

Components

Insert

For fractional tube



PARKER PART NO.	INTER-CHANGES WITH	INCHES		
		TUBE O.D.	TUBE I.D.	TUBE WALL
3 TIZ .125	305-2	3/16	.125	.031
4 TIZ .125	405-2	1/4	.125	.062
4 TIZ .170	405-170	1/4	.170	.040
4 TIZ .188	405-3	1/4	.188	.031
5 TIZ .125	505-2	5/16	.125	.094
5 TIZ .188	505-3	5/16	.188	.062
5 TIZ .250	505-4	5/16	.250	.031
6 TIZ .188	605-3	3/8	.188	.094
6 TIZ .250	605-4	3/8	.250	.062
8 TIZ .250	815-4	1/2	.250	.125
8 TIZ .375	815-6	1/2	.375	.062
10 TIZ .375	1015-6	5/8	.375	.125
10 TIZ .500	1015-8	5/8	.500	.062
12 TIZ .500	1215-8	3/4	.500	.125
12 TIZ .625	1215-10	3/4	.625	.062
16 TIZ .750	1615-12	1	.750	.125
16 TIZ .875	1615-14	1	.875	.062

Dimensions for reference only, subject to change.

NOTE: Tubing wall thickness and corresponding minimum I.D. flow paths are listed so the system designer can properly match the insert to the tubing.

Example: 4 TIZ .125 is used with tubing having a wall thickness of .062 and I.D. of .125.

Insert

For metric tube



PARKER PART NO.	INTER-CHANGES WITH	MILLIMETERS		
		TUBE O.D.	TUBE I.D.	TUBE WALL
TIZ 6 (4)	6M5-4M	6	4	1,0
TIZ 8 (6)	8M5-6M	8	6	1,0
TIZ 10 (6)	10M5-6M	10	6	2,0
TIZ 10 (8)	10M5-8M	10	8	1,0
TIZ 12 (8)	12M5-8M	12	8	2,0
TIZ 12 (10)	12M5-10M	12	10	1,0
TIZ 15 (10)	15M5-10M	15	10	2,5

Dimensions for reference only, subject to change.

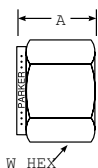
NOTE: Tubing wall thickness and corresponding minimum I.D. flow paths are listed so the system designer can properly match the insert to the tubing.

Example: TIZ 6 (4) is used with tubing having a wall thickness of 1mm and I.D. of 4mm.

TIZ inserts allow CPI™ / A-LOK® fittings to be used with soft plastic tubing.

Tube Nut

For fractional tube



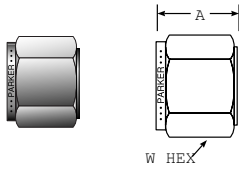
CPI™ PART NO.	A-LOK® PART NO.	INTER-CHANGES WITH	INCHES		
			TUBE O.D.	A	W HEX
1 BZ	1NU1	102-1	1/16	0.31	5/16
2 BZ	2NU2	202-1	1/8	0.47	7/16
3 BZ	3NU3	302-1	3/16	0.47	1/2
4 BZ	4NU4	402-1	1/4	0.50	9/16
5 BZ	5NU5	502-1	5/16	0.53	5/8
6 BZ	6NU6	602-1	3/8	0.56	11/16
8 BZ	8NU8	812-1	1/2	0.69	7/8
10 BZ	10NU10	1012-1	5/8	0.69	1
12 BZ	12NU12	1212-1	3/4	0.69	1-1/8
14 BZ	14NU14	1412-1	7/8	0.69	1-1/4
16 BZ	16NU16	1612-1	1	0.81	1-1/2
20 BZ	20NU20	2012-1	1-1/4	1.25	1-7/8
24 BZ	24NU24	2412-1	1-1/2	1.50	2-1/4
32 BZ	32NU32	3212-1	2	2.06	3

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NOTE: All size 20, 24 and 32 silver plated nuts should have a system compatible lube (Permatex Anti-seize - Parker Catalog 4290-INST) or equivalent applied to the fitting body threads and the inside back of nuts. This will minimize the effort required to assemble the fitting properly.

Components

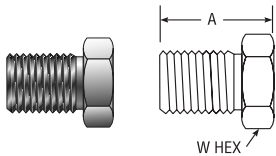
Tube Nut For metric tube



CPI™ PART NO.	A-LOK® PART NO.	INTER- CHANGES WITH	UN THREAD	MILLIMETERS		
				TUBE O.D.	A	W HEX
BZ 2	NUM2	2M2-1	5/16-20	2	11,9	12,0
BZ 3	NUM3	3M2-1	5/16-20	3	11,9	12,0
BZ 4	NUM4	4M2-1	3/8-20	4	11,9	12,0
BZ 6	NUM6	6M2-1	7/16-20	6	12,7	14,0
BZ 8	NUM8	8M2-1	1/2-20	8	13,5	16,0
BZ 10	NUM10	10M2-1	5/8-20	10	15,1	19,0
BZ 12	NUM12	12M2-1	3/4-20	12	17,5	22,0
BZ 14	NUM14	14M2-1	7/8-20	14	17,5	25,0
BZ 15	NUM15	15M2-1	7/8-20	15	17,5	25,0
BZ 16	NUM16	16M2-1	7/8-20	16	17,5	25,0
BZ 18	NUM18	18M2-1	1-20	18	17,5	30,0
BZ 20	NUM20	20M2-1	1.1/8-20	20	17,5	32,0
BZ 22	NUM22	22M2-1	1.1/8-20	22	17,5	32,0
BZ 25	NUM25	25M2-1	1.5/16-20	25	20,6	38,0

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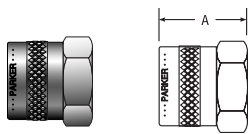
Inverted Tube Nut For fractional tube



PARKER PART NO.	INTER- CHANGES WITH	INCHES		
		TUBE O.D.	A	W HEX
1 BZI	1F2-1GC	1/16	.39	1/4
2 BZI	2F2-1GC	1/8	.44	7/16

Dimensions for reference only, subject to change.

Knurled Nut For fractional tube



PARKER PART NO.	INTER- CHANGES WITH	INCHES	
		TUBE O.D.	A
1 BZP	102-1K	1/16	.32
2 BZP	202-1K	1/8	.47
3 BZP	302-1K	3/16	.47
4 BZP	402-1K	1/4	.51
5 BZP	502-1K	5/16	.54
6 BZP	812-1K	3/8	.57
8 BZP	602-1K	1/2	.69
10 BZP	1012-1K	5/8	.69

Dimensions for reference only, subject to change.

HOW TO ASSEMBLE BZP

1. Replaces BZ/NU nuts on Parker CPI™/A-LOK® fitting bodies.
2. Insert plastic tubing until it bottoms in fitting body.
3. Tighten finger tight.

The knurled nut is designed for use with soft plastic tubing on low pressure applications where a finger tight assembly procedure is satisfactory.

Example: Laboratory test hook-ups. Nylon or PTFE ferrules are frequently used instead of metal ferrules in this type of application.

Ferrules



PARKER PART NO.	INCHES TUBE O.D.
1 TZ	1/16
2 TZ	1/8
3 TZ	3/16
4 TZ	1/4
5 TZ	5/16
6 TZ	3/8
8 TZ	1/2
10 TZ	5/8
12 TZ	3/4
14 TZ	7/8
16 TZ	1
20 TZ	1-1/4
24 TZ	1-1/2
32 TZ	2

Dimensions for reference only, subject to change.

PARKER PART NO.	MILLIMETER TUBE O.D.
TZ 3	3
TZ 6	6
TZ 8	8
TZ 10	10
TZ 12	12
TZ 16	16
TZ 20	20
TZ 25	25

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Note: Ferrules are available in standard metal materials as well as standard plastics like PTFE and nylon. Please consult the factory for availability.