

CHAPTER 9

PFA WELDING FITTING

Welding Type

01. PFA WELDING FITTING

- WELDING CONNECTOR
- WELDING ELBOW
- WELDING TEE
- REDUCING WELDING ELBOW
- REDUCING WELDING TEE

02. Others

- FUSION WELDING MACHINE

INODIS

PFA Welding Fitting

WELDING TYPE

맞대기 용착(BUTT WELDING)용의 피팅으로, 기존 TUBE FITTING 체결방식인 FLARE TYPE, FERRULE TYPE 보다 저렴하고 간결한 배관을 구성할 수 있으며, 너트의 풀림이 없으므로 누액 및 누수로부터 안전하게 사용할 수 있습니다.

是焊接 (BUTT WELDING)) 用接头, 比现有TUBE FITTING 拧紧方式的 FLARE TYPE, FERRULE TYPE便宜, 可构成简洁的管道, 螺母不易松动, 可防止发生漏液及漏水现象



CHARACTERISTICS

- 다른 체결방식의 피팅보다 가격이 저렴
比其他拧紧方式接头价格低
- 용착 부위가 협소하여 공간 절약 및 좁은 공간에 간결한 배관 구성이 가능
焊接部位狭窄,
可节约空间及在狭小的空间内构成简洁的管道
- 너트 풀림이 없으므로 누액(LEAK) 및 누수로부터 안전하게 사용
螺母不易松动, 可防止发生漏液及漏水现象
- 확관 피팅과 튜브 없이 체결 가능
没有扩口接头和管子可以拧紧
- 다른 체결방식보다 LEAK POINT가 적고 용착만으로 체결되어 무게가 가벼움
比其他拧紧方式少发生LEAK POINT,
只焊接拧紧重量轻

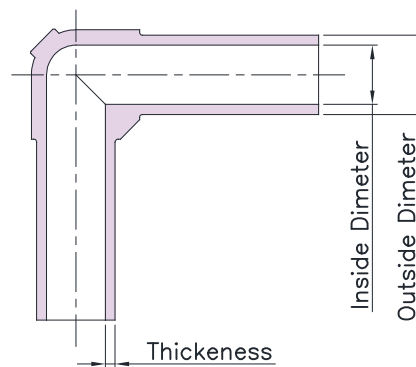
SPECIFICATION

SPECIFICATION	
Material	PFA 고순도(Daikin AP-211SH)
Max temperature in operation	200°C
Ambient temperature range	5°C ~ 60°C
Fluid	For liquid use only

TUBE CONNECTION SIZE

Unit : mm

TUBE SIZE	OUTSIDE DIAMETER	INSIDE DIAMETER	THICKNESS
1/4"	6.35	3.95	1.2
3/8"	9.53	6.33	1.6
1/2"	12.70	9.50	1.6
3/4"	19.05	15.85	1.6
1"	25.40	22.20	1.6



01

PFA WELDING FITTING

WELDING CONNECTOR

WELDING ELBOW

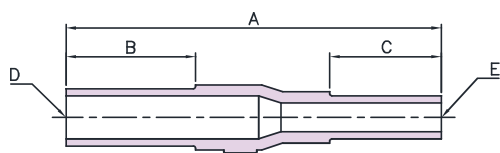
WELDING TEE

REDUCING WELDING ELBOW

REDUCING WELDING TEE

WELDING CONNECTOR

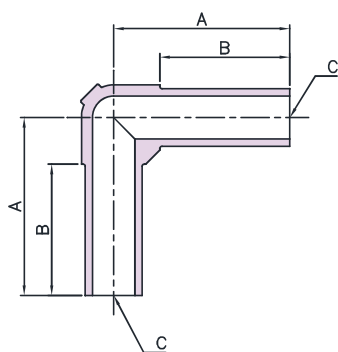
IRWC



PART No.	A	B	C	D (TUBE SIZE)	E (TUBE SIZE)
Inch connection				Dimension : mm	
IRWC-38i-14i-H	75	25	20	3/8" x 1/4"	1/4" x 5/32"
IRWC-12i-14i-H	79	29	//	1/2" x 3/8"	//
IRWC-12i-38i-H	84	//	25	//	3/8" x 1/4"
IRWC-34i-14i-H	85	35	20	3/4" x 5/8"	1/4" x 5/32"
IRWC-34i-38i-H	90	//	25	//	3/8" x 1/4"
IRWC-34i-12i-H	94	//	29	//	1/2" x 3/8"
IRWC-1i-14i-H	95.5	45.5	20	1" x 7/8"	1/4" x 5/32"
IRWC-1i-38i-H	100.5	//	25	//	3/8" x 1/4"
IRWC-1i-12i-H	14.5	//	29	//	1/2" x 3/8"
IRWC-1i-34i-H	110.5	//	35	//	3/4" x 5/8"

WELDING ELBOW

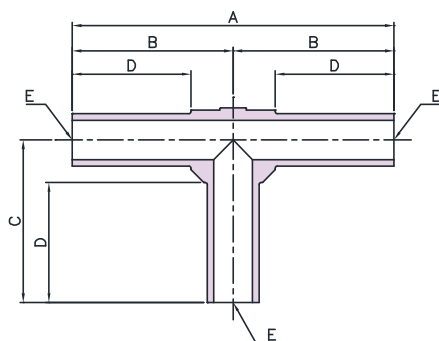
IWE



PART No.	A	B	C (TUBE SIZE)
Inch connection		Dimension : mm	
IWE-14i-14i-H	28.1	20	1/4" x 5/32"
IWE-38i-38i-H	33.4	25	3/8" x 1/4"
IWE-12i-12i-H	39.3	29	1/2" x 3/8"
IWE-34i-34i-H	49.5	35	3/4" x 5/8"
IWE-1i-1i-H	62	45.5	1" x 7/8"

WELDING TEE

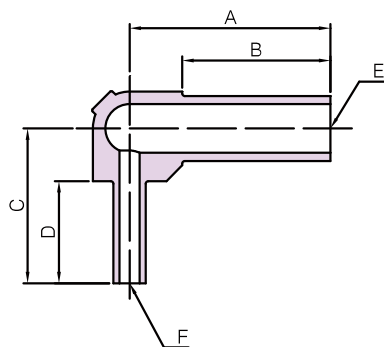
IWT



PART No.	A	B	C	D	E (TUBE SIZE)
Inch connection				Dimension : mm	
IWT-14i-14i-H	56.2	28.1	28.1	20	1/4" x 5/32"
IWT-38i-38i-H	66.8	33.4	33.4	25	3/8" x 1/4"
IWT-12i-12i-H	78.6	39.3	39.3	29	1/2" x 3/8"
IWT-34i-34i-H	90	49.5	49.5	35	3/4" x 5/8"
IWT-1i-1i-H	124	62	62	45.5	1" x 7/8"

REDUCING WELDING ELBOW

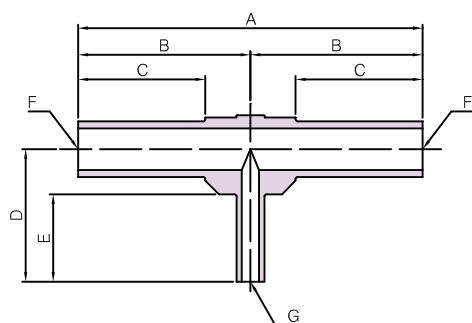
IRWE



PART No.	A	B	C	D	E (TUBE SIZE)	F (TUBE SIZE)
Inch connection				Dimension : mm		
IRWE-38i-14i-H	33.4	25	28.4	20	3/8" x 1/4"	1/4" x 5/32"
IRWE-12i-14i-H	39.3	29	30.3	//	1/2" x 3/8"	//
IRWE-12i-38i-H	//	//	35.3	25	//	3/8" x 1/4"
IRWE-34i-14i-H	49.5	35	34.5	20	3/4" x 5/8"	1/4" x 5/32"
IRWE-34i-38i-H	//	//	39.5	25	//	3/8" x 1/4"
IRWE-34i-12i-H	//	//	43.5	29	//	1/2" x 3/8"
IRWE-1i-14i-H	62	45.5	36.5	20	1" x 7/8"	1/4" x 5/32"
IRWE-1i-38i-H	//	//	41.5	25	//	3/8" x 1/4"
IRWE-1i-12i-H	//	//	45.5	29	//	1/2" x 3/8"
IRWE-1i-34i-H	//	//	51.5	35	//	3/4" x 5/8"

REDUCING WELDING TEE

IRWT



PART No.	A	B	C	D	E	F (TUBE SIZE)	G (TUBE SIZE)
Inch connection				Dimension : mm			
IRWT-38i-14i-H	66.8	33.4	25	28.4	20	3/8" x 1/4"	1/4" x 5/32"
IRWT-12i-14i-H	78.6	39.3	29	30.3	//	1/2" x 3/8"	//
IRWT-12i-38i-H	//	//	//	35.3	25	//	3/8" x 1/4"
IRWT-34i-14i-H	99	49.5	35	34.5	20	3/4" x 5/8"	1/4" x 5/32"
IRWT-34i-38i-H	//	//	//	39.5	25	//	3/8" x 1/4"
IRWT-34i-12i-H	//	//	//	43.5	29	//	1/2" x 3/8"
IRWT-1i-14i-H	124	62	45.5	36.5	20	1" x 7/8"	1/4" x 5/32"
IRWT-1i-38i-H	//	//	//	41.5	25	//	3/8" x 1/4"
IRWT-1i-12i-H	//	//	//	45.5	29	//	1/2" x 3/8"
IRWT-1i-34i-H	//	//	//	51.5	35	//	3/4" x 5/8"

PFA射出 VALVE

PTFE 가공 VALVE

PVC射出 VALVE

SUS VALVE

BELLOWS PUMP

FLOW METER

PFA FITTING
(Mega Lock Type)

QUARTZ FITTING
(Quartz Type)

PFA WELDING FITTING
(Welding Type)

PRODUCTS

02

Others

FUSION WELDING MACHINE

IFWM-SA100



SPECIFICATION

SPECIFICATION			
품명(品名)	PFA 용작기熔接机	가열 방식(加热方式)	카트리지 히터筒式加热器 150W x 4EA
모델(型号)	IFWM-SA100	구동 방식(驱动方式)	서보모터 구동伺服电机驱动
용작 적용 재질(适用熔接材料)	PFA	조작 방식(操作方式)	터치 패널 조작 방식触控面板操作方式
적용 사이즈(适用尺寸)	PFA Tube 및 Fitting (1/4"~1")	재질(材质)	알루미늄 합금铝合金 & SUS304
전원(电源)	220V 1Ø	본체 치수(本体尺寸)	600W x 500D x 720H
최대 가열 온도(最高加热温度)	500°C ±2	중량(重量)	60kg



TUBE FACE CUTTER

Unit : mm

TUBE SIZE	TUBE HOLDER	CUTTER BODY
1/4"	IFFC-14i	IFFC-CBS
3/8"	IFFC-38i	
1/2"	IFFC-12i	IFFC-CBB
3/4"	IFFC-34i	
1"	IFFC-1i	
Set Code No	IFFC-SET	



TUBE CUTTER

Unit : mm

TUBE SIZE	TUBE CUTTER
1/4"	IFTC-14i
3/8"	IFTC-38i
1/2"	IFTC-12i
3/4"	IFTC-34i
1"	IFTC-1i
Set Code No	IFTC-SET

PFA射出射出 VALVE

PTFE 가공 加工 VALVE

PVC射出射出 VALVE

SUS VALVE

BELLOWS PUMP

FLOW METER

PFA FITTING
(Mega Lock Type)

QUARTZ FITTING
(Quartz Type)

PFA WELDING FITTING
(Welding Type)

PRODUCTS