

# TIOMOS H AL

105° hinge



- Hinge system recessed in the top and bottom cabinet panels
- No attachment required to the cabinet sides
- No loss of space in the cabinet due to lateral hinges
- Suitable for modern, open furniture design, e.g. with glass partitions
- 105° opening angle
- 3-dimensional adjustment
- Surfaces: nickel-plated or night
- Up to 17 kg load capacity

### Available in 2 versions:

- With integrated damper (Soft-close)
- With integrated self-opening mechanism (Tipmatic Plus)

## ORDER INFORMATION

Door overlay		Material	Scope of delivery	Art.-no.	
				Soft-close	Tipmatic Plus
Overlying		Zamak, nickel-plated	Tiomos H AL (2x), corner connector (4x), cover cap (2x), screw set (1x)	<b>F051139128</b>	<b>F051140924</b>
Overlying		Zamak, night	Tiomos H AL (2x), corner connector (4x), cover cap (2x), screw set (1x)	<b>F051139148</b>	<b>F051140925</b>

Door overlay		Material	Position	Art.-no.	
				Soft-close	Tipmatic Plus
Overlying		Zamak, nickel-plated		<b>F053140954</b>	<b>F053140916</b>
				<b>F053140955</b>	<b>F053140917</b>
Overlying		Zamak, night		<b>F053140952</b>	<b>F053140914</b>
				<b>F053140953</b>	<b>F053140915</b>

Recommended screws for cabinet connection (not included in the scope of supply): Countersunk screw Ø 3.5 x 40 mm / Ø 3.5 x 50 mm / Ø 3.5 x 60 mm / Ø 3.5 x 70 mm

## COVER CAPS

	Designation	Art.-no.
	Hinge cover cap, plastic, grey	<b>F072140921</b>
	Hinge cover cap, plastic, night	<b>F072140920</b>

## ALUMINIUM FRAME

	Designation	Art.-no.
	Tiomos H AL aluminium profile, 3000 mm, peltro (anodised, tin colour finish), incl. sealing profile	<b>F051139127</b>
	Tiomos H AL aluminium profile, 3000 mm, not treated, incl. sealing profile	<b>F051140922</b>
	Tiomos H AL corner connector, Zamak, left	<b>F072140919</b>
	Tiomos H AL corner connector, Zamak, right	<b>F072140918</b>
	Tiomos H AL aluminium pull, 120 mm, peltro (anodised, tin colour finish)	<b>F072135955</b>
	Tiomos H AL aluminium pull, 120 mm, not treated	<b>F072140923</b>

## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-no.
	Tipmatic Plus Pin for handle-free furniture doors	<b>F069135061</b>			
	Countersunk screw, M4 x 10 mm, PH, night	<b>F0723135967</b>			

INSTALLATION INFORMATION

All dimensions in millimetres

Overlying	Half overlay	Rebate for pull
		<p>Screws not included in the delivery.</p>

Installation dimensions	Door overlay top/bottom	Glass dimensions
	<p> <math>X = W + Y</math>  <math>Y = X - W</math>  <math>W = X - Y</math> </p>	<p>FB = front width / FH = front height</p>

MINIMUM GAP WIDTH (F)

Door thickness (TS)	D	Minimum gap width (F)
	2.6	
32.0	4.7	
30.0	3.1	
28.0	2.1	
26.0	1.4	
24.0	0.9	
22.0	0.5	
20.0	0.2	
18.0	0.0	

LATERAL DOOR OVERLAY

Door overlay (A)	D	Z (Z = 17 + D - A)
	2.6	
17.0	2.6	
16.0	3.6	
15.0	4.6	
14.0	5.6	
13.0	6.6	
12.0	7.6	
11.0	8.6	

NOTES

Notes: For heavy doors with a weight of up to 17 kgs we recommend a cabinet thickness of at least 22 mm.

Tiomos  
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