

Copper Pipe Fittings / Needle Valves for Copper Pipes

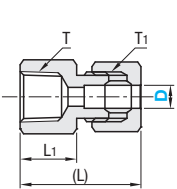
Annealed Copper Pipes / Annealed Copper Pipe Fittings

Copper Pipe Fittings Female Threaded Connector

DKFR



RoHS10

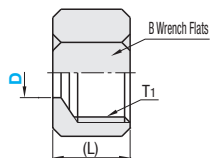


Material: Brass

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

DKRGN



Material: Brass

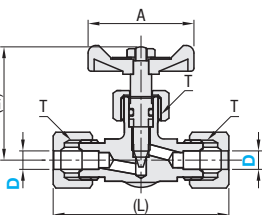
Part Number	T1	(L)	B Wrench Flats	Unit Price
Type	Applicable Pipe O.D. D	G (PF)		
DKRGN	6	1/4	13	16
	8	1/4	14	16
	10	3/8	16	19
	12	1/2	19.5	24
	15	5/8	21	27

Needle Valves for Copper Pipes

DKVBN



RoHS10



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

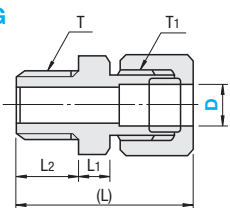
Ordering Example
Part Number
DKFR3
DKVBN8

Copper Pipe Fittings Male Threaded Connector (G Thread Type)

DKPG



RoHS10

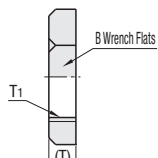


Material: Brass

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

DKRKN

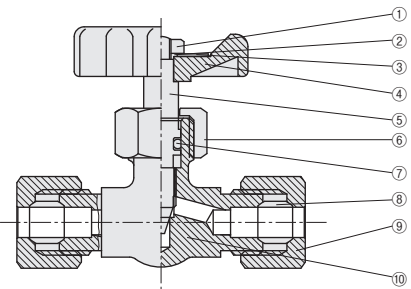


Material: Brass

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

Parts and Materials for DKVBN

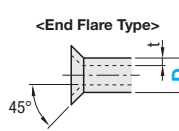
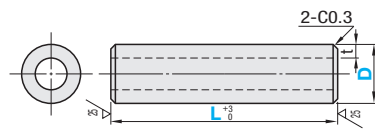
No.	Part Name	Material
①	Wheel Tightening Nut	Free-Cutting Brass
②	Washer	JIS-SWRH82A
③	Rotation Indicator	EN AW 1070 Equiv.
④	Handle	Aluminum Die Casting
⑤	Stem	Free-Cutting Brass
⑥	Gland Nut	Free-Cutting Brass
⑦	O-Ring	NBR
⑧	Ring	Free-Cutting Brass
⑨	Ring Nut	Free-Cutting Brass
⑩	Main Body	Brass for casting



Annealed Copper Pipes

DKEN

DKENF (End Flare Type)



D	Tolerance
3~6	±0.1
8, 10	±0.2

Material: Copper Phosphate (EN CW024A Equiv.)

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

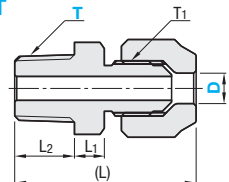
DKEN is shipped unrolled and may arrive a little distorted.

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

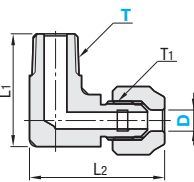


Material: Brass

Part Number	R (PT)	T	(L)	L1	L2	T1 (UNF)	Square	Unit Price
Type	D	T Selection				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

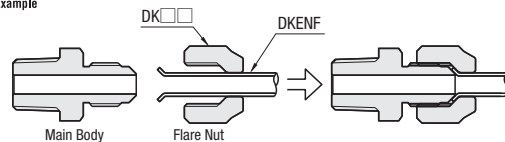
Part Number	R (PT)	T	(L)	Approx. L2	T1 (UNF)	Square	Unit Price
Type	D	T Selection			Unify Fine Thread	Main Body Nut	
DKNTL	6	1	1/8	22	32	7/16-20UNF	16 17
		2	1/4	25	32	7/16-20UNF	16 17
		3	3/8	28	34	7/16-20UNF	19 17
	8	1	1/8	22	33	1/2-20UNF	16 19
		2	1/4	25	33	1/2-20UNF	16 19
		3	3/8	28	35	1/2-20UNF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

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.

Example



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.

Ordering Example
Part Number - T
DKNT8
DKFGF6