-SEPARATE TYPE / STRAIGHT TYPE-

### **■**Characteristics of Spiral Baffle Boards

- Cooling water in spirals can cool down the core more efficiently than those on normal baffle boards.
- · Since it is plastic, rust will not be plugged in the cooling water path.
- It can be cut (including tip shape) to fit into cooling space. On the other hand, it does not bend easily since it includes glass fiber (Pull strength about 490N/mm<sup>2</sup>{50kgf/mm<sup>2</sup>}).

#### ■Notes

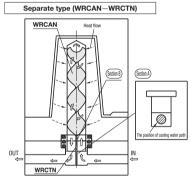
Water leakage sometimes occurs even when the baffle boards are installed according to the recommended dimensions in the below installation hole forming example

Conceivable causes are as follows.

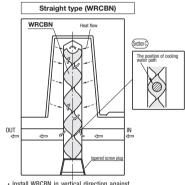
- · Deformation of the mounting board
- · Large distance between the fixing position of the mounting board and the spiral baffle board (The retaining force is reduced.)
- · Random variations between 0-rings

In such a case, increase the number of fixing points and also seal the periphery of the mounting location using an 0-ring, for example. Make the mounting hole somewhat shallower than the recommended value, and perform adjustment using additional forming, for example.

### **■**Example of Using Spiral Baffle Boards



- · Install partition section of WRCTN in vertical direction agains: cooling space. (refer to section A)
- Install partition sections of WRCAN and WRCTN in identical direction. (refer to section B)

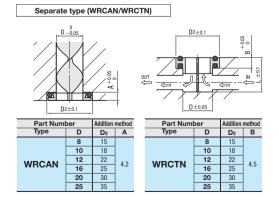


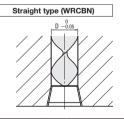
- · Install WRCBN in vertical direction against cooling water. (refer to section C)
- Cooling effect declines if it is not in vertical direction against

# Straight type (WRCCN) The position of coolin Install plate section (section A) of WRCCN in vertical direction.

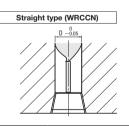
against cooling water. (refer to section A)

### **■**Example of Installation Hole Addition (Recommended value)



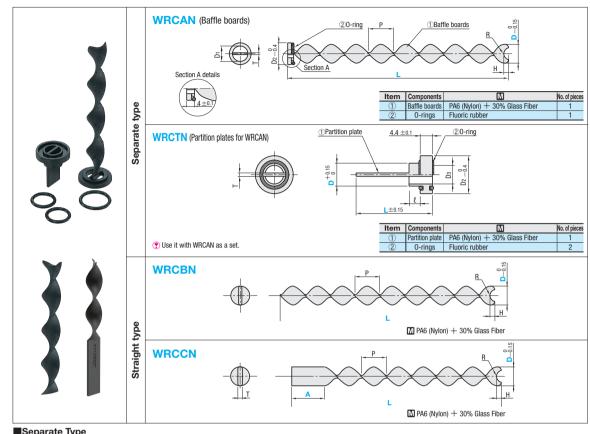


Part Numb	Part Number					
Type	D	tapered screw plug				
	8	MSWT1(PT1/8)				
	10	MSWT2(PT1/4)				
WRCBN	12	MSWT3(PT3/8)				
WACDIN	16	MSWT4(PT1/2)				
	20	MSWT6(PT3/4)				
	25	MSWT6(PT3/4)				



	Part Numb	Recommended	
	Type	D	tapered screw plug
		8	MSWT1(PT1/8)
		10	MSWT2(PT1/4)
	WRCCN	12	MSWT3(PT3/8)
	WACCIN	16	MSWT4(PT1/2)
		20	MSWT6(PT3/4)
		25	MSWT6(PT3/4)

## SPIRAL BAFFLE BOARDS



D <sub>1</sub>	Do	-	В	н	Р	Components	oonents Part Number		Part Number L		U/Price	∍ 1~9				
וט	D <sub>2</sub>	'	n	п	P	② O-rings	Туре	D	Selection	L100	L200	L300	L400			
8	15	1.5	2	2	20	P10		8								
10	18	1.8	2.5	2.5	20	P12		10	100 200 300							
11	22	2	3	3		P16	WRCAN	12			Quot	atior	1			
15	25	2	4	4	P20	25	25	25	25	25	25	P20 (Baffle boards) 16		<del>X</del> GOL	atioi	<b>'</b>
18	30	3	5	5	23	AS119		20								
25	35	3.5	6	6		AS121		25	100 200 300 400							

Dз	Do	т	0	Components	Part Number		L	U/Price																			
D3	D <sub>2</sub>	'	C	② O-rings	Туре	D	Selection	1~9																			
6	15	1.2	4.1	P 8		8																					
8	18	1.5	4.1	P10 P12		10																					
10	22	1.6			WRCTN	12	25 30 35 40	Quotation																			
13	25	2	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	P16	(Partition plates)	16	25 30 35 40	Quotation
17	30	2									P20 20																
22	35	2.4		AS119		25																					

Straight type	•

R	н	Р	Part Number		L		U/Price 1~9				
			Type	D	Selection	L96	L196	L296	L396		
2	2	20		8							
2.5	2.5			10	96 196 296						
3	3		WRCBN	12		Quotation					
4	4		25	25	WHODIN	16			440	atioi	<b>.</b>
5	5				20		20				
6	6			25	96 196 296 396						

-	R	н				ш	ш	ш	ш		ш	В	Part Numbe	r	L			U/Price	e 1~9	
'			"	Type	D	Selection	Α	L100	L200	L300	L400									
1.5	2	2	- 20	20	20	20		8		34										
1.8	2.5	2.5					10	100 200	34											
2	3	3			12	100 200	42	_												
3	4	4							WRCCN	16	]	42		Durat	otion	.)				
2	-	Б	-	-	25	WRCCN	WACCIN	20	100	42		Quot	auoi	IJ						
3	5	5	25		20	200 300	42 92	_												
3.5	6	6			25	100	42													
3.3	0	U			25	200 300 400	42 92													

Keen water temperature under 80°C







