-COO

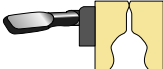
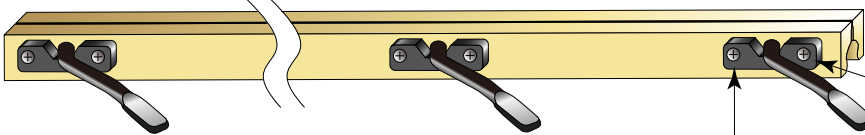


20.0mm



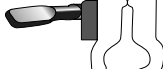
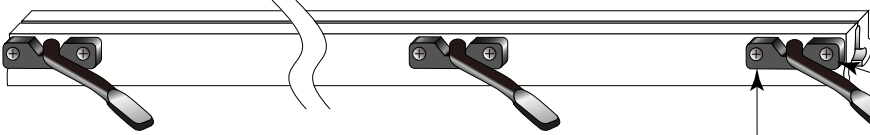
BFF2

Special Clip (One-touch) : BSC-B000



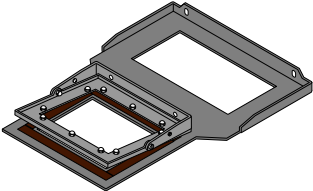
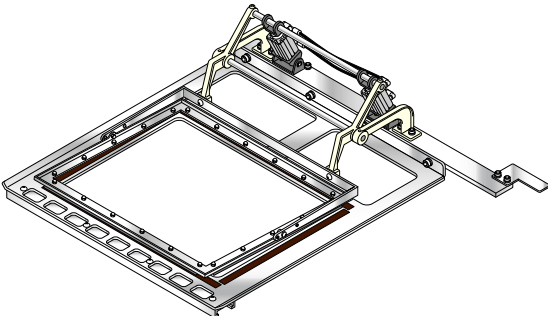
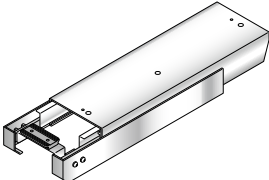
BFF2

Special Clip (One-touch) : BSCA-B000



BFF3

*Note: This special clip BSCA-B applies to “BFF3” & “BFU3” border frame.

Auto Clamp Frame : ACFA- 000 x 000	Big Size Auto Clamp Frame : ACCA- 210x280	Slide Set : ACGA- 360 / 450
 (TSI-2005-1019AD/1034)		

Border Frame Clip (with Lock) : BFG2-COO					
Item No.	Length	Part No.	Remarks		
BFG2 - C22	220	MX0320C20220			
- C29	290	MX0320C20290			
- C30	300	MX0320C20300			

Special Clip (One-touch) : BSC-B000					
Item No.	Length	Part No.	Remarks		
BSC - B290	290	0G0540040A00			
- B360	360	0G0540050A00			
- B420	420	0G0540060A00			
BSC - B470	470	0G0540070A00			
- B480	480	0G0540080A00			
- B500	500	0G0540090A00			
- B550	550	0G0540100A00			
- B560	560	0G0540110A00			
- B570	570	0G0540120A00			
BSC - B675	675	0G0540130A00			

Special Clip (One-touch) : BSCA-B000					
Item No.	Length	Part No.	Remarks		
BSCA - B290	290	0G0571010A00			
- B360	360	0G0571020A00			
- B420	420	0G0571030A00			
BSCA - B470	470	0G0571040A00			
- B480	480	0G0571050A00			
- B500	500	0G0571060A00			
- B550	550	0G0571070A00			
- B560	560	0G0571080A00			
- B570	570	0G0571090A00			
BSCA - B675	675	0G0571100A00			

Special Clip (One-touch) : BSC-B					
No.	Description	Part No.	Remarks		
1	Handle :Border Frame Clip	0G0540010001			
2	Base :Clip Handle	0G0540030000			
3	Countersunk Head Screw :M3*8	S150030801MZ			

Special Clip (One-touch) : BSCA-B					
No.	Description	Part No.	Remarks		
1	Handle :Border Frame Clip	0G0540010001			
2	Base :Clip Handle:B	0G0571110001			
3	Countersunk Head Screw :M3*12	S150031201MZ			

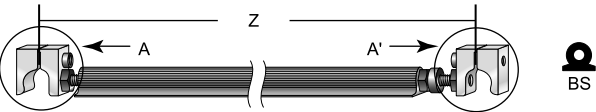
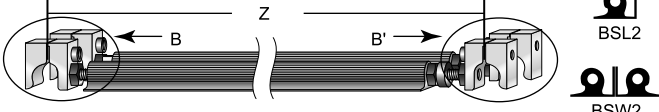
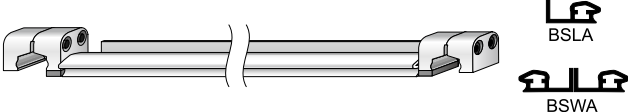
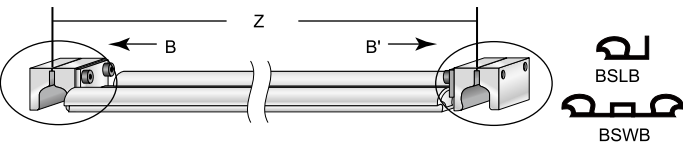
Auto Clamp Frame : ACFA-000 x 000					
Item No.	Part No.	Inner Sizes			
ACFA - 40 x 80	931000100T00	40 x 80			
- 60 x 80	931000110T00	60 x 80			
- 80 x 120	931000120T00	80 x 120			
- 100 x 150	931000130T00	100 x 150			
- 150 x 180	931000140T00	150 x 180			

Big Size Auto Clamp Frame : ACCA-210 x 280					
Item No.	Part No.	Inner Sizes			
ACCA - 210 x 280	ZSA202000000	210 x 280			

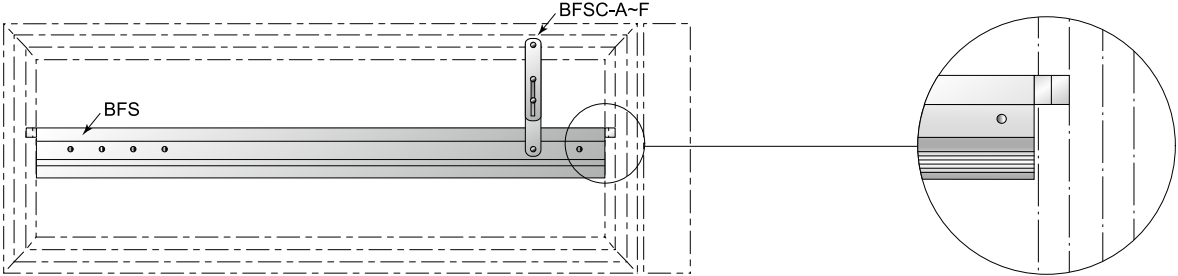
Slide Set : ACGA-360/450					
Item No.	Part No.	Model			
ACGA - 360	ZSA204000000	TEJTII-C##01			
ACGA - 450	ZSA203000000	TFMX-C##01			

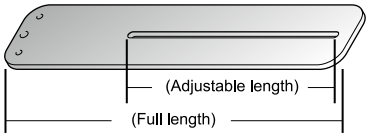
Big Size Auto Clamp Frame Set : ACCU					
Item No.	Part No.	Remarks			
ACCU		Set of ACCA, ACGA and other parts			

Middle Supporter / Middle Sash

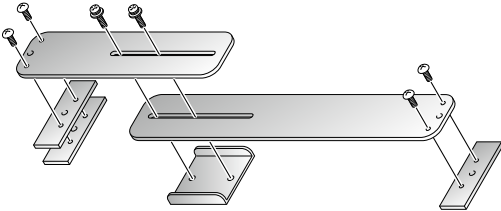
Middle Supporter : BS-000	Middle Supporter L-Type : BSL2-000 Middle Supporter Reinforced Type : BSW2-0000
	
Middle Supporter L-Type : BSLA / BSWA	Middle Supporter L-Type : BSLB-000 Middle Supporter Reinforced Type : BSWB-0000
	

Middle Sash : BFS



Connecting Stay : BFSC-A~F	Spacer
	
	Joint
	

Example: Connecting Stay A
Connecting Stay C
Spacer x 3
Joint x 1



(TSI-2007-1003)

Middle Supporter : BS-000 / Middle Supporter L-Type : BSL2-000 / BSLB-000

Item No.	Length (Z)	Model	Remarks		
BS - 360	405	TEMX-C (360)	For BFF2 Only		
- 450C	493	TFGN-(C) (450)			
- 450D	523	TCMX-(MIX) (450)			
- 450E	497	TFMX-II(C) (450)			
- 550C	593	TFGN (550)			
- 680C	723	TFGN (680)			
- 680D	753	TCMX-(MIX) (680)			
BSL2 - 750	793	TFGN/TLMX (750)			
- 850	893	TFGN/TLMX (850)			
BSLB - 750	793	TFGN/TLMX (750)			
- 850	893	TFGN/TLMX (850)			
Fastening only (A)+(A')		Part No.: 930100600T00			

Middle Supporter Reinforced Type : BSW2-0000 / BSWB-0000

Item No.	Length (Z)	Model	Remarks		
BSW2 - 950	993	TFGN/TFKN	For BFF2 Only		
- 1000	1,043				
- 1200	1,243				
- 1500	1,543				
BSWB - 950	993	TFGN	For BFF3 Only		
- 1000	1,043				
- 1200	1,243				
- 1500	1,543				
Fastening only (B)+(B')					

Middle Supporter L-Type : BSLA/BSWA

Item No.	Model	Remarks		
BSLA - 450A / B / C	The final letter of the Item No. means: A for TFGN B for TCMX C for TFMX	For BFEA Only		
- 550A / B				
- 680A / B				
- 750A / B				
BSWA - 950A / B				
- 1000A / B				
- 1200A / B				
- 1500A / B				

Middle Sash : BFS

Item No.	Border Frame Inner Length	Remarks		
BFS	~ 3,500			
	3,501 ~ 4,200			
	4,201 ~ 5,100			
	5,101 ~ 6,000			
	6,001 ~ 6,900			
	6,901 ~ 8,000			
	8,001 ~ 9,000			
	9,001 ~			

Connecting Stay : BFSC-A~F

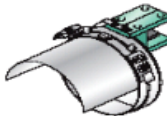
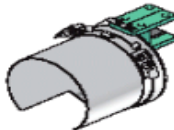
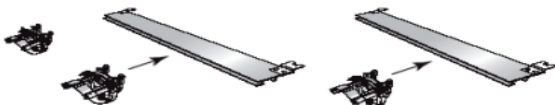
Item No.	Part No.	Full Length (mm)	Adjustable Length (mm)		
BFSC - A	0G031005A001	162	80		
- B	0G031005B001	249	80		
- C	0G031005C001	326	80		
- D	0G031005D001	420	80		
- E	0G031005E001	545	80		
- F	0G031005F001	715	100		
Spacer	0G0310070000				
Joint	0G0310060000				

COMPARISON LIST – CAP FRAME

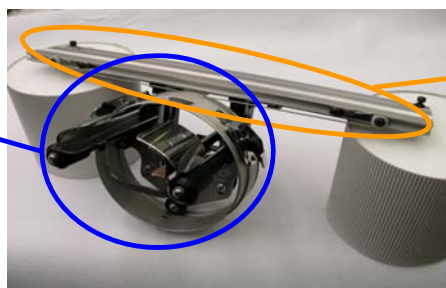
		Cap Frame <u>you want to use in addition</u>				
		Wide Cap Frame			Semi-wide Cap Frame	
						
		TCW-360	TCW-300	TCW-300B	TCW-180	TCW-180R
Cap Frame <u>you have with machine</u>	TCW-360		TCW-300 H x 2pcs.	TCW-300B H x 2pcs. BGWB H x 1pce. CGWR-300B 1pce.	TCW-180 H x 2pcs. CGWR-180B 1pce.	TCW-180R H x 2pcs. CGWR-180B 1pce.
	TCW-300	TCW-360 H x 2pcs.		TCW-300B H x 2pcs. BGWB H x 1pce. CGWR-300B 1pce.	TCW-180 H x 2pcs. CGWR-180B 1pce.	TCW-180R H x 2pcs. CGWR-180B 1pce.
	TCW-300B	TCW-360 H x 2pcs. BGWU H x 1pce. CGWR-360B 1 pce.	TCW-300 H x 2pcs. BGWU H x 1pce. CGWR-360B 1pce.		TCW-180 H x 2pcs. BGWU H x 1pce. CGWR-180B 1pce.	TCW-180R H x 2pcs. BGWU H x 1pce. CGWR-180B 1pce.
	TCW-180	TCW-360 H x 2pcs. CGWR-360B 1pce.	TCW-300 H x 2pcs. CGWR-360B 1pce.	TCW-300B H x 2pcs. BGWB H x 1pce. CGWR-300B 1pce.		TCW-180R H x 2pcs.
	TCW-180R	TCW-360 H x 2pcs. CGWR-360B 1pce.	TCW-300 H x 2pcs. CGWR-360B 1pce.	TCW-300B H x 2pcs. BGWB H x 1pce. CGWR-300B 1pce.	TCW-180 H x 2pcs.	

Specification	TCW-360	TCW-300	TCW-300B	TCW-180	TCW-180R
Diameter (inner)	150	150	130	150	150
Embroidery space in X	360	300	300	180	180
Embroidery space in Y	75	75	75	83	83 (at center)

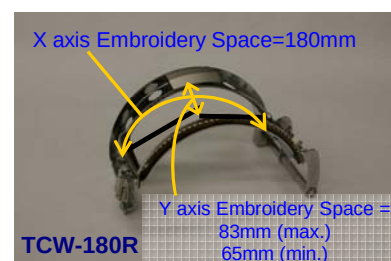
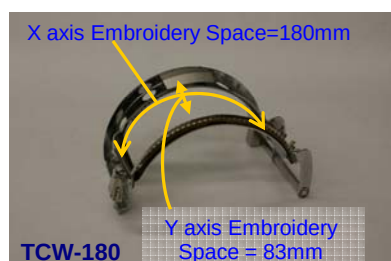
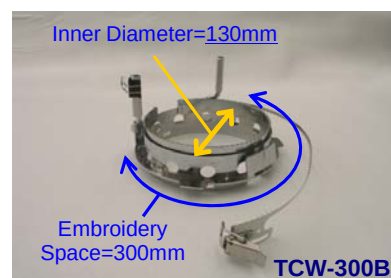
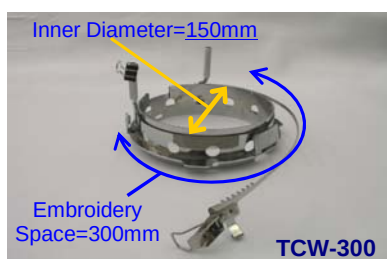
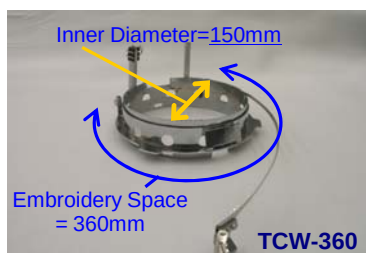
USE OF CAP FRAMES

Size of cap (circle) in "cm"		52 and over		50 to 56	48 to 56		
General Category		Cap for Adult			Cap for Child	Cap for Baby	
Type of cap (profile)		High Mount   		Normal 	Low	Normal	
Type of Cap Frame		Semi-wide Cap Frame		Wide Cap Frame			
Components	Cap Frame	TCW-180	TCW-180R	TCW-360	TCW-300	TCW-300B	
	Refer to the bottom pictures for details of each frame types.						
	Frame Setting Gauge	CGWR-180 		CGWR-360 		CGWR-300	
	Drive Ring	BGWB 				BGWU 	
	Cap Frame Base / Uni-Type BWU-02, BWU-01: TFGN-C, TFMX-2C, TEMX-C BWUX-01: TFMX-C, TEJT-2C	BWU-02 BWU-01 BWU(X)-01 					

Drive Ring
BGWB / BGWU
(BGWB shown on this picture)

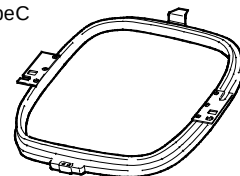
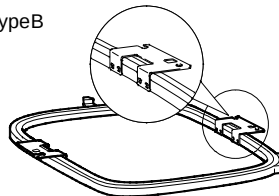
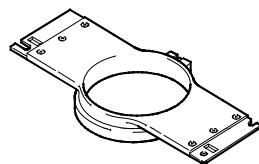
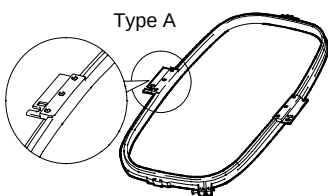


Cap Frame Base / Uni-type
BWU-02 / BWU-01 / BWU(X)-01
(BWU(X)-01 shown on this picture)



TUBULAR GOODS FRAMES APPLICATION LIST

TFA	Internal Dimension (mm)	TEMX-C Multi head		TFMX II - C		TFGN-C/TFMX-C					TFMX-C (Single head)	TEJT II - C (NEO) TEMX-C (Single head)	Inner Height (mm)	Type of Arm
		360	500	360	500	360	400	460	500	530	520	500		
TFA:70	58	○	○	○	○	○	○	○	○	○	○	○	21	A
TFA:90	78	○	○	○	○	○	○	○	○	○	○	○	21	A
TFA:120	108	○	○	○	○	○	○	○	○	○	○	○	21	A
TFA:150	136	○	○	○	○	○	○	○	○	○	○	○	21	A
TFA:180	166	○	○	○	○	○	○	○	○	○	○	○	21	A
TFA:210	196	○	○	○	○	○	○	○	○	○	○	○	21	A
TFA:200*115	190X102	○	○	○	○	○	○	○	○	○	○	○	21	A
TFA2:240*240	228X228	○	○	○	○	○	○	○	○	○	○	○	21(360) 10(275)	A(360) B(275)
TFA:260*335	236X309	○	○	○	○	○	○	○	○	○	○	○	10	B
TFA:335*335	310X310	○	○	○	○	○	○	○	○	○	○	○	10	B
TFA:310*380	290X360	×	×	×	○	×	×	○	○	○	×	×	10	B
TFA2:335*329	300X299	○	○	○	○	○	○	○	○	○	○	○	21	C
TFA2:340*310	304X275	○	○	○	○	○	○	○	○	○	○	○	21	A
TFA:380*310	360X290	○	○	○	○	○	○	○	○	○	○	○	10	B
TFA2:335*453	300X423	×	○	×	○	×	×	×	○	○	○	○	21	C
TFA:320*450	284X435	×	○	×	○	×	×	×	○	○	○	○	10	B
TFA2:413*239	378X209	○	○	○	○	○	○	○	○	○	○	○	21	C
TFA2:413*342	380X314	○	○	○	○	○	○	○	○	○	○	○	10	B
TFA2:413*467	380X435	×	○	×	○	×	×	×	○	○	○	○	21	C
TFA:395*450	357X412	×	○	×	○	×	×	×	○	○	○	○	10	B
TFA2:410*575	379X539	×	×	×	×	×	×	×	×	×	○	○	21	C
TFA:450*230	435X185	×	×	×	×	×	×	×	×	×	×	×	10	B
TFA:450*320	435X284	×	×	○	○	○	○	○	○	○	○	×	10	B
TFA:450*395	412X357	×	×	×	○	×	×	○	○	○	×	×	10	B
TFA2:475*410	439X379	×	×	×	○	×	×	○	○	○	×	×	21	A
TFA2:480*451	439X419	×	×	×	○	×	×	×	○	○	○	×	21	A
TFA2:480*481	439X449	×	×	×	×	×	×	×	×	○	×	×	21	A
TFA2:475*310	439X279	×	×	○	○	○	○	○	○	○	○	×	21	A
Holder Base		360 Fixed	360 500	360 Fixed	360 460 500	360 Fixed	360 400	360 460	360 460 500	360 460 500 530	360 500	360 500		



AMOUNT OF CLIPS USED FOR AN ALUMINIUM SQUARE FRAME

OG052015****

Emb. Space - 34 = Inner size (mm)

Y-axis Emb. space	Clip															
	100	150	162	170	180	200	210	220	230	250	260	270	280	290	300	
680							4	2								
750							2			4						
800								2				4				
850												6				
900											2				4	
950								2	6							
1000							2			6						
1100								2					6			
1200											2				6	
1500											2				6	

Emb. Space - 60 = Inner size (mm)

X-axis Emb. space	Clip															
	100	150	162	170	180	200	210	220	230	250	260	270	280	290	300	
240					2											
275							2									
300									2							
330												2				
345													2			
360															2	
400				4												
450					2	2										
480							4									
500								4								
550									2		2					
570							2								2	
600									2						2	
615												4				
645														4		
660															4	
680															4	
700							4	2								
750									6							
800									2	4						
900													6			

AMOUNT OF CLIPS USED FOR AN ALUMINIUM SQUARE FRAME

OG052015****

For TCMX

Emb. Space - 4 = Inner size (mm)

Y-axis Emb. space	Clip														
	100	150	162	170	180	200	210	220	230	250	260	270	280	290	300
680								4	2						
750								4							2
800								2				2			2
850													6		
900														2	4
950							4	2							2
1000									6						2
1100								2				2			4
1200														2	6

* X-axis emb. Space for TCMX is same manner as for the other models.