



## MULTI-MATIC - Face Fix Tilt and Turn

10 year s warranty

80kg MAX

220-1630mm  
MIN/MAX  
SASH REBATE  
WIDTH

470-2250mm  
MIN/MAX  
SASH REBATE  
HEIGHT

WINDOW WARE  
We've got it  
1987-2017  
30 YEARS



### Have you tried our online tilt and turn kit generator?

We've made ordering tilt and turn kits easy with our online kit generator.

Just log in to your trade account at [windowware.co.uk](http://windowware.co.uk) to get started.

Simply enter the required details to generate a kit in seconds!



Maximum sash weight 80kg  
Minimum/maximum sash rebate width: 220-1630mm  
Minimum/maximum sash rebate height: 470-2250mm

**TOOLS**  
Torx T20 Key  
MAC40680



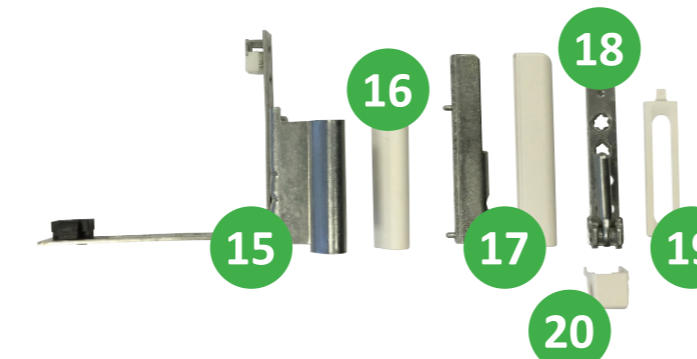
Allen Key 4mm  
MAC41017



Cam Adjustable  
Spanner  
MAC20947



Need a hinge jig?  
Contact our sales team  
for details.



	DESCRIPTION	SASH REBATE WIDTH	SASH REBATE HEIGHT	REQUIRED KEEPS	PART CODE	BOX QTY.	
1	Centre Lock	601-1300mm 1301-1630mm	801-1250mm 1251-2250mm	1 1	MAC201751 MAC201752	20 20	
2	Bottom Corner Element with iS Cam	220-1630mm	-	1	MAC222201	50	
3	Sash Lifter Drive Gear						
3a	6.5mm Backset	- - - -	530-800mm 801-1250mm 1251-1750mm 1751-2250mm	0 1 2 3	MAC202491 MAC209388 MAC209389 MAC209390	20 20 20 20	
3b	15mm Backset	- - - -	470-800mm 801-1250mm 1251-1750mm 1751-2250mm	0 1 2 3	MAC201746 MAC212156 MAC212158 MAC212160	20 20 10 10	
4	Top Front Corner Element						
4a	Short	220-320mm	470-2250mm	1	MAC211975	50	
4b	Standard	321-1300mm	470-2250mm	1	MAC211974	50	
5	Centre Lock Back Corner Element	-	470-2250mm	1	MAC211976	50	
6	Centre Lock	601-1300mm 1301-1630mm	801-1250mm 1251-2250mm	1 1	MAC201751 MAC201752	20 20	
7	Adapter Pieces	-	-	-	MAC352980	100	
Profile Related Keeps - for details please contact our technical department.							
8	Cam Keeps	-	-	-	PROFILE RELATED	200	
9	Tilt First Keep	-	-	-	PROFILE RELATED	100	
10	Sash Lifter Keep	-	-	-	PROFILE RELATED	100	
TOP HINGE 80KG MAX SASH WEIGHT		SASH REBATE WIDTH		REQUIRED KEEPS	PART CODE	BOX QTY.	
11	Rebated Scissor Stay	220-400mm 401-600mm 601-629mm 630-800mm 801-1050mm 1050-1300mm	- - - - - -	0 0 0 1 1 1	MAC212077 MAC212078 MAC212079 MAC212080 MAC212081 MAC212082	10 10 10 10 10 10	
		REBATE	EUROGROOVE	FINISH			
12	Stay Arm Support	20mm 20mm	9mm 13mm	White White	MAC54799 MAC55009	100 100	
	Stay Arm Support Cover	-	-	Brown	MAC42192	100	
13	Top Hinge Pin	-	-	-	MAC94491	200	
14	Top Hinge Frame Bracket Top Hinge Frame Bracket Cover	- -	- -	- White Brown	MAC52480 MAC42083 MAC42189	100 100 100	
BOTTOM HINGE 80KG MAX SASH WEIGHT		REBATE	EURO-GROOVE	HANDLING	FINISH	PART CODE	BOX QTY.
15	Eurogroove Fitting	20mm 20mm 20mm 20mm	9mm 9mm 13mm 13mm	Left Hand Right Hand Left Hand Right Hand	- - - -	MAC54891 MAC54890 MAC54893 MAC54892	100 100 100 100
16	Eurogroove Fitting Cover	- - - -	- - - -	Left Hand Right Hand Left Hand Right Hand	White White Brown Brown	MAC41741 MAC41740 MAC42598 MAC42599	100 100 100 100
17	Face-mounted Square Edge Sash Hinge Face-mounted Square Edge Sash Hinge Cover	- - -	- - -	- - -	- White Brown	MAC52478 MAC42087 MAC42186	100 100 100
18	Pivot Post	-	-	-	-	MAC52483	100
19	Pivot Post Screw Cover	- -	- -	- -	White Brown	MAC41742 MAC42195	100 100
20	Pivot Post Bottom Cover	-	-	-	White Brown	MAC41743 MAC42208	100 100





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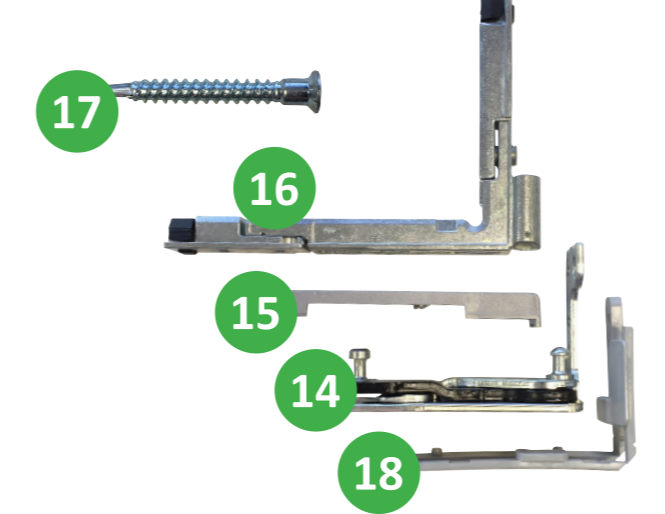


Maximum sash weight 130kg  
 Minimum/maximum sash rebate width: 370-1630mm  
 Minimum/maximum sash rebate height: 470-2250mm

**TOOLS**

- Torx T20 Key  
MAC40680
- Allen Key 4mm  
MAC41017
- Cam Adjustable Spanner  
MAC20947

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	DESCRIPTION	SASH REBATE WIDTH	SASH REBATE HEIGHT	REQUIRED KEEPS	PART CODE	BOX QTY.		
1	Centre Lock	801-1280mm	801-1250mm	1	MAC201751	20		
		1281-1400mm	1251-2250mm	1	MAC201752	20		
2	Bottom Corner Element with iS Cam	370-1400mm	-	1	MAC222201	50		
3	Sash Lifter Drive Gear							
3a	6.5mm Backset	-	530-800mm	0	MAC202491	20		
		-	801-1250mm	1	MAC209388	20		
		-	1251-1750mm	2	MAC209389	20		
		-	1751-2250mm	3	MAC209390	20		
3b	15mm Backset	-	470- 800mm	0	MAC201746	20		
		-	801-1250mm	1	MAC212156	20		
		-	1251-1750mm	2	MAC212158	10		
		-	1751-2250mm	3	MAC212160	10		
4	Top Front Corner Element							
4a	Short	370-489mm	470-2250mm	1	MAC211975	50		
4b	Standard	490-1400mm	470-2250mm	1	MAC211974	50		
5	Centre Lock Back Corner Element	-	801-2250mm	1	MAC211976	50		
6	Centre Lock	601-1300mm	801-1250mm	1	MAC201751	20		
		1301-1630mm	1251-2250mm	1	MAC201752	20		
7	Adapter Pieces	-	-	-	MAC352980	100		
Profile Related Keeps - for details please contact our technical department.								
8	Cam Keeps	-	-	-	PROFILE RELATED	200		
9	Tilt First Keep	-	-	-	PROFILE RELATED	100		
10	Sash Lifter Keep	-	-	-	PROFILE RELATED	100		
TOP HINGE 130KG MAX SASH WEIGHT		SASH REBATE WIDTH	HANDING	REQUIRED KEEPS	PART CODE	BOX QTY.		
11	Scissor Stay Faceplate	600	-	0	MAC217346	20		
		800	-	0	MAC217347	20		
		1050	-	1	MAC217348	20		
		1300	-	1	MAC217349	20		
12	Scissor Stay Arm	9mm Eurogroove	370- 800mm	Right Hand	-	MAC217492	10	
			370- 800mm	Left Hand	-	MAC217493	10	
			801-1400mm	Right Hand	-	MAC217496	10	
			801-1400mm	Left Hand	-	MAC217497	10	
		13mm Eurogroove	370- 800mm	Right Hand	-	MAC217494	10	
			370- 800mm	Left Hand	-	MAC217495	10	
			801-1400mm	Right Hand	-	MAC217498	10	
			801-1400mm	Left Hand	-	MAC217499	10	
13	Profile Related Hinge Packer - Top. For details please contact our technical department.				PROFILE RELATED	100		
BOTTOM HINGE 130KG MAX SASH WEIGHT		SASH REBATE WIDTH	HANDING	REQUIRED KEEPS	PART CODE	BOX QTY.		
14	Frame Fixing Bottom Hinge Invisible Pivot Post	9mm Eurogroove	385-1300mm	Right Hand	-	MAC215816	20	
			385-1300mm	Left Hand	-	MAC215817	20	
		13mm Eurogroove	385-1300mm	Right Hand	-	MAC215814	20	
			385-1300mm	Left Hand	-	MAC215815	20	
		15	Pivot Post Bottom Hinge Cover	-	Right Hand	-	MAC364500	20
				-	Left Hand	-	MAC364501	20
16	Corner Support	9mm Eurogroove	Right Hand	-	MAC215806	20		
			Left Hand	-	MAC215807	20		
		13mm Eurogroove	Right Hand	-	MAC215804	20		
			Left Hand	-	MAC215805	20		
		17	Screws for Hinges	-	-	-	MAC362918	500
		18	Profile Related Hinge Packer - Bottom. For details please contact our technical department.				PROFILE RELATED	100