


Mesh

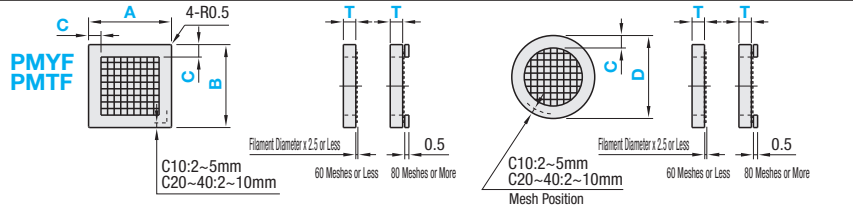
With Frame / Cut to Size

Stainless Steel Mesh is available for various factory automation applications such as filtration, sieving and air filtration.

Mesh with Frame



RoHS10



PMYF
PMTF

C10:2~5mm
C20~40:2~10mm

Flament Diameter x 2.5 or Less
0.5

60 Meshes or Less
80 Meshes or More

Mesh Position


For mesh over 80, the mesh will be sandwiched between the main body and a 0.5mm thick frame made of the same material as the main body, and spot welded together.
Deflection may occur since the mesh shrinks due to spot welding.

Type	Material	
	Main Body	Mesh
PMYF	SUS304	PMY(SUS304)P506
PMTF	SUS316	PMT(SUS316)P506

Dimension Tolerance of A, B, C and D

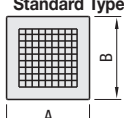
Type	Tolerance
Square	±0.3
Round	

Hole Machining Details

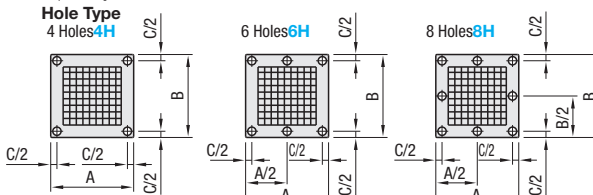


Screw Nominal Dia.	3	4	5	6	8
d	3.5	4.5	5.5	6.5	9

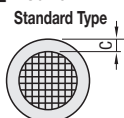
Square Standard Type



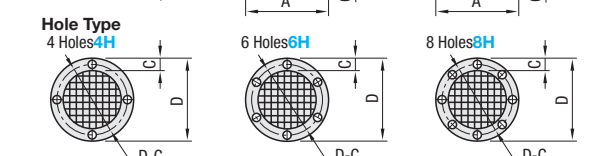
Hole Type
4 Holes 4H
6 Holes 6H
8 Holes 8H



Round Standard Type



Hole Type
4 Holes 4H
6 Holes 6H
8 Holes 8H



Type	Part Number			Mesh Standards			Shape	Square / Round			C Selection (mm)	T Selection (mm)	Hole Type	
	Number of Meshes in 1 inch (25.4mm) square	Symbol	Symbol	Sieve Mesh Size a (mm)	Wire Dia. b (mm)	Opening Ratio (%)		A	B	D			Number of Holes	Nominal Dia. N (Through Hole)
PMYF (SUS304)	16	X	X	1.30	0.29	66.9	K (Square) M (Round)	50~500 A=B	50~500	50~500	10 (A, D≤100) 20 (110≤A, D≤300) 30 (110≤A, D≤500) 40	1 2 3	4H 6H 8H	3 4 5 6 8
	18	X	Y	1.02	0.57	41.2								
	30	X	Y	0.60	0.25	49.8								
	40	X	Y	0.56	0.29	43.4								
	60	X	X	0.46	0.18	51.7								
	80	X	X	0.28	0.14	44.4								
PMTF (SUS316)	100	X	X	0.20	0.12	39.1								
	120	X	X	0.15	0.1	36.0								
	16	X	X	1.30	0.29	66.9								
	100	X	X	0.15	0.1	36.0								
	150	X	X	0.11	0.06	41.9								
	200	X	X	0.08	0.05	37.9								

Hole Drilling Limit: C-d≥6

Ordering Example

Standard Type

Part Number: PMYF 16 X - K - 100 - 100 - C10 - T1

(Frame Unit Price) + (Mesh Unit Price) = Standard Type Unit Price

Hole Type

Part Number: PMYF 30 X - K - 400 - 400 - C30 - T2 - 4H - N8

(Frame Unit Price) + (Mesh Unit Price) + (Hole Machining Charge) = Hole Type Unit Price

Hole Selection

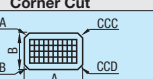
Hole Type	Hole Machining Charge N (Through Hole)
4H	
6H	
8H	

(Frame Unit Price)

Part Number Type	T	A	Unit Price B, D (Square, Round)			
			50-100	110-200	210-300	310-400 410-500
PMYF (SUS304)	1	50-100	-	-	-	-
		110-200	-	-	-	-
		210-300	-	-	-	-
		310-400	-	-	-	-
		410-500	-	-	-	-
	2	50-100	-	-	-	-
		110-200	-	-	-	-
		210-300	-	-	-	-
		310-400	-	-	-	-
		410-500	-	-	-	-
		410-500	-	-	-	-
	3	50-100	-	-	-	-
110-200		-	-	-	-	
210-300		-	-	-	-	
310-400		-	-	-	-	
410-500		-	-	-	-	
410-500		-	-	-	-	

Part Number: PMYF 30 Y - K - 400 - 400 - C30 - T3 - CCA

Corner Cut



Alterations

Code: CCA, CCB, CCC, CCD

Spec.: Any corner can be cut. When C=10, 20 or 30, 10 ≤ Corner Cut ≤ C. When C=40, 10 ≤ Corner Cut ≤ 50. 10mm Increment. (Ex.) When A and D are cut with C10→CCA10-CCD10. Applicable to Standard Type only.

ex Example

For water/oil cut: PMYF PMTF

For heat dissipation cover: PMYF PMTF

