

Firefighting Equipment Pipe Fitting Sales Firefighting Equipment Pipe Manufacture

Pipe Joints For Suppression System



COLD
FORGED
OUTLETS
FITTINGS





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Prioritizing Life & Safety of Our People as the Highest Value

PLS Co., Ltd. has taken a powerful step in order to develop into a specialized company that produces firefighting equipment pipes necessary for construction and firefighting industries based on honesty and trust.

Putting the safety of the people the first, we are developing into the Korea's largest firefighting pipe manufacturer and continue to make efforts to enhance the quality of customers' lives by realizing product development through continuous R&D and quality first.

In the future, all of our executives and employees will be leaders of the firefighting industry and at the same time, the company will give trust and confidence to customers with passion and full spirit to become leaders of the globalization.

Thank you.

Brief History

Oct. 2020	• Establishment of PLS Co., Ltd.
Feb. 2021	• Approval of KFI accreditation PT Branch Pipe / Approval of KFI accreditation BW Branch Pipe • Approval of KFI accreditation Groove Branch Pipe / Approval of KFI accreditation SPPT(Top-down) Branch Pipe • Approval of KFI accreditation SPPF(Top-down) Branch Pipe
Mar. 2021	• Approval of KFI accreditation Head Fitting 15A (Comprehensive Reducer Nipple Weld Type) • Approval of KFI accreditation Head Fitting 15A (Comprehensive Reducer Nipple Screw Type) • Approval of KFI accreditation Head Fitting 15A (Upward Branch Pipe) • Approval of KFI accreditation Head Fitting 20A (Comprehensive Reducer Nipple Weld Type) • Approval of KFI accreditation Head Fitting 20A (Comprehensive Reducer Nipple Screw Type) • Approval of KFI accreditation Head Fitting 20A (Upward Branch Pipe) • Approval of KFI accreditation SW Branch Pipe • Patent Registration (No. 10-1854531 : Branching Unit) • Patent Registration (No. 10-2232490 : Pipe Unit) • Patent Registration (No. 10-2178457 : Connecting Unit)
Nov. 2021	• Patent Registration (No. 10-2328611 : Pipe Unit)
Aug. 2022	• Approval of KFI accreditation SPPF tee branching fitting / • Approval of KFI accreditation SPPT tee branching fitting • Approval of KFI accreditation P.T tee branching fitting / Approval of KFI accreditation tee branching fitting • Approval of KFI accreditation Groove tee branching fitting / Approval of KFI accreditation B.W tee branching fitting • KFI Approval of Head Fitting 15A (NPT Upward Branch Pipe) • KFI Approval of Head Fitting 20A (NPT Upward Branch Pipe)
Nov. 2022	• Pipe equipment – Approval of LH New Technology (Product) Certificate • Pipe equipment – Certified technology registration in SOC technology market

Company Overview

- **Company Name** : PLS Co., Ltd.
- **CEO** : Wi Bong-gil
- **Manufactured Products** : Firefighting Equipment Pipe Fitting,
Firefighting Equipment Pipe Manufacture
- **No. of Employees** : 29
- **Location** : 39, Saneopdanji-ro 43beon-gil, Sabong-myeon,
Jinju-si, Gyeongsangnam-do, S. Korea
- **TEL** : +82-55-752-8884
- **FAX** : +82-303-3130-7713
- **E-MAIL** : pls1943@naver.com



• Design Registration Certificate



• KFI Accreditation

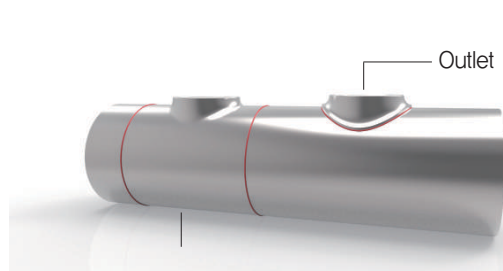
PLS Co., Ltd. is the Korea's sole patented company of **firefighting equipment piping fittings** and produces **KFI accredited products only** and supplies products that **pass production product tests**.

accredited EASY branches through production product tests and issues acceptance notices is PLS Co., Ltd.





Product Introduction



Features

- Welded outlet replacing the existing TEE
- KFI accredited product → Manufactured product to pass the test → KFI engraving → Pass document to be issued → Firefighting completion test
- Reduction of manufacturing cost for the all-in-one product with less number of joints
- Securing safety from leakage with the reduction of welding volume
- Possible to manufacture on site and easy to respond to repair and design change
- Convenient installation allows operation efficiency to increase and installation time to decrease

Material

- Carbon Steel (S20C, S25C, SS400), KS D (3507, 3562, 3576), PS370, S/40, S/80, Stainless Steel (SUS304, SUS316), Copper, Forgeable material

Surface Treatment

- Electro galvanizing treatment

Application Pipe Type

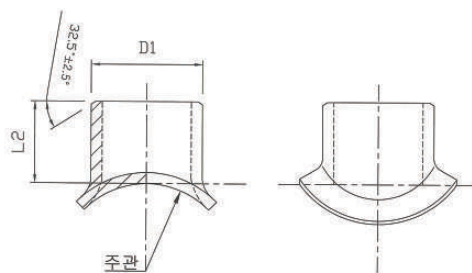
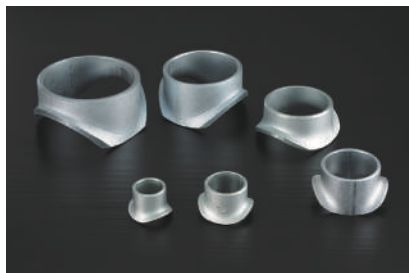
- KS D 3507 (Steel pipe for piping), KS D 3537 (Galvanized steel pipe for water supply)
- KS D 3562 (Carbon steel pipe for pressure piping), KS D 3564 (Carbon steel pipe for high-pressure piping)
- KS D 3570 (Carbon steel pipe for high-temperature piping), KS D 3573 (Ally steel pipe for piping)
- KS D 3576 (Stainless steel pipe for piping)
- ASTM A-53 GR. A or B / ASTM A106-B
- ASTM A312-TP304

Application pressure

Pipe Type	Screw type/welded type pressure 300psi or less
KSD 3507 / KSD 3562 / ASTM A-53 A or B / ASTM A106-B	SPP, S/40, S/80
KSD 3576 / ASTM A312-TP304	S/10S, S/20S, S/40S, S/80S

EASY Branch Pipe B.W (Butt Weld Outlet)

Firefighting Equipment Pipe Fitting KFIS 020



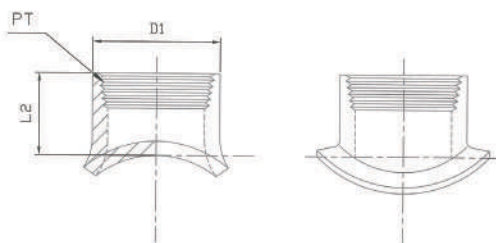
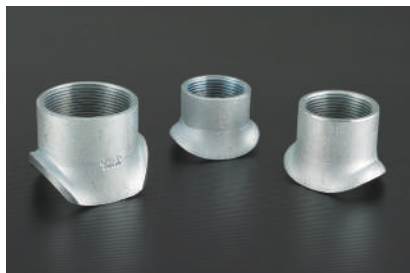
- Drilling Standard
– Hole must be processed larger than pipe gauge

Dimensions								
Branch Pipe		Main Pipe		Total Length		Outside Diameter	Material	Application Pipe Type
Nominal Outlet		Nominal Header		Length (L2)				
Term	inch	Term	inch	mm/inch		(D1)	METAL	
				KFI		mm/inch		
25	1"	25	1"	25	0.98	34/1.34"	CARBON STEEL PIPE SPP S/40 S/80 STAINLESS STEEL PIPE S/10 S/20 S/40	SPP KSD3507 SPPS KSD3562 (JIS G 3454) STS KSD3576
		32	1-1/4"					
		40	1-1/2"					
		50	2"					
		65	2-1/2"					
		80	3"					
		100	4"					
		125	5"					
		150	6"					
200	8"							
32	1-1/4"	32	1-1/4"	25	0.98"	42.7/1.68"		
		40	1-1/2"					
		50	2"					
		65	2-1/2"					
		80	3"					
		100	4"					
		125	5"					
		150	6"					
200	8"							
40	1-1/2"	40	1-1/2"	25	0.98"	48.6/1.91"		
		50	2"					
		65	2-1/2"					
		80	3"					
		100	4"					
		125	5"					
		150	6"					
		200	8"					
50	2"	50	2"	25	0.98"	60.5/2.38"		
		65	2-1/2"					
		80	3"					
		100	4"					
		125	5"					
		150	6"					
		200	8"					
65	2-1/2"	65	2-1/2"	25	0.98"	76.3/3.5"		
		80	3"					
		100	4"					
		125	5"					
		150	6"					
		200	8"					
80	3"	80	3"	25	0.98"	89.1/3.5"		
		100	4"					
		125	5"					
		150	6"					
		200	8"					
100	4"	100	4"	25	0.98"	114.3/4.5"		
		125	5"					
		150	6"					
		200	8"					

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 ※The above standard is subject to change for technical and quality enhancement.

EASY Branch Pipe P.T (FeMale screwed Outlet)

Firefighting Equipment Pipe Fitting KFIS 020



- Drilling Standard
– Hole must be processed larger than pipe gauge

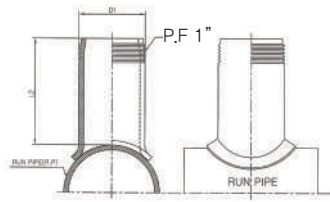
Dimensions											
Branch Pipe		Main Pipe		Total Length		Outside Diameter	Material	Application Pipe Type			
Nominal Outlet		Nominal Header		Length (L2)			METAL				
Term	inch	Term	inch	mm/inch		(D1)					
				KFI (PT)		mm/inch					
15	1/2"	25	1"	—	—	27/1.06"	CARBON STEEL PIPE S/40 S/80 STAINLESS STEEL PIPE S/20 S/40 S/80	SPP KSD3507 SPPS KSD3562 (JIS G 3454) STS KSD3576			
		32	1-1/4"								
		40	1-1/2"								
		50	2"								
		65	2-1/2"								
		80	3"								
		100	4"								
		125	5"								
		150	6"								
20	3/4"	200	8"	—	—	32.5/1.28"					
		25	1"								
		32	1-1/4"								
		40	1-1/2"								
		50	2"								
		65	2-1/2"								
		80	3"								
		100	4"								
		125	5"								
25	1"	150	6"	27.5	1.08"	39.5/1.56"					
		200	8"								
		25	1"								
		32	1-1/4"								
		40	1-1/2"								
		50	2"								
		65	2-1/2"								
		80	3"								
		100	4"								
32	1-1/4"	125	5"	35	1.38"	48.3/1.90"					
		150	6"								
		200	8"								
		32	1-1/4"								
		40	1-1/2"								
		50	2"								
		65	2-1/2"								
		80	3"								
		100	4"								
40	1-1/2"	125	5"	40	1.57"	54/2.13"					
		150	6"								
		200	8"								
		40	1-1/2"								
		50	2"								
		65	2-1/2"								
		80	3"								
		100	4"								
		50	2"				125	5"	45	1.77"	67/2.64"
150	6"										
200	8"										
50	2"										
65	2-1/2"										
80	3"										
100	4"										
65	2-1/2"			125	5"	45	1.77"	80/3.23"			
				150	6"						
		200	8"								
		65	2-1/2"								
		80	3"								
		100	4"								

※Products other than the above standards will be custom-made as non-certified products.
※The above standard is subject to change for technical and quality enhancement.

• Product Introduction •

EASY Branch Pipe SPPF (Pendent Type Outlet)

Firefighting Equipment Pipe Fitting KFIS 020



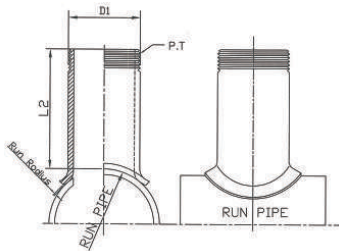
- Drilling Standard
- Hole must be processed larger than pipe gauge

Dimensions								
Branch Pipe		Main Pipe		Total Length		Outside Diameter	Material	Application Pipe Type
Nominal Outlet		Nominal Header		Length (L2)			METAL	
Term	inch	Term	inch	mm/inch		(D1)		
				KFI		mm/inch		
25	1"	25	1"	50 / 1.97"	200 / 7.87"	34/1.34"	CARBON STEEL PIPE S/40	SPPS KSD3562 (JIS G 3454)
		32	1-1/4"					
		40	1-1/2"					
		50	2"					
		65	2-1/2"					
		80	3"					
		100	4"					
		125	5"					
		150	6"					
		200	8"					

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EASY Branch Pipe SPPT (Male screwed Outlet)

Firefighting Equipment Pipe Fitting KFIS 020



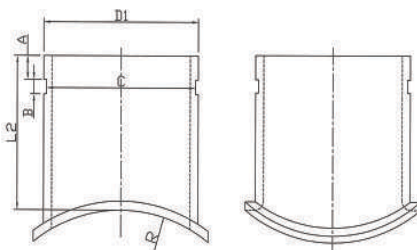
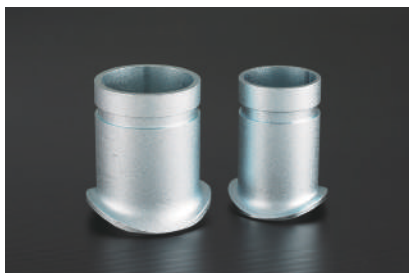
- Drilling Standard
- Hole must be processed larger than pipe gauge

Dimensions											
Branch Pipe		Main Pipe		Total Length		Outside Diameter	Material	Application Pipe Type			
Nominal Outlet		Nominal Header		Length (L2)							
Term	inch	Term	inch	mm/inch		(D1)	METAL				
				KFI (PT)		mm/inch					
15	1/2"	25	1"	—	—	21.7/0.85"	CARBON STEEL PIPE	SPP S/40 S/80 SPP KSD3507 SPPS KSD3562 (JIS G 3454) STS KSD3576			
		32	1-1/4"								
		40	1-1/2"								
		50	2"								
		65	2-1/2"								
		80	3"								
		100	4"								
		125	5"								
		150	6"								
200	8"										
20	3/4"	25	1"	—	—	27.2/1.07"					
		32	1-1/4"								
		40	1-1/2"								
		50	2"								
		65	2-1/2"								
		80	3"								
		100	4"								
		125	5"								
		150	6"								
200	8"										
25	1"	25	1"	60	2.36"	34/1.34"					
		32	1-1/4"								
		40	1-1/2"								
		50	2"								
		65	2-1/2"								
		80	3"								
		100	4"								
		125	5"								
		150	6"								
200	8"										
32	1-1/4"	32	1-1/4"	60	2.36"	42.7/1.68"	STAINLESS STEEL PIPE				
		40	1-1/2"								
		50	2"								
		65	2-1/2"								
		80	3"								
		100	4"								
		125	5"								
		150	6"								
		200	8"								
40	1-1/2"	40	1-1/2"	60	2.36"	48.6/1.91"					
		50	2"								
		65	2-1/2"								
		80	3"								
		100	4"								
		125	5"								
		150	6"								
		200	8"								
		50	2"				50	2"	60	2.36"	60.5/2.38"
65	2-1/2"										
80	3"										
100	4"										
125	5"										
150	6"										
200	8"										
65	2-1/2"			65	2-1/2"	60	2.36"	76.3/3"			
				80	3"						
		100	4"								
		125	5"								
		150	6"								
		200	8"								

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EASY Branch Pipe Groove (Grooved Outlet)

Firefighting Equipment Pipe Fitting KFIS 020



- Drilling Standard
- Hole must be processed larger than pipe gauge

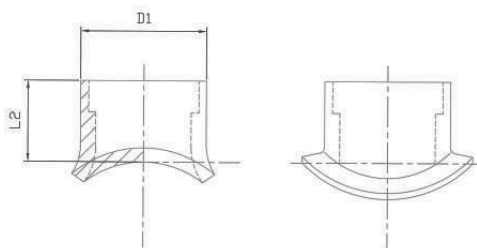
Dimensions											
Branch Pipe		Main Pipe		Total Length		Outside Diameter		Groove Width	Gasket Seat	Material	Application Pipe type
Nominal Outlet		Nominal Header		Length (L2)						METAL	
Term	inch	Term	inch	mm/inch	(D1)	(C)	(B)	(A)	METAL		
				KFI	mm/inch	mm/inch	mm/inch	mm/inch			
25	1"	25	1"	50, 75, 100, 125, 150	1.97" ~ 5.91"	34/1.34"	30.3/1.19"	8.7/0.34"	16/0.63"	CARBON STEEL PIPE	
		32	1-1/4"								
		40	1-1/2"								
		50	2"								
		65	2-1/2"								
		80	3"								
		100	4"								
		125	5"								
		150	6"								
200	8"										
32	1-1/4"	32	1-1/4"	50, 75, 100, 125, 150	1.97" ~ 5.91"	42.7/1.68"	38.9/1.53"	8.7/0.34"	16/0.63"		
		40	1-1/2"								
		50	2"								
		65	2-1/2"								
		80	3"								
		100	4"								
		125	5"								
		150	6"								
200	8"										
40	1-1/2"	40	1-1/2"	50, 75, 100, 125, 150	1.97" ~ 5.91"	48.6/1.91"	44.8/1.91"	8.7/1.76"	16/0.63"		
		50	2"								
		65	2-1/2"								
		80	3"								
		100	4"								
		125	5"								
		150	6"								
		200	8"								
50	2"	50	2"	50, 75, 100, 125, 150	1.97" ~ 5.91"	60.5/2.38"	57.2/2.25"	8.7/0.34"	16/0.63"		
		65	2-1/2"								
		80	3"								
		100	4"								
		125	5"								
		150	6"								
		200	8"								
65	2-1/2"	65	2-1/2"	50, 75, 100, 125, 150	1.97" ~ 5.91"	76.3/3.5"	72.3/2.85"	8.7/0.34"	16/0.63"		
		80	3"								
		100	4"								
		125	5"								
		150	6"								
		200	8"								
80	3"	80	3"	75, 100	2.95", 3.94"	89.1/3.5"	85/3.35"	8.7/0.34"	16/0.63"		
		100	4"								
		125	5"								
		150	6"								
		200	8"								
100	4"	100	4"	-	-	114.3/4.5"	110/4.33"	114.3/4.5"	16/0.63"		
		125	5"								
		150	6"								
		200	8"								

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※The above standard is subject to change for technical and quality enhancement.

EASY Branch Pipe S.W (Socket Welded Outlet)

Firefighting Equipment Pipe Fitting KFIS 020



- Drilling Standard
– Hole must be processed larger than pipe gauge

Dimensions								
Branch Pipe		Main Pipe		Total Length		Outside Diameter	Material	Application Pipe Type
Nominal Outlet		Nominal Header		Length (L2)			METAL	
Term	inch	Term	inch	mm/inch		(D1)		
				KFI		mm/inch		
25	1"	25	1"	27.5	1.08"	39.5/1.56"	CARBON STEEL PIPE S/80 STAINLESS STEEL PIPE S/80	SPP KSD3507 SPPS KSD3507 (JIS G 3454) STS KSD3576
		32	1-1/4"					
		40	1-1/2"					
		50	2"					
		65	2-1/2"					
		80	3"					
		100	4"					
		125	5"					
		150	6"					
32	1-1/4"	200	8"	35	1.38"	48.3/1.90"		
		32	1-1/4"					
		40	1-1/2"					
		50	2"					
		65	2-1/2"					
		80	3"					
		100	4"					
		125	5"					
		150	6"					
40	1-1/2"	200	8"	40	1.57"	54/2.13"		
		40	1-1/2"					
		50	2"					
		65	2-1/2"					
		80	3"					
		100	4"					
		125	5"					
		150	6"					
50	2"	200	8"	45	1.77"	67/2.64"		
		50	2"					
		65	2-1/2"					
		80	3"					
		100	4"					
		125	5"					
65	2-1/2"	150	6"	45	1.77"	80/3.23"		
		200	8"					
		65	2-1/2"					
		80	3"					
		100	4"					
		125	5"					

※Products other than the above standards will be custom-made as non-certified products.

※The above standard is subject to change for technical and quality enhancement.

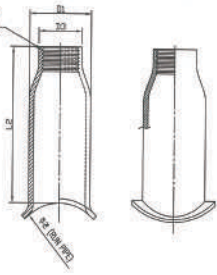
• Product Introduction •

EASY Branch Pipe Upward Type (Upright Type Outlet) – Head Fitting (15A)

Firefighting Equipment Pipe Fitting KFIS 020



PT 1/2"(15A)
NPT 1/2"(15A)



- Drilling Standard
- Hole must be processed larger than pipe gauge

Dimensions											
Branch Pipe		Main Pipe		Total Length		Outside Diameter		Material	Application Pipe type		
Nominal Outlet		Nominal Header		Length (L2)				METAL			
Term	inch	Term	inch	mm/inch		(D1)	(D3)				
				KFI (PT)		mm/inch	mm/inch				
15	1/2"	25	1"	50~600	2"~24"	34/1.34"	25/0.984"	CARBON STEEL PIPE	SPP	SPP KSD3507	
		32	1-1/4"	50/1.97"	200/7.87"						
		40	1-1/2"								
		50	2"								
		65	2-1/2"								
		80	3"								
		100	4"	-	-			STAINLESS STEEL PIPE	SPPS	SPPS KSD3562 (JIS G 3454)	
		125	5"								
		150	6"								
		200	8"					-	-	S/10	STS KSD3576
		250	10"							S/20	
		300	12"								

※Products other than the above standards will be custom-made as non-certified products.

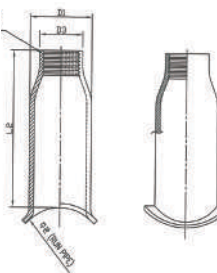
※The above standard is subject to change for technical and quality enhancement.

EASY Branch Pipe Upward Type (Upright Type Outlet) – Head Fitting (20A)

Firefighting Equipment Pipe Fitting KFIS 020



PT 3/4"(20A)
NPT 3/4"(20A)



- Drilling Standard
- Hole must be processed larger than pipe gauge

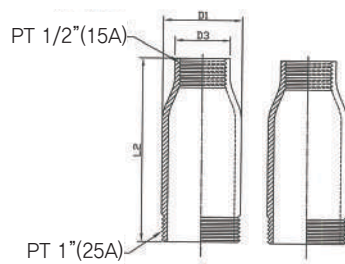
Dimensions										
Branch Pipe		Main Pipe		Total Length		Outside Diameter		Material	Application Pipe type	
Nominal Outlet		Nominal Header		Length (L2)				METAL		
Term	inch	Term	inch	mm/inch		(D1)	(D3)			
				KFI (PT)		mm/inch	mm/inch			
20	3/4"	25	1"	50~600	2"~24"	34/1.34"	30/1.18"	CARBON STEEL PIPE	SPP KSD3507	
		32	1-1/4"	50/1.97"	200/7.87"			SPP		
		40	1-1/2"					SPPS		SPPS KSD3562 (JIS G 3454)
		50	2"					STAINLESS STEEL PIPE	STS KSD3576	
		65	2-1/2"					S/10		
		80	3"					S/20		
		100	4"							
		125	5"							
		150	6"							
		200	8"							

※Products other than the above standards will be custom-made as non-certified products.

※The above standard is subject to change for technical and quality enhancement.

EASY Comprehensive Reducer Nipple (Thread End) – Head Fitting (15A)

Firefighting Equipment Pipe Fitting KFIS 020



- Drilling Standard
- Hole must be processed larger than pipe gauge

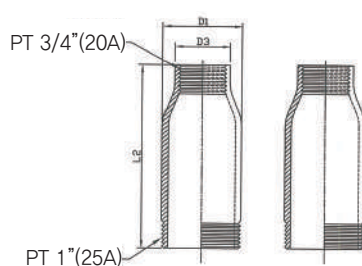
Dimensions										
Branch Pipe		Main Pipe		Total Length				Outside Diameter		Material
Nominal Outlet		Nominal Header		Length (L2)						METAL
Term	inch	Term	inch	mm/inch	mm/inch	mm/inch	mm/inch	(D1)	(D3)	
				KFI (PT)	UL (PT,NPT)			mm/inch	mm/inch	
15	1/2"	25	1"	50~600	2"~24"	50~965	2"~38"	34/1.34"	25/0.984"	CARBON STEEL PIPE SPP SPPS STAINLESS STEEL PIPE S/10 S/20
										SPP KSD3507 SPPS KSD3562 (JIS G 3454) STS KSD3576

※Products other than the above standards will be custom-made as non-certified products.

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EASY Comprehensive Reducer Nipple (Thread End) – Head Fitting (20A)

Firefighting Equipment Pipe Fitting KFIS 020



- Drilling Standard
- Hole must be processed larger than pipe gauge

Dimensions										
Branch Pipe		Main Pipe		Total Length				Outside Diameter		Material
Nominal Outlet		Nominal Header		Length (L2)						METAL
Term	inch	Term	inch	mm/inch	mm/inch	mm/inch	mm/inch	(D1)	(D3)	
				KFI (PT)	UL (PT,NPT)			mm/inch	mm/inch	
20+A2A27:L32	3/4"	25	1"	50~600	2"~24"	50~965	2"~38"	34/1.34"	30/1.18"	CARBON STEEL PIPE SPP SPPS STAINLESS STEEL PIPE S/10 S/20
										SPP KSD3507 SPPS KSD3562 (JIS G 3454) STS KSD3576

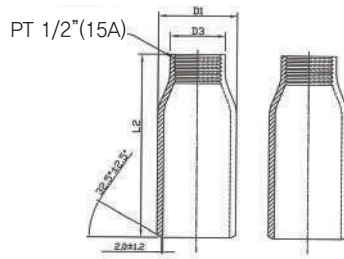
※Products other than the above standards will be custom-made as non-certified products.

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Product Introduction

EASY Comprehensive Reducer Nipple (Bevel End) – Head Fitting (15A)

Firefighting Equipment Pipe Fitting KFIS 020



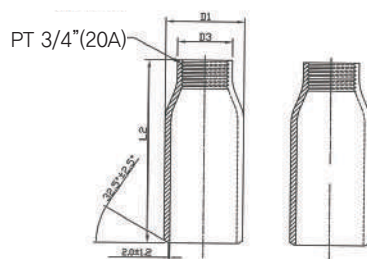
- Drilling Standard
 - Hole must be processed larger than pipe gauge

Dimensions											
Branch Pipe		Main Pipe		Total Length				Outside Diameter		Material	Application Pipe type
Nominal Outlet		Nominal Header		Length (L2)						METAL	
Term	inch	Term	inch	mm/inch		mm/inch		(D1)	(D3)		
				KFI (PT)		UL (PT,NPT)		mm/inch	mm/inch		
15	1/2"	25	1"	50~600	2"~24"	50~965	2"~38"	34/1.34"	25/0.984"	CARBON STEEL PIPE SPP SPPS STAINLESS STEEL PIPE S/10 S/20	SPP KSD3507 SPPS KSD3562 (JIS G 3454) STS KSD3576

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EASY Comprehensive Reducer Nipple (Bevel End) – Head Fitting (20A)

Firefighting Equipment Pipe Fitting KFIS 020



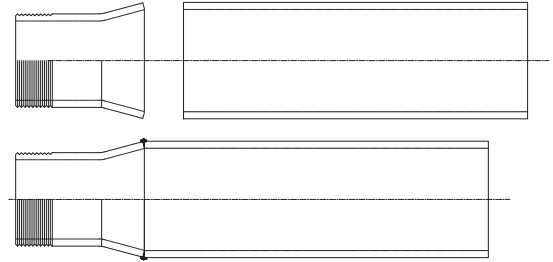
- Drilling Standard
 - Hole must be processed larger than pipe gauge

Dimensions											
Branch Pipe		Main Pipe		Total Length				Outside Diameter		Material	Application Pipe type
Nominal Outlet		Nominal Header		Length (L2)						METAL	
Term	inch	Term	inch	mm/inch		mm/inch		(D1)	(D3)		
				KFI (PT)		UL (PT,NPT)		mm/inch	mm/inch		
20	3/4"	25	1"	50~600	2"~24"	50~965	2"~38"	34/1.34"	30/1.18"	CARBON STEEL PIPE SPP SPPS STAINLESS STEEL PIPE S/10 S/20	SPP KSD3507 SPPS KSD3562 (JIS G 3454) STS KSD3576

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Patent Product Reducer



Type	Term	Product Image	Features
Male screw	65*50		In case of screw piping, process is shortened in the part where the pipe diameter changes.
	65*40		
	50*40		
	50*32		
	40*32		
	40*25		
	32*25		
Female screw	65*50		Manufacturing process is shortened.
	65*40		
	50*40		
	50*32		
	40*32		
	40*25		
	32*25		
Groove	65*50		Manufacturing process is shortened.
	65*40		
	50*40		
	50*32		
	40*32		
	40*25		
	32*25		
Welding	65*50		Reduction process is shortened.
	65*40		
	50*40		
	50*32		
	40*32		
	40*25		
	32*25		



Joint-Development & Technology Advisory with Kyungnam University
College of Engineering, Dept. of Construction Engineering

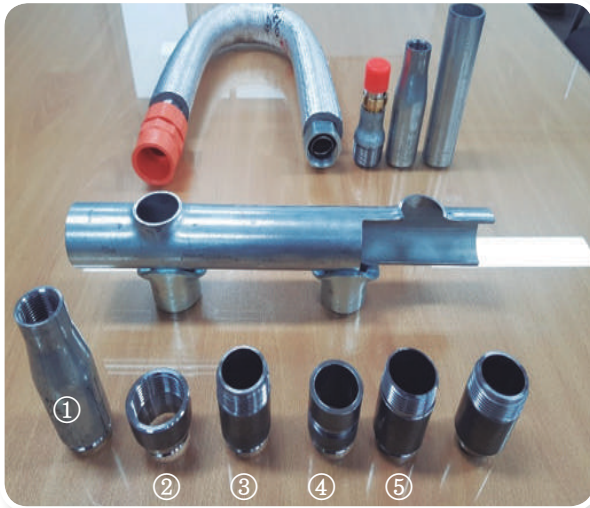


Joint-Development & Technology Advisory with Kookje College Det. of
National Emergency



Patent Product

Pipe Tee Branching Weld Groove Type Fitting



① Upright ② Female screw ③ Flexible

④ Groove ⑤ Male screw

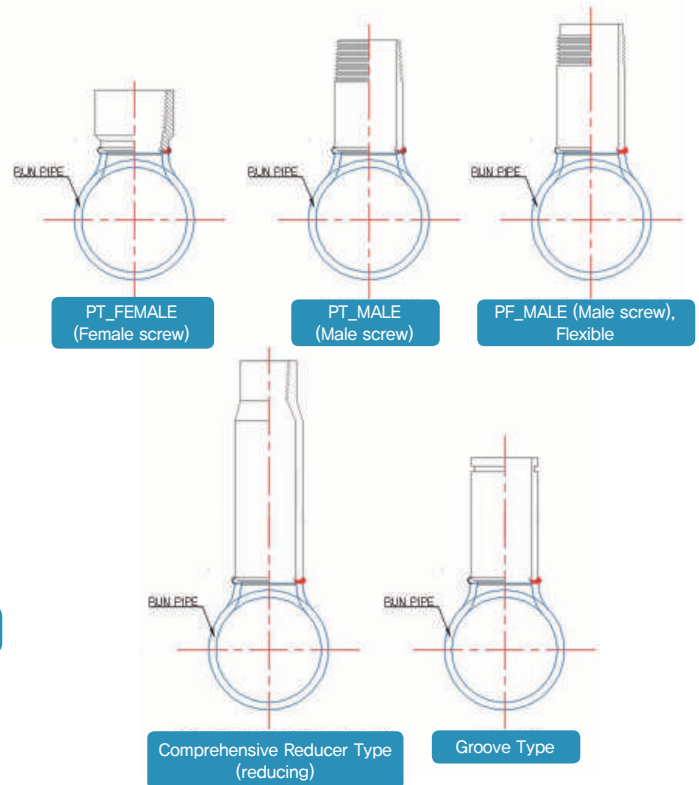


Image No.	Type	Term	Feature
①	Upright	25*15	- Operational efficiency increases by over 50% as center, 90 degree angle, and root gap is automatically formed during insert of branch during manufacturing process. - Reduces tube bending due to irregular cooling through accurate center welding - Increase in amount of penetration and welding strength allowing for back bead welding. - Relives danger of cracks occurring in pipe tee core.
		25*20	
②	Female screw	25	
		32	
		40	
		50	
		65	
③	Flexible	25	
④	Groove	25	
		32	
		40	
		50	
		65	
⑤	Male screw	25	
		32	
		40	
		50	
		65	

Manufacture of Firefighting Pipe using Firefighting Equipment Pipe Fitting (EASY Branch Pipe)

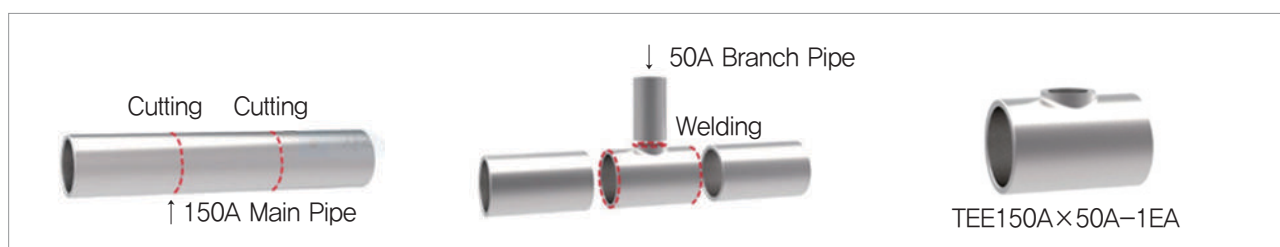
1

What is the EASY Branch Pipe OUTLET method?

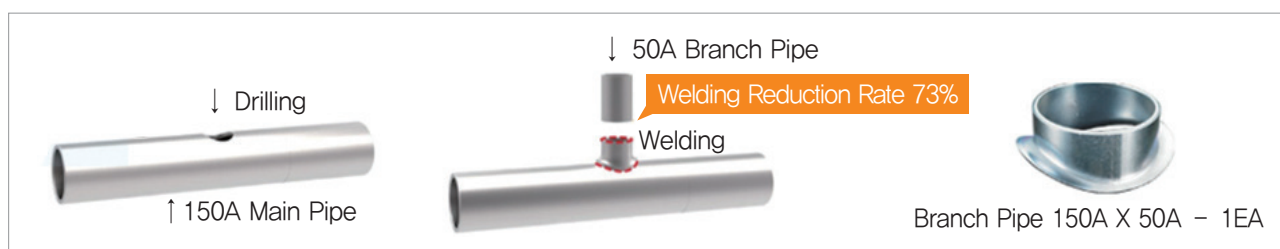
We have emerged as **the only outlet fitting manufacturer in Korea** that responds to advanced firefighting technology through continuous R&D under the management policy that puts the safety of the people first.



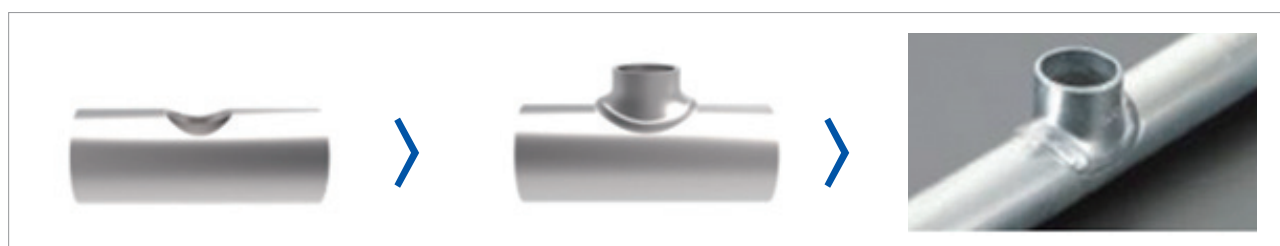
Present Construction Method



Outlet Construction Mode

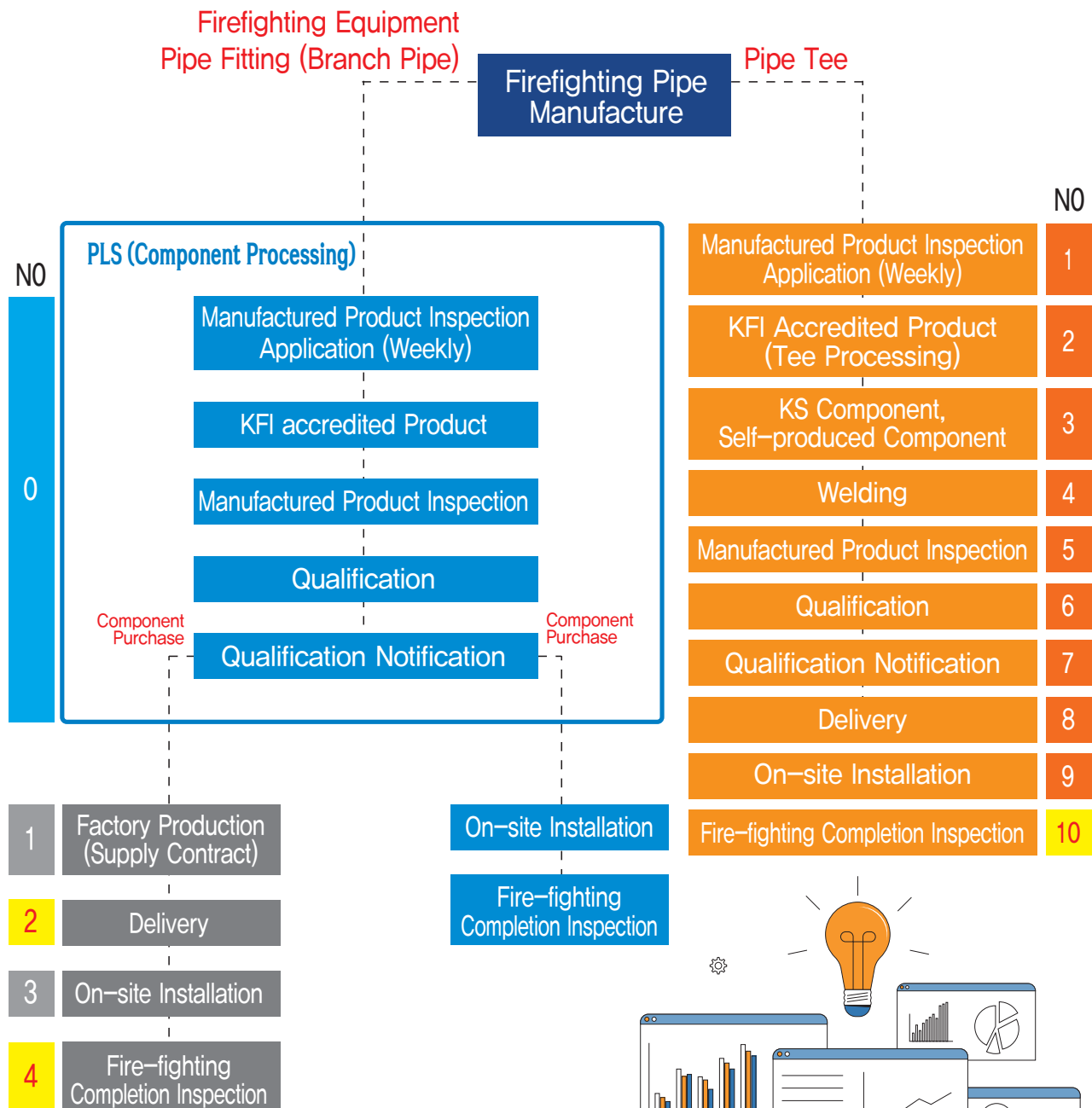


Outlet Construction Method



Comparison with Firefighting Pipe Manufacture Method

- No. of processes when manufacturing firefighting equipment pipe fitting (EASY Branch Pipe)
: 2 or 4 processes
- No. of processes when manufacturing pipe tee
: Total of 10 processes, **resulting in 6~8 additional processes**







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