

# Stainless Steel Pipes / Stainless Steel Pipes Fittings

## Connector / Elbow

**Stainless Steel Pipes**

Type	Material	Standards	Annealing	Gloss
SKHR	304 Stainless Steel	Pipe Stainless Steel	Atmospheric Annealing	Not provided
SKH			Bright Annealing (BA Pipe)	Provided
SKER	316 Stainless Steel		Atmospheric Annealing	Not provided
SKE			Bright Annealing (BA Pipe)	Provided

Ⓞ This product is a seamless pipe.

D	t
4	1
6	1
6.35 (1/4 Inch)	1
8	1 (1.2)
9.53 (3/8 Inch)	1
10	1 (1.5)
12	1 (1.5)
12.7 (1/2 Inch)	1
16	1

Ⓞ Values in ( ) are for t dimension of SKE.

Part Number	D	L
4	4	20-500
6	6	
6.35 (1/4 Inch)	6.35	
8	8	
9.53 (3/8 Inch)	9.53	
10	10	
12	12	
12.7 (1/2 Inch)	12.7	
16	16	

SKHR  
SKH  
SKER  
SKE

Part Number Example: **SKE10 - L 300**

**Stainless Steel Pipe Fittings - Connector**

**SKTGK**

Ⓞ Includes ferrules (see SKFPK) Material: 316 Stainless Steel

**Stainless Steel Pipe Fittings - Elbow**

**SKTGLK**

Ⓞ Includes ferrules (see SKFPK) Material: 316 Stainless Steel

Part Number Type	D	R (PT)	T	L	E	F	l	Square	
								Main Body	Nut H
SKTGK	3.18 (1/8)	1	1/8	32.9	2.5	13.4	26	12	12
			2	1/4	34.9	2.5	13.4	28	14
	4	1	1/8	35.8	3.5	15.3	28.5	14	14
			2	1/4	37.8	3.5	15.3	30.5	14
	6	1	1/8	35.9	5	15.4	28.5	14	14
			2	1/4	37.9	5	15.4	30.5	14
		3	3/8	38.9	5	15.4	31.5	17	14
			4	1/2	44.4	5	15.4	37	22
	6.35 (1/4)	1	1/8	35.9	5	15.4	28.5	14	14
			2	1/4	37.9	5	15.4	30.5	14
	8	1	1/8	36.8	5	16.8	29	14	15.9
			2	1/4	38.8	6	16.8	31	14
3		3/8	39.8	6	16.8	32	17	15.9	
		4	1/2	45.3	6	16.8	37.5	22	15.9
9.53 (3/8)	2	1/4	39.8	7	17.8	32	17	19	
		3	3/8	40.8	7.5	17.8	33	17	19
	4	1/2	46.3	7.5	17.8	38.5	22	19	
		2	1/4	39.8	7	17.8	32	17	19
10	3	3/8	40.8	8	17.8	33	17	19	
		4	1/2	46.3	8	17.8	38.5	22	19
	2	1/4	42.8	7	22.8	32	22	23	
		3	3/8	43.8	9	22.8	33	22	23
12	4	1/2	49.3	10	22.8	38.5	22	23	
		2	1/4	42.8	7	22.8	32	22	23
12.7 (1/2)	3	3/8	43.8	9	22.8	33	22	23	
		4	1/2	49.3	10	22.8	38.5	22	23
	2	1/4	42.8	7	22.8	32	22	23	
		3	3/8	43.8	9	22.8	33	22	23

Part Number Type	D	R (PT)	T	L	L1	E	E1	F	l	Square	
										Main Body	Nut H
SKTGLK	3.18 (1/8)	1	1/8	24.9	22	2.5	5	13.4	18	12	12
			2	1/4	25.9	24	2.5	5	13.4	19	14
	4	1	1/8	27.8	22	3.5	5	15.3	20.5	14	14
			2	1/4	27.8	24	3.5	5	15.3	20.5	14
	6	1	1/8	27.9	22	5	5	15.4	20.5	14	14
			2	1/4	27.9	24	5	5	15.4	20.5	14
		3	3/8	28.9	27	5	5	15.4	21.5	17	14
			4	1/2	30.9	35	5	5	15.4	23.5	22
	6.35 (1/4)	1	1/8	27.9	22	5	5	15.4	20.5	14	14
			2	1/4	27.9	24	5	5	15.4	20.5	14
	8	1	1/8	28.8	22	5	5	16.8	21	14	15.9
			2	1/4	28.8	24	6	6	16.8	21	14
3		3/8	29.8	27	6	6	16.8	22	17	15.9	
		4	1/2	31.8	35	6	6	16.8	24	22	15.9
9.53 (3/8)	2	1/4	30.8	27	7.5	7	17.8	23	17	19	
		3	3/8	30.8	27	7.5	8	17.8	23	17	19
	4	1/2	32.8	35	7.5	8	17.8	25	22	19	
		2	1/4	30.8	27	7	7	17.8	23	17	19
10	3	3/8	30.8	27	8	8	17.8	23	17	19	
		4	1/2	32.8	35	8	8	17.8	25	22	19
	2	1/4	35.8	28	7	7	22.8	25	22	23	
		3	3/8	35.8	30	9	9	22.8	25	22	23
12	4	1/2	35.8	35	10	10	22.8	25	22	23	
		2	1/4	35.1	28	10	7	22.8	25	22	23
12.7 (1/2)	3	3/8	35.1	30	10	9	22.8	25	22	23	
		4	1/2	35.1	35	10	10	22.8	25	22	23
	2	1/4	35.1	28	10	7	22.8	25	22	23	
		3	3/8	35.1	30	10	9	22.8	25	22	23

Ⓞ L and F are dimensions for hand tightening. Ⓞ Values in ( ) for D dimension are by inch.

Ⓞ L and F are dimensions for hand tightening. Ⓞ Values in ( ) for D dimension are by inch. Ⓞ For tightening procedure and structure of fittings, and applicable pipe specification, refer to P.3371.

Part Number Example: **SKTGK6 - T 3**  
**SKTGLK9.53 - 4**

# Stainless Steel Pipe Fittings

## Unions / Union Elbow / Stepped Union / Union Tee / Port Connector / Tube Insert

**Stainless Steel Pipe Fittings - Unions**

**SKUSK**

Ⓞ Includes ferrules (see SKFPK) Material: 316 Stainless Steel

Part Number Type	D	L	E	F	l	Square	
						Main Body	Nut H
SKUSK	3.18 (1/8)	37.8	2.5	13.4	24	12	12
	4	42.6	3.5	15.3	28	14	14
	6	42.8	5	15.4	28	14	14
	6.35 (1/4)	42.8	5	15.4	28	14	14
	8	44.6	6	16.8	29	14	15.87
	9.53 (3/8)	46.6	8	17.8	31	17	19
	10	46.6	8	17.8	31	17	19
	12	52.6	10	22.8	31	22	23
12.7 (1/2)	52.6	10	22.8	31	22	23	

Ⓞ L and F are dimensions for hand tightening. Ⓞ Values in ( ) for D dimension are by inch.

**Stainless Steel Pipe Fittings - Stepped Union**

**SKUSDK**

Ⓞ Includes ferrules (see SKFPK) Material: 316 Stainless Steel

Part Number Type	D	D1	L	E	F	F1	l	Square		
								Main Body	Nut H	Nut H1
SKUSDK	6.35 (1/4)	3.18 (1/8)	40.8	2.5	15.4	13.4	26.5	14	14	12
			4	42.7	3.5	15.4	15.3	28	14	14
	8	4	43.6	3.5	16.8	15.3	28.5	14	15.87	14
			6	43.7	5	16.8	15.4	28.5	14	15.87
	9.53 (3/8)	6.35 (1/4)	44.7	5	17.8	15.4	29.5	17	19	14
			6	44.7	5	17.8	15.4	29.5	17	19
		8	45.6	6	17.8	16.8	30	17	19	15.87
			6	47.7	5	22.8	15.4	29.5	22	23
	12	10	49.6	8	22.8	17.8	31	22	23	19
			6.35 (1/4)	47.7	5	22.8	15.4	29.5	22	23

Ⓞ L and F are dimensions for hand tightening. Ⓞ Values in ( ) for D dimension are by inch.

**Stainless Steel Pipe Fittings - Port Connector**

**SKPCK**

Ⓞ Includes ferrules (see SKFPK) Material: 316 Stainless Steel

Part Number Type	D	L	E	l1
SKPCK	3.18 (1/8)	23	1.8	16
	4	26	2.5	19
	6	27	4	20
	6.35 (1/4)	27	4.8	20
	8	28	6.4	21
	9.53 (3/8)	29	7.6	22
	10	29	8	22
	12	37	9.5	26.7
12.7 (1/2)	37	9.9	26.7	

Ⓞ Values in ( ) for D dimension are by inch.

**Stainless Steel Pipe Fittings - Union Elbow**

**SKUEK**

Ⓞ Includes ferrules (see SKFPK) Material: 316 Stainless Steel

Part Number Type	D	L	E	F	l	Square	
						Main Body	Nut H
SKUEK	3.18 (1/8)	24.9	2.5	13.4	18	12	12
	4	27.8	3.5	15.3	20.5	14	14
	6	27.9	5	15.4	20.5	14	14
	6.35 (1/4)	27.9	5	15.4	20.5	14	14
	8	28.8	6	16.8	21	14	15.87
	9.53 (3/8)	30.8	8	17.8	23	17	19
	10	30.8	8	17.8	23	17	19
	12	34.8	10	22.8	24	22	23
12.7 (1/2)	34.8	10	22.8	24	22	23	

Ⓞ L and F are dimensions for hand tightening. Ⓞ Values in ( ) for D dimension are by inch.

**Stainless Steel Pipe Fittings - Union Tee**

**SKUTK**

Ⓞ Includes ferrules (see SKFPK) Material: 316 Stainless Steel

Part Number Type	D	L	E	F	l	Square	
						Main Body	Nut H
SKUTK	3.18 (1/8)	24.9	2.5	13.4	18	12	12
	4	27.8	3.5	15.3	20.5	14	14
	6	27.9	5	15.4	20.5	14	14
	6.35 (1/4)	27.9	5	15.4	20.5	14	14
	8	29.4	6	16.8	22	14	15.87
	9.53 (3/8)	30.8	8	17.8	23	17	19
	10	30.8	8	17.8	23	17	19
	12	38.3	10	22.8	27.5	22	23
12.7 (1/2)	38.3	10	22.8	27.5	22	23	

Ⓞ L and F are dimensions for hand tightening. Ⓞ Values in ( ) for D dimension are by inch.

**Stainless Steel Pipe Fittings - Tube Insert**

**SKITK**

Ⓞ Includes ferrules (see SKFPK) Material: 316 Stainless Steel

Part Number Type	Tube Outer Dia. (mm)	D	A	d	L
SKITK	4	4	2	1.0	18
	6	5.6	4	3.0	18
	8	7	6	4.8	19
	10	9	8	6.5	20
	12	11	10	8	25

Ⓞ Insert SKITK into tubes for piping Fluoroelastomer Tubes with Stainless Steel Pipe Fittings.

Part Number Example: **SKUSK6 - D1 6.35**  
**SKUSDK12.7 - 6.35**