

Ceramic Plates

Alumina 96 / Steatite / Machinable Ceramics

- Alumina 96 : Excels in abrasion resistance, insulation and heat resistance.
- Steatite : Excels in insulation and high frequency characteristic.
- Machinable Ceramics: Excels in insulation, heat insulation and machinability. Can be machined into complex shapes or finished with precision.

Ceramics Plates

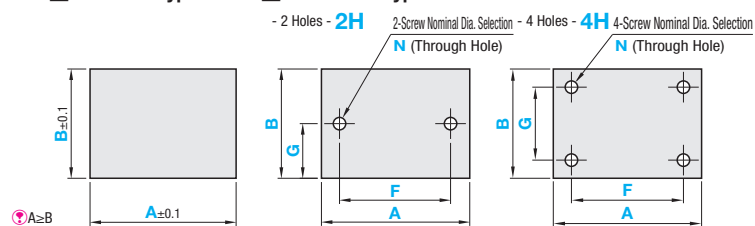
RoHS10

Part Number	Material	Finish Precision	Color	Operating Ambient Temperature
CEA	Alumina 96	Standard Grade	White	Ambient Temperature ~ 1,300°C
CEAV	Alumina 96	Precision Grade (Upper-lower Surface Milling)	White	Ambient Temperature ~ 1,300°C
CCES	Steatite	Standard Grade	White	Ambient Temperature ~ 1,000°C
CCESV	Steatite	Precision Grade (Upper-lower Surface Milling)	White	Ambient Temperature ~ 1,000°C
CEM	Machinable Ceramics	Standard Grade	Natural Color	Ambient Temperature ~ 1,000°C

Properties P901

Standard Type

Pre-Drilled Type



Standard Grade: CEA, CCES, CEM
Precision Grade: CEAV, CCESV

Standard Type

Part Number	1mm Increment		T
	A	B	
CEA	10~200	10~100	1
CEM	10~200	10~100	2
CEAV	10~100	10~100	2.5
CCES	10~70	10~70	3
CCESV	10~70	10~70	5

Accuracy Standards

Item	CEA, CCES, CEM	CEAV, CCESV
Thickness Parallelism (per 100mm)	0.1	0.05
Flatness	T=1	0.05
(per 100mm)	T=2~5	0.05

Hole Machining Details

Screw Nominal Dia.	3	4	5	6	8	10
d	3.5	4.5	5.5	6.5	9	11

Pre-drilled Type

Part Number	Number of Holes	1mm Increment		T	0.5mm Increment		Screw Nominal Dia. N (Through)
		A	B		F	G	
CEA	2H	10~200	10~100	1	9~191	5~95 (2H)	3
CEM							
CEAV							
CCES	4H	10~70	10~70	3	9~91	5~91 (4H)	4
CCESV							
CCES	4H	10~70	10~70	3	9~61	5~65 (2H)	6
CCESV							
CCES	4H	10~70	10~70	5	9~61	9~61 (4H)	8
CCESV							
CCES	4H	10~70	10~70	5	9~61	9~61 (4H)	10
CCESV							

For F dimension, d+5≤F≤A-d-5 is required.
G Dimension: For 2H, d/2+2.5≤G≤B-d/2-2.5; for 4H, d+5≤G≤B-d-5.

Ordering Example: Part Number - A - B - T
CEA - 60 - 55 - 2

Days to Ship: Configure Online

Pre-drilled Type: Part Number - A - B - T - F - G - Screw Nominal Dia.
CEA4H - 80 - 80 - 1 - F55 - G55 - N6

Price: Configure Online

Standard Type

Part Number	T	A	Unit Price			
			CEA	CEAV	CEM	CEM
CEA	1	10~50				
		51~100				
		101~150				
		151~200				
CEAV	2	10~50				
		51~100				
		101~150				
		151~200				
CEM	2.5	10~50				
		51~100				
		101~150				
		151~200				

Alterations: Part Number - A - B - T - F - G - Screw Nominal Dia. - (XC, YC)
CEA2H - 80 - 80 - 1 - F30 - G40 - N6 - XC15

Alterations	Hole Position from Left	Hole Position from Bottom
	Code	XC
Spec.	XC=1mm Increment 5≤XC≤186 (CEA, CEM) 5≤XC≤86 (CEAV) 5≤XC≤56 (CCES, CCESV) d(d1)/2+2.5≤XC≤A-F-d(d1)/2-2.5	YC=1mm Increment (Not available for 2H). 5≤YC≤86 (CEA, CEAV, CEM) 5≤YC≤56 (CCES, CCESV) d(d1)/2+2.5≤YC≤B-G-d(d1)/2-2.5
Price Adder		

Part Number	T	A	Unit Price			
			CCES	CCESV	CCES	CCESV
CCES	3	10~35				
		36~70				
CCESV	5	10~35				
		36~70				

Hole Charge

Hole Machining Type	Screw Nominal N (Through)
2H	
4H	

Ceramic Plates

Alumina 99

- Alumina 99: Excels in abrasion resistance, insulation and heat resistance.

Ceramics Plates

RoHS10

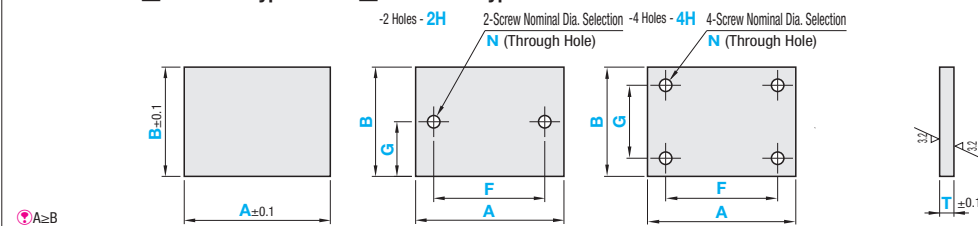
Part Number	Material	Finish Precision	Color	Operating Ambient Temperature
CEMN	Alumina 99	Standard Grade	Natural Color	Room Temp. ~ 1500°C



Properties P901

Standard Type

Pre-drilled Type



Standard Type

Part Number	1mm Increment		T
	A	B	
CEMN	50~470	50~170	3
CEMN	50~470	50~170	5
CEMN	50~470	50~170	10

Pre-drilled Type

Part Number	Number of Holes	1mm Increment		T	0.5mm Increment		Screw Nominal Dia. N (Through)							
		A	B		F	G								
CEMN	2H	50~470	50~170	3	9	5~165 (2H)	3							
								4H	50~470	50~170	5	461	9~161 (4H)	4
4H	50~470	50~170	10	9	461	9~161 (4H)	6							
								10	9	461	9~161 (4H)	8		
10	9	461	9~161 (4H)	10										

Hole Machining Details

Screw Nominal Dia.	3	4	5	6	8	10
d	3.5	4.5	5.5	6.5	9	11

For F dimension, d+5≤F≤A-d-5 is required.
G Dimension: For 2H, d/2+2.5≤G≤B-d/2-2.5; for 4H, d+5≤G≤B-d-5.

Ordering Example: Part Number - A - B - T
CEMN - 60 - 55 - 3

Days to Ship: Configure Online

Pre-drilled Type: Part Number - A - B - T - F - G - Screw Nominal Dia.
CEMN4H - 80 - 80 - 3 - F55 - G55 - N6

Price: Configure Online

Standard Type

T	A	Unit Price		
		B50~100	B101~150	B151~170
3	50~100			
	101~150			
	151~200			
	201~250			
	251~350			
5	50~100			
	101~150			
	151~200			
	201~250			
	251~350			
10	50~100			
	101~150			
	151~200			
	201~250			
	251~350			

Hole Charge

Pre-drilled Type	Screw Nominal N	T		
		3	5	10
2H	3			
	4, 5, 6			
	8			
4H	3			
	4, 5, 6			
	8			
4H	10			

Alterations: Part Number - A - B - T - F - G - Screw Nominal Dia. - (XC, YC)
CEMN2H - 80 - 80 - 3 - F30 - G40 - N6 - XC15

Alterations	Hole Position from Left	Hole Position from Bottom
	Code	XC
Spec.	XC=1mm Increment 5≤XC≤456 d/2+2.5≤XC≤A-F-d/2-2.5	YC=1mm Increment (Not available for 2H). 5≤YC≤160 d/2+2.5≤YC≤B-G-d/2-2.5
Price Adder		