

	Fixing ties for panel thickness								Fixing ties				Fixing elements					
	< 1mm		1 - 2 mm		2 - 3 mm		> 3 mm		One piece		Two piece		Bundling clip		For tubes		Connector clip	
Hole-Ø < 6,3 mm	T50SST5	37	T30RSF(U)	38	T50SL6	40	T50RSF(E)	38	T50SST5	37	T30RFT5	47	LRJ1	83				
	T30RSF(U)	38	T18RSF	40	T50SL7	40	T80RSFT	44	T30RSF(U)	38	T50RFT5	47						
	T50SSL5	40	T50SFFM	40	YQR10050	40	T18RDP5	46	T50RSF(E)	38	T50SFT5	47						
	T50SL5	40	T50RSFM	40	RT50RSF	41			T18RSF	40								
	T50SSP	44	T50VSL5	40	RT50SL7	41			T50SFFM	40								
	T50RSP	44	T50SSL5	40	RT50SFK	41			T50RSFM	40								
	T30RFT5	47	T50SL5	40	T30RFT5	47			T50VSL5	40								
	T50RFT5	47	T50SSP	44	T50RFT5	47			T50SSL5	40								
	T50SFT5	47	T50RSP	44	T50SFT5	47			T50SL5	40								
			T80RSFT	44	T50SOSFT6E	46			RT18RSF	41								
			T30RFT5	47	T50SDP6	46			T50SSP	44								
			T50RFT5	47	FT220DP7	46			T50RSP	44								
			T50SFT5	47	T50SFT7	48			T80RSFT	44								
					T50RFT8	48			T18RDP5	46								
					T50RFT10	48												
					T30RSF(U)	38												
					T50RSF(E)	38												
					T18RSF	40												
					T50RSFM	40												
					T50VSL5	40												
				T50SSL5	40													
				T50SL5	40													
				T80RSFT	44													
				T50SFFM	40													
Hole-Ø 6,3 - 6,7 mm	T50SD6	37	T50SD6	37	T30RSF(U)	38	T50RSF (U)	38	T50SD6	37	T50SSFT6.5	45	CHA1	80	CTC4.5FT6	91	YCC-FT6-S	89
	T50SOSFT6.5E-MD	37	T50SOSFT6.5E-MD	37	T50RSF(E)	38	T50RSF (E)	38	RT50SFK	41	T50RSFT6.5	45	CHA1.5	80	CTC7.5FT6	91	YCCFT6S-2	89
	RT50SD6	37	T50SST5	37	T18RSF	40	T50SDP6	46	T50SST5	37	T50RDHSFT6.5	45	CHA2	80	CTC10FT6	91	FT6LG.M.St.Aufn.II	89
	T50SSL5	40	T50RSF(U)	38	T50SFFM	40	REL30SDP6	46	T50SOSFT6.5E-MD	37	T80ISFT6.5	45	TC2FT6LG	81	CTC13FT6	91	FT6LG-AMP	89
	T50SL6	40	T50SFFM	40	T50RSFM	40	T30LFT6LG	47	T80RSF6.5F	43	T18RFT6	47	TC4FT6LG	81	OCTCSFT6.5	93	FT6LG.M.Steckeraufn.	89
	RT50RSF	41	T50SOSFT6.5E	37	T50VSL5	40	T30RFT6LG	47	T50SOSFT6.5E	37	T30LFT6LG	47	TC3FT6LG	81			FT6S-Y-Conn-TS	89
	T80RSF6.5F	43	T50RSFM	40	T50SSL5	40	T50RFT6LG	47	T80SFF6.5F	43	T30LRF6	47	TC5FT6S	81			FT6LG.Yaz.Connect-TS	89
	T80SFF6.5F	43	T50SSL5	40	T50SL5	40	T80IFT6LG	48	RT50SD6	37	T30RFT6	47	CHDP66	81			Big YCC TS	89
	T50SST5	37	T50SL6	40	RT50SFK	41	T50SFT7	48	T50RSF(U)	38	T30RFT6LG	47	TCDSFT6-HEX	81			FT6LG.JAE.Connect.TS	89
	T50RSP	44	RT50SFK	41	T80RSFT	44	T50RFT7	48	T50RSF(E)	38	T50RDHFT6	47	CH20D6	82			Steckerhalter Sitz	89
	T50SFT6.5	45	T80RSF6.5F	43	T30RFT5	47	FBS100	41	T50SFFM	40	T50RFT6	47	COW20DP7	82			BigConnectorClip	89
	T50RSFT6.5	45	T80SFF6.5F	43	T50RFT5	47	FBS140	41	T50RSFM	40	T50RFT6LG	47	COW30DP7	82				
	T50RDHSFT6.5	45	T50SSP	44	T50SFT5	47	FBS185	41	T50SL6	40	T50ROSFT6	47	SFT6SD163	83				
	T80ISFT6.5	45	T50RSP	44	T50SOSFT6.5E	37			T50SSP	44	T50SFT6	47	Anwickelteil	83				
	T50RSFT6.5D18	45	T50SFT6.5	45	T50SL6	40			T50RSP	44	T50SFT6LG	48	Halter SFT6.5	83				
	T50SOSFT6E	46	T50RSFT6.5	45	FBS100	41			T80RSFT	44	T50ROSFT6SD	48	SOC	84				
	T50SDP6	46	T50RDHSFT6.5	45	FBS140	41			T50SOSFT6E	46	T80LFT6	48	SOC2	84				
	T18RFT6	47	T80ISFT6.5	45	FBS185	41			T50SDP6	46	T80IFT6	48	SOC4	85				
	T30LFT6LG	47	T50RSFT6.5D18	45	T80RSF6.5F	43			REL30SDP6	46	T80IFT6LG	48	SOC5	85				
	T30LRF6	47	T50SOSFT6E-MOD	46	T80RSF6.5FW	43			FBS100	41	T50SFT7	48	SOC6	85				
	T30RFT6	47	T50SDP6	46	T80SFF6.5F	43			FBS140	41	T50RFT7	48						
	T30RFT6LG	47	T18RFT6	47	T50SOSFT6E	46			FBS185	41								
	T50RDHFT6	47	T30LFT6LG	47	T50SDP6	46			T80RSF6.5FW	43								
	T50RFT6	47	T30LRF6	47	T18RFT6	47												
	T50RFT6LG	47	T30RFT6	47	T30LFT6LG	47												
	T50ROSFT6	47	T30RFT6LG	47	T30LRF6	47												
	T50SFT6	47	T50RDHFT6	47	T30RFT6	47												
	T50SFT6LG	48	T50RFT6	47	T30RFT6LG	47												
	T50ROSFT6SD	48	T50RFT6LG	47	T50RDHFT6	47												
	T80LFT6	48	T50ROSFT6	47	T50RFT6	47												
	T80IFT6	48	T50SFT6	47	T50RFT6LG	47												
	T80IFT6LG	48	T50SFT6LG	48	T50ROSFT6	47												
	T50SFT7	48	T50ROSFT6SD	48	T50SFT6	47												
	T50RFT7	48	T80LFT6	48	T50SFT6LG	48												
	FBS100	41	T80IFT6	48	T50ROSFT6SD	48												
	FBS140	41	T80IFT6LG	48	T80LFT6	48												
	FBS185	41	T50SFT7	48	T80IFT6	48												
	T80RSF6.5FW	43	T50RFT7	48	T80IFT6LG	48												
	T50SSP	44	FBS100	41	T50SFT7	48												
			FBS140	41	T50RFT7	48												
		FBS185	41															
		T80RSF6.5FW	43															

	Fixing ties for panel thickness								Fixing ties			Fixing elements							
	< 1 mm	1 - 2 mm	2 - 3 mm	> 3 mm	One piece	Two piece	Bundling clip	For tubes	Connector clip										
Hole-Ø > 6,7 mm	T50MD7	37	T50MD7	37	T30RSF(U)	38	YQR10050	40	T50SD6	46	T18RFT6	47	CHA1	80	CTC7.5FT9	91	YCC-FT6-5	89	
	T50SL6	40	T50SL6	40	T50RSF(E)	38	T50SDP6	46	T50MD7	37	T30LFT6LG	47	CHA1.5	80	CTC10FT9	91	YCCFT6S-2	89	
	T50SL7	40	T50SL7	40	T18RSF	40	FT220DP7	46	RT50SD6	37	T30LRTF6	47	CHA2	80	CTC22FT9	91	FT6LG M.St.Aufn.II	89	
	RT50RSF	41	YQR10050	40	T50SFFM	40	REL30SDP6	46	T50RSF(U)	38	T30RFT6	47	CH20D7	82	CTCLprofile	93	FT6LG-AMP	89	
	RT50SFK	41	RT50RSF	41	T50RSFM	40	T30LFT6LG	47	T50SL6	40	T30RFT6LG	47	COW20DP7	82			FT6LG.M.Steckeraufn.	89	
	T50RSFT6.5D18	45	RT50SFK	41	T50VSL5	40	T30RFT6LG	47	T50SL7	40	T50RDHFT6	47	COW30DP7	82			FT6S-Y-Conn-TS	89	
	T50SOSFT6E	46	T50RSFT6.5D18	45	T50SSL5	40	T50RFT6LG	47	YQR10050	40	T50RFT6	47	SOC	84			FT6LG.Yaz.Connect-TS	89	
	T50SDP6	46	T50SOSFT6E-MOD	46	T50SL6	40	T50SFT6LG	48	RT50SL7	41	T50RFT6LG	47	SOC2	84			Big YCC TS	89	
	FT220DP7	46	T50SDP6	46	T50SL7	40	T80IFT6LG	48	RT50RSF	41	T50ROSFT6	47	SOC4	85			FT6LG.JAEConnectTS	89	
	T18RFT6	47	FT220DP7	46	RT18RSF	41	T50SFT7	48	T50SOSFT6E	46	T50SFT6	47	SOC5	85			Steckerhalter Sitz	89	
	T30LFT6LG	47	T18RFT6	47	YQR10050	40	T50RFT7	48	T50SDP6	46	T50SFT6LG	48	SOC6	85					
	T30LRTF6	47	T30LFT6LG	47	RT50RSF	41	T50RFT8	48	FT220DP7	46	T50ROSFT6SD	48							
	T30RFT6	47	T30LRTF6LG	47	RT50SL	41	T120IFT9	48	REL30SDP6	46	T80LFT6	48							
	T30RFT6LG	47	T30RFT6	47	T50SDP6	46	T50RFT10	48			T80IFT6	48							
	T50RDHFT6	47	T30RFT6LG	47	FT220DP7	46					T80IFT6LG	48							
	T50RFT6	47	T50RDHFT6	47	T18RFT6	47					T50SFT7	48							
	T50RFT6LG	47	T50RFT6	47	T30LFT6LG	47					T50RFT7	48							
	T50ROSFT6	47	T50RFT6LG	47	T30LRTF6	47					T50RFT8	48							
	T50SFT6	47	T50ROSFT6	47	T30RFT6	47					T120IFT9	48							
	T50SFT6LG	48	T50SFT6	48	T30RFT6LG	47					T50RFT10	48							
	T50ROSFT6SD	48	T50SFT6LG	48	T50RDHFT6	47													
	T80LFT6	48	T50ROSFT6SD	48	T50RFT6	47													
	T80IFT6	48	T80LFT6	48	T50RFT6LG	47													
	T80IFT6LG	48	T80IFT6	48	T50ROSFT6	47													
	T50SFT7	48	T80IFT6LG	48	T50SFT6	47													
	T50RFT7	48	T50RFT7	48	T50SFT6LG	48													
	T50RFT8	48	T50SFT7	48	T50ROSFT6SD	48													
	T50RFT10	48	T50RFT8	48	T80LFT6	48													
	RT50SD6	37	T50RFT10	37	T80IFT6	48													
			RT50SD6	46	T80IFT6LG	48													
					T50SFT7	48													
					T50RFT7	48													
				T50RFT8	48														
				T50RFT10	48														
Oval hole	T50SDOP	37	T50SDOP	37	T80RFT6x12	40	T50SOS2DOP	46	T50SDOP	37			Wickelclip VDS	81	RCDD21	93	YCCFT82x185	90	
	T50SDOR	37	T50SDOR	37	T50SOS2DOP	46			T50SDOR	37			TCOP62x122	81	RCDD24	93	YCCFT62x122	90	
	T80RFT6x12	40	T80RFT6x12	40					T80RFT6x12	40			TCOP70x120	81	CDD28	93	CC03	90	
	T50SOS2DOP	46	T50SOS2DOP	46					T50SOS2DOP	46							CC04	90	
																		Steckeraufn.LLFuB	90
																		CCSFT7x12	90
																		YCCSFT62122	90
																	BigConnectorClip	89	

	Fixing ties for panel thickness				Fixing ties			Fixing elements						
	< 1mm	1 - 2 mm	2 - 3 mm	> 3 mm	One piece	Two piece	Bundling clip	For tubes	Connector clip	Weld stud				
Panel thickness 1,0-3,0 mm					T50SOSEC12	63	T30REC4A	62	EC14	66	EC27	68	EC6mod	65
					T50SOSEC13	63	T50ROSEC4A	62	EC15	66	EC39	68	EC42	65
					T50SOSEC34E	63	T30REC4B	62	EC16	66			EC43	65
					T40XEC5E	63	T50ROSEC4B	62	EC17	66			EC25	65
							T50ROSEC5A	62	EC30	66			EC45	65
							T50ROSEC5B	62	EC31	66			EC JAE CC	65
							T50ROSEC9	62					EC28	65
							T50ROSEC10	62					EC33	65
							T50ROSEC21	62						
							T50ROSEC22	62						
							T50ROSEC2.5A	69						
							T50REC2.5B	69						
	Panel thickness > 3,0 mm							T50ROSEC19	64			EC41	68	
							T50ROSEC20	64						
							T50ROSEC23	64						
							T50ROSEC24	64						
							ATSEC35	101						
							ATSEC36	101						
							ATSEC37	101						
						ATSEC38	101							

Fixing elements									
Stand off clips	Fir tree	Arrow head	Edge clip	Temperature > 125° C	For convoluted tubing	Small diameter	For distance adjustment		
EC30	66		T30REC4B	62	T50SOSEC12E	63	T50ROSEC9	62	
EC31	66		T50ROSEC4B	62	T50SOSEC13E	63	T50ROSEC10	62	
			T50ROSEC5A	62	T50SOSEC34E	63	T50ROSEC21	62	
			T50ROSEC5B	62			T50ROSEC22	62	
			T50ROSEC9	62			T50SOSEC12E	63	
			T50ROSEC10	62			T50SOSEC13E	63	
			T50ROSEC21	62			T50SOSEC34E	63	
			T50ROSEC22	62			ATSEC35	101	
			T50SOSEC12E	63			ATSEC36	101	
			T50SOSEC13E	63			ATSEC37	101	
			T50SOSEC34	63			ATSEC38	101	
			T40XEC55P-E	63					
			EC6mod	65					
			EC42	65					
			EC43	65					
			EC25	65					
			EC45	65					
			EC JAE CC	65					
			EC28	65					
			EC33	65					
			EC32	65					
			EC14	66					
			EC15	66					
			EC16	66					
			EC17	66					
			EC30	66					
			EC31	66					
			CBT30MR	67					
			EC27	68					
			EC39	68					
			T50ROSEC2.5A	69					
			T50REC2.5B	69					
			ATSEC35	101					
			ATSEC36	101					
			ATSEC37	101					
			ATSEC38	101					
			T50ROSEC19	64			T50ROSEC19	64	
			T50ROSEC20	64			T50ROSEC20	64	
			T50ROSEC23	64			T50ROSEC23	64	
			T50ROSEC24	64			T50ROSEC24	64	
			CBT050R	67			ATSEC35	101	
			EC41	68			ATSEC36	101	
			ATSEC35	101			ATSEC37	101	
			ATSEC36	101			ATSEC38	101	
			ATSEC37	101					
			ATSEC38	101					

	For Panel thickness						Fixing ties		Fixing elements			
	< 1mm	1 - 2 mm	2 - 3 mm	> 3 mm	One piece	Two piece	Bundling clip	For tubes	Connector clip			
Bundling clip L ≤ 40	TC4FT6LG	81 TC4FT6LG	81 TC4FT6LG	81 Halter SFT6.5	83		EC14	66				
	TC3FT5	81 TC3FT5	81 CHDP66	81 OCTC1	83		EC15	66				
	TCSFT6S	81 TCSFT6S	81 TCSFT6-HEX	81 Wickelclip SBS	86		EC16	66				
	CHDP66	81 CHDP66	81 Wickelclip VDS	81			EC17	66				
	TCSFT6-HEX	81 TCSFT6-HEX	81				TC4FT6LG	81				
	Wickeclip VDS	81 Wickeclip VDS	81				TC3FT6S	81				
Bundling clip L ≤ 55	CHA1	80 CHA1	80 TCOP62x122	81 TCOP62x122	81		EC30	66		Connector Clip	88	
	CHA1.5	80 CHA1.5	80 TCOP70x120	81 TCOP70x120	81		CHA1	80		YAZConnTapeClip	88	
	CHA2	80 CHA2	80 TC2FT6LG	81 TC2FT6LG	81		CHA1.5	80				
	TCSFT6.5CHAMD	80 TCSFT6.5CHAMD	80 COW20DP7	82			CHA2	80				
	TC2FT6LG	81 TC2FT6LG	81 COW30DP7	82			TCSFT6.5CHAMD	80				
	TCOP62x122	81 TCOP62x122	81				TC2FT6LG	81				
	TCOP70x120	81 TCOP70x120	81				TCOP62x122	81				
	CH20D6	82 CH20D6	82				TCOP70x120	81				
	CH20D7	82 CH20D7	82				CH20D6	82				
	COW20DP7	82 COW20DP7	82				CH20D7	82				
	COW30DP7	82 COW30DP7	82				COW20DP7	82				
							COW30DP7	82				
							SFT65D163	83				
							Anwickelteil	83				
Bundling clip L ≤ 60							LRJ1	83				
							SOC4	85				
							SOC5	85				
							SOC6	85				
							TCSB5CYCC	86				
							TC-SB5C	86				
							BC2212	87				
							BC30	87				
							Connector Clip	88				
							YAZConnTapeClip	88				
Yazaki-Connector clip	YCC-FT6-S	89 YCC-FT6-S	89 FT6LG.M.Steckeraufn.	89 FT6LG.M.Steckeraufn.	89		EC31	66	Halter SFT6.5	83		
	YCCFT6-S2	89 YCCFT6-S2	89 FT6LG.Yaz.Connect-TS	89 FT6LG.Yaz.Connect-TS	89		Halter SFT6.5	83	OCTC1	83		
	FT6LG.M.St.Aufn.II	89 FT6LG.M.St.Aufn.II	89 YCCFT62x122	90 YCCFT62x122	90		OCTC1	83	Wickelclip-SB5	86		
	FT6LG.M.Steckeraufn.	89 FT6LG.M.Steckeraufn.	89 CC03	90 CC03	90		Wickelclip-SB5	86				
	FT6S-Y-Conn-TS	89 FT6S-Y-Conn-TS	89 CC04	90 CC04	90		Connector Clip	88			EC6mod	
	FT6LG.Yaz.Connect-TS	89 FT6LG.Yaz.Connect-TS	89				YazConnTapeClip	88			EC42	
	YCCFT62x122	90 YCCFT62x122	90								EC43	
	CC03	90 CC03	90								TCSB5CYCC	
	CC04	90 CC04	90								Connector Clip	
	YCCFT62Y122	90 YCCFT62Y122	90								YCC-FT6-S	
AMP - Connector Clip	FT6LG-AMP	89 FT6LG-AMP	89 FT6LG-AMP	89 FT6LG-AMP	89						YCCFT6S-2	
	Steckerhalter Sitz	89 Steckerhalter Sitz	89 Steckerhalter Sitz	89							FT6LG.M.St.Aufn.II	
	CCSFT7x12	90 Steckerhern.LL.FuB	90								FT6LG.M.Steckeraufn.	
		90 CCSFT7x12	90								FT6S-Y-Conn-TS	
JAE - Connector clip	BigConnectorClip	89 BigConnectorClip	89 BigConnectorClip	89							YCCFT82x185	
											YCCFT62x122	
											CC03	
											CC04	
others	Big YCC TS	89 Big YCC TS	89 Big YCC TS	89 Big YCC TS	89						YCCSFT62122	
											EC28	
											EC33	
											FT6LG-AMP	
											Steckerhalter Sitz	
											Steckerhern.LL.FuB	
											CCSFT7x12	
											EC45	
											EC JAE CC	
											EC32	
											FT6LGJAEConnect.TS	
											EC25	
											Big YCC TS	
											BigConnectorClip	

	Fixing ties for panel thickness				Fixing ties			Fixing elements							
	< 1 mm	1 - 2 mm	2 - 3 mm	> 3 mm	One piece	Two piece	Bundling clip	For tubes	Connector clip						
Weld stud-Ø	= 5 mm				T50SOSBH5E	49	T30RSBH5	56	Wickelclip SB5	86	Wickelclip SB5	86	TCSB5CYCC	86	
					T50SBS55OTE	49	T50RSBH5	56	TCSB5CYCC	86					
					T50SOSBS5E	50	T50ROSSBH5SD	56	TCSB5C	86					
					T50SOSWSP5E-2	50	T80ISBH5	56	BC2212	87					
					FBB100	52	T30RSBS5	56	BC30	87					
					FBB100M	52	T50ROSSBS5	56							
					FBB140	52	T50RSBS5	56							
					FBB140M	52	T50SSBS5	56							
					FBB185	52	T80ISBS5	56							
					FBB185M	52	T30RSB5	56							
					SBR5	52	T50SSB5	56							
					T50RS5	55	T50RSB5	56							
					RT50RS5	55	T50ROSSB5	56							
					SBS9/230	55	T50SDSB5	57							
					SB9/230	55	T50ROSDSB5	57							
					SB14/172	55									
					SB14/230	55									
		= 6 mm					T50SOSB6HE	50					CTC4.5SB56	92	
							WSS250	51					CTC7.5SB56	92	
							WSI250	51					CTC10SB56	92	
					WSR250	51					CTC13SB56	92			
					DCT9	53					CTC17SB56	92			
					DCT11	53									
= 8 mm					SBR85	52									
					SDCTR312	54									
= 9 mm					WSS380	51									
					WSI380	51									
					WSR380	51									
Nominal width	≤ 5 mm				Bracket pipe line	60	T50SVC4	58			T50SVC4	58			
							T50SVC5	58			T50SVC5	58			
								T50ROC1A	59			Bracket KBL5	60		
												Bracket pipe line	60		
												Cable Clip	60		
												CTC4.5FT6LG	91		
	≤ 8 mm							T50SVC65	58			T50SVC65	58		
								T50ROC1A	59			EC41	68		
								T30ROC2	59			T30ROC2	59		
	≤ 10-14 mm											CTC7.5FT6LG	91		
								T50ROC1A	59	OCTC1	83	T50MVCOC10-4	59		
								T50SMVCOC1014	59	Halter SFT6.5	83	T50ROC10-14CBTO-SD	59		
							T50ROC10-14CBTO-SD-SET	59	Wickelclip SB5	86	CTC10F	91			
≤ 15-18 mm											T50ROC1A	59			
											CTC13FT6	91			
							T50SMVCOC1518	59			T50SMVCOC1518	59			
							T50ROC15-18CBTO-SD-SET	59			T50ROC15-18CBTO-SD-SET	59			
≤ 19-24,5 mm											EC27	68			
											EC39	68			
											CTC17SB56	92			
> 24,5 mm							T50SMVCOC1924	59			T50SMVCOC1924	59			
							T50ROCOC19-245CBTO-SD-SET	59			T50ROCOC19-245CBTO-SD-SET	59			
											EC27	68			
											CTC22FT6LG	91			
											CGS1	79			

