
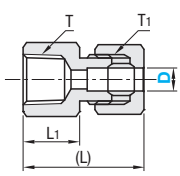


Copper Pipe Fittings / Needle Valves for Copper Pipes

Annealed Copper Pipes / Annealed Copper Pipe Fittings

Copper Pipe Fittings
Female Threaded Connector

DKFR


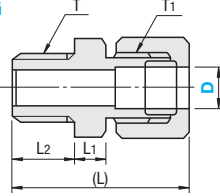



RoHS 10 Ring included (part number: DKRG) Material: Brass

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

Copper Pipe Fittings
Male Threaded Connector (G Thread Type)

DKPG


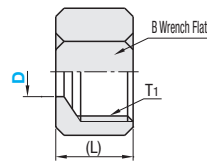



RoHS 10 Ring included (part number: DKRG) Material: Brass

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

Copper Pipe Fittings
Ring Nut

DKRGN


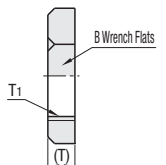



Material: Brass

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

Copper Pipe Fittings
Lock Nut

DKRKN


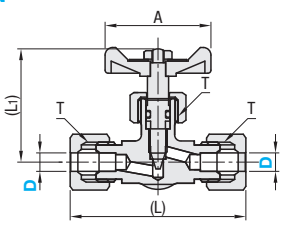



Material: Brass

Part Number	T1	(T)	B Wrench Flats	Unit Price
Type	No.	G (PF)		
DKRKN	1	1/8	4	12
DKRKN	2	1/4	5	16
DKRKN	3	3/8	6	19
DKRKN	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	
DKVBN	6	1/4	35	60	42 12 16	
DKVBN	8	1/4	35	60	49 14 16	
DKVBN	10	3/8	45	70	58 17 19	
DKVBN	12	1/2	55	84	78 23 24	

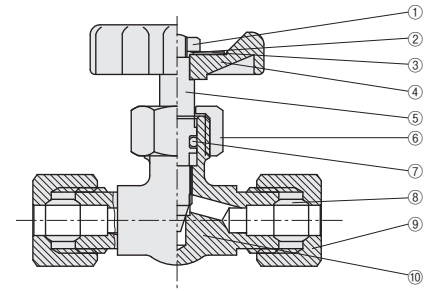
Fitting Specifications

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


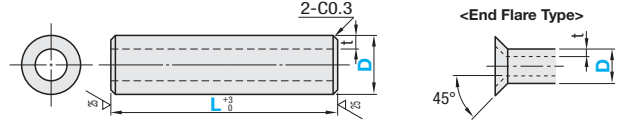
Parts and Materials for DKVBN

No.	Part Name	Material
①	Wheel Tightening Nut	Free-Cutting Brass
②	Washer	JIS-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)

RoHS 10

DKENF End Flare Type is flared only at one end.

Material: Copper Phosphate (EN CW024A Equiv.)


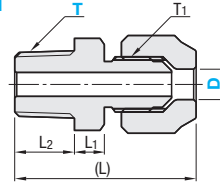
Part Number	D	L Selection	t	DKEN Unit Price				DKENF Unit Price						
				L100	L200	L300	L500	L100	L200	L300	L500			
DKEN DKENF	3	100 200 300	1											
	4													
	5													
	6	100 200 300 500												
	8													
	10													

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


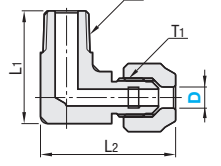



Material: Brass

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

Annealed Copper Pipe Fittings
- Elbow

DKNTL


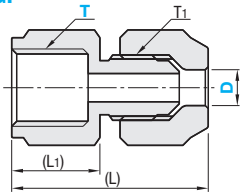



Material: Brass

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

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

DKFGF

Material: Brass

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

Example
Main Body Flare Nut

*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.