

ZoomLock **PUSH**

Push-to-Connect Refrigerant Fittings



Applications

- » High Pressure HVAC/R

Product Parameters

- » **Continuous Operating Temperature:**
250°F / 121°C
- » **O-Ring Temperature Rating:**
-40°F to +300°F
-40°C to +149°C
- » **Maximum Rated Pressure (MRP):**
870 psig / 60 bar
- » **Minimum Burst Pressure (UL 207):**
4,355 psig / 300 bar
- » **Vacuum Pressure Capability:**
200 Microns
- » **External Leak Rate:**
<0.1 Ounces of Helium per Year at Operating Pressure Range
- » **Vibration Resistance:**
Conforms to UL109
- » **Size Availability (Inches):**
1/4, 3/8, 1/2, 5/8, 3/4, 7/8

Fitting Materials

- » **Fitting Body:**
Brass
- » **O-Ring:**
R410A Optimized: HNBR
Removable: Chloroprene

Compatibility

- » **Approved Lubricants:** POE, PVE
- » **Approved Tubing Materials:**
Copper to Copper Connections
- » **Approved Tubing Tolerance:**
ASTM B280, UNI EN 12735
- » **Approved Copper Tubing Types:**
Hard Copper (Drawn)
- 1/4" – 7/8" Type ACR, M, L, K
Soft Copper (Annealed)
- 1/4" – 7/8" Type ACR, L, K

Agency Approvals and Certifications

- » UL Listed SA7511
Approved use for field and factory installations
- » ASHRAE-15, ANSI 15, ASME B31.5, ANSI 31.5

Fitting Warranty

- » Read page 13 for more details.

Approved Refrigerants

Refrigerant	R410A Optimized Fittings	Removable Fittings
R22	—	✓
R32	✓	✓
R134a	✓	✓
R290	✓	✓
R404A	✓	✓
R407A	✓	✓
R407C	✓	✓
R407F	✓	✓
R410A	✓	✓
R448A	✓	✓
R449A	✓	✓
R454B	✓	✓
R507	✓	✓

Refer to ZoomLockPUSH.com for the latest approved refrigerants list.

ZoomLock
PUSH

Push-to-Connect Refrigerant Fittings

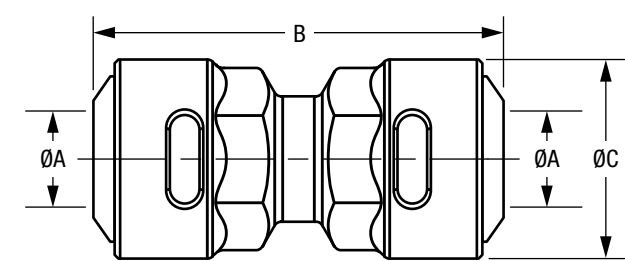
COUPLINGS

R410A OPTIMIZED



Size (Inches)	Part Number	Description	Dimensions					
			A		B		C	
			Inch	mm	Inch	mm	Inch	mm
1/4	777100	PZKP-C4-HNBR	0.26	6.65	1.89	48	0.79	20
3/8	777101	PZKP-C6-HNBR	0.38	9.70	1.97	50	0.95	24
1/2	777102	PZKP-C8-HNBR	0.51	13.0	2.13	54	1.06	27
5/8	777103	PZKP-C10-HNBR	0.64	16.2	2.24	57	1.18	30
3/4	777104	PZKP-C12-HNBR	0.76	19.3	2.58	65.5	1.46	37
7/8	777105	PZKP-C14-HNBR	0.89	22.5	2.62	66.5	1.57	40

Dimensions

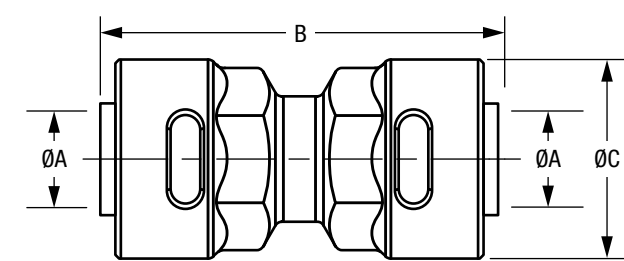


REMOVABLE



Size (Inches)	Part Number	Description	Dimensions					
			A		B		C	
			Inch	mm	Inch	mm	Inch	mm
1/4	777133	PZKPR-C4	0.26	6.65	1.89	48	0.79	20
3/8	777134	PZKPR-C6	0.38	9.70	1.97	50	0.95	24
1/2	777135	PZKPR-C8	0.51	13.0	2.13	54	1.06	27
5/8	777136	PZKPR-C10	0.64	16.2	2.24	57	1.18	30
3/4	777137	PZKPR-C12	0.77	19.5	2.58	65.5	1.46	37
7/8	777138	PZKPR-C14	0.89	22.6	2.62	66.5	1.57	40

Dimensions



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ELBOWS - 90 degree

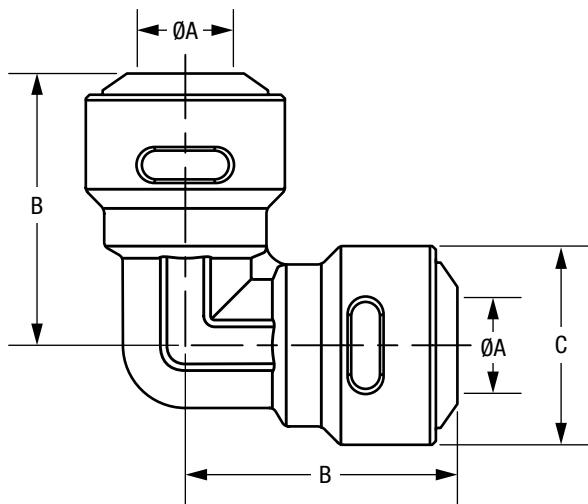
R410A OPTIMIZED

REMOVABLE

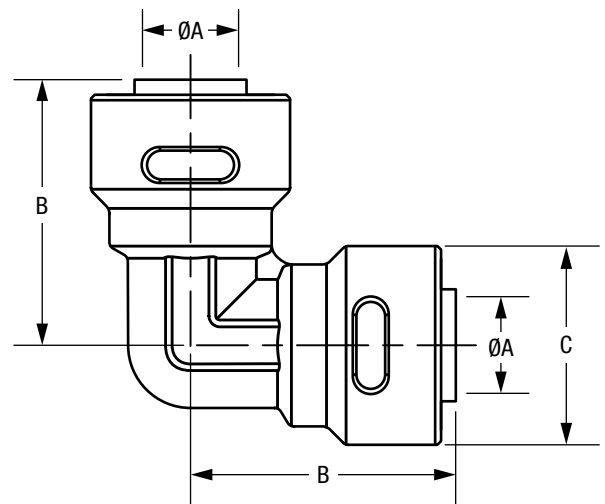

Size (Inches)	Part Number	Description	Dimensions					
			A		B		C	
			Inch	mm	Inch	mm	Inch	mm
1/4	777110	PZKP-90E4-HNBR	0.26	6.65	1.16	29.5	0.79	20
3/8	777111	PZKP-90E6-HNBR	0.38	9.70	1.26	32	0.95	24
1/2	777112	PZKP-90E8-HNBR	0.51	13.0	1.42	36	1.06	27
5/8	777113	PZKP-90E10-HNBR	0.64	16.2	1.54	39	1.18	30
3/4	777114	PZKP-90E12-HNBR	0.76	19.3	1.73	44	1.46	37
7/8	777115	PZKP-90E14-HNBR	0.89	22.5	1.77	45	1.57	40

Size (Inches)	Part Number	Description	Dimensions					
			A		B		C	
			Inch	mm	Inch	mm	Inch	mm
1/4	777143	PZKPR-90E4	0.26	6.65	1.16	29.5	0.79	20
3/8	777144	PZKPR-90E6	0.38	9.70	1.26	32	0.95	24
1/2	777145	PZKPR-90E8	0.51	13.0	1.42	36	1.06	27
5/8	777146	PZKPR-90E10	0.64	16.2	1.54	39	1.18	30
3/4	777147	PZKPR-90E12	0.77	19.5	1.73	44	1.46	37
7/8	777148	PZKPR-90E14	0.89	22.6	1.77	45	1.57	40

Dimensions



Dimensions



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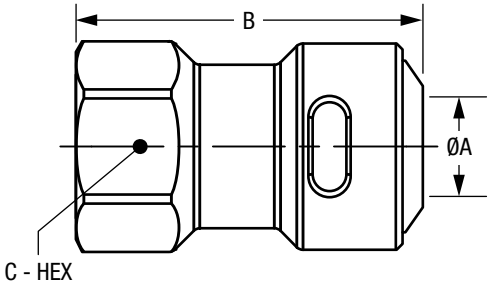
SAE FLARE ADAPTERS

R410A OPTIMIZED



Size Inches	Part Number	Description	Dimensions							
			A		B		C		SAE Threads (UNF)	
			Inch	mm	Inch	mm	Inch	mm		
1/4	777106	PZKP-F4-HNBR	0.26	6.65	1.52	38.5	0.67	17	7/16-20	
3/8	777107	PZKP-F6-HNBR	0.38	9.70	1.63	41.5	0.87	22	5/8-18	
1/2	777108	PZKP-F8-HNBR	0.51	13.0	1.83	46.5	0.95	24	3/4-16	
5/8	777109	PZKP-F10-HNBR	0.64	16.2	2.09	53	1.06	27	7/8-14	

Dimensions



REMOVABLE



Size Inches	Part Number	Description	Dimensions							
			A		B		C		SAE Threads (UNF)	
			Inch	mm	Inch	mm	Inch	mm		
1/4	777139	PZKPR-F4	0.26	6.65	1.52	38.5	0.67	17	7/16-20	
3/8	777140	PZKPR-F6	0.38	9.70	1.63	41.5	0.87	22	5/8-18	
1/2	777141	PZKPR-F8	0.51	13.0	1.83	46.5	0.95	24	3/4-16	
5/8	777142	PZKPR-F10	0.64	16.2	2.09	53	1.06	27	7/8-14	

Dimensions

