

CHAPTER 7

PFA FITTING

MEGA LOCK TYPE

01. Tube to Male pipe thread

- MALE CONNECTOR
- MALE ELBOW
- MALE TEE
- MALE RUN TEE

02. Tube to Female pipe thread

- FEMALE CONNECTOR
- FEMALE ELBOW
- FEMALE TEE

03. Tube to Tube

- UNION CONNECTOR
- UNION ELBOW
- UNION TEE
- REDUCING UNION CONNECTOR
- REDUCING UNION ELBOW
- REDUCING UNION TEE
- PANEL MOUNT UNION CONNECTOR
- PANEL MOUNT NUT

04. Space saver

- REDUCING UNION CONNECTOR ADAPTOR
- REDUCING UNION ELBOW ADAPTOR
- ELBOW ADAPTOR
- TEE ADAPTOR
- MALE CONNECTOR THROUGH (FERRULE TYPE)

05. Others

- TUBE CAP
- CAP SLEEVE / NUT / SLEEVE

05. Fitting Jig

- TUBE EXPANDING JIG
- NUT ASSEMBLY JIG

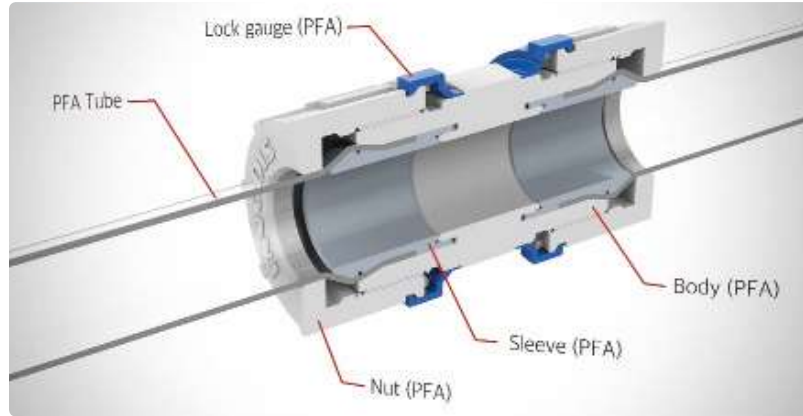
INODIS

PFA FITTING

MEGA LOCK TYPE

5중 실링 구조에 의한 우수한 밀폐력과 튜브보다 높은 인장강도와 최대 200°C에서도 견디는 PFA Fitting입니다.

双重密封结构的优秀密封度, 比软管更大的抗张力以及最高可承受200°C高温的PFA Fitting。

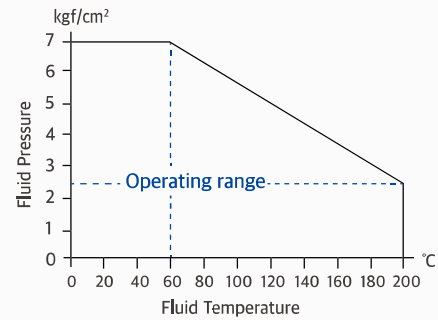


MEGA LOCK TYPE 제품 특성 产品的特性

- Slide 압입 Type의 5중 Sealing 구조
Slide压入式5重密封结构
- 미세 진동에 의한 너트 풀림 방지 Lock 기능
防止微细震动导致NUT松动的Lock功能
- Lock Gauge 홈 확인으로 아이 마킹 불필요
透过Lock Gauge槽查看, 无需眼标(Eye Marking)
- Lock Gauge 홈 확인으로 Gauge 불필요
透过Lock Gauge槽查看, 无需Gauge
- PFA Tube 빠짐 현상 기능 개선
改善PFA Tube脱落现象
- 너트 체결 시 조임 토크 저감 설계
采用拧紧NUT时降低拧动转矩的设计
- Lock Gauge 소리 알림 기능으로 너트 체결 용이
有Lock Gauge 声音提醒功能, 拧紧NUT 很容易
- Lock Gauge 육안 확인 기능으로 너트 체결 용이
有Lock Gauge 肉眼确认功能, 拧紧NUT 很容易
- Compact Design
设计小巧

SPECIFICATION

TUBE Material	Max pressure in operation
PFA, PTFE	7kgf/cm ²
Max temperature in operation	Fluid
200°C	For liquid use only
Ambient temperature range	
-15°C ~ 60°C	

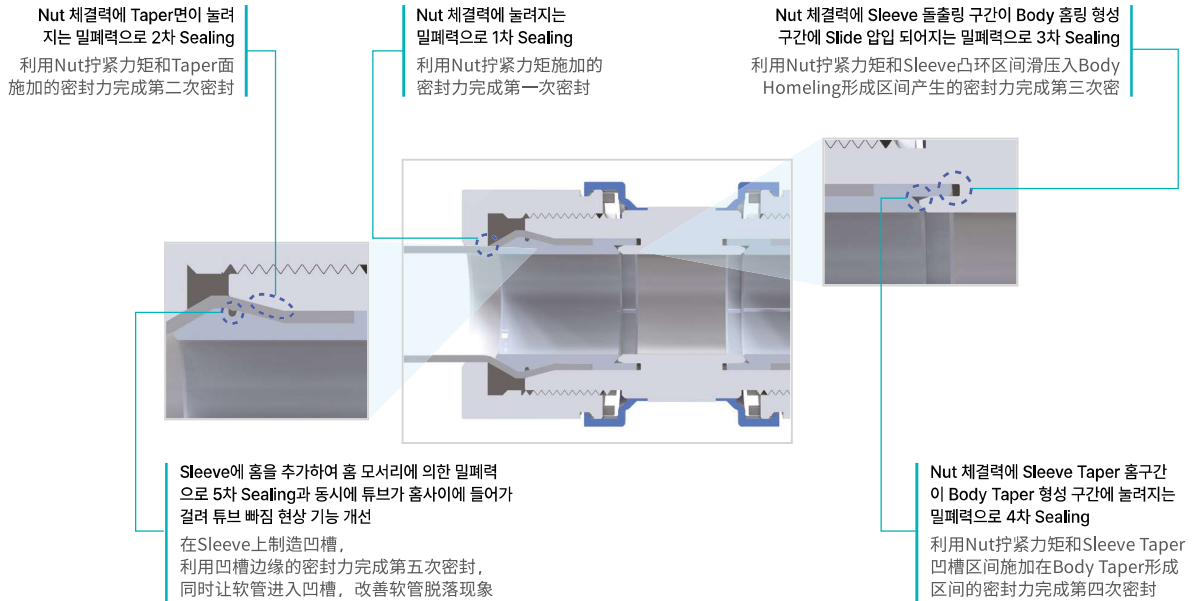


TUBE SIZE

Metric connection		Unit : mm	
Tube size O.D × I.D	Thickness	Tolerance	
		O.D	Thickness
3×2	0.5	±0.10	±0.05
4×3			
6×4			
8×6	1.0	±0.12	±0.06
10×8			
12×10			
19×15.8	1.6	±0.20	±0.10
25×22	1.5		

Inch connection		Unit : mm	
Tube size O.D × I.D	Thickness	Tolerance	
		O.D	Thickness
3.18×2.18 (1/8"×0.086")	0.5	±0.10	±0.05
6.35×3.95 (1/4"×5/32")	1.2		
9.53×6.33 (3/8"×1/4")			
12.7×9.5 (1/2"×3/8")	1.6 (1/16")	±0.12	±0.10
19×15.8 (3/4"×5/8")			
25.4×22.2 (1"×7/8")			

MEGA LOCK TYPE SEALING 구조 MEGA LOCK TYPE SEALING 结构



MEGA LOCK TYPE

SLIDE 압입 TYPE의 5중 SEALING 구조 SLIDE 压入式五重密封结构

MEGA LOCK 너트 체결 확인 检查 MEGA LOCK NUT的拧紧状态



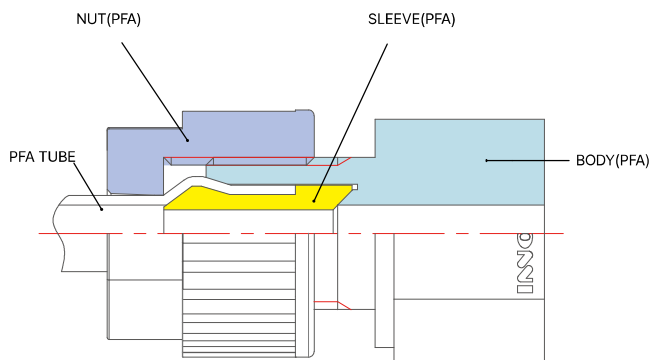
MEGA LOCK FITTING LOCK GAUGE TYPE



SLEEVE 삽입 절차 SLEEVE 安插步骤

- Sleeve를 Tube에 삽입하기 전에 Nut의 방향을 확인하고 Sleeve를 Tube에 삽입해 주시기 바랍니다.
在使用插入工具把Sleeve插入Tube之前, 先确认Nut的方向, 再把Nut插入Tube。
 - Sleeve를 Tube에 삽입할 때 Tube와 Sleeve의 Tube 끝단 사이에 간격이 남아 있을 수 있습니다.
이 경우 Sleeve와 Tube의 간격이 Sleeve 직선 구간의 80%이상 Tube를 삽입해 주시기 바랍니다.
将Sleeve插入Tube时, Tube与Sleeve的Tube末端之间可能会留有间隔。
此时, 使Sleeve与Tube的间距达到Sleeve直线区间的80%以上再插入Tube。
 - Sleeve가 삽입된 Tube를 Fitting & Unit에 삽입하고, Lock Gauge가 Nut 체결 홈에 들어갈 때까지 Nut를 회전 체결해주시기 바랍니다.
소리가 들림과 동시에 Lock Gauge가 Nut 체결 홈에 들어가는 것이 보일 것입니다.
将插好Sleeve的Tube插入Fitting & Unit, 旋转拧紧Nut, 直至Lock Gauge进入Nut连接槽内。
听到声音后, 将看到Lock Gauge进入Nut连接槽内。
 - 너트 체결 전용 지그를 사용하면 Nut를 보다 효율적으로 조일 수 있습니다.
使用拧紧Nut的专用夹具能更有效地拧紧Nut。
- ※ 주의 : Fitting 재사용의 경우 Sleeve 분해 시 Tube를 상하좌우로 흔들어서 분리하여 주시기 바랍니다.
무리하게 Sleeve 분해 시 Sleeve에서 Tube가 분리될 우려가 있습니다.
- ※ 注意 : 接头再次使用的时候, Sleeve拆卸时 请把Tube上下左右摇一摇后拆卸。
不合理的拆卸时, 会出现Sleeve和Tube分离的现象。

SMALL SIZED MODELS (1/8", 3MM, 4MM)



SMALL SIZED MODELS (1/8", 3MM, 4MM)

소형 Fitting에는 Lock Gauge가 장착되지 않으므로 제조 업체에 문의 하시기 바랍니다.
小型Fitting上未安装Lock Gauge, 请使用制造商提供的口径规或咨询。

- 사양 및 치수는 변경될 수 있습니다.
功能以及尺寸会有变动。
- 모든 치수는 참고용입니다.
此手册的尺寸只需要参考用。
- 이 카탈로그의 데이터는 참고용이며 보증으로 해석되어서는 안됩니다.
此手册的数据为参考用,不可为保证。



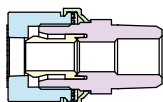
주의 注意

안전을 위해 설치 및 작동 전에 지침을 따르십시오.
为了安全, 安装及启动前请遵守指示。

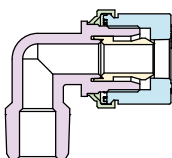
07 CONTENT

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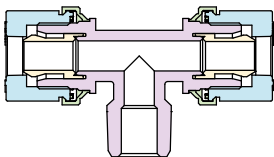
01 TUBE TO MALE PIPE THREAD



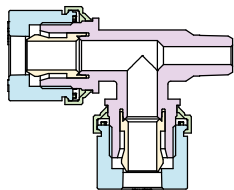
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MALE ELBOW 83 - 84

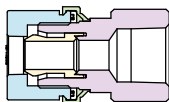


MALE TEE 85 - 86

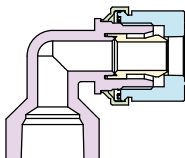


MALE RUN TEE 87

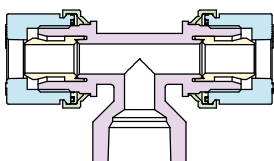
02 TUBE TO FEMALE PIPE THREAD



FEMALE CONNECTOR 90 - 91

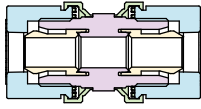


FEMALE ELBOW 92 - 93

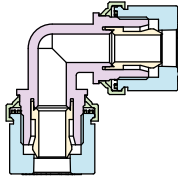


FEMALE TEE 94 - 95

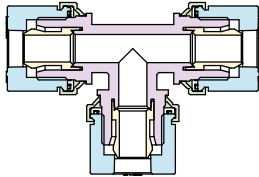
03 TUBE TO TUBE



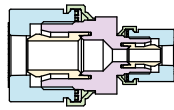
UNION CONNECTOR 98



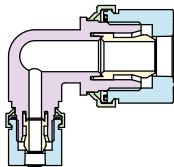
UNION ELBOW 98



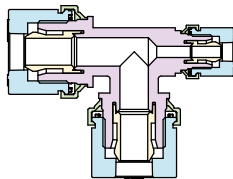
UNION TEE 98



REDUCING UNION CONNECTOR 99



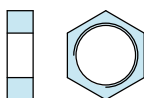
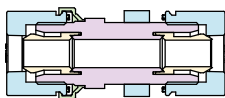
REDUCING UNION ELBOW 100



REDUCING UNION TEE 101 - 102

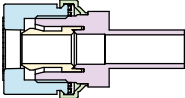
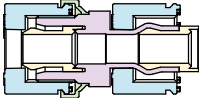
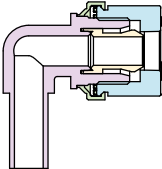
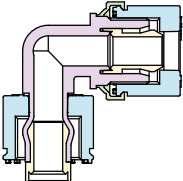
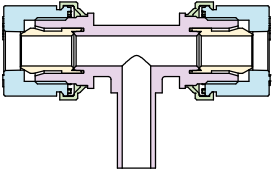
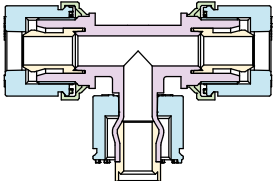
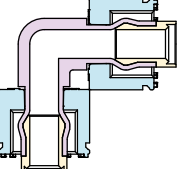
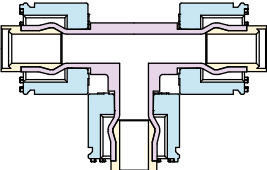
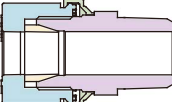
PANEL MOUNT
UNION CONNECTOR

PANEL
MOUNT NUT

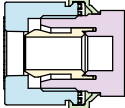
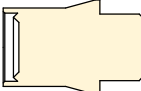
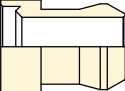


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01

Tube to Male pipe thread

MALE CONNECTOR

MALE ELBOW

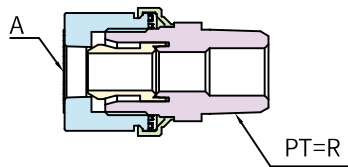
MALE TEE

MALE RUN TEE

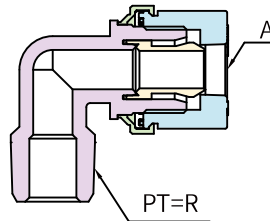
MALE

MEGA LOCK TYPE

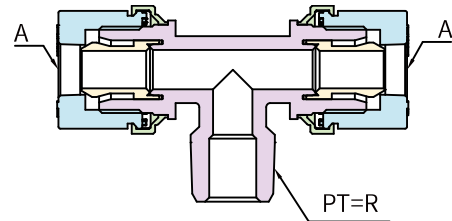
MALE CONNECTOR



MALE ELBOW



MALE TEE



IMC - 12i - R38 - M1

M1 : Mega Lock Type (사출射出)

Size : R=PT
N=NPT

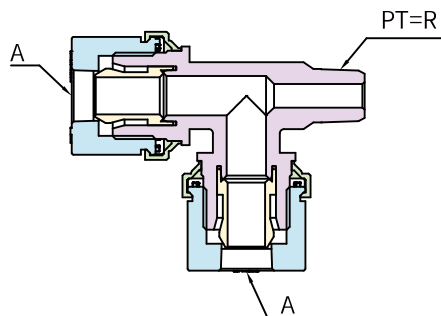
Tube Size : A (i=inch/m=mm)

IMC : Innodis Male Connector

IME : Innodis Male Elbow

IMT : Innodis Male Tee

MALE RUN TEE



IMRT - 12i - 12i - R38 - M1

M1 : Mega Lock Type (사출射出)

Size : R=PT
N=NPT

Tube Size : A (i=inch/m=mm)

IMRT : Innodis Male Run Tee

PFA사출射出 VALVE

PTFE가공 加工 VALVE

PVC사출射出 VALVE

SUS VALVE

BELLOWS PUMP

FLOW METER

PFA FITTING
(Mega Lock Type)

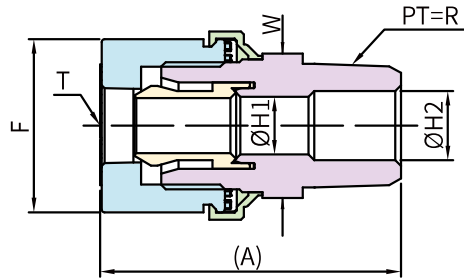
QUARTZ FITTING
(Quartz Type)

PFA WELDING FITTING
(Welding Type)

PRODUCTS

MALE CONNECTOR

IMC



PART No.	Tube Size	Thread Size	(A)	ØH1	ØH2	F	W
metric connection (R=PT)							Dimension : mm
IMC - 3m - R18 - M1	3 x 2	R 1/8	28	3	3	12.7	12
IMC - 4m - R18 - M1	4 x 3	"	"	"	"	"	"
IMC - 6m - R18 - M1	6 x 4	"	34.9	4	4	17	16
IMC - 6m - R14 - M1	"	R 1/4	38.8	"	6	"	"
IMC - 6m - R38 - M1	"	R 3/8	38.9	"	10	"	"
IMC - 6m - R12 - M1	"	R 1/2	44.9	"	12	"	21
IMC - 8m - R18 - M1	8 x 6	R 1/8	36.7	6	4	20	18
IMC - 8m - R14 - M1	"	R 1/4	40.7	"	6	"	"
IMC - 8m - R38 - M1	"	R 3/8	"	"	10	"	"
IMC - 8m - R12 - M1	"	R 1/2	44.7	"	12	"	21
IMC - 10m - R18 - M1	10 x 8	R 1/8	39.5	8	4	25	21
IMC - 10m - R14 - M1	"	R 1/4	43.5	"	6	"	"
IMC - 10m - R38 - M1	"	R 3/8	"	"	10	"	"
IMC - 10m - R12 - M1	"	R 1/2	47.5	"	12	"	"
IMC - 10m - R34 - M1	"	R 3/4	49.5	"	16	"	25
IMC - 12m - R14 - M1	12 x 10	R 1/4	48.2	10	6	30	"
IMC - 12m - R38 - M1	"	R 3/8	"	"	10	"	"
IMC - 12m - R12 - M1	"	R 1/2	52.2	"	12	"	"
IMC - 12m - R34 - M1	"	R 3/4	54.2	"	16	"	"
IMC - 19m - R14 - M1	19 x 15.8	R 1/4	58.4	16	6	40	34
IMC - 19m - R38 - M1	"	R 3/8	"	"	10	"	"
IMC - 19m - R12 - M1	"	R 1/2	62.4	"	12	"	"
IMC - 19m - R34 - M1	"	R 3/4	64.3	"	16	"	"
IMC - 19m - R1 - M1	"	R 1	67.4	"	22	"	"
IMC - 25m - R12 - M1	25 x 22	R 1/2	73.1	22	12	50.5	43
IMC - 25m - R34 - M1	"	R 3/4	75.1	"	16	"	"
IMC - 25m - R1 - M1	"	R 1	78.1	"	22	"	"

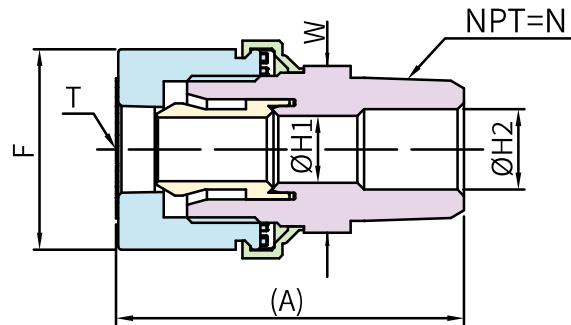
Inch connection (R=PT)							Dimension : mm
IMC - 18i - R18 - M1	1/8" x 0.086"	R 1/8	28	3	3	12.7	12
IMC - 14i - R18 - M1	1/4" x 5/32"	"	34.9	4	4	17	16
IMC - 14i - R14 - M1	"	R 1/4	38.8	"	6	"	"
IMC - 14i - R38 - M1	"	R 3/8	38.9	"	10	"	"
IMC - 14i - R12 - M1	"	R 1/2	44.9	"	12	"	21
IMC - 38i - R18 - M1	3/8" x 1/4"	R 1/8	39.5	8	4	25	21
IMC - 38i - R14 - M1	"	R 1/4	43.5	"	6	"	"
IMC - 38i - R38 - M1	"	R 3/8	"	"	10	"	"
IMC - 38i - R12 - M1	"	R 1/2	47.5	"	12	"	"
IMC - 38i - R34 - M1	"	R 3/4	49.5	"	16	"	25
IMC - 12i - R14 - M1	1/2" x 3/8"	R 1/4	48.2	10	6	30	"
IMC - 12i - R38 - M1	"	R 3/8	"	"	10	"	"
IMC - 12i - R12 - M1	"	R 1/2	52.2	"	12	"	"
IMC - 12i - R34 - M1	"	R 3/4	54.2	"	16	"	"
IMC - 34i - R14 - M1	3/4" x 5/8"	R 1/4	58.4	16	6	40	34
IMC - 34i - R38 - M1	"	R 3/8	"	"	10	"	"
IMC - 34i - R12 - M1	"	R 1/2	62.4	"	12	"	"
IMC - 34i - R34 - M1	"	R 3/4	64.3	"	16	"	"
IMC - 34i - R1 - M1	"	R 1	67.4	"	22	"	"
IMC - 1i - R12 - M1	1" x 7/8"	R 1/2	73.1	22	12	50.5	43
IMC - 1i - R34 - M1	"	R 3/4	75.1	"	16	"	"
IMC - 1i - R1 - M1	"	R 1	78.1	"	22	"	"

•PART NO. 외에 사이즈는 영업부에 문의하여 주시기 바랍니다

PART NO. 以外の尺寸 请咨询营业部

MALE CONNECTOR

IMC



PART No.	Tube Size	Thread Size	(A)	ØH1	ØH2	F	W
metric connection (N=NPT)			Dimension : mm				
IMC - 6m - N18 - M1	6 x 4	NPT 1/8	34.9	4	4	17	16
IMC - 6m - N14 - M1	"	NPT 1/4	38.8	"	6	"	"
IMC - 6m - N38 - M1	"	NPT 3/8	38.9	"	10	"	"
IMC - 8m - N38 - M1	8 x 6	NPT 3/8	40.7	6	10	20	18
IMC - 10m - N14 - M1	10 x 8	NPT 1/4	43.5	8	6	25	21
IMC - 10m - N38 - M1	"	NPT 3/8	"	"	10	"	"
IMC - 10m - N12 - M1	"	NPT 1/2	47.5	"	12	"	"
IMC - 12m - N38 - M1	12 x 10	NPT 3/8	48.2	10	10	30	25
IMC - 12m - N12 - M1	"	NPT 1/2	52.2	"	12	"	"
IMC - 12m - N34 - M1	"	NPT 3/4	54.2	"	16	"	"
IMC - 19m - N12 - M1	19 x 15.8	NPT 1/2	62.4	16	12	40	34
IMC - 19m - N34 - M1	"	NPT 3/4	64.3	"	16	"	"
IMC - 19m - N1 - M1	"	NPT 1	67.4	"	22	"	"
IMC - 25m - N12 - M1	25 x 22	NPT 1/2	73.1	22	12	50.5	43
IMC - 25m - N34 - M1	"	NPT 3/4	75.1	"	16	"	"
IMC - 25m - N1 - M1	"	NPT 1	78.1	"	22	"	"
Inch connection (N=NPT)			Dimension : mm				
IMC - 14i - N18 - M1	1/4" x 5/32"	NPT 1/8	34.9	4	4	17	16
IMC - 14i - N14 - M1	"	NPT 1/4	38.8	"	6	"	"
IMC - 14i - N38 - M1	"	NPT 3/8	38.9	"	10	"	"
IMC - 38i - N14 - M1	3/8" x 1/4"	NPT 1/4	43.5	8	6	25	21
IMC - 38i - N38 - M1	"	NPT 3/8	"	"	10	"	"
IMC - 38i - N12 - M1	"	NPT 1/2	47.5	"	12	"	"
IMC - 12i - N38 - M1	1/2" x 3/8"	NPT 3/8	48.2	10	10	30	25
IMC - 12i - N12 - M1	"	NPT 1/2	52.2	"	12	"	"
IMC - 12i - N34 - M1	"	NPT 3/4	54.2	"	16	"	"
IMC - 34i - N12 - M1	3/4" x 5/8"	NPT 1/2	62.4	16	12	40	34
IMC - 34i - N34 - M1	"	NPT 3/4	64.3	"	16	"	"
IMC - 34i - N1 - M1	"	NPT 1	67.4	"	22	"	"
IMC - 1i - N12 - M1	1" x 7/8"	NPT 1/2	73.1	22	12	50.5	43
IMC - 1i - N34 - M1	"	NPT 3/4	75.1	"	16	"	"
IMC - 1i - N1 - M1	"	NPT 1	78.1	"	22	"	"

•PART NO. 외에 사이즈는 영업부에 문의하여 주시기 바랍니다

PART NO. 以外の尺寸 请咨询营业部

PFA射出射出 VALVE

PTFE 가공 VALVE

PVC射出射出 VALVE

SUS VALVE

BELLOWS PUMP

FLOW METER

PFA FITTING
(Mega Lock Type)

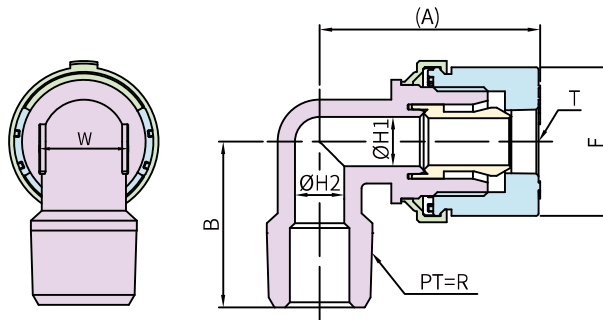
QUARTZ FITTING
(Quartz Type)

PFA WELDING FITTING
(Welding Type)

PRODUCTS

MALE ELBOW

IME



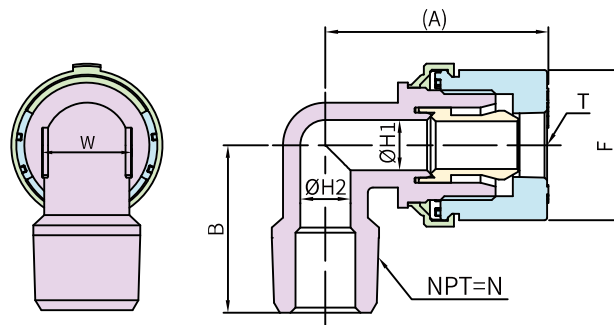
PART No.	Tube Size	Thread Size	(A)	B	ØH1	ØH2	F	W
metric connection (R=PT)			Dimension : mm					
IME - 3m - R18 - M1	3 x 2	R 1/8	24.1	19.2	3	3	12.7	7
IME - 4m - R18 - M1	4 x 3	"	"	"	"	"	"	"
IME - 6m - R18 - M1	6 x 4	"	30.4	20.5	4	4	17	9.6
IME - 6m - R14 - M1	"	R 1/4	30.3	25.5	"	"	"	"
IME - 6m - R38 - M1	"	R 3/8	30.4	25	"	"	"	"
IME - 6m - R12 - M1	"	R 1/2	33.4	31.5	"	8	"	14.8
IME - 8m - R14 - M1	8 x 6	R 1/4	33.7	26.5	6	6	20	13
IME - 8m - R38 - M1	"	R 3/8	"	"	"	"	"	"
IME - 10m - R18 - M1	10 x 8	R 1/8	37.7	23.2	8	4	25	14.8
IME - 10m - R14 - M1	"	R 1/4	"	27.7	"	6	"	"
IME - 10m - R38 - M1	"	R 3/8	"	"	"	8	"	"
IME - 10m - R12 - M1	"	R 1/2	"	31.2	"	"	"	"
IME - 12m - R14 - M1	12 x 10	R 1/4	44.2	29.5	10	6	30	18
IME - 12m - R38 - M1	"	R 3/8	"	"	"	10	"	"
IME - 12m - R12 - M1	"	R 1/2	"	33	"	"	"	"
IME - 12m - R34 - M1	"	R 3/4	"	35	"	"	"	"
IME - 19m - R38 - M1	19 x 15.8	R 3/8	56.4	34	16	10	40	27
IME - 19m - R12 - M1	"	R 1/2	"	37.5	"	12	"	"
IME - 19m - R34 - M1	"	R 3/4	"	39.5	"	16	"	"
IME - 19m - R1 - M1	"	R 1	"	"	"	"	"	"
IME - 25m - R38 - M1	25 x 22	R 3/8	67.7	38.3	22	10	50.5	34
IME - 25m - R12 - M1	"	R 1/2	"	41.8	"	12	"	"
IME - 25m - R34 - M1	"	R 3/4	"	43.8	"	16	"	"
IME - 25m - R1 - M1	"	R 1	"	47.8	"	22	"	"
Inch connection (R=PT)			Dimension : mm					
IME - 18i - R18 - M1	1/8" x 0.086"	R 1/8	24.1	19.2	3	3	12.7	7
IME - 14i - R18 - M1	1/4" x 5/32"	"	30.4	20.5	4	4	17	9.6
IME - 14i - R14 - M1	"	R 1/4	30.3	25.5	"	"	"	"
IME - 14i - R38 - M1	"	R 3/8	30.4	25	"	"	"	"
IME - 14i - R12 - M1	"	R 1/2	33.4	31.5	"	8	"	14.8
IME - 38i - R18 - M1	3/8" x 1/4"	R 1/8	37.7	23.2	8	4	25	"
IME - 38i - R14 - M1	"	R 1/4	"	27.7	"	6	"	"
IME - 38i - R38 - M1	"	R 3/8	"	"	"	8	"	"
IME - 38i - R12 - M1	"	R 1/2	"	31.2	"	"	"	"
IME - 12i - R14 - M1	1/2" x 3/8"	R 1/4	44.2	29.5	10	6	30	18
IME - 12i - R38 - M1	"	R 3/8	"	"	"	10	"	"
IME - 12i - R12 - M1	"	R 1/2	"	33	"	"	"	"
IME - 12i - R34 - M1	"	R 3/4	"	35	"	"	"	"
IME - 34i - R38 - M1	3/4" x 5/8"	R 3/8	56.4	34	16	10	40	27
IME - 34i - R12 - M1	"	R 1/2	"	37.5	"	12	"	"
IME - 34i - R34 - M1	"	R 3/4	"	39.5	"	16	"	"
IME - 34i - R1 - M1	"	R 1	"	"	"	"	"	"
IME - 1i - R38 - M1	1" x 7/8"	R 3/8	67.7	38.3	22	10	50.5	34
IME - 1i - R12 - M1	"	R 1/2	"	41.8	"	12	"	"
IME - 1i - R34 - M1	"	R 3/4	"	43.8	"	16	"	"
IME - 1i - R1 - M1	"	R 1	"	47.8	"	22	"	"

•PART NO. 외에 사이즈는 영업부에 문의하여 주시기 바랍니다

PART NO. 以外の尺寸 请咨询营业部

MALE ELBOW

IME



PART No.	Tube Size	Thread Size	(A)	(B)	ØH1	ØH2	F	W
metric connection (N=NPT)			Dimension : mm					
IME - 6m - N18 - M1	6 x 4	NPT 1/8	30.4	20.5	4	4	17	9.6
IME - 6m - N14 - M1	"	NPT 1/4	"	25.5	"	"	"	"
IME - 6m - N38 - M1	"	NPT 3/8	"	25	"	"	"	"
IME - 8m - N38 - M1	8 x 6	NPT 3/8	33.7	26.5	6	6	20	13
IME - 10m - N14 - M1	10 x 8	NPT 1/4	37.7	27.7	8	6	25	14.8
IME - 10m - N38 - M1	"	NPT 3/8	"	"	"	8	"	"
IME - 10m - N12 - M1	"	NPT 1/2	"	31.2	"	"	"	"
IME - 12m - N38 - M1	12 x 10	NPT 3/8	44.2	29.5	10	10	30	18
IME - 12m - N12 - M1	"	NPT 1/2	"	33	"	"	"	"
IME - 12m - N34 - M1	"	NPT 3/4	"	35	"	"	"	"
IME - 19m - N12 - M1	19 x 15.8	NPT 1/2	56.4	37.5	16	12	40	27
IME - 19m - N34 - M1	"	NPT 3/4	"	39.5	"	16	"	"
IME - 19m - N1 - M1	"	NPT 1	"	"	"	"	"	"
IME - 25m - N12 - M1	25 x 22	NPT 1/2	67.7	41.8	22	12	50.5	34
IME - 25m - N34 - M1	"	NPT 3/4	"	43.8	"	16	"	"
IME - 25m - N1 - M1	"	NPT 1	"	47.8	"	22	"	"
Inch connection (N=NPT)			Dimension : mm					
IME - 14i - N18 - M1	1/4" x 5/32"	NPT 1/8	30.4	20.5	4	4	17	9.6
IME - 14i - N14 - M1	"	NPT 1/4	"	25.5	"	"	"	"
IME - 14i - N38 - M1	"	NPT 3/8	"	25	"	"	"	"
IME - 38i - N14 - M1	3/8" x 1/4"	NPT 1/4	37.7	27.7	8	6	25	14.8
IME - 38i - N38 - M1	"	NPT 3/8	"	"	"	8	"	"
IME - 38i - N12 - M1	"	NPT 1/2	"	31.2	"	"	"	"
IME - 12i - N38 - M1	1/2" x 3/8"	NPT 3/8	44.2	29.5	10	10	30	18
IME - 12i - N12 - M1	"	NPT 1/2	"	33	"	"	"	"
IME - 12i - N34 - M1	"	NPT 3/4	"	35	"	"	"	"
IME - 34i - N12 - M1	3/4" x 5/8"	NPT 1/2	56.4	37.5	16	12	40	27
IME - 34i - N34 - M1	"	NPT 3/4	"	39.5	"	16	"	"
IME - 34i - N1 - M1	"	NPT 1	"	"	"	"	"	"
IME - 1i - N12 - M1	1" x 7/8"	NPT 1/2	67.7	41.8	22	12	50.5	34
IME - 1i - N34 - M1	"	NPT 3/4	"	43.8	"	16	"	"
IME - 1i - N1 - M1	"	NPT 1	"	47.8	"	22	"	"

•PART NO. 외에 사이즈는 영업부에 문의하여 주시기 바랍니다

PART NO. 以外の尺寸 请咨询营业部

PFA射出 VALVE

PTFE 가공 VALVE

PVC射出 VALVE

SUS VALVE

BELLOWS PUMP

FLOW METER

PFA FITTING
(Mega Lock Type)

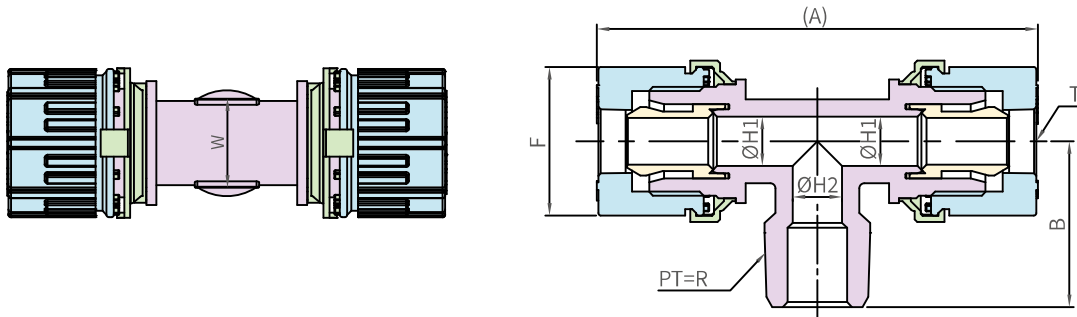
QUARTZ FITTING
(Quartz Type)

PFA WELDING FITTING
(Welding Type)

PRODUCTS

MALE TEE

IMT



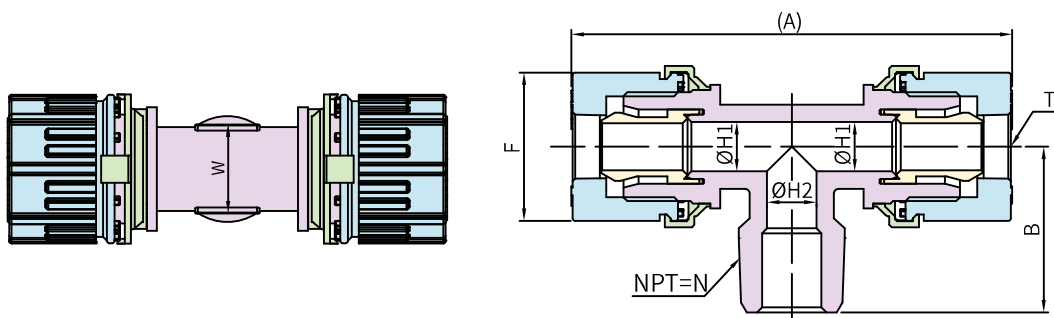
PART No.	Tube Size	Thread Size	(A)	B	ØH1	ØH2	F	W
metric connection (R=PT)			Dimension : mm					
IMT - 3m - R18 - M1	3 x 2	R 1/8	48.1	19.2	3	3	12.7	7
IMT - 4m - R18 - M1	4 x 3	"	"	"	"	"	"	"
IMT - 6m - R18 - M1	6 x 4	"	60.8	20.5	4	4	17	9.6
IMT - 6m - R14 - M1	"	R 1/4	"	25.5	"	"	"	"
IMT - 6m - R38 - M1	"	R 3/8	"	25	"	"	"	"
IMT - 8m - R14 - M1	8 x 6	R 1/4	67.4	26.5	6	6	20	13
IMT - 8m - R38 - M1	"	R 3/8	"	"	"	"	"	"
IMT - 10m - R14 - M1	10 x 8	R 1/4	75.8	27.8	8	8	25	14.8
IMT - 10m - R38 - M1	"	R 3/8	"	"	"	"	"	"
IMT - 10m - R12 - M1	"	R 1/2	"	31.3	"	"	"	"
IMT - 12m - R14 - M1	12 x 10	R 1/4	88.9	29.5	10	6	30	18
IMT - 12m - R38 - M1	"	R 3/8	"	"	"	10	"	"
IMT - 12m - R12 - M1	"	R 1/2	"	33	"	"	"	"
IMT - 12m - R34 - M1	"	R 3/4	"	35	"	"	"	"
IMT - 19m - R38 - M1	19 x 15.8	R 3/8	112.8	34	16	10	40	27
IMT - 19m - R12 - M1	"	R 1/2	"	37.5	"	12	"	"
IMT - 19m - R34 - M1	"	R 3/4	"	39.5	"	16	"	"
IMT - 19m - R1 - M1	"	R 1	"	"	"	"	"	"
IMT - 25m - R12 - M1	25 x 22	R 1/2	135.8	42	22	12	50.5	34
IMT - 25m - R34 - M1	"	R 3/4	"	44	"	16	"	"
IMT - 25m - R1 - M1	"	R 1	"	48	"	22	"	"
Inch connection (R=PT)			Dimension : mm					
IMT - 18i - R18 - M1	1/8" x 0.086"	R 1/8	48.1	19.2	3	3	12.7	7
IMT - 14i - R18 - M1	1/4" x 5/32"	"	60.8	20.5	4	4	17	9.6
IMT - 14i - R14 - M1	"	R 1/4	"	25.5	"	"	"	"
IMT - 14i - R38 - M1	"	R 3/8	"	25	"	"	"	"
IMT - 38i - R14 - M1	3/8" x 1/4"	R 1/4	75.8	27.8	8	8	25	14.8
IMT - 38i - R38 - M1	"	R 3/8	"	"	"	"	"	"
IMT - 38i - R12 - M1	"	R 1/2	"	31.3	"	"	"	"
IMT - 12i - R14 - M1	1/2" x 3/8"	R 1/4	88.9	29.5	10	6	30	18
IMT - 12i - R38 - M1	"	R 3/8	"	"	"	10	"	"
IMT - 12i - R12 - M1	"	R 1/2	"	33	"	"	"	"
IMT - 12i - R34 - M1	"	R 3/4	"	35	"	"	"	"
IMT - 34i - R38 - M1	3/4" x 5/8"	R 3/8	112.8	34	16	10	40	27
IMT - 34i - R12 - M1	"	R 1/2	"	37.5	"	12	"	"
IMT - 34i - R34 - M1	"	R 3/4	"	39.5	"	16	"	"
IMT - 34i - R1 - M1	"	R 1	"	"	"	"	"	"
IMT - 1i - R12 - M1	1" x 7/8"	R 1/2	135.8	42	22	12	50.5	34
IMT - 1i - R34 - M1	"	R 3/4	"	44	"	16	"	"
IMT - 1i - R1 - M1	"	R 1	"	48	"	22	"	"

•PART NO. 외에 사이즈는 영업부에 문의하여 주시기 바랍니다

PART NO. 以外の尺寸 请咨询营业部

MALE TEE

IMT



PART No.	Tube Size	Thread Size	(A)	B	ØH1	ØH2	F	W
metric connection (N=NPT)			Dimension : mm					
IMT - 6m - N18 - M1	6 x 4	NPT 1/8	60.8	20.5	4	4	17	9.6
IMT - 6m - N14 - M1	"	NPT 1/4	"	25.5	"	"	"	"
IMT - 6m - N38 - M1	"	NPT 3/8	"	25	"	"	"	"
IMT - 8m - N14 - M1	"	NPT 1/4	"	26.5	6	6	20	13
IMT - 8m - N38 - M1	"	NPT 3/8	"	"	"	"	"	"
IMT - 10m - N14 - M1	10 x 8	NPT 1/4	75.8	27.8	8	"	25	14.8
IMT - 10m - N38 - M1	"	NPT 3/8	"	"	"	8	"	"
IMT - 10m - N12 - M1	"	NPT 1/2	"	31.3	"	"	"	"
IMT - 12m - N38 - M1	12 x 10	NPT 3/8	88.9	29.5	10	10	30	18
IMT - 12m - N12 - M1	"	NPT 1/2	"	33	"	"	"	"
IMT - 12m - N34 - M1	"	NPT 3/4	"	35	"	"	"	"
IMT - 19m - N12 - M1	19 x 15.8	NPT 1/2	112.8	37.5	16	12	40	27
IMT - 19m - N34 - M1	"	NPT 3/4	"	39.5	"	16	"	"
IMT - 19m - N1 - M1	"	NPT 1	"	"	"	"	"	"
IMT - 25m - N12 - M1	25 x 22	NPT 1/2	135.8	42	22	12	50.5	34
IMT - 25m - N34 - M1	"	NPT 3/4	"	44	"	16	"	"
IMT - 25m - N1 - M1	"	NPT 1	"	48	"	22	"	"
Inch connection (N=NPT)			Dimension : mm					
IMT - 14i - N18 - M1	1/4" x 5/32"	NPT 1/8	60.8	20.5	4	4	17	9.6
IMT - 14i - N14 - M1	"	NPT 1/4	"	25.5	"	"	"	"
IMT - 14i - N38 - M1	"	NPT 3/8	"	25	"	"	"	"
IMT - 38i - N14 - M1	3/8" x 1/4"	NPT 1/4	75.8	27.8	8	6	25	14.8
IMT - 38i - N38 - M1	"	NPT 3/8	"	"	"	8	"	"
IMT - 38i - N12 - M1	"	NPT 1/2	"	31.3	"	"	"	"
IMT - 12i - N38 - M1	1/2" x 3/8"	NPT 3/8	88.9	29.5	10	10	30	18
IMT - 12i - N12 - M1	"	NPT 1/2	"	33	"	"	"	"
IMT - 12i - N34 - M1	"	NPT 3/4	"	35	"	"	"	"
IMT - 34i - N12 - M1	3/4" x 5/8"	NPT 1/2	112.8	37.5	16	12	40	27
IMT - 34i - N34 - M1	"	NPT 3/4	"	39.5	"	16	"	"
IMT - 34i - N1 - M1	"	NPT 1	"	"	"	"	"	"
IMT - 1i - N12 - M1	1" x 7/8"	NPT 1/2	135.8	42	22	12	50.5	34
IMT - 1i - N34 - M1	"	NPT 3/4	"	44	"	16	"	"
IMT - 1i - N1 - M1	"	NPT 1	"	48	"	22	"	"

•PART NO. 외에 사이즈는 영업부에 문의하여 주시기 바랍니다

PART NO. 以外の尺寸 请咨询营业部

PFA射出 VALVE

PTFE加工 VALVE

PVC射出 VALVE

SUS VALVE

BELLOWS PUMP

FLOW METER

PFA FITTING
(Mega Lock Type)

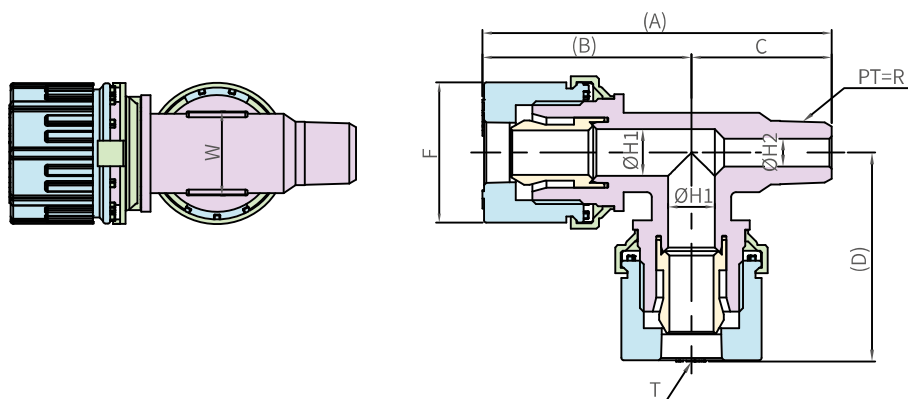
QUARTZ FITTING
(Quartz Type)

PFA WELDING FITTING
(Welding Type)

PRODUCTS

MALE RUN TEE

IMRT



PART No.	Tube Size	Thread Size	(A)	(B)	C	(D)	ØH1	ØH2	F	W
metric connection (R=PT)			Dimension : mm							
IMRT - 6m - 6m - R38 - M1	6 x 4	R 3/8	55.4	30.4	25	30.4	4	4	17	9.6
IMRT - 8m - 8m - R14 - M1	8 x 6	R 1/4	60.2	33.7	26.5	33.7	6	6	20	13
IMRT - 8m - 8m - R38 - M1	"	R 3/8	"	"	"	"	"	"	"	"
IMRT - 10m - 10m - R14 - M1	10 x 8	R 1/4	65.8	37.9	27.9	37.8	8	6	25	14.8
IMRT - 10m - 10m - R38 - M1	"	R 3/8	"	"	"	"	"	8	"	"
IMRT - 12m - 12m - R14 - M1	12 x 10	R 1/4	74.2	44.45	29.75	44.2	10	6	30	18
IMRT - 12m - 12m - R38 - M1	"	R 3/8	"	"	"	"	"	10	"	"
IMRT - 12m - 12m - R12 - M1	"	R 1/2	77.7	"	33.25	"	"	"	"	"
IMRT - 19m - 19m - R14 - M1	19 x 15.8	R 1/4	90.4	56.4	34	56.4	16	6	40	27
IMRT - 19m - 19m - R38 - M1	"	R 3/8	"	"	"	"	"	10	"	"
IMRT - 19m - 19m - R12 - M1	"	R 1/2	93	"	36.6	"	"	12	"	"
IMRT - 19m - 19m - R34 - M1	"	R 3/4	95.9	"	39.5	"	"	16	"	"
IMRT - 25m - 25m - R34 - M1	25 x 22	"	111.9	67.9	44	67.9	22	"	50.5	34
IMRT - 25m - 25m - R1 - M1	"	R 1	115.9	"	48	"	"	22	"	"

Inch connection (R=PT)			Dimension : mm							
IMRT - 14i - 14i - R38 - M1	1/4" x 5/32"	R 3/8	55.4	30.4	25	30.4	4	4	17	9.6
IMRT - 38i - 38i - R14 - M1	3/8" x 1/4"	R 1/4	65.8	37.9	27.9	37.8	8	6	25	14.8
IMRT - 38i - 38i - R38 - M1	"	R 3/8	"	"	"	"	"	8	"	"
IMRT - 12i - 12i - R14 - M1	1/2" x 3/8"	R 1/4	74.2	44.45	29.75	44.2	10	6	30	18
IMRT - 12i - 12i - R38 - M1	"	R 3/8	"	"	"	"	"	10	"	"
IMRT - 12i - 12i - R12 - M1	"	R 1/2	77.7	"	33.25	"	"	"	"	"
IMRT - 34i - 34i - R14 - M1	3/4" x 5/8"	R 1/4	90.4	56.4	34	56.4	16	6	40	27
IMRT - 34i - 34i - R38 - M1	"	R 3/8	"	"	"	"	"	10	"	"
IMRT - 34i - 34i - R12 - M1	"	R 1/2	93.9	"	37.5	"	"	12	"	"
IMRT - 34i - 34i - R34 - M1	"	R 3/4	95.9	"	39.5	"	"	16	"	"
IMRT - 1i - 1i - R34 - M1	1" x 7/8"	"	111.9	67.9	44	67.9	22	"	50.5	34
IMRT - 1i - 1i - R1 - M1	"	R 1	115.9	"	48	"	"	22	"	"

•PART NO. 외에 사이즈는 영업부에 문의하여 주시기 바랍니다

PART NO. 以外の尺寸 请咨询营业部

02

Tube to Female pipe thread

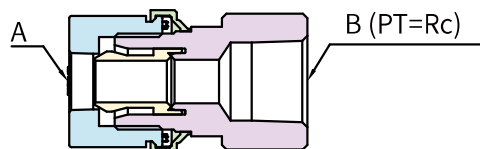
FEMALE CONNECTOR

FEMALE ELBOW

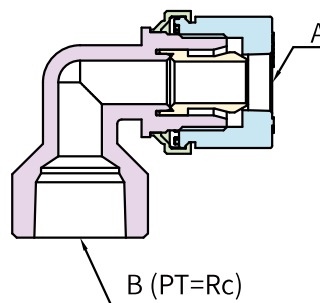
FEMALE TEE

FEMALE

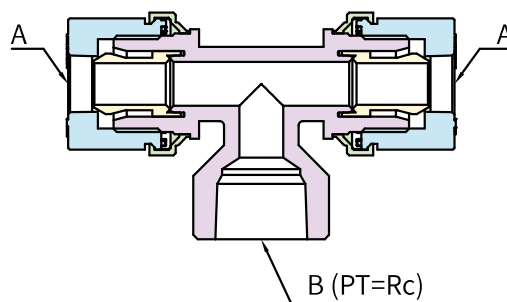
FEMALE CONNECTOR



FEMALE ELBOW



FEMALE TEE



IFC - 12i - R38 - M1

M1 : Mega Lock Type (사출射出)

Size : B (R=PT)
(N=NPT)

Tube Size : A (i=inch/m=mm)

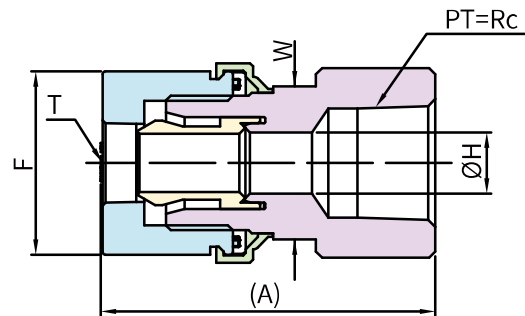
IFC : Innodis Female Connector

IFE : Innodis Female Elbow

IFT : Innodis Female Tee

FEMALE CONNECTOR

IFC



PART No.	Tube Size	Thread Size	(A)	ØH	F	W
metric connection (Rc=PT)			Dimension : mm			
IFC - 6m - R18 - M1	6 x 4	Rc 1/8	34.9	4	17	16
IFC - 6m - R14 - M1	"	Rc 1/4	41.9	"	"	"
IFC - 8m - R18 - M1	8 x 6	Rc 1/8	39.2	6	20	18
IFC - 8m - R14 - M1	"	Rc 1/4	43.2	"	"	"
IFC - 8m - R38 - M1	"	Rc 3/8	45.2	"	"	"
IFC - 10m - R18 - M1	10 x 8	Rc 1/8	42	8	25	21
IFC - 10m - R14 - M1	"	Rc 1/4	46	"	"	"
IFC - 10m - R38 - M1	"	Rc 3/8	48	"	"	"
IFC - 12m - R18 - M1	12 x 10	Rc 1/8	46.7	10	30	25
IFC - 12m - R14 - M1	"	Rc 1/4	50.7	"	"	"
IFC - 12m - R38 - M1	"	Rc 3/8	52.7	"	"	"
IFC - 12m - R12 - M1	"	Rc 1/2	54.7	"	"	"
IFC - 19m - R14 - M1	19 x 15.8	Rc 1/4	60.9	16	40	34
IFC - 19m - R38 - M1	"	Rc 3/8	62.9	"	"	"
IFC - 19m - R12 - M1	"	Rc 1/2	64.9	"	"	"
IFC - 19m - R34 - M1	"	Rc 3/4	69.4	"	"	"
IFC - 25m - R34 - M1	25 x 22	"	80.1	22	50.5	43
IFC - 25m - R1 - M1	"	Rc 1	84.1	"	"	"
Inch connection (Rc=PT)			Dimension : mm			
IFC - 14i - R18 - M1	1/4" x 5/32"	Rc 1/8	34.9	4	17	16
IFC - 14i - R14 - M1	"	Rc 1/4	41.9	"	"	"
IFC - 38i - R18 - M1	3/8" x 1/4"	Rc 1/8	42	8	25	21
IFC - 38i - R14 - M1	"	Rc 1/4	46	"	"	"
IFC - 38i - R38 - M1	"	Rc 3/8	48	"	"	"
IFC - 12i - R18 - M1	1/2" x 3/8"	Rc 1/8	46.7	10	30	25
IFC - 12i - R14 - M1	"	Rc 1/4	50.7	"	"	"
IFC - 12i - R38 - M1	"	Rc 3/8	52.7	"	"	"
IFC - 12i - R12 - M1	"	Rc 1/2	54.7	"	"	"
IFC - 34i - R14 - M1	3/4" x 5/8"	Rc 1/4	60.9	16	40	34
IFC - 34i - R38 - M1	"	Rc 3/8	62.9	"	"	"
IFC - 34i - R12 - M1	"	Rc 1/2	64.9	"	"	"
IFC - 34i - R34 - M1	"	Rc 3/4	69.4	"	"	"
IFC - 1i - R34 - M1	1" x 7/8"	"	80.1	22	50.5	43
IFC - 1i - R1 - M1	"	Rc 1	84.1	"	"	"

•PART NO. 외에 사이즈는 영업부에 문의하여 주시기 바랍니다

PART NO. 以外の尺寸 请咨询营业部

PFA射出 VALVE

PTFE 가공 VALVE

PVC射出 VALVE

SUS VALVE

BELLOWS PUMP

FLOW METER

PFA FITTING
(Mega Lock Type)

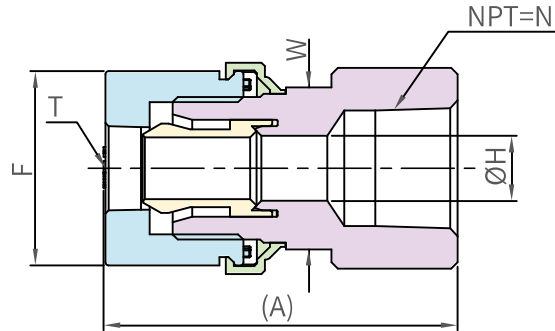
QUARTZ FITTING
(Quartz Type)

PFA WELDING FITTING
(Welding Type)

PRODUCTS

FEMALE CONNECTOR

IFC



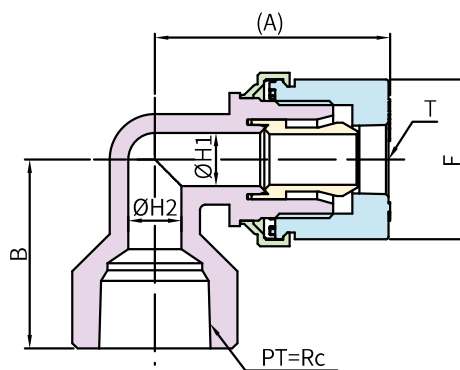
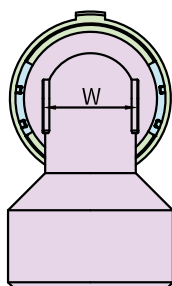
PART No.	Tube Size	Thread Size	(A)	ØH	F	W
metric connection (N=NPT)			Dimension : mm			
IFC - 6m - N18 - M1	6 x 4	NPT 1/8	34.9	4	17	16
IFC - 6m - N14 - M1	"	NPT 1/4	41.9	"	"	"
IFC - 8m - N18 - M1	8 x 6	NPT 1/8	39.2	6	20	18
IFC - 8m - N14 - M1	"	NPT 1/4	43.2	"	"	"
IFC - 8m - N38 - M1	"	NPT 3/8	45.2	"	"	"
IFC - 10m - N18 - M1	10 x 8	NPT 1/8	42	8	25	21
IFC - 10m - N14 - M1	"	NPT 1/4	46	"	"	"
IFC - 10m - N38 - M1	"	NPT 3/8	48	"	"	"
IFC - 12m - N18 - M1	12 x 10	NPT 1/8	46.7	10	30	25
IFC - 12m - N14 - M1	"	NPT 1/4	50.7	"	"	"
IFC - 12m - N38 - M1	"	NPT 3/8	52.7	"	"	"
IFC - 12m - N12 - M1	"	NPT 1/2	54.7	"	"	"
IFC - 19m - N14 - M1	19 x 15.8	NPT 1/4	60.9	16	40	34
IFC - 19m - N38 - M1	"	NPT 3/8	62.9	"	"	"
IFC - 19m - N12 - M1	"	NPT 1/2	64.9	"	"	"
IFC - 19m - N34 - M1	"	NPT 3/4	69.4	"	"	"
IFC - 25m - N34 - M1	25 x 22	NPT 3/4	80.1	22	50.5	43
IFC - 25m - N1 - M1	"	NPT 1	84.1	"	"	"
Inch connection (N=NPT)			Dimension : mm			
IFC - 14i - N18 - M1	1/4" x 5/32"	NPT 1/8	34.9	4	17	16
IFC - 14i - N14 - M1	"	NPT 1/4	41.9	"	"	"
IFC - 38i - N18 - M1	3/8" x 1/4"	NPT 1/8	42	8	25	21
IFC - 38i - N14 - M1	"	NPT 1/4	46	"	"	"
IFC - 38i - N38 - M1	"	NPT 3/8	48	"	"	"
IFC - 12i - N18 - M1	1/2" x 3/8"	NPT 1/8	46.7	10	30	25
IFC - 12i - N14 - M1	"	NPT 1/4	50.7	"	"	"
IFC - 12i - N38 - M1	"	NPT 3/8	52.7	"	"	"
IFC - 12i - N12 - M1	"	NPT 1/2	54.7	"	"	"
IFC - 34i - N14 - M1	3/4" x 5/8"	NPT 1/4	60.9	16	40	34
IFC - 34i - N38 - M1	"	NPT 3/8	62.9	"	"	"
IFC - 34i - N12 - M1	"	NPT 1/2	64.9	"	"	"
IFC - 34i - N34 - M1	"	NPT 3/4	69.4	"	"	"
IFC - 1i - N34 - M1	1" x 7/8"	NPT 3/4	80.1	22	50.5	43
IFC - 1i - N1 - M1	"	NPT 1	84.1	"	"	"

*PART NO. 외에 사이즈는 영업부에 문의하여 주시기 바랍니다

PART NO. 以外的尺寸 请咨询营业部

FEMALE ELBOW

IFE



PART No.	Tube Size	Thread Size	(A)	B	ØH1	ØH2	F	W
metric connection (Rc=PT)			Dimension : mm					
IFE - 6m - R18 - M1	6 x 4	Rc 1/8	30.4	21.5	4	4	17	9.6
IFE - 6m - R14 - M1	"	Rc 1/4	"	25.5	"	"	"	"
IFE - 8m - R18 - M1	8 x 6	Rc 1/8	33.7	22.5	6	6	20	13
IFE - 8m - R14 - M1	"	Rc 1/4	"	26.5	"	"	"	"
IFE - 8m - R38 - M1	"	Rc 3/8	"	28.5	"	"	"	"
IFE - 10m - R18 - M1	10 x 8	Rc 1/8	37.7	23.7	8	8	25	14.8
IFE - 10m - R14 - M1	"	Rc 1/4	"	27.7	"	"	"	"
IFE - 10m - R38 - M1	"	Rc 3/8	"	29.7	"	"	"	"
IFE - 12m - R18 - M1	12 x 10	Rc 1/8	44.2	25.5	10	8.2	30	18
IFE - 12m - R14 - M1	"	Rc 1/4	"	29.5	"	10	"	"
IFE - 12m - R38 - M1	"	Rc 3/8	"	31.5	"	"	"	"
IFE - 12m - R12 - M1	"	Rc 1/2	"	35.5	"	"	"	"
IFE - 19m - R38 - M1	19 x 15.8	Rc 3/8	56.4	36	16	14.3	40	27
IFE - 19m - R12 - M1	"	Rc 1/2	"	38	"	16	"	"
IFE - 19m - R34 - M1	"	Rc 3/4	"	42.5	"	"	"	"
IFE - 25m - R12 - M1	25 x 22	Rc 1/2	67.7	42.3	22	17.9	50.5	34
IFE - 25m - R34 - M1	"	Rc 3/4	"	46.8	"	22	"	"
IFE - 25m - R1 - M1	"	Rc 1	"	50.8	"	"	"	"
Inch connection (Rc=PT)			Dimension : mm					
IFE - 14i - R18 - M1	1/4" x 5/32"	Rc 1/8	30.4	21.5	4	4	17	9.6
IFE - 14i - R14 - M1	"	Rc 1/4	"	25.5	"	"	"	"
IFE - 38i - R18 - M1	3/8" x 1/4"	Rc 1/8	37.7	23.7	8	8	25	14.8
IFE - 38i - R14 - M1	"	Rc 1/4	"	27.7	"	"	"	"
IFE - 38i - R38 - M1	"	Rc 3/8	"	29.7	"	"	"	"
IFE - 12i - R18 - M1	1/2" x 3/8"	Rc 1/8	44.2	25.5	10	8.2	30	18
IFE - 12i - R14 - M1	"	Rc 1/4	"	29.5	"	10	"	"
IFE - 12i - R38 - M1	"	Rc 3/8	"	31.5	"	"	"	"
IFE - 12i - R12 - M1	"	Rc 1/2	"	35.5	"	"	"	"
IFE - 34i - R38 - M1	3/4" x 5/8"	Rc 3/8	56.4	36	16	14.3	40	27
IFE - 34i - R12 - M1	"	Rc 1/2	"	38	"	16	"	"
IFE - 34i - R34 - M1	"	Rc 3/4	"	42.5	"	"	"	"
IFE - 1i - R12 - M1	1" x 7/8"	Rc 1/2	67.7	42.3	22	17.9	50.5	34
IFE - 1i - R34 - M1	"	Rc 3/4	"	46.8	"	22	"	"
IFE - 1i - R1 - M1	"	Rc 1	"	50.8	"	"	"	"

•PART NO. 외에 사이즈는 영업부에 문의하여 주시기 바랍니다

PART NO. 以外の尺寸 请咨询营业部

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)

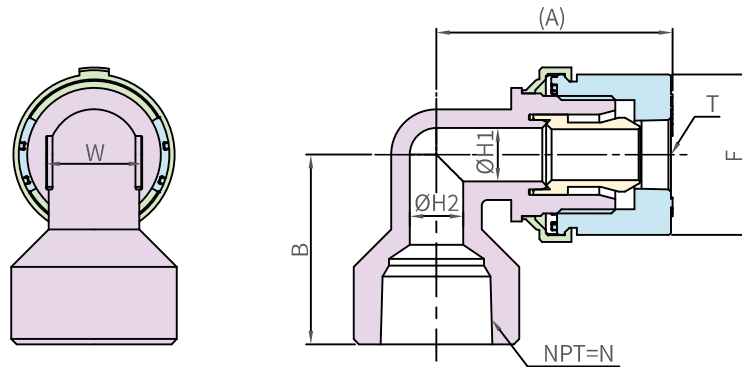
QUARTZ FITTING
(Quartz Type)

PFA WELDING FITTING
(Welding Type)

PRODUCTS

FEMALE ELBOW

IFE



PART No.	Tube Size	Thread Size	(A)	B	ØH1	ØH2	F	W
metric connection (N=NPT)			Dimension : mm					
IFE - 6m - N18 - M1	6 x 4	NPT 1/8	30.4	21.5	4	4	17	9.6
IFE - 6m - N14 - M1	"	NPT 1/4	"	25.5	"	"	"	"
IFE - 8m - N18 - M1	8 x 6	NPT 1/8	33.7	22.5	6	6	20	13
IFE - 8m - N14 - M1	"	NPT 1/4	"	26.5	"	"	"	"
IFE - 8m - N38 - M1	"	NPT 3/8	"	28.5	"	"	"	"
IFE - 10m - N18 - M1	10 x 8	NPT 1/8	37.7	23.7	8	8	25	14.8
IFE - 10m - N14 - M1	"	NPT 1/4	"	27.7	"	"	"	"
IFE - 10m - N38 - M1	"	NPT 3/8	"	29.7	"	"	"	"
IFE - 12m - N18 - M1	12 x 10	NPT 1/8	44.2	25.5	10	8.2	30	18
IFE - 12m - N14 - M1	"	NPT 1/4	"	29.5	"	10	"	"
IFE - 12m - N38 - M1	"	NPT 3/8	"	31.5	"	"	"	"
IFE - 12m - N12 - M1	"	NPT 1/2	"	35.5	"	"	"	"
IFE - 19m - N38 - M1	19 x 15.8	NPT 3/8	56.4	36	16	14.3	40	27
IFE - 19m - N12 - M1	"	NPT 1/2	"	38	"	16	"	"
IFE - 19m - N34 - M1	"	NPT 3/4	"	42.5	"	"	"	"
IFE - 25m - N12 - M1	25 x 22	NPT 1/2	67.7	42.3	22	17.9	50.5	34
IFE - 25m - N34 - M1	"	NPT 3/4	"	46.8	"	22	"	"
IFE - 25m - N1 - M1	"	NPT 1	"	50.8	"	"	"	"

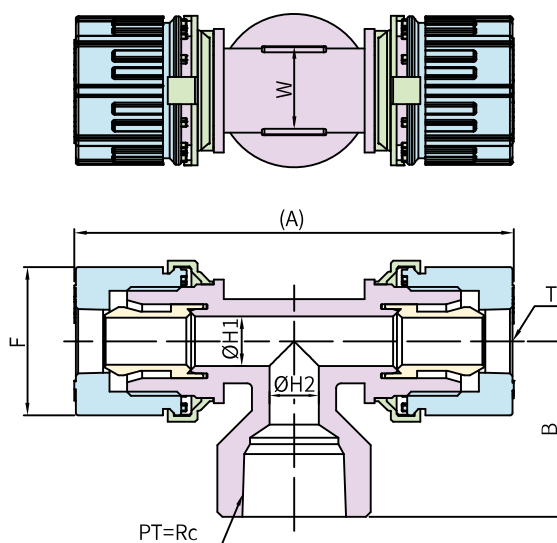
Inch connection (N=NPT)			Dimension : mm					
IFE - 14i - N18 - M1	1/4" x 5/32"	NPT 1/8	30.4	21.5	4	4	17	9.6
IFE - 14i - N14 - M1	"	NPT 1/4	"	25.5	"	"	"	"
IFE - 38i - N18 - M1	3/8" x 1/4"	NPT 1/8	37.7	23.7	8	8	25	14.8
IFE - 38i - N14 - M1	"	NPT 1/4	"	27.7	"	"	"	"
IFE - 38i - N38 - M1	"	NPT 3/8	"	29.7	"	"	"	"
IFE - 12i - N18 - M1	1/2" x 3/8"	NPT 1/8	44.2	25.5	10	8.2	30	18
IFE - 12i - N14 - M1	"	NPT 1/4	"	29.5	"	10	"	"
IFE - 12i - N38 - M1	"	NPT 3/8	"	31.5	"	"	"	"
IFE - 12i - N12 - M1	"	NPT 1/2	"	35.5	"	"	"	"
IFE - 34i - N38 - M1	3/4" x 5/8"	NPT 3/8	56.4	36	16	14.3	40	27
IFE - 34i - N12 - M1	"	NPT 1/2	"	38	"	16	"	"
IFE - 34i - N34 - M1	"	NPT 3/4	"	42.5	"	"	"	"
IFE - 1i - N12 - M1	1" x 7/8"	NPT 1/2	67.7	42.3	22	17.9	50.5	34
IFE - 1i - N34 - M1	"	NPT 3/4	"	46.8	"	22	"	"
IFE - 1i - N1 - M1	"	NPT 1	"	50.8	"	"	"	"

•PART NO. 외에 사이즈는 영업부에 문의하여 주시기 바랍니다

PART NO. 以外の尺寸 请咨询营业部

FEMALE TEE

IFT



PART No.	Tube Size	Thread Size	(A)	B	ØH1	ØH2	F	W
metric connection (Rc=PT)			Dimension : mm					
IFT - 6m - R18 - M1	6 x 4	Rc 1/8	60.8	21.5	4	4	17	9.6
IFT - 6m - R14 - M1	"	Rc 1/4	"	25.5	"	"	"	"
IFT - 8m - R18 - M1	8 x 6	Rc 1/8	67.4	22.5	6	6	20	13
IFT - 8m - R14 - M1	"	Rc 1/4	"	26.5	"	"	"	"
IFT - 8m - R38 - M1	"	Rc 3/8	"	28.5	"	"	"	"
IFT - 10m - R18 - M1	10 x 8	Rc 1/8	75.8	23.8	8	8	25	14.8
IFT - 10m - R14 - M1	"	Rc 1/4	"	27.8	"	"	"	"
IFT - 10m - R38 - M1	"	Rc 3/8	"	29.8	"	"	"	"
IFT - 12m - R14 - M1	12 x 10	Rc 1/4	88.9	29.5	10	10	30	18
IFT - 12m - R38 - M1	"	Rc 3/8	"	31.5	"	"	"	"
IFT - 12m - R12 - M1	"	Rc 1/2	"	35.5	"	"	"	"
IFT - 19m - R38 - M1	19 x 15.8	Rc 3/8	112.8	36	16	14.3	40	27
IFT - 19m - R12 - M1	"	Rc 1/2	"	38	"	16	"	"
IFT - 19m - R34 - M1	"	Rc 3/4	"	42.5	"	"	"	"
IFT - 25m - R12 - M1	25 x 22	Rc 1/2	135.8	"	22	17.9	50.5	34
IFT - 25m - R34 - M1	"	Rc 3/4	"	47	"	22	"	"
IFT - 25m - R1 - M1	"	Rc 1	"	51	"	"	"	"
Inch connection (Rc=PT)			Dimension : mm					
IFT - 14i - R18 - M1	1/4" x 5/32"	Rc 1/8	60.8	21.5	4	4	17	9.6
IFT - 14i - R14 - M1	"	Rc 1/4	"	25.5	"	"	"	"
IFT - 38i - R18 - M1	3/8" x 1/4"	Rc 1/8	75.8	23.8	8	8	25	14.8
IFT - 38i - R14 - M1	"	Rc 1/4	"	27.8	"	"	"	"
IFT - 38i - R38 - M1	"	Rc 3/8	"	29.8	"	"	"	"
IFT - 12i - R14 - M1	1/2" x 3/8"	Rc 1/4	88.9	29.5	10	10	30	18
IFT - 12i - R38 - M1	"	Rc 3/8	"	31.5	"	"	"	"
IFT - 12i - R12 - M1	"	Rc 1/2	"	35.5	"	"	"	"
IFT - 34i - R38 - M1	3/4" x 5/8"	Rc 3/8	112.8	36	16	14.3	40	27
IFT - 34i - R12 - M1	"	Rc 1/2	"	38	"	16	"	"
IFT - 34i - R34 - M1	"	Rc 3/4	"	42.5	"	"	"	"
IFT - 1i - R12 - M1	1" x 7/8"	Rc 1/2	135.8	"	22	17.9	50.5	34
IFT - 1i - R34 - M1	"	Rc 3/4	"	47	"	22	"	"
IFT - 1i - R1 - M1	"	Rc 1	"	51	"	"	"	"

•PART NO. 외에 사이즈는 영업부에 문의하여 주시기 바랍니다

PART NO. 以外の尺寸 请咨询营业部

PFA射出 VALVE

PTFE 가공 VALVE

PVC射出 VALVE

SUS VALVE

BELLOWS PUMP

FLOW METER

PFA FITTING
(Mega Lock Type)

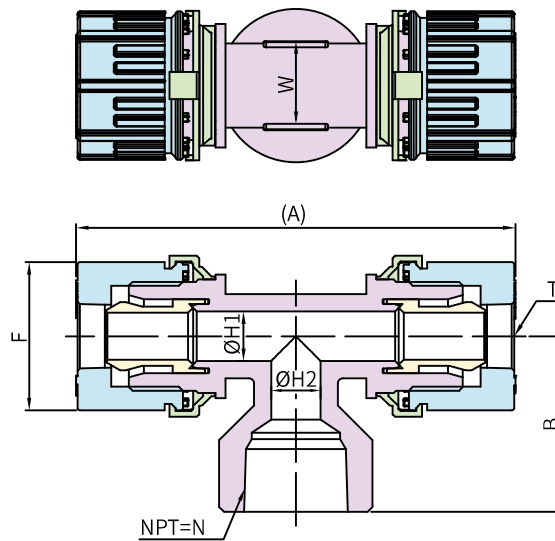
QUARTZ FITTING
(Quartz Type)

PFA WELDING FITTING
(Welding Type)

PRODUCTS

FEMALE TEE

IFT



PART No.	Tube Size	Thread Size	(A)	B	ØH1	ØH2	F	W
metric connection (N=NPT) Dimension : mm								
IFT - 6m - N18 - M1	6 x 4	NPT 1/8	60.8	21.5	4	4	17	9.6
IFT - 6m - N14 - M1	"	NPT 1/4	"	25.5	"	"	"	"
IFT - 8m - N18 - M1	8 x 6	NPT 1/8	67.4	22.5	6	6	20	13
IFT - 8m - N14 - M1	"	NPT 1/4	"	26.5	"	"	"	"
IFT - 8m - N38 - M1	"	NPT 3/8	"	28.5	"	"	"	"
IFT - 10m - N18 - M1	10 x 8	NPT 1/8	75.8	23.8	8	8	25	14.8
IFT - 10m - N14 - M1	"	NPT 1/4	"	27.8	"	"	"	"
IFT - 10m - N38 - M1	"	NPT 3/8	"	29.8	"	"	"	"
IFT - 12m - N14 - M1	12 x 10	NPT 1/4	88.9	29.5	10	10	30	18
IFT - 12m - N38 - M1	"	NPT 3/8	"	31.5	"	"	"	"
IFT - 12m - N12 - M1	"	NPT 1/2	"	35.5	"	"	"	"
IFT - 19m - N38 - M1	19 x 15.8	NPT 3/8	112.8	36	16	14.3	40	27
IFT - 19m - N12 - M1	"	NPT 1/2	"	38	"	16	"	"
IFT - 19m - N34 - M1	"	NPT 3/4	"	42.5	"	"	"	"
IFT - 25m - N12 - M1	25 x 22	NPT 1/2	135.8	"	22	17.9	50.5	34
IFT - 25m - N34 - M1	"	NPT 3/4	"	47	"	22	"	"
IFT - 25m - N1 - M1	"	NPT 1	"	51	"	"	"	"
Inch connection (N=NPT) Dimension : mm								
IFT - 14i - N18 - M1	1/4" x 5/32"	NPT 1/8	60.8	21.5	4	4	17	9.6
IFT - 14i - N14 - M1	"	NPT 1/4	"	25.5	"	"	"	"
IFT - 38i - N18 - M1	3/8" x 1/4"	NPT 1/8	75.8	23.8	8	8	25	14.8
IFT - 38i - N14 - M1	"	NPT 1/4	"	27.8	"	"	"	"
IFT - 38i - N38 - M1	"	NPT 3/8	"	29.8	"	"	"	"
IFT - 12i - N14 - M1	1/2" x 3/8"	NPT 1/4	88.9	29.5	10	10	30	18
IFT - 12i - N38 - M1	"	NPT 3/8	"	31.5	"	"	"	"
IFT - 12i - N12 - M1	"	NPT 1/2	"	35.5	"	"	"	"
IFT - 34i - N38 - M1	3/4" x 5/8"	NPT 3/8	112.8	36	16	14.3	40	27
IFT - 34i - N12 - M1	"	NPT 1/2	"	38	"	16	"	"
IFT - 34i - N34 - M1	"	NPT 3/4	"	42.5	"	"	"	"
IFT - 1i - N12 - M1	1" x 7/8"	NPT 1/2	135.8	"	22	17.9	50.5	34
IFT - 1i - N34 - M1	"	NPT 3/4	"	47	"	22	"	"
IFT - 1i - N1 - M1	"	NPT 1	"	51	"	"	"	"

•PART NO. 외에 사이즈는 영업부에 문의하여 주시기 바랍니다

PART NO. 以外の尺寸 请咨询营业部

03

Tube to Tube

UNION CONNECTOR

UNION ELBOW

UNION TEE

REDUCING UNION CONNECTOR

REDUCING UNION ELBOW

REDUCING UNION TEE

PANEL MOUNT UNION CONNECTOR

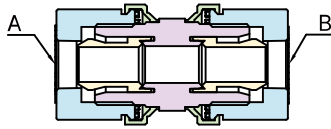
PANEL MOUNT REDUCING UNION CONNECTOR

PANEL MOUNT NUT

UNION

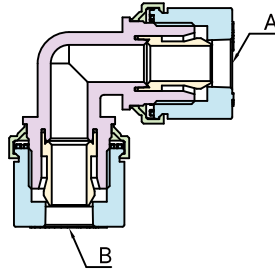
UNION CONNECTOR

REDUCING UNION CONNECTOR



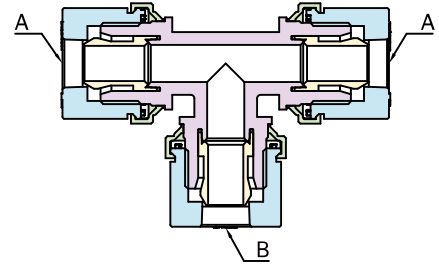
UNION ELBOW

REDUCING UNION ELBOW



UNION TEE

REDUCING UNION TEE



IUC - 12i - 38i - M1

M1 : Mega Lock Type (사출射出)

Tube Size : B (i=inch/m =mm)

Tube Size : A (i=inch/m =mm)

IUC : Innodis Union Connector

IUE : Innodis Union Elbow

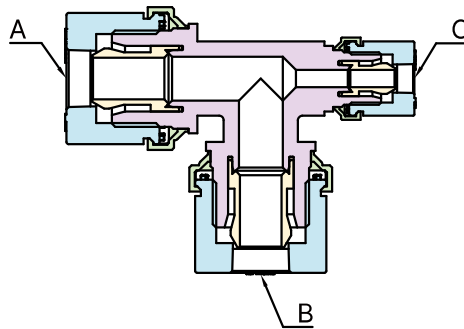
IUT : Innodis Union Tee

IRUC : Innodis Reducing Union Connector

IRUE : Innodis Reducing Union Elbow

IRUT : Innodis Reducing Union Tee

REDUCING UNION TEE



IRUT - 12i - 12i - 38i - M1

M1 : Mega Lock Type (사출射出)

Tube Size : C (i=inch/m =mm)

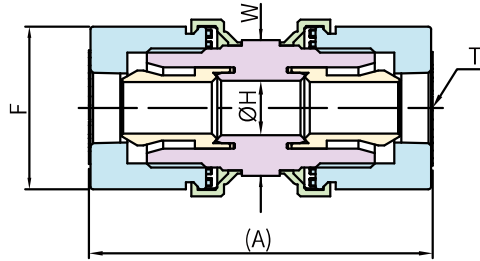
Tube Size : B (i=inch/m =mm)

Tube Size : A (i=inch/m =mm)

IRUT : Innodis Reducing Union Tee

UNION CONNECTOR

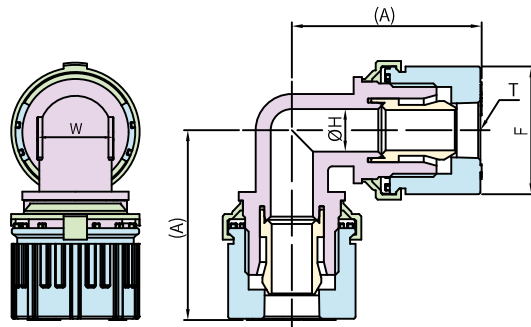
IUC



PART No.	Tube Size	(A)	ØH	F	W
metric connection		Dimension : mm			
IUC - 3m - 3m - M1	3 x 2	38	3	12.8	12
IUC - 4m - 4m - M1	4 x 3	"	"	"	"
IUC - 6m - 6m - M1	6 x 4	44.6	4	17	16
IUC - 8m - 8m - M1	8 x 6	48.4	6	20	18
IUC - 10m - 10m - M1	10 x 8	54	8	25	21
IUC - 12m - 12m - M1	12 x 10	63.4	10	30	25
IUC - 19m - 19m - M1	19 x 15.8	80.8	16	40	34
IUC - 25m - 25m - M1	25 x 22	98	22	50.5	43
Inch connection		Dimension : mm			
IUC - 18i - 18i - M1	1/8" x 0.086"	38	3	12.8	12
IUC - 14i - 14i - M1	1/4" x 5/32"	44.6	4	17	16
IUC - 38i - 38i - M1	3/8" x 1/4"	54	8	25	21
IUC - 12i - 12i - M1	1/2" x 3/8"	63.4	10	30	25
IUC - 34i - 34i - M1	3/4" x 5/8"	80.8	16	40	34
IUC - 1i - 1i - M1	1" x 7/8"	98	22	50.5	43

UNION ELBOW

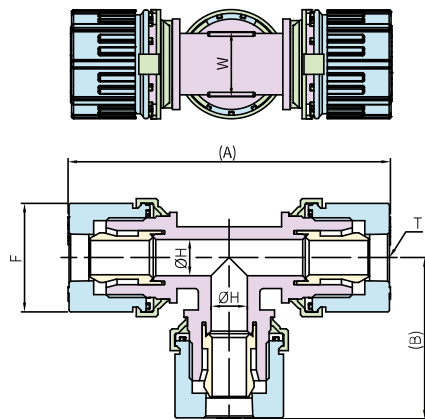
IUE



PART No.	Tube Size	(A)	ØH	F	W
metric connection		Dimension : mm			
IUE - 3m - 3m - M1	3 x 2	24.1	3	12.8	7
IUE - 4m - 4m - M1	4 x 3	"	"	"	"
IUE - 6m - 6m - M1	6 x 4	30.3	4	17	9.6
IUE - 8m - 8m - M1	8 x 6	33.7	6	20	13
IUE - 10m - 10m - M1	10 x 8	37.7	8	25	14.8
IUE - 12m - 12m - M1	12 x 10	44.2	10	30	18
IUE - 19m - 19m - M1	19 x 15.8	56.4	16	40	27
IUE - 25m - 25m - M1	25 x 22	67.7	22	50.5	34
Inch connection		Dimension : mm			
IUE - 18i - 18i - M1	1/8" x 0.086"	24.1	3	12.8	7
IUE - 14i - 14i - M1	1/4" x 5/32"	30.3	4	17	9.6
IUE - 38i - 38i - M1	3/8" x 1/4"	37.7	8	25	14.8
IUE - 12i - 12i - M1	1/2" x 3/8"	44.2	10	30	18
IUE - 34i - 34i - M1	3/4" x 5/8"	56.4	16	40	27
IUE - 1i - 1i - M1	1" x 7/8"	67.7	22	50.5	34

UNION TEE

IUT



PART No.	Tube Size	(A)	(B)	ØH	F	W
metric connection		Dimension : mm				
IUT - 3m - 3m - M1	3 x 2	48.1	24.1	3	12.8	7
IUT - 4m - 4m - M1	4 x 3	"	"	"	"	"
IUT - 6m - 6m - M1	6 x 4	60.6	30.3	4	17	9.6
IUT - 8m - 8m - M1	8 x 6	67.4	33.7	6	20	13
IUT - 10m - 10m - M1	10 x 8	75.8	37.8	8	25	14.8
IUT - 12m - 12m - M1	12 x 10	88.9	44.2	10	30	18
IUT - 19m - 19m - M1	19 x 15.8	112.8	56.4	16	40	27
IUT - 25m - 25m - M1	25 x 22	135.8	67.9	22	50.5	34
Inch connection		Dimension : mm				
IUT - 18i - 18i - M1	1/8 x 0.086"	48.1	24.1	3	12.8	7
IUT - 14i - 14i - M1	1/4" x 5/32"	60.6	30.3	4	17	9.6
IUT - 38i - 38i - M1	3/8" x 1/4"	75.8	37.8	8	25	14.8
IUT - 12i - 12i - M1	1/2" x 3/8"	88.9	44.2	10	30	18
IUT - 34i - 34i - M1	3/4" x 5/8"	112.8	56.4	16	40	27
IUT - 1i - 1i - M1	1" x 7/8"	135.8	67.9	22	50.5	34

PFA射出 VALVE

PTFE 가공 VALVE

PVC射出 VALVE

SUS VALVE

BELLOWS PUMP

FLOW METER

PFA FITTING
(Mega Lock Type)

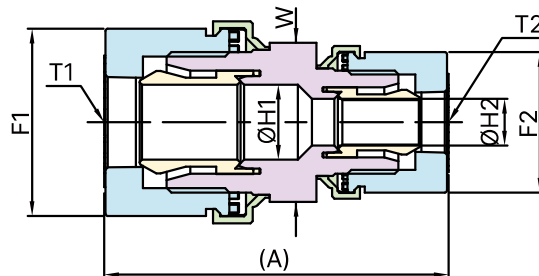
QUARTZ FITTING
(Quartz Type)

PFA WELDING FITTING
(Welding Type)

PRODUCTS

REDUCING UNION CONNECTOR

IRUC



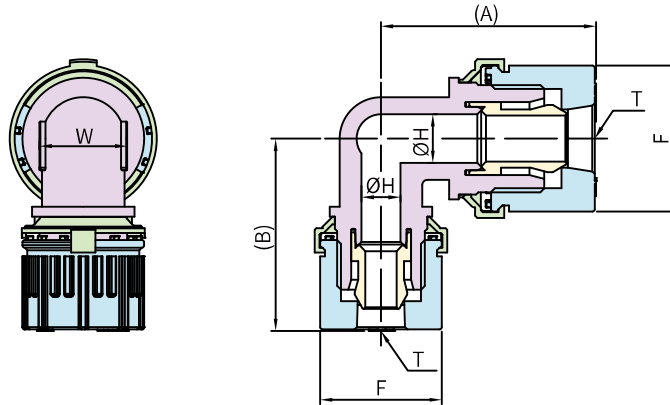
PART No.	Tube Size T1	Tube Size T2	(A)	ØH1	ØH2	F1	F2	W
metric connection Dimension : mm								
IRUC - 6m - 3m - M1	6 x 4	3 x 2	38.75	4	3	17	12.7	16
IRUC - 6m - 4m - M1	"	4 x 3	"	"	"	"	"	"
IRUC - 8m - 6m - M1	8 x 6	6 x 4	46.6	6	4	20	17	18
IRUC - 10m - 6m - M1	10 x 8	"	49.4	8	"	25	"	21
IRUC - 12m - 6m - M1	12 x 10	"	54.1	10	"	30	"	25
IRUC - 12m - 8m - M1	"	8 x 6	55.9	"	6	"	20	"
IRUC - 12m - 10m - M1	"	10 x 8	58.7	"	8	"	25	"
IRUC - 19m - 10m - M1	19 x 15.8	"	68.9	16	"	40	"	34
IRUC - 19m - 12m - M1	"	12 x 10	73.6	"	10	"	30	"
IRUC - 25m - 12m - M1	25 x 22	"	84.3	22	"	50.5	"	43
IRUC - 25m - 19m - M1	"	19 x 15.8	91.5	"	16	"	40	"
Inch connection Dimension : mm								
IRUC - 14i - 18i - M1	1/4" x 5/32"	1/8" x 0.086"	38.75	4	3	17	12.7	16
IRUC - 38i - 14i - M1	3/8" x 1/4"	1/4" x 5/32"	49.4	8	4	25	17	21
IRUC - 12i - 14i - M1	1/2" x 3/8"	"	54.1	10	"	30	"	25
IRUC - 12i - 38i - M1	"	3/8" x 1/4"	58.7	"	8	"	25	"
IRUC - 34i - 38i - M1	3/4" x 5/8"	"	68.9	16	"	40	"	34
IRUC - 34i - 12i - M1	"	1/2" x 3/8"	73.6	"	10	"	30	"
IRUC - 1i - 12i - M1	1" x 7/8"	"	84.3	22	"	50.5	"	43
IRUC - 1i - 34i - M1	"	3/4" x 5/8"	91.5	"	16	"	40	"

•PART NO. 외에 사이즈는 영업부에 문의하여 주시기 바랍니다

PART NO. 以外の尺寸 请咨询营业部

REDUCING UNION ELBOW

IRUE



PART No.	Tube Size T1	Tube Size T2	(A)	(B)	ØH1	ØH2	F1	F2	W
metric connection					Dimension : mm				
IRUE - 6m - 3m - M1	6 x 4	3 x 2	30.4	22.35	4	3	17	12.7	9.6
IRUE - 6m - 4m - M1	"	4 x 3	"	"	"	"	"	"	"
IRUE - 8m - 6m - M1	8 x 6	6 x 4	33.7	31.9	6	4	20	17	13
IRUE - 10m - 6m - M1	10 x 8	"	37.7	33.1	8	"	25	"	14.8
IRUE - 12m - 6m - M1	12 x 10	"	44.2	34.9	10	"	30	"	18
IRUE - 12m - 10m - M1	"	10 x 8	"	39.5	"	8	"	25	"
IRUE - 19m - 10m - M1	19 x 15.8	"	56.4	44	16	"	40	"	27
IRUE - 19m - 12m - M1	"	12 x 10	"	48.7	"	10	"	30	"
IRUE - 25m - 12m - M1	25 x 22	"	67.7	53	22	"	50.5	"	34
IRUE - 25m - 19m - M1	"	19 x 15.8	"	60.7	"	16	"	40	"
Inch connection					Dimension : mm				
IRUE - 14i - 18i - M1	1/4" x 5/32"	1/8" x 0.086"	30.4	22.35	4	3	17	12.7	9.6
IRUE - 38i - 14i - M1	3/8" x 1/4"	1/4" x 5/32"	37.7	33.1	8	4	25	17	14.8
IRUE - 12i - 14i - M1	1/2" x 3/8"	"	44.2	34.9	10	"	30	"	18
IRUE - 12i - 38i - M1	"	3/8" x 1/4"	"	39.5	"	8	"	25	"
IRUE - 34i - 38i - M1	3/4" x 5/8"	"	56.4	44	16	"	40	"	27
IRUE - 34i - 12i - M1	"	1/2" x 3/8"	"	48.7	"	10	"	30	"
IRUE - 1i - 12i - M1	1" x 7/8"	"	67.7	53	22	"	50.5	"	34
IRUE - 1i - 34i - M1	"	3/4" x 5/8"	"	60.7	"	16	"	40	"

•PART NO. 외에 사이즈는 영업부에 문의하여 주시기 바랍니다

PART NO. 以外の尺寸 请咨询营业部

PFA射出 VALVE

PTFE 가공 VALVE

PVC射出 VALVE

SUS VALVE

BELLOWS PUMP

FLOW METER

PFA FITTING
(Mega Lock Type)

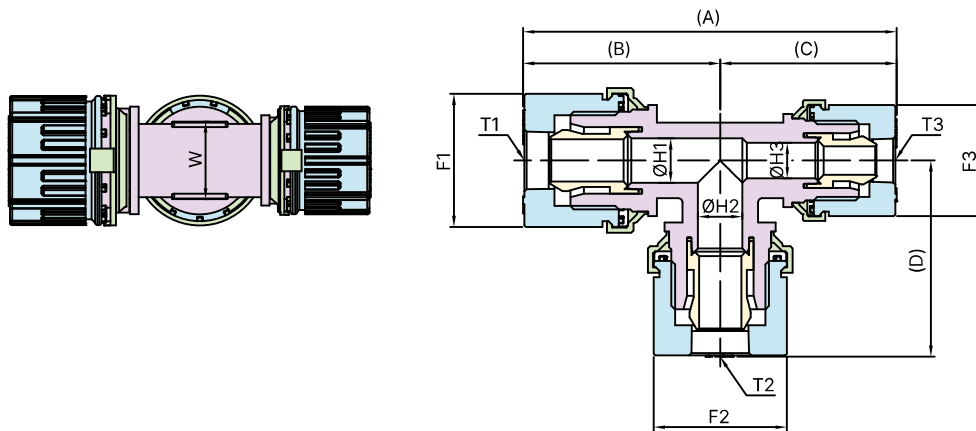
QUARTZ FITTING
(Quartz Type)

PFA WELDING FITTING
(Welding Type)

PRODUCTS

REDUCING UNION TEE

IRUT



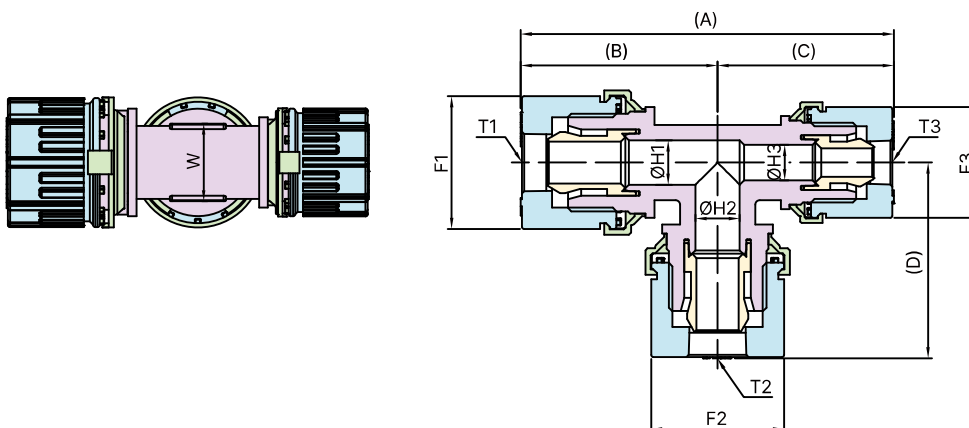
PART No.	Tube Size T1	Tube Size T2	Tube Size T3	(A)	(B)	(C)	(D)	ØH1	ØH2	ØH3	F1	F2	F3	W
metric connection											Dimension : mm			
IRUT - 3m - 6m - M1	3 x 2	6 x 4	3 x 2	57.7	28.8	28.8	34.5	3	4	3	12.8	17	12.8	10
IRUT - 4m - 6m - M1	4 x 3	"	4 x 3	"	"	"	"	"	"	"	"	"	"	"
IRUT - 6m - 3m - M1	6 x 4	3 x 2	6 x 4	60.8	30.4	30.4	22.35	4	3	4	17	12.8	17	9.6
IRUT - 6m - 4m - M1	"	4 x 3	"	"	"	"	"	"	"	"	"	"	"	"
IRUT - 6m - 10m - M1	"	10 x 8	"	66.8	33.4	33.4	38	"	8	"	"	25	"	14.8
IRUT - 6m - 12m - M1	"	12 x 10	"	70.8	35.4	35.4	44.7	"	10	"	"	30	"	18
IRUT - 8m - 6m - M1	8 x 6	6 x 4	8 x 6	67.4	33.7	33.7	31.9	6	4	6	20	17	20	13
IRUT - 10m - 6m - M1	10 x 8	"	10 x 8	75.8	37.9	37.9	33.2	8	"	8	25	"	25	14.8
IRUT - 10m - 12m - M1	"	12 x 10	"	79.8	39.9	39.9	44.5	"	10	"	"	30	"	18
IRUT - 12m - 6m - M1	12 x 10	6 x 4	12 x 10	88.9	44.45	44.45	34.9	10	4	10	30	17	30	"
IRUT - 12m - 10m - M1	"	10 x 8	"	"	"	"	39.5	"	8	"	"	25	"	"
IRUT - 12m - 19m - M1	"	19 x 15.8	"	98.4	49.2	49.2	56.9	"	16	"	"	40	"	27
IRUT - 19m - 6m - M1	19 x 15.8	6 x 4	19 x 15.8	112.8	56.4	56.4	39.4	16	4	16	40	17	40	"
IRUT - 19m - 10m - M1	"	10 x 8	"	"	"	"	44	"	8	"	"	25	"	"
IRUT - 19m - 12m - M1	"	12 x 10	"	"	"	"	48.7	"	10	"	"	30	"	"
IRUT - 19m - 25m - M1	"	25 x 22	"	121.8	60.9	60.9	67.9	"	22	"	"	50.5	"	34
IRUT - 25m - 12m - M1	25 x 22	12 x 10	25 x 22	135.8	67.9	67.9	53.2	22	10	22	50.5	30	50.5	"
IRUT - 25m - 19m - M1	"	19 x 15.8	"	"	"	"	60.9	"	16	"	"	40	"	"
IRUT - 10m - 6m - 6m - M1	10 x 8	6 x 4	6 x 4	71.2	37.9	33.3	33.2	8	4	4	25	17	17	14.8
IRUT - 12m - 10m - 10m - M1	12 x 10	10 x 8	10 x 8	84.2	44.45	39.75	39.5	10	8	8	30	25	25	18
IRUT - 12m - 12m - 10m - M1	"	12 x 10	"	"	"	"	44.2	"	10	"	"	30	"	"
IRUT - 19m - 12m - 12m - M1	19 x 15.8	"	12 x 10	105.1	56.4	48.7	48.7	16	"	10	40	"	30	27
IRUT - 19m - 19m - 12m - M1	"	19 x 15.8	"	"	"	"	56.4	"	16	"	"	40	"	"
IRUT - 25m - 25m - 12m - M1	25 x 22	25 x 22	"	121.1	67.9	53.2	67.9	22	22	10	50.5	50.5	"	30
IRUT - 25m - 25m - 19m - M1	"	"	19 x 15.8	128.8	"	60.9	"	"	"	16	"	"	40	34

*PART NO. 외에 사이즈는 영업부에 문의하여 주시기 바랍니다

PART NO. 以外の尺寸 请咨询营业部

REDUCING UNION TEE

IRUT



PART No.	Tube Size T1	Tube Size T2	Tube Size T3	(A)	(B)	(C)	(D)	ØH1	ØH2	ØH3	F1	F2	F3	W
Inch connection														Dimension : mm
IRUT - 18i - 14i - M1	1/8" x 0.086"	1/4" x 5/32"	1/8" x 0.086"	57.7	28.8	28.8	34.5	3	4	3	12.8	17	12.8	10
IRUT - 14i - 18i - M1	1/4" x 5/32"	1/8" x 0.086"	1/4" x 5/32"	60.8	30.4	30.4	22.35	4	3	4	17	12.7	17	9.6
IRUT - 14i - 38i - M1	"	3/8" x 1/4"	"	66.8	33.4	33.4	38	"	8	"	"	25	"	14.8
IRUT - 14i - 12i - M1	"	1/2" x 3/8"	"	70.8	35.4	35.4	44.7	"	10	"	"	30	"	18
IRUT - 38i - 14i - M1	3/8" x 1/4"	1/4" x 5/32"	3/8" x 1/4"	75.8	37.9	37.9	33.2	8	4	8	25	17	25	14.8
IRUT - 38i - 12i - M1	"	1/2" x 3/8"	"	79.8	39.9	39.9	44.5	"	10	"	"	30	"	18
IRUT - 12i - 14i - M1	1/2" x 3/8"	1/4" x 5/32"	1/2" x 3/8"	88.9	44.45	44.45	34.9	10	4	10	30	17	30	"
IRUT - 12i - 38i - M1	"	3/8" x 1/4"	"	"	"	"	39.5	"	8	"	"	25	"	"
IRUT - 12i - 34i - M1	"	3/4" x 5/8"	"	98.4	49.2	49.2	56.9	"	16	"	"	40	"	27
IRUT - 12i - 1i - M1	"	1" x 7/8"	"	106.9	53.45	53.45	67.9	10	22	"	"	50.5	"	34
IRUT - 34i - 14i - M1	3/4" x 5/8"	1/4" x 5/32"	3/4" x 5/8"	112.8	56.4	56.4	39.4	16	4	16	40	17	40	"
IRUT - 34i - 38i - M1	"	3/8" x 1/4"	"	"	"	"	44	"	8	"	"	25	"	"
IRUT - 34i - 12i - M1	"	1/2" x 3/8"	"	"	"	"	48.7	"	10	"	"	30	"	"
IRUT - 34i - 1i - M1	"	1" x 7/8"	"	121.8	60.9	60.9	67.9	"	22	"	"	50.5	"	"
IRUT - 1i - 12i - M1	1" x 7/8"	1/2" x 3/8"	1" x 7/8"	135.8	67.9	67.9	53.2	22	10	22	50.5	30	50.5	"
IRUT - 1i - 34i - M1	"	3/4" x 5/8"	"	"	"	"	60.9	"	16	"	"	40	"	"
IRUT - 38i - 14i - 14i - M1	3/8" x 1/4"	1/4" x 5/32"	1/4" x 5/32"	71.2	37.9	33.3	33.2	8	4	4	25	17	17	14.8
IRUT - 12i - 38i - 38i - M1	1/2" x 3/8"	3/8" x 1/4"	3/8" x 1/4"	84.2	44.45	39.75	39.5	10	8	8	30	25	25	18
IRUT - 12i - 12i - 14i - M1	"	1/2" x 3/8"	1/4" x 5/32"	79.6	"	35.15	44.2	"	10	4	"	30	17	"
IRUT - 12i - 12i - 38i - M1	"	"	3/8" x 1/4"	"	"	39.75	"	"	"	8	"	"	25	"
IRUT - 34i - 12i - 12i - M1	3/4" x 5/8"	"	1/2" x 3/8"	105.1	56.4	48.7	48.7	16	"	10	40	"	30	27
IRUT - 34i - 34i - 38i - M1	"	3/4" x 5/8"	3/8" x 1/4"	99.8	56.1	43.7	56.1	"	16	8	"	40	25	"
IRUT - 34i - 34i - 12i - M1	"	"	1/2" x 3/8"	"	"	"	56.4	"	"	"	"	"	"	"
IRUT - 1i - 12i - 12i - M1	1" x 7/8"	1/2" x 3/8"	"	120.5	67.6	52.9	69.4	22	10	10	50.5	30	30	34
IRUT - 1i - 1i - 12i - M1	"	1" x 7/8"	"	121.1	"	53.2	67.9	"	22	"	"	50.5	"	30
IRUT - 1i - 1i - 34i - M1	"	"	3/4" x 5/8"	128.8	"	60.9	"	"	"	16	"	"	40	34

•PART NO. 외에 사이즈는 영업부에 문의하여 주시기 바랍니다

PART NO. 以外の尺寸 请咨询营业部

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)

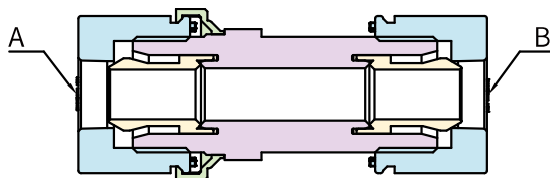
PFA WELDING FITTING
(Welding Type)

PRODUCTS

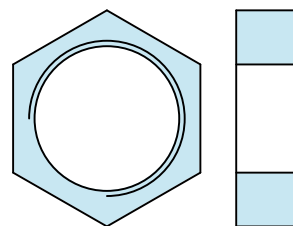
PANEL MOUNT

PANEL MOUNT UNION CONNECTOR

PANEL MOUNT REDUCING UNION CONNECTOR



PANEL MOUNT NUT



IPMUC - 12i - 12i - M1

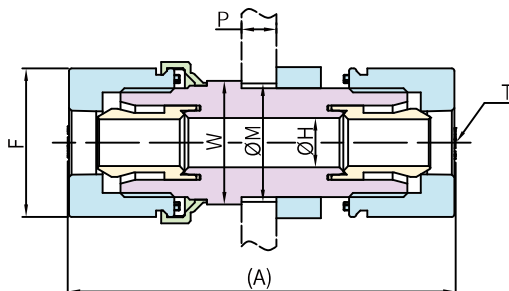
M1 : Mega Lock Type (사출射出)
 Tube Size : B (i=inch/m=mm)
 Tube Size : A (i=inch/m=mm)
 IPMUC : Innodis Panel Mount Union Connector
 IPMUC : Innodis Panel Mount Reducing Union Connector

IPM - N12i - MP

MP : PP (가공加工)
 N : Nut
 Tube Size : i=inch/m=mm
 IPM : Panel Mount

PANEL MOUNT UNION CONNECTOR

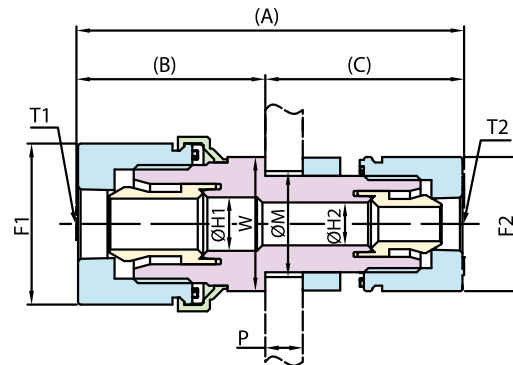
IPMUC



PART No.	Tube Size	(A)	ØH	F	MAX P	ØM	W
metric connection							
Dimension : mm							
IPMUC - 6m - 6m - M1	6 x 4	56	4	17	7	12.5	16
IPMUC - 8m - 8m - M1	8 x 6	62.7	6	20	"	15.5	18
IPMUC - 10m - 10m - M1	10 x 8	67.7	8	25	"	18.5	21
IPMUC - 12m - 12m - M1	12 x 10	78.5	10	30	"	22.5	25
IPMUC - 19m - 19m - M1	19 x 15.8	96.5	16	40	"	30.5	34
IPMUC - 25m - 25m - M1	25 x 22	120	22	50.5	10	40.5	43
Inch connection							
Dimension : mm							
IPMUC - 14i - 14i - M1	1/4" x 5/32"	56	4	17	7	12.5	16
IPMUC - 38i - 38i - M1	3/8" x 1/4"	67.7	8	25	"	18.5	21
IPMUC - 12i - 12i - M1	1/2" x 3/8"	78.5	10	30	"	22.5	25
IPMUC - 34i - 34i - M1	3/4" x 5/8"	96.5	16	40	"	30.5	34
IPMUC - 1i - 1i - M1	1" x 7/8"	120	22	50.5	10	40.5	43

PANEL MOUNT REDUCING UNION CONNECTOR

IPMRUC



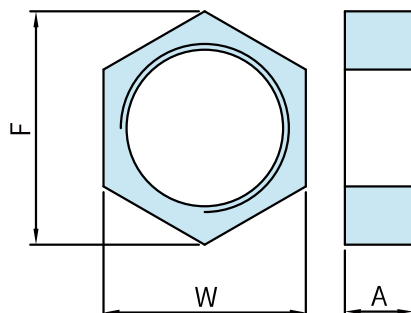
PART No.	Tube Size T1	Tube Size T2	(A)	(B)	(C)	ØH1	ØH2	F1	F2	MAX P	ØM	W
metric connection												Dimension : mm
IPMRUC - 6m - 3m - M1	6 x 4	3 x 2	51.75	25.85	31.1	4	3	17	12.7	7	10.5	16
IPMRUC - 6m - 4m - M1	"	4 x 3	"	"	"	"	"	"	"	"	"	"
IPMRUC - 8m - 6m - M1	8 x 6	6 x 4	57.8	27.7	30.1	6	4	20	17	"	12.5	18
IPMRUC - 10m - 6m - M1	10 x 8	"	60.6	30.5	"	8	"	25	"	"	"	21
IPMRUC - 12m - 10m - M1	12 x 10	10 x 8	72.3	35.2	37.1	10	8	30	25	"	18.5	25
IPMRUC - 19m - 12m - M1	19 x 15.8	12 x 10	88.7	45.4	43.3	16	10	40	30	"	22.5	34
IPMRUC - 25m - 19m - M1	25 x 22	19 x 15.8	107.2	56.1	51.1	22	16	50.5	40	"	30.5	43
Inch connection												Dimension : mm
IPMRUC - 14i - 18i - M1	1/4" x 5/32"	1/8" x 0.086"	51.75	25.85	31.1	4	3	17	12.7	7	10.5	16
IPMRUC - 38i - 14i - M1	3/8" x 1/4"	1/4" x 5/32"	60.6	30.5	30.1	8	4	25	17	"	12.5	21
IPMRUC - 12i - 38i - M1	1/2" x 3/8"	3/8" x 1/4"	72.3	35.2	37.1	10	8	30	25	"	18.5	25
IPMRUC - 34i - 12i - M1	3/4" x 5/8"	1/2" x 3/8"	88.7	45.4	43.3	16	10	40	30	"	22.5	34
IPMRUC - 1i - 34i - M1	1" x 7/8"	3/4" x 5/8"	107.2	56.1	51.1	22	16	50.5	40	"	30.5	43

•PART NO. 외에 사이즈는 영업부에 문의하여 주시기 바랍니다

PART NO. 以外の尺寸 请咨询营业部

PANEL MOUNT NUT

IPM



PART No.	Tube Size	A	W	F
metric connection			Dimension : mm	
IPM - N6m - MP	6 x 4	5	16	18.5
IPM - N8m - MP	8 x 6	7	19	22
IPM - N10m - MP	10 x 8	//	21.5	24.8
IPM - N12m - MP	12 x 10	9	26.5	30.6
IPM - N19m - MP	19 x 15.8	//	38	43.9
IPM - N25m - MP	25 x 22	10	45	52
Inch connection			Dimension : mm	
IPM - N14i - MP	1/4" x 5/32"	5	16	18.5
IPM - N38i - MP	3/8" x 1/4"	7	21.5	24.8
IPM - N12i - MP	1/2" x 3/8"	9	26.5	30.6
IPM - N34i - MP	3/4" x 5/8"	//	38	43.9
IPM - N1i - MP	1" x 7/8"	10	45	52

04

SPACE SAVER

UNION CONNECTOR ADAPTOR

UNION ELBOW ADAPTOR

UNION TEE ADAPTOR

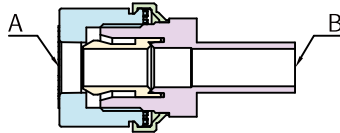
ELBOW ADAPTOR

TEE ADAPTOR

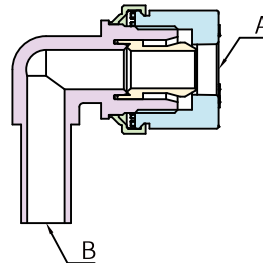
MALE CONNECTOR THROUGH
(FERRULE TYPE)

UNION ADAPTOR

UNION CONNECTOR ADAPTOR (TUBE END)



UNION ELBOW ADAPTOR (TUBE END)



IUCA - 12i - 12T - M1

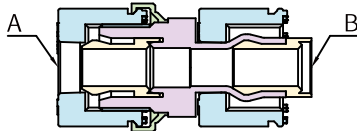
M1 : Mega Lock Type (사출射出)

Size : B (T=Tube End)

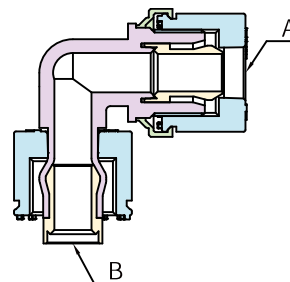
Tube Size : A (i=inch/m=mm)

IUCA : Innodis Union Connector Adaptor
IUEA : Innodis Union Elbow Adaptor

UNION CONNECTOR ADAPTOR (SLEEVE & NUT SET)



UNION ELBOW ADAPTOR (SLEEVE & NUT SET)



IUCA - 12i - 12A - M1

M1 : Mega Lock Type (사출射出)

Size : B (A=Sleeve & Nut Set)

Tube Size : A (i=inch/m=mm)

IUCA : Innodis Union Connector Adaptor
IUEA : Innodis Union Elbow Adaptor

PFA사출射出 VALVE

PTFE 가공 VALVE

PVC사출射出 VALVE

SUS VALVE

BELLOWS PUMP

FLOW METER

PFA FITTING
(Mega Lock Type)

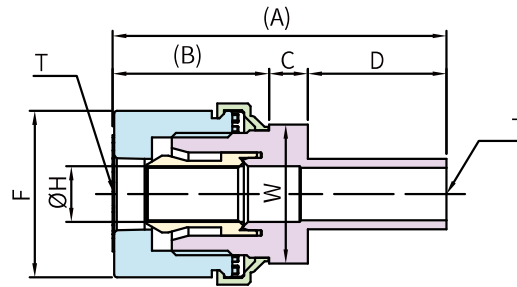
QUARTZ FITTING
(Quartz Type)

PFA WELDING FITTING
(Welding Type)

PRODUCTS

UNION CONNECTOR ADAPTOR

IUCA

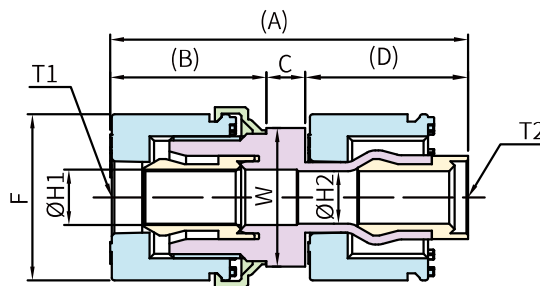


▲ TUBE END TYPE

PART No.	Tube Size	(A)	(B)	C	D	ØH	F	W
metric connection		Dimension : mm						
IUCA - 6m - 6T - M1	6 x 4	43.4	18.9	7	17.5	4	17	16
IUCA - 8m - 8T - M1	8 x 6	45.7	20.7	"	18	6	20	18
IUCA - 10m - 10T - M1	10 x 8	51.5	23.5	"	21	8	25	21
IUCA - 12m - 12mT - M1	12 x 10	60.2	28.2	"	25	10	30	25
IUCA - 19m - 19T - M1	19 x 15.8	76.4	35.4	10	31	16	40	34
IUCA - 25m - 25T - M1	25 x 22	95.1	41.9	14.2	39	22	50.5	43
Inch connection		Dimension : mm						
IUCA - 14i - 14T - M1	1/4" x 5/32"	43.4	18.9	7	17.5	4	17	16
IUCA - 38i - 38T - M1	3/8" x 1/4"	51.5	23.5	"	21	8	25	21
IUCA - 12i - 12T - M1	1/2" x 3/8"	60.2	28.2	"	25	10	30	25
IUCA - 34i - 34T - M1	3/4" x 5/8"	76.4	35.4	10	31	16	40	34
IUCA - 1i - 1T - M1	1" x 7/8"	95.1	41.9	14.2	39	22	50.5	43

•PART NO. 외에 사이즈는 영업부에 문의하여 주시기 바랍니다

PART NO. 以外の尺寸 请咨询营业部



▲ SLEEVE & NUT SET

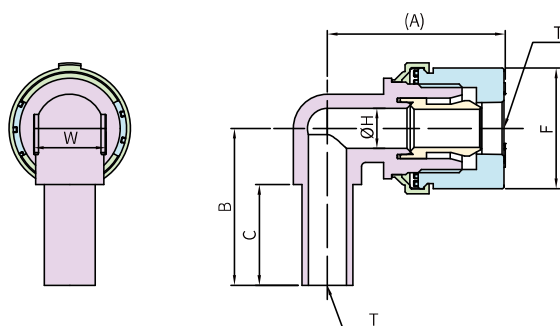
PART No.	Tube Size T1	Connectable Body Size T2	(A)	(B)	C	(D)	ØH1	ØH2	F	W
metric connection									Dimension : mm	
IUCA - 6m - 6A - M1	6 x 4	6	45.3	18.9	7	19.4	4	4	17	16
IUCA - 8m - 8A - M1	8 x 6	8	49.3	20.7	〃	21.6	6	6	20	18
IUCA - 10m - 10A - M1	10 x 8	10	54.9	23.5	〃	24.4	8	8	25	21
IUCA - 12m - 12mA - M1	12 x 10	12	64.6	28.2	〃	29.4	10	10	30	25
IUCA - 19m - 19A - M1	19 x 15.8	19	81.6	35.4	10	36.2	16	15.8	40	34
IUCA - 25m - 25A - M1	25 x 22	25	102.1	41.9	14.2	46	22	22	50.5	43
Inch connection									Dimension : mm	
IUCA - 14i - 14A - M1	1/4" x 5/32"	1/4"	45.3	18.9	7	19.4	4	3.95	17	16
IUCA - 38i - 38A - M1	3/8" x 1/4"	3/8"	54.9	23.5	〃	24.4	8	6.33	25	21
IUCA - 12i - 12A - M1	1/2" x 3/8"	1/2"	64.6	28.2	〃	29.4	10	9.5	30	25
IUCA - 34i - 34A - M1	3/4" x 5/8"	3/4"	81.6	35.4	10	36.2	16	15.8	40	34
IUCA - 1i - 1A - M1	1" x 7/8"	1"	102.1	41.9	14.2	46	22	22.2	50.5	43

•PART NO. 외에 사이즈는 영업부에 문의하여 주시기 바랍니다

PART NO. 以外の尺寸 请咨询营业部

UNION ELBOW ADAPTOR

IUEA

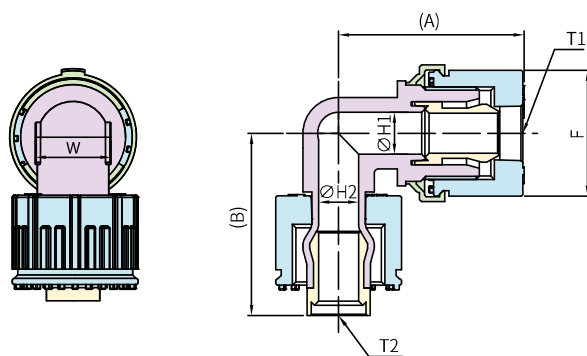


▲ TUBE END TYPE

PART No.	Tube Size	(A)	B	C	ØH	F	W
metric connection		Dimension : mm					
IUEA - 6m - 6T - M1	6 x 4	30.4	27	17.5	4	17	9.6
IUEA - 8m - 8T - M1	8 x 6	33.7	29	18	6	20	13
IUEA - 10m - 10T - M1	10 x 8	37.7	33.2	21	8	25	14.8
IUEA - 12m - 12mT - M1	12 x 10	44.2	39	25	10	30	18
IUEA - 19m - 19T - M1	19 x 15.8	56.4	49.5	31	16	40	27
IUEA - 25m - 25T - M1	25 x 22	67.7	61.8	39	22	50.5	34
Inch connection		Dimension : mm					
IUEA - 14i - 14T - M1	1/4" x 5/32"	30.4	27	17.5	4	17	9.6
IUEA - 38i - 38T - M1	3/8" x 1/4"	37.7	33.2	21	8	25	14.8
IUEA - 12i - 12T - M1	1/2" x 3/8"	44.2	39	25	10	30	18
IUEA - 34i - 34T - M1	3/4" x 5/8"	56.4	49.5	31	16	40	27
IUEA - 1i - 1T - M1	1" x 7/8"	67.7	61.8	39	22	50.5	34

•PART NO. 외에 사이즈는 영업부에 문의하여 주시기 바랍니다

PART NO. 以外の尺寸 请咨询营业部



▲ SLEEVE & NUT SET

PART No.	Tube Size T1	Connectable Body Size T2	(A)	(B)	ØH1	ØH2	F	W
metric connection		Dimension : mm						
IUEA - 6m - 6A - M1	6 x 4	6	30.4	28.9	4	4	17	9.6
IUEA - 8m - 8A - M1	8 x 6	8	33.7	32.6	6	6	20	13
IUEA - 10m - 10A - M1	10 x 8	10	37.7	36.6	8	8	25	14.8
IUEA - 12m - 12mA - M1	12 x 10	12	44.2	43.4	10	10	30	18
IUEA - 19m - 19A - M1	19 x 15.8	19	56.4	54.7	16	15.8	40	27
IUEA - 25m - 25A - M1	25 x 22	25	67.7	68.8	22	22	50.5	34
Inch connection		Dimension : mm						
IUEA - 14i - 14A - M1	1/4" x 5/32"	1/4"	30.4	28.9	4	3.95	17	9.6
IUEA - 38i - 38A - M1	3/8" x 1/4"	3/8"	37.7	36.6	8	6.33	25	14.8
IUEA - 12i - 12A - M1	1/2" x 3/8"	1/2"	44.2	43.4	10	9.5	30	18
IUEA - 34i - 34A - M1	3/4" x 5/8"	3/4"	56.4	54.7	16	15.8	40	27
IUEA - 1i - 1A - M1	1" x 7/8"	1"	67.7	68.8	22	22.2	50.5	34

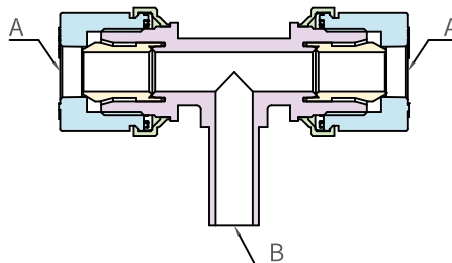
•PART NO. 외에 사이즈는 영업부에 문의하여 주시기 바랍니다

PART NO. 以外の尺寸 请咨询营业部

UNION TEE ADAPTOR

TYPE a

UNION TEE ADAPTOR (TUBE END)



* Type : a

IUTA - 12i - 12T - M1a

M1 : Mega Lock Type (사출射出)

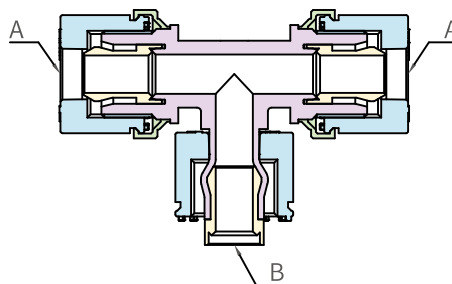
a : Type

Size : B (T=Tube End)

Tube Size : A (i=inch/m=mm)

IUTA : Innodis Union Tee Adaptor

UNION TEE ADAPTOR (SLEEVE & NUT SET)



* Type : a

IUTA - 12i - 12A - M1a

M1 : Mega Lock Type (사출射出)

a : Type

Size : B (A=Sleeve & Nut Set)

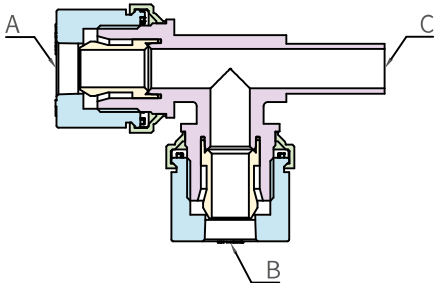
Tube Size : A (i=inch/m=mm)

IUTA : Innodis Union Tee Adaptor

UNION TEE ADAPTOR

TYPE b

UNION TEE ADAPTOR (TUBE END)

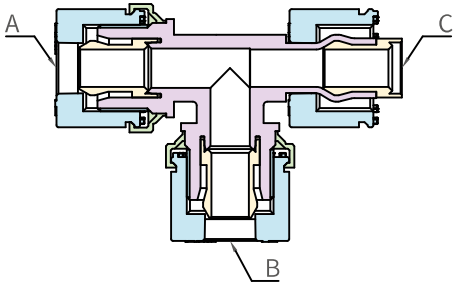


* Type : b

IUTA - 12i - 12i - 12T - M1b

M1 : Mega Lock Type (사출 射出)
b : Type
Size : C (T=Tube End)
Tube Size : B (i=inch/m=mm)
Tube Size : A (i=inch/m=mm)
IUTA : Innodis Union Tee Adaptor

UNION TEE ADAPTOR (SLEEVE & NUT SET)



* Type : b

IUTA - 12i - 12i - 12A - M1b

M1 : Mega Lock Type (사출 射出)
b : Type
Size : C (A=Sleeve & Nut Set)
Tube Size : B (i=inch/m=mm)
Tube Size : A (i=inch/m=mm)
IUTA : Innodis Union Tee Adaptor

PFA사출 射出 VALVE

PTFE 가공 加工 VALVE

PVC 사출 射出 VALVE

SUS VALVE

BELLOWS PUMP

FLOW METER

PFA FITTING
(Mega Lock Type)

QUARTZ FITTING
(Quartz Type)

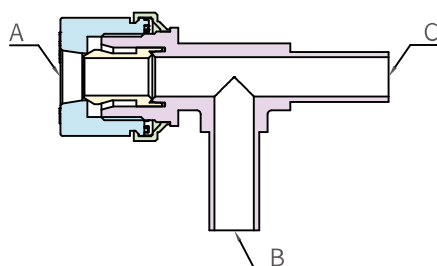
PFA WELDING FITTING
(Welding Type)

PRODUCTS

UNION TEE ADAPTOR

TYPE c

UNION TEE ADAPTOR (TUBE END)



* Type : c

IUTA - 12i - 12T - 12T - M1c

M1 : Mega Lock Type (사출 射出)

c : Type

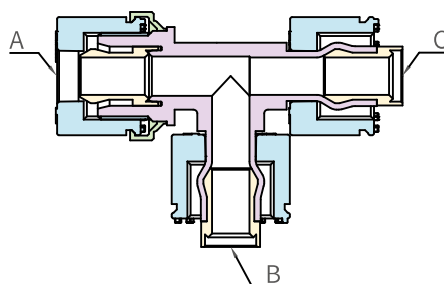
Size : C (T=Tube End)

Size : B (T=Tube End)

Tube Size : A (i=inch/m=mm)

IUTA : Innodis Union Tee Adaptor

UNION TEE ADAPTOR (SLEEVE & NUT SET)



* Type : c

IUTA - 12i - 12A - 12A - M1c

M1 : Mega Lock Type (사출 射出)

c : Type

Size : C (A=Sleeve & Nut Set)

Size : B (A=Sleeve & Nut Set)

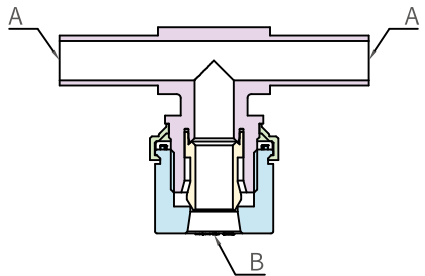
Tube Size : A (i=inch/m=mm)

IUTA : Innodis Union Tee Adaptor

UNION TEE ADAPTOR

TYPE d

UNION TEE ADAPTOR (TUBE END)



* Type : d

IUTA - 12T - 12i - M1d

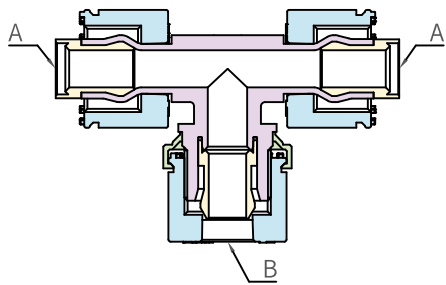
M1 : Mega Lock Type (사출射出)
d : Type

Tube Size : B (i=inch/m=mm)

Size : A (T=Tube End)

IUTA : Innodis Union Tee Adaptor

UNION TEE ADAPTOR (SLEEVE & NUT SET)



* Type : d

IUTA - 12A - 12i - M1d

M1 : Mega Lock Type (사출射出)
d : Type

Tube Size : B (i=inch/m=mm)

Size : A (A=Sleeve & Nut Set)

IUTA : Innodis Union Tee Adaptor

PFA사출射出 VALVE

PTFE 가공 VALVE

PVC사출射出 VALVE

SUS VALVE

BELLOWS PUMP

FLOW METER

PFA FITTING
(Mega Lock Type)

QUARTZ FITTING
(Quartz Type)

PFA WELDING FITTING
(Welding Type)

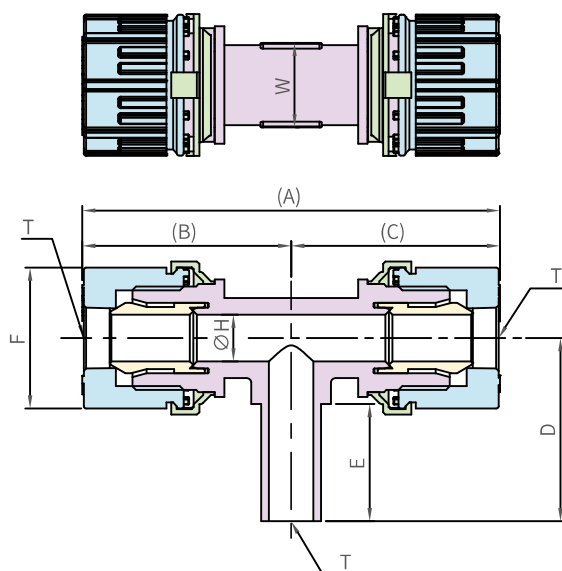
PRODUCTS

UNION TEE ADAPTOR

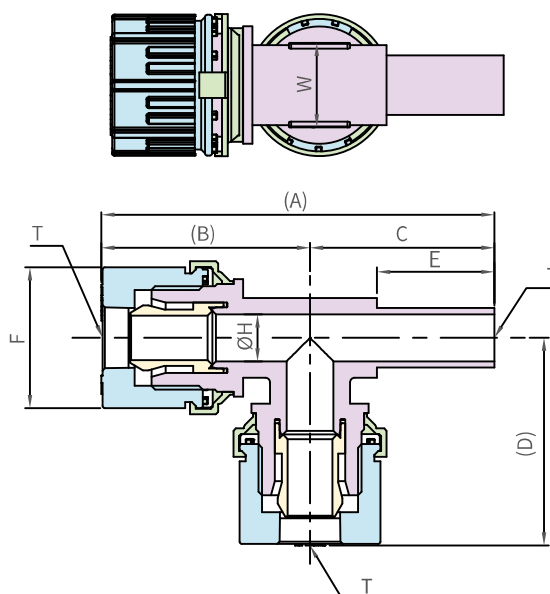
▼ TUBE END TYPE

IUTA

a



b



METRIC TUBE TYPE

PART No.		Tube Size	A(A)	B(B)	C(C)	D(D)	E	ØH	F	W
metric connection			Dimension : mm							
IUTA - 6T - 6m - M1	d	6 x 4	54	27	27	30.4	17.5	4	17	9.6
IUTA - 6m - 6T - 6T - M1	c	"	57.4	30.4	"	27	"	"	"	"
IUTA - 6m - 6T - M1	a	"	60.8	"	30.4	"	"	"	"	"
IUTA - 6m - 6m - 6T - M1	b	"	57.4	"	27	30.4	"	"	"	"
IUTA - 8T - 8m - M1	d	8 x 6	58	29	29	33.7	18	6	20	13
IUTA - 8m - 8T - 8T - M1	c	"	62.7	33.7	"	29	"	"	"	"
IUTA - 8m - 8T - M1	a	"	67.4	"	33.7	"	"	"	"	"
IUTA - 8m - 8m - 8T - M1	b	"	62.7	"	29	33.7	"	"	"	"
IUTA - 10T - 10m - M1	d	10 x 8	66.8	33.4	33.4	37.8	21	8	25	14.8
IUTA - 10m - 10T - 10T - M1	c	"	71.3	37.9	"	33.3	"	"	"	"
IUTA - 10m - 10T - M1	a	"	75.8	"	37.9	"	"	"	"	"
IUTA - 10m - 10m - 10T - M1	b	"	71.3	"	33.4	37.8	"	"	"	"
IUTA - 12mT - 12m - M1	d	12 x 10	78.5	39.25	39.25	44.2	25	10	30	18
IUTA - 12m - 12mT - 12mT - M1	c	"	83.7	44.45	"	39	"	"	"	"
IUTA - 12m - 12mT - M1	a	"	88.9	"	44.45	"	"	"	"	"
IUTA - 12m - 12m - 12mT - M1	b	"	83.7	"	39.25	44.2	"	"	"	"
IUTA - 19T - 19m - M1	d	19 x 15.8	99	49.5	49.5	56.4	31	16	40	27
IUTA - 19m - 19T - 19T - M1	c	"	105.9	56.4	"	49.5	"	"	"	"
IUTA - 19m - 19T - M1	a	"	112.8	"	56.4	"	"	"	"	"
IUTA - 19m - 19m - 19T - M1	b	"	105.9	"	49.5	56.4	"	"	"	"
IUTA - 25T - 25m - M1	d	25 x 22	124	62	62	67.9	39	22	50.5	34
IUTA - 25m - 25T - 25T - M1	c	"	129.9	67.9	"	62	"	"	"	"
IUTA - 25m - 25T - M1	a	"	135.8	"	67.9	"	"	"	"	"
IUTA - 25m - 25m - 25T - M1	b	"	129.9	"	62	67.9	"	"	"	"

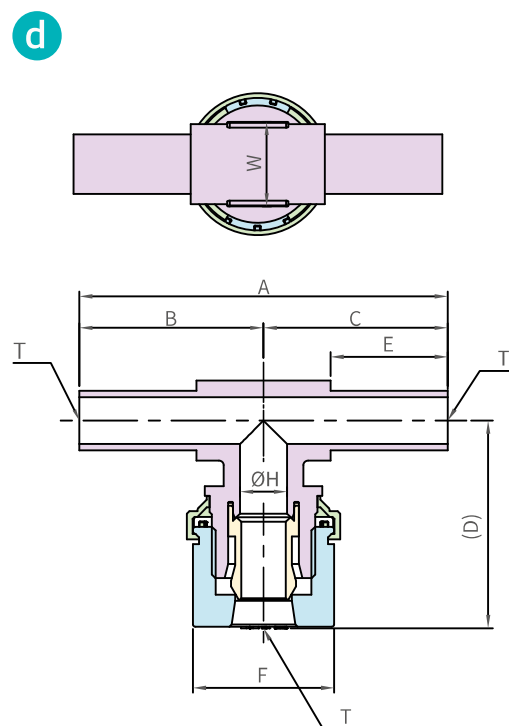
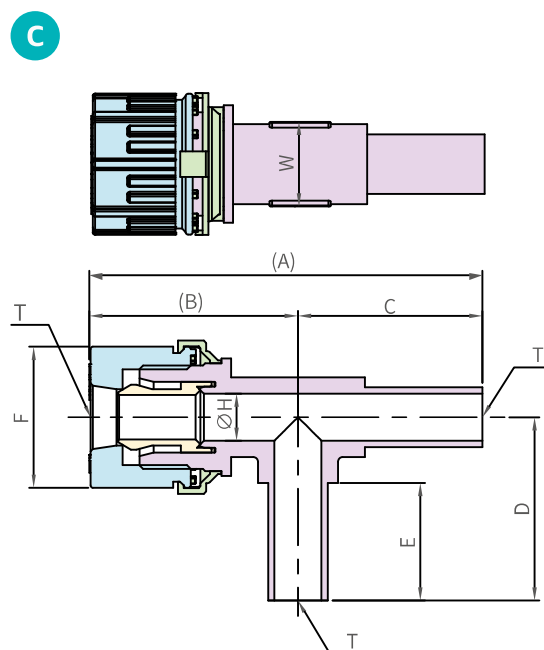
•PART NO. 외에 사이즈는 영업부에 문의하여 주시기 바랍니다

PART NO. 以外の尺寸 请咨询营业部

UNION TEE ADAPTOR

▼ TUBE END TYPE

IUTA



INCH TUBE TYPE

PART No.		Tube Size	A(A)	B(B)	C(C)	D(D)	E	ØH	F	W
Inch connection			Dimension : mm							
IUTA - 14T - 14i - M1	d	1/4" x 5/32"	53	26.5	26.5	30.4	17.5	4	17	9.6
IUTA - 14i - 14T - 14T - M1	c	"	56.9	30.4	"	26.5	"	"	"	"
IUTA - 14i - 14T - M1	a	"	60.8	"	30.4	"	"	"	"	"
IUTA - 14i - 14i - 14T - M1	b	"	56.9	"	26.5	30.4	"	"	"	"
IUTA - 38T - 38i - M1	d	3/8" x 1/4"	66.8	33.4	33.4	37.8	21	8	25	14.8
IUTA - 38i - 38T - 38T - M1	c	"	71.3	37.9	"	33.3	"	"	"	"
IUTA - 38i - 38T - M1	a	"	75.8	"	37.9	"	"	"	"	"
IUTA - 38i - 38i - 38T - M1	b	"	71.3	"	33.4	37.8	"	"	"	"
IUTA - 12T - 12i - M1	d	1/2" x 3/8"	78.5	39.25	39.25	44.2	25	10	30	18
IUTA - 12i - 12T - 12T - M1	c	"	83.7	44.45	"	39	"	"	"	"
IUTA - 12i - 12T - M1	a	"	88.9	"	44.45	"	"	"	"	"
IUTA - 12i - 12i - 12T - M1	b	"	83.7	"	39.25	44.2	"	"	"	"
IUTA - 34T - 34i - M1	d	3/4" x 5/8"	99	49.5	49.5	56.4	31	16	40	27
IUTA - 34i - 34T - 34T - M1	c	"	105.9	56.4	"	49.5	"	"	"	"
IUTA - 34i - 34T - M1	a	"	112.8	"	56.4	"	"	"	"	"
IUTA - 34i - 34i - 34T - M1	b	"	105.9	"	49.5	56.4	"	"	"	"
IUTA - 1T - 1i - M1	d	1" x 7/8"	124	62	62	67.9	39	22	50.5	34
IUTA - 1i - 1T - 1T - M1	c	"	129.9	67.9	"	62	"	"	"	"
IUTA - 1i - 1T - M1	a	"	135.8	"	67.9	"	"	"	"	"
IUTA - 1i - 1i - 1T - M1	b	"	129.9	"	62	67.9	"	"	"	"

•PART NO. 외에 사이즈는 영업부에 문의하여 주시기 바랍니다

PART NO. 以外の尺寸 请咨询营业部

PFA射出 VALVE

PTFE加工 VALVE

PVC射出 VALVE

SUS VALVE

BELLOWS PUMP

FLOW METER

PFA FITTING
(Mega Lock Type)

QUARTZ FITTING
(Quartz Type)

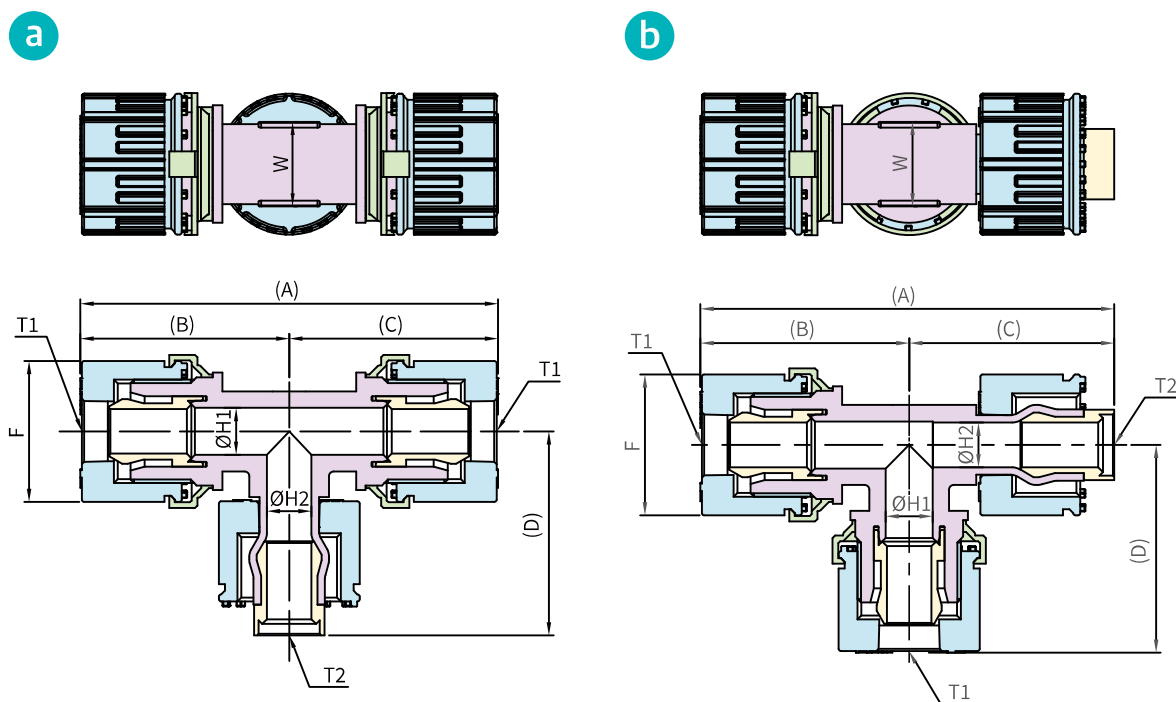
PFA WELDING FITTING
(Welding Type)

PRODUCTS

UNION TEE ADAPTOR

▼ SLEEVE & NUT SET

IUTA



METRIC TUBE TYPE

PART No.		Tube Size T1	Connectable Body Size T2	(A)	(B)	(C)	(D)	ØH1	ØH2	F	W
metric connection											Dimension : mm
IUTA - 6A - 6m - M1	d	6 x 4	6	57.8	28.9	28.9	30.4	4	4	17	9.6
IUTA - 6m - 6A - 6A - M1	c	"	"	59.3	30.4	"	28.9	"	"	"	"
IUTA - 6m - 6A - M1	a	"	"	60.8	"	30.4	"	"	"	"	"
IUTA - 6m - 6m - 6A - M1	b	"	"	59.3	"	28.9	30.4	"	"	"	"
IUTA - 8A - 8m - M1	d	8 x 6	8	65.2	32.6	32.6	33.7	6	6	20	13
IUTA - 8m - 8A - 8A - M1	c	"	"	66.3	33.7	"	32.6	"	"	"	"
IUTA - 8m - 8A - M1	a	"	"	67.4	"	33.7	"	"	"	"	"
IUTA - 8m - 8m - 8A	b	"	"	66.3	"	32.6	33.7	"	"	"	"
IUTA - 10A - 10m - M1	d	10 x 8	10	73.6	36.8	36.8	37.8	8	8	25	14.8
IUTA - 10m - 10A - 10A - M1	c	"	"	74.7	37.9	"	36.7	"	"	"	"
IUTA - 10m - 10A - M1	a	"	"	75.8	"	37.9	"	"	"	"	"
IUTA - 10m - 10m - 10A - M1	b	"	"	74.7	"	36.8	37.8	"	"	"	"
IUTA - 12mA - 12m - M1	d	12 x 10	12	87.3	43.65	43.65	44.2	10	10	30	18
IUTA - 12m - 12mA - 12mA - M1	c	"	"	88.1	44.45	"	43.4	"	"	"	"
IUTA - 12m - 12mA - M1	a	"	"	88.9	"	44.45	"	"	"	"	"
IUTA - 12m - 12m - 12mA - M1	b	"	"	88.1	"	43.65	44.2	"	"	"	"
IUTA - 19A - 19m - M1	d	19 x 15.8	19	109.4	54.7	54.7	56.4	16	15.8	40	27
IUTA - 19m - 19A - 19A - M1	c	"	"	111.1	56.4	"	54.7	"	"	"	"
IUTA - 19m - 19A - M1	a	"	"	112.8	"	56.4	"	"	"	"	"
IUTA - 19m - 19m - 19A - M1	b	"	"	111.1	"	54.7	56.4	"	"	"	"
IUTA - 25A - 25m - M1	d	25 x 22	25	138	69	69	67.9	22	22	50.5	34
IUTA - 25m - 25A - 25A - M1	c	"	"	136.9	67.9	"	69	"	"	"	"
IUTA - 25m - 25A - M1	a	"	"	135.8	"	67.9	"	"	"	"	"
IUTA - 25m - 25m - 25A - M1	b	"	"	136.9	"	69	67.9	"	"	"	"

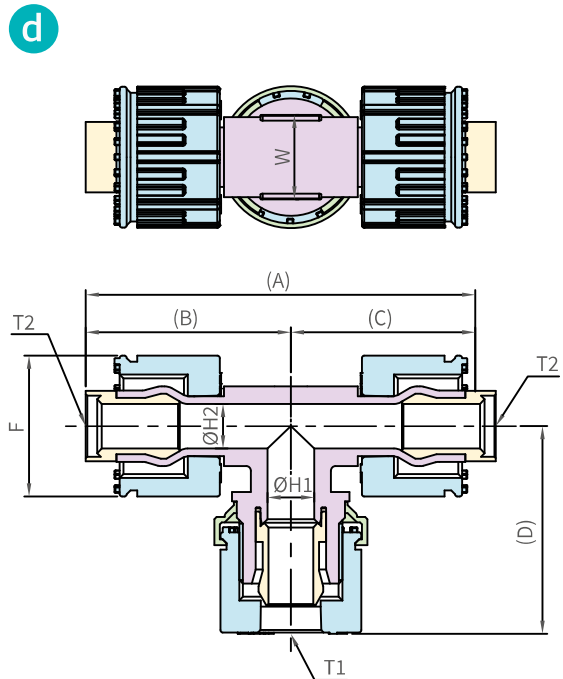
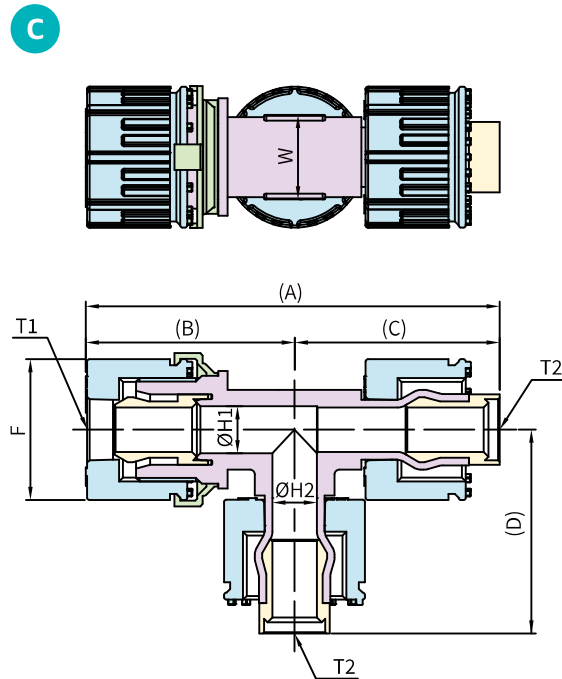
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PART NO. 以外的尺寸 请咨询营业部

UNION TEE ADAPTOR

▼ SLEEVE & NUT SET

IUTA



INCH TUBE TYPE

PART No.		Tube Size T1	Connectable Body Size T2	(A)	(B)	(C)	(D)	ØH1	ØH2	F	W
Inch connection				Dimension : mm							
IUTA - 14A - 14i - M1	d	1/4" x 5/32"	1/4"	57.8	28.9	28.9	30.4	4	3.95	17	9.6
IUTA - 14i - 14A - 14A - M1	c	"	"	59.3	30.4	"	28.9	"	"	"	"
IUTA - 14i - 14A - M1	a	"	"	60.8	"	30.4	"	"	"	"	"
IUTA - 14i - 14i - 14A - M1	b	"	"	59.3	"	28.9	30.4	"	"	"	"
IUTA - 38A - 38i - M1	d	3/8" x 1/4"	3/8"	73.6	36.8	36.8	37.8	8	6.33	25	14.8
IUTA - 38i - 38A - 38A - M1	c	"	"	74.7	37.9	"	36.7	"	"	"	"
IUTA - 38i - 38A - M1	a	"	"	75.8	"	37.9	"	"	"	"	"
IUTA - 38i - 38i - 38A - M1	b	"	"	74.7	"	36.8	37.8	"	"	"	"
IUTA - 12A - 12i - M1	d	1/2" x 3/8"	1/2"	87.3	43.65	43.65	44.2	10	9.5	30	18
IUTA - 12i - 12A - 12A - M1	c	"	"	88.1	44.45	"	43.4	"	"	"	"
IUTA - 12i - 12A - M1	a	"	"	88.9	"	44.45	"	"	"	"	"
IUTA - 12i - 12i - 12A - M1	b	"	"	88.1	"	43.65	44.2	"	"	"	"
IUTA - 34A - 34i - M1	d	3/4" x 5/8"	3/4"	109.4	54.7	54.7	56.4	16	15.8	40	27
IUTA - 34i - 34A - 34A - M1	c	"	"	111.1	56.4	"	54.7	"	"	"	"
IUTA - 34i - 34A - M1	a	"	"	112.8	"	56.4	"	"	"	"	"
IUTA - 34i - 34i - 34A - M1	b	"	"	111.1	"	54.7	56.4	"	"	"	"
IUTA - 1A - 1i - M1	d	1" x 7/8"	1"	138	69	69	67.9	22	22.2	50.5	34
IUTA - 1i - 1A - 1A - M1	c	"	"	136.9	67.9	"	69	"	"	"	"
IUTA - 1i - 1A - M1	a	"	"	135.8	"	67.9	"	"	"	"	"
IUTA - 1i - 1i - 1A - M1	b	"	"	136.9	"	69	67.9	"	"	"	"

•PART NO. 외에 사이즈는 영업부에 문의하여 주시기 바랍니다

PART NO. 以外の尺寸 请咨询营业部

PFA射出 VALVE

PTFE加工 VALVE

PVC射出 VALVE

SUS VALVE

BELLOWS PUMP

FLOW METER

PFA FITTING
(Mega Lock Type)

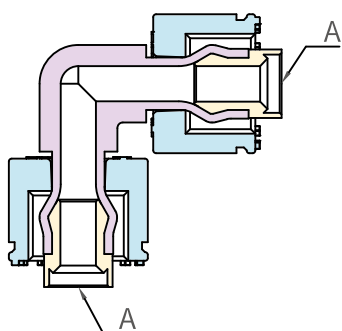
QUARTZ FITTING
(Quartz Type)

PFA WELDING FITTING
(Welding Type)

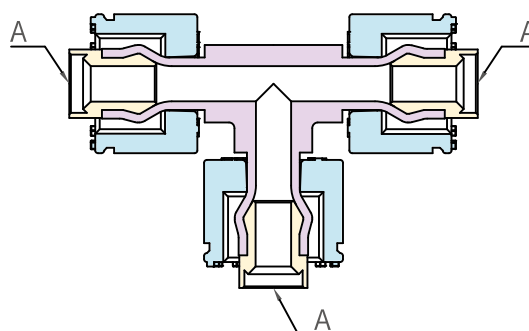
PRODUCTS

ADAPTOR

ELBOW ADAPTOR
(SLEEVE & NUT SET)



TEE ADAPTOR
(SLEEVE & NUT SET)



IEA - 12A - 12A - M1

M1 : Mega Lock Type (사출 射出)

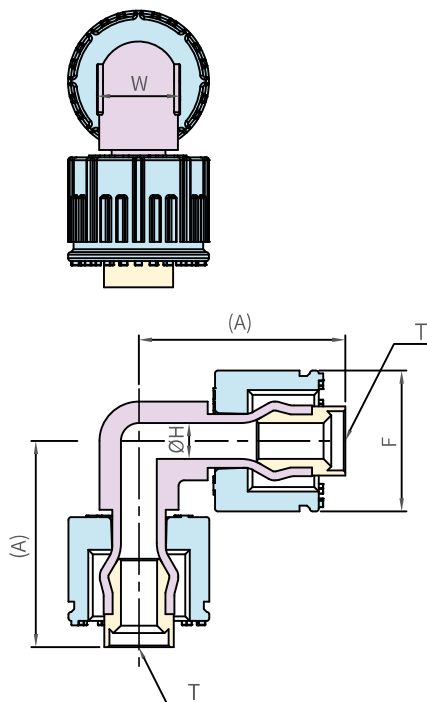
Size : (A=Sleeve & Nut Set)

IEA : Innodis Elbow Adaptor

ITA : Innodis TEE Adaptor

ELBOW ADAPTOR

IEA



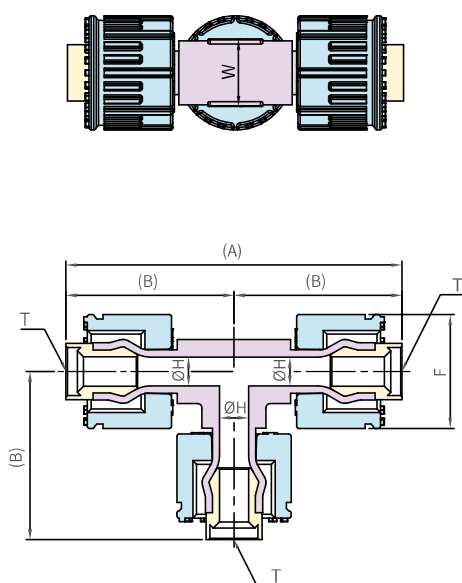
▼ SLEEVE & NUT SET

PART No.	Connectable Body Size T	(A)	ØH	F	W
metric connection		Dimension : mm			
IEA - 6A - 6A - M1	6	28.9	4	17	9.6
IEA - 8A - 8A - M1	8	12.5	6	20	12.5
IEA - 10A - 10A - M1	10	36.6	8	25	14.8
IEA - 12mA - 12mA - M1	12	43.4	10	30	18
IEA - 19A - 19A - M1	19	54.7	15.8	40	27
IEA - 25A - 25A - M1	25	68.8	22	50.5	34
Inch connection		Dimension : mm			
IEA - 14A - 14A - M1	1/4"	28.9	3.95	17	9.6
IEA - 38A - 38A - M1	3/8"	36.6	6.33	25	14.8
IEA - 12A - 12A - M1	1/2"	43.4	9.5	30	18
IEA - 34A - 34A - M1	3/4"	54.7	15.8	40	27
IEA - 1A - 1A - M1	1"	68.8	22.2	50.5	34

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PART NO. 以外的尺寸 请咨询营业部

TEE ADAPTOR

ITA



▼ SLEEVE & NUT SET

PART No.	Connectable Body Size T	(A)	(B)	ØH	F	W
metric connection				Dimension : mm		
ITA - 6A - 6A - M1	6	57.8	28.9	4	17	9.6
ITA - 8A - 8A - M1	8	65.2	32.6	6	20	13
ITA - 10A - 10A - M1	10	73.6	36.8	8	25	14.8
ITA - 12mA - 12mA - M1	12	87.3	43.4	10	30	18
ITA - 19A - 19A - M1	19	109.4	54.7	15.8	40	27
ITA - 25A - 25A - M1	25	138	69	22	50.5	34
Inch connection				Dimension : mm		
ITA - 14A - 14A - M1	1/4"	57.8	28.9	3.95	17	9.6
ITA - 38A - 38A - M1	3/8"	73.6	36.8	6.33	25	14.8
ITA - 12A - 12A - M1	1/2"	87.3	43.4	9.5	30	18
ITA - 34A - 34A - M1	3/4"	109.4	54.7	15.8	40	27
ITA - 1A - 1A - M1	1"	138	69	22.2	50.5	34

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PART NO. 以外的尺寸 请咨询营业部

PFA射出 VALVE

PTFE 가공 VALVE

PVC射出 VALVE

SUS VALVE

BELLOWS PUMP

FLOW METER

PFA FITTING
(Mega Lock Type)

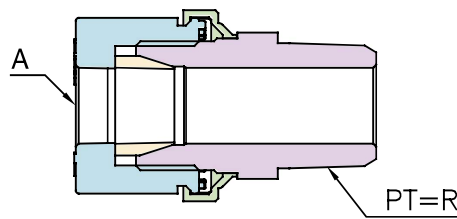
QUARTZ FITTING
(Quartz Type)

PFA WELDING FITTING
(Welding Type)

PRODUCTS

MALE CONNECTOR THROUGH

FERRULE TYPE



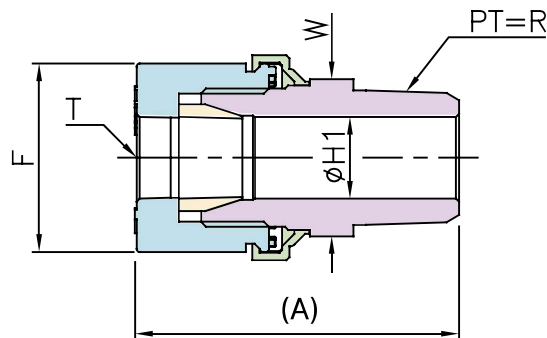
IMCF - 12i - R12 - M1
M1 : Mega Lock Type (사출 射出)
Size : R=PT
Tube Size : A (i=inch/m=mm)
IMCF : Innodis Male Connector Ferrule

MALE CONNECTOR THROUGH (FERRULE TYPE)

•압력이나 씰링을 요하는 구간은 확장형 피팅 사용을 권장합니다
对于需要承压或密封的区间，建议使用扩口式管接头

MALE CONNECTOR THROUGH

IMCF | FERRULE TYPE(관통형 피팅)



PART No.	Tube Size	Thread Size	(A)	ØH1	F	W
metric connection (R=PT)			Dimension : mm			
IMCF - 6m - R18 - M1	6 x 4	R 1/8	34.9	6.5	17.3	16
IMCF - 6m - R14 - M1	"	R 1/4	38.9	"	"	"
IMCF - 6m - R38 - M1	"	R 3/8	"	10	"	"
IMCF - 8m - R14 - M1	8 x 6	R 1/4	40.7	8.2	19.5	18
IMCF - 8m - R38 - M1	"	R 3/8	"	"	"	"
IMCF - 8m - R12 - M1	"	R 1/2	44.7	"	22.7	21
IMCF - 10m - R38 - M1	10 x 8	R 3/8	43.5	10.2	"	"
IMCF - 10m - R12 - M1	"	R 1/2	47.5	"	"	"
IMCF - 12m - R38 - M1	12 x 10	R 3/8	48.2	12.2	27	25
IMCF - 12m - R12 - M1	"	R 1/2	52.2	"	"	"
IMCF - 19m - R34 - M1	19 x 15.8	R 3/4	64.4	19.2	36.8	34
IMCF - 25m - R1 - M1	25 x 22	R 1	78.1	25.6	46.5	43
Inch connection (R=PT)			Dimension : mm			
IMCF - 14i - R18 - M1	1/4" x 5/32"	R 1/8	34.9	6.5	17.3	16
IMCF - 14i - R14 - M1	"	R 1/4	38.9	"	"	"
IMCF - 14i - R38 - M1	"	R 3/8	"	10	"	"
IMCF - 38i - R38 - M1	3/8" x 1/4"	R 3/8	43.5	9.7	22.7	21
IMCF - 38i - R12 - M1	"	R 1/2	47.5	"	"	"
IMCF - 12i - R38 - M1	1/2" x 3/8"	R 3/8	48.2	13	27	25
IMCF - 12i - R12 - M1	"	R 1/2	52.2	"	"	"
IMCF - 34i - R34 - M1	3/4" x 5/8"	R 3/4	64.4	19.2	36.8	34
IMCF - 1i - R1 - M1	1" x 7/8"	R 1	78.1	25.6	46.5	43

•PART NO. 외에 사이즈는 영업부에 문의하여 주시기 바랍니다

PART NO. 以外的尺寸 请咨询营业部

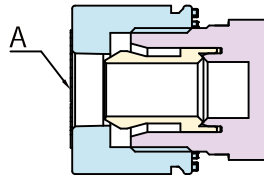
05

OTHERS

TUBE CAP
CAP SLEEVE
NUT
SLEEVE

TUBE CAP

TUBE CAP



IF - TC12i - M1

M1 : Mega Lock Type (사출射出)
MF : PFA(가공가공) / MT : PTFE(가공가공)

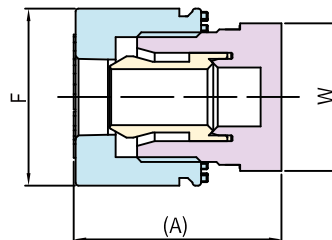
TC : Tube Cap
Tube Size : A (i=inch/m=mm)

IF : Innodis Fitting

Nut, Sleeve, Lock gauge는 미포함 상품입니다. 不含Nut, Sleeve, Lock gauge。

TUBE CAP

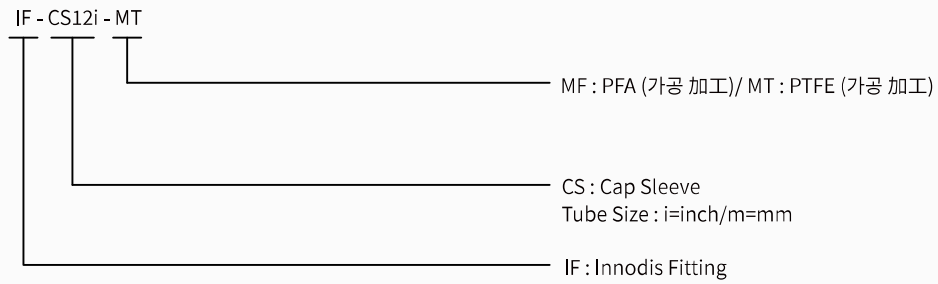
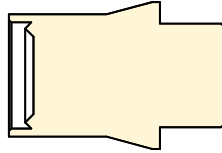
IF-TC



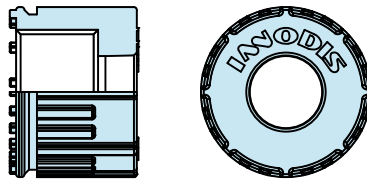
PART No.	Tube Size	(A)	F	W
metric connection		Dimension : mm		
IF - TC3m - MT-S / MF-S	3 x 2	22	12.7	13.9
IF - TC4m - MT-S / MF-S	4 x 3	"	"	"
IF - TC6m - M1-S	6 x 4	25.9	17	16
IF - TC8m - M1-S	8 x 6	27.7	20	18
IF - TC10m - M1-S	10 x 8	30.5	25	21
IF - TC12m - M1-S	12 x 10	35.2	30	25
IF - TC19m - M1-S	19 x 15.8	45.4	40	34
IF - TC25m - M1-S	25 x 22	56.9	50.5	43
Inch connection		Dimension : mm		
IF - TC18i - MT-S / MF-S	1/8" x 0.086"	22	12.7	13.9
IF - TC14i - M1-S	1/4" x 5/32"	25.9	17	16
IF - TC38i - M1-S	3/8" x 1/4"	30.5	25	21
IF - TC12i - M1-S	1/2" x 3/8"	35.2	30	25
IF - TC34i - M1-S	3/4" x 5/8"	45.4	40	34
IF - TC1i - M1-S	1" x 7/8"	56.9	50.5	43

CAP SLEEVE, UNION NUT, SLEEVE

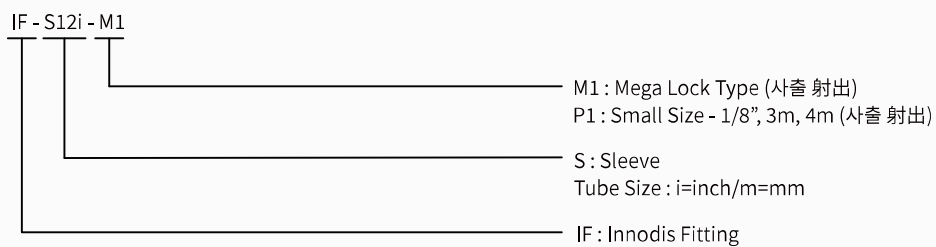
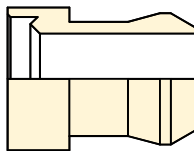
CAP SLEEVE



UNION NUT



SLEEVE



PFA사출 射出 VALVE

PTFE 가공 加工 VALVE

PVC사출 射出 VALVE

SUS VALVE

BELLOWS PUMP

FLOW METER

PFA FITTING
(Mega Lock Type)

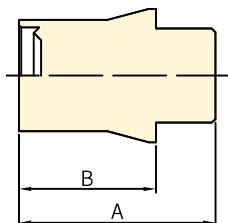
QUARTZ FITTING
(Quartz Type)

PFA WELDING FITTING
(Welding Type)

PRODUCTS

CAP SLEEVE

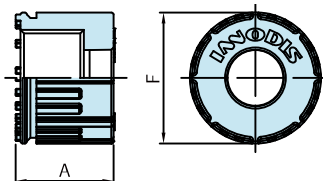
IF-CS



PART No.	Tube Size	A	B
metric connection		Dimension : mm	
IF - CS3m - MT	3 x 2	12.3	9.8
IF - CS4m - MT	4 x 3	"	"
IF - CS6m - MT	6 x 4	17.5	11.5
IF - CS8m - MT	8 x 6	19	12.6
IF - CS10m - MT	10 x 8	21.2	14.2
IF - CS12m - MT	12 x 10	27	19
IF - CS19m - MT	19 x 15.8	32.8	23.8
IF - CS25m - MT	25 x 22	40.2	30.2
Inch connection		Dimension : mm	
IF - CS18i - MT	1/8" x 0.086"	12.3	9.8
IF - CS14i - MT	1/4" x 5/32"	17.5	11.5
IF - CS38i - MT	3/8" x 1/4"	21.2	14.2
IF - CS12i - MT	1/2" x 3/8"	27	19
IF - CS34i - MT	3/4" x 5/8"	32.8	23.8
IF - CS1i - MT	1" x 7/8"	40.2	30.2

NUT

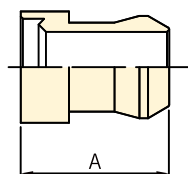
IF-N



PART No.	Tube Size	A	F	W
metric connection		Dimension : mm		
IF - N3m - M1	3 x 2	10	12.7	11
IF - N4m - M1	4 x 3	"	"	"
IF - N6m - M1	6 x 4	15.8	17	-
IF - N8m - M1	8 x 6	17.9	20	-
IF - N10m - M1	10 x 8	19.5	25	-
IF - N12m - M1	12 x 10	22.7	30	-
IF - N19m - M1	19 x 15.8	28.8	40	-
IF - N25m - M1	25 x 22	33.8	50.5	-
Inch connection		Dimension : mm		
IF - N18i - M1	1/8" x 0.086"	10	12.7	11
IF - N14i - M1	1/4" x 5/32"	15.8	17	-
IF - N38i - M1	3/8" x 1/4"	19.5	25	-
IF - N12i - M1	1/2" x 3/8"	22.7	30	-
IF - N34i - M1	3/4" x 5/8"	28.8	40	-
IF - N1i - M1	1" x 7/8"	33.8	50.5	-

SLEEVE

IF-S



PART No.	Tube Size	A
metric connection		Dimension : mm
IF - S3m - M1	3 x 2	10
IF - S4m - M1	4 x 3	"
IF - S6m - M1	6 x 4	12.5
IF - S8m - M1	8 x 6	14
IF - S10m - M1	10 x 8	15.8
IF - S12m - M1	12 x 10	20.2
IF - S19m - M1	19 x 15.8	24.3
IF - S25m - M1	25 x 22	31
Inch connection		Dimension : mm
IF - S18i - M1	1/8" x 0.086"	10
IF - S14i - M1	1/4" x 5/32"	12.4
IF - S38i - M1	3/8" x 1/4"	15.7
IF - S12i - M1	1/2" x 3/8"	20
IF - S34i - M1	3/4" x 5/8"	24.3
IF - S1i - M1	1" x 7/8"	31

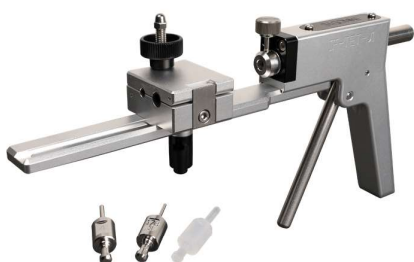
06

FITTING JIG

TUBE EXPANDING JIG
NUT ASSEMBLY JIG

TUBE EXPANDING JIG

MEGA LOCK TYPE



Tube Expanding Gun

* Body Size. 296(W) x 160(L) x 47(H)

Size	Code No	Weight
1/8", 1/4"	IF - TET - J1 - M1	750g
3mm ~ 8mm	IF - TET - J1M - M1	750g



Tube Expanding Tool

* Body Size. 310(W) x 105(L) x 62(H)

Size	Code No	Weight
3/8" ~ 1"	IF - TET - J2 - M1	2650g
10mm ~ 25mm	IF - TET - J2M - M1	2650g



Tube Expanding Jig <Rod Type>

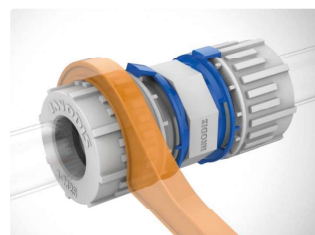
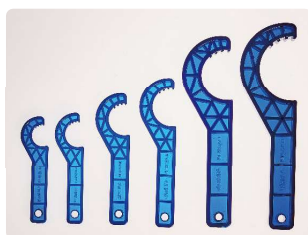
Part Name	Size	Code No	Weight
Set Code No	Inch	IFER - i - S - M1	570g
	mm	IFER - M - S - M1	630g



Tube Expanding Jig (L) / Sleeve Fix Jig (R) / 대구경 Expanding Jig

Part Name	Size	Code No	Weight
Set Code No	Inch	IFEF - i - S - M1	940g
	mm	IFEF - M - S - M1	940g
	1-1/4"	IFEF-114i-S	-
	1-1/2"	IFEF-112i-S	-

NUT ASSEMBLY JIG



Part Name	Size	Code No	Weight
Nut Assembly Jig	1/4" (6mm)	IFA - 14i - M1	5g
	8mm	IFA - 8m - M1	5g
	3/8" (10mm)	IFA - 38i - M1	10g
	1/2" (12mm)	IFA - 12i - M1	15g
	3/4" (19mm)	IFA - 34i - M1	30g
	1" (25mm)	IFA - 1i - M1	40g
Set Code No	Inch / mm	IFA - SET - M1	295g