

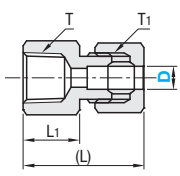
Copper Pipe Fittings / Needle Valves for Copper Pipes

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

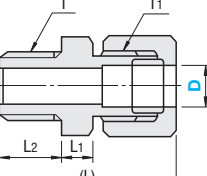
Material: Brass

RoHS10

Part Number	Type	Applicable Pipe O.D. D	T R (PT)	(L)	L1	T1 G (PF)	Square Main Body	Nut	Unit Price
3	DKFR	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

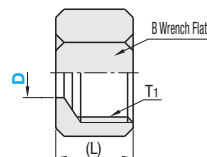
Material: Brass

RoHS10

Part Number	Type	Applicable Pipe O.D. D	T G (PF)	(L)	L1	L2	T1 G (PF)	Square Main Body	Nut	Unit Price
3	DKPG	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

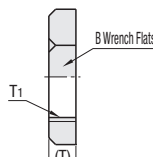



Material: Brass

Part Number	Type	Applicable Pipe O.D. D	T1 G (PF)	(L)	B Wrench Flats	Unit Price
6	DKRGN	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

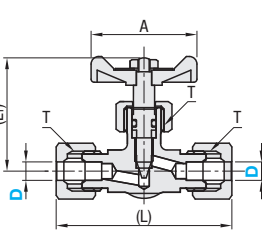



Material: Brass

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

Needle Valves
for Copper Pipes

DKVBN

Material: Brass

RoHS10

Part Number	Type	Applicable Pipe O.D. D	T G (PF)	A	(L)	(L1)	Square Main Body	Nut	Unit Price
6	DKVBN	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		

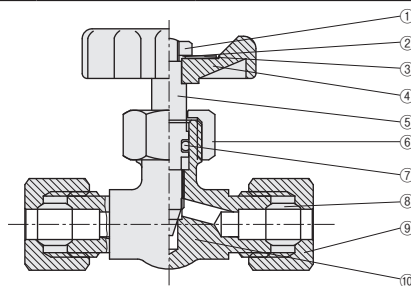
Fitting Specifications

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
DKPG8

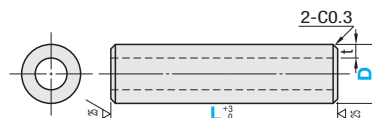
Parts and Materials for DKVBN

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)

2-C0.3

<End Flare Type>

45°

Material: Copper Phosphate (C1220)

DKENF End Flare Type is flared only at one end.

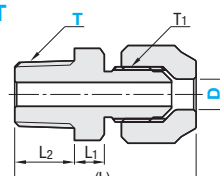
Part Number	Type	D	L Selection	t	DKEN Unit Price	DKENF Unit Price
3	DKEN DKENF	100	200	300		
4						
5						
6		100	200	300	500	
8						
10						

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

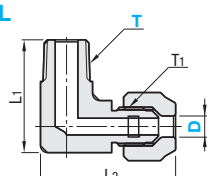



Material: Brass

Part Number	Type	D	R (PT)	T Selection	T (PT)	(L)	L1	L2	T1 (UNF)	Square Main Body	Nut	Unit Price
6	DKNT	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	DKNT	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	DKNT	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

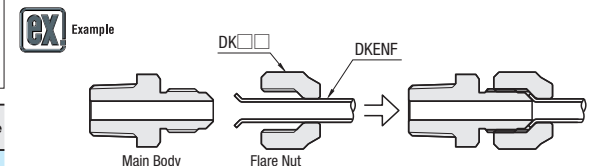
Material: Brass

Part Number	Type	D	R (PT)	T Selection	T (PT)	L1	Approx. L2	T1 (UNF)	Square Main Body	Nut	Unit Price
6	DKNTL	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	DKNTL	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	DKNTL	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	

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)

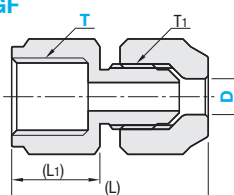
Features: Suitable for plumbing that requires air tightness such as refrigerant gas pipe.



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

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

DKFGF

Material: Brass

Part Number	Type	D	T G (PF)	(L)	(L1)	T1 (UNF)	Square Main Body	Nut	Unit Price
6	DKFGF	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