


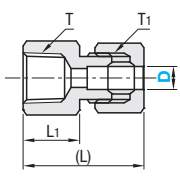
# Copper Pipe Fittings / Needle Valves for Copper Pipes

Note that, for some of the types shown here, order might be unable to be received by the MISUMI Indonesia offices.

# Annealed Copper Pipes / Annealed Copper Pipe Fittings

**Copper Pipe Fittings**  
Female Threaded Connector

**DKFR**


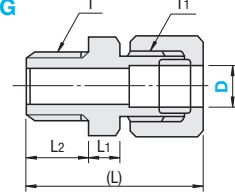



RoHS 10 Ring included (part number: DKRG) Material: Brass

Part Number	T	R (PT)	(L)	L1	T1	Square	Unit Price
Type	Applicable Pipe O.D. D				G (PF)	Main Body Nut	
3	1/8	26	12	1/8	14	12	
4	1/8	26	12	1/8	14	12	
5	1/8	26	12	1/8	14	12	
6	1/4	33	15	1/4	17	16	
8	1/4	33	15	1/4	17	16	
10	3/8	39	19	3/8	22	19	
12	1/2	46	22	1/2	27	24	

**Copper Pipe Fittings**  
Male Threaded Connector (G Thread Type)

**DKPG**


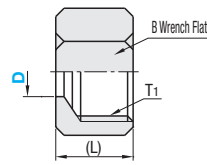



RoHS 10 Ring included (part number: DKRG) Material: Brass

Part Number	T	R (PT)	(L)	L1	L2	T1	Square	Unit Price
Type	Applicable Pipe O.D. D					G (PF)	Main Body Nut	
3	1/8	25.5	5	6.5	1/8	12	12	
4	1/8	25.5	5	6.5	1/8	12	12	
5	1/8	25.5	5	6.5	1/8	12	12	
6	1/4	32.5	6	8.5	1/4	16	16	
8	1/4	32.5	6	8.5	1/4	16	16	
10	3/8	38.0	8	10.0	3/8	19	19	
12	1/2	46.0	10	12.0	1/2	24	24	

**Copper Pipe Fittings**  
Ring Nut

**DKRGN**


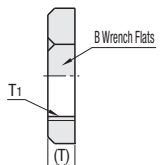



Material: Brass

Part Number	T1	(L)	B Wrench Flats	Unit Price
Type	Applicable Pipe O.D. D	G (PF)		
6	1/4	13	16	
8	1/4	14	16	
10	3/8	16	19	
12	1/2	19.5	24	
15	5/8	21	27	

**Copper Pipe Fittings**  
Lock Nut

**DKRKN**


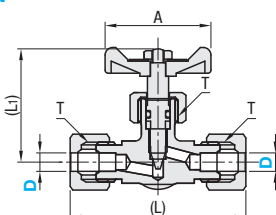



Material: Brass

Part Number	T1	(T)	B Wrench Flats	Unit Price
Type	No.	G (PF)		
1	1/8	4	12	
2	1/4	5	16	
3	3/8	6	19	
4	1/2	7	24	

**Needle Valves**  
for Copper Pipes

**DKVBN**

RoHS 10

Part Number	T	A	(L)	(L1)	Square	Unit Price
Type	Applicable Pipe O.D. D	G (PF)			Main Body Nut	
6	1/4	35	60	42	12	16
8	1/4	35	60	49	14	16
10	3/8	45	70	58	17	19
12	1/2	55	84	78	23	24

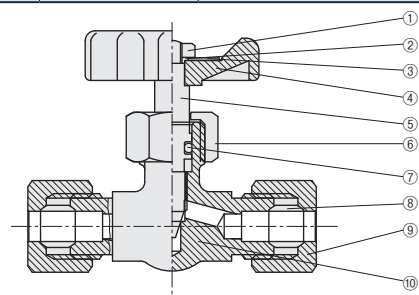
**Fitting Specifications**

Applicable Fluids	Air, Water, Industrial Oil
Normal Operating Pressure	3.5MPa
Max. Operating Pressure	7.0MPa
Operating Temperature Range	-20 ~ 100°C (No Freezing)

Ordering Example Part Number  
DKFR3 DKVBN8


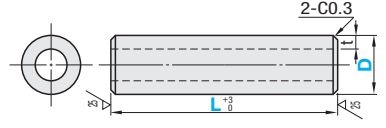
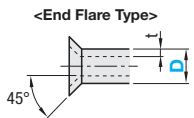
**Parts and Materials for DKVBN**

No.	Part Name	Material
①	Wheel Tightening Nut	Free-Cutting Brass
②	Washer	JIS G3506 SWRH82A
③	Rotation Indicator	JIS H4000 A1070P
④	Handle	Aluminum Die Casting
⑤	Stem	Free-Cutting Brass
⑥	Gland Nut	Free-Cutting Brass
⑦	O-Ring	NBR
⑧	Ring	Free-Cutting Brass
⑨	Ring Nut	Free-Cutting Brass
⑩	Main Body	Brass for casting



**Annealed Copper Pipes**

**DKEN**  
**DKENF** (End Flare Type)

Material: Copper Phosphate (C1220)


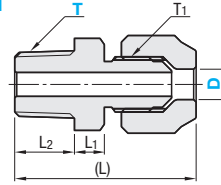
Part Number	D	L Selection	t	DKEN Unit Price				DKENF Unit Price						
				L100	L200	L300	L500	L100	L200	L300	L500			
DKEN DKENF	3	100 200 300	1											
	4													
	5													
	6	100 200 300 500												
	8													
	10													

DKEN is shipped unrolled and may arrive a little distorted.  
When DKEN and Annealed Copper Pipe Fittings are combined, expand the pipe end to 45° using the flare ring tool.

Ordering Example Part Number - L  
DKEN8 - 300

**Annealed Copper Pipe Fittings**  
- Straight

**DKNT**


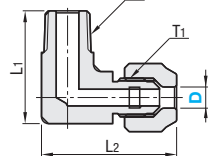



Material: Brass

Part Number	D	R (PT)	T	(L)	L1	L2	T1	Square	Unit Price
Type		T Selection	R (PT)				Unify Fine Thread	Main Body Nut	
DKNT	6	1	1/8	34	6	9	7/16-20UNF	16	17
		2	1/4	37	6	12	7/16-20UNF	16	17
		3	3/8	40	8	13	7/16-20UNF	19	17
	8	1	1/8	35	6	9	1/2-20UNF	16	19
		2	1/4	38	6	12	1/2-20UNF	16	19
		3	3/8	41	8	13	1/2-20UNF	19	19
10	2	1/4	43	8	12	5/8-18UNF	19	22	
	3	3/8	44	8	13	5/8-18UNF	19	22	
	4	1/2	49	10	16	5/8-18UNF	22	22	

**Annealed Copper Pipe Fittings**  
- Elbow

**DKNTL**


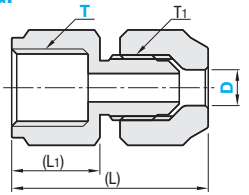



Material: Brass

Part Number	D	R (PT)	T	(L)	Approx. L2	T1	Square	Unit Price
Type		T Selection	R (PT)			Unify Fine Thread	Main Body Nut	
DKNTL	6	1	1/8	22	32	7/16-20UNF	16	17
		2	1/4	25	32	7/16-20UNF	16	17
		3	3/8	28	34	7/16-20UNF	19	17
	8	1	1/8	22	33	1/2-20UNF	16	19
		2	1/4	25	33	1/2-20UNF	16	19
		3	3/8	28	35	1/2-20UNF	19	19
10	2	1/4	27	38	5/8-18UNF	19	22	
	3	3/8	28	38	5/8-18UNF	19	22	
	4	1/2	34	41	5/8-18UNF	24	22	

**Annealed Copper Pipe Fittings**  
- Female Threaded Connector (G Thread Type)

**DKFGF**

Material: Brass

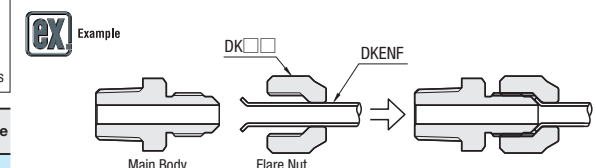
Part Number	T	(L)	(L1)	T1	Square	Unit Price
Type	D	G (PF)		Unify Fine Thread	Main Body Nut	
6	1/4	34	15	7/16-20UNF	17	17
8	1/4	35	15	1/2-20UNF	17	19
10	3/8	42	19	5/8-18UNF	22	22

Ordering Example Part Number - T  
DKNT8 DKFGF6

**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)

**Features:** Suitable for plumbing that requires air tightness such as refrigerant gas pipe.



Align the coupling body to the copper pipe, end to end, hand tighten the flare nut, then tighten it securely with using a wrench and an adjustable spanner.