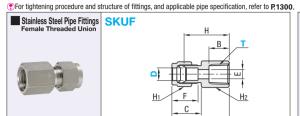
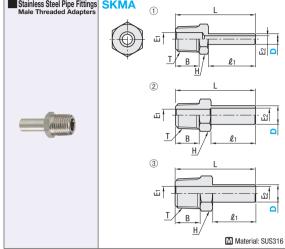
# **Stainless Steel Pipe Fittings**

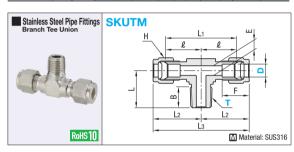
M Material: SUS316



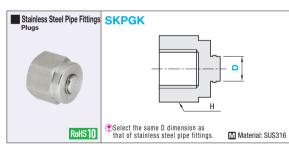
		R (PT)				_		_	_				
Part Numl	Part Number		T	В	С	F	E	н	Square		Unit Price	Volume Discount Rate	
Type	D	T Selection	Rc (PT)	_	Р	·	٠.	_		H <sub>1</sub>	H <sub>2</sub>	1 ~ 9 pc(s).	10 ~ 30 pcs.
		1	1/8	34.8	11	17.8	15.3	3.5	27.5	14	14		
	4	2	1/4	35.8	13	17.8	15.3	3.5	28.5	14	17		
	6	1	1/8	34.9	11	17.9	15.4	5	27.5	14	14		
		2	1/4	35.9	13	17.9	15.4	5	28.5	14	17		
SKUF		3	3/8	37.9	14	17.9	15.4	5	30.5	14	22		
SKUF	8	2	1/4	36.8	13	18.8	16.8	6	29	15.87	17		
	°	3	3/8	38.8	14	18.8	16.8	6	31	15.87	22		
	10	2	1/4	37.8	13	19.8	17.8	8	30	19	17		
		3	3/8	39.8	14	19.8	17.8	8	32	19	22		
	12	3	3/8	42.8	14	22.8	228	10	32	23	22		

RoHS10





Part Number		R (PT)	T			1.0		e	В	F	Е	н	Unit Price	Volume Discount Rate
Type	D	T Selection	R (PT)	_	-   -	1 L2 L3	*   5		Г	_	п	1 ~ 9 pc(s).	10 ~ 30 pcs.	
	4	1	1/8	21	41	27.8	55.6	20.5	11	15.3	3.5	14		
	6	1	1/8	21	41	27.9	55.8	20.5	11	15.4	5	14		
	0	2	1/4	23	43	28.9	57.8	21.5	13	15.4	5	14		
SKUTM		1	1/8	22	44	29.8	59.6	22	11	16.8	5	15.87		
	8	2	1/4	23	44	29.8	59.6	22	13	16.8	6	15.87		
	10	2	1/4	25	46	30.8	61.6	23	13	17.8	7	19		
	12	3	3/8	30	55	38.3	76.6	27.5	14	22.8	9	23		

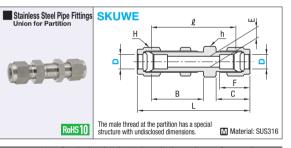


Par	t Number	Square	Unit Price	Volume Discount Rat		
Type	D	Nut H	1 ~ 9 pc(s).	10 ~ 30 pcs.		
	3.18 (1/8 Inch)	12				
	4	14				
	6	14				
	6.35 (1/4 inch)	14				
SKPGK	8	15.87				
	9.53 (3/8 inch)	19				
	10	19				
	12	23				
	12 7 (1/2 inch)	23				

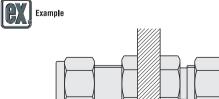




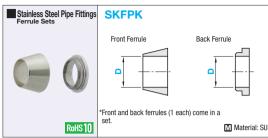
Part Numl	Part Number		Dunning	Т		E1	E2	В	l <sub>1</sub>	н	Unit Price	Volume Discount Rate
Type	D	T Selection	Drawing	R (PT)	-	=1	<b>E</b> 2	Р	L1	п	1 ~ 9 pc(s).	10 ~ 30 pcs.
	4	1	1	1/8	30.5	5	2.5	9	18	10		
	6	- 1	1	1/8	34	5	3	10	19	12		
	0	2	1	1/4	39	6	3	13	19	14		
		1	2	1/8	34	5	6	10	19	12		
SKMA	8	2	3	1/4	39	6	6	13	19	14		
		3	1	3/8	40	8	6	14	19	17		
	10	2	2	1/4	44	6	8	13	24	14		
	10	3	3	3/8	45	8	8	14	24	17		
	12	3	2	3/8	49	9	10	14	28	17		



Part Number			В	С	F	Е	h	н	e	Installation	Max. Plate Thickness for	Unit Price	Volume Discount Rate
Type	D		Р		-	_	n		ž.	Hole Dia.	Installation	1 ~ 9 pc(s).	10 ~ 30 pcs.
	4	59.6	28	17.8	15.3	3.5	17	14	45	11.5	13		
	6	59.8	28	17.9	15.4	5	17	14	45	11.5	13		
SKUWE	8	62.6	29	18.8	16.8	6	17	15.87	47	13.2	13.5		
	10	64.6	30	19.8	17.8	8	22	19	49	16.2	14.5		
	12	73.6	32	22.8	22.8	10	26	23	52	19.5	16		



SKUWE

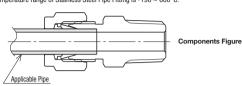


Material: SUS316

Part	Number	Unit Price	Volume Discount Rate		
Type	D	1 ~ 9 Set(s)	10 ~ 30 Sets		
	3.18(1/8 Inch)				
	4				
	6				
	6.35 (1/4 inch)				
SKFPK	8				
	9.53 (3/8 inch)				
	10				
	12				
	12.7 (1/2 inch)				

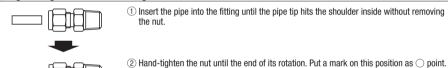
## Features and Structure of Fittings

A stainless steel pipe fitting is composed of a main body, a front ferrule, a back ferrule and a nut. Operating temperature range of Stainless Steel Pipe Fitting is -196 ~ 600°C.



Allowable Operating Pressure by Thickness of Stainless Steel Pipe (MPa												
Pipe O.D. (mm)	Thickness (mm)											
ripe O.D. (IIIIII)	0.5	1.0	1.5	2.0								
4	30.7	61.5	-	-								
6	-	41.0	61.5	-								
8	-	30.7	46.1	-								
10	-	24.6	36.9	-								
12	-	20.5	30.7	41.0								

#### **■** Tightening Procedure of Fittings



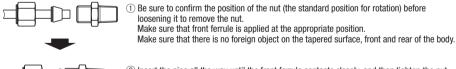
③ Hold the fitting body tightly with a wrench and tighten the nut with another wrench by the rotation shown on the right.

Note: For plastic tube connections, use Insert (SKITK) for tubes together without fail and tighten  $\emptyset 4 \sim \emptyset 12.7$  tubes by  $1 \frac{1}{4} \sim 1 \frac{1}{2}$  rotations.



Ø4 Type

#### ■ How to Tighten after Removing



② Insert the pipe all the way until the front ferrule contacts closely, and then tighten the nut by hand. (Insert carefully to avoid the tapered part on the main body being scratched by

Position before Tighten the Nut

Retightened Position

③ Tighten a little more past the position before loosening by a wrench.

### [Applicable Pipe Specification]

- · Applicable Type of Pipe: Stainless Steel Pipe
  - Stainless steel pipes (JIS G3459) subject to SUS304TP and SUS316TP for stainless steel pipes.
- · Pipe Surface Hardness: HV190 or less (HRB90 or less) · O.D. Tolerance: ±0.05mm
- · Condition of Pipe Surface: Avoid using pipes with defects such as surface roughness and scratches.

Allowable Operating Pressure by Thickness of Stainless Steel Pipe (MPa) (Inch)





Part Number