

# Painted Panels

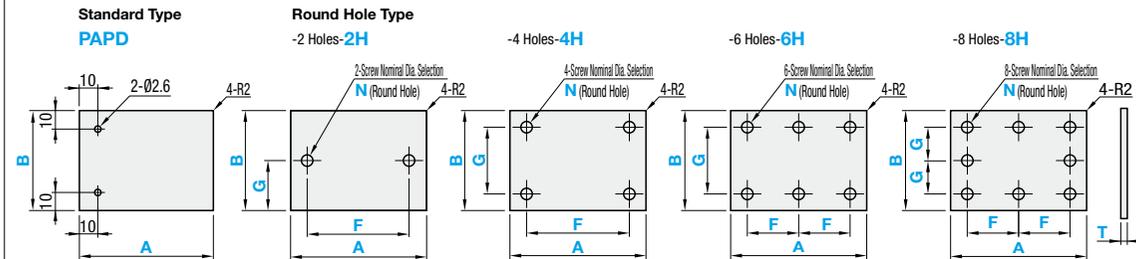
## Round Hole

■ Powder painted panels excellent in both appearance and corrosion resistance. (Baked painted sheet metal products of 2012 Catalog are now HP listed.)

RoHS



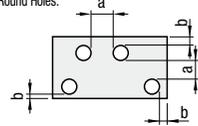
Type	T	Material	Surface Treatment
PAPD	0.8, 1.2	SPCC	Powder Paint
	1.6, 2.0	SPHC	



⊙ For Standard Type, there are 2 holes (Ø2.6) for paint process racking.

⊙ Fabricating Conditions of Round Holes.

a≥5 b≥2.5



Hole Machining Details	
N (Round Hole)	
Screw Nominal Dia.	d
3	3.5
4	4.5
5	5.2
6	6.8
8	9

■ Accuracy Standards

• A, B Dimension Tolerance	±0.5
• T Dimension Tolerance	T 0.8 1.2 1.6 2.0 +0.2 0 ±0.2 ±0.25

### Standard Type

Part Number	1mm Increment		Selection	
	Type	A	B	T
PAPD	200~1200	200~1000	0.8	U2570B
			1.2	U2280D
			1.6	U2290D
			2.0	U2580B
				U2785B
				UN95
				UN10

### Hole Machined Type

Part Number	Type	1mm Increment		Selection	1mm Increment		Nominal Dia.	Selection
		Nominal	A		B	F		
PAPD	2H 4H 6H 8H	200~1200	200~1000	0.8	9~1191 (2H, 4H Type)	5~995 (2H Type)	3	U2570B
				1.2				U2280D
				1.6				U2290D
				2.0				U2580B
								U2785B
				U2290B				
				UN95				
				UN10				

■ Paint Color Type (All finished in semi-gloss, except for UN95. UN95 only is full gloss.): Specified by Japan Paint Manufacturers Association Color Code 2007 Edition

Paint Color			
	U2570B Approx. Munsell No.5Y7/1		U2280D Approx. Munsell No.2.5Y8/2
	U2290D Approx. Munsell No.2.5Y9/2		U2580B Approx. Munsell No.5Y8/1
	U2785B Approx. Munsell No.7.5Y8.5/1		U2290B Approx. Munsell No.2.5Y9/1
	UN95 Approx. Munsell No.N9.5		UN10 Approx. Munsell No. N1



Ordering Example  
**Standard Type**  
 Part Number - A - B - T - Paint Color  
 PAPD - 600 - 400 - 0.8 - U2280D

### Hole Machined Type

Part Number - A - B - T - F - G - Screw Nominal Dia. - Paint Color  
 PAPD4H - 800 - 600 - 1.2 - F700 - G500 - N6 - U2280D

### Hole Machining Charge

Hole Type	Hole Machining Charge
2H	
4H	
6H	
8H	

⊙ The price of Hole Machined Type is found by adding the Standard Type unit price to the hole machining charge.

(Ex.) Part Number - A - B - T - F - G - Screw Nominal Dia. - Paint Color  
 PAPD4H - 500 - 400 - 1.2 - F400 - G300 - N6 - U2280D

(Standard Type Unit Price) + (Hole Machining Charge) = Hole Type Price

### Standard Type Unit Price

Part Number	T	A	Unit Price								
			B								
			200~300	301~400	401~500	501~600	601~700	701~800	801~900	901~1000	
PAPD	0.8	200~300									
		301~400									
		401~500									
		501~600									
		601~700									
		701~800									
		801~900									
		901~1000									
	1001~1100										
	1101~1200										
	1.2	200~300									
		301~400									
		401~500									
		501~600									
		601~700									
		701~800									
		801~900									
		901~1000									
	1001~1100										
	1101~1200										
	1.6	200~300									
		301~400									
		401~500									
		501~600									
601~700											
701~800											
801~900											
901~1000											
1001~1100											
1101~1200											
2.0	200~300										
	301~400										
	401~500										
	501~600										
	601~700										
	701~800										
	801~900										
	901~1000										
1001~1100											
1101~1200											



Alterations  
 Part Number - A - B - T - F - G - Screw Nominal Dia. - Paint Color - (XC, YC)  
 PAPD4H - 800 - 600 - 1.2 - F700 - G500 - N5 - U2280D - XC10

Alterations	Round Hole Position from Left	Round Hole Position from Bottom
Code	XC	YC
Spec.	<Fabricating Conditions of Round Holes> XC=1mm Increment ⊙ 5≤XC≤1186 ⊙ 2H,4H Type d/2+2.5≤XC≤A-F-d/2-2.5 ⊙ 6H,8H Type d/2+2.5≤XC≤A-2F-d/2-2.5 ⊗ Not applicable to Standard Type	<Fabricating Conditions of Round Holes> YC=1mm Increment ⊙ 5≤YC≤986 ⊙ 4H,6H Type d/2+2.5≤YC≤B-G-d/2-2.5 ⊙ 8H Type d/2+2.5≤YC≤B-2G-d/2-2.5 ⊗ Not applicable to 2H Type ⊗ Not applicable to Standard Type

# Painted Panels

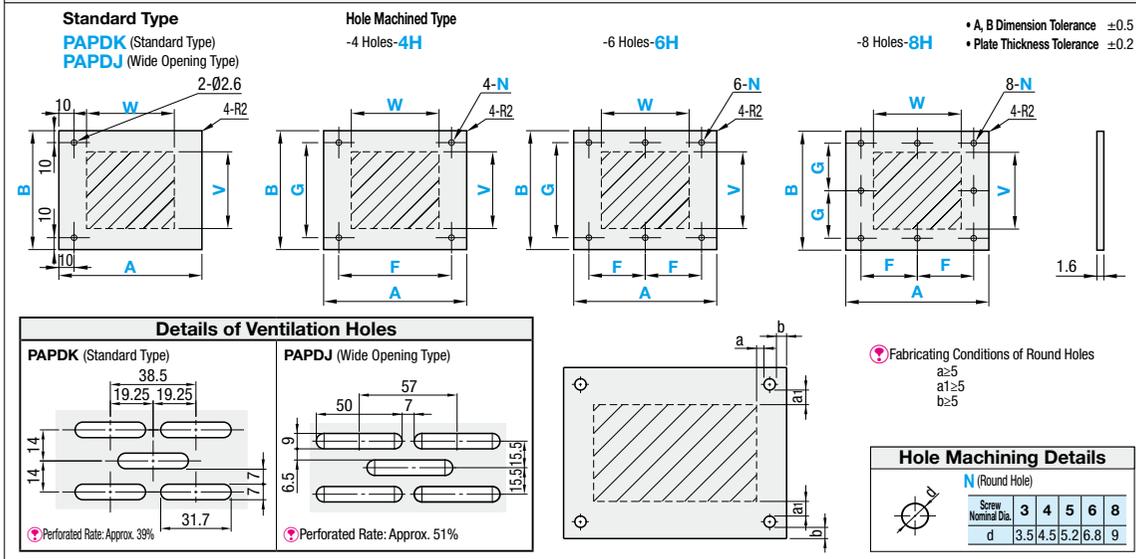
## Ventilation Hole

■ Powder painted panels with vent holes excellent in both appearance and corrosion resistance. (Baked painted sheet metal products of 2012 Catalog are now HP listed.)

RoHS



Type	Material	Surface Treatment
PAPDK	SPHC	Powder Paint
PAPDJ		



### Standard Type

Part Number Type	1mm Increment		1mm Increment		Selection Paint Color
	A	B	W	V	
PAPDK (Standard Type) PAPDJ (Wide Opening Type)	200~1200	200~1000	100~950	100~950	U2570B U2280D U2290D U2580B U2785B U2290B UN95 UN10

⚠ Since the vent hole dimensions (Perforation rate) are fixed, the actual W and V dimensions may be smaller than specified.

### Hole Machined Type

Part Number Type	Nominal	1mm Increment		1mm Increment		Nominal Dia. N	Selection Paint Color
		A	B	F	G		
PAPDK (Standard Type) PAPDJ (Wide Opening Type)	4H 6H 8H	200~1200	200~1000	9~1186 (4H Type) 9~593 (6H Type) 57~593 (8H Type)	9~986 (4H Type) 114~986 (6H Type) 57~493 (8H Type)	3 4 5 6 8	U2570B U2280D U2290D U2580B U2785B U2290B UN95 UN10

⚠ Since the vent hole dimensions (Perforation rate) are fixed, the actual W and V dimensions may be smaller than specified.

■ Paint Color Type (All finished in semi-gloss, except for UN95. UN95 only is full gloss.): Specified by Japan Paint Manufacturers Association Color Code 2007 Edition

Paint Color			
U2570B Approx. Munsell No.5Y7/1	U2280D Approx. Munsell No.2.5Y8/2	U2290D Approx. Munsell No.2.5Y9/2	U2580B Approx. Munsell No.5Y8/1
U2785B Approx. Munsell No.7.5Y8.5/1	U2290B Approx. Munsell No.2.5Y9/1	UN95 Approx. Munsell No.2.5Y9/1	UN10 Approx. Munsell No. N1



### Standard Type

Part Number - A - B - W - V - Paint Color  
PAPDK - 800 - 700 - 700 - 600 - UN95

### Hole Machined Type

Part Number - A - B - F - G - W - V - Screw Nominal Dia. - Paint Color  
PAPDJ6H - 800 - 600 - F380 - G500 - W500 - V400 - N6 - U2280D

### Standard Type Unit Price

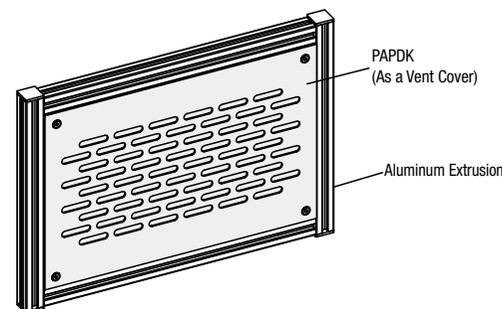
Part Number	A	Unit Price B							
		200~300	301~400	401~500	501~600	601~700	701~800	801~900	901~1000
PAPDK (Standard Type) PAPDJ (Wide Opening Type)	200~300								
	301~400								
	401~500								
	501~600								
	601~700								
	701~800								
	801~900								
	901~1000								

### Hole Machining Charge

Hole Type	Hole Machining Charge
4H	
6H	
8H	

⚠ The price of Hole Machined Type is found by adding the Standard Type unit price to the hole machining charge.

(Ex.) Part Number - A - B - F - G - W - V - Screw Nominal Dia. - Paint Color  
PAPDK4H - 600 - 400 - F580 - G380 - W500 - V350 - N6 - U2280D  
(Standard Type Unit Price) + (Hole Machining Charge) = Hole Type Price



# Painted Panels / Aluminum Panels

## Selectable Shapes

Surface treated panels excellent in both appearance and corrosion resistance. (Baked painted sheet metal products of 2012 Catalog are now HP listed.)



Type	T	Material	Surface Treatment
PAPD□	0.8, 1.2	SPCC	Powder Paint
PAAL□	1.0-3.0	SPHC	Clear Anodize

**Standard Type**

**Round Hole Type**

For Standard Type, there are 2 holes (Ø2.6) for surface process racking in indicated locations.  
 Round holes specified by F and G are positioned in the center of each side.  
 Cut surfaces and mounting holes of PAAL□ are not anodized.

**Hole Machining Details**

Screw Nominal Dia	3	4	5	6	8
d	3.5	4.5	5.2	6.8	9

**Accuracy Standards**

- A, B Dimension Tolerance: ±0.5
- T Dimension Tolerance: ±0.25

Type	T	0.8	1.2	1.6	2.0	PAAL□	T	1.0	1.5	2.0	3.0
			+0.2	±0.2	±0.25			±0.06	±0.09	±0.09	±0.10

**Paint Color Type** (All finished in semi-gloss, except for UN95. UN95 only is full gloss.) : Specified by Japan Paint Manufacturers Association Color Code 2007 Edition

Paint Color	Approx. Munsell No.
U2570B	No.5Y7/1
U2280D	No.2.5Y8/2
U2290D	No.2.5Y9/2
U2580B	No.5Y8/1
U2785B	No.7.5Y8.5/1
U2290B	No.2.5Y9/1
UN95	No.N9.5
UN10	No. N1

### Standard Type

Part Number	1mm Increment	T Selection	1mm Increment						Paint Color Selection
			A	B	E	S	H	J	
PAPDE		0.8	-	-	1180	1180	980	980	U2570B
PAPDF	200	1.2	10	10	-	-	-	-	U2280D
PAPDG	1200	1.6	10	10	-	-	-	-	U2290D
PAPDH	200	2.0	10	10	-	-	-	-	U2580B
			485	585	-	-	-	-	UN95
					-	-	-	-	UN10

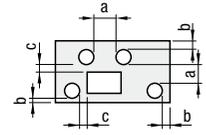
### Hole Machined Type

Part Number	1mm Increment	T Selection	1mm Increment						Screw Nominal Dia. N (Round Hole)	Paint Color Selection				
			A	B	E	S	F	G			H	J	K	L
PAPDE		0.8	-	-	-	-	-	-	-	-	-	-	-	U2570B
PAPDF	200	1.2	10	10	9	9	-	-	-	-	-	-	-	U2280D
PAPDG	1200	1.6	10	10	1186	986	-	-	-	-	-	-	-	U2290D
PAPDH	200	2.0	10	10	986	986	-	-	-	-	-	-	-	U2580B
			743	593	-	-	-	-	-	-	-	-	-	UN95
					-	-	-	-	-	-	-	-	-	UN10

### Ordering Example

**Standard Type**  
 Part Number - A - B - T - E - S - H - J - K - L - Paint Color  
 PAPDF - 600 - 400 - 0.8 - E100 - S100 - U2580B

**Hole Machined Type**  
 Part Number - A - B - T - E - S - F - G - H - J - K - L - Screw Nominal Dia. - Paint Color  
 PAPDF8H - 900 - 500 - 2.0 - F440 - G240 - H200 - J500 - K200 - L150 - N6 - U2290D



Round and Square Hole Fabrication Conditions  
 a≥5 b≥5 c≥10

The price of this product is found by multiplying the unit price by the material multiplier.

(Ex.) Part Number - A - B - T - E - S - Paint Color  
 PAPDF - 500 - 400 - 1.6 - E100 - S100 - U2280D  
 (Unit Price) x (Material Multiplier) = Standard Type Unit Price

### Standard Type Unit Price

Part Number	T (Material Multiplier)	A	Unit Price B							
			200-300	301-400	401-500	501-600	601-700	701-800	801-900	901-1000
PAPDE	0.8	200-300								
	(x0.8)	301-400								
	1.2	401-500								
	(x1.0)	501-600								
	1.6	601-700								
	(x1.2)	701-800								
PAPDF	2.0	801-900								
	(x1.2)	901-1000								
	1001-1100									
	(x1.25)	1101-1200								
	0.8	200-300								
	(x0.8)	301-400								
PAPDG	1.2	401-500								
	(x1.0)	501-600								
	1.6	601-700								
	(x1.2)	701-800								
	2.0	801-900								
	(x1.25)	901-1000								
PAPDH	1001-1100									
	(x1.25)	1101-1200								
	0.8	200-300								
	(x0.8)	301-400								
	1.2	401-500								
	(x1.0)	501-600								

Part Number	T (Material Multiplier)	A	Unit Price B							
			200-300	301-400	401-500	501-600	601-700	701-800	801-900	901-1000
PAALE	1.0	200-300								
	(x1.1)	301-400								
	1.5	401-500								
	(x1.0)	501-600								
	2.0	601-700								
	(x1.2)	701-800								
PAALE	3.0	801-900								
	(x1.45)	901-1000								
	1.0	200-300								
	(x1.1)	301-400								
	1.5	401-500								
	(x1.0)	501-600								
PAALE	2.0	601-700								
	(x1.2)	701-800								
	3.0	801-900								
	(x1.45)	901-1000								
	1.0	200-300								
	(x1.1)	301-400								
PAALE	1.5	401-500								
	(x1.0)	501-600								
	2.0	601-700								
	(x1.2)	701-800								
	3.0	801-900								
	(x1.45)	901-1000								

### Hole Machining Charge

Hole Type	Machining Charge of Screw Nominal Dia. N (Round Hole)
4H	
5H	
6H	
6HV	
8H	

The price of Hole Machined Type is found by adding the Standard Type unit price to the hole machining charge.

(Ex.) Part Number - A - B - T - E - S - F - G - Screw Nominal Dia. - Paint Color  
 PAPDF4H - 500 - 400 - 1.2 - E50 - S50 - F400 - G300 - N6 - U2280D  
 (Standard Type Unit Price) + (Hole Machining Charge) = Hole Type Price