

Barbed Fittings



Dubl-Barb Fittings

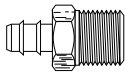
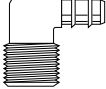
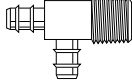
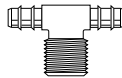
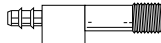
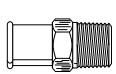
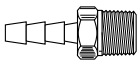
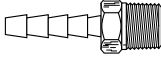
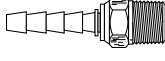

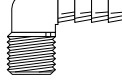
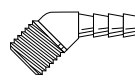
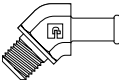
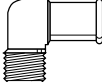
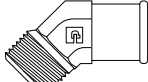
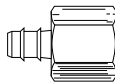
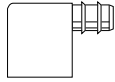
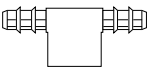
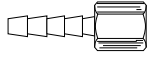
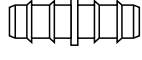
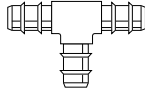
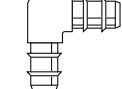
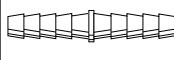
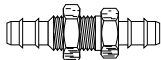
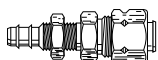
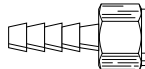
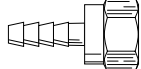
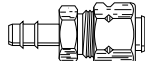
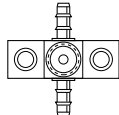

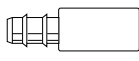
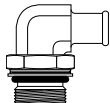

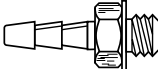
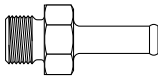
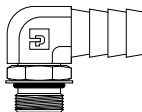

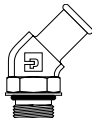
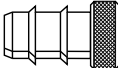

- Compact
- One-piece
- Economical
- Reusable
- Use with Polyethylene Tubing



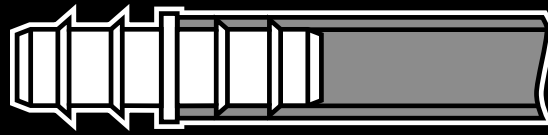
Hose Barb Fittings

- All Brass Construction
- Straight and Metric Threads
- Beaded & Standard Hose Barbs
- Use with Hose Clamp
- Reusable

The World Standard

| | | | | | | |
|--|---|--|--|---|--|---|
| Barb to Male NPT | 28 Male Connector  Page G5 | 229 Male Elbow  Page G7 | 231 Run Tee  Page G7 | 232 Branch Tee  Page G8 | 228 Gauge Tee  Page G7 | 68HB Male Connector  Page G10 |
| | 125HB Male Connector  Page G11 | 125HBL Male Connector  Page G11 | 125HBLSV Swivel Connector  Page G11 | 127HB Ball-End Adapter  Page G12 | 129HB Male Elbow  Page G12 | 139HB 45° Male Elbow  Page G12 |
| 179HB 45° Male Elbow  Page G14 | 269HB Male Elbow  Page G14 | 279HB 45° Male Elbow  Page G14 | Barb to Female NPT | 26 Female Connector  Page G5 | 230 Female Elbow  Page G7 | 237 Female Tee  Page G8 |
| 126HBL Female Connector  Page G11 | Barb to Barb | 22 Union  Page G4 | | 224 Union Tee  Page G6 | 225 Union Elbow  Page G6 | 122HBL Hose Mender  Page G10 |
| Bulkheads | | 22BH Bulkhead Union  Page G4 | 22CABH Bulkhead Union  Page G5 | Swivels | 128HBLSV Female Ball-End  Page G12 | 146HBLFSV 45° Female Flare  Page G13 |
| | Adapters | 22CA Mixed Union  Page G4 | 220 Adapter Tee  Page G6 | | 233 Mixed Tee  Page G8 | 238 Solder Connector  Page G8 |
| 169HB-MI Male Elbow  Page G13 | | 179HB-MI 45° Male Elbow  Page G14 | Barb to Straight Thread | 27 Male Connector  Page G5 | 685HB Male Connector  Page G10 | 1295HB Male Elbow  Page G12 |
| 1725HB Tee  Page G13 | 1795HB 45° Elbow  Page G14 | Auxiliary | | 20 Plug  Page G4 | 97HC Clamp  Page G10 | |

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Dubl-Barb® Fittings

Advantages

Compact one-piece, push-on barbed fitting for a quick, economical way to connect polyethylene tubing. In addition to the styles shown, custom DUBL-BARB fittings to meet your exact requirements are available. Machined from CA 360 or CA 345 brass.

Applications

Because of the many available variations in qualities of polyethylene tubing, DUBL-BARB® fittings are recommended for use with Parker Parflex® polyethylene tubing (or an equal grade). Parker Parflex® 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 tube size 1/2 working pressures up 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 squarely.

Order

By part number and name.

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 numbers of sixteenths of an inch in the tube O.D.

Special Fittings

Fitting configurations and/or sizes other than those shown in the catalog can be furnished. It is suggested that a print or sketch be submitted with the inquiry.

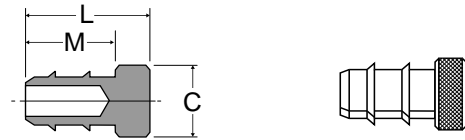
Pricing

Only items priced in current supplementary price list PL3501 are carried in stock. Price and delivery for non-stock items furnished on request for specified quantity.

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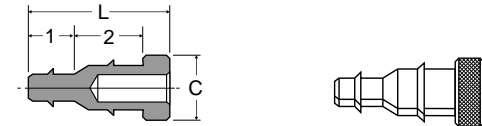
Plug 20

| PART NO. | TUBE O.D. | TUBE I.D. | C DIA. | L | M |
|----------|-----------|-----------|--------|-----|-----|
| 20-4 | 1/4 | .170 | .290 | .56 | .41 |
| 20-6 | 3/8 | .250 | .390 | .68 | .44 |
| 20-8 | 1/2 | .377 | .577 | .81 | .56 |



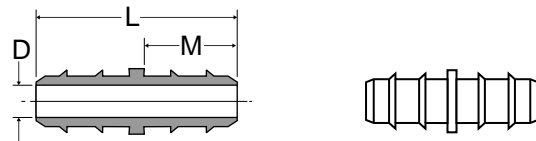
Plug Adapter 20

| PART NO. | TUBE O.D. 1 | TUBE I.D. 1 | TUBE O.D. 2 | TUBE I.D. 2 | C DIA. | L |
|-----------|-------------|-------------|-------------|-------------|--------|-----|
| 20-4-5/32 | 5/32 | .096 | 1/4 | .170 | .290 | .65 |



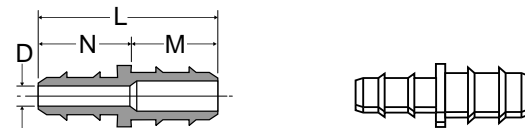
Union 22

| PART NO. | TUBE O.D. | TUBE I.D. | L | M | FLOW DIA. D |
|----------|-----------|-----------|------|-----|-------------|
| 22-5/32 | 5/32x5/32 | .096x.096 | .59 | .28 | .062 |
| 22-4 | 1/4x1/4 | .170x.170 | .84 | .41 | .120 |
| 22-6 | 3/8x3/8 | .250x.250 | .94 | .44 | .187 |
| 22-8 | 1/2x1/2 | .375x.375 | 1.19 | .56 | .312 |



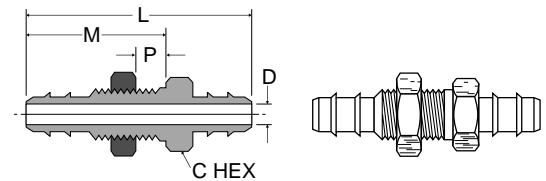
Union Reducer 22

| PART NO. | TUBE O.D. | TUBE I.D. | L | M | N | FLOW DIA. D |
|-----------|-----------|-----------|------|-----|-----|-------------|
| 22-4-5/32 | 1/4x5/32 | .170x.096 | .72 | .41 | .28 | .062 |
| 22-4-6 | 1/4x3/8 | .170x.250 | .88 | .44 | .41 | .120 |
| 22-4-8 | 1/4x1/2 | .170x.375 | 1.06 | .56 | .41 | .120 |
| 22-6-8 | 3/8x1/2 | .250x.375 | 1.06 | .56 | .44 | .187 |



Bulkhead Union 22BH

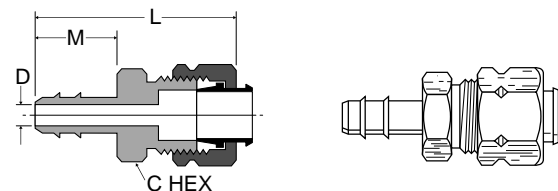
| PART NO. | TUBE O.D. | TUBE I.D. | ST. THD. | C HEX | P MAX. | L | M | FLOW DIA. D | BLKHD HOLE DIA. |
|----------|-----------|-----------|----------|-------|--------|------|------|-------------|-----------------|
| 22BH-4-4 | 1/4 | .170 | 5/16-24 | 7/16 | .219 | 1.38 | .78 | .120 | 5/16 |
| 22BH-6-6 | 3/8 | .250 | 3/8-24 | 7/16 | .375 | 1.63 | 1.00 | .187 | 3/8 |



Union 22CA

Tube to Compress-Align

| PART NO. | TUBE O.D. | TUBE I.D. | CA TUBE | C HEX | L | M | FLOW DIA. D |
|----------|-----------|-----------|---------|-------|------|-----|-------------|
| 22CA-4-4 | 1/4 | .170 | 1/4 | 7/16 | 1.15 | .41 | .120 |

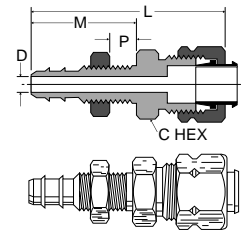


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Bulkhead Union 22CABH

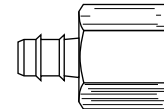
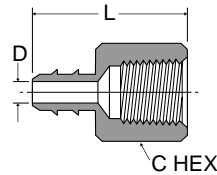
Tube to Compress-Align

| PART NO. | TUBE O.D. | TUBE I.D. | CA TUBE | ST. THD. | C HEX | P MAX. | L | M | FLOW DIA. D | BULKHEAD HOLE DIA. |
|------------|-----------|-----------|---------|----------|-------|--------|------|------|-------------|--------------------|
| 22CABH-4-4 | 1/4 | .170 | 1/4 | 5/16-24 | 7/16 | .219 | 1.53 | .78 | .120 | 5/16 |
| 22CABH-6-6 | 3/8 | .250 | 3/8 | 3/8-24 | 9/16 | .375 | 1.87 | 1.00 | .187 | 3/8 |



Female Connector 26

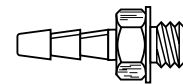
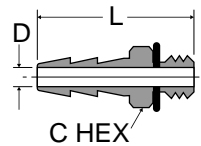
| PART NO. | TUBE O.D. | TUBE I.D. | PIPE THREAD | C HEX | L | FLOW DIA. D |
|-----------|-----------|-----------|-------------|-------|------|-------------|
| 26-5/32-2 | 5/32 | .096 | 1/8 | 1/2 | .79 | .062 |
| 26-4-2 | 1/4 | .170 | 1/8 | 1/2 | .91 | .120 |
| 26-6-2 | 3/8 | .250 | 1/8 | 1/2 | .93 | .187 |
| 26-6-4 | 3/8 | .250 | 1/4 | 11/16 | 1.06 | .187 |



Male Connector 27

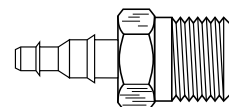
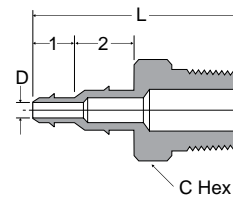
| PART NO. | TUBE O.D. | TUBE I.D. | STRAIGHT THREAD | C HEX | L | FLOW DIA. D |
|----------|-----------|-----------|-----------------|-------|-----|-------------|
| 27-1* | 1/8 | .062 | 10-32 | 1/4 | .61 | .052 |
| 27-2* | 1/4 | .125 | 10-32 | 1/4 | .74 | .093 |

*For vinyl tubing only.



Barb-to-Pipe Adapter 28

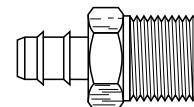
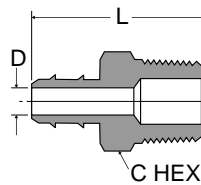
| PART NO. | TUBE O.D. 1 | TUBE I.D. 1 | TUBE O.D. 2 | TUBE I.D. 2 | PIPE THD. | C HEX | L | FLOW DIA. D |
|-------------|-------------|-------------|-------------|-------------|-----------|-------|------|-------------|
| 28-4-5/32-2 | 5/32 | .096 | 1/4 | .170 | 1/8 | 7/16 | 1.07 | .062 |



Male Connector 28

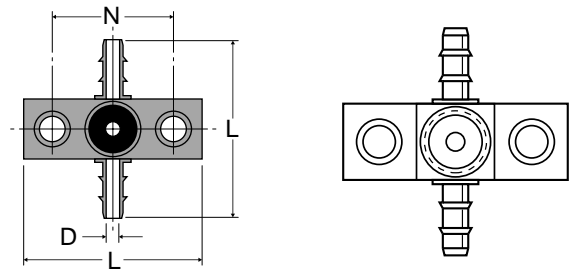
| PART NO. | TUBE O.D. | TUBE I.D. | PIPE THREAD | C HEX | L | FLOW DIA. D |
|-------------|-----------|-----------|-------------|-------|------|-------------|
| 28-5/32-2 | 5/32 | .096 | 1/8 | 7/16 | .84 | .062 |
| 28-4-1 | 1/4 | .170 | 1/16 | 3/8 | .93 | .120 |
| 28-4-2 | 1/4 | .170 | 1/8 | 7/16 | .97 | .120 |
| 28-4-4 | 1/4 | .170 | 1/4 | 9/16 | 1.09 | .120 |
| 28-4-10x32* | 1/4 | .170 | 10-32 | 1/4 | .71 | .093 |
| 28-6-2 | 3/8 | .250 | 1/8 | 7/16 | 1.00 | .187 |
| 28-6-4 | 3/8 | .250 | 1/4 | 9/16 | 1.13 | .187 |
| 28-8-4 | 1/2 | .375 | 1/4 | 9/16 | 1.25 | .312 |
| 28-8-6 | 1/2 | .375 | 3/8 | 11/16 | 1.28 | .312 |
| 28-8-8 | 1/2 | .375 | 1/2 | 7/8 | 1.44 | .312 |

*Straight thread



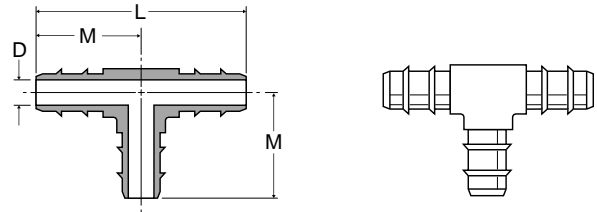
Adapter Tee 220

| PART NO. | TUBE O.D. | TUBE I.D. | PIPE THREAD | L | N | FLOW DIA. D |
|----------|-----------|-----------|-------------|------|------|-------------|
| 220-4-2 | 1/4 | .170 | 1/8 | 1.50 | 1.00 | .120 |



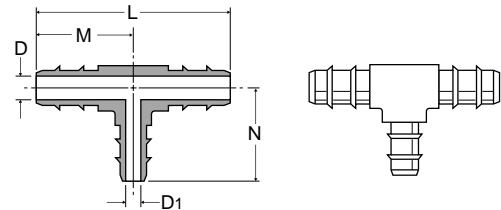
Union Tee 224

| PART NO. | TUBE O.D. | TUBE I.D. | L | M | FLOW DIA. D |
|----------|-----------|-----------|------|-----|-------------|
| 224-5/32 | 5/32 | .096 | 1.00 | .50 | .062 |
| 224-4 | 1/4 | .170 | 1.25 | .63 | .120 |
| 224-6 | 3/8 | .250 | 1.38 | .69 | .187 |
| 224-8 | 1/2 | .375 | 1.63 | .81 | .312 |



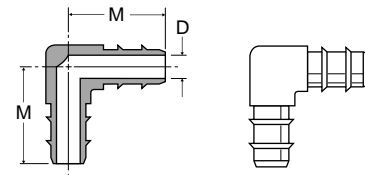
Union Tee 224 Combination Sizes

| PART NO. | TUBE O.D. | TUBE I.D. | L | M | N | FLOW DIA. D | FLOW DIA. D1 |
|--------------|-----------|-----------|------|-----|-----|-------------|--------------|
| 224-4-4-5/32 | 1/4x5/32 | .170x.096 | 1.25 | .63 | .50 | .120 | .062 |
| 224-6-6-5/32 | 3/8x5/32 | .250x.096 | 1.38 | .69 | .50 | .187 | .062 |
| 224-6-6-4 | 3/8x1/4 | .250x.170 | 1.38 | .69 | .62 | .187 | .120 |
| 224-8-8-4 | 1/2x1/4 | .375x.170 | 1.62 | .81 | .65 | .312 | .120 |
| 224-8-8-6 | 1/2x3/8 | .375x.250 | 1.62 | .81 | .69 | .312 | .187 |



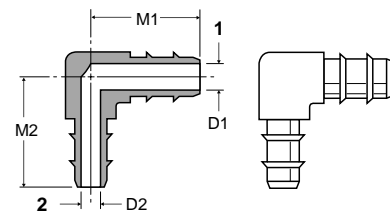
Union Elbow 225

| PART NO. | TUBE O.D. | TUBE I.D. | M | FLOW DIA. D |
|----------|-----------|-----------|-----|-------------|
| 225-5/32 | 5/32 | .096 | .50 | .062 |
| 225-4-4 | 1/4 | .170 | .63 | .120 |
| 225-6-6 | 3/8 | .250 | .69 | .187 |
| 225-8-8 | 1/2 | .375 | .81 | .312 |



Union Elbow 225 Combination Size

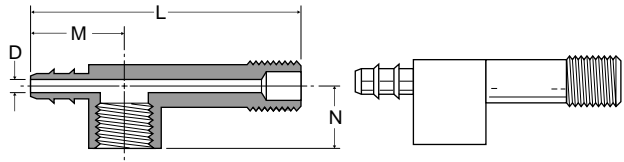
| PART NO. | TUBE O.D. 1 | TUBE O.D. 2 | TUBE I.D. 1 | TUBE I.D. 2 | M1 | M2 | FLOW DIA. D1 | FLOW DIA. D2 |
|------------|-------------|-------------|-------------|-------------|-----|-----|--------------|--------------|
| 225-4-5/32 | 1/4 | 5/32 | .170 | .096 | .63 | .50 | .120 | .062 |



G

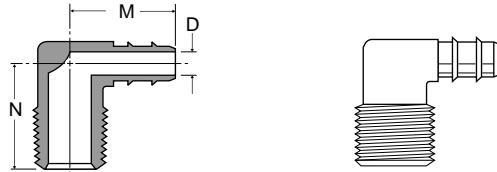
Gauge Tee 228

| PART NO. | TUBE O.D. | TUBE I.D. | PIPE THREAD | L | M | N | FLOW DIA. D |
|----------|-----------|-----------|-------------|------|-----|-----|-------------|
| 228-4-2 | 1/4 | .170 | 1/8 | 1.91 | .66 | .44 | .120 |



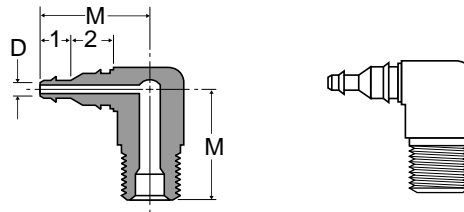
Male Elbow 229

| PART NO. | TUBE O.D. | TUBE I.D. | PIPE THREAD | M | N | FLOW DIA. D |
|------------|-----------|-----------|-------------|-----|-----|-------------|
| 229-5/32-2 | 5/32 | .096 | 1/8 | .56 | .63 | .062 |
| 229-4-1 | 1/4 | .170 | 1/16 | .62 | .60 | .120 |
| 229-4-2 | 1/4 | .170 | 1/8 | .69 | .63 | .120 |
| 229-4-4 | 1/4 | .170 | 1/4 | .72 | .72 | .120 |
| 229-6-2 | 3/8 | .250 | 1/8 | .69 | .69 | .187 |
| 229-6-4 | 3/8 | .250 | 1/4 | .75 | .75 | .187 |
| 229-8-4 | 1/2 | .375 | 1/4 | .94 | .74 | .312 |
| 229-8-6 | 1/2 | .375 | 3/8 | .94 | .81 | .312 |



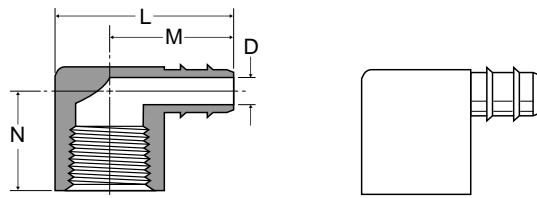
90° Elbow Barb Adapter 229

| 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 | .096 | 1/4 | .170 | 1/8 | .78 | .062 |



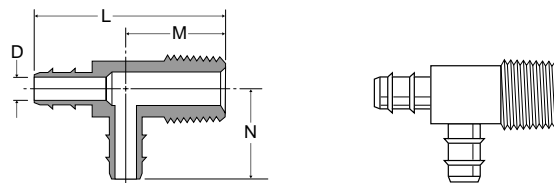
Female Elbow 230

| PART NO. | TUBE O.D. | TUBE I.D. | PIPE THREAD | L | M | N | FLOW DIA. D |
|----------|-----------|-----------|-------------|------|-----|-----|-------------|
| 230-4-2 | 1/4 | .170 | 1/8 | .91 | .66 | .44 | .120 |
| 230-6-4 | 3/8 | .250 | 1/4 | 1.12 | .78 | .63 | .187 |



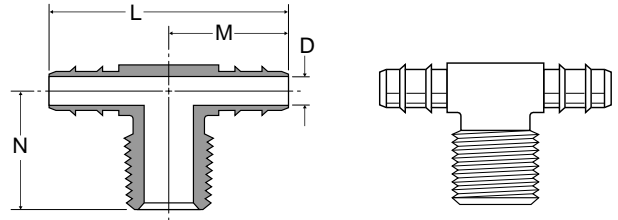
Male Run Tee 231

| PART NO. | TUBE O.D. | TUBE I.D. | PIPE THREAD | L | M | N | FLOW DIA. D |
|----------|-----------|-----------|-------------|------|-----|-----|-------------|
| 231-4-2 | 1/4 | .170 | 1/8 | 1.28 | .66 | .69 | .120 |
| 231-6-2 | 3/8 | .250 | 1/8 | 1.38 | .69 | .69 | .187 |
| 231-6-4 | 3/8 | .250 | 1/4 | 1.44 | .75 | .75 | .187 |



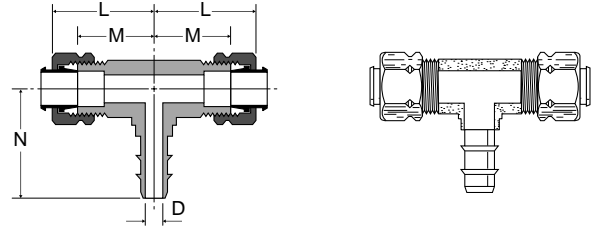
Male Branch Tee 232

| PART NO. | TUBE O.D. | TUBE I.D. | PIPE THREAD | L | M | N | FLOW DIA. D |
|----------|-----------|-----------|-------------|------|-----|-----|-------------|
| 232-4-1 | 1/4 | .170 | 1/16 | 1.33 | .66 | .65 | .120 |
| 232-4-2 | 1/4 | .170 | 1/8 | 1.38 | .69 | .66 | .120 |
| 232-6-2 | 3/8 | .250 | 1/8 | 1.38 | .69 | .69 | .187 |
| 232-6-4 | 3/8 | .250 | 1/4 | 1.50 | .75 | .75 | .187 |



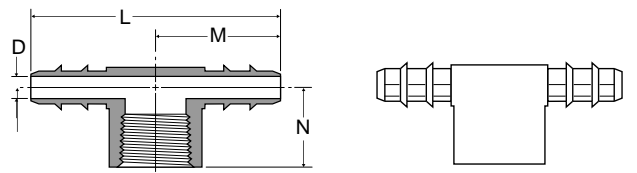
Tee 233

| PART NO. | TUBE O.D. | TUBE I.D. | COMB. TUBE | L | M | N | FLOW DIA. D |
|-----------|-----------|-----------|------------|-----|-----|-----|-------------|
| 233-4-4-4 | 1/4 | .170 | 1/4 | .73 | .53 | .74 | .120 |
| 233-6-6-4 | 1/4 | .170 | 3/8 | .87 | .59 | .80 | .120 |



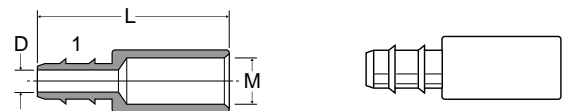
Female Branch Tee 237

| PART NO. | TUBE O.D. | TUBE I.D. | PIPE THREAD | L | M | N | FLOW DIA. D |
|------------|-----------|-----------|-------------|------|-----|-----|-------------|
| 237-5/32-2 | 5/32 | .096 | 1/8 | 1.06 | .53 | .44 | .062 |
| 237-4-2 | 1/4 | .170 | 1/8 | 1.34 | .67 | .49 | .120 |

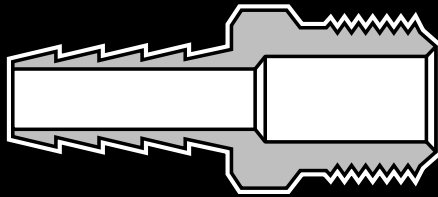


Solder Connector 238

| PART NO. | TUBE O.D. 1 | TUBE I.D. 1 | L | M | FLOW DIA. D |
|----------|-------------|-------------|-----|-----|-------------|
| 238-4-4 | 1/4 | .170 | .91 | .25 | .120 |



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Hose Barb Fittings

Advantages

All Parker hose barb fitting pipe threads are made to Dryseal standards. Connectors, unions, nuts and extended elbows and tees are machined from CA 360 and CA 345 brass.

Temperature and Working Pressure Ranges

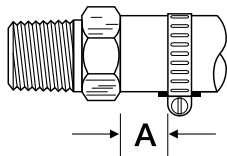
From -40° to +160°F. at 150 PSI maximum.

Note: These fittings are intended for use with 97HC hose clamp, similar type clamp or a crimped ferrule.

Assembly Instructions

1. Cut hose cleanly and squarely to length.
2. Slide clamp on hose.
3. Lubricate hose. Push hose on fitting until hose bottoms against stop ring or hex.
4. Position hose clamp as shown below and secure with a screwdriver or wrench. Maintain "A" dimension noted below for proper clamp positioning.

| HOSE SIZE | HOSE CLAMP | A |
|-----------|------------|------|
| 3/16" | 97 HC-3 | 1/4" |
| 1/4" | 97 HC-3 | 1/4" |
| 5/16" | 97 HC-6 | 1/4" |
| 3/8" | 97 HC-6 | 1/8" |
| 1/2" | 97 HC-8 | 1/8" |
| 5/8" | 97 HC-12 | 1/8" |
| 3/4" | 97 HC-12 | 1/8" |



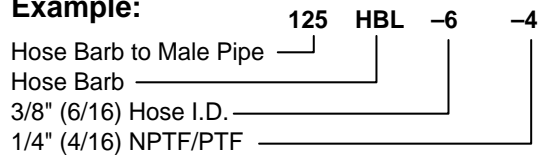
Order

By part number and name.

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:



Sizes

Pipe sizes are determined by the number of sixteenths of an inch in the pipe size.

Special Fittings

Fitting configurations and/or sizes other than those shown in the catalog can be furnished. It is suggested that a print or sketch be submitted with the inquiry.

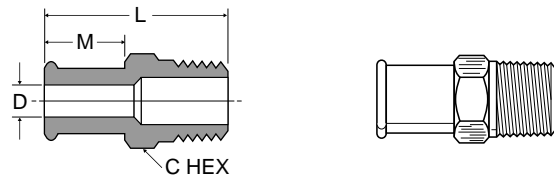
Pricing

Only items priced in current supplementary price list PL3501 are carried in stock. Price and delivery for non-stock items furnished on request for specified quantity.



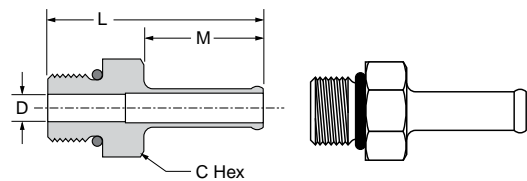
Beaded Hose Barb to Male Pipe 68HB

| PART NO. | I.D. HOSE SIZE | PIPE THREAD | C HEX | L | M | FLOW DIA.D |
|------------|----------------|-------------|--------|------|------|------------|
| 68HB-6-6 | 3/8 | 3/8 | 11/16 | 1.53 | .78 | .281 |
| 68HB-8-4 | 1/2 | 1/4 | 5/8 | 1.56 | .78 | .375 |
| 68HB-8-6 | 1/2 | 3/8 | 11/16 | 1.53 | .78 | .406 |
| 68HB-8-8 | 1/2 | 1/2 | 7/8 | 1.73 | .78 | .406 |
| 68HB-10-6 | 5/8 | 3/8 | 3/4 | 1.62 | .88 | .501 |
| 68HB-10-8 | 5/8 | 1/2 | 7/8 | 1.92 | .88 | .501 |
| 68HB-12-8 | 3/4 | 1/2 | 7/8 | 1.98 | .88 | .564 |
| 68HB-12-12 | 3/4 | 3/4 | 1 1/16 | 2.04 | .97 | .625 |
| 68HB-16-12 | 1 | 3/4 | 1 1/8 | 2.12 | 1.00 | .750 |
| 68HB-16-16 | 1 | 1 | 1.38 | 2.31 | 1.00 | .812 |



Beaded Hose Barb to SAE Straight Thread 685HB

| PART NO. | I.D. HOSE SIZE | STRAIGHT THREAD | C HEX | L | M | FLOW DIA.D |
|-------------|----------------|-----------------|-------|------|-----|------------|
| 685HB-4-4 | 1/4 | 7/16-20 | 9/16 | 1.40 | .78 | .18 |
| 685HB-6-4 | 3/8 | 7/16-20 | 9/16 | 1.39 | .78 | .18 |
| 685HB-8-8 | 1/2 | 3/4-16 | 7/8 | 1.48 | .78 | .40 |
| 685HB-10-8 | 5/8 | 3/4-16 | 7/8 | 1.56 | .78 | .40 |
| 685HB-12-8 | 3/4 | 3/4-16 | 7/8 | 1.75 | .97 | .40 |
| 685HB-12-12 | 3/4 | 1 1/16-12 | 1 1/4 | 1.82 | .97 | .62 |
| 685HB-16-8 | 1 | 3/4-16 | 1 1/8 | 1.79 | .97 | .40 |
| 685HB-16-12 | 1 | 1 1/16-12 | 1 1/4 | 1.99 | .97 | .62 |

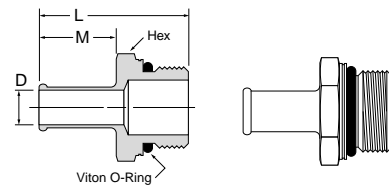


Note: Fluorocarbon o-ring is standard

Hose Barb to Metric Adaptor 68HB-X-MIX

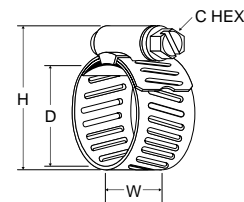
| PART NUMBER | TUBE SIZE | METRIC THREAD | HEX | L | M | D |
|-------------|-----------|---------------|-------|------|-----|-----|
| 68HB-6-MI12 | 3/8 | M12 x 1.5 | 11/16 | 1.50 | .78 | .24 |
| 68HB-6-MI14 | 3/8 | M14 1.5 | 3/4 | 1.51 | .78 | .30 |
| 68HB-8-MI12 | 1/2 | M12 x 1.5 | 11/16 | 1.50 | .78 | .24 |

Note: Fluorocarbon o-ring is standard



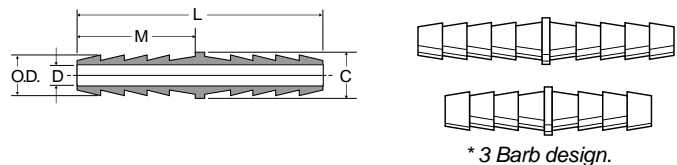
Stainless Steel Worm Drive Clamp 97HC

| PART NO. | MAX. D | MIN. D | C HEX | H MAX. | W |
|----------|--------|--------|-------|--------|-----|
| 97HC-3 | .62 | .25 | .25 | 1.00 | .31 |
| 97HC-6 | .87 | .38 | .31 | 1.40 | .50 |
| 97HC-8 | 1.00 | .44 | .31 | 1.53 | .50 |
| 97HC-12 | 1.25 | .50 | .31 | 1.80 | .50 |



Hose Mender 122HBL

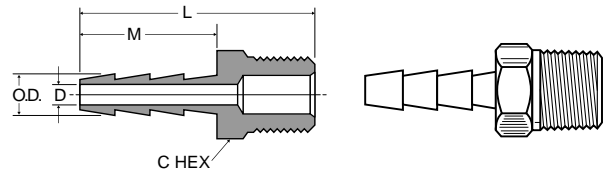
| PART NO. | I.D. HOSE SIZE | C DIA. | L | M | O.D. | FLOW DIA. D |
|-----------|----------------|--------|------|-----|------|-------------|
| 122HB-3* | 3/16 | 5/16 | 1.44 | .69 | .227 | .125 |
| 122HBL-4 | 1/4 | 3/8 | 2.00 | .97 | .290 | .187 |
| 122HBL-5 | 5/16 | 7/16 | 2.00 | .97 | .353 | .250 |
| 122HBL-6 | 3/8 | 1/2 | 2.00 | .97 | .415 | .281 |
| 122HBL-8 | 1/2 | 5/8 | 2.00 | .97 | .530 | .375 |
| 122HBL-12 | 3/4 | 7/8 | 2.00 | .97 | .790 | .562 |



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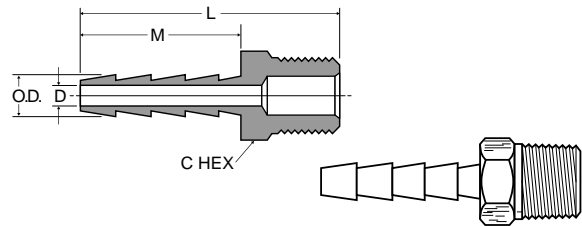
Hose Barb to Male Pipe 125HB

| PART NO. | I.D. HOSE SIZE | PIPE THREAD | C HEX | L | M | O.D. | FLOW DIA. D |
|-----------|----------------|-------------|-------|------|-----|------|-------------|
| 125HB-2-2 | 1/8 | 1/8 | 7/16 | 1.07 | .50 | .185 | .093 |
| 125HB-3-2 | 3/16 | 1/8 | 7/16 | 1.25 | .69 | .227 | .125 |
| 125HB-3-4 | 3/16 | 1/4 | 9/16 | 1.44 | .69 | .227 | .125 |



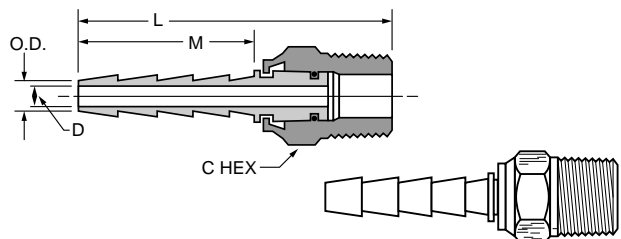
Hose Barb to Male Pipe 125HBL

| PART NO. | I.D. HOSE SIZE | PIPE THREAD | C HEX | L | M | O.D. | FLOW DIA. D |
|--------------|----------------|-------------|--------|------|------|------|-------------|
| 125HBL-4-2 | 1/4 | 1/8 | 7/16 | 1.54 | .97 | .290 | .187 |
| 125HBL-4-4 | 1/4 | 1/4 | 9/16 | 1.72 | .97 | .290 | .187 |
| 125HBL-4-6 | 1/4 | 3/8 | 11/16 | 1.77 | .97 | .290 | .187 |
| 125HBL-5-2 | 5/16 | 1/8 | 7/16 | 1.54 | .97 | .353 | .250 |
| 125HBL-5-4 | 5/16 | 1/4 | 9/16 | 1.72 | .97 | .353 | .250 |
| 125HBL-5-6 | 5/16 | 3/8 | 11/16 | 1.77 | .97 | .353 | .250 |
| 125HBL-6-2 | 3/8 | 1/8 | 7/16 | 1.54 | .97 | .415 | .281 |
| 125HBL-6-4 | 3/8 | 1/4 | 9/16 | 1.72 | .97 | .415 | .281 |
| 125HBL-6-6 | 3/8 | 3/8 | 11/16 | 1.77 | .97 | .415 | .281 |
| 125HBL-6-8 | 3/8 | 1/2 | 7/8 | 1.97 | .97 | .415 | .281 |
| 125HBL-8-4 | 1/2 | 1/4 | 9/16 | 1.72 | .97 | .530 | .375 |
| 125HBL-8-6 | 1/2 | 3/8 | 11/16 | 1.77 | .97 | .530 | .375 |
| 125HBL-8-8 | 1/2 | 1/2 | 7/8 | 1.97 | .97 | .530 | .375 |
| 125HBL-8-12 | 1/2 | 3/4 | 1-1/16 | 1.98 | .97 | .530 | .375 |
| 125HBL-10-6 | 5/8 | 3/8 | 11/16 | 1.77 | .97 | .645 | .468 |
| 125HBL-10-8 | 5/8 | 1/2 | 7/8 | 1.97 | .97 | .645 | .468 |
| 125HBL-10-12 | 5/8 | 3/4 | 1-1/16 | 1.98 | .97 | .645 | .468 |
| 125HBL-12-8 | 3/4 | 1/2 | 7/8 | 1.97 | .97 | .790 | .562 |
| 125HBL-12-12 | 3/4 | 3/4 | 1-1/16 | 1.98 | .97 | .790 | .562 |
| 125HBL-16-12 | 1 | 3/4 | 1-1/16 | 2.18 | 1.17 | 1.02 | .750 |
| 125HBL-16-16 | 1 | 1 | 1-3/8 | 2.36 | 1.17 | 1.02 | .875 |



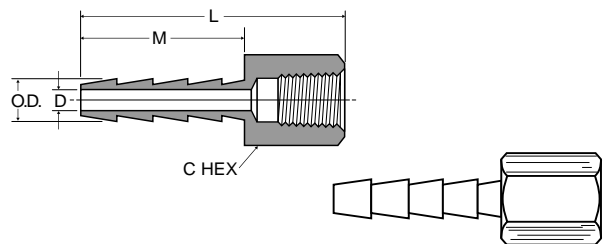
Male Swivel Hose Barb 125HBLSV

| PART NO. | I.D. HOSE SIZE | PIPE THREAD | C HEX | L | M | O.D. | FLOW DIA. D |
|--------------|----------------|-------------|-------|------|-----|------|-------------|
| 125HBLSV-4-4 | 1/4 | 1/4 | 11/16 | 2.14 | .97 | .290 | .187 |
| 125HBLSV-6-4 | 3/8 | 1/4 | 11/16 | 2.14 | .97 | .415 | .250 |
| 125HBLSV-6-6 | 3/8 | 3/8 | 11/16 | 2.14 | .97 | .415 | .250 |
| 125HBLSV-8-8 | 1/2 | 1/2 | 7/8 | 2.48 | .97 | .530 | .375 |



Hose Barb to Female Pipe 126HBL

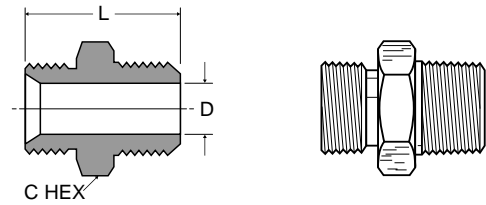
| PART NO. | I.D. HOSE SIZE | PIPE THREAD | C HEX | L | M | O.D. | FLOW DIA. D |
|--------------|----------------|-------------|-------|------|-----|------|-------------|
| 126HBL-4-2 | 1/4 | 1/8 | 1/2 | 1.47 | .97 | .290 | .187 |
| 126HBL-4-4 | 1/4 | 1/4 | 11/16 | 1.58 | .97 | .290 | .187 |
| 126HBL-5-4 | 5/16 | 1/4 | 11/16 | 1.58 | .97 | .353 | .250 |
| 126HBL-6-2 | 3/8 | 1/8 | 1/2 | 1.47 | .97 | .415 | .281 |
| 126HBL-6-4 | 3/8 | 1/4 | 11/16 | 1.58 | .97 | .415 | .281 |
| 126HBL-6-6 | 3/8 | 3/8 | 13/16 | 1.63 | .97 | .415 | .281 |
| 126HBL-8-6 | 1/2 | 3/8 | 13/16 | 1.59 | .97 | .530 | .375 |
| 126HBL-8-8 | 1/2 | 1/2 | 1 | 1.73 | .97 | .530 | .375 |
| 126HBL-12-12 | 3/4 | 3/4 | 1-1/4 | 1.92 | .97 | .790 | .562 |



Ball-End Joint Adapter to Male Pipe 127HB

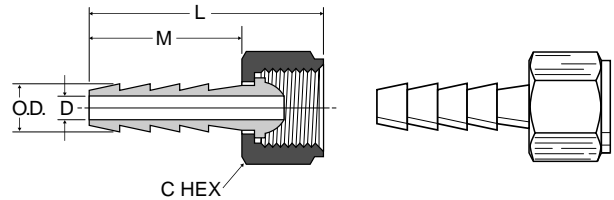
For use with 128HBLSV

| PART NO. | MALE N.P.S.M. THREAD | MALE N.P.T. THREAD | C HEX | L | FLOW DIA. D |
|-----------|----------------------|--------------------|-------|------|-------------|
| 127HB-4-2 | 1/4 | 1/8 | 9/16 | .91 | .219 |
| 127HB-4-4 | 1/4 | 1/4 | 9/16 | 1.10 | .281 |
| 127HB-6-4 | 3/8 | 1/4 | 11/16 | 1.10 | .312 |
| 127HB-6-6 | 3/8 | 3/8 | 11/16 | 1.15 | .406 |
| 127HB-8-6 | 1/2 | 3/8 | 7/8 | 1.25 | .406 |
| 127HB-8-8 | 1/2 | 1/2 | 7/8 | 1.50 | .531 |



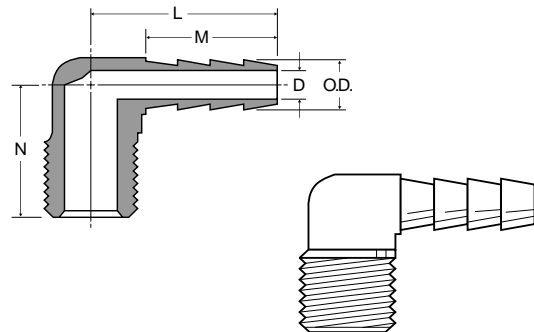
Hose Barb to Swivel Female Ball-End 128HBLSV

| PART NO. | I.D. HOSE SIZE | FEMALE N.P.S.M. THREAD | C HEX | L | M | O.D. | FLOW DIA. D |
|--------------|----------------|------------------------|-------|------|-----|------|-------------|
| 128HBLSV-4-4 | 1/4 | 1/4 | 5/8 | 1.50 | .97 | .290 | .187 |
| 128HBLSV-5-4 | 5/16 | 1/4 | 5/8 | 1.50 | .97 | .353 | .250 |
| 128HBLSV-6-4 | 3/8 | 1/4 | 5/8 | 1.63 | .97 | .415 | .250 |
| 128HBLSV-6-6 | 3/8 | 3/8 | 3/4 | 1.50 | .97 | .415 | .281 |
| 128HBLSV-8-8 | 1/2 | 1/2 | 29/32 | 1.52 | .97 | .530 | .375 |



Hose Barb 90° Elbow to Male Pipe 129HB

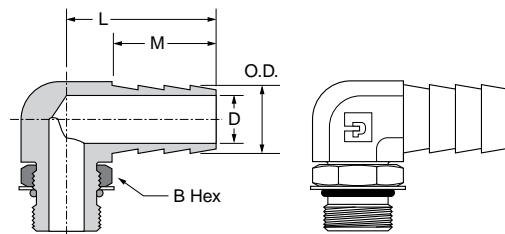
| PART NO. | I.D. HOSE SIZE | PIPE THREAD | L | M | N | O.D. | FLOW DIA. D |
|-------------|----------------|-------------|------|-----|------|------|-------------|
| 129HB-3-2 | 3/16 | 1/8 | .97 | .69 | .66 | .227 | .173 |
| 129HB-4-2 | 1/4 | 1/8 | 1.04 | .76 | .66 | .290 | .187 |
| 129HB-4-4 | 1/4 | 1/4 | 1.06 | .76 | .86 | .290 | .187 |
| 129HB-4-6 | 1/4 | 3/8 | 1.30 | .76 | .84 | .290 | .187 |
| 129HB-5-2 | 5/16 | 1/8 | 1.06 | .76 | .66 | .353 | .234 |
| 129HB-5-4 | 5/16 | 1/4 | 1.12 | .76 | .84 | .353 | .234 |
| 129HB-5-6 | 5/16 | 3/8 | 1.19 | .76 | .84 | .353 | .234 |
| 129HB-6-2 | 3/8 | 1/8 | 1.32 | .97 | .94 | .415 | .281 |
| 129HB-6-4 | 3/8 | 1/4 | 1.32 | .97 | .94 | .415 | .281 |
| 129HB-6-6 | 3/8 | 3/8 | 1.50 | .97 | 1.06 | .415 | .281 |
| 129HB-6-8 | 3/8 | 1/2 | 1.52 | .97 | 1.25 | .415 | .281 |
| 129HB-8-4 | 1/2 | 1/4 | 1.53 | .97 | 1.06 | .530 | .375 |
| 129HB-8-6 | 1/2 | 3/8 | 1.53 | .97 | 1.06 | .530 | .375 |
| 129HB-8-8 | 1/2 | 1/2 | 1.53 | .97 | 1.25 | .530 | .375 |
| 129HB-12-12 | 3/4 | 3/4 | 1.33 | .79 | 1.27 | .790 | .562 |



Hose Barb Elbow to SAE Straight Thread 1295HB

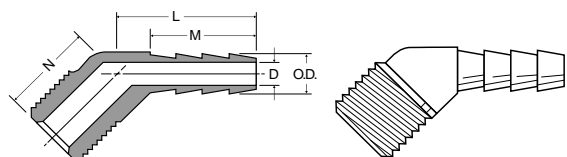
| PART NO. | I.D. HOSE SIZE | STRAIGHT THREAD | B HEX | L | M | O.D. | FLOW DIA. D |
|------------|----------------|-----------------|-------|------|------|------|-------------|
| 1295HB-6-6 | 3/8 | 9/16-18 | 11/16 | 1.10 | 1.11 | .410 | .270 |

Note: Fluorocarbon o-ring is standard



Hose Barb 45° Elbow to Male Pipe 139HB

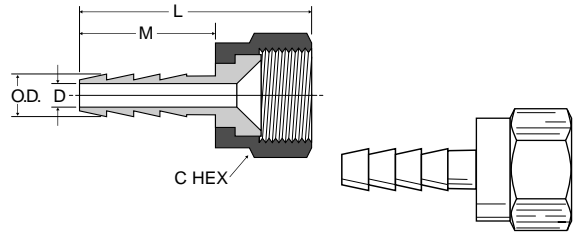
| PART NO. | I.D. HOSE SIZE | PIPE THREAD | L | M | N | O.D. | FLOW DIA. D |
|-----------|----------------|-------------|------|-----|-----|------|-------------|
| 139HB-4-2 | 1/4 | 1/8 | .91 | .76 | .68 | .290 | .187 |
| 139HB-4-4 | 1/4 | 1/4 | 1.00 | .76 | .68 | .290 | .187 |
| 139HB-6-4 | 3/8 | 1/4 | 1.00 | .76 | .68 | .415 | .281 |



G

Hose Barb to Swivel 45° Female Flare 146HBLFSV

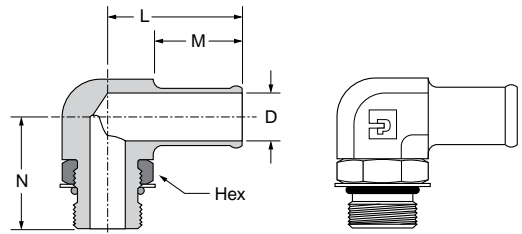
| PART NO. | I.D. HOSE SIZE | STRAIGHT THREAD | C HEX | L | M | O.D. | FLOW DIA. D |
|---------------|----------------|-----------------|-------|------|-----|------|-------------|
| 146HBLFSV-4-4 | 1/4 | 7/16-20 | 9/16 | 1.55 | .97 | .290 | .187 |
| 146HBLFSV-4-6 | 1/4 | 5/8-18 | 3/4 | 1.72 | .97 | .290 | .187 |
| 146HBLFSV-6-6 | 3/8 | 5/8-18 | 3/4 | 1.72 | .97 | .415 | .281 |



Beaded Hose Barb Elbow to SAE Straight Thread 1695HB

| PART NUMBER | HOSE SIZE | STRAIGHT THREAD | HEX | L | M | N | D |
|--------------|-----------|-----------------|-------|------|-----|------|-----|
| 1695HB-6-4 | 3/8 | 7/16-20 | 9/16 | 1.09 | .78 | 1.10 | .18 |
| 1695HB-8-6 | 1/2 | 9/16-18 | 9/16 | 1.10 | .78 | 1.11 | .30 |
| 1695HB-8-8 | 1/2 | 3/4-16 | 7/8 | 1.28 | .78 | 1.47 | .40 |
| 1695HB-10-8 | 5/8 | 3/4-16 | 7/8 | 1.47 | .88 | 1.47 | .40 |
| 1695HB-10-10 | 5/8 | 7/8-14 | 1 | 1.41 | .88 | 1.60 | .50 |
| 1695HB-12-8 | 3/4 | 3/4-16 | 7/8 | 1.47 | .97 | 1.47 | .40 |
| 1695HB-12-10 | 3/4 | 7/8-14 | 1 | 1.60 | .97 | 1.62 | .50 |
| 1695HB-12-12 | 3/4 | 1 1/16-12 | 1 | 1.60 | .97 | 1.64 | .62 |
| 1695HB-16-12 | 1 | 1 1/16-12 | 1 1/4 | 1.60 | .97 | 1.75 | .60 |

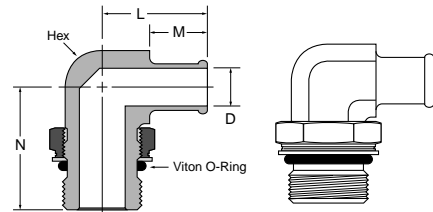
Note: Fluorocarbon o-ring is standard



Beaded Elbow to Metric Adaptor 169HB-X-MIX

| PART NUMBER | HOSE SIZE | METRIC THREAD | HEX | L | M | N | D |
|---------------|-----------|---------------|--------|------|-----|------|-----|
| 169HB-10-MI27 | 5/8 | M27 x 2.0 | 7/8 | 1.41 | .78 | 1.63 | .50 |
| 169HB-16-MI27 | 1 | M27 x 2.0 | 1 | 1.67 | .97 | 1.68 | .71 |
| 169HB-16-MI33 | 1 | M33 x 2.0 | 1 5/16 | 1.75 | .97 | 1.90 | .84 |

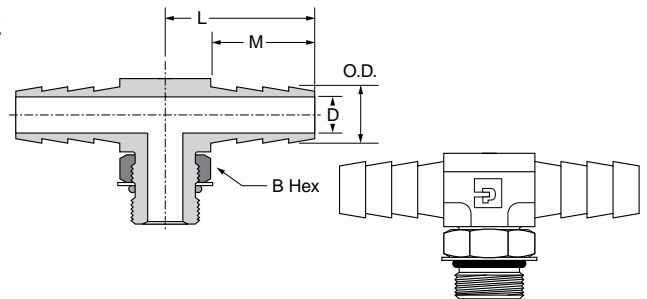
Note: Fluorocarbon o-ring is standard



Hose Barb Tee to SAE Straight Thread 1725HB

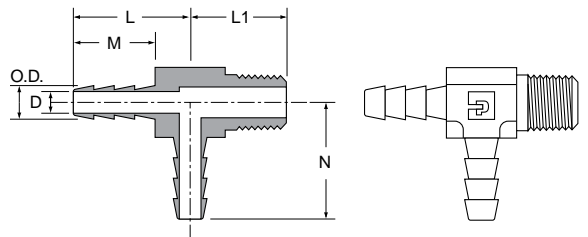
| PART NO. | I.D. HOSE SIZE | STRAIGHT THREAD | B HEX | L | M | O.D. | FLOW DIA. D |
|------------|----------------|-----------------|-------|------|------|------|-------------|
| 1725HB-6-6 | 3/8 | 9/16-18 | 11/16 | 2.20 | 1.10 | .420 | .280 |

Note: Fluorocarbon o-ring is standard



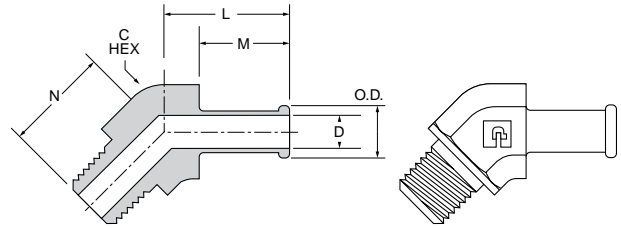
Hose Barb Tee to Male Pipe 171HB

| PART NO. | I.D. HOSE SIZE | PIPE THREAD | L | L1 | M | N | O.D. | FLOW DIA. D |
|-----------|----------------|-------------|------|-----|-----|------|------|-------------|
| 171HB-4-4 | 1/4 | 1/4 | 1.10 | .85 | .76 | 1.10 | .290 | .187 |



Beaded Hose Barb 45° Elbow Tube to Male Pipe 179HB

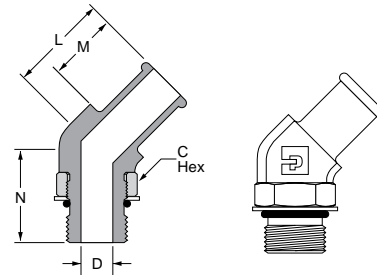
| PART NO. | I.D. HOSE SIZE | NPTF THREAD | C HEX | L | M | N | O.D. | FLOW DIA. D |
|------------|----------------|-------------|-------|------|-----|------|------|-------------|
| 179HB-6-4 | 3/8 | 1/4-18 | .75 | 1.09 | .78 | .93 | .45 | .28 |
| 179HB-6-6 | 3/8 | 3/8-18 | .75 | 1.09 | .78 | .93 | .45 | .28 |
| 179HB-10-8 | 5/8 | 1/2-14 | .81 | 1.19 | .78 | 1.13 | .70 | .50 |
| 179HB-12-8 | 3/4 | 1/2-14 | .81 | 1.19 | .78 | 1.13 | .83 | .56 |



Beaded Hose Barb 45° Elbow Tube to Straight Thread 1795HB

| PART NO. | I.D. HOSE SIZE | STRAIGHT THREAD | C HEX | L | M | N | FLOW DIA. D |
|--------------|----------------|-----------------|-------|------|-----|------|-------------|
| 1795HB-8-8 | 1/2 | 3/4-16 | 7/8 | 1.12 | .78 | 1.16 | .400 |
| 1795HB-10-8 | 5/8 | 3/4-16 | 7/8 | 1.22 | .88 | 1.16 | .398 |
| 1795HB-12-8 | 3/4 | 3/4-16 | 7/8 | 1.22 | .88 | 1.16 | .398 |
| 1795HB-12-12 | 3/4 | 1 1/16-12 | 1 1/4 | 1.35 | .97 | 1.65 | .620 |
| 1795HB-16-12 | 1 | 1 1/16-12 | 1 1/4 | 1.38 | .97 | 1.47 | .620 |
| 1795HB-16-14 | 1 | 1 3/16-12 | 1 3/8 | 1.25 | .97 | 1.80 | .720 |

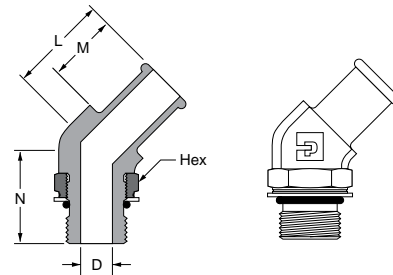
Note: Fluorocarbon o-ring is standard



Beaded Hose Barb 45 Elbow to Metric Thread 179HB-X-MIX

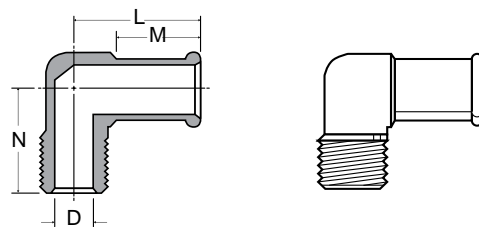
| PART NUMBER | HOSE SIZE | METRIC THREAD | HEX | L | M | N | D |
|---------------|-----------|---------------|--------|------|-----|------|-----|
| 179HB-12-MI18 | 3/4 | M18 x 1.5 | 13/16 | 1.15 | .78 | 1.16 | .44 |
| 179HB-16-MI27 | 1 | M27 x 2.0 | 1 1/16 | 1.51 | .97 | 1.71 | .71 |

Note: Fluorocarbon o-ring is standard



Beaded Hose Barb 90° Elbow Tube to Male Pipe 269HB

| PART NO. | I.D. HOSE SIZE | PIPE THREAD | L | M | N | FLOW DIA. D |
|-------------|----------------|-------------|------|-----|------|-------------|
| 269HB-6-6 | 3/8 | 3/8 | 1.19 | .78 | .88 | .281 |
| 269HB-8-4 | 1/2 | 1/4 | 1.16 | .78 | .99 | .310 |
| 269HB-8-6 | 1/2 | 3/8 | 1.16 | .78 | 1.08 | .406 |
| 269HB-8-8 | 1/2 | 1/2 | 1.28 | .78 | 1.25 | .406 |
| 269HB-10-4 | 5/8 | 1/4 | 1.13 | .78 | .99 | .312 |
| 269HB-10-6 | 5/8 | 3/8 | 1.16 | .78 | .99 | .406 |
| 269HB-10-8 | 5/8 | 1/2 | 1.28 | .78 | 1.25 | .501 |
| 269HB-12-8 | 3/4 | 1/2 | 1.28 | .78 | 1.25 | .563 |
| 269HB-12-12 | 3/4 | 3/4 | 1.33 | .78 | 1.27 | .625 |



Beaded Hose Barb 45° Elbow Tube to Male Pipe 279HB

| PART NO. | I.D. HOSE SIZE | NPTF THREAD | C HEX | L | M | N | O.D. | FLOW DIA. D |
|-------------|----------------|-------------|-------|------|-----|------|------|-------------|
| 279HB-16-12 | 1 | 3/4-14 | 1.12 | 1.38 | .97 | 1.13 | 1.06 | .720 |

