

8 mm



**Thin fronts,
easily assembled**

The first fixing system for thin fronts
for lift systems, doors and pull-outs

www.blum.com

 **blum**[®]

Rediscover simplicity

Minimalist design creates room for inspiration. Broaden the range of your possibilities for implementing trends in furniture manufacturing. The first fixing system for thin fronts for lift systems, doors and pull-outs makes minimalist furniture design simple.



With the new fixing mechanism from CLIP top BLUMOTION for thin doors, we have succeeded in integrating the BLUMOTION functionality into hinges – without any need for a hinge boss. Furniture with inner pull-outs can be implemented with this hinge because of 0-protrusion.



Chosen lift system types – AVENTOS HK, HS and HL – can be implemented with the fixing system for thin fronts – with an unchanged fixing position.



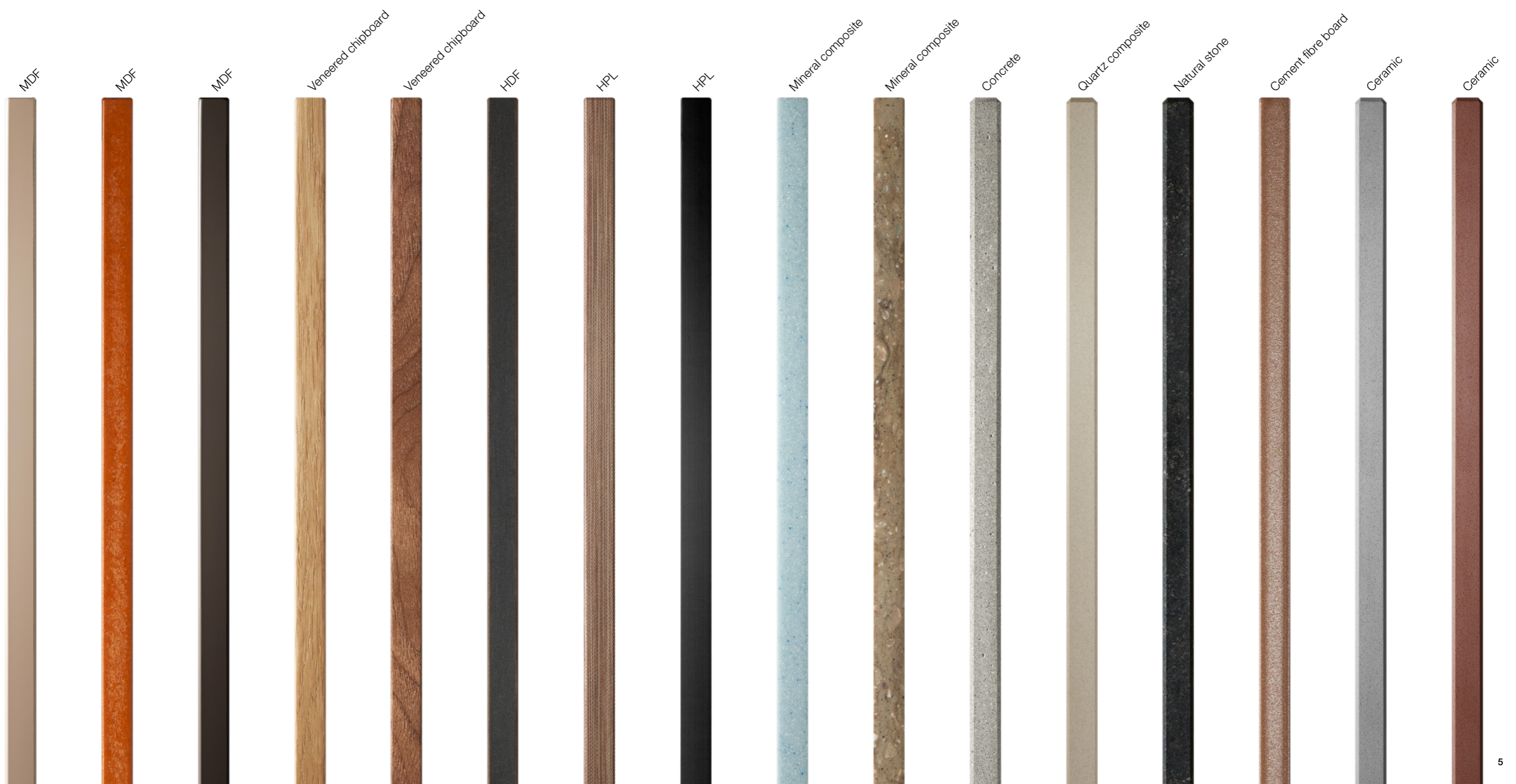
The narrow design of LEGRABOX drawers and pull-outs is accentuated to full effect. Because of identical fixing positions it takes very little time to assemble the front.



Detailed information on the awards: www.blum.com/award

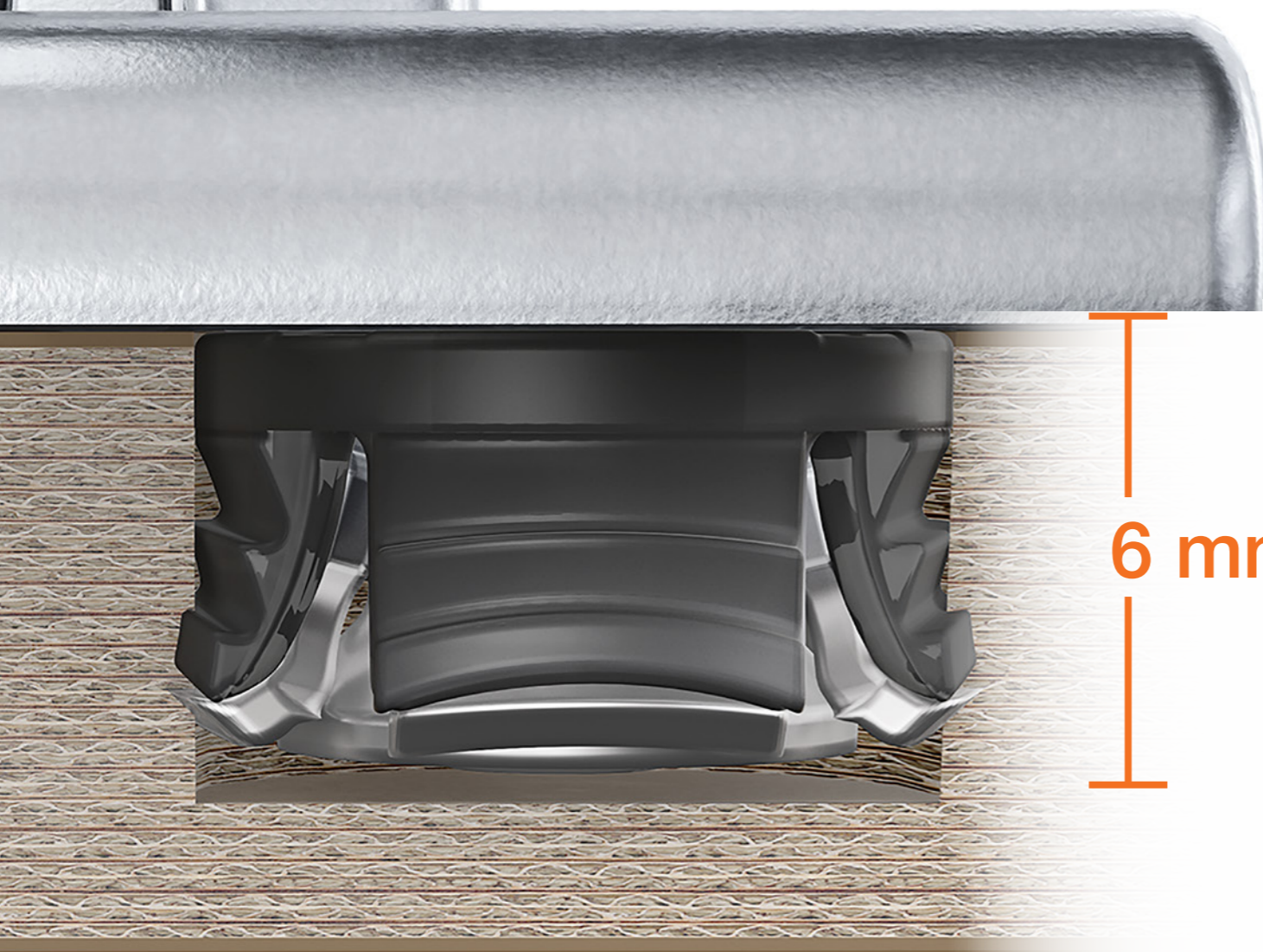
Easily combined materials

Our fixing system EXPANDO T for thin fronts from 8 mm - 14 mm thickness is suitable for many materials and even allows for exceptional design ideas. Surprise your customers with customised furniture.



An easily assembled system

Our new products for thin fronts are based on EXPANDO T. A steel pull-in anchor ensures a secure fit for harder materials while plastic jaws secure the fit for softer materials. EXPANDO T has a fixed drilling diameter of 10 mm and a drilling depth of just 6 mm.




6 mm

Programme overview


EXPANDO T – Solutions for thin fronts

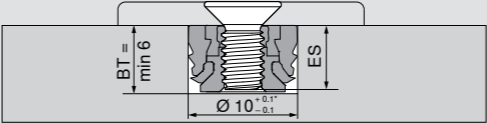


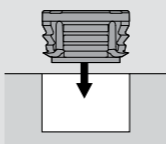
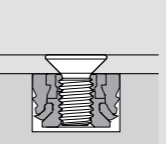
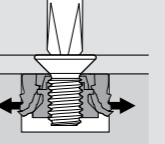
Lift systems

AVENTOS front fixing bracket		
		
	for HK, HS and HL	20S42T1
Fixing positions according to the Blum catalogue		

Hinge systems

CLIP top BLUMOTION for thin doors				
	Hinge	Spring	Colour	Part number
	CLIP top BLUMOTION	•	NI	71B453T
For planning information see hinge brochure				

Drilling depth	
	
Screws with M4 thread have to be used for EXPANDO T single.	
BT	Drilling depth
ES	Screw penetration depth
	ES min = 4 mm
	ES max = BT - 0.5 mm
* For stone and ceramic +0.2/-0.1 mm	

Assembly of EXPANDO T		
		



EXPANDO T area of application
 Suitable for fixing Blum fittings to thin front materials in furniture manufacturing. With sufficient stability and strength, front materials of 8 mm - 14 mm thickness and above may be used.

Area of application and assembly recommendation	
Materials tested by Blum	Minimum tightening torque (Nm)
Chipboard, MDF	1.5
HDF, HPL, Mineral composites	2
Granite stone – Nero Assoluto, Artificial stone – quartz composite, Ceramic plates	3

Disclaimer of liability

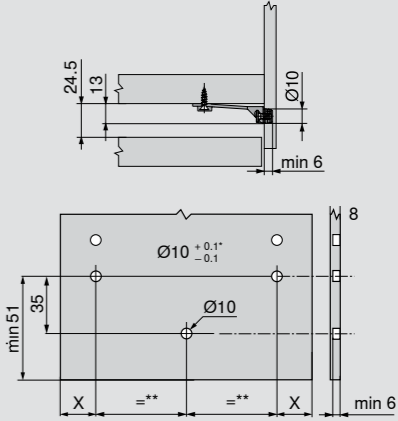
Blum accepts no liability for the use of EXPANDO T in combination with materials not listed or fittings from other manufacturers. It is recommended that the assembly be carried out by an experienced furniture manufacturer.

Box systems

LEGRABOX front fixing bracket		
	Height	
	M	ZF7M70T2
	K	ZF7K70T2
Fixing positions according to the Blum catalogue		
LEGRABOX front/base stabiliser		
	cabinet width of 601 mm or greater 1 x cabinet width of 901 mm or greater 2 x front height of 381 mm or greater 1 x	Z96.00T1

Other products

EXPANDO T – single	
	70T4532T

Space requirement and drilling pattern for LEGRABOX front/base stabiliser	
	
X = 14 + FA	
FA	Front overlay
* For stone and ceramic +0.2/-0.1mm	
** min 80	

 **Houzz** PRO:
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