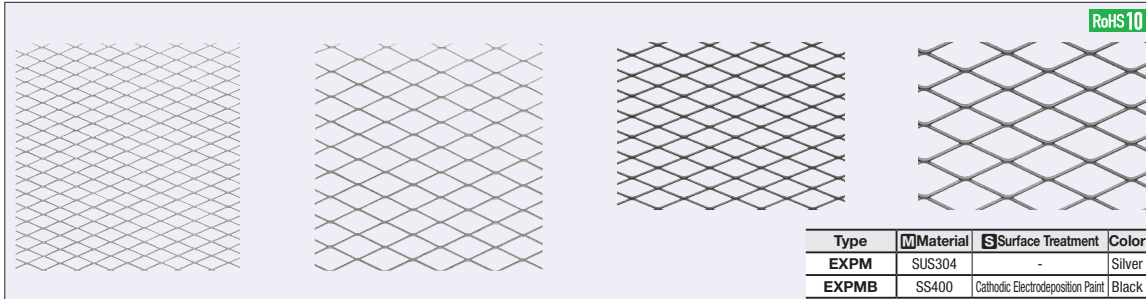


Expanded Metal Mesh

Unframed / Framed

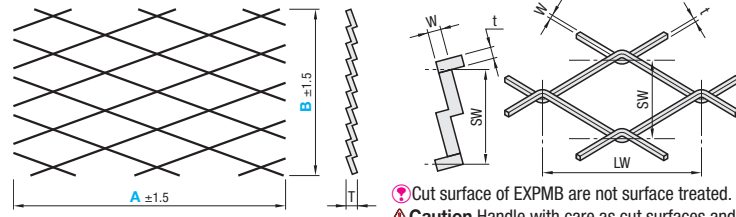


Type	Material	Surface Treatment	Color
EXPM	SUS304	-	Silver
EXPMB	SS400	Cathodic Electrodeposition Paint	Black

RoHS10

Unframed Type

EXPM
EXPMB (Cathodic Electrodeposition, Black)

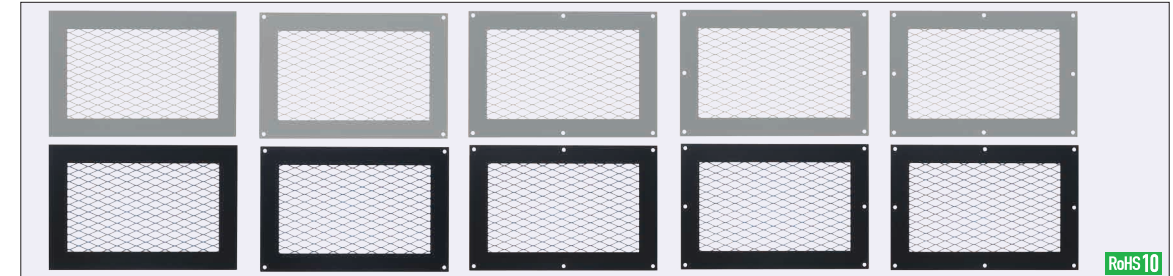


⚠️ Cut surface of EXPMB are not surface treated.
⚠️ Caution Handle with care as cut surfaces and framework inside surfaces are sharp.

Part Number Type	No.	1mm Increment		T	SW	LW	W	t	Mass kg/m ²
		A	B						
EXPM	31	100~1200	100~1000	3.5	12	30.5	1.5	1.2	2.36
EXPMB	42	100~1200	100~1000	5.3	22	50.8	2.5	2.3	4.1



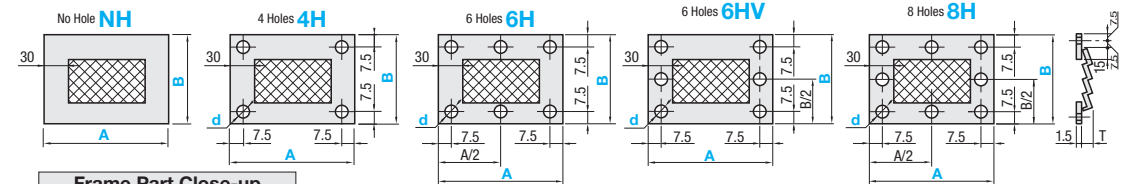
Ordering Example Part Number - A - B
EXPM31 - A325 - B255



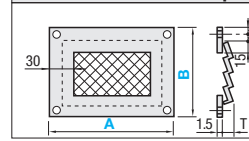
RoHS10

Framed Type

EXPMF
EXPMFB (Cathodic Electrodeposition, Black)



Frame Part Close-up



Type	Material	Surface Treatment	Color
EXPMF	SUS304	-	Silver
EXPMFB	SS400	Cathodic Electrodeposition Paint	Black

⚠️ A ≥ B
⚠️ Positional relationship between frame and expanded metal mesh is random.
⚠️ There are 2 welded portions on the frame and some grinding marks remain.
⚠️ Caution Handle with care as cut surfaces and framework inside surfaces are sharp.

Part Number Type	Nominal	No.	1mm Increment		d Selection	T
			A	B		
EXPMF	NH	31	100~700	100~700	4.5	3.5
	4H	42	100~700	100~700	5.5	5.3
EXPMFB	6H	31	100~700	100~700	6.5	5.3
	8H	42	100~700	100~700	9	5.3



Ordering Example Part Number - A - B - d
EXPMF4H31 - A600 - B400 - 5.5

Unit Price of Unframed Type

Part Number Type	No.	A	Unit Price B								
			100-200	201-300	301-400	401-500	501-600	601-700	701-800	801-900	901-1000
EXPM	31	100-200	-	-	-	-	-	-	-	-	-
		201-300	-	-	-	-	-	-	-	-	-
		301-400	-	-	-	-	-	-	-	-	-
		401-500	-	-	-	-	-	-	-	-	-
		501-600	-	-	-	-	-	-	-	-	-
		601-700	-	-	-	-	-	-	-	-	-
	42	100-200	-	-	-	-	-	-	-	-	-
		201-300	-	-	-	-	-	-	-	-	-
		301-400	-	-	-	-	-	-	-	-	-
		401-500	-	-	-	-	-	-	-	-	-
		501-600	-	-	-	-	-	-	-	-	-
		601-700	-	-	-	-	-	-	-	-	-
EXPMB	31	100-200	-	-	-	-	-	-	-	-	
		201-300	-	-	-	-	-	-	-	-	
		301-400	-	-	-	-	-	-	-	-	
		401-500	-	-	-	-	-	-	-	-	
		501-600	-	-	-	-	-	-	-	-	
		601-700	-	-	-	-	-	-	-	-	
	42	100-200	-	-	-	-	-	-	-	-	
		201-300	-	-	-	-	-	-	-	-	
		301-400	-	-	-	-	-	-	-	-	
		401-500	-	-	-	-	-	-	-	-	
		501-600	-	-	-	-	-	-	-	-	
		601-700	-	-	-	-	-	-	-	-	

Framed Type Unit Price

Part Number Type	Nominal	No.	A	Unit Price B						
				100-200	201-300	301-400	401-500	501-600	601-700	
EXPMF	31	100-200	-	-	-	-	-	-		
		201-300	-	-	-	-	-	-		
		301-400	-	-	-	-	-	-		
		401-500	-	-	-	-	-	-		
		501-600	-	-	-	-	-	-		
		601-700	-	-	-	-	-	-		
	42	100-200	-	-	-	-	-	-		
		201-300	-	-	-	-	-	-		
		301-400	-	-	-	-	-	-		
		401-500	-	-	-	-	-	-		
		501-600	-	-	-	-	-	-		
		601-700	-	-	-	-	-	-		
EXPMFB	31	100-200	-	-	-	-	-			
		201-300	-	-	-	-	-	-		
		301-400	-	-	-	-	-	-		
		401-500	-	-	-	-	-	-		
		501-600	-	-	-	-	-	-		
		601-700	-	-	-	-	-	-		
	42	100-200	-	-	-	-	-	-		
		201-300	-	-	-	-	-	-		
		301-400	-	-	-	-	-	-		
		401-500	-	-	-	-	-	-		
		501-600	-	-	-	-	-	-		
		601-700	-	-	-	-	-	-		

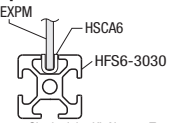
Hole Machining Charge of Framed Type

Hole Fabrication Nominal	Hole Machining Charge d (Through Hole)
NH	-
4H	-
6H	-
6HV	-
8H	-

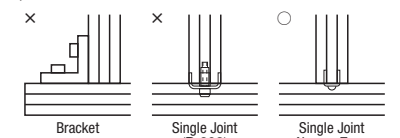
Price of Framed Type = Standard Type Unit Price + Hole Machining Charge
 (Ex.) Part Number - A - B - d
 EXPMF4H31 - A600 - B400 - 5.5 >>>
 (Standard Type Unit Price) + (Hole Machining Charge) = Hole Type Price

Installation of Unframed Expanded Metal Mesh

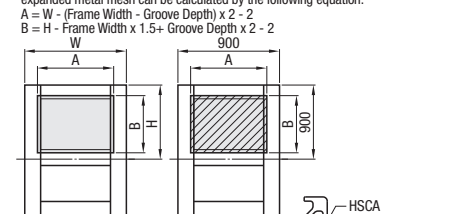
Putting into Aluminum Frame Grooves
When putting expanded metal mesh into aluminum frame grooves, insert the slot cover (HSCA on P.773) into the aluminum frame as shown on the right-hand drawing to make it serve as a holder.



Connection of Aluminum Frames
When forming a frame with aluminum frames, use Single Joint Kit Narrow Type for Blind Joint on each frame connection (P.609). Brackets and single/double joint for blind joint may become obstacles upon installation of slot covers and Expanded Metal Mesh.



Size Specifications of Expanded Metal Mesh
When putting expanded metal mesh into grooves in aluminum frames with outer dimension WxH as shown on the drawing below, the dimension AxB of the expanded metal mesh can be calculated by the following equation.



Ex.) When outer dimension is W(900)xH(900)
 • For Slot Width 8, 30 Square Type:
 A=900-(30-8)x2=834
 B=900-30x1.5+8x2=869
 • For Slot Width 10, 40 Square Type:
 A=900-(40-10)x2=820
 B=900-40x1.5+11.5x2=861
 • For Slot Width 10, 45 Square Type:
 A=900-(45-12)x2=810
 B=900-45x1.5+11.5x2=853

Series	t
30	8
40	11.5
45	12

Groove depth when slot cover is installed.