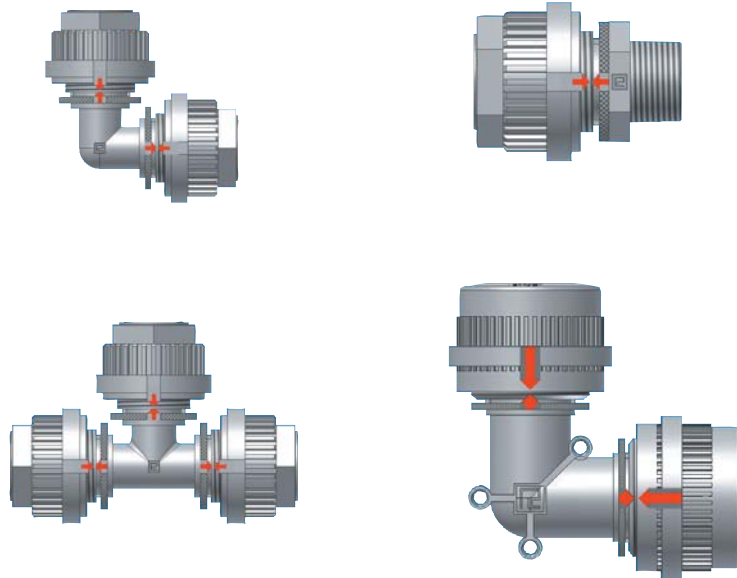


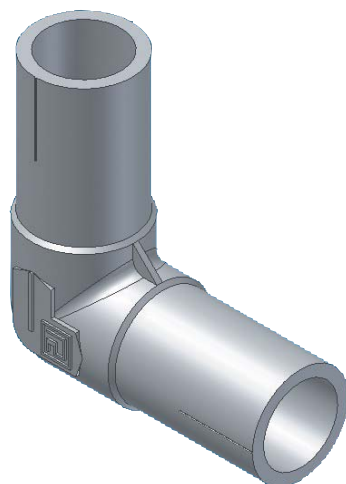


High-Purity PureLine PFA System

The World Best Knowledge Provider's



PFA Union & Fusible Type Fitting



수지제 배관 접속 체결관 구조 (Fitting Connection Structure and System)

■ Double Seal 구조 (Double seal system)

- 1차 접점셀로 기밀유지.

Primary Seal on fitting and tube by joint force

- 2차 면 접촉셀로 기밀유지.

Secondary Seal by tapered design nuts

■ 과체결 방지기능 (Prevent performance from over locking)

강한 조임력으로 Tube의 기밀을 요구할시 너트가 Fitting의 나사산을 벗어나 헛도는 문제를 너트축의 돌출부가 피팅을 "ㄷ" 자 공간 끝부분과 맞닿으면서 근본적으로 방지 할 수 있다.

It is ideally suited for prevent performance from over locking by special design of nuts, which is about tighten force need to maintain to seal on tube and fitting connection.

■ 눈 관리 (Eye marking)

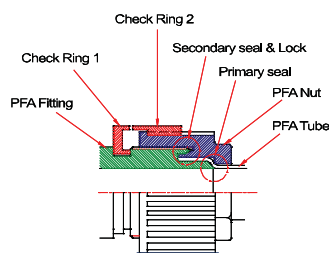
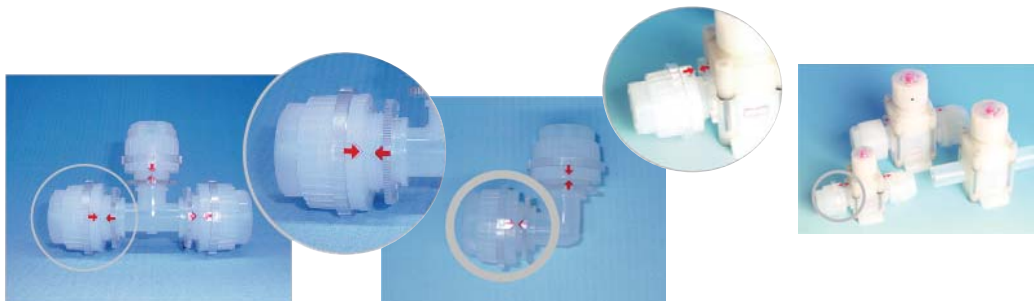
- 접속 체결관이 진동, 혹은 임의적으로 회전되는 경우 화살표가 어긋나게 배치되어 너트의 풀림 정도 여부 및 정도를 육안으로 쉽게 판단 할 수 있다.

Assured visual position on nuts by red color arrow marking parts by issued patent.

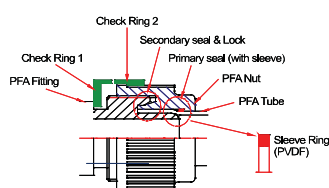
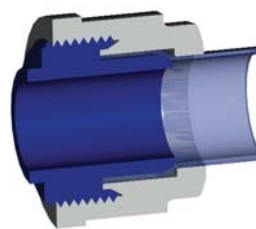
It is easily find out to leakage point from vibration during line operation after final test off.

- 배관 누출 감지시 전체 배관점검에 따르는 유지보수 비용절감을 위해 육안 식별만으로 큰 효과를 거둘 수 있다.

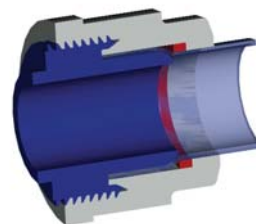
This system is capable to more effect management control before leakage happen to line operation.



<1/4", 3/8", 1/2", 3/4", 1" Nut>



<1-1/2" Nut>



Ordering System

PL0000			0000		-	000		-	00				
Product Name	:	Symbol	①										
Union Elbow	:	UE											
Union Tee	:	UT											
Union Straight	:	US											
Nut	:	N											
End Cap	:	EC											
Space Saver Union Elbow	:	SSUE											
Union Reducer	:	UR	①		-	①			NPT Screw	PT Screw			
Pannel Mounting Union	:	PMU											
Elbow Tube Adaptor	:	ETA	②		-	①							
Tube Adaptor	:	TA											
Elbow Tube Adaptor Saver	:	ETAS											
Space Saver Adaptor	:	SSA											
Union Flange Adaptor	:	UFA	② + ⑤ + ⑥		-	①							
Male Elbow Connector	:	MEC	①		-	③							
Male Connector	:	MC				④							
Female Connector	:	FC											
Union Red-Tee	:	URT	①		-	①							
Space Saver Union Tee	:	SSUT											
HPBOND Elbow	:	PE	②						NPT Screw	PT Screw			
HPBOND Tee	:	PT											
HPBOND End Cap	:	PEC											
HPBOND Flange Adaptor	:	PFA	② + ⑤ + ⑥										
HPBOND Reducer	:	PR	②		-	②							
HPBOND Female Adaptor	:	PFAN	②		-	③							
HPBOND Male Adaptor	:	PMAN				④							
HPBOND Red-Tee	:	PRT	②		-	② ②		-					

①	Size	Symbol
Union Type	1/4"	04
	3/8"	06
	1/2"	08
	3/4"	12
	1"	16
	1-1/2"	20

②	Size	Symbol
Fusible Type (HPBOND)	15A	15
	20A	20
	25A	25
	40A	40
	50A	50

③	Size	Symbol
NPT Screw	1/4"	06N
	3/8"	10N
	1/2"	15N
	3/4"	20N
	1"	25N

④	Size	Symbol
PT Screw	1/4"	06P
	3/8"	10P
	1/2"	15P
	3/4"	20P
	1"	25P

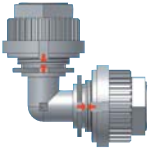
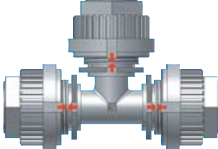
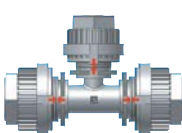
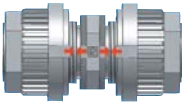
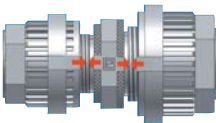
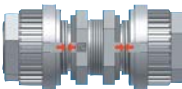
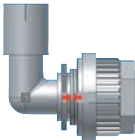
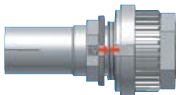
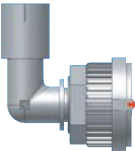
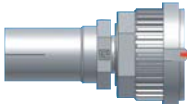
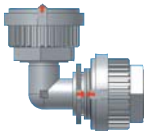
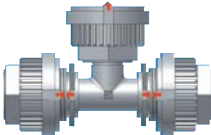
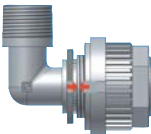
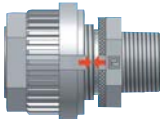
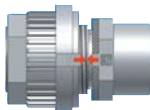
⑤	Std'	Symbol
Flange Std'	ANSI150#	A
	JIS10KG	J

⑥	Mat'l	Symbol
Flange Mat'l	0	"None"
	1	SUS304
	2	SS41+PFA Coating
	3	SUS304+PFA Coating
PFA Coating Color of Our is Black		

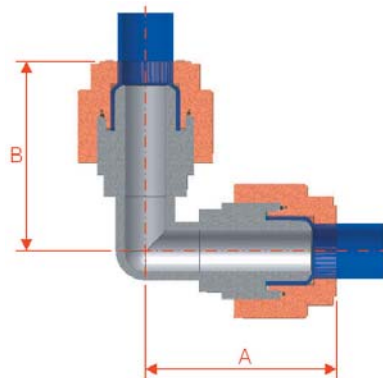
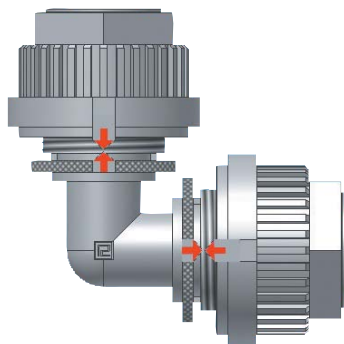
Example

		PL0000	0000	-	000	-	00
Union Tee 1/4"	->	PLUT	04				
Male Elbow Connector 3/4"	->	PLMEC	12	-	20N		

Union Type-Small Size

		
Union Elbow	Union Tee	Union Red-Tee
		
Union Straight	Union Reducer	Pannel Mounting Union
		
Union Flange Adaptor	Elbow Tube Adaptor	Tube Adaptor
		
Elbow Tube Adaptor Saver	Space Saver Adaptor	Space Saver Union Elbow
		
Space Saver Union Tee	Nut	End Cap
		
Male Elbow Connector	Male Connector	Female Connector

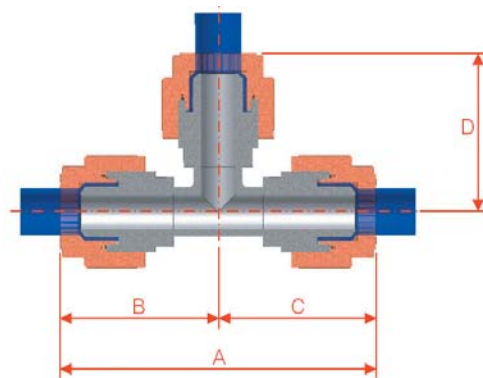
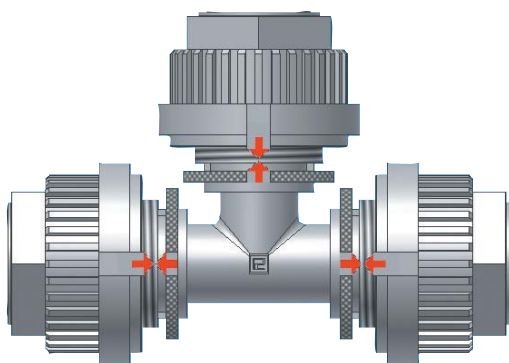
Union Elbow



Unit : mm

Part Number	Nominal Size	Dimension Table	
		A	B
PLUE04	1/4"	46	46
PLUE06	3/8"	50	50
PLUE08	1/2"	58	58
PLUE12	3/4"	64	64
PLUE16	1"	75	75

Union Tee

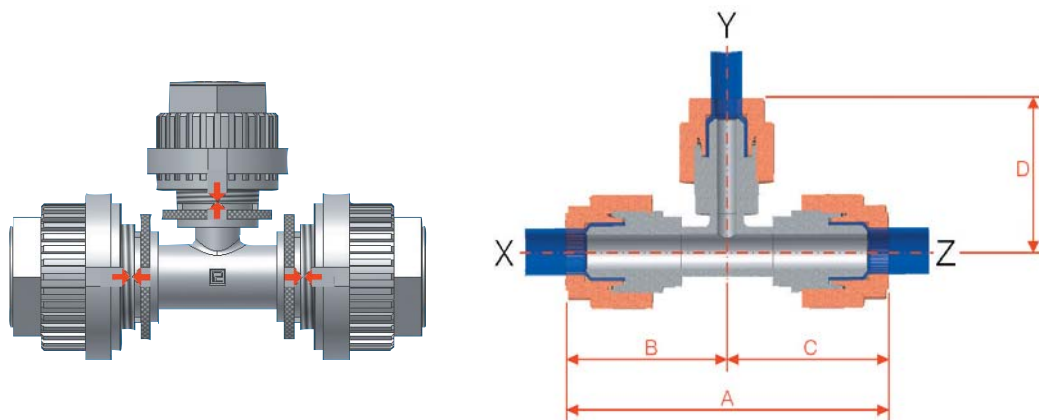


Unit : mm

Part Number	Nominal Size	Dimension Table			
		A	B	C	D
PLUT04	1/4"	92	46	46	46
PLUT06	3/8"	100	50	50	50
PLUT08	1/2"	116	58	58	58
PLUT12	3/4"	128	64	64	64
PLUT16	1"	150	75	75	75

● 상기 치수표에 표시한 치수는 참조치수이며 보증치수가 아닙니다.
Above all dimensions are for reference only.

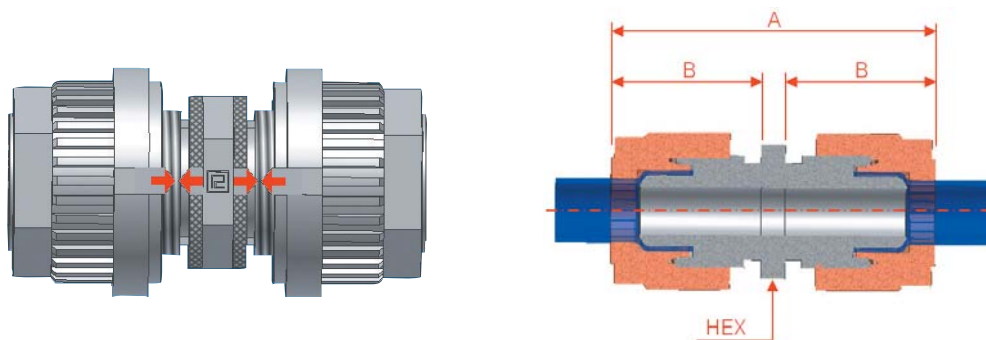
Union Red-Tee



Unit : mm

Part Number	Nominal Size X Y Z	Dimension Table			
		A	B	C	D
PLURT06-04-06	3/8" X 1/4" X 3/8"	100	50	50	49
PLURT08-04-08	1/2" X 1/4" X 1/2"	116	58	58	46
PLURT08-06-08	1/2" X 3/8" X 1/2"	116	58	58	51
PLURT12-04-12	3/4" X 1/4" X 3/4"	128	64	64	50
PLURT12-06-12	3/4" X 3/8" X 3/4"	128	64	64	52
PLURT12-08-12	3/4" X 1/2" X 3/4"	128	64	64	62
PLURT12-08-08	3/4" X 1/2" X 1/2"	122	58	64	58
PLURT16-04-16	1" X 1/4" X 1"	150	75	75	60
PLURT16-06-16	1" X 3/8" X 1"	150	75	75	63
PLURT16-08-16	1" X 1/2" X 1"	150	75	75	71
PLURT16-12-16	1" X 3/4" X 1"	150	75	75	69

Union Straight

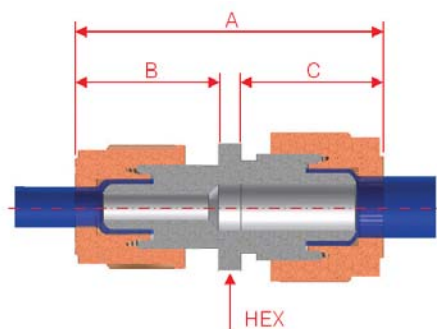
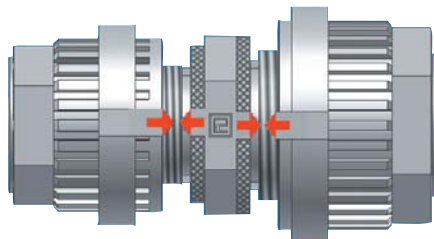


Unit : mm

Part Number	Nominal Size	Dimension Table	
		A	B
PLUS04	1/4"	71	32
PLUS06	3/8"	75	34
PLUS08	1/2"	89	41
PLUS12	3/4"	93	43
PLUS16	1"	105	49

ⓘ 상기 치수표에 표시한 치수는 참조치수이며 보증치수가 아닙니다.
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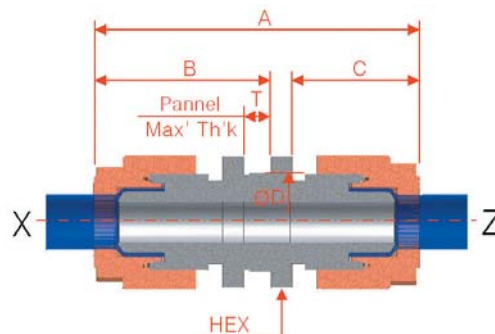
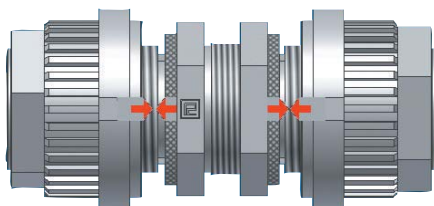
Union Reducer



Unit : mm

Part Number	Nominal Size	Dimension Table		
		A	B	C
PLUR04-06	1/4" X 3/8"	73	32	34
PLUR04-08	1/4" X 1/2"	80	32	41
PLUR04-12	1/4" X 3/4"	82	32	43
PLUR04-16	1/4" X 1"	88	32	49
PLUR06-08	3/8" X 1/2"	82	34	41
PLUR06-12	3/8" X 3/4"	84	34	43
PLUR06-16	3/8" X 1"	90	34	49
PLUR08-12	1/2" X 3/4"	91	41	43
PLUR08-16	1/2" X 1"	97	41	49
PLUR12-16	3/4" X 1"	99	43	49

Pannel Mounting Union

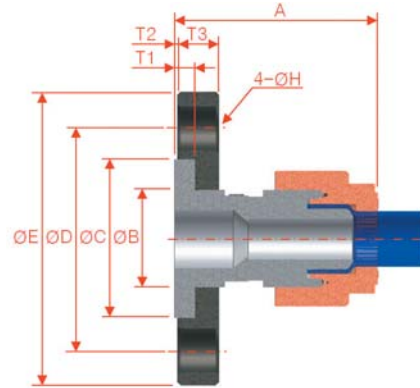
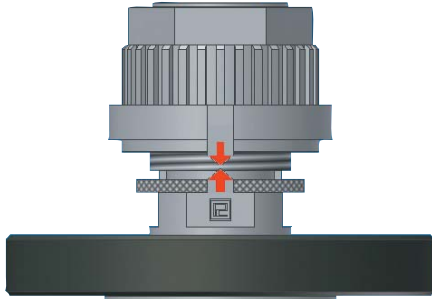


Unit : mm

Part Number	Nominal Size X Z	Dimension Table				
		A	B	C	ØD	T
PLPMU04-04	1/4" X 1/4"	87	48	32	21	10
PLPMU06-06	3/8" X 3/8"	91	50	34	25	10
PLPMU04-08	1/4" X 1/2"	96	48	41	21	10
PLPMU08-08	1/2" X 1/2"	105	57	41	28	10
PLPMU08-12	1/2" X 3/4"	107	57	43	28	10
PLPMU04-12	1/4" X 3/4"	98	48	43	35	10
PLPMU12-12	3/4" X 3/4"	109	59	43	35	10
PLPMU12-16	3/4" X 1"	115	59	49	42	10
PLPMU16-16	1" X 1"	121	65	49	42	10

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Union Flange Adaptor

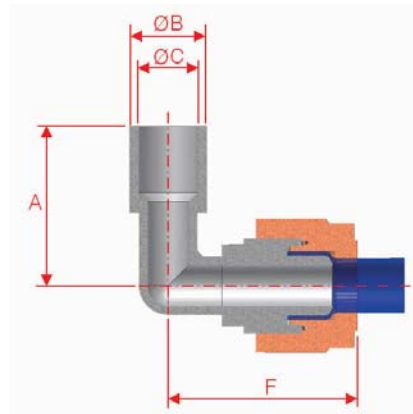
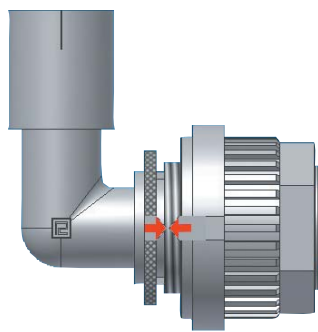


- ▶ Flange은 옵션사양이므로 주문시 사양은 명기하여 주시기 바랍니다. (Ordering System 참조)
- ▶ 기본사양은 Flange 없이 공급합니다.

Unit : mm

Part Number	Nominal Size	Dimension Table								
		A	ØB	ØC	ØD	ØE	ØH	T1	T2	T3
PLUFA15J0-08	15AX1/2"	62	26	49	70	95	15	6	3	12
PLUFA20J0-04	20AX1/4"	57	33	54	75	100	15	6	3	14
PLUFA20J0-08	20AX1/2"	67	33	52	75	100	15	6	3	14
PLUFA20J0-12	20AX3/4"	67	33	54	75	100	15	6	3	14
PLUFA25J0-16	25AX1"	77	40	64	90	125	19	6	3	14
PLUFA15A0-08	1/2"X1/2"	62	26	39	60.3	89	16	5	3	11.5
PLUFA20A0-04	3/4"X1/4"	57	33	49	69.9	98	16	6	3	13
PLUFA20A0-12	3/4"X3/4"	67	33	49	69.9	98	16	6	3	13
PLUFA25A0-16	1"X1"	77	40	58	79.4	108	16	6	3	14.5

Elbow Tube Adaptor

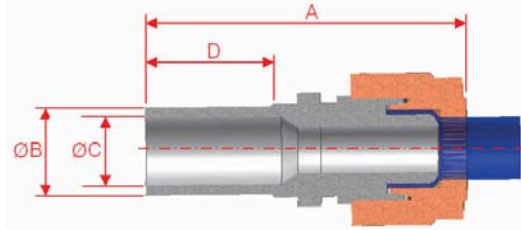
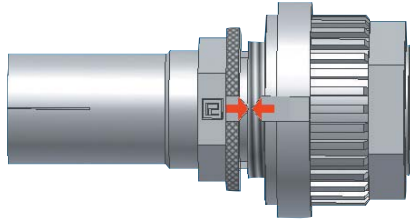


Unit : mm

Part Number	Nominal Size	Dimension Table			
		A	ØB	ØC	F
PLETA20-12	20AX3/4"	55	26.7	20.5	64
PLETA20-16	20AX1"	58	26.7	20.5	75
PLETA25-12	25AX3/4"	63	33.4	26.2	64
PLETA25-16	25AX1"	63	33.4	26.2	75

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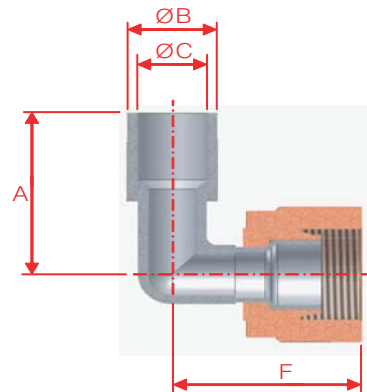
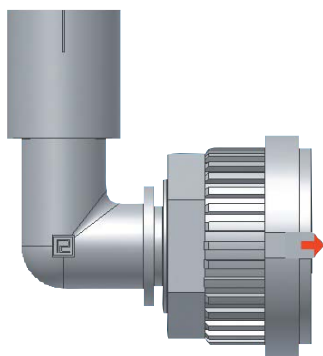
Tube Adaptor



Unit : mm

Part Number	Nominal Size	Dimension Table			
		A	ØB	ØC	D
PLTA15-04	15AX1/4"	84	21.4	15.4	37
PLTA15-06	15AX3/8"	86	21.4	15.4	37
PLTA15-08	15AX1/2"	94	21.4	15.4	37
PLTA15-12	15AX3/4"	95	21.4	15.4	37
PLTA15-16	15AX1"	102	21.4	15.4	37
PLTA20-04	20AX1/4"	84	26.7	20.5	37
PLTA20-06	20AX3/8"	86	26.7	20.5	37
PLTA20-08	20AX1/2"	94	26.7	20.5	37
PLTA20-12	20AX3/4"	95	26.7	20.5	37
PLTA20-16	20AX1"	102	26.7	20.5	37
PLTA25-04	25AX1/4"	84	33.4	26.2	37
PLTA25-06	25AX3/8"	86	33.4	26.2	37
PLTA25-08	25AX1/2"	94	33.4	26.2	37
PLTA25-12	25AX3/4"	95	33.4	26.2	37
PLTA25-16	25AX1"	102	33.4	26.2	37

Elbow Tube Adaptor Saver

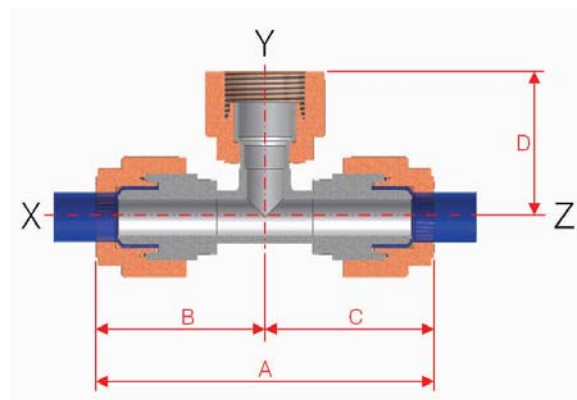
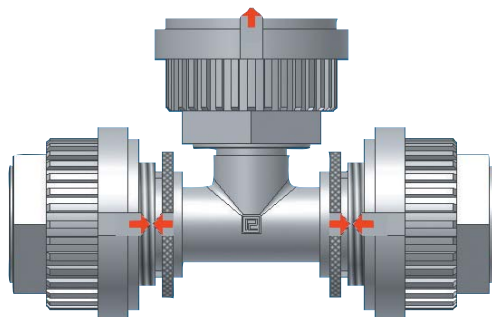


Unit : mm

Part Number	Nominal Size	Dimension Table			
		A	ØB	ØC	F
PLETAS20-12	20AX3/4"	55	26.7	20.5	60
PLETAS20-16	20AX1"	58	26.7	20.5	70
PLETAS25-12	25AX3/4"	63	33.4	26.2	60
PLETAS25-16	25AX1"	63	33.4	26.2	70

○ 상기 치수표에 표시한 치수는 참조치수이며 보증치수가 아닙니다.
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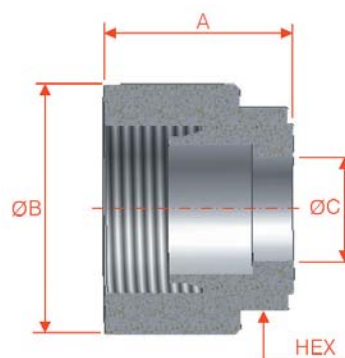
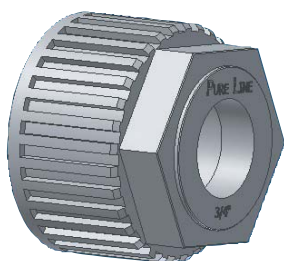
Space Saver Union Tee



Unit : mm

Part Number	Nominal Size X Y Z	Dimension Table			
		A	B	C	D
PLSSUT08-08-08	1/2" X 1/2" X 1/2"	116	58	58	55
PLSSUT12-08-12	3/4" X 1/2" X 3/4"	128	64	64	55
PLSSUT12-12-12	3/4" X 3/4" X 3/4"	128	64	64	60
PLSSUT16-08-16	1" X 1/2" X 1"	150	75	75	60
PLSSUT16-12-16	1" X 3/4" X 1"	150	75	75	69
PLSSUT16-16-16	1" X 1" X 1"	150	75	75	70

Nut

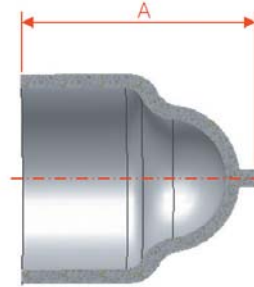
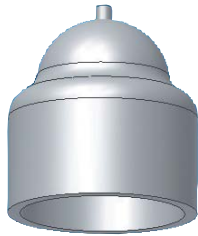


Unit : mm

Part Number	Nominal Size	Dimension Table		
		A	ØB	ØC
PLN04	1/4"	27	29	7
PLN06	3/8"	28	34	10
PLN08	1/2"	34	38	13
PLN12	3/4"	35	46	19.3
PLN16	1"	41	53	26

❶ 상기 치수표에 표시한 치수는 참조치수이며 보증치수가 아닙니다.
Above all dimensions are for reference only.

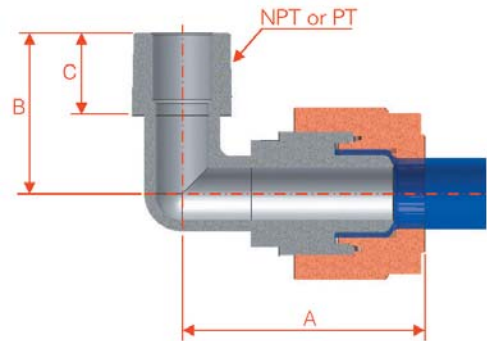
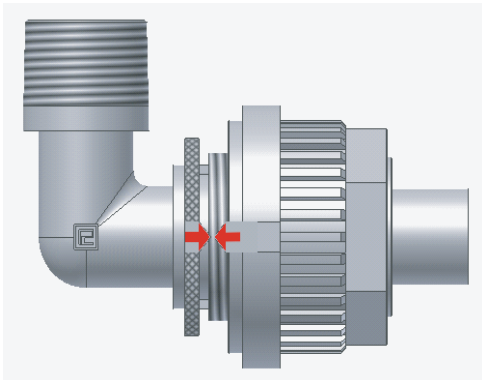
End Cap



Unit : mm

Part Number	Nominal Size	Dimension Table	
		A	
PLEC04	1/4"	20	
PLEC06	3/8"	22	
PLEC08	1/2"	25	
PLEC12	3/4"	28	
PLEC16	1"	31	

Male Elbow Connector



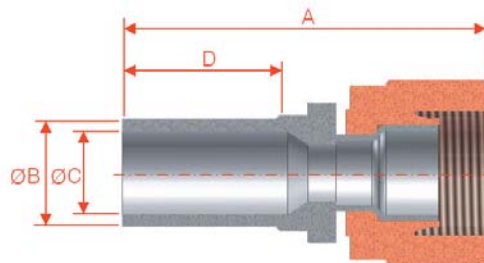
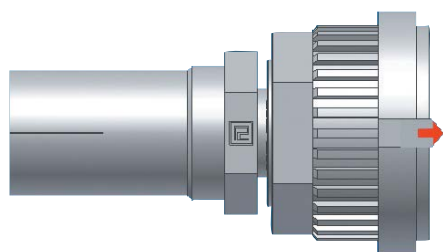
► Pipe Thread Type - NPT or PT

Unit : mm

Part Number	Nominal Size	Dimension Table				
		A	B	C	Male NPT	Male PT
PLMEC04-06N	1/4"X1/4"N	46	31	14	1/4"	-
PLME06-10N	3/8"X3/8"N	50	33	14	3/8"	-
PLMEC08-15N	1/2"X1/2"N	58	39	17	1/2"	-
PLMEC12-20N	3/4"X3/4"N	64	43	17	3/4"	-
PLMEC16-25N	1"X1"N	75	51	21.6	1"	-
PLMEC04-06P	1/4"X1/4"P	46	31	14	-	1/4"
PLME06-10P	3/8"X3/8"P	50	33	14	-	3/8"
PLMEC08-15P	1/2"X1/2"P	58	39	17	-	1/2"
PLMEC12-20P	3/4"X3/4"P	64	43	17	-	3/4"
PLMEC16-25P	1"X1"P	75	51	21.6	-	1"

❶ 상기 치수표에 표시한 치수는 참조치수이며 보증치수가 아닙니다.
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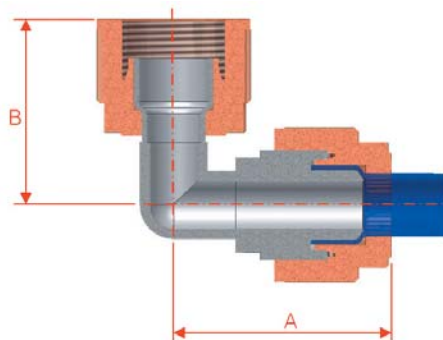
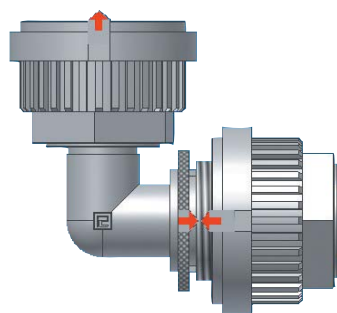
Space Saver Adaptor



Unit : mm

Part Number	Nominal Size	Dimension Table			
		A	ØB	ØC	D
PLSSA15-08	15AX1/2"	91	21.4	15.4	38
PLSSA15-12	15AX3/4"	92	21.4	15.4	38
PLSSA15-16	15AX1"	98	21.4	15.4	38
PLSSA20-08	20AX1/2"	91	26.7	20.5	38
PLSSA20-12	20AX3/4"	92	26.7	20.5	38
PLSSA20-16	20AX1"	98	26.7	20.5	38
PLSSA25-08	25AX1/2"	91	33.4	26.2	38
PLSSA25-12	25AX3/4"	92	33.4	26.2	38
PLSSA25-16	25AX1"	98	33.4	26.2	38
PLSSA25-20	25AX1-1/2"	128	33.4	26.2	38
PLSSA40-20	40AX1-1/2"	128	50.5	43.1	38
PLSSA50-20	50AX1-1/2"	128	60.3	52.1	38

Space Saver Union Elbow

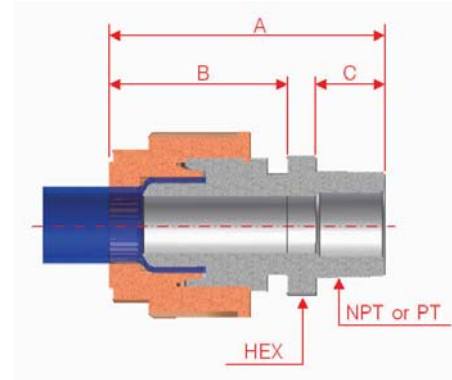
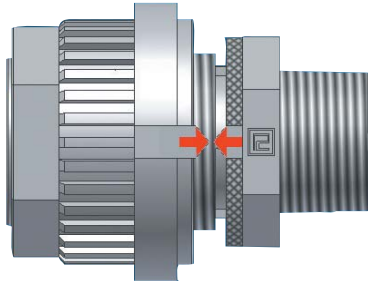


Unit : mm

Part Number	Nominal Size	Dimension Table	
		A	B
PLSSUE08	1/2"	58	55
PLSSUE12	3/4"	64	60
PLSSUE16	1"	75	70

❶ 상기 치수표에 표시한 치수는 참조치수이며 보증치수가 아닙니다.
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Male Connector



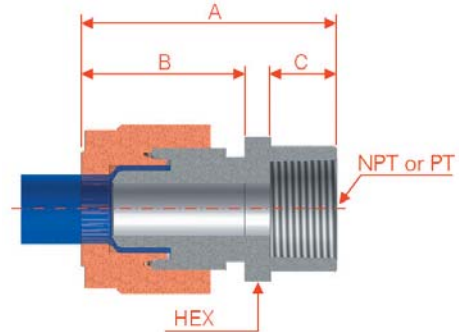
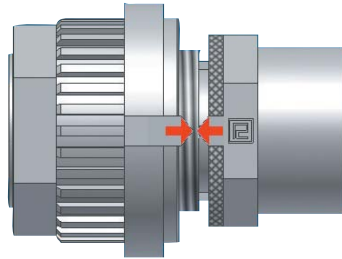
▶ Pipe Thread Type - NPT or PT

Unit : mm

Part Number	Nominal Size	Dimension Table				
		A	B	C	Male NPT	Male PT
PLMC04-06N	1/4"X1/4"N	53	32	14	1/4"	-
PLMC06-06N	3/8"X1/4"N	55	34	14	1/4"	-
PLMC06-10N	3/8"X3/8"N	55	34	14	3/8"	-
PLMC06-15N	3/8"X1/2"N	58	34	17	1/2"	-
PLMC06-20N	3/8"X3/4"N	58	34	17	3/4"	-
PLMC08-06N	1/2"X1/4"N	62	41	14	1/4"	-
PLMC08-10N	1/2"X3/8"N	62	41	14	3/8"	-
PLMC08-15N	1/2"X1/2"N	65	41	17	1/2"	-
PLMC08-20N	1/2"X3/4"N	65	41	17	3/4"	-
PLMC12-15N	3/4"X1/2"N	67	43	17	1/2"	-
PLMC12-20N	3/4"X3/4"N	67	43	17	3/4"	-
PLMC12-25N	3/4"X1"N	72	43	21.6	1"	-
PLMC16-10N	1"X3/8"N	70	49	14	3/8"	-
PLMC16-20N	1"X3/4"N	73	49	17	3/4"	-
PLMC16-25N	1"X1"N	78	49	21.6	1"	-
PLMC04-06P	1/4"X1/4"P	54	32	14	-	1/4"
PLMC06-06P	3/8"X1/4"P	57	34	14	-	1/4"
PLMC06-10P	3/8"X3/8"P	57	34	14	-	3/8"
PLMC06-15P	3/8"X1/2"P	58	34	17	-	1/2"
PLMC06-20P	3/8"X3/4"P	58	34	17	-	3/4"
PLMC08-06P	1/2"X1/4"P	63	41	14	-	1/4"
PLMC08-10P	1/2"X3/8"P	63	41	14	-	3/8"
PLMC08-15P	1/2"X1/2"P	65	41	17	-	1/2"
PLMC08-20P	1/2"X3/4"P	65	41	17	-	3/4"
PLMC12-15P	3/4"X1/2"P	67	43	17	-	1/2"
PLMC12-20P	3/4"X3/4"P	67	43	17	-	3/4"
PLMC12-25P	3/4"X1"P	72	43	21.6	-	1"
PLMC16-10P	1"X3/8"P	57	49	14	-	3/8"
PLMC16-20P	1"X3/4"P	74	49	17	-	3/4"
PLMC16-25P	1"X1"P	79	49	21.6	-	1"

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Female Connector



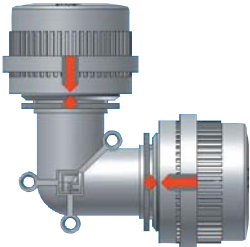
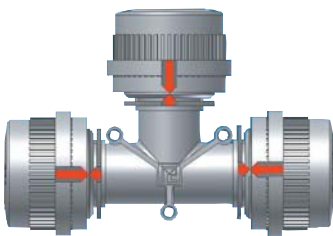
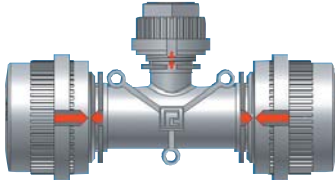
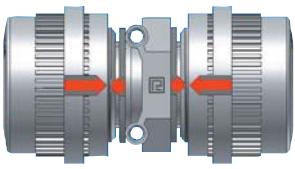
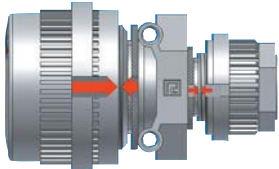
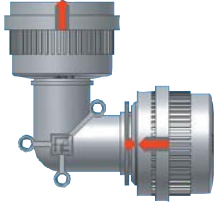
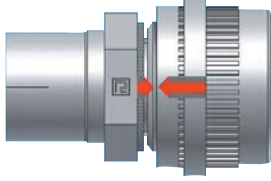
► Pipe Thread Type - NPT or PT

Unit : mm

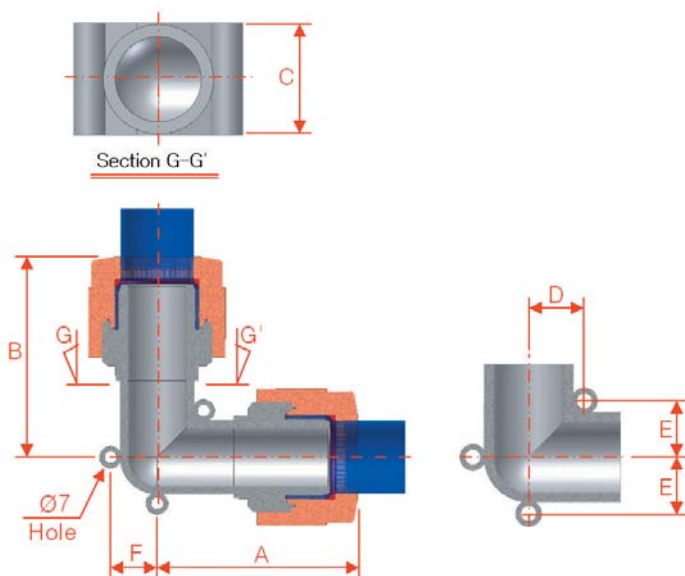
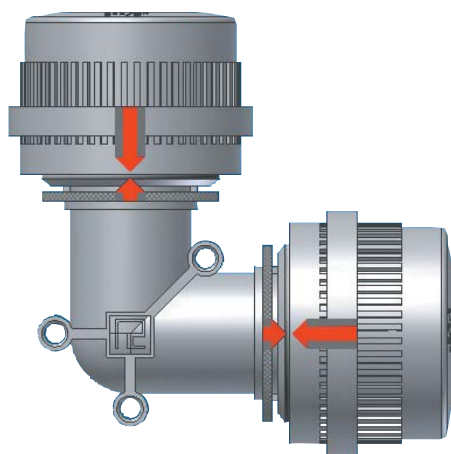
Part Number	Nominal Size	Dimension Table				
		A	B	C	Male NPT	Male PT
PLFC04-06N	1/4"X1/4"N	54	32	15	1/4"	-
PLFC06-10N	3/8"X3/8"N	56	34	15	3/8"	-
PLFC08-15N	1/2"X1/2"N	66	41	18	1/2"	-
PLFC08-20N	1/2"X3/4"N	66	41	18	3/4"	-
PLFC12-15N	3/4"X1/2"N	68	43	18	1/2"	-
PLFC12-20N	3/4"X3/4"N	68	43	18	3/4"	-
PLFC12-25N	3/4"X1"N	73	43	22.6	1"	-
PLFC16-25N	1"X1"N	79	49	22.6	1"	-
PLFC04-06P	1/4"X1/4"P	53	32	13.5	-	1/4"
PLFC06-10P	3/8"X3/8"P	57	34	14	-	3/8"
PLFC08-15P	1/2"X1/2"P	67	41	17	-	1/2"
PLFC08-20P	1/2"X3/4"P	67	41	17	-	3/4"
PLFC12-15P	3/4"X1/2"P	69	43	17	-	1/2"
PLFC12-20P	3/4"X3/4"P	69	43	17	-	3/4"
PLFC12-25P	3/4"X1"P	73	43	21	-	1"
PLFC16-25P	1"X1"P	81	49	21	-	1"

● 상기 치수표에 표시한 치수는 참조치수이며 보증치수가 아닙니다.
Above all dimensions are for reference only.

Union Type - Large Size (1-1/2")

		
Union Elbow	Union Tee	Union Red-Tee
		
Union Straight	Union Reducer	Union Flange Adaptor
		
Nut	End Cap	Space Saver Union Elbow
		
Tube Adaptor		

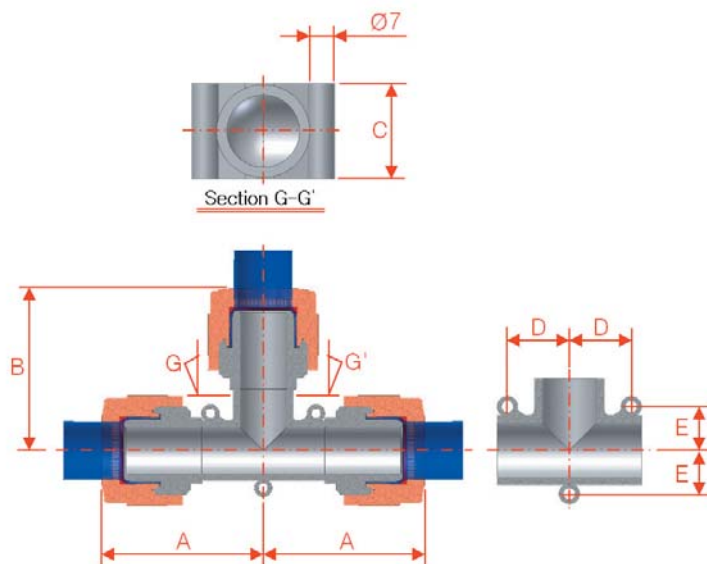
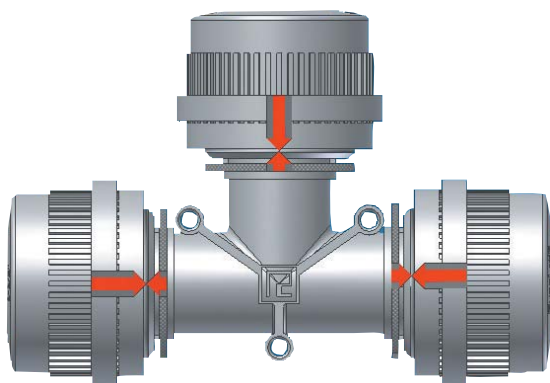
Union Elbow



Unit : mm

Part Number	Nominal Size	Dimension Table					
		A	B	C	D	E	F
PLUE20	1-1/2"	114	114	42.5	25.5	25.5	25.5

Union Tee

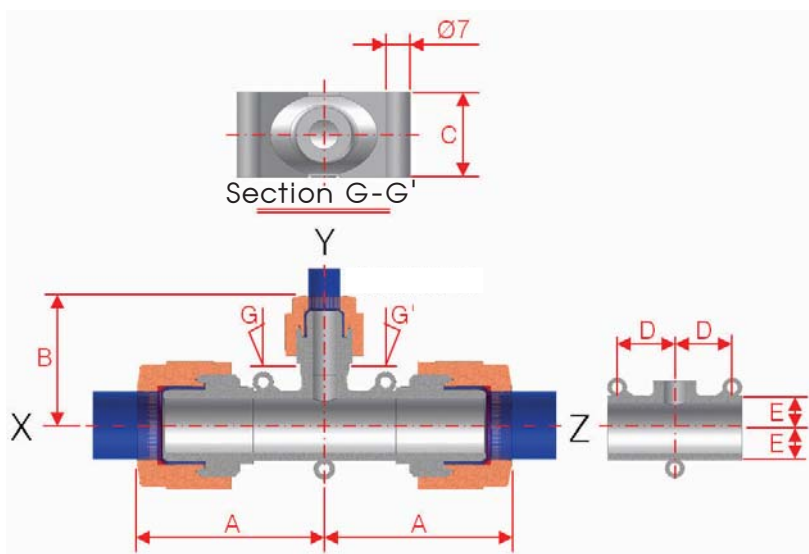
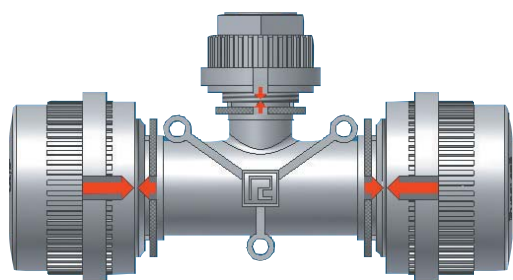


Unit : mm

Part Number	Nominal Size	Dimension Table				
		A	B	C	D	E
PLUT20	1-1/2"	114	114	42.5	36	25.5

● 상기 치수표에 표시한 치수는 참조치수이며 보증치수가 아닙니다.
Above all dimensions are for reference only.

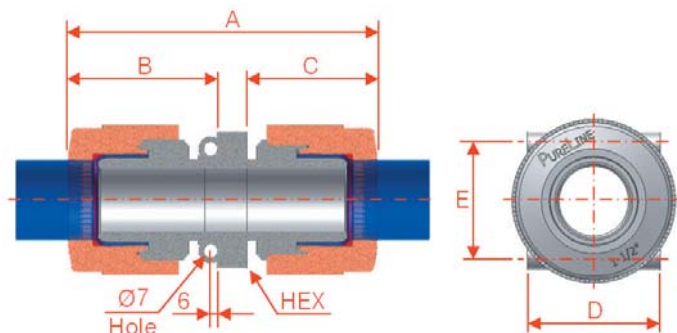
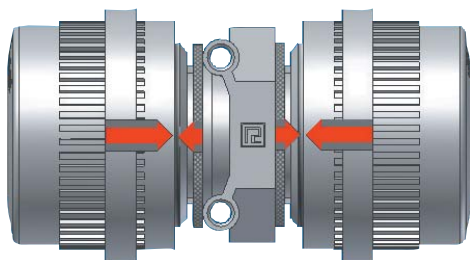
Union Red-Tee



Unit : mm

Part Number	Nominal Size X Y Z	Dimension Table				
		A	B	C	D	E
PLURT20-04-20	1-1/2"X1/4"X1-1/2"	114	63	42.5	36	25.5
PLURT20-08-20	1-1/2"X1/2"X1-1/2"	114	73	42.5	36	25.5
PLURT20-12-20	1-1/2"X3/4"X1-1/2"	114	74	42.5	36	25.5
PLURT20-16-20	1-1/2"X1"X1-1/2"	114	80	42.5	36	25.5

Union Straight

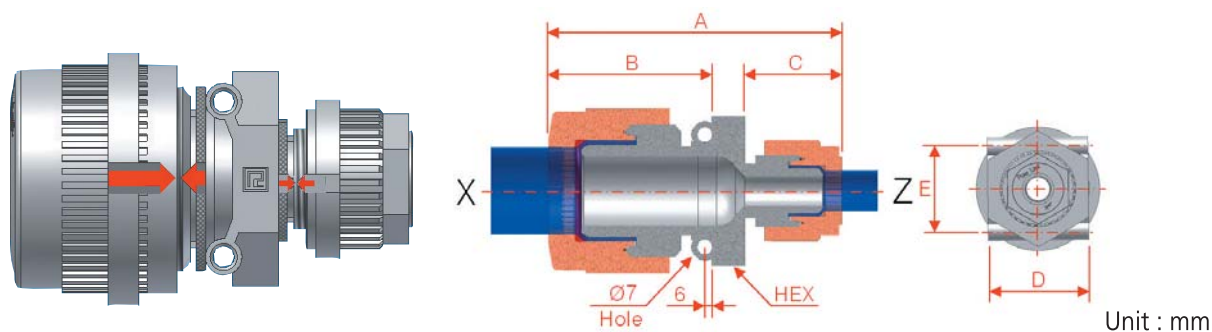


Unit : mm

Part Number	Nominal Size	Dimension Table				
		A	B	C	D	E
PLUS20	1-1/2"	168	84.5	68.5	62	50

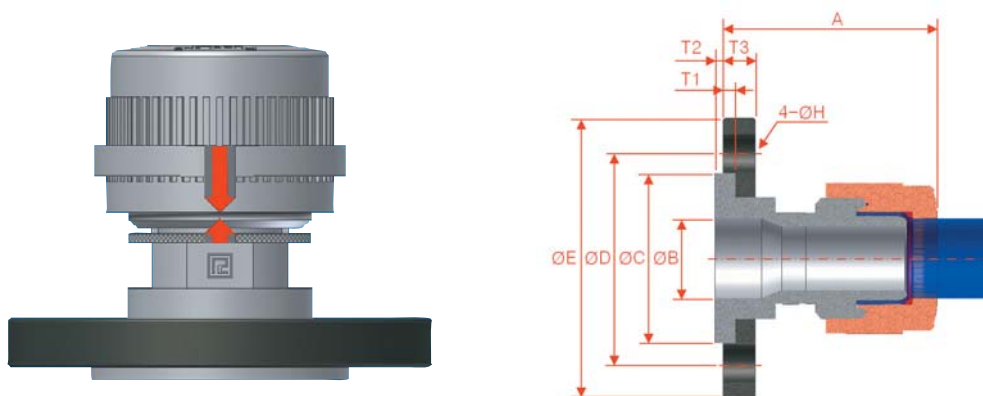
○ 상기 치수표에 표시한 치수는 참조치수이며 보증치수가 아닙니다.
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Union Reducer



Part Number	Nominal Size X Z	Dimension Table				
		A	B	C	D	E
PLUR20-04	1-1/2" X 1/4"	132	84.5	32	62	50
PLUR20-08	1-1/2" X 1/2"	141	84.5	41	62	50
PLUR20-12	1-1/2" X 3/4"	143	84.5	43	62	50
PLUR20-16	1-1/2" X 1"	149	84.5	49	62	50

Union Flange Adaptor



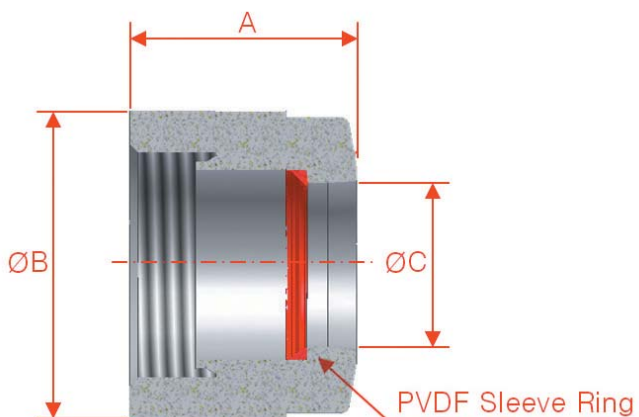
- ▶ Flange은 옵션사양이므로 주문시 사양은 명기하여 주시기 바랍니다. (Ordering System 참조)
- ▶ 기본사양은 Flange 없이 공급합니다.

Unit : mm

Part Number	Nominal Size	Dimension Table								
		A	ØB	ØC	ØD	ØE	ØH	T1	T2	T3
PLUFA40J0-04	40AX1/4"	77	60	80	105	140	19	9	3	16
PLUFA40J0-08	40AX1/2"	86	60	80	105	140	19	9	3	16
PLUFA40J0-12	40AX3/4"	88	60	80	105	140	19	9	3	16
PLUFA40J0-16	40AX1"	93	60	80	105	140	19	9	3	16
PLUFA40J0-20	40AX1-1/2"	112	60	80	105	140	19	9	3	16
PLUFA40A0-04	1-1/2"X1/4"	77	60	77	98.4	127	16	9	3	16
PLUFA40A0-08	1-1/2"X1/2"	86	60	77	98.4	127	16	9	3	16
PLUFA40A0-12	1-1/2"X3/4"	88	60	77	98.4	127	16	9	3	16
PLUFA40A0-16	1-1/2"X1"	93	60	77	98.4	127	16	9	3	16
PLUFA40A0-20	1-1/2"X 1-1/2"	112	60	77	98.4	127	16	9	3	16

- 상기 치수표에 표시한 치수는 참조치수이며 보증치수가 아닙니다.
Above all dimensions are for reference only.

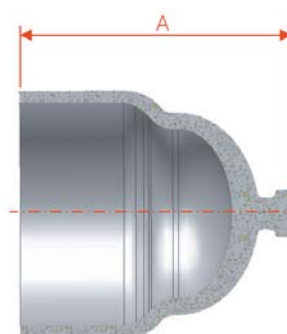
Nut



Unit : mm

Part Number	Nominal Size	Dimension Table		
		A	ØB	ØC
PLN20	1-1/2"	60	76	40

End Cap

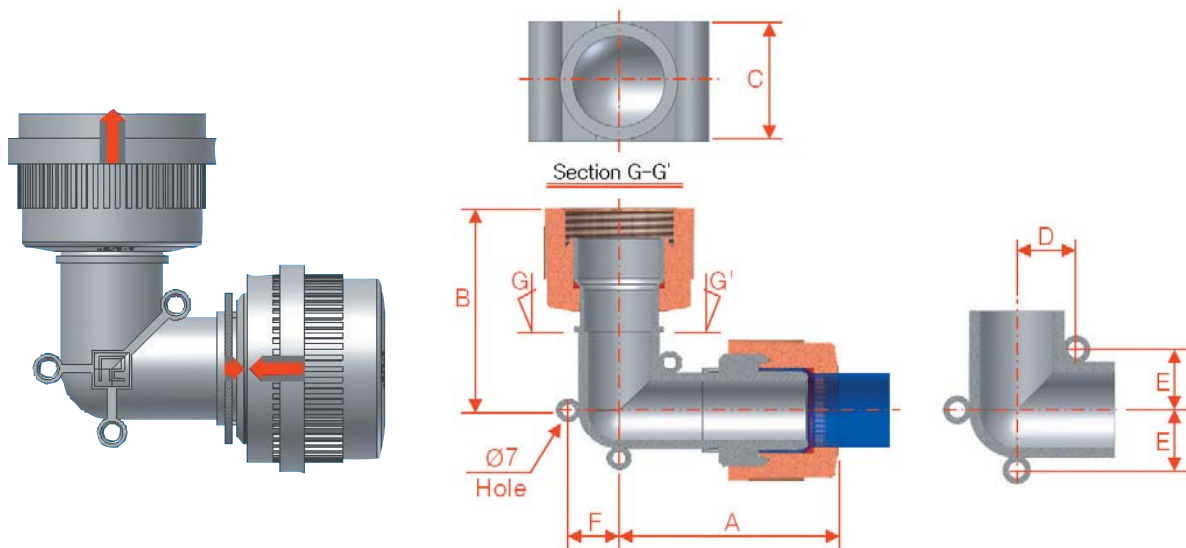


Unit : mm

Part Number	Nominal Size	Dimension Table	
		A	
PLEC20	1-1/2"	50	

○ 상기 치수표에 표시한 치수는 참조치수이며 보증치수가 아닙니다.
Above all dimensions are for reference only.

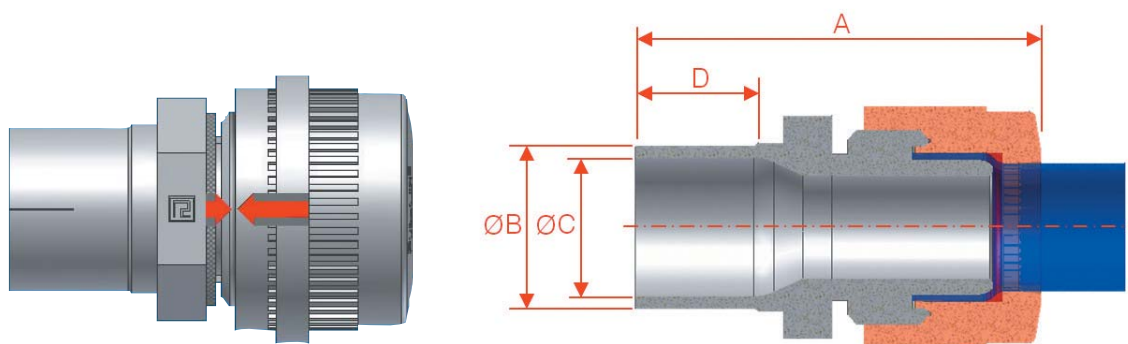
Space Saver Union Elbow



Unit : mm

Part Number	Nominal Size	Dimension Table					
		A	B	C	D	E	F
PLSSUE20	1-1/2"	114	110	42.5	25.5	25.5	25.5

Tube Adaptor



Unit : mm

Part Number	Nominal Size	Dimension Table			
		A	ØB	ØC	D
PLTA25-20	25AX1-1/2"	128	33.4	26.2	38
PLTA40-20	40AX1-1/2"	129	50.5	43.1	38
PLTA50-20	50AX1-1/2"	129	60.3	52.1	38

● 상기 치수표에 표시한 치수는 참조치수이며 보증치수가 아닙니다.
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