

Copper Pipes / Copper Pipe Fittings

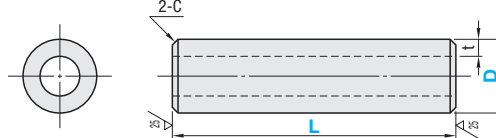
Copper Pipe Fittings

Copper Pipes



RoHS 10

Type	Material	Standards
DKE	Copper Phosphate (EN CW024A Equiv.)	JIS H :3300



2-C

✓(25/)

Part Number		L		Unit Price					
Type	D	1mm Increment	t	L10 ~100	L101 ~200	L201 ~400	L401 ~600	L601 ~800	L801 ~1000
DKE	3	10~250	1						
	4								
	5	10~500							
	6								
	8								
	10								
	12	10~900	1.5						
	14								
	15								
	16								
	18	10~1000	2						

Tolerance for D dimension and L dimension

or more	or less	D	L
3	6	±0.1	±0.1
7	30	±0.2	±0.2
31	120	±0.3	±0.3
121	400	±0.5	±0.5
401	1000	±0.8	±0.8

C Dimension

or more	or less	C
D3	D12(D2.7)	0.3
D14	D18	0.5

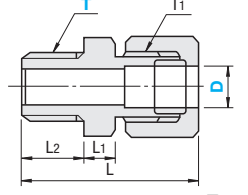
Ordering Example
Part Number - L
DKE10 - 300

Copper Pipe Fittings
Male Threaded Connector



RoHS 10

DKPT



Material: Brass

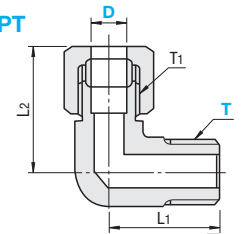
Part Number	TR (PT)	TR (PT)	Approx. L	L1	L2	T1G (PF)	Square Main Body	Nut	Unit Price
Type	Selection								
DKPT	1	1/8	28	5	9	1/8	12	12	
	2	1/4	32	6	12	1/8	14	12	
	1	1/8	28	5	9	1/8	12	12	
	2	1/4	32	6	12	1/8	14	12	
	1	1/8	28	5	9	1/8	12	12	
	2	1/4	32	6	12	1/8	14	12	
	1	1/8	33	6	9	1/4	14	16	
	2	1/4	36	6	12	1/4	16	16	
	3	3/8	39	8	13	1/4	19	16	
	1	1/8	33	6	9	1/4	14	16	
	2	1/4	36	6	12	1/4	16	16	
	3	3/8	39	8	13	1/4	19	16	
	1	1/4	40	8	12	3/8	19	19	
	2	3/8	41	8	13	3/8	19	19	
	4	1/2	46	10	16	3/8	22	19	
	2	1/4	46	10	12	1/2	22	24	
	3	3/8	47	10	13	1/2	22	24	
	4	1/2	50	10	16	1/2	24	24	
	3	3/8	48	10	13	1/2	22	24	
	4	1/2	51	10	16	1/2	24	24	
	3	3/8	50	10	13	5/8	24	27	
	4	1/2	54	11	16	5/8	27	27	
	3	3/8	50	10	13	5/8	24	27	
	4	1/2	54	11	16	5/8	27	27	

Copper Pipe Fittings
Male Threaded Elbow Connector



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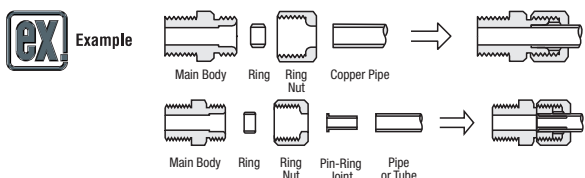
DKLPT



Material: Brass

Part Number	TR (PT)	TR (PT)	L1	Approx. L2	T1G (PF)	Square Main Body	Nut	Unit Price
Type	Selection							
DKLPT	1	1/8	20	25	1/8	12	12	
	2	1/4	25	27	1/8	16	12	
	1	1/8	20	25	1/8	12	12	
	2	1/4	25	27	1/8	16	12	
	1	1/8	22	31	1/4	16	16	
	2	1/4	25	27	1/8	16	12	
	1	1/8	22	31	1/4	16	16	
	2	1/4	25	31	1/4	16	16	
	3	3/8	28	33	1/4	19	16	
	1	1/8	22	31	1/4	16	16	
	2	1/4	25	31	1/4	16	16	
	3	3/8	28	33	1/4	19	16	
	2	1/4	27	35	3/8	19	19	
	3	3/8	28	35	3/8	19	19	
	4	1/2	34	38	3/8	24	19	
	2	1/4	30	42	1/2	24	24	
	3	3/8	31	42	1/2	24	24	
	4	1/2	34	42	1/2	24	24	
	3	3/8	31	43	1/2	24	24	
	4	1/2	34	43	1/2	24	24	
	3	3/8	31	45	5/8	24	27	
	4	1/2	34	45	5/8	24	27	
	3	3/8	31	45	5/8	24	27	
	4	1/2	34	45	5/8	24	27	

Ordering Example
Part Number - T
DKPT8 - 2



- Pin-Ring Joint is available when thin metal pipes and hard tubes are used with Copper Pipe Fittings. **P-1294**
- Set a ring nut and a ring in a joint pipe, insert the pipe into the main body all the way until the pipe end touches the pipe stopper and tighten the nut by hand. Afterwards use a wrench or a spanner for further tightening.
- As annealed copper pipes are soft, use Annealed Copper Pipe Fittings, instead of this Ring Type coupling. **P-1296**

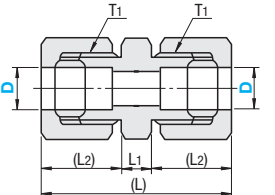
Fitting Specifications	Applicable Fluids	Air, Water, Industrial Oil
	Normal Operating Pressure	3.5MPa
	Max. Operating Pressure	7.0MPa
	Operating Temperature Range	-20 ~ 150°C (No Freezing)

Copper Pipe Fittings Union



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DKUS



Material: Brass

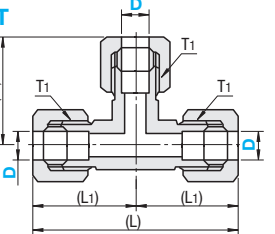
Part Number	(L)	L1	(L2)	T1G (PF)	Square Main Body	Nut	Unit Price
Type	Applicable Pipe O.D. D						
DKUS	3	33	5	14.0	1/8	12	12
	4	33	5	14.0	1/8	12	12
	5	33	5	14.0	1/8	12	12
	6	41	6	17.5	1/4	16	16
	8	41	6	17.5	1/4	16	16
	10	48	8	20.0	3/8	19	19
	12	58	10	24.0	1/2	24	24
	14	60	10	25.0	1/2	24	24
	15	65	11	27.0	5/8	27	27
	16	65	11	27.0	5/8	27	27

Copper Pipe Fittings Union Tees



RoHS 10

DKUT



Material: Brass

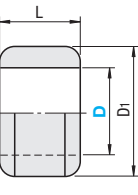
Part Number	(L)	(L1)	T1G (PF)	Square Main Body	Nut	Unit Price
Type	Applicable Pipe O.D. D					
DKUT	3	50	25	1/8	12	12
	4	50	25	1/8	12	12
	5	50	25	1/8	12	12
	6	62	31	1/4	16	16
	8	62	31	1/4	16	16
	10	70	35	3/8	19	19
	12	84	42	1/2	24	24

Copper Pipe Fittings Gland Ring



RoHS 10

DKRG



Material: Brass

Part Number	D1	L	Unit Price	Volume Discount Rate
Type	Applicable Pipe O.D. D		1 ~ 9 pcs(s).	10~20 pcs.
DKRG	3	5	5	
	4	6	5	
	5	7	5.5	
	6	8.5	7	
	8	10.5	7.5	
	10	12.5	8.5	
	12	15	10	
	14	17	11	
	15	18	11.5	
	16	19	12	

Ordering Example
Part Number - T
DKUS3 DKUT8 - 2

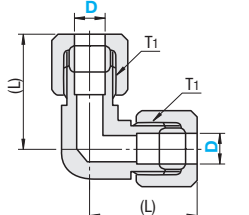
For orders larger than indicated quantity, please check with WOS.

Copper Pipe Fittings Union Elbow Connectors



RoHS 10

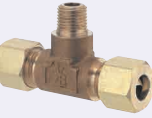
DKUE



Material: Brass

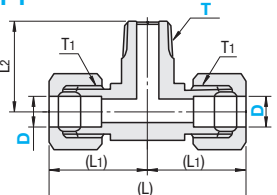
Part Number	(L)	T1G (PF)	Square Main Body	Nut	Unit Price
Type	Applicable Pipe O.D. D				
DKUE	3	25	1/8	12	12
	4	25	1/8	12	12
	5	25	1/8	12	12
	6	31	1/4	16	16
	8	31	1/4	16	16
	10	35	3/8	19	19
	12	42	1/2	24	24
	14	43	1/2	24	24
	15	45	5/8	24	27
	16	45	5/8	24	27

Copper Pipe Fittings Male Threaded Tee



RoHS 10

DKUPT



Material: Brass

Part Number	TR (PT)	TR (PT)	(L)	(L1)	L2	T1G (PF)	Square Main Body	Nut	Unit Price
Type	Selection								
DKUPT	1	1/8	50	25	20	1/8	12	12	
	2	1/4	54	27	25	1/8	16	12	
	1	1/8	50	25	20	1/8	12	12	
	2	1/4	54	27	25	1/8	16	12	
	1	1/8	62	31	22	1/4	16	16	
	2	1/4	62	31	25	1/4	16	16	
	3	3/8	66	33	28	1/4	19	16	
	1	1/8	62	31	22	1/4	16	16	
	2	1/4	62	31	25	1/4	16	16	
	3	3/8	66	33	28	1/4	19	16	
	1	1/4	70	35	27	3/8	19	19	
	2	3/8	70	35	28	3/8	19	19	
	3	1/2	76	38	34	3/8	24	19	
	4	3/8	84	42	31	1/2	24	24	
	3	3/8	84	42	31	1/2	24	24	
	4	1/2	84	42	34	1/2	24	24	

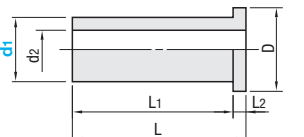
The PT thread size marked on the copper pipe fitting body might be different from actual size.

Pin-Ring Joints



RoHS 10

DKPRJ



Material: Brass

Part Number	d1	d2	D	L	L1	L2	Unit Price	Volume Discount Rate
Type							1 ~ 4 pcs(s).	5~20 pcs.
DKPRJ	4	3.0	6.0	15.0	14.0	1.0		
	6	4.5	8.0	16.0	15.0	1.0		
	8	6.0	10.0	19.0	17.5	1.5		
	10	8.0	12.0	22.0	20.0	2.0		

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

Fitting Specifications	Applicable Fluids	Air, Water, Industrial Oil
	Normal Operating Pressure	3.5MPa
	Max. Operating Pressure	7.0MPa
	Operating Temperature Range	-20 ~ 150°C (No Freezing)