

Copper Pipes / Copper Pipe Fittings

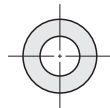
Copper Pipe Fittings

Copper Pipes



RoHS 10

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



✓ (25/25)

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

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

Ordering Example: Part Number DKE10 - L 300

C Dimension

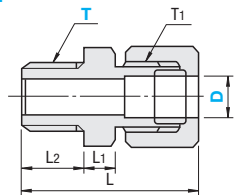
or more	or less	C
D3	D12 (12.7)	0.3
D14	D18	0.5

Copper Pipe Fittings Male Threaded Connector



RoHS 10

DKPT



Ring included (part number: DKRG) Material: Brass

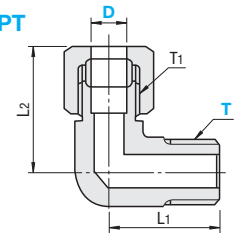
Part Number	TR (PT)	TR (PT)	Approx. L	L1	L2	T1G (PF)	Square Main Body	Nut	Unit Price
Type	Applicable Pipe O.D. D	Selection							
DKPT	3	1	1/8	28	5	9	1/8	12	12
	4	2	1/4	32	6	12	1/8	14	12
	5	1	1/8	28	5	9	1/8	12	12
	6	2	1/4	32	6	12	1/8	14	12
	8	1	1/8	28	5	9	1/8	12	12
	10	2	1/4	32	6	12	1/8	14	12
	12	3	3/8	39	8	13	1/4	19	16
	14	4	1/2	46	10	16	3/8	24	24
	15	3	3/8	41	8	13	3/8	19	19
	16	4	1/2	54	11	16	5/8	27	27
	18	5	5/8	61	13	19	3/4	31	31
	20	6	3/4	68	15	22	1	36	36
	22	7	1	75	17	25	1 1/8	41	41
	24	8	1 1/8	82	19	28	1 1/2	46	46
	26	9	1 3/8	90	21	31	1 3/4	51	51
	28	10	1 7/8	98	23	34	2	56	56
	30	11	2	106	25	37	2 1/4	61	61
	32	12	2 1/4	114	27	40	2 1/2	66	66
	34	13	2 3/4	122	29	43	2 7/8	71	71
	36	14	3	130	31	46	3	76	76

Copper Pipe Fittings Male Threaded Elbow Connector



RoHS 10

DKLPT



Ring included (part number: DKRG) Material: Brass

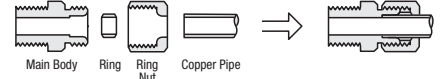
Part Number	TR (PT)	TR (PT)	Approx. L	L1	L2	T1G (PF)	Square Main Body	Nut	Unit Price
Type	Applicable Pipe O.D. D	Selection							
DKLPT	3	1	1/8	20	25	1/8	12	12	
	4	2	1/4	25	27	1/8	16	12	
	5	1	1/8	20	25	1/8	12	12	
	6	2	1/4	25	27	1/8	16	12	
	8	1	1/8	20	25	1/8	12	12	
	10	2	1/4	25	27	1/8	16	12	
	12	3	3/8	28	31	1/4	16	16	
	14	4	1/2	34	38	3/8	24	19	
	16	5	5/8	41	46	1/2	24	24	
	18	6	3/4	48	54	1/2	24	24	
	20	7	1	55	61	1/2	24	24	
	22	8	1 1/8	62	68	1/2	24	24	
	24	9	1 1/4	70	76	1/2	24	24	
	26	10	1 3/8	78	84	1/2	24	24	
	28	11	1 7/8	85	91	1/2	24	24	
	30	12	2	93	99	1/2	24	24	
	32	13	2 1/4	100	106	1/2	24	24	
	34	14	2 3/4	108	114	1/2	24	24	
	36	15	3	116	122	1/2	24	24	
	38	16	3 1/4	124	130	1/2	24	24	

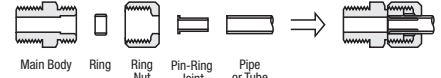
Ordering Example

Part Number - T

DKPT8 - 2

Example





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

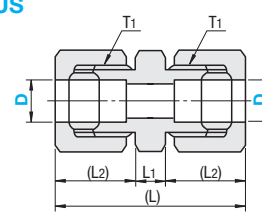
Fitting Specifications	Applicable Fluids	Air, Water, Industrial Oil
	Normal Operating Pressure	3.5MPa
	Max. Operating Pressure	7.0MPa
	Operating Temperature Range	-20 ~ 150°C (No Freezing)

Copper Pipe Fittings Union



RoHS 10

DKUS



Ring included (part number: DKRG) Material: Brass

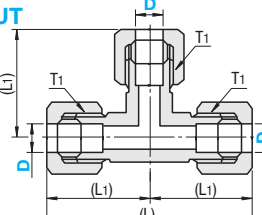
Part Number	(L)	L1	(L2)	T1G (PF)	Square Main Body	Nut	Unit Price
Type	Applicable Pipe O.D. D						
DKUS	3	33	5	14.0	1/8	12	12
	4	33	5	14.0	1/8	12	12
	5	33	5	14.0	1/8	12	12
	6	41	6	17.5	1/4	16	16
	8	41	6	17.5	1/4	16	16
	10	48	8	20.0	3/8	19	19
	12	58	10	24.0	1/2	24	24
	14	60	10	25.0	1/2	24	24
	15	65	11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

Copper Pipe Fittings Union Tees



RoHS 10

DKUT



Ring included (part number: DKRG) Material: Brass

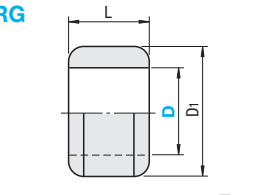
Part Number	(L)	(L1)	T1G (PF)	Square Main Body	Nut	Unit Price
Type	Applicable Pipe O.D. D					
DKUT	3	50	25	1/8	12	12
	4	50	25	1/8	12	12
	5	50	25	1/8	12	12
	6	62	31	1/4	16	16
	8	62	31	1/4	16	16
	10	70	35	3/8	19	19

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 pc(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

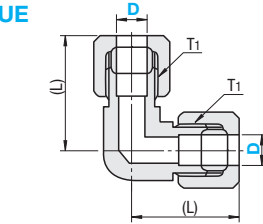
For orders larger than indicated quantity, please check with WOS.

Copper Pipe Fittings Union Elbow Connectors



RoHS 10

DKUE



Ring included (part number: DKRG) Material: Brass

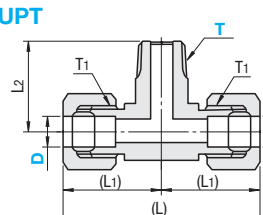
Part Number	(L)	T1G (PF)	Square Main Body	Nut	Unit Price
Type	Applicable Pipe O.D. D				
DKUE	3	25	1/8	12	12
	4	25	1/8	12	12
	5	25	1/8	12	12
	6	31	1/4	16	16
	8	31	1/4	16	16
	10	35	3/8	19	19
	12	42	1/2	24	24
	14	43	1/2	24	24
	15	45	5/8	24	27
	16	45	5/8	24	27

Copper Pipe Fittings Male Threaded Tee



RoHS 10

DKUPT



Ring included (part number: DKRG) Material: Brass

Part Number	TR (PT)	TR (PT)	(L)	(L1)	(L2)	T1G (PF)	Square Main Body	Nut	Unit Price
Type	Applicable Pipe O.D. D	Selection							
DKUPT	4	1	1/8	50	25	20	1/8	12	12
	5	2	1/4	54	27	25	1/8	16	12
	6	1	1/8	50	25	20	1/8	12	12
	8	2	1/4	54	27	25	1/8	16	12
	10	3	3/8	66	33	28	1/4	19	16
	12	4	1/2	76	38	34	3/8	24	19
	14	5	5/8	84	42	38	1/2	24	24
	16	6	3/4	92	50	46	1/2	24	24
	18	7	1	100	58	54	1/2	24	24
	20	8	1 1/8	108	66	62	1/2	24	24
	22	9	1 1/4	116	74	70	1/2	24	24
	24	10	1 1/2	124	82	78	1/2	24	24

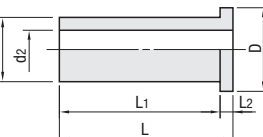
The PT thread size marked on the copper pipe fitting body might be different from actual size.

Pin-Ring Joints



RoHS 10

DKPRJ



Material: Brass

Part Number	d1	d2	D	L	L1	L2	Unit Price	Volume Discount Rate
Type							1 ~ 4 pc(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)