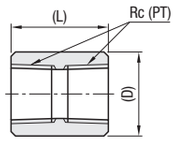
High Pressure Screw Fittings

Equal Dia. / Reducing

Sockets RoHS10

Type	Material
SGPPSH	EN 1.1158 Equiv.
SUTPSH	EN 1.4308 Equiv.

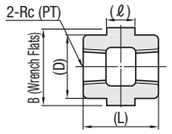


Part Number Type	No.	Rc (PT)	SGPPSH (D)	SGPPSH (L)	SUTPSH (D)	SUTPSH (L)	SGPPSH Unit Price 1 ~ 4 pc(s).	SGPPSH Volume Discount Rate 5~20 pcs.	SUTPSH Unit Price 1 ~ 4 pc(s).	SUTPSH Volume Discount Rate 5~20 pcs.
SGPPSH / SUTPSH	6A	1/8	19	22	19	26				
	8A	1/4	22	25	22	28				
	10A	3/8	28	28	25	33				
	15A	1/2	32	32	32	37				
	20A	3/4	38	38	38	42				
	25A	1	46	45	45	45				
	32A	1 1/4	58	50	55	52				
	40A	1 1/2	63	55	65	56				
	50A	2	76	60	75	66				

For orders larger than indicated quantity, please check with WOS.

Hex Sockets RoHS10

Type	Material
SGPSH	EN 1.1158 Equiv.

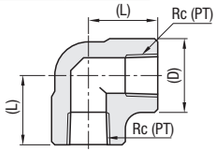


Part Number Type	No.	Rc (PT)	B	(ℓ)	(D)	(L)	Unit Price 1 ~ 4 pc(s).	Volume Discount Rate 5~20 pcs.
SGPSH	8A	1/4	22	8	22	28		
	10A	3/8	27	9	27	33		
	15A	1/2	32	9	32	37		
	20A	3/4	38	12	38	42		
	25A	1	46	13	46	45		
	32A	1 1/4	58	14	56	52		

For orders larger than indicated quantity, please check with WOS.

Elbows RoHS10

Type	Material
SGPPEH	EN 1.1158 Equiv.
SUPESH	EN 1.4308 Equiv.

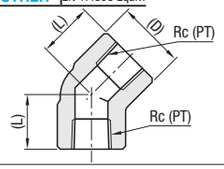


Part Number Type	No.	Rc (PT)	SGPPEH (D)	SGPPEH (L)	SUPESH (D)	SUPESH (L)	SGPPEH Unit Price 1 ~ 4 pc(s).	SGPPEH Volume Discount Rate 5~20 pcs.	SUPESH Unit Price 1 ~ 4 pc(s).	SUPESH Volume Discount Rate 5~20 pcs.
SGPPEH / SUPESH	6A	1/8	23	21.6	23	21.6				
	8A	1/4	23	21.6	23	21.6				
	10A	3/8	27	25.5	27	25.5				
	15A	1/2	34	28.9	34	28.9				
	20A	3/4	39	33.1	39	33.1				
	25A	1	47	38.2	47	38.2				
	32A	1 1/4	56	44.6	56	45.0				
	40A	1 1/2	63	51.1	63	50.8				
	50A	2	76	58.0	76	60.1				

For orders larger than indicated quantity, please check with WOS.

45°Elbows RoHS10

Type	Material
SGPHEH	EN 1.1158 Equiv.
SUTHEH	EN 1.4308 Equiv.

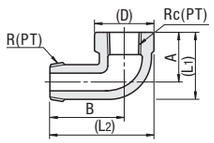


Part Number Type	No.	Rc (PT)	SGPHEH (D)	SGPHEH (L)	SUTHEH (D)	SUTHEH (L)	SGPHEH Unit Price 1 ~ 4 pc(s).	SGPHEH Volume Discount Rate 5~20 pcs.	SUTHEH Unit Price 1 ~ 4 pc(s).	SUTHEH Volume Discount Rate 5~20 pcs.
SGPHEH / SUTHEH	8A	1/4	23	18.4	23	18.4				
	10A	3/8	27	18.9	27	18.9				
	15A	1/2	34	24.1	34	24.1				
	20A	3/4	39	26.7	39	26.7				
	25A	1	47	30.3	47	30.3				
	32A	1 1/4	56	35.5	56	35.5				
	40A	1 1/2	63	39.6	63	39.6				
	50A	2	76	46.4	76	46.4				

For orders larger than indicated quantity, please check with WOS.

Male/Female Elbows RoHS10

Type	Material
SGPELH	EN 1.1158 Equiv.
SUTELH	EN 1.4308 Equiv.

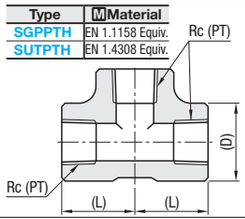


Part Number Type	No.	R Rc (PT)	SGPELH (D)	SGPELH (L1)	SGPELH (L2)	SGPELH A	SGPELH B	SUTELH (D)	SUTELH (L1)	SUTELH (L2)	SUTELH A	SUTELH B	SGPELH Unit Price 1 ~ 9 pc(s).	SGPELH Volume Discount Rate 10 ~ 30 pcs.	SUTELH Unit Price 1 ~ 19 pc(s).	SUTELH Volume Discount Rate 20~50pcs.
SGPELH / SUTELH	8A	1/4	24	30	41	21	27	25	32.5	45	22	32				
	10A	3/8	24	35	41	25	28	33	39.5	55	25	38				
	15A	1/2	32	41	51	29	35	38	44.5	61	28	41				
	20A	3/4	36	47	59	33	40	46	55.5	72	35	48				
	25A	1	46	57	74	38	48	56	70.5	86	44	57				

For orders larger than indicated quantity, please check with WOS.

Tees RoHS10

Type	Material
SGPPTH	EN 1.1158 Equiv.
SUTPTH	EN 1.4308 Equiv.

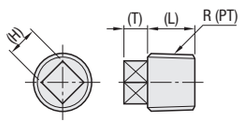


Part Number Type	No.	Rc (PT)	SGPPTH (D)	SGPPTH (L)	SUTPTH (D)	SUTPTH (L)	SGPPTH Unit Price 1 ~ 4 pc(s).	SGPPTH Volume Discount Rate 5~20 pcs.	SUTPTH Unit Price 1 ~ 4 pc(s).	SUTPTH Volume Discount Rate 5~20 pcs.
SGPPTH / SUTPTH	8A	1/4	23	21.6	23	21.6				
	10A	3/8	27	25.5	27	25.5				
	15A	1/2	34	28.9	34	28.9				
	20A	3/4	39	33.1	39	33.1				
	25A	1	47	38.2	47	38.2				
	32A	1 1/4	56	44.6	56	45.0				
	40A	1 1/2	63	51.1	63	50.8				
	50A	2	76	58.0	76	60.1				

For orders larger than indicated quantity, please check with WOS.

Plugs RoHS10

Type	Material
SGPPPJ	EN 1.1158 Equiv.
SUPPPJ	EN 1.4308 Equiv.

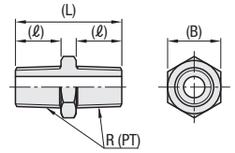


Part Number Type	No.	R (PT)	SGPPPJ (L)	SGPPPJ (T)	SGPPPJ (H)	SUPPPJ (L)	SUPPPJ (T)	SUPPPJ (H)	SGPPPJ Unit Price 1 ~ 4 pc(s).	SGPPPJ Volume Discount Rate 5~20 pcs.	SUPPPJ Unit Price 1 ~ 4 pc(s).	SUPPPJ Volume Discount Rate 5~20 pcs.
SGPPPJ / SUPPPJ	8A	1/4	11	9	9	11	7	9				
	10A	3/8	12	10	12	12	9	12				
	15A	1/2	15	11	14	15	10	14				
	20A	3/4	17	12	17	17	11	17				
	25A	1	19	13	19	20	12	21				
	32A	1 1/4	22	14	23	22	13	23				
	40A	1 1/2	22	15	26	22	14	28				
	50A	2	26	16	32	26	15	33				

For orders larger than indicated quantity, please check with WOS.

Hex Nipples RoHS10

Type	Material
SGPNRJ	EN 1.1158 Equiv.
SUTNRJ	EN 1.4308 Equiv.

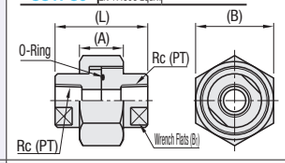


Part Number Type	No.	R (PT)	SGPNRJ (ℓ)	SGPNRJ (L)	SGPNRJ (B)	SUTNRJ (ℓ)	SUTNRJ (L)	SUTNRJ (B)	SGPNRJ Unit Price 1 ~ 4 pc(s).	SGPNRJ Volume Discount Rate 5~20 pcs.	SUTNRJ Unit Price 1 ~ 4 pc(s).	SUTNRJ Volume Discount Rate 5~20 pcs.
SGPNRJ / SUTNRJ	6A	1/8	11	27	12	10	28	12				
	8A	1/4	15	35	17	12	34	14				
	10A	3/8	15	37	19	13	36	19				
	15A	1/2	17	43	23	16	42	23				
	20A	3/4	20	49	29	18	47	29				
	25A	1	22	54	35	20	52	35				
	32A	1 1/4	22	56	46	22	56	46				
	40A	1 1/2	25	62	50	23	60	50				
	50A	2	29	72	63	25	66	63				

For orders larger than indicated quantity, please check with WOS.

Unions (With O-Ring) RoHS10

Type	Material: Main Body	Material: O-Ring
SGPPUJ	EN 1.1158 Equiv.	Nitrile Rubber
SUTPUJ	EN 1.4308 Equiv.	



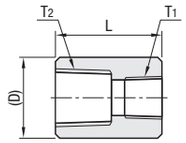
Part Number Type	No.	Rc (PT)	SGPPUJ (B1)	SGPPUJ (L)	SGPPUJ (A)	SGPPUJ (B)	SUTPUJ (B1)	SUTPUJ (L)	SUTPUJ (A)	SUTPUJ (B)	O-Ring	SGPPUJ Unit Price 1 ~ 4 pc(s).	SGPPUJ Volume Discount Rate 5~20 pcs.	SUTPUJ Unit Price 1 ~ 4 pc(s).	SUTPUJ Volume Discount Rate 5~20 pcs.
SGPPUJ / SUTPUJ	8A	1/4	22	38	18	32	22	38	18	32	P18				
	10A	3/8	26	40	20	41	26	40	20	41	P20				
	15A	1/2	32	44	22	46	32	44	22	46	G25				
	20A	3/4	38	50	26	54	38	50	26	54	G30				
	25A	1	47	56	28	63	47	56	28	63	G35				
	32A	1 1/4	58	62	30	74	58	62	30	74	G45				
	40A	1 1/2	63	70	32	80	63	70	32	80	G50				
	50A	2	76	76	36	95	76	76	36	95	G65				

Features: These fittings can be removed by loosening the nuts, and thus, require no twist of pipes themselves.

For orders larger than indicated quantity, please check with WOS.

Reducing Sockets RoHS10

Type	Material
SGPSDJ	EN 1.1158 Equiv.
SUTSSJ	EN 1.4308 Equiv.

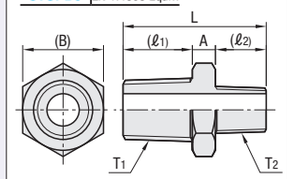


Part Number Type	No.	Rc (PT) T1	Rc (PT) T2	SGPSDJ L	SGPSDJ (D)	SUTSSJ L	SUTSSJ (D)	SGPSDJ Unit Price 1 ~ 9 pc(s).	SGPSDJ Volume Discount Rate 10 ~ 30 pcs.	SUTSSJ Unit Price 1 ~ 9 pc(s).	SUTSSJ Volume Discount Rate 10 ~ 30 pcs.
SGPSDJ / SUTSSJ	12	1/8	1/4	25	22	28	22				
	23	1/4	3/8	28	28	33	25				
	24	1/4	1/2	32	32	32	32				
	34	3/8	1/2	32	32	37	32				
	36	3/8	3/4	38	38	42	38				
	46	1/2	3/4	38	38	42	38				
	48	1/2	1	45	46	45	45				
	68	3/4	1	45	46	45	45				

For orders larger than indicated quantity, please check with WOS.

Reducing Nipples RoHS10

Type	Material
SGPNPJ	EN 1.1158 Equiv.
STUPDJ	EN 1.4308 Equiv.

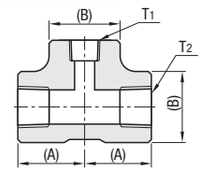


Part Number Type	No.	R (PT) T1	R (PT) T2	SGPNPJ L	SGPNPJ A	SGPNPJ (B)	SGPNPJ (ℓ1)	SGPNPJ (ℓ2)	STUPDJ L	STUPDJ A	STUPDJ (B)	STUPDJ (ℓ1)	STUPDJ (ℓ2)	SGPNPJ Unit Price 1 ~ 9 pc(s).	SGPNPJ Volume Discount Rate 10 ~ 30 pcs.	STUPDJ Unit Price 1 ~ 9 pc(s).	STUPDJ Volume Discount Rate 10 ~ 30 pcs.
SGPNPJ / STUPDJ	12	1/4	1/8	31	5	17	15	11	-	-	-	-	-			-	-
	23	3/8	1/4	37	7	19	15	15	40	8	19	16.5	15.5				
	24	1/2	1/4	41	9	23	17	15	45	9	23	20.5	15.5				
	34	1/2	3/8	41	9	23	17	15	46	9	23	20.5	16.5				
	36	3/4	3/8	44	9	29	20	15	48	10	28	21.5	16.5				
	46	3/4	1/2	46	9	29	20	17	52	10	28	21.5	20.5				
	48	1	1/2	49	10	35	22	17	57	11	36	25.5	20.5				
	68	1	3/4	52	10	35	22	20	58	11	36	25.5	21.5				

For orders larger than indicated quantity, please check with WOS.

Reducing Tees RoHS10

Type	Material
SGPTDJ	EN 1.1158 Equiv.

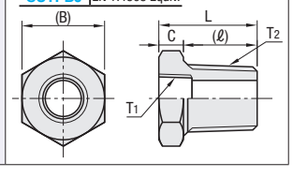


Part Number Type	No.	Rc (PT) T1	Rc (PT) T2	(A)	(B)	Unit Price 1 ~ 9 pc (s).	Volume Discount Rate 10 ~ 30 pcs.
SGPTDJ	24	1/4	1/2	28.5	33		
	34	3/8	1/2	28.9	33		
	36	3/8	3/4	35.1	38		
	46	1/2	3/4	35.1	38		

For orders larger than indicated quantity, please check with WOS.

Bushings RoHS10

Type	Material
SGPPBJ	EN 1.1158 Equiv.
SUTPBJ	EN 1.4308 Equiv.



Part Number Type	No.	T1 Rc (PT)	T2 R (PT)	SGPPBJ (B)	SGPPBJ L	SGPPBJ C	SGPPBJ (ℓ)	SUTPBJ (B)	SUTPBJ L	SUTPBJ C	SUTPBJ (ℓ)	SGPPBJ Unit Price 1 ~ 9 pc(s).	SGPPBJ Volume Discount Rate 10 ~ 30 pcs.	SUTPBJ Unit Price 1 ~ 9 pc(s).	SUTPBJ Volume Discount Rate 10 ~ 30 pcs.
SGPPBJ / SUTPBJ	12	1/8	1/4	17	20	5	15	17	17	5	12				
	23	1/4	3/8	19	22	7	15	19	18	5	13				
	24	1/4	1/2	23	26	9	17	23	21	5	16				
	26	1/4	3/4	29	29	9	20	29	24	6	18				
	34	3/8	1/2	23	26	9	17	23	21	5	16				
	36	3/8	3/4	29	29	9	20	29	24	6	18				
	38	3/8	1	35	32	10	22	35	27	7	20				
	46	1/2	3/4	29	29	9	20	29	24	6	18				
	48	1/2	1	35	32	10	22	35	27	7	20				
	68	3/4	1	35	32	10	22	35	30	7	20				

For orders larger than indicated quantity, please check with WOS.

Fitting Specifications

Fitting Material	Steel EN 1.1158 Equiv. of JIS G4051 or Equiv. Stainless Steel EN 1.4301 Equiv. of JIS G3459 or Equiv.
Max. Operating Temp.	EN 1.1158 Equiv. 350°C O Ring 100°C SUS30 4800°C
Max. Operating Pressure	20.6MPa
Applicable Pipe	Plumbing with Carbon Steel Pipes, JIS G3454, 3455, 3456 Plumbing with Stainless Steel Pipes, JIS G3459

* EN 1.1158 Equiv. material is made of JIS B2316, while EN 1.4301 Equiv. material is made of JIS B2316.

As fittings are cast products, ( ) dimensions such as (L) and (T) are for reference, not guaranteed.

Ordering Example

Part Number
SGPPEH6A
SGPSDJ12