

Surrounding metal, mutual interference around Data carrier and Read/Write head

When installing the Data carrier and Read/Write head, in order to avoid the surrounding metal and mutual interference, please keep area greater than or equal to value shown in below table.
Also, if the non-metallic area depends on the combination of Data carrier and Read/write head and Data carrier, please keep non-metallic area of the greater value.

Data carrier

Type code	Fig.	Non-metallic area (mm)			Fig.	Mutual
		A	B	C		interference(mm)
Z1-AA04-02K	1	85	85	0 (60)	3	500
Z1-FA01-128	2	200	-	60	3	500
Z1-EC02-128	2	200	-	0 (60)	3	500
Z1-B011-128	2	200	-	0 (30)	3	500

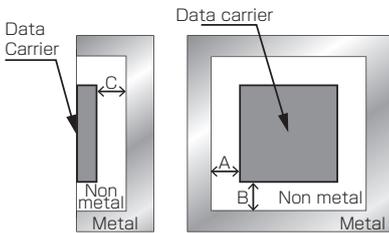


Fig.1

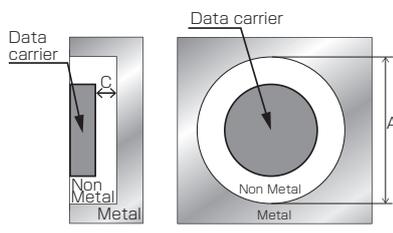


Fig.2

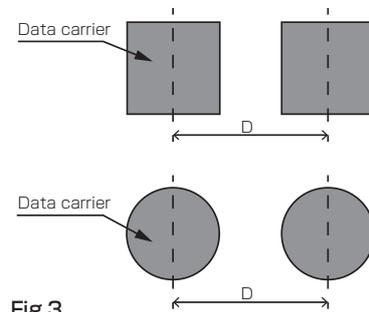


Fig.3

Read/Write head

Type code	Fig.	Non-metallic area (mm)			Fig.	Mutual
		A	B	C		interference(mm)
Z3-A010-CN	4	60	60	0 (40)	5	500

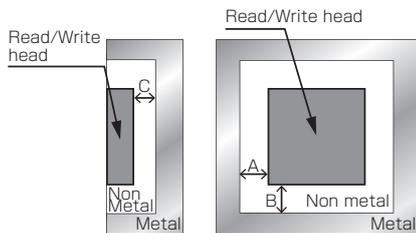


Fig.4

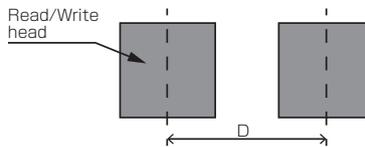


Fig.5

- "Metal mount" means directly mounted on the metal. but it refers to the absence of metal around except rear of the Data carrier.
- Value in () shows the required space to keep the communication distance as same as no-metal mounting.
- Button shaped Data carrier and non-metallic area A should be concentric.