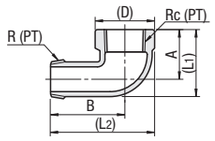
Low Pressure Screw Fittings

Thread Coated Type

Features: Male threads are coated. Provides immediate out of the box operation.

Steel Pipe Fittings
Female/Male Elbows

Type	Material	Surface Treatment
SGCEL	EN-JM 1010 Equiv.	Hot Zinc Plating
SUCEL	EN 1.4308 Equiv.	-



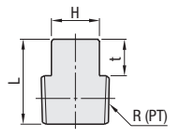
Allowable temperature: 150°C

Part Number Type	No.	R Rc (PT)	SGCEL (D)	SGCEL (L1)	SGCEL (L2)	SGCEL A	SGCEL B	SUCEL (D)	SUCEL (L1)	SUCEL (L2)	SUCEL A	SUCEL B	SGCEL Unit Price 1 ~ 9 pc(s).	SGCEL Volume Discount Rate 10 ~ 30 pcs.	SUCEL Unit Price 1 ~ 19 pc(s).	SUCEL Volume Discount Rate 20 ~ 50 pcs.
SGCEL SUCEL	6A	1/8	19	23	36	17	26	14.5	22	33	17	26				
	8A	1/4	22	26	42	19	30	21	26	41	19	30				
	10A	3/8	27	31	48	23	35	25	32	48	23	35				
	15A	1/2	31	38	56	27	40	29	38	55	27	40				
	20A	3/4	36	45	66	32	47	36	46	65	32	47				
	25A	1	45	55	76.5	38	54	44	55	76	38	54				

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

Steel Pipe Fittings
Plugs

Type	Material	Surface Treatment
SGCPP	EN-JM 1010 Equiv.	Hot Zinc Plating
SUCPP	EN 1.4308 Equiv.	-



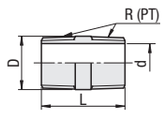
Allowable temperature: 150°C

Part Number Type	No.	R (PT)	Square Size H	t	L SGCPP	L SUCPP	SGCPP Unit Price 1 ~ 9 pc(s).	SGCPP Volume Discount Rate 10 ~ 30 pcs.	SUCPP Unit Price 1 ~ 19 pc(s).	SUCPP Volume Discount Rate 20 ~ 50 pcs.
SGCPP SUCPP	6A	1/8	7	7	16	16				
	8A	1/4	9	8	19	19				
	10A	3/8	12	9	21	21				
	15A	1/2	14	10	26	25				
	20A	3/4	17	11	29	28				
	25A	1	19	12	31	31				

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

Steel Pipe Fittings
Round Nipples

Type	Material	Surface Treatment
SGCNP	EN 1.0035 Equiv.	Hot Zinc Plating
SUCNP	EN 1.4301 Equiv.	-



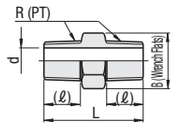
Allowable temperature: 150°C

Part Number Type	No.	R (PT)	D	L	d SGCNP	d SUCNP	SGCNP Unit Price 1 ~ 9 pc(s).	SGCNP Volume Discount Rate 10 ~ 30 pcs.	SUCNP Unit Price 1 ~ 19 pc(s).	SUCNP Volume Discount Rate 20 ~ 50 pcs.
SGCNP SUCNP	6A	1/8	10.5	24	6.5	6.5				
	8A	1/4	13.8	26	8.7	9.7				
	10A	3/8	17.3	28	12.1	13.1				
	15A	1/2	21.7	34	15.8	15.5				
	20A	3/4	27.2	38	21.6	21.3				
	25A	1	34	42	27.8	28.1				

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

Steel Pipe Fittings
Hex Nipples

Type	Material	Surface Treatment
SGCNR	EN-JM 1010 Equiv.	Hot Zinc Plating
SUCNR	EN 1.4308 Equiv.	-



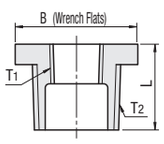
Allowable temperature: 150°C

Part Number Type	No.	R (PT)	B	L SGCNR	L SUCNR	(ℓ) SGCNR	(ℓ) SUCNR	d SGCNR	d SUCNR	SGCNR Unit Price 1 ~ 9 pc(s).	SGCNR Volume Discount Rate 10 ~ 30 pcs.	SUCNR Unit Price 1 ~ 19 pc(s).	SUCNR Volume Discount Rate 20 ~ 50 pcs.
SGCNR SUCNR	8A	1/4	17	34	34	12.5	12	7	7				
	10A	3/8	21	36	36	13	13	9	9				
	15A	1/2	26	43	42	16.5	16	13	13				
	20A	3/4	32	48	47	18.5	18	18	16				
	25A	1	38	52	52	20	20	24	22				

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

Steel Pipe Fittings
Bushings

Type	Material	Surface Treatment
SGCPB	EN-JM 1010 Equiv.	Hot Zinc Plating
SUCPB	EN 1.4308 Equiv.	-



Allowable temperature: 150°C

Part Number Type	No.	Rc (PT) T1	R (PT) T2	L	B	SGCPB Unit Price 1 ~ 9 pc(s).	SGCPB Volume Discount Rate 10 ~ 30 pcs.	SUCPB Unit Price 1 ~ 19 pc(s).	SUCPB Volume Discount Rate 20 ~ 50 pcs.
SGCPB SUCPB	12	1/8	1/4	17	17				
	13	1/8	3/8	18	21				
	23	1/4	3/8	18	21				
	24	1/4	1/2	21	26				
	34	3/8	1/2	21	26				
	36	3/8	3/4	24	32				
	46	1/2	3/4	24	32				

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

Ordering Example

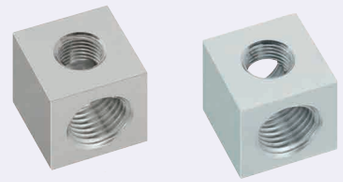
Part Number
SGCEL25A
SGCPP20A

Cautions

1. Not applicable to steam plumbing.
2. Once fittings are used, the function of the thread coating resin is impaired. Thus, Wrap seal tape around fittings before use.

Thread Conversion Fittings

L-Shaped / T-Shaped



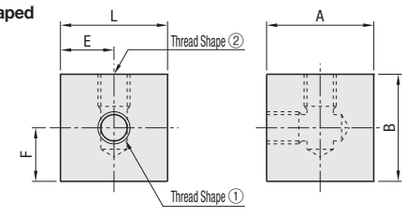
RoHS10

Type L-Shaped	Type T-Shaped	Material	Surface Treatment	Max. Operating Pressure
APBLM	APBTM	EN 1.0038 Equiv.	Electroless Nickel Plating	20.6MPa
APBLS	APBTS	EN 1.4301 Equiv.	-	
APBLA	APBTA	Aluminum Alloy 5000 series	-	1MPa

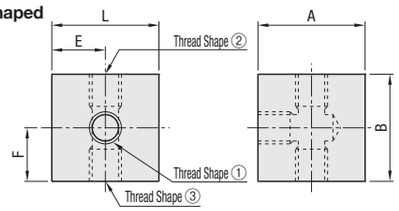
Thread JIS B 0203 R (PT)
JIS B 0202 G (PF): ISO 228-1 Interchangeable
ANSI/ASME B.1.20.1-1983 (NPT)

6.3

L-Shaped



T-Shaped



L-Shaped

Part Number Type	Thread Shape①	No.	T (PT) G (PF) N (NPT)	Thread Shape②	No.	T (PT) G (PF) N (NPT)	L	A	B	E	F	Unit Price APBLM	Unit Price APBLS	Unit Price APBLA
APBLM (EN 1.0038 Equiv.) APBLS (EN 1.4301 Equiv.) APBLA (Aluminum Alloy 5000 series)	T (PT) G (PF) N (NPT)	1	1/8	-	M5	-	25	25 (30)	25 (30)	12.5	12.5 (15)			
				T (PT) G (PF) N (NPT)	1	1/8	25	25 (30)	25 (30)	12.5	12.5 (15)			
					2	1/4	30	30	30	15	15			
		2	1/4	-	M5	-	30	30	30	15	15			
				T (PT) G (PF) N (NPT)	1	1/8	30	30	30	15	15			
					2	1/4	35	35 (40)	35 (40)	17.5	17.5 (20)			
					3	3/8	40	40	40	20	20			
		3	3/8		2	1/4	40	40	40	20	20			
					3	3/8	40	40	40	20	20			
					4	1/2	50	50	50	25	25			
		4	1/2		3	3/8	50	50	50	25	25			
					4	1/2	50	50	50	25	25			

Dimensions in ( ) are applicable to EN 1.4301 Equiv.

T-Shaped

Part Number Type	Thread Shape①	No.	T (PT) G (PF) N (NPT)	Thread Shape②	No.	T (PT) G (PF) N (NPT)	Thread Shape③	No.	T (PT) G (PF) N (NPT)	L	A	B	E	F	Unit Price APBTM	Unit Price APBTS	Unit Price APBTA
APBTM (EN 1.0038 Equiv.) APBTS (EN 1.4301 Equiv.) APBTA (EN AW-5052 Equiv.)	T (PT) G (PF) N (NPT)	1	1/8	-	M5	-	-	M5	-	25	25 (30)	25 (30)	12.5	12.5 (15)			
				T (PT) G (PF) N (NPT)	1	1/8	T (PT) G (PF) N (NPT)	1	1/8	25	25 (30)	25 (30)	12.5	12.5 (15)			
					2	1/4		1	1/8	30	30	30	15	15			
								2	1/4	30	30	30	15	15			
		2	1/4	-	M5	-	-	M5	-	30	30	30	15	15			
				T (PT) G (PF) N (NPT)	1	1/8	T (PT) G (PF) N (NPT)	1	1/8	30	30	30	15	15			
					2	1/4		1	1/8	30	30	30	15	15			
								2	1/4	35	35 (40)	35 (40)	17.5	17.5 (20)			
					3	3/8		2	1/4	40	40	40	20	20			
								3	3/8	40	40	40	20	20			
		3	3/8		2	1/4		1	1/8	40	40	40	20	20			
								2	1/4	40	40	40	20	20			
					3	3/8		2	1/4	40	40	40	20	20			
								3	3/8	40	40	40	20	20			
					4	1/2		3	3/8	50	50	50	25	25			
								4	1/2	50	50	50	25	25			
		4	1/2		3	3/8		2	1/4	50	50	50	25	25			
								3	3/8	50	50	50	25	25			
					4	1/2		3	3/8	50	50	50	25	25			
								4	1/2	50	50	50	25	25			

Dimensions in ( ) are applicable to EN 1.4301 Equiv.

Ordering Example

Part Number	-	Thread Shape①	-	Thread Shape②	-	Thread Shape③
APBLM	-	T1	-	T2		
APBTA	-	T1	-	M5	-	M5