

# Copper Pipe Fittings / Needle Valves for Copper Pipes

**Copper Pipe Fittings**  
Female Threaded Connector

**DKFR**

**RoHS10** Ring included (part number: DKRG) Material: Brass

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

**DKPG**

**RoHS10** Ring included (part number: DKRG) Material: Brass

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

Part Number Type	Applicable Pipe O.D. D	T G (PF)	(L)	L1	L2	T1 G (PF)	Square		Unit Price
							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**  
Ring Nut

**DKRGN**

Material: Brass

**Copper Pipe Fittings**  
Lock Nut

**DKRKN**

Material: Brass

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

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

**Needle Valves**  
for Copper Pipes

**DKVBN**

**RoHS10**

**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

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

