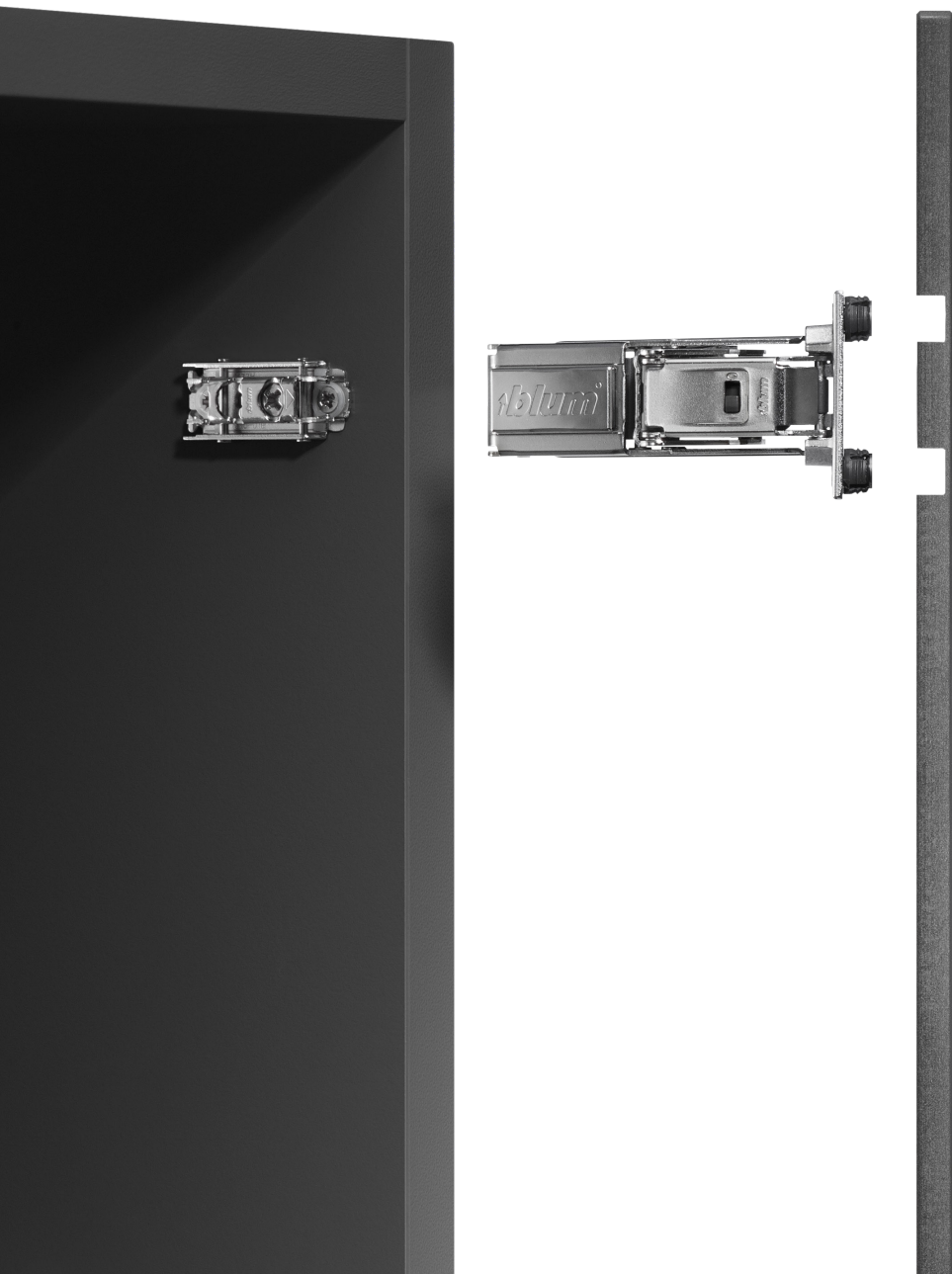


Available in Three Applications

Sometimes, mixing materials and textures is the magic that brings a design to life. Now, you can give cabinets unexpected flavor with thin materials for fronts. Available in three applications, you can make a statement by accenting or implementing thin fronts for an entire kitchen.

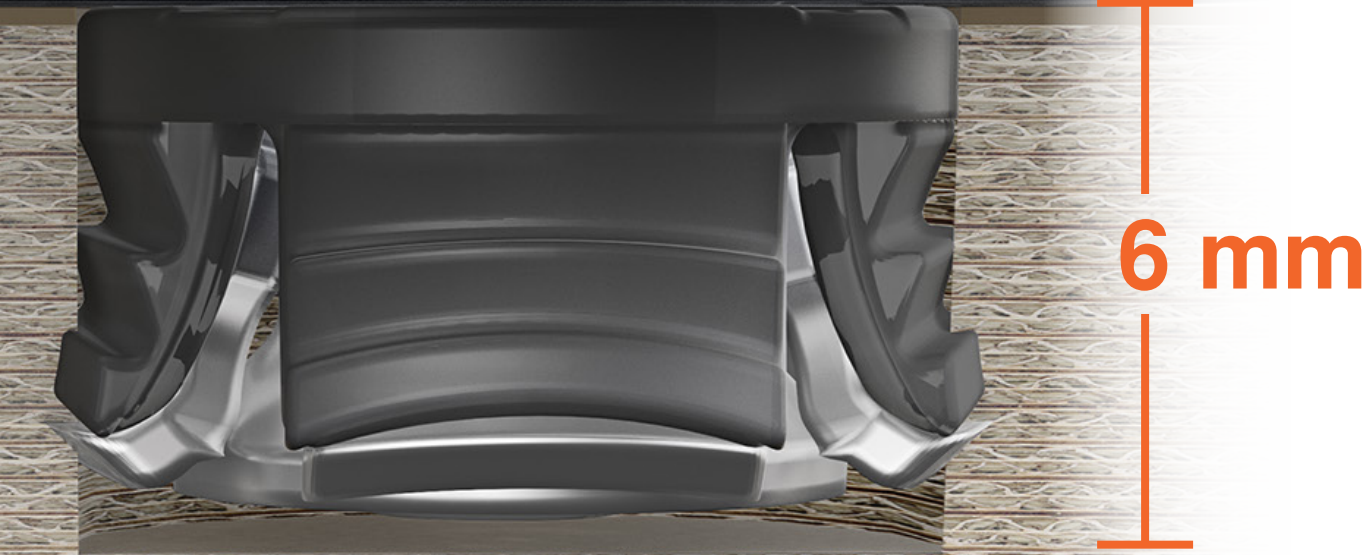


The revolutionary design for CLIP top BLUMOTION for thin doors was reimagined from the inside out. Our soft close technology has been integrated into the hinge, eliminating the need for a hinge cup. With a 110° opening angle and zero protrusion, this solution can work for a variety of applications.

An Easily Assembled System

Our new attachment system for thin fronts is based on EXPANDO T technology. A steel pull-in anchor ensures a secure fit for harder materials, while plastic jaws secure the fit for softer materials. Assembly is simple — drill, insert and secure the screws. With sufficient stability and strength, front materials of 8-14 mm may be used.

 **blum**[®]



Easily Combine Materials

The only limit for cabinet materials is your imagination with Blum's thin door technology. Suitable for fronts from 8-14 mm, the thin door attachment is strong enough for heavier stones while still being suitable for softer materials. Bring your ideas to life using a wide range of materials.



MDF



Veneered MDF



Laminated MDF



Veneered particleboard



Melamine



HDF



HPL



HPL



Solid surface



Mineral composite



Concrete



Quartz composite



Natural stone



Cement fiberboard



Ceramic



Ceramic



CLIP top BLUMOTION for thin doors




Order Specification



- 110° opening angle
- Integrated BLUMOTION
- Deactivation for small/light doors
- Zero protrusion
- Overload safety feature
- Compatible with existing CLIP mounting plates
- Angle restriction clips available (85°/92°)
- Hinge arm and cup cover caps available

Hinge Systems

CLIP top BLUMOTION for thin doors

	Hinge	Part no.
	CLIP top BLUMOTION	71B453T
	CLIP top (Self close)	71T453T
	CLIP top (Free swing)	70T453T.TL
For planning information see hinge brochure		

Accessories

Hinge cup cover cap

	Part no.
	70T4504

Hinge arm cover cap

	Part no.
	70.4503

Area of application

Blum's thin front solution is suitable for attaching Blum hardware to thin front materials in cabinet manufacturing. With sufficient stability and strength, front materials of **8-14 mm** may be used.

Angle restriction clips

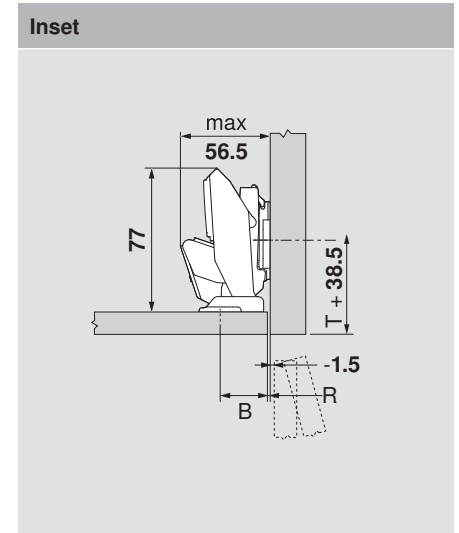
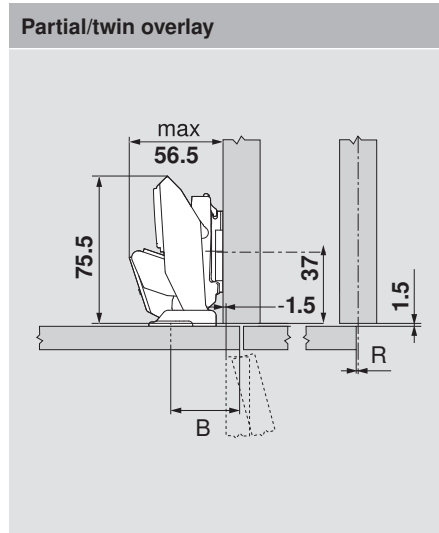
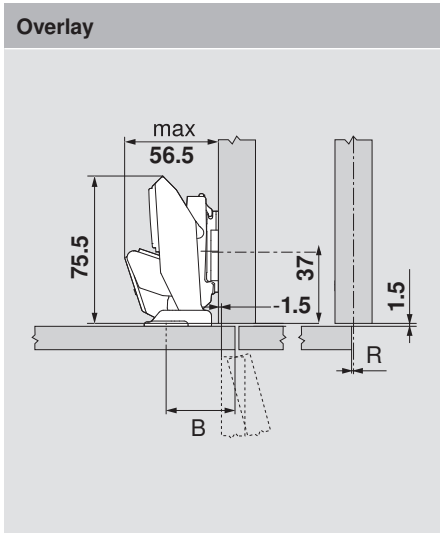
		Part no.
	85° (Dark gray)	70T4503
	92° (Dust gray)	70T4503.09

Disclaimer of liability

Blum accepts no liability for the use of the thin front attachment system in combination with materials not listed or hardware from other manufacturers. It is recommended that the assembly be carried out by an experienced cabinet manufacturer.

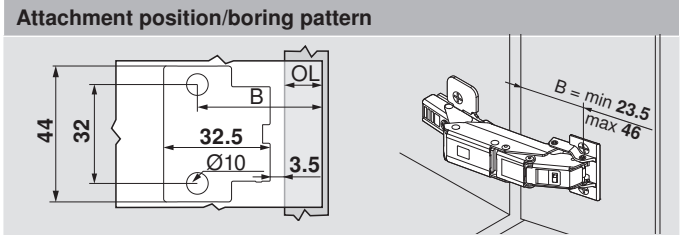
Area of application and assembly recommendation

Materials tested by Blum	Min. tightening torque (Nm)
Particleboard (transverse tensile strength > 0.4 N/mm ²)	1.5
MDF (transverse tensile strength > 0.6 N/mm ²)	1.5
HDF	2
HPL	2
Mineral composites	2
Granite stone - Nero Assoluto	3
Quartz composite artificial stone	3
Ceramic plates	3

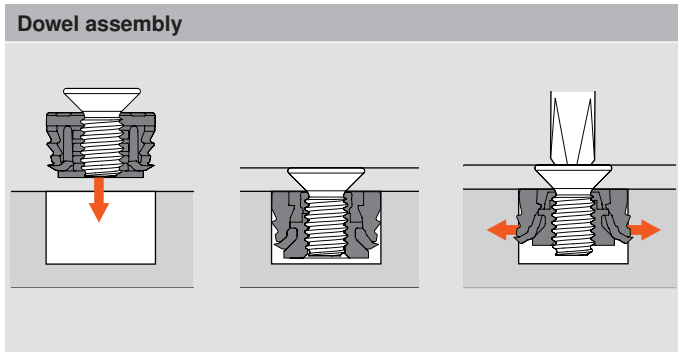
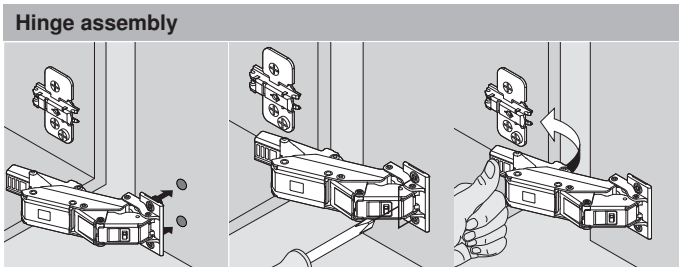
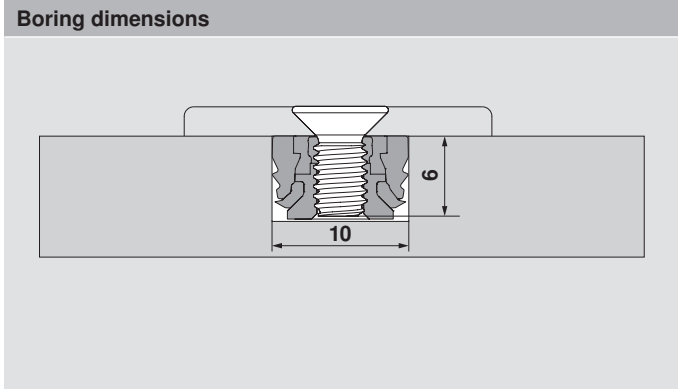


H	Overlay																		P	S	
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	-1.5	56.5
	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	Fixed distance = 27	
B = Boring distance																					

H	Inset reveal							P	S
0	3.5	3	2.5	2	1.5	1	0.5	-1.5	56.5
	23.5	24	24.5	25	25.5	26	26.5	Fixed distance = 27	
B = Boring distance									



OL = Overlay
B = Boring distance
B = OL + 27 (Fixed distance)



Adjustments

Height adjustment	Side adjustment	Depth adjustment
± 2.0	± 2.0	+ 3.0 - 2.0