

Low Pressure Screw Fittings

Equal Dia.



Points of comparison between similar products

① JIS Standard Compliant, ② Thick, Heavyweight, High Strength, ③ RoHS Compliant

90° Elbow

Type	Material	Surface Treatment
SGPPE	FCMB270	Hot Zinc Plating
SUTPE	SCS13A	-
SUTPES	SCS14A	-

RoHS 10

* For SUTPES, 32A~50A are not provided.

Male / Female Elbows

Type	Material	Surface Treatment
SGPPEL	FCMB270	Hot Zinc Plating
SUTPEL	SCS13A	-

RoHS 10

Tees

Type	Material	Surface Treatment
SGPPT	FCMB270	Hot Zinc Plating
SUTPT	SCS13A	-

RoHS 10

Hex Nipples

Type	Material	Surface Treatment
SGPNR	FCMB270	Hot Zinc Plating
SUTNR	SCS13A	-
SUTNRS	SCS14A	-

RoHS 10

* Shape of B Part: No.6A ~ 40A = Hex, 50A = Octagon

Ordering Example

Part Number

SUTPE20A

Applicable Standards

■ Similar Parts: JIS B 2301, JIS B 2302, JIS B 0203 Compliant
■ C-VALUE Products: ISO 4144 Compliant, GB/T 7306 Equivalent

Fitting Material

Fitting Type	Steel	Stainless Steel
Low Pressure Screw Fittings	Casting: FCMB270 (Malleable Casting) or Equivalent * Customers who are particular about external appearance should note that surface is rough because of limitations in the manufacturing process.	Casting: SCS13A (SUS304 Equivalent) SCS14A (SUS316 Equivalent) or Equivalent
High Pressure Screw Fittings	S25C or Equivalent	SCS13A (SUS304 Equivalent)

Pressure, Temperature Standards

■ Similar Part, C-VALUE Products Common Specifications

Fluid State (°C)	Max. Operating Pressure (Mpa)
Steam, Air, Gas, Oil: Up to 300°C	1.0
Steam, Air, Oil, Pulsating Water: Up to 200°C	1.4
Static Flow Water: Up to 120°C	2.0

* Pulsating Water is a stream of water that is generated under steady operating conditions and variation of pressure and flow rate occurs in cycles.
* Static Flow Water is a non-pulsating stream of water.

Note that, for some of the types shown here, order might be unable to be received by the MISUMI Indonesia offices.



Low Pressure Screw Fittings

Equal Dia.



Points of comparison between similar products

① ISO Standard Equivalent, ② Thin, Lightweight, ③ Not RoHS Compliant

For similar parts

90° Elbow

Type	Material
C-SUTPE	SCS13A

Male / Female Elbows

Type	Material
C-SUTPEL	SCS13A

Tees

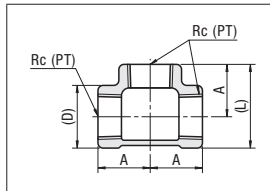
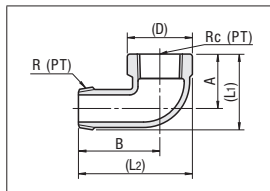
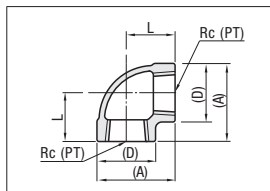
Type	Material
C-SUTPT	SCS13A

Ordering Example

Part Number

C-SUTPE20A

Minimum Thickness Dimension, Weight



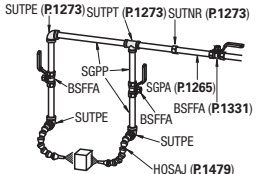
Part Number		Rc (PT)	(D)	L	(A)	Unit Price 1 ~ 9 pc(s).	Volume Discount Rate 10 ~ 29 pcs.	Volume Discount Rate 30 ~ 50 pcs.
Type	No.							
C-SUTPE	6A	1/8	15	17	24.5			
	8A	1/4	18.5	19	28.5			
	10A	3/8	22	23	34			
	15A	1/2	26.5	27	40.5			
	20A	3/4	32	32	48			
	25A	1	41.5	38	60			

Part Number		R, Rc (PT)	(D)	(L1)	(L2)	A	B	Unit Price 1 ~ 9 pc(s).	Volume Discount Rate 10 ~ 29 pcs.	Volume Discount Rate 30 ~ 50 pcs.
Type	No.									
C-SUTPEL	6A	1/8	15	21	33.5	17	26			
	8A	1/4	18.5	24.5	36.0	19	27			
	10A	3/8	22	30.5	40	23	29			
	15A	1/2	26.5	36.5	48.5	27	35			
	20A	3/4	32	44	56	32	40			
	25A	1	41.5	53	67	38	46			

Part Number		Rc (PT)	(D)	(L)	A	Unit Price 1 ~ 9 pc(s).	Volume Discount Rate 10 ~ 29 pcs.	Volume Discount Rate 30 ~ 50 pcs.
Type	No.							
C-SUTPT	6A	1/8	15	24.5	17			
	8A	1/4	18.5	28	19			
	10A	3/8	22	34	23			
	15A	1/2	26.5	40.5	27			
	20A	3/4	32	48	32			
	25A	1	41.5	59	38			



Example



90° Elbow		Thickness and weight are for reference, and should not be used as quality criteria.			
No.	Rc (PT)	Minimum Thickness (mm)		Weight (g)	
		Similar Part	C-VALUE Products	Similar Part	C-VALUE Products
6A	1/8	2.8	2.5	55	25
8A	1/4	3.2	2.9	50	40
10A	3/8	3.2	2.9	75	45
15A	1/2	3.5	1.6	120	70
20A	3/4	3.5	1.7	185	110
25A	1	3.5	1.9	295	200

Male/Female Elbows		ⓘ Thickness and weight are for reference, and should not be used as quality criteria.			
No.	R, Rc(PT)	Minimum Thickness (mm)		Weight (g)	
		Similar Part	C-VALUE Products	Similar Part	C-VALUE Products
6A	1/8	2.8	1.1	30	20
8A	1/4	3	1.5	40	30
10A	3/8	3	1.5	60	45
15A	1/2	3.5	2	85	70
20A	3/4	3.5	2	150	110
25A	1	3.5	2	240	190

Tees		⚠️ Thickness and weight are for reference, and should not be used as quality criteria.			
No.	Rc (PT)	Minimum Thickness (mm)		Weight (g)	
		Similar Part	C-VALUE Products	Similar Part	C-VALUE Products
6A	1/8	3.2	2.5	90	25
8A	1/4	3.2	2.9	80	45
10A	3/8	3.2	2.9	105	75
15A	1/2	3.2	1.6	165	100
20A	3/4	3.2	1.7	240	165
25A	1	3.4	1.9	410	320