

Low Pressure Screw Fittings

Equal Dia. / Reducing

Union

Type	Material	Surface Treatment
SGPPU	FCMB270	Hot Zinc Plating
SUTPU	SCS13A	-

RoHS10

Cross

Type	Material	Surface Treatment
SGPCS	FCMB270	Hot Zinc Plating
SUTCS	SCS13A	-

RoHS10

Flanges

Type	Material	Surface Treatment
SGPFR	FCMB270	Hot Zinc Plating
SUTFR	SCS13A	-

RoHS10

3-Way Elbows

Type	Material	Surface Treatment
SGSTL	FCMB270	Hot Zinc Plating

RoHS10

Bushings

Type	Material	Surface Treatment
SGPPB	FCMB270	Hot Zinc Plating
SUTPB	SCS13A	-

RoHS10

Part Number	SGPPU					SUTPU				SGPPU		SUTPU			
	Type	No.	Rc (PT)	B ₁	(L)	(A)	B	B ₁	(L)	(A)	B	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
SGPPU SUTPU	6A	1/8	15	30	13	25	14	30	13	25		1-9 pc(s)	10-30 pcs.	1-9 pc(s)	10-30 pcs.
	8A	1/4	19	33.5	13.5	31	18	33.5	13.5	31					
	10A	3/8	23	38	16	37	22	37.5	16	37					
	15A	1/2	27	41	17	42	26	40.5	17	42					
	20A	3/4	33	51	18.5	49	32	42.5	17	50					
25A	1	41	54	20	59	41	51	20	59						

■ Shape of B1 Part: SUTPU6A, 8A: 2-Flat, SUTPU10A, 15A: Hex, SUTPU20A, 25A: Octagon, SGPPU: Octagon
 ■ Features:
 These fittings can be removed by loosening the nuts, and thus, require no twist of pipes themselves.

Part Number	SGPCS		SUTCS		SGPCS		SUTCS				
	Type	No.	Rc (PT)	(D)	L	(D)	L	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
SGPCS SUTCS	8A	1/4	22	19	22	19					
	10A	3/8	26	23	26	23					
	15A	1/2	30	27	30	27					
	20A	3/4	36	32	36	32					
	25A	1	44	38	44	38					

Part Number	Type	No.	Rc (PT)	D	(T)	(t)	(B)	(f)	(g)	P.C.D.	d	Applicable Bolt Dia.	Unit Price	
													1-9 pc(s)	10-30 pcs.
SGPFR	15A	1/2	95	18	12	38	1	51	70	15	M12			
	20A	3/4	100	19	14	42	1	56	75	15	M12			
	25A	1	125	23	14	49	1	67	90	19	M16			
	32A	1 1/4	135	25	16	64	2	76	100	19	M16			
	40A	1 1/2	140	25	16	68	2	81	105	19	M16			
50A	2	155	29	16	82	2	96	120	19	M16				

Part Number	Type	No.	Rc (PT)	D	(T)	(t)	(B)	P.C.D.	d	Applicable Bolt Dia.	Unit Price	
											1-9 pc(s)	10-30 pcs.
SUTFR	15A	1/2	95	16	10	30	70	15	M12			
	20A	3/4	100	18	12	36	75	15	M12			
	25A	1	125	18	12	43	90	19	M16			
	32A	1 1/4	135	21	14	54	100	19	M16			
	40A	1 1/2	140	21	14	60	105	19	M16			
50A	2	155	22	14	74	120	19	M16				

Part Number	Type	No.	Rc (PT)		(D)	A	Unit Price	
			1	2			1-9 pc(s)	10-30 pcs.
SGSTL	15A		1/2		28	26		
	20A		3/4		34	30		
	25A		1		43	38		

Part Number	Type	No.	Rc (PT)		L	B	SGPPB		SUTPB	
			T ₁	T ₂			Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
SGPPB SUTPB	12	1/8	1/4		17	17				
	13	1/8	3/8		18	21				
	14	1/8	1/2		21	26				
	23	1/4	3/8		18	21				
	24	1/4	1/2		21	26				
	26	1/4	3/4		24	32				
	28	1/4	1		27	38				
	34	3/8	1/2		21	26				
	36	3/8	3/4		24	32				
	38	3/8	1		27	38				
	46	1/2	3/4		24	32				
	48	1/2	1		27	38				
	68	3/4	1		27	38				
	610	3/4	1 1/4		30	46				
	810	1	1 1/4		30	46				
	812	1	1 1/2		32	54				
1012	1 1/4	1 1/2		32	54					
1016	1 1/4	2		36	63					
1216	1 1/2	2		36	63					

■ No. 1016 and 1216 have octagonal B part. All other parts are hex.

Reducing Nipples

Type	Material	Surface Treatment
STUNPS	SCS13A	-
STUNPSS	SCS14A	-

RoHS10

Reducing Elbows

Type	Material	Surface Treatment
SGPED	FCMB270	Hot Zinc Plating
SUTED	SCS13A	-

RoHS10

Reducing Tees

Type	Material	Surface Treatment
SGPPTD	FCMB270	Hot Zinc Plating
SUTPTD	SCS13A	-

RoHS10

Reducing Sockets

Type	Material	Surface Treatment
SGPSD	FCMB270	Hot Zinc Plating
SUTSD	SCS13A	-

RoHS10

i Operating Conditions of Fittings

Fluid State	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

Part Number	Type	No.	STUNPS										STUNPSS										Unit Price STUNPS		Unit Price STUNPSS	
			R ₁	T ₂	B	L	(A)	(d ₁)	(d ₂)	(d ₃)	(d ₄)	(d ₅)	B	L	(A)	(d ₁)	(d ₂)	(d ₃)	(d ₄)	(d ₅)	1-9 pc(s)	10-30 pcs.	1-9 pc(s)	10-30 pcs.		
STUNPS STUNPSS	12	1/4	1/8	17	33	10	12	11	7	5	16	28	8.0	12.0	7.6	7.5	5.0									
	13	3/8	1/8	21	34	10	13	11	9	5	19	29	7.8	13.1	7.6	10.9	4.9									
	23	3/8	1/4	21	35	10	13	12	9	7	19	33	8.1	12.9	12.0	10.9	7.4									
	24	1/2	1/4	26	38	10	16	12	13	7	24	36	8.1	16.3	11.9	14.4	4.6									
	34	1/2	3/8	26	39	10	16	13	13	9	24	37	8.5	15.3	12.9	14.4	10.9									
	36	3/4	3/8	32	42	11	18	13	16	9	29	39	8.5	17.5	12.3	19.9	11.0									
	46	3/4	1/2	32	45	11	18	16	16	13	29	42	8.2	17.9	15.5	20.0	14.5									
	48	1	1/2	38	48	12	20	16	22	13	36	45	8.3	20.8	15.9	25.5	14.5									
68	1	3/4	38	50	12	20	18	22	16	36	47	8.4	20.9	17.6	25.5	20.0										

Part Number	Type	No.	Rc (PT)		SGPED				SUTED				SGPED		SUTED				
			T ₁	T ₂	(D ₁)	(L ₁)	(L ₂)	W	H	(D ₁)	(L ₁)	(L ₂)	W	H	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	
SGPED SUTED	24	1/4	1/2	23	31	36	40	24	22	30	35	39	24	24					
	34	3/8	1/2	27	31	39	42	25	26	26	30	39	40	25	26				
	36	3/4	3/4	27	37	42	47	28	28	26	36	41	46	28	28				
	46	1/2	3/4	28	35	44	49	30	29	30	36	44	48	30	29				
	48	1/2	1	28	42	46	54	33	32	30	44	47	55	32	33				
	68	3/4	1	34	43	52	57	35	34	36	44	52	57	35	34				

Part Number	Type	No.	Rc (PT)		SGPPTD			SUTPTD			SGPPTD		SUTPTD	
			T ₁	T ₂	(L)	A	B	(L)	A	B	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
SGPPTD SUTPTD	24	1/4	1/2	40.5	24	24	39	24	24					
	34	3/8	1/2	41	26	25	40	26	25					
	46	1/2	3/4	47	28	28	46	28	28					
46	1/2	3/4	48	29	30	48	29	30						

Part Number	Type	No.	Rc (PT)		SGPSD						SUTSD					
			T ₁	T ₂	L	(D ₁)	(D ₂)	(D ₃)	(a)	(d)	L	(D ₁)	(D ₂)	(a)	(d)	
SGPSD SUTSD	12	1/8	1/4		26	23	19	-	-	-	-	25	19	15	4	8
	13	1/8	3/8		29	27	19	-	-	-	-	28	23	19	5	9
	23	1/4	3/8		29	27	23	-	-	-	-					