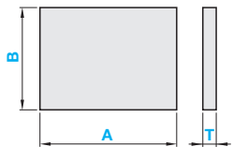
Stainless Steel Panels

Type	Material	Finishing
PASUS	EN 1.4301 Equiv.	One Side #400 Ground
PMSUS		One Side Mirror Finish (800 Ground, No Grinding Marks)
PHSUS		Brushed Mark Type

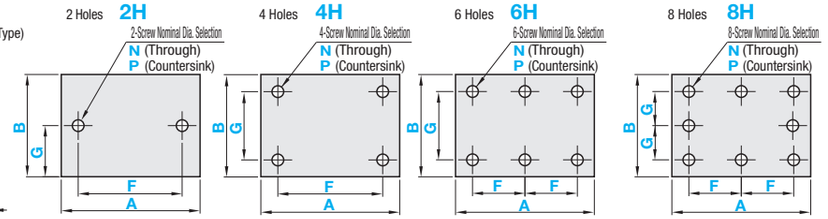
Standard Type

PASUS (400 Ground)
PHSUS (Brushed Mark Type)
PMSUS (Mirror Finish)

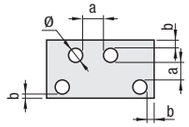


- A≥B
- For PHSUS, brushed marks are parallel to A direction.

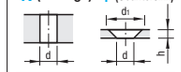
Hole Machined Type



- Fabricating Conditions of Round Holes ⋯ a≥5 b≥2.5
  Through Hole: d is applied for the Ø (hole dia.).
  Countersink: d1 is applied for the Ø (hole dia.).



Hole Machining Details



Screw Nominal Dia.	3	4	5	6	8
d	3.5	4.5	5.5	6.5	8.5
d1	7.5	9.5	11.5	-	-
h	2	2.5	3	-	-

Accuracy Standards

- T Dimension Tolerance

T	0.8	1.0・1.2	1.5	2.0	2.5	3.0
	±0.09	±0.10	±0.12	±0.17	±0.20	±0.25

- A, B Tolerance
  1000 or Less ±0.5
  More than 1000 ±1.0

Standard Type

Part Number Type	1mm Increment A	1mm Increment B	T Selection
PASUS (400 Ground) PHSUS (Brushed Mark Type)	50~1200	50~1000	0.8 1.0 1.2 1.5 2.0 2.5 3.0
PMSUS (Mirror Finish)	50~800	50~800	1.0

Hole Machined Type

Part Number Type	Nominal	1mm Increment A	1mm Increment B	T Selection	1mm Increment F	1mm Increment G	Screw Nominal Dia. N (Through)	Screw Nominal Dia. P (Countersink)
PASUS (400 Ground) PHSUS (Brushed Mark Type)	2H 4H 6H	50~1200	50~1000	0.8 1.0 1.2 1.5 2.0 2.5 3.0	9~1191 (2H, 4H Type) 9~595 (6H, 8H Type)	5~995 (2H Type) 9~991 (4H, 6H Type) 9~495 (8H Type)	3 4 5 6	- - - 3 4 5
PMSUS (Mirror Finish)	8H	50~800	50~800	1.0	9~791 (2H, 4H Type) 9~395 (6H, 8H Type)	5~795 (2H Type) 9~791 (4H, 6H Type) 9~395 (8H Type)	8	-

Ordering Example

Standard Type

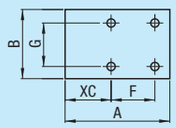
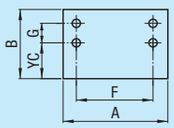
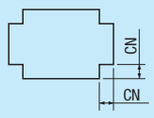
Part Number - A - B - T
PASUS - 600 - 400 - 0.8

Hole Machined Type

Part Number - A - B - T - F - G - Screw Nominal Dia.
PASUS4H - 800 - 600 - 2.0 - F700 - G500 - N6

Alterations

Part Number - A - B - T - F - G - Screw Nominal Dia. - (XC, YC, CN)
PASUS4H - 800 - 80 - 1.0 - F50 - G60 - N4 - XC10

Alterations	Hole Position from Left	Hole Position from Bottom	Relief at Four Corners
			
Code	XC	YC	CN
Spec.	XC=1mm Increment 5≤XC≤1186 (400 Ground, Brushed Mark Type) S≤XC≤786 (Mirror Finish) (2H, 4H Type) d(d1)/2+2.5≤XC≤A-F-d(d1)/2-2.5 (6H, 8H Type) d(d1)/2+2.5≤XC≤A-2F-d(d1)/2-2.5	YC=1mm Increment 5≤YC≤986 (#400 Ground, Brushed Mark Type) 5≤YC≤786 (Mirror Finish) (4H, 6H Type) d(d1)/2+2.5≤YC≤B-G- d(d1)/2-2.5 (8H Type) d(d1)/2+2.5≤YC≤B-2G- d(d1)/2-2.5 ⊗Not applicable to 2H Type	CN=1mm Increment Machines relief at 4 corners. 5≤CN≤50 Ordering Code CN=25 ⋯› CN25

Surface Grinding Comparison Photos

- **PASUS** (400 Ground)

- **PHSUS** (Brushed Mark Type)

* Image reflections on PHSUS is less definite than that of PASUS.

- **PMSUS** (Mirror Finish, #800 Ground, No Grinding Marks)

Hole Machining Charge

Hole Type	Machining Charge of Screw Nominal Holes N (Through)	P (Countersink)
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. >>
PASUS4H - 500 - 400 - 1.0 - F240 - G160 - N6
(Standard Type Unit Price) + (Hole Machining Charge) = Hole Type Price

Standard Type Unit Price

The price of PHSUS / PMSUS is found by multiplying the unit price by the material multiplier.

(Ex.) Part Number - A - B - T >>
PMSUS - 500 - 400 - 1.0
(Unit Price) x (Material Multiplier) = Standard Type Unit Price

PASUS (#400 Ground)
PHSUS (Brushed Mark Type) Material Multiplier (x1.5)
PMSUS (Mirror Finish) Material Multiplier (x1.7)

For PMSUS, sizes in the red box in the price table are available. T=1.0, 800mm square or less only.

Part Number	T	A	Unit Price B 50~100	101~200	201~300	301~400	401~500	501~600	601~700	701~800	801~900	901~1000
PASUS PHSUS PMSUS	0.8	50~ 100										
		101~ 200										
		201~ 300										
		301~ 400										
		401~ 500										
		501~ 600										
		601~ 700										
		701~ 800										
		801~ 900										
		901~1000										
		1001~1100										
		1101~1200										
	1.0	50~ 100										
		101~ 200										
		201~ 300										
		301~ 400										
		401~ 500										
		501~ 600										
		601~ 700										
		701~ 800										
		801~ 900										
		901~1000										
		1001~1100										
		1101~1200										
	1.2	50~ 100										
		101~ 200										
		201~ 300										
		301~ 400										
		401~ 500										
		501~ 600										
		601~ 700										
		701~ 800										
		801~ 900										
		901~1000										
		1001~1100										
		1101~1200										
	1.5	50~ 100										
		101~ 200										
		201~ 300										
		301~ 400										
		401~ 500										
		501~ 600										
		601~ 700										
		701~ 800										
		801~ 900										
		901~1000										
		1001~1100										
		1101~1200										
	2.0	50~ 100										
		101~ 200										
		201~ 300										
		301~ 400										
		401~ 500										
		501~ 600										
		601~ 700										
		701~ 800										
		801~ 900										
		901~1000										
		1001~1100										
		1101~1200										
	2.5	50~ 100										
		101~ 200										
		201~ 300										
		301~ 400										
		401~ 500										
		501~ 600										
		601~ 700										
		701~ 800										
		801~ 900										
		901~1000										
		1001~1100										
		1101~1200										
	3.0	50~ 100										
		101~ 200										
		201~ 300										
		301~ 400										
		401~ 500										
		501~ 600										
		601~ 700										
		701~ 800										
		801~ 900										
		901~1000										
		1001~1100										
		1101~1200										