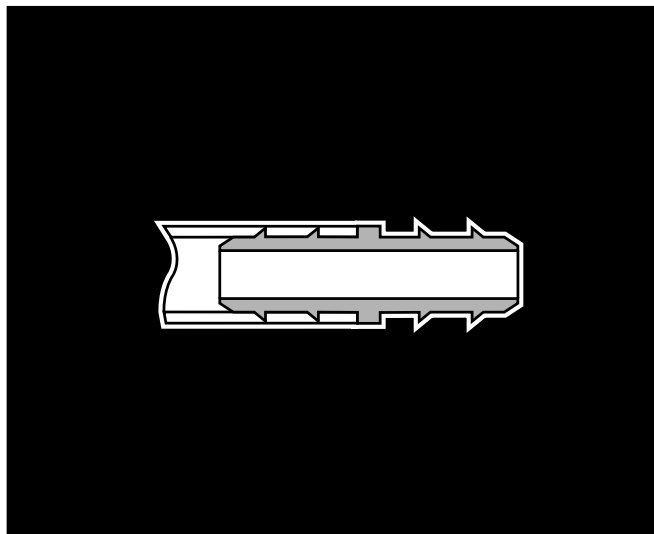
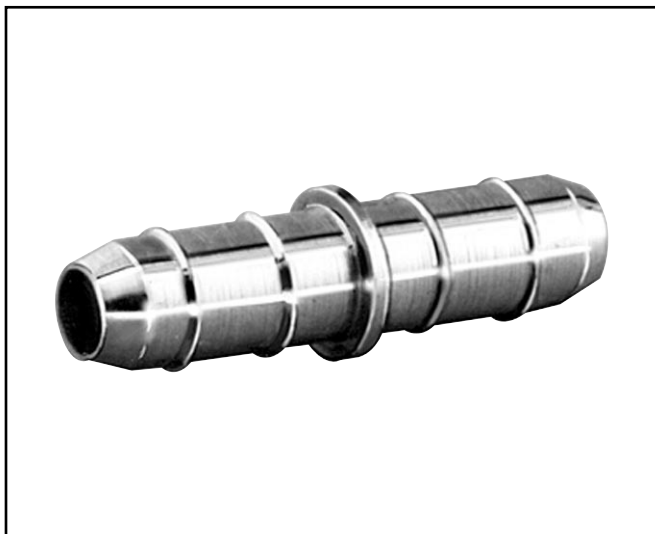




Advantages

Compact one piece, push-on barbed fitting for a quick, economical way to connect polyethylene tubing. Extruded from CA 360 or CA 345 brass rod.

Applications

Because of the many available variations in qualities of polyethylene tubing DB fittings are recommended for use with Parker polyethylene tubing (or an equal grade). Parker tubing is highly resistant to environmental stress cracking which is necessary for long life when coupled with expansion fittings.

Working Pressure and Temperature Ranges

In tube sizes 1/4 to 3/8 working pressures up to 150 psi are practical at temperatures ranging from -65° to +90°F. On 1/2" tube size, working pressures to 100 psi at temperatures ranging from -65° to +75°F.

Assembly Instructions

Simply push tube over the two barbs — be sure tubing is cut square.

Nomenclature

Part numbers are constructed from symbols that identify the style and size of the fitting. The first series of numbers and letters identifies the style and type fitting. The second series of numbers describes the size.

Example:

	231	-8	-6
Run Tee (tube to male pipe)	_____	_____	_____
1/2" (8/16) Tube O.D.	_____	_____	_____
3/8" (6/16) Pipe Thread	_____	_____	_____

Sizes

Tube sizes are determined by the number of sixteenths of an inch in the tube O.D.

Part Numbers & Dimensions

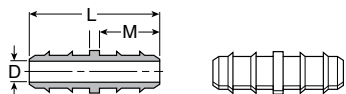
Fittings & Tubing
DB Fittings

20 Plug



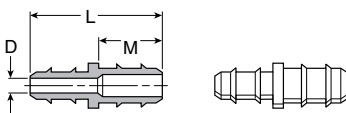
Part No.	Tube O.D.	Tube I.D.	C Dia.	L	M
20-4	1/4	0.170	0.290	0.56	0.41
20-6	3/8	0.250	0.390	0.68	0.44
20-8	1/2	0.377	0.577	0.81	0.56

22 Union



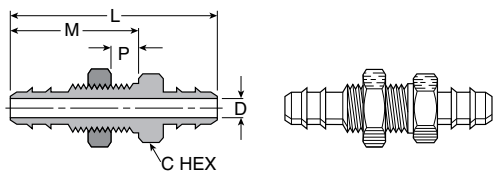
Part No.	Tube O.D.	Tube I.D.	L	M	Flow Dia. D
22-5/32	5/32x5/32	0.096x0.096	0.59	0.28	0.062
22-4	1/4x1/4	0.170x0.170	0.84	0.41	0.120
22-6	3/8x3/8	0.250x0.250	0.94	0.44	0.187
22-8	1/2x1/2	0.375x0.375	1.19	0.56	0.312

22 Union Reducer



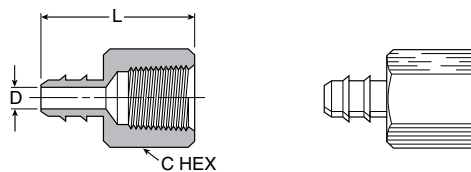
Part No.	Tube O.D.	Tube I.D.	L	M	Flow Dia. D
22-4-5/32	1/4x5/32	0.170x0.096	0.72	0.41	0.062
22-4-6	1/4x3/8	0.170x0.250	0.88	0.44	0.120
22-4-8	1/4x1/2	0.170x0.375	1.06	0.56	0.120
22-6-8	3/8x1/2	0.250x0.375	1.06	0.56	0.187

22BH Bulkhead Union



Part No.	Tube O.D.	Tube I.D.	Straight Thread	C Hex	P Max.	L	M	Flow Dia. D
22BH-4-4	1/4	0.170	5/16-24	7/16	0.219	1.38	0.78	0.120
22BH-6-6	3/8	0.250	3/8-24	7/16	0.375	1.63	1.00	0.187

26 Female Connector



Part No.	Tube O.D.	Tube I.D.	Pipe Thread	C Hex	L	Flow Dia. D
26-5/32-2	5/32	0.096	1/8	1/2	0.79	0.062
26-4-2	1/4	0.170	1/8	1/2	0.91	0.120
26-6-2	3/8	0.250	1/8	1/2	0.93	0.187
26-6-4	3/8	0.250	1/4	11/16	1.06	0.187

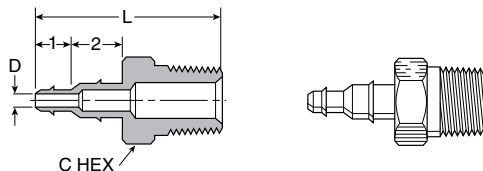
27 Male Connector



Part No.	Tube O.D.	Tube I.D.	Pipe Thread	C Hex	L	Flow Dia. D
27-1*	1/8	0.062	10-32 UNF	1/4	0.61	0.052
27-2*	1/4	0.125	10-32 UNF	1/4	0.74	0.093

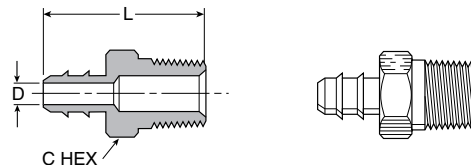
*For vinyl tubing only.

28 Barb to Pipe Adapter



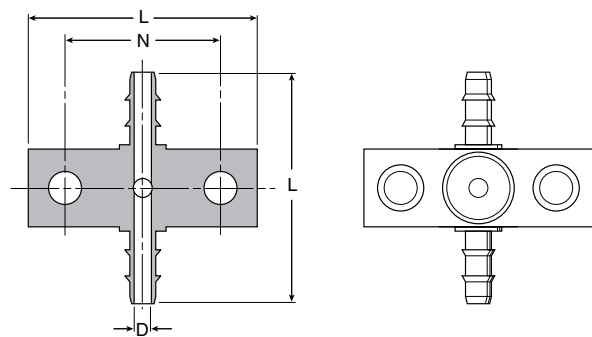
Part No.	Tube O.D. 1	Tube I.D. 1	Tube O.D. 2	Tube I.D. 2	Pipe Thread	C Hex	F	Flow Dia. D
28-4-5/32-2	5/32	0.096	1/4	0.170	1/8	7/16	1.07	0.062

28 Male Connector



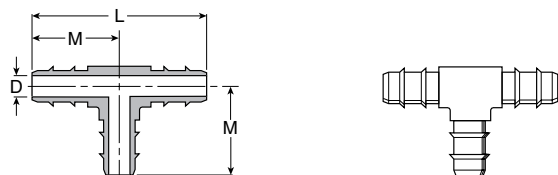
Part No.	Tube O.D.	Tube I.D.	Pipe Thread	C Hex	L	Flow Dia. D
28-5/32-2	5/32	0.096	1/8	7/16	0.84	0.062
28-4-1	1/4	0.170	1/16	11/32	0.93	0.120
28-4-2	1/4	0.170	1/8	7/16	0.97	0.120
28-4-4	1/4	0.170	1/4	9/16	1.09	0.120
28-6-2	3/8	0.250	1/8	7/16	1.00	0.187
28-6-4	3/8	0.250	1/4	9/16	1.13	0.187
28-8-4	1/2	0.375	1/4	9/16	1.25	0.312
28-8-6	1/2	0.375	3/8	11/16	1.28	0.312
28-8-8	1/2	0.375	1/2	7/8	1.44	0.312

220 Adapter Tee



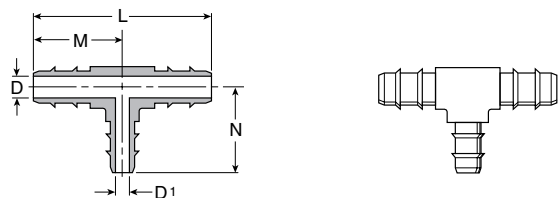
Part No.	Tube O.D.	Tube I.D.	Pipe Thread	L	M	Flow Dia. D
220-4-2	1/4	0.170	1/8	1.5	1.0	0.120

224 Union Tee



Part No.	Tube O.D.	Tube I.D.	L	M	Flow Dia. D
224-5/32	5/32	0.096	1.000	0.50	0.062
224-4	1/4	0.170	1.250	0.63	0.120
224-6	3/8	0.250	1.375	0.69	0.187
224-8	1/2	0.375	1.625	0.81	0.312

224 Union Tee (Combination Sizes)



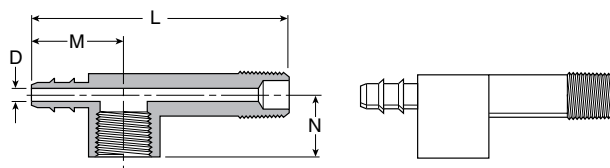
Part No.	Tube O.D.	Tube I.D.	L	M	N	Flow Dia. D	Flow Dia. D ₁
224-4-4-5/32	1/4x5/32	0.170x0.096	1.25	0.63	0.50	0.120	0.062
224-6-6-5/32	3/8x5/32	0.250x0.096	1.38	0.69	0.50	0.187	0.062
224-6-6-4	3/8x1/4	0.250x0.170	1.38	0.69	0.62	0.187	0.120
224-8-8-4	1/2x1/4	0.375x0.170	1.62	0.81	0.65	0.312	0.120
224-8-8-6	1/2x3/8	0.375x0.250	1.62	0.81	0.69	0.312	0.187

225 Union Elbow



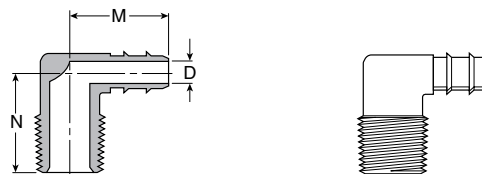
Part No.	Tube O.D.	Tube I.D.	L	M	Flow Dia. D
225-5/32	5/32	0.096	0.50	0.50	0.062
225-4-4	1/4	0.170	0.63	0.63	0.120
225-6-6	3/8	0.250	0.69	0.69	0.187
225-8-8	1/2	0.375	0.81	0.81	0.312

228 Gauge Tee



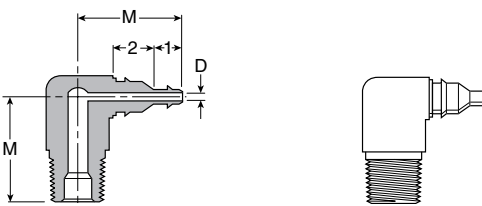
Part No.	Tube O.D.	Tube I.D.	Pipe Thread	L	M	N	Flow Dia. D
228-4-2	1/4	0.170	1/8	1.91	0.66	0.44	0.120

229 Male Elbow



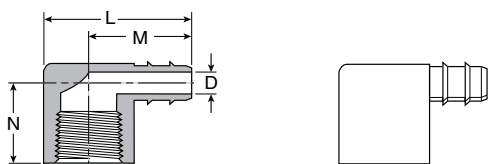
Part No.	Tube O.D.	Tube I.D.	Pipe Thread	M	N	Flow Dia. D
229-5/32-2	5/32	0.096	1/8	0.56	0.63	0.062
229-4-1	1/4	0.170	1/16	0.62	0.60	0.120
229-4-2	1/4	0.170	1/8	0.69	0.63	0.120
229-4-4	1/4	0.170	1/4	0.72	0.72	0.120
229-6-2	3/8	0.250	1/8	0.69	0.69	0.187
229-6-4	3/8	0.250	1/4	0.75	0.75	0.187
229-8-6	1/2	0.375	3/8	0.94	0.81	0.312

229 Barb Adapter Elbow 90°



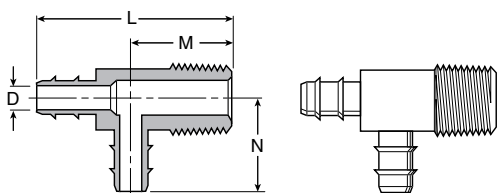
Part No.	Tube O.D. 1	Tube I.D. 1	Tube O.D. 2	Tube I.D. 2	Pipe Thread	M	Flow Dia. D
229-4-5/32-2	5/32	0.096	1/4	0.170	1/8	0.78	0.062

230 Female Elbow



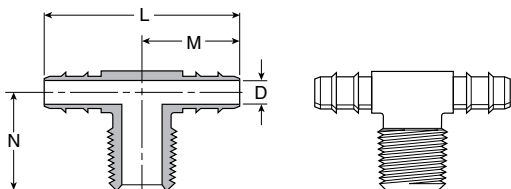
Part No.	Tube O.D.	Tube I.D.	Pipe Thread	L	M	N	Flow Dia. D
230-4-2	1/4	0.170	1/8	0.91	0.66	0.44	0.120
230-6-4	3/8	0.250	1/4	1.12	0.78	0.63	0.187

231 Male Run Tee



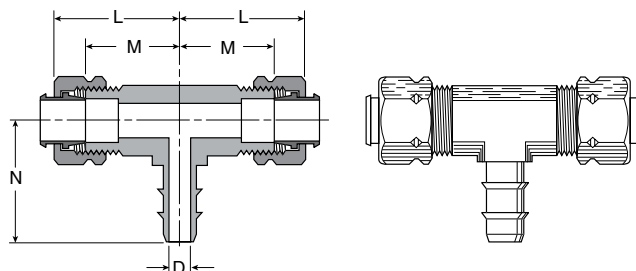
Part No.	Tube O.D.	Tube I.D.	Pipe Thread	L	M	N	Flow Dia. D
231-4-2	1/4	0.170	1/8	1.28	0.66	0.69	0.120
231-6-2	3/8	0.250	1/8	1.38	0.69	0.69	0.187
231-6-4	3/8	0.250	1/4	1.44	0.75	0.75	0.187

232 Male Branch Tee



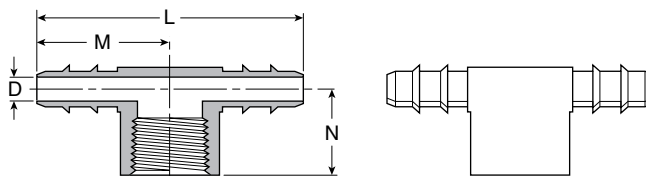
Part No.	Tube O.D.	Tube I.D.	Pipe Thread	L	M	N	Flow Dia. D
232-4-1	1/4	0.170	1/16	1.33	0.66	0.65	0.120
232-4-2	1/4	0.170	1/8	1.38	0.69	0.66	0.120
232-6-2	3/8	0.250	1/8	1.38	0.69	0.69	0.187
232-6-4	3/8	0.250	1/4	1.50	0.75	0.75	0.187

233 Tee



Part No.	Tube O.D.	Tube I.D.	Comp. Tube	L	M	N	Flow Dia. D
233-4-4-4	1/4	0.170	1/4	0.73	0.53	0.74	0.120
233-6-6-4	1/4	0.170	3/8	0.87	0.59	0.80	0.120

237 Female Branch Tee



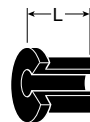
Part No.	Tube O.D.	Tube I.D.	Pipe Thread	L	M	N	Flow Dia. D
237-4-2	1/4	0.170	1/8	1.34	0.67	0.49	0.120

238 Solder Connector



Part No.	Tube O.D. 1	Tube I.D. 2	L	M	Flow Dia. D
238-4-4	1/4	0.170	0.91	0.254	0.120

20GT DB Tool*



Part No.	Tube O.D.	L	Thru Dia.
20GT-4	1/4	1.00	0.245

*For ease in assembling polyethylene tubing onto DB Fittings.