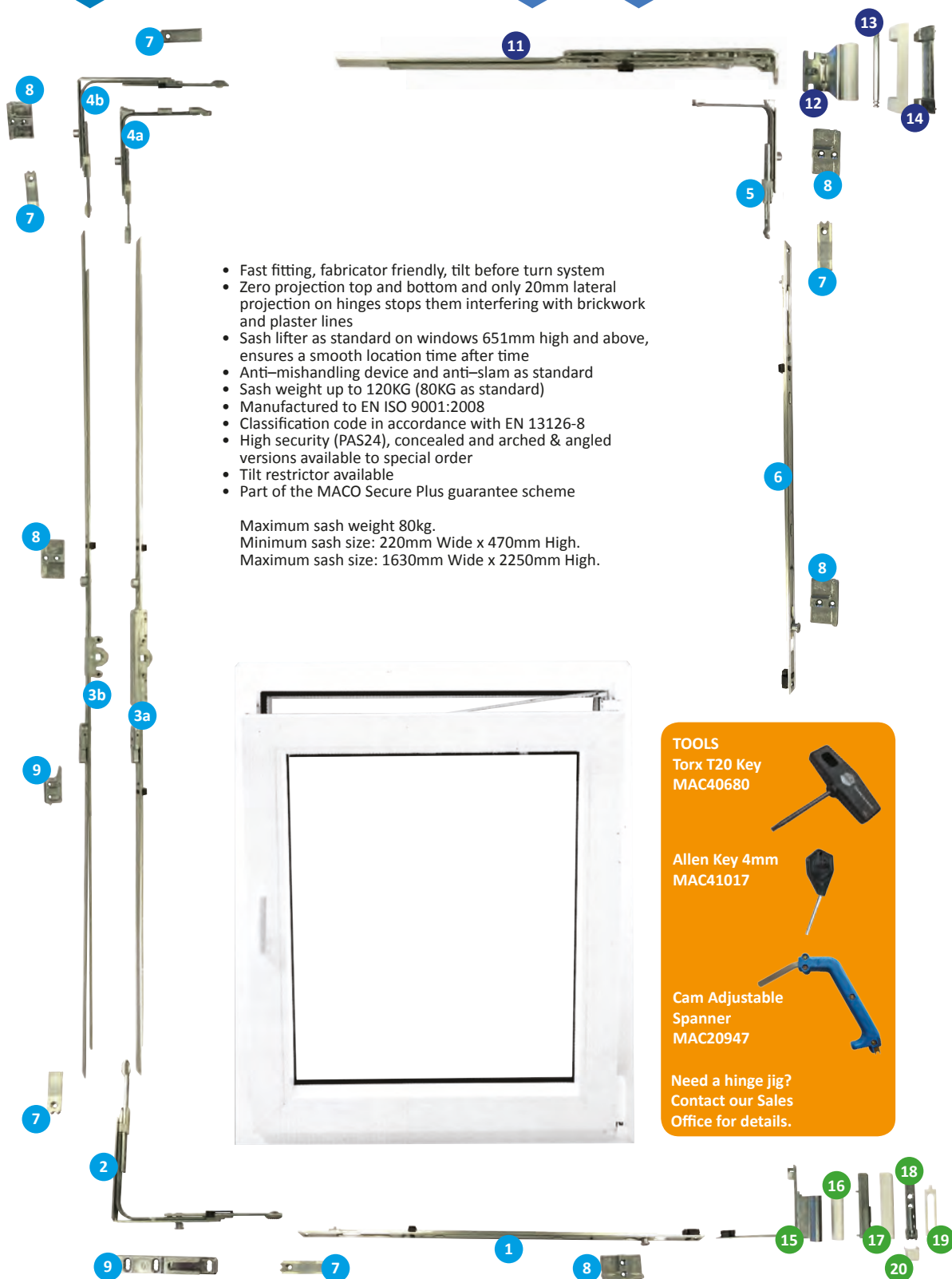




MULTI-MATIC - Face Fix Tilt Before Turn

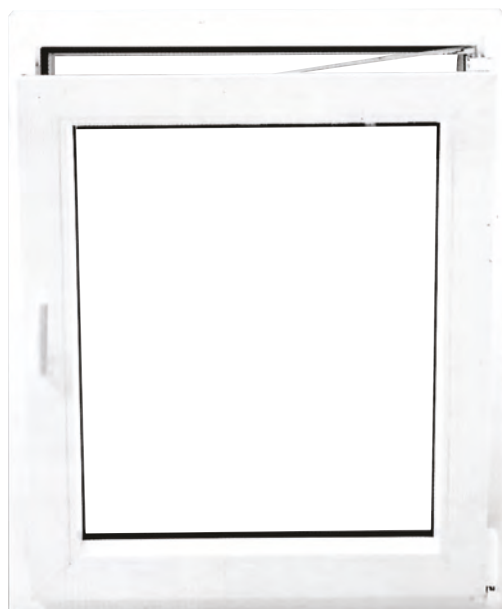


- Fast fitting, fabricator friendly, tilt before turn system
- Zero projection top and bottom and only 20mm lateral projection on hinges stops them interfering with brickwork and plaster lines
- Sash lifter as standard on windows 651mm high and above, ensures a smooth location time after time
- Anti-mishandling device and anti-slam as standard
- Sash weight up to 120KG (80KG as standard)
- Manufactured to EN ISO 9001:2008
- Classification code in accordance with EN 13126-8
- High security (PAS24), concealed and arched & angled versions available to special order
- Tilt restrictor available
- Part of the MACO Secure Plus guarantee scheme

Maximum sash weight 80kg.

Minimum sash size: 220mm Wide x 470mm High.

Maximum sash size: 1630mm Wide x 2250mm High.



TOOLS

Torx T20 Key
MAC40680



Allen Key 4mm
MAC41017



Cam Adjustable
Spanner
MAC20947



Need a hinge jig?
Contact our Sales
Office 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	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	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		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 80KG MAX SASH WEIGHT							
		SASH REBATE WIDTH			REQUIRED KEEPS	PART CODE	BOX QTY.
11	Rebated Scissor Stay	220-400mm			0	MAC212077	10
		401-600mm			0	MAC212078	10
		601-629mm			0	MAC212079	10
		630-800mm			1	MAC212080	10
		801-1050mm			1	MAC212081	10
		1050-1300mm			1	MAC212082	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	-		-	-	MAC52480	100
	Top Hinge Frame Bracket Cover	-		-	White	MAC42083	100
		-		-	Brown	MAC42189	100
BOTTOM HINGE 80KG MAX SASH WEIGHT							
		REBATE	EURO-GROOVE	HANDING	FINISH	PART CODE	BOX QTY.
15	Eurogroove Fitting	20mm	9mm	Left Hand	-	MAC54891	100
		20mm	9mm	Right Hand	-	MAC54890	100
		20mm	13mm	Left Hand	-	MAC54893	100
		20mm	13mm	Right Hand	-	MAC54892	100
16	Eurogroove Fitting Cover	-	-	Left Hand	White	MAC41741	100
		-	-	Right Hand	White	MAC41740	100
		-	-	Left Hand	Brown	MAC42598	100
		-	-	Right Hand	Brown	MAC42599	100
17	Face-mounted Square Edge Sash Hinge	-	-	-	-	MAC52478	100
	Face-mounted Square Edge Sash Hinge Cover	-	-	-	White	MAC42087	100
		-	-	-	Brown	MAC42186	100
18	Pivot Post	-	-	-	-	MAC52483	100
19	Pivot Post Screw Cover	-	-	-	White	MAC41743	100
		-	-	-	Brown	MAC42208	100
20	Pivot Post Bottom Cover	-	-	-	White	MAC41742	100
		-	-	-	Brown	MAC42195	100