



Complete system for the construction of tilt-and-turn windows that is specific



Technical Features

FUTURA 3D A & F

for arched and sloping window types.

Functions

Making a FUTURA 3D Arched and Sloping tilt-and-turn window mechanism requires:

- Fastening mechanism kit including hinges, arm and hardware
- Cremone or window handle (available in different models to choose from in the specific catalogue section)

Adjustments

The FUTURA 3D tilt-and-turn window enables micrometric adjustment in every direction, ideal after installing the casement.

ADJUSTMENTS [mm]



Height: +1.5 / -0.5



Side:

±1



Bottom hinge compression: ±0.3



Sash fall: +2 / -0



Striker compression: ±1.8



Table of maximum glass thickness [mm]

0500



100	27	21	18	15	13	12	11	10	9	8	8	
2400	27	21	18	15	13	12	11	10	9	8	8	
300 -	28	22	18	16	14	12	11	10	9	9	8	
200	29	23	19	17	14	13	12	11	10	9	8	8
100	30	24	20	17	15	13	12	11	10	9	9	8
000	32	26	21	18	16	14	13	12	11	10	9	9
900 —	34	27	22	19	17	15	13	12	11	10	10	9
800 —	35	28	24	20	18	16	14	13	12	11	10	9
700 —	38	30	25	21	19	17	15	14	13	12	11	10
600 —	40	32	27	23	20	18	16	14	13	12	11	11
500 —	40	34	28	24	21	19	17	15	14	13	12	11
400 —	40	36	30	26	23	20	18	17	15	14	13	12
300 —	40	39	33	28	25	22	20	18	16	15	14	12
200 —	40	40	35	30	27	24	21	19	18	16	14	12
100 —	40	40	39	33	29	26	23	21	19	16	14	
000 —	40	40	40	36	32	28	26	23	19	16		
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Table of maximum glass thickness [mm]





Table of maximum glass thickness [mm]







FUTURA 3D A & F BASIC MECHANISM
FUTURA 3D A & F ADDITIONAL FASTENING MECHANISMS AND ACCESSORIES
CREMONES AND WINDOW HANDLES

FUTURA 3D A & F BASIC MECHANISM

Functions

The hinges are supplied completely pre-assembled and ready to be installed on the profile, the hardware consists of ready-assembled accessories that make installation easy and instant.

Materials

Arm

Body, fixing block and slider in zamak with GS Silver Plus finish (up to 500 h of corrosion resistance) and stainless steel rod. Rod, connecting bracket, grub screws and screws in stainless steel. Stop disk in polyamide. Hinges

Extruded aluminium and brass hinge body Zamak supports with GS Silver Plus finish (up to 500 h corrosion resistance). Pins, screws and grub screws in stainless steel. Mechanism

Drive, drive rod, bolt tip and strikers in zamak with GS Silver Plus finish (up to 500 h of corrosion resistance). Screws and grub screws in stainless steel. Polyamide raiser.

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Online data sheet









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Item code	Description	PROFILE CROSS - SECTION	Base Raw	Anodised Elox	Painted	Trend/Gold Brass	Pieces per pack
04671K	T/T FUTURA ARCHED & SLOPING WINDOW MECHANISM	C001-C002			х	х	5

FUTURA 3D A & F

FUTURA 3D A & F ADDITIONAL FASTENING MECHANISMS AND ACCES-SORIES

Functions

The additional arm is mandatory for L>1000 mm. The variable corner drive is fixed without any need for machining the profile, but by means of a polyamide clip and two contrast grubscrews. Allows making sloping windows with an angle between the cremone upright and the top cross-beam that goes from 95° to 135°.



Online data sheet





ltem code	Description	PROFILE CROSS - SECTION	Range (mm)	Version	Base Raw	Anodised Elox	Painted	Trend/Gold Brass	Pieces per pack
04023K	VARIABLE CORNER DRIVE	C001-C002	-	-	Х				10
04301K	T/T FUTURA ADDITIONAL ARM	C001-C002-C003-C004- C005-C006	W > 1000	-	Х				5

FUTURA 3D A & F

CONFIGURATION EXAMPLES

FUTURA 3D A & F



Basic arched configuration with Cremone

MAIN SASH					
Sash width	320 ÷ 1000	1001 ÷ 1700			
Mechanism	04671K	04671K			
Additional arm	-	04301K			
Cremone	01039 - 01090K	01039 - 01090K			

Basic arched configuration with window handle

MAIN SASH						
Sash width	320 ÷ 1000	1001 ÷ 1700				
Mechanism	04671K	04671K				
Mechanism	01061	01061				
Additional arm	-	04301K				
Window handle	02476 - 02415 - 00997	02476 - 02415 - 00997				



Basic sloping window configuration with Cremone

MAIN SASH						
Sash width	320 ÷ 1000	1001 ÷ 1700				
Mechanism	04671K	04671K				
Variable corner drive	04023K	04023K				
Additional arm	-	04301K				
Cremone	01039 - 01090K	01039 - 01090K				

Basic sloping window configuration with window handle

MAIN SASH						
Sash width	320 ÷ 1000	1001 ÷ 1700				
Mechanism	04671K	04671K				
Mechanism	01061	01061				
Variable corner drive	04023K	04023K				
Additional arm	-	04301K				
Window handle	02476 - 02415 - 00997	02476 - 02415 - 00997				



Basic arched configuration with NP Supra

MAIN SASH						
Sash width	320 ÷ 1000	1001 ÷ 1700				
Mechanism	04671K	04671K				
Mechanism	0395301	0395301				
Additional arm	-	04301K				
NP Supra	03962 - 03963	03962 - 03963				



Basic sloping window configuration with NP Supra

MAIN SASH						
Sash width	320 ÷ 1000	1001 ÷ 1700				
Mechanism	04671K	04671K				
Mechanism	0395301	0395301				
Variable corner drive	04023K	04023K				
Additional arm	-	04301K				
NP Supra	03962 - 03963	03962 - 03963				