

Low Pressure Steel Pipe Fittings (Unequal Size Pipe Threads)

Reducing Sockets / Reducing Nipples / Stepped Elbows / Reducing Tees / Bushings

Pipes / Fittings / Hoses / Valves

Low Pressure Steel Pipe Fittings – Reducing Sockets

Type	Material	Surface Treatment
SGPSD	FCMB270	Hot Zinc Plating
SUTSD	CF-8 Stainless Steel Cast	—

SGPSD

SUTSD

RoHS10

Low Pressure Steel Pipe Fittings – Reducing Nipples

Type	Material
STUNPS	CF-8 Stainless Steel Cast
STUNPSS	CF-8M Stainless Steel Cast

RoHS10

Low Pressure Steel Pipe Fittings – Stepped Elbows

Type	Material	Surface Treatment
SGPED	FCMB270	Hot Zinc Plating
SUTED	CF-8 Stainless Steel Cast	—

RoHS10

Low Pressure Steel Pipe Fittings – Reducing Tees

Type	Material	Surface Treatment
SGPPTD	FCMB270	Hot Zinc Plating
SUTPTD	CF-8 Stainless Steel Cast	—

RoHS10

Low Pressure Steel Pipe Fittings – Bushings

Type	Material	Surface Treatment
SGPPB	FCMB270	Hot Zinc Plating
SUTPB	CF-8 Stainless Steel Cast	—

RoHS10

Part Number	RC (PT)	L	(D ₁)	(D ₂)	(D ₃)	(a)	(b)	L	(D ₁)	(D ₂)	(a)	(b)	
Type	No.	T ₁	T ₂	SGPSD				SUTSD					
12	1/8	1/4	25	22	18	—	—	25	19	15	4	8	
13	1/8	3/8	26	26	18	—	—	28	23	19	5	9	
23	1/4	3/8	26	23	19	—	—	28	23	19	5	9	
24	1/4	1/2	34	27	19	—	—	34	27	23	5	11	
34	3/8	1/2	34	27	23	—	—	34	27	23	5	11	
36	3/8	3/4	38	33	23	—	—	38	33	27	6	12	
46	1/2	3/4	38	34	28	38	6	18	38	33	27	6	12
48	1/2	1	43	42	28	46	7	20	42	41	33	6	14
68	3/4	1	43	42	34	46	8	20	42	41	33	6	14

Ⓢ SGPSD12-36 and SUTSD13 have no claws.

Part Number	R (PT)	B	L	(A)	(L ₁)	(L ₂)	(d ₁)	(d ₂)	B	L	(A)	(L ₁)	(L ₂)	(d ₁)	(d ₂)	
Type	No.	T ₁	T ₂	STUNPS								STUNPSS				
12	1/4	1/8	17	33	10	12	11	7	5	16	28	8	12	8	7.5	5
13	3/8	1/8	21	34	10	13	11	9	5	19	29	8	13	8	11	5
23	3/8	1/4	21	35	10	13	12	9	7	19	33	8	13	12	11	7.5
24	1/2	1/4	26	38	10	16	12	13	7	24	36	8	16	12	14.5	7.5
34	1/2	3/8	26	39	10	16	13	13	9	24	37	8	16	13	14.5	11
36	3/4	3/8	32	42	11	18	13	16	9	29	39	8	18	13	20	11
46	3/4	1/2	32	45	11	18	16	16	13	29	42	8	18	16	20	14.5
48	1	1/2	38	48	12	20	16	22	13	36	45	8	21	16	25.5	14.5
68	1	3/4	38	50	12	20	18	22	16	36	47	8	21	18	25.5	20

Part Number	Rc (PT)	(D ₁)	(D ₂)	(L ₁)	(L ₂)	W	H	(D ₁)	(D ₂)	(L ₁)	(L ₂)	W	H	
Type	No.	T ₁	T ₂	SGPED				SUTED						
24	1/4	1/2	19	27	33.5	37.5	24	24	22	30	35	39	24	24
34	3/8	1/2	23	27	36.5	39.5	26	25	26	30	39	40	25	26
36	3/8	3/4	23	33	39.5	44.5	28	28	26	36	41	46	28	28
46	1/2	3/4	27	33	43.5	45.5	29	30	30	36	44	48	30	29
48	1/2	1	27	41	45.5	53.5	33	32	30	44	47	55	32	33
68	3/4	1	33	41	50.5	56	35	34	36	44	52	57	35	34

Part Number	Rc (PT)	(L)	A	B	(L)	A	B	
Type	No.	T ₁	T ₂	SGPPTD		SUTPTD		
24	1/4	1/2	37.5	24	24	39	24	24
34	3/8	1/2	38.5	26	25	40	26	25
36	3/8	3/4	44.5	28	28	46	28	28
46	1/2	3/4	46.5	29	30	48	29	30

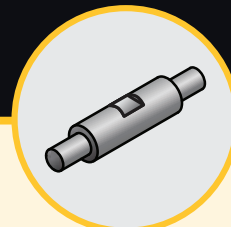
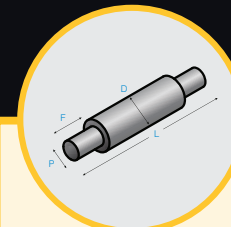
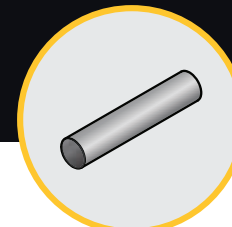
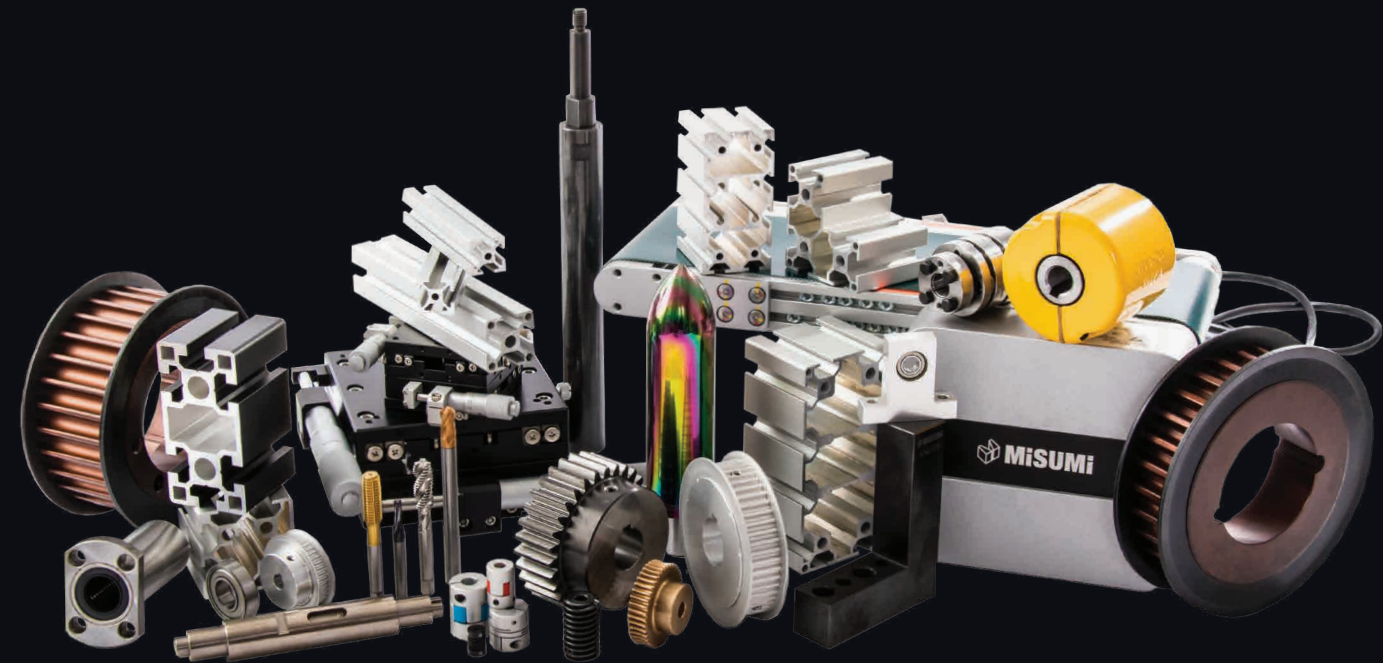
Part Number	Rc (PT)	R (PT)	L	B	
Type	No.	T ₁	T ₂		
12	1/8	1/4	17	17	
13	1/8	3/8	18	21	
14	1/8	1/2	21	26	
23	1/4	3/8	18	21	
24	1/4	1/2	21	26	
26	1/4	3/4	24	32	
28	1/4	1	27	38	
34	3/8	1/2	21	26	
36	3/8	3/4	24	32	
38	3/8	1	27	38	
46	1/2	3/4	24	32	
48	1/2	1	27	38	
68	3/4	1	27	38	
610	3/4	1 1/4	30	46	
810	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.

Operating Conditions of Joints	
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

*Pulsating Water is a stream of water that is generated under steady operating conditions and variation of pressure and flow rate occurs in cycles. (Except for transitional change)
 *Static Flow Water is a non-pulsating stream of water.
 *As fittings are cast products, () dimensions such as (D) and (T) are for reference, not guaranteed.

MISUMI: CONFIGURED TO SAVE TIME



STANDARD

Off the shelf, stock materials

- Limited Selection
- Compromised Design
- + 3D Model
- + Part Number
- + Low Cost
- + Convenient

CUSTOM

Customization at a machine shop

- Create a CAD model
- Create a Manufacturing Drawing
- Long Quote Time
- Setup Charge
- Expensive
- Long Delivery
- + Uncompromised Design

CONFIGURABLE

MISUMI offers a 3rd choice combining the best of both

- MISUMI offers:**
- + Convenience
 - + Unlimited Selection
 - + Uncompromised Design
 - + 3D Model
 - + Global Part Number
 - + Low Cost
 - + Reliable Delivery

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