



# *Equipment* EQUIPMENT

Visit Crimpsource at  
[www.parker.com/crimpsource](http://www.parker.com/crimpsource), your online  
resource for hose crimp specifications.



Minikrimp

Karrykrimp

Parkrimp 1

PHastkrimp



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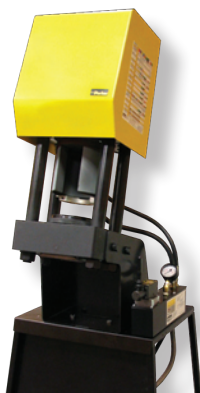
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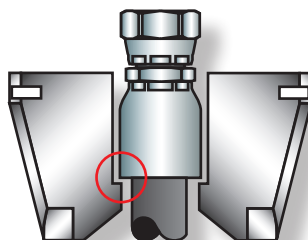


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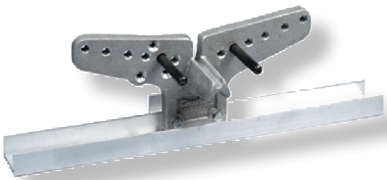
Hose Cut-Off Machine

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Hose Cut-Off Machine

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Hose  
**A**Fittings  
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# Hose Assemblies Are Easy With the Parkrimp System.

Since its introduction in 1980, the Parkrimp family of crimping machines has led the industry in ease of use and rugged durability.

When it comes to hose assemblies, no one puts it all together like Parker. From high-volume productivity to portable on-site assembly, we offer a variety of crimping machines, No-Skive hoses, and No-Skive fittings to meet your needs.

With Parkrimp equipment, anyone can make factory-quality hose assemblies quickly, easily, and cost effectively. Parkrimp machines are simple to operate and they're built to provide years of dependable service. Seven Parkrimp models – an entire family of crimpers – are available to meet your bench-mounted or portable needs, crimping straight or bent-stem fittings from 1/4" to 2" in diameter. Just use our No-Skive hoses and fittings to create leak-free hose assemblies whenever and wherever you need them.

The complete system from one source: No-Skive hose, No-Skive fittings, and crimping machines with worldwide availability and service.



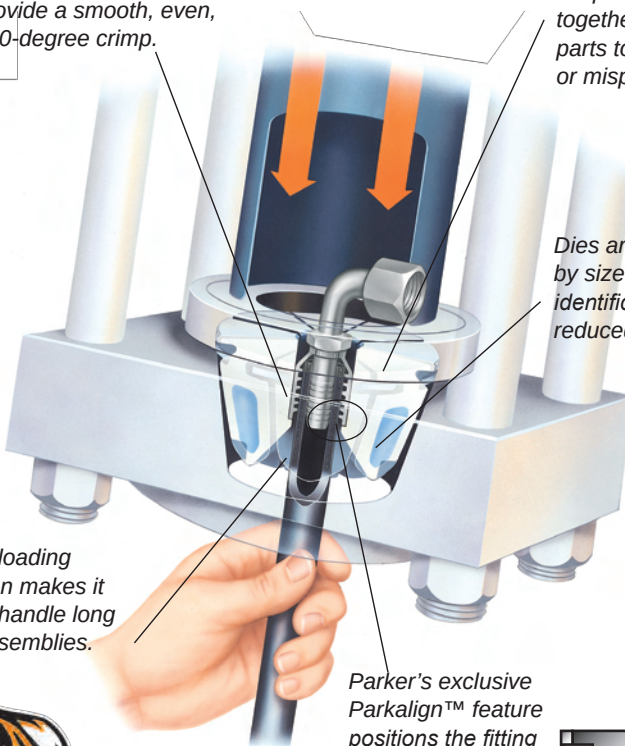
With Parkrimp, you benefit from a full length crimp.



Our low profile design makes routing hose assemblies easy.

No-Skive hoses and fittings combine with the Parkrimp system to create high quality, reliable hydraulic hose assemblies every time.

Eight segment crimp dies provide a smooth, even, 360-degree crimp.

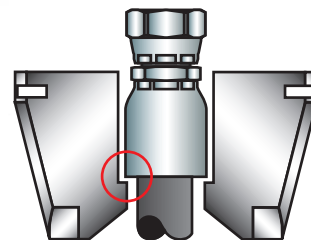


Our linked crimp dies keep die segments together. No loose parts to mismatch or misplace.

Dies are color-coded by size for easy identification and reduced set-up time.

Bottom-loading operation makes it easy to handle long hose assemblies.

Parker's exclusive Parkalign™ feature positions the fitting in the dies perfectly every time.



Be sure to check [www.parker.com/crimpsource](http://www.parker.com/crimpsource) for the most up to date information and crimp specifications.

## Selecting the right die.

Once the proper Parker Hose and Fitting is selected that meets your application requirements, you will need to select the proper die to assemble them together.

Based on the hose size and approved fitting, select the proper color coded die, as called out in the chart below.

### Example:

|                       |           |
|-----------------------|-----------|
| Hose                  | 451TC-4   |
| Fitting               | 43 Series |
| Die Body Color        | Silver    |
| Die Cavity Color (-4) | RED       |

Based on the Parkrimp machine being used to assemble the hose and fitting, individual die part numbers and tooling selection for your assembly can be found in Section C of this catalog.

For general hose assembly instructions for all Parkrimp machines, please turn to pages C-16 and C-17. (An instructional video is a standard part of each Parkrimp machine shipped from the manufacturer.)

Parker Hose Products Division also offers a full line of crimping accessories, including conversion kits, cabinets, cut-off saws, push-on tables, die racks, and mandrel tool kits.



| Hose Dash Size | Die Cavity Color Code | 43 Series Die Body Color | 70 & 71 Series Die Body Color | 73, 78, S6 & 79 Series Die Body Color | 76 Series Die Body Color | 26 Series Die Body Color | 81 Series Die Body Color |
|----------------|-----------------------|--------------------------|-------------------------------|---------------------------------------|--------------------------|--------------------------|--------------------------|
|                |                       | Silver                   | Black                         | Olive Drab                            | Silver                   | Silver                   | Silver                   |
| -4             | RED                   |                          | N/A                           | N/A                                   | N/A                      |                          | N/A                      |
| -5             | PURPLE                |                          | N/A                           | N/A                                   | N/A                      |                          | N/A                      |
| -6             | YELLOW                |                          |                               | N/A                                   | N/A                      |                          | N/A                      |
| -8             | BLUE                  |                          |                               | N/A                                   | N/A                      |                          | N/A                      |
| -10            | ORANGE                |                          |                               | N/A                                   | N/A                      |                          | N/A                      |
| -12            | GREEN                 |                          |                               |                                       |                          |                          |                          |
| -16            | BLACK                 |                          |                               |                                       |                          |                          |                          |
| -20            | WHITE                 |                          |                               |                                       | N/A                      |                          |                          |
| -24            | RED                   |                          |                               |                                       | N/A                      |                          |                          |
| -32            | GREEN                 |                          |                               |                                       | N/A                      |                          |                          |

| Hose Dash Size | Die Cavity Color Code | HY Series Die Body Color |
|----------------|-----------------------|--------------------------|
|                |                       | Silver                   |
| -4             | BROWN                 |                          |
| -5             | BROWN                 |                          |
| -6             | BROWN                 |                          |
| -8             | BROWN                 |                          |
| -10            | BROWN                 |                          |
| -12            | BROWN                 |                          |
| -16            | BROWN                 |                          |

Reference pages C-6 through C-15 for specific tool information regarding hose, fitting, and crimper combinations.

## Minikrimp™



## Features

- Light weight, portable, compact all-in-one unit
- Handpump or air over hydraulic design
- Removable pusher design for easy die change out
- Reference page C-20 for information on available power units
- For use with 25, 26, 43, 81, and HY Series fittings
- Do not crimp stainless steel fittings

## Specifications

- Dimensions: 6" wide, 13" deep, 15" high
- Weight: 42 lbs (with hand pump)
- Rating: 30 ton force @ 10,000 psi maximum
- Full Cycle Time: 30 seconds

## Important

The Minikrimp was developed by Parker Hannifin Parflex Division but is compatible with Parker Hannifin Hose Products Division products. Refer to Crimpsource™ on [www.parker.com/crimpsource](http://www.parker.com/crimpsource) (the online resource for hose crimp specifications for the complete line of Parker crimping machines). Any engineering and crimper performance issues pertaining to the Minikrimp should be directed to the Parflex Division, Technical Services Department, at (330) 296-2871 or fax, at (330) 296-8433.

## Standard Equipment

| Part Number  |               | Description                                          | Individual Part Number |
|--------------|---------------|------------------------------------------------------|------------------------|
| 94C- 001-PFD | 94C- 002 -PFD |                                                      |                        |
| ●            | ●             | Base unit                                            | 94C-080-PFD            |
| ●            |               | Hand pump                                            | 015301                 |
|              | ●             | Air over hydraulic pump kit with tubing and adapters | 025411                 |
| ●            | ●             | Silver die ring                                      | 82C-R01-PFD            |

## Optional Tooling

- Side Vise Mount (015736)
- Upright Table Mount (015306)
- Upright Vise Mount (015307)
- Black Die Ring (82C-R02-PFD)
- Connection Hose with Quick Coupling (015309)
- Bent Tube for Hand Pump Only (015308)
- Bent Tube for Air Over Hydraulic Pump Only (025349)

## Note:

- For crimp instructions, see pages C-16 and C-17.
- Hose assemblies must be inspected for cleanliness and free of all foreign particles.
- Parker Hannifin will not accept responsibility for the operation of, or provide warranty coverage for, a crimper that is operated by a power unit other than equipment supplied by Parker Hannifin for the express purpose of operating the crimper.



## Minikrimp™ Hose Die Selection Chart

| Hose 7/08 |       |       | Fittings  | Hose/Die Selection and Crimp Diameters 7/08 |            |            |            |             |             |             | Die Ring                                                                            |       |                                                                                     |
|-----------|-------|-------|-----------|---------------------------------------------|------------|------------|------------|-------------|-------------|-------------|-------------------------------------------------------------------------------------|-------|-------------------------------------------------------------------------------------|
|           |       |       |           | - 4<br>RED                                  | - 5<br>PUR | - 6<br>YEL | - 8<br>BLU | - 10<br>ORG | - 12<br>GRN | - 16<br>BLK |                                                                                     |       |                                                                                     |
| Die       |       |       | 43 Series | 80C-A04                                     | 80C-A05    | 80C-A06    | 80C-A08    | 80C-A10     | 80C-A12     | 80C-A16     |                                                                                     |       |                                                                                     |
| 351TC     | 431   | 471ST |           |                                             |            |            |            |             |             |             |                                                                                     |       |                                                                                     |
| 351ST     | 436   | 472TC |           | 0.645                                       | 0.710      | 0.825      | 0.945      | 1.060       | 1.245       | 1.590       |  |       |                                                                                     |
| 422       | 451TC | 482T  |           | 0.665                                       | 0.730      | 0.845      | 0.965      | 1.080       | 1.265       | 1.610       | Silver                                                                              |       |                                                                                     |
| 424       | 451ST | 482ST |           |                                             |            |            |            |             |             |             |                                                                                     |       |                                                                                     |
| 426       | 471TC |       |           |                                             |            |            |            |             |             |             |                                                                                     |       |                                                                                     |
| 421WC     | 304   | 601   | 26 Series | 0.685                                       | 0.750      | 0.865      | 0.985      | 1.100       | 1.285       | 1.630       |  |       |                                                                                     |
| 302/301   | 341   | 604   |           | 0.705                                       | 0.770      | 0.885      | 1.005      | 1.120       | 1.305       | 1.650       | Black                                                                               |       |                                                                                     |
| 301LT     | 381   | 881   |           |                                             |            |            |            |             |             |             |                                                                                     |       |                                                                                     |
| Die       |       |       |           | 80C-E04                                     | 80C-E05    | 80C-E06    | 80C-E08    | 80C-E10     | 80C-E12     | 80C-E16     |                                                                                     |       |                                                                                     |
| 213       | 285   | 293   |           | 0.460                                       | 0.520      | 0.575      | 0.670      | 0.805       | 0.915       | 1.175       |  |       |                                                                                     |
|           |       |       | 0.480     | 0.540                                       | 0.595      | 0.690      | 0.825      | 0.935       | 1.195       | Silver      |                                                                                     |       |                                                                                     |
| 201       | 225   | 266   | 81 Series | 0.500                                       | 0.560      | 0.615      | 0.710      | 0.845       | 0.955       | 1.215       |  |       |                                                                                     |
| 206       | 244   | 221FR |           | 0.520                                       | 0.580      | 0.635      | 0.730      | 0.865       | 0.975       | 1.235       | Black                                                                               |       |                                                                                     |
| Die       |       |       |           | 80C-V12                                     |            |            |            |             |             |             | 80C-V16                                                                             |       |                                                                                     |
| 811       | 811HT | 881   |           |                                             |            |            |            |             |             |             | 1.155                                                                               | 1.450 |  |
|           |       |       |           |                                             |            |            |            |             |             |             | 1.175                                                                               | 1.470 | Silver                                                                              |
| Die       |       |       | 80C-H585  |                                             |            | 80C-H735   | 80C-H840   | 80C-H970    | 80C-H1120   |             |                                                                                     |       |                                                                                     |
| AX        |       |       | HY Series | 0.595                                       |            | 0.745      | 0.850      | 0.980       | 1.130       |             |  |       |                                                                                     |
|           |       |       |           | 0.575                                       |            | 0.725      | 0.830      | 0.960       | 1.110       |             | Silver                                                                              |       |                                                                                     |
| Die       |       |       |           | 80C-H605                                    |            |            | 80C-H775   | 80C-H885    | 80C-H1010   | 80C-H1170   |                                                                                     |       |                                                                                     |
| BXX       |       |       |           | 0.655                                       |            | 0.825      | 0.935      | 1.060       | 1.220       |             |  |       |                                                                                     |
|           |       |       |           | 0.635                                       |            | 0.805      | 0.915      | 1.040       | 1.200       |             | Black                                                                               |       |                                                                                     |



Parker Hannifin Corp.  
Hose Products Division  
30240 Lakeland Blvd.  
Wickliffe, Ohio 44092

Caution: Read the operations and technical manual before attempting to operate this machinery. Keep hands clear of moving parts when operating machine.

NOTE: Do not use this machine to assemble stainless steel fittings with any hose listed on this chart



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NOTE: Do not use this machine to assemble stainless steel fittings with any hose listed on this chart

For a new decal, contact Parker at: 1-800-C-PARKER.

Hose  
**A**Fittings  
**B**Parkrimp Equipment  
**C**Accessories  
**D**Technical  
**E**



## Karrykrimp



### Features

- Portable, compact rugged design
- Numerous power unit options available
- Pivoting pusher design for easy die change out
- For use with 25, 26, 43, 81, and HY Series fittings

### Specifications

- Dimensions: 15" wide, 12" deep, 27" high
- Weight: 54 lbs (without power unit)
- Rating: 30 ton force @ 10,000 psi maximum
- Full Cycle Time: 30 seconds with electric pump
- Reference page C-20 for information on available power units

### Standard Equipment

| Part Number |         |         |         | Description                                          | Individual Part Number |
|-------------|---------|---------|---------|------------------------------------------------------|------------------------|
| 82C-001     | 82C-002 | 82C-061 | 82C-080 |                                                      |                        |
| ●           | ●       | ●       | ●       | Karrykrimp portable crimper (base unit)              | 82C-080                |
| ●           | ●       | ●       | ●       | 2 piece stand                                        | 832021                 |
| ●           |         |         |         | Hand pump                                            | 82C-0HP                |
| ●           | ●       | ●       |         | Connection hose with quick coupling                  | 82C-00L                |
| ●           | ●       | ●       |         | Silver die ring                                      | 82C-R01                |
| ●           | ●       | ●       |         | Black die ring                                       | 82C-R02                |
| ●           | ●       |         |         | 43 Series dies (sizes 1/4", 3/8", 1/2", 3/4" and 1") | 80C-Axx                |

## Parkrimp 1



### Features

- Compact bench mount design
- Engineered for optimal durability
- All in one crimper and power unit design
- For use with 25, 26, 43, 81, and HY Series fittings

### Specifications

- Dimensions: 26" wide, 20" deep, 25" high
- Weight: 275 lbs (with power unit)
- Rating: 30 ton force @ 3,000 psi maximum
- Full Cycle Time: 20 seconds
- Hydraulic Fluid: AW32 oil
- **Note:** Includes a 115/230 volt, 1 phase, 60 hertz power unit wired for 115V. This unit comes with a 20 AMP male plug and must be run on a dedicated 20 AMP circuit.

### Standard Equipment

| Part Number |         |         | Description                                                                    | Individual Part Number |
|-------------|---------|---------|--------------------------------------------------------------------------------|------------------------|
| 80C-101     | 80C-061 | 80C-181 |                                                                                |                        |
| ●           | ●       | ●       | Parkrimp 1 crimper with 115/230 volt, 1 phase, 60 Hz power unit wired for 115V | 80C-181                |
| ●           | ●       |         | Silver die ring                                                                | 80C-R01                |
| ●           | ●       |         | Black die ring                                                                 | 80C-R02                |
| ●           |         |         | 43 Series dies (sizes 1/4", 3/8", 1/2", 3/4" and 1")                           | 80C-Axx                |

#### Note:

- For crimp instructions, see pages C-16 and C-17.
- Hose assemblies must be inspected for cleanliness and free of all foreign particles.
- Parker Hannifin will not accept responsibility for the operation of, or provide warranty coverage for, a crimper that is operated by a power unit other than equipment supplied by Parker Hannifin for the express purpose of operating the crimper.



## Parkrimp 1/Karrykrimp Hose Die Selection Chart

| PN: PK1/KK HOSE DECAL<br>Hose 7/08 |       |       | Fittings  | Hose/Die Selection and Crimp Diameters |            |                |                |                |                | PN: PK1/KK MASTER DECAL 8/07 |                |                                                                                     |
|------------------------------------|-------|-------|-----------|----------------------------------------|------------|----------------|----------------|----------------|----------------|------------------------------|----------------|-------------------------------------------------------------------------------------|
| Die                                |       |       |           | - 4<br>RED                             | - 5<br>PUR | - 6<br>YEL     | - 8<br>BLU     | - 10<br>ORG    | - 12<br>GRN    | - 16<br>BLK                  | - 20<br>WHT    | Die Ring                                                                            |
| 351TC                              | 431   | 471ST | 43 Series | 80C-A04                                | 80C-A05    | 80C-A06        | 80C-A08        | 80C-A10        | 80C-A12        | 80C-A16                      | 80C-A20        |                                                                                     |
| 351ST                              | 436   | 472TC |           | 0.645                                  | 0.710      | 0.825          | 0.945          | 1.060          | 1.245          | 1.590                        | 1.970          |  |
| 422                                | 451TC | 482TC |           | 0.665                                  | 0.730      | 0.845          | 0.965          | 1.080          | 1.265          | 1.610                        | 1.990          | Silver                                                                              |
| 424                                | 451ST | 482ST |           |                                        |            |                |                |                |                |                              |                |                                                                                     |
| 426                                | 471TC |       |           |                                        |            |                |                |                |                |                              |                |                                                                                     |
| 421WC                              | 304   | 601   | 26 Series | 80C-E04                                | 80C-E05    | 80C-E06        | 80C-E08        | 80C-E10        | 80C-E12        | 80C-E16                      |                |                                                                                     |
| 302/301                            | 341   | 604   |           | 0.460                                  | 0.520      | 0.575          | 0.670          | 0.805          | 0.915          | 1.175                        |                |  |
| 301LT                              | 381   | 881   |           | 0.480                                  | 0.540      | 0.595          | 0.690          | 0.825          | 0.935          | 1.195                        |                |                                                                                     |
|                                    |       |       |           | 0.500                                  | 0.560      | 0.615          | 0.710          | 0.845          | 0.955          | 1.215                        |                |  |
|                                    |       |       |           | 0.520                                  | 0.580      | 0.635          | 0.730          | 0.865          | 0.975          | 1.235                        |                | Black                                                                               |
| Die                                |       |       | 81 Series |                                        |            |                |                |                | 80C-V12        | 80C-V16                      | 80C-V20        |                                                                                     |
| 811                                | 811HT | 881   |           |                                        |            |                |                |                | 1.155<br>1.175 | 1.450<br>1.470               | 1.740<br>1.760 |  |
|                                    |       |       |           |                                        |            |                |                |                |                |                              |                |                                                                                     |
| Die                                |       |       | HY Series | 80C-H585                               |            | 80C-H735       | 80C-H840       | 80C-H970       | 80C-H1120      |                              |                |                                                                                     |
| AX                                 |       |       |           | 0.575<br>0.595                         |            | 0.725<br>0.745 | 0.830<br>0.850 | 0.960<br>0.980 | 1.110<br>1.130 |                              |                |                                                                                     |
| Die                                |       |       |           | 80C-H605                               |            | 80C-H775       | 80C-H885       | 80C-H1010      | 80C-H1170      |                              |                |                                                                                     |
| BXX                                |       |       |           | 0.635<br>0.655                         |            | 0.805<br>0.825 | 0.915<br>0.935 | 1.040<br>1.060 | 1.200<br>1.220 |                              |                |                                                                                     |
|                                    |       |       |           |                                        |            |                |                |                |                |                              |                |  |



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Caution: Read the operations and technical manual before attempting to operate this machinery. Do not operate this machine without guard in place. Keep hands clear of moving parts when operating machine.

NOTE: Do not use these machines to assemble 341-20, 451TC-20, 451ST-20 or any size stainless steel fittings.

## Karrykrimp 2



## Features

- Portable, compact rugged design
- Numerous power unit options available
- Crimps both steel and stainless steel fittings
- For use with 25, 26, 43, 70, 71, 73, 78, 81, and HY Series fittings

## Specifications

- Dimensions: 14" wide, 15" deep, 30" high
- Weight: 100 lbs (without power unit)
- Rating: 60 ton force @ 10,000 psi maximum
- Full Cycle Time: 20 seconds with electric pump
- Reference page C-20 for information on available power units

## Standard Equipment

| Part Number | Description                               | Individual Part Number |
|-------------|-------------------------------------------|------------------------|
| 85C-061     |                                           |                        |
| ●           | Karrykrimp 2 portable crimper (base unit) | 85C-080                |
| ●           | 2 piece stand                             | 85C-STD                |
| ●           | Connection hose with quick coupling       | 85C-00L                |
| ●           | Silver die ring                           | 85C-R01                |
| ●           | Black die ring                            | 85C-R02                |

## Optional Tooling

- Die Kit (85C-KDA) Includes 43 Series dies in sizes 1/4", 3/8", 1/2", 3/4", 1" and 1-1/4" and 70/71 Series dies in sizes 3/8", 1/2", 3/4", 1", 1-1/4" **ONLY**.

## Note:

- For crimp instructions, see pages C-16 and C-17.
- Hose assemblies must be inspected for cleanliness and free of all foreign particles.
- Parker Hannifin will not accept responsibility for the operation of, or provide warranty coverage for, a crimper that is operated by a power unit other than equipment supplied by Parker Hannifin for the express purpose of operating the crimper.

## PHastkrimp



## Features

- Fast bench mounted unit
- Push button power on demand design
- Crimps both steel and stainless steel fittings
- For use with 25, 26, 43, 70, 71, 73, 78, 81, and HY Series fittings

## Specifications

- Dimensions: 24" wide, 33" deep, 38" high
- Weight: 550 lbs
- Rating: 60 ton force @ 4,200 psi maximum
- Full Cycle Time: 6 seconds
- Hydraulic Fluid: AW32 oil
- **Note:** The 230VAC, 3 phase, 60 Hz power unit can be rewired to 460VAC by a qualified electrician

## Standard Equipment

| Part Number |         | Description                                                                   | Individual Part Number |
|-------------|---------|-------------------------------------------------------------------------------|------------------------|
| 89C-061     | 89C-062 |                                                                               |                        |
| ●           |         | PHastkrimp crimper with 230VAC, 3 phase, 60 Hz power unit wired for 230 volts |                        |
|             | ●       | PHastkrimp crimper with 230VAC, 1 phase, 60 Hz power unit wired for 230 volts |                        |
| ●           | ●       | Silver die ring                                                               | 85C-R01                |
| ●           | ●       | Black die ring                                                                | 85C-R02                |

## PHastkrimp/Karrykrimp 2 Hose Die Selection Chart

| PN: PH1/KK2 HOSE DECAL<br>Hose 7/08 |                     |                      | Fittings  | Hose/Die Selection and Crimp Diameters |                       |                       |                       |                        |                        | PN: PH/KK2 MASTER DECAL 8/07 |                        |                                                                                                 | Die Ring |
|-------------------------------------|---------------------|----------------------|-----------|----------------------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------------|------------------------|-------------------------------------------------------------------------------------------------|----------|
| Die                                 |                     |                      |           | - 4<br>RED<br>80C-A04                  | - 5<br>PUR<br>80C-A05 | - 6<br>YEL<br>80C-A06 | - 8<br>BLU<br>80C-A08 | - 10<br>ORG<br>80C-A10 | - 12<br>GRN<br>80C-A12 | - 16<br>BLK<br>80C-A16       | - 20<br>WHT<br>80C-A20 |                                                                                                 |          |
| 351TC                               | 431                 | 471ST                | 43 Series |                                        |                       |                       |                       |                        |                        |                              |                        |                                                                                                 |          |
| 351ST                               | 436                 | 472TC                |           | 0.645                                  | 0.710                 | 0.825                 | 0.945                 | 1.060                  | 1.245                  | 1.590                        | 1.970                  |              |          |
| 422                                 | 451TC               | 482TC                |           | 0.665                                  | 0.730                 | 0.845                 | 0.965                 | 1.080                  | 1.265                  | 1.610                        | 1.990                  |                                                                                                 |          |
| 424                                 | 451ST               | 482ST                |           |                                        |                       |                       |                       |                        |                        |                              |                        |              |          |
| 426                                 | 471TC               |                      |           | 0.685                                  | 0.750                 | 0.865                 | 0.985                 | 1.100                  | 1.285                  | 1.630                        | 2.010                  |                                                                                                 |          |
| 421WC                               | 304                 | 601                  |           | 0.705                                  | 0.770                 | 0.885                 | 1.005                 | 1.120                  | 1.305                  | 1.650                        | 2.030                  |                                                                                                 |          |
| 302/301                             | 341                 | 604                  |           |                                        |                       |                       |                       |                        |                        |                              |                        |                                                                                                 |          |
| 301LT                               | 381                 | 881                  |           |                                        |                       |                       |                       |                        |                        |                              |                        |                                                                                                 |          |
| Die                                 |                     |                      |           | 83C-D06                                |                       |                       | 83C-D08               | 83C-D10                |                        |                              |                        |                                                                                                 |          |
| 701<br>F42 (-8 ONLY)                |                     |                      | 70 Series |                                        |                       | 0.990<br>1.010        | 1.140<br>1.160        | 1.260<br>1.280         |                        |                              |                        | <br>Black    |          |
| Die                                 |                     |                      |           | 83C-D06                                |                       |                       | 83C-D08               | 83C-D10                | 83C-D12                | 83C-D16                      | 83C-D20                |                                                                                                 |          |
| 711                                 | 721ST               | 772ST                | 71 Series |                                        |                       |                       |                       |                        |                        |                              |                        |              |          |
| 721                                 | 772TC               | 774                  |           |                                        |                       | 0.950<br>0.970        | 1.100<br>1.120        | 1.220<br>1.240         | 1.355<br>1.375         | 1.695<br>1.715               | 2.025<br>2.045         |                                                                                                 |          |
| Die                                 |                     |                      |           |                                        |                       |                       |                       |                        | 80C-L12                | 80C-L16                      |                        |                                                                                                 |          |
| 731                                 |                     |                      | 73 Series |                                        |                       |                       |                       |                        | 1.420<br>1.440         | 1.730<br>1.750               |                        | <br>Silver   |          |
| Die                                 |                     |                      |           |                                        |                       |                       |                       |                        | 80C-L12                | 80C-L16                      |                        |                                                                                                 |          |
| 78C                                 | 781<br>782TC        | 782ST                | 78 Series |                                        |                       |                       |                       |                        | 1.420<br>1.440         | 1.730<br>1.750               |                        | <br>Silver   |          |
| Die                                 |                     |                      |           | 80C-E04                                | 80C-E05               | 80C-E06               | 80C-E08               | 80C-E10                | 80C-E12                | 80C-E16                      |                        |                                                                                                 |          |
| 213                                 | 285                 | 293                  | 26 Series | 0.460<br>0.480                         | 0.520<br>0.540        | 0.575<br>0.595        | 0.670<br>0.690        | 0.805<br>0.825         | 0.915<br>0.935         | 1.175<br>1.195               |                        |              |          |
| 201                                 | 221FR<br>225<br>244 | 266<br>CAH<br>SS25UL |           | 0.500<br>0.520                         | 0.560<br>0.580        | 0.615<br>0.635        | 0.710<br>0.730        | 0.845<br>0.865         | 0.955<br>0.975         | 1.215<br>1.235               |                        |                                                                                                 |          |
| Die                                 |                     |                      |           |                                        |                       |                       |                       |                        | 80C-V12                | 80C-V16                      | 80C-V20                |                                                                                                 |          |
| 811                                 | 811HT               | 881                  | 81 Series |                                        |                       |                       |                       |                        | 1.155<br>1.175         | 1.450<br>1.470               | 1.740<br>1.760         | <br>Silver |          |
| Die                                 |                     |                      |           | 80C-H585                               |                       | 80C-H735              | 80C-H840              | 80C-H970               | 80C-H1120              | 80C-H1365                    |                        |                                                                                                 |          |
| AX                                  |                     |                      | HY Series | 0.575<br>0.595                         |                       | 0.725<br>0.745        | 0.830<br>0.850        | 0.960<br>0.980         | 1.110<br>1.130         | 1.355<br>1.375               |                        | <br>Silver |          |
| Die                                 |                     |                      |           | 80C-H605                               |                       | 80C-H775              | 80C-H885              | 80C-H1010              | 80C-H1170              | 80C-H1465                    |                        |                                                                                                 |          |
| BXX                                 |                     |                      |           | 0.635<br>0.655                         |                       | 0.805<br>0.825        | 0.915<br>0.935        | 1.040<br>1.060         | 1.200<br>1.220         | 1.495<br>1.515               |                        | <br>Black  |          |



Parker Hannifin Corp.  
Hose Products Division  
30240 Lakeland Blvd.  
Wickliffe, Ohio 44092

Caution: Read the operations and technical manual before attempting to operate this machinery. Do not operate this machine without guard in place. Keep hands clear of moving parts when operating machine.

NOTE: 1. Stainless steel crimper diameters are 0.010" greater than table listings with the exception of stainless steel HY series fitting which are 0.005" greater than the table listings. 2. Do not use lubricant to assemble spiral hose and fittings.



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NOTE: 1. Stainless steel crimpers diameters are 0.010" greater than table listings with the exception of stainless steel HY series fitting which are 0.005" greater than the table listings. 2. Do not use lubricant to assemble spiral hose and fittings.

For a new decal, contact Parker at: 1-800-C-PARKER.



Hose  
A

Fittings  
B

Parkrimp Equipment  
C

Accessories  
D

Technical  
E

# Superkrimp



### Features

- Easy to use table top design
- Engineered for optimal durability
- Crimps both steel and stainless steel fittings
- For use with 25, 26, 43, 70, 71, 73, 76, 78, 79, 81, and HY Series fittings

### Specifications

- Dimensions: 20" wide, 31" deep, 41" high
- Weight: 600 lbs
- Rating: 70 ton force @ 5,000 psi maximum
- Full Cycle Time: 20 seconds without adapter bowl  
15 seconds with adapter bowl
- Hydraulic oil: Enerpac oil

### Standard Equipment

| Part Number |         | Description                                                                            | Individual Part Number |
|-------------|---------|----------------------------------------------------------------------------------------|------------------------|
| 88C-081     | 88C-082 |                                                                                        |                        |
| ●           |         | Superkrimp crimper with 230/460 volt, 3 phase, 50/60 Hz power unit wired for 230 volts |                        |
|             | ●       | Superkrimp crimper with 230/460 volt, 1 phase, 50/60 Hz power unit wired for 230 volts |                        |
| ●           | ●       | Adapter bowl                                                                           | 83C-OCB                |
| ●           | ●       | Spacer ring                                                                            | 83C-R02                |
| ●           | ●       | Spacer Plate                                                                           | 83C-R02H               |

### Optional Tooling

- Die Kit (88C-KDA)

Includes 43 Series dies in sizes 1/4", 3/8", 1/2", 3/4", 1" and 1-1/4" and 70/71 Series dies in sizes 3/8", 1/2", 3/4", 1", 1-1/4" and 1-1/2" **ONLY**.

**Note:**

- For crimp instructions, see pages C-16 and C-17.
- Hose assemblies must be inspected for cleanliness and free of all foreign particles.
- Parker Hannifin will not accept responsibility for the operation of, or provide warranty coverage for, a crimper that is operated by a power unit other than equipment supplied by Parker Hannifin for the express purpose of operating the crimper.





## Superkrimp Hose Die Selection Chart

| PN: SK HOSE DECAL 7/08<br>Hose |  |  | Fittings                                                                                                                                                                        | Die Selection and Crimp Diameters |            |            |            |             |                                                                                                                     | PN: SK MASTER DECAL 8/07 |             |                                                                                                                                              |             |  |
|--------------------------------|--|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------|------------|------------|-------------|---------------------------------------------------------------------------------------------------------------------|--------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------|--|
| Die                            |  |  | 43 Series                                                                                                                                                                       | - 4<br>RED                        | - 5<br>PUR | - 6<br>YEL | - 8<br>BLU | - 10<br>ORG | - 12<br>GRN                                                                                                         | - 16<br>BLK              | - 20<br>WHT | - 24<br>RED                                                                                                                                  | - 32<br>GRN |  |
|                                |  |  |                                                                                                                                                                                 | 80C-A04                           | 80C-A05    | 80C-A06    | 80C-A08    | 80C-A10     | 80C-A12                                                                                                             | 80C-A16                  | 80C-A20     | 83C-A24                                                                                                                                      | 83C-A32     |  |
|                                |  |  |                                                                                                                                                                                 | 0.645                             | 0.710      | 0.825      | 0.945      | 1.060       | 1.245                                                                                                               | 83C-A16H                 | 83C-A20H    |                                                                                                                                              |             |  |
|                                |  |  |                                                                                                                                                                                 | 0.665                             | 0.730      | 0.845      | 0.965      | 1.080       | 1.265                                                                                                               | 1.590                    | 1.970       | 2.290                                                                                                                                        | 2.735       |  |
|                                |  |  |                                                                                                                                                                                 |                                   |            |            |            |             |                                                                                                                     | 1.610                    | 1.990       | 2.310                                                                                                                                        | 2.755       |  |
| Tools Required                 |  |  |  Small Silver Die (80C-AXX) and Adapter Bowl (83C-OCB)                                         |                                   |            |            |            |             |                                                                                                                     |                          |             |  Large Silver Die (83C-AXX)                               |             |  |
|                                |  |  | 0.685                                                                                                                                                                           | 0.750                             | 0.865      | 0.985      | 1.100      | 1.285       | 1.630                                                                                                               | 2.010                    | 2.330       | 2.775                                                                                                                                        |             |  |
|                                |  |  | 0.705                                                                                                                                                                           | 0.770                             | 0.885      | 1.005      | 1.120      | 1.305       | 1.650                                                                                                               | 2.030                    | 2.350       | 2.795                                                                                                                                        |             |  |
| Tools Required                 |  |  |  Spacer Ring (83C-R02), Small Silver Die (80C-AXX), and Adapter Bowl (83C-OCB)                 |                                   |            |            |            |             |                                                                                                                     |                          |             |  Spacer Plate (83C-R02H) and Large Silver Die (83C-AXX)   |             |  |
| Die                            |  |  |                                                                                                                                                                                 |                                   | 83C-D06    | 83C-D08    | 83C-D10    |             |                                                                                                                     |                          |             |                                                                                                                                              |             |  |
| 701 F42 (-8 ONLY)              |  |  |                                                                                                                                                                                 |                                   | 0.990      | 1.140      | 1.260      |             |                                                                                                                     |                          |             |                                                                                                                                              |             |  |
|                                |  |  |                                                                                                                                                                                 |                                   | 1.010      | 1.160      | 1.280      |             |                                                                                                                     |                          |             |                                                                                                                                              |             |  |
| Tools Required                 |  |  |  Spacer Ring (83C-R02), Small Black Die (83C-DXX), and Adapter Bowl (83C-OCB)                  |                                   |            |            |            |             |                                                                                                                     |                          |             |                                                                                                                                              |             |  |
| Die                            |  |  |                                                                                                                                                                                 |                                   | 83C-D06    | 83C-D08    | 83C-D10    | 83C-D12     | 83C-D16                                                                                                             | 83C-D20                  | 83C-D24     |                                                                                                                                              |             |  |
|                                |  |  |                                                                                                                                                                                 |                                   | 0.950      | 1.100      | 1.220      | 1.355       | 83C-D16H                                                                                                            | 83C-D20H                 |             |                                                                                                                                              |             |  |
|                                |  |  |                                                                                                                                                                                 |                                   | 0.970      | 1.120      | 1.240      | 1.375       | 1.695                                                                                                               | 2.025                    | 2.290       |                                                                                                                                              |             |  |
|                                |  |  |                                                                                                                                                                                 |                                   |            |            |            |             | 1.715                                                                                                               | 2.045                    | 2.310       |                                                                                                                                              |             |  |
| Tools Required                 |  |  |  Small Black Die (83C-DXX) and Adapter Bowl (83C-OCB)                                          |                                   |            |            |            |             |                                                                                                                     |                          |             |  Large Black Die (83C-AXX)                                |             |  |
| Die                            |  |  |                                                                                                                                                                                 |                                   |            |            |            |             | 83C-L12                                                                                                             | 83C-L16                  |             |                                                                                                                                              |             |  |
| 731                            |  |  |                                                                                                                                                                                 |                                   |            |            |            |             | 1.420                                                                                                               | 1.730                    |             |                                                                                                                                              |             |  |
|                                |  |  |                                                                                                                                                                                 |                                   |            |            |            |             | 1.440                                                                                                               | 1.750                    |             |                                                                                                                                              |             |  |
| Tools Required                 |  |  |                                                                                                                                                                                 |                                   |            |            |            |             |  Large Olive Drab (83C-LXX)       |                          |             |                                                                                                                                              |             |  |
| Die                            |  |  |                                                                                                                                                                                 |                                   |            |            |            |             | 83C-U12                                                                                                             | 83C-U16                  |             |                                                                                                                                              |             |  |
| 761                            |  |  |                                                                                                                                                                                 |                                   |            |            |            |             | 1.540                                                                                                               | 1.865                    |             |                                                                                                                                              |             |  |
|                                |  |  |                                                                                                                                                                                 |                                   |            |            |            |             | 1.560                                                                                                               | 1.885                    |             |                                                                                                                                              |             |  |
| Tools Required                 |  |  |                                                                                                                                                                                 |                                   |            |            |            |             |  Large Silver Die (83C-UXX)     |                          |             |                                                                                                                                              |             |  |
| Die                            |  |  |                                                                                                                                                                                 |                                   |            |            |            |             | 83C-L12                                                                                                             | 83C-L16                  | 83C-L20     |                                                                                                                                              |             |  |
| 78C                            |  |  |                                                                                                                                                                                 |                                   |            |            |            |             | 1.420                                                                                                               | 1.730                    | 2.140       |                                                                                                                                              |             |  |
|                                |  |  |                                                                                                                                                                                 |                                   |            |            |            |             | 1.440                                                                                                               | 1.750                    | 2.160       |                                                                                                                                              |             |  |
| Tools Required                 |  |  |                                                                                                                                                                                 |                                   |            |            |            |             |  Large Olive Drab (83C-LXX)    |                          |             |                                                                                                                                              |             |  |
| Die                            |  |  |                                                                                                                                                                                 |                                   |            |            |            |             | 83C-L12                                                                                                             | 83C-L16                  |             |                                                                                                                                              |             |  |
| 791TC                          |  |  |                                                                                                                                                                                 |                                   |            |            |            |             | 1.420                                                                                                               | 1.730                    |             |                                                                                                                                              |             |  |
|                                |  |  |                                                                                                                                                                                 |                                   |            |            |            |             | 1.440                                                                                                               | 1.750                    |             |                                                                                                                                              |             |  |
| Tools Required                 |  |  |                                                                                                                                                                                 |                                   |            |            |            |             |  Large Olive Drab Die (83C-LXX) |                          |             |                                                                                                                                              |             |  |
| Die                            |  |  | 80C-E04                                                                                                                                                                         | 80C-E05                           | 80C-E06    | 80C-E08    | 80C-E10    | 80C-E12     | 80C-E16                                                                                                             | 83C-E20                  | 83C-E24     | 83C-E32                                                                                                                                      |             |  |
| 213                            |  |  | 0.460                                                                                                                                                                           | 0.520                             | 0.575      | 0.670      | 0.805      | 0.915       | 1.175                                                                                                               | 1.420                    | 1.670       | 2.160                                                                                                                                        |             |  |
|                                |  |  | 0.480                                                                                                                                                                           | 0.540                             | 0.595      | 0.690      | 0.825      | 0.935       | 1.195                                                                                                               | 1.440                    | 1.690       | 2.180                                                                                                                                        |             |  |
| Tools Required                 |  |  |  Small Silver Die (80C-EXX) and Adapter Bowl (83C-OCB)                                       |                                   |            |            |            |             |                                                                                                                     |                          |             |  Large Silver Die (83C-EXX)                             |             |  |
|                                |  |  | 0.500                                                                                                                                                                           | 0.560                             | 0.615      | 0.710      | 0.845      | 0.955       | 1.215                                                                                                               | 1.460                    | 1.710       | 2.200                                                                                                                                        |             |  |
|                                |  |  | 0.520                                                                                                                                                                           | 0.580                             | 0.635      | 0.730      | 0.865      | 0.975       | 1.235                                                                                                               | 1.480                    | 1.730       | 2.220                                                                                                                                        |             |  |
| Tools Required                 |  |  |  Spacer Ring (83C-R02), Small Silver Die (80C-EXX), and Adapter Bowl (83C-OCB)               |                                   |            |            |            |             |                                                                                                                     |                          |             |  Spacer Plate (83C-R02H) and Large Silver Die (83C-EXX) |             |  |
| Die                            |  |  |                                                                                                                                                                                 |                                   |            |            |            |             | 80C-V12                                                                                                             | 80C-V16                  | 80C-V20     | 83C-V24                                                                                                                                      | 83C-V32     |  |
| 811                            |  |  |                                                                                                                                                                                 |                                   |            |            |            |             | 1.155                                                                                                               | 1.450                    | 1.740       | 2.010                                                                                                                                        | 2.430       |  |
|                                |  |  |                                                                                                                                                                                 |                                   |            |            |            |             | 1.175                                                                                                               | 1.470                    | 1.760       | 2.030                                                                                                                                        | 2.450       |  |
| Tools Required                 |  |  |  Small Silver Die (80C-VXX) and Adapter Bowl (83C-OCB)                                       |                                   |            |            |            |             |                                                                                                                     |                          |             |  Large Silver Die (83C-VXX)                             |             |  |
| Die                            |  |  | 80C-H585                                                                                                                                                                        |                                   | 80C-H735   | 80C-H840   | 80C-H970   | 80C-H1120   | 80C-H1365                                                                                                           |                          |             |                                                                                                                                              |             |  |
| AX                             |  |  | 0.575                                                                                                                                                                           |                                   | 0.725      | 0.830      | 0.960      | 1.110       | 1.355                                                                                                               |                          |             |                                                                                                                                              |             |  |
|                                |  |  | 0.595                                                                                                                                                                           |                                   | 0.745      | 0.850      | 0.980      | 1.130       | 1.375                                                                                                               |                          |             |                                                                                                                                              |             |  |
| Tools Required                 |  |  |  Small Silver Die (80C-HXXX or 80C-HXXXX) and Adapter Bowl (83C-OCB)                         |                                   |            |            |            |             |                                                                                                                     |                          |             |                                                                                                                                              |             |  |
| Die                            |  |  | 80C-H605                                                                                                                                                                        |                                   | 80C-H775   | 80C-H885   | 80C-H1010  | 80C-H1170   | 80C-H1465                                                                                                           |                          |             |                                                                                                                                              |             |  |
| BXX                            |  |  | 0.635                                                                                                                                                                           |                                   | 0.805      | 0.915      | 1.040      | 1.200       | 1.495                                                                                                               |                          |             |                                                                                                                                              |             |  |
|                                |  |  | 0.655                                                                                                                                                                           |                                   | 0.825      | 0.935      | 1.060      | 1.220       | 1.515                                                                                                               |                          |             |                                                                                                                                              |             |  |
| Tools Required                 |  |  |  Spacer Ring (83C-R02), Small Silver Die (80C-HXXX or 80C-HXXXX), and Adapter Bowl (83C-OCB) |                                   |            |            |            |             |                                                                                                                     |                          |             |                                                                                                                                              |             |  |



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Caution: Read the operations and technical manual before attempting to operate this machinery. Do not operate this machine without guard in place. Keep hands clear of moving parts when operating machine.



NOTE: 1. The 83C-R12 split die ring is used for all crimping operations. 2. Stainless steel crimper diameters are 0.010" greater than table listings with the exception of stainless steel HY series fitting which are 0.005" greater than the table listings. 3. Do not use lubricant to assemble spiral hose and fittings.

Hose  
AFittings  
BParkrimp Equipment  
CAccessories  
DTechnical  
E

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NOTE: 1. The 83C-R12 split die ring is used for all crimping operations. 2. Stainless steel crimp diameters are 0.010" greater than table listings with the exception of stainless steel HY series fitting which are 0.005" greater than the table listings. 3. Do not use lubricant to assemble spiral hose and fittings.

For a new decal, contact Parker at: 1-800-C-PARKER.



Hose  
A

Fittings  
B

Parkrimp Equipment  
C

Accessories  
D

Technical  
E

Parkrimp 2



Features

- Easy to use vertical design
- Crimps full range of Parker hoses from 1/4" through 2" I.D.
- Crimps both steel and stainless steel fittings
- For use with 25, 26, 43, 70, 71, 73, 76, 78, 79, 81, S6 and HY Series fittings

Specifications

- Dimensions: 31" wide, 24" deep, 77" high
- Weight: 842 lbs (Head is 558 lbs and base is 284 lbs)
- Rating: 125 ton force @ 5,000 psi maximum
- Full Cycle Time: 30 seconds without adapter bowl  
20 seconds with adapter bowl
- Hydraulic oil: Enerpac oil

Standard Equipment

| Part Number |         |         |         | Description                                                                                                                                                      | Individual Part Number |
|-------------|---------|---------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| 83C-001     | 83C-081 | 83C-002 | 83C-082 |                                                                                                                                                                  |                        |
| ●           | ●       | ●       | ●       | Parkrimp 2 crimper head assembly                                                                                                                                 | 83C-080                |
| ●           | ●       |         |         | Parkrimp 2 stand assembly with 230/460 volt, 3 phase, 50/60 Hz power unit (wired for 230 volt)                                                                   | 83C-S40                |
|             |         | ●       | ●       | Parkrimp 2 stand assembly with 230 volt, 1 phase, 50/60 Hz power unit                                                                                            | 83C-S20                |
| ●           | ●       | ●       | ●       | Adapter bowl                                                                                                                                                     | 83C-OCB                |
| ●           | ●       | ●       | ●       | Spacer ring                                                                                                                                                      | 83C-R02                |
| ●           | ●       | ●       | ●       | Spacer Plate                                                                                                                                                     | 83C-R02H               |
| ●           |         | ●       |         | Die Kit<br>Includes 43 Series dies in sizes 1/4", 3/8", 1/2", 3/4", 1", 1-1/4" dies and 70/71 Series dies in sizes 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2" ONLY | 83C-KDA                |

Note:

- For crimp instructions, see pages C-16 and C-17.
- Hose assemblies must be inspected for cleanliness and free of all foreign particles.
- Parker Hannifin will not accept responsibility for the operation of, or provide warranty coverage for, a crimper that is operated by a power unit other than equipment supplied by Parker Hannifin for the express purpose of operating the crimper.



## Parkrimp 2 Hose Die Selection Chart

| PN: PK2 HOSE DECAL 7/08 |       |       | Fittings                                                                                    | Die Selection and Crimp Diameters                                             |            |            |            |             |                                                        | PN: PK2 MASTER DECAL 5/08                              |             |             |             |       |
|-------------------------|-------|-------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|------------|------------|------------|-------------|--------------------------------------------------------|--------------------------------------------------------|-------------|-------------|-------------|-------|
| Hose                    |       |       |                                                                                             | - 4<br>RED                                                                    | - 5<br>PUR | - 6<br>YEL | - 8<br>BLU | - 10<br>ORG | - 12<br>GRN                                            | - 16<br>BLK                                            | - 20<br>WHT | - 24<br>RED | - 32<br>GRN |       |
| Die                     |       |       | 80C-A04                                                                                     | 80C-A05                                                                       | 80C-A06    | 80C-A08    | 80C-A10    | 80C-A12     | 80C-A16                                                | 80C-A20                                                | 83C-A24     | 83C-A32     |             |       |
| 351TC                   | 431   | 471ST | 43 Series                                                                                   |                                                                               |            |            |            |             |                                                        |                                                        |             |             |             |       |
| 351ST                   | 436   | 472TC |                                                                                             |                                                                               |            |            |            |             |                                                        | 83C-A16H                                               | 83C-A20H    |             |             |       |
| 422                     | 451TC | 482TC |                                                                                             | 0.645                                                                         | 0.710      | 0.825      | 0.945      | 1.060       | 1.245                                                  | 1.590                                                  | 1.970       | 2.290       | 2.735       |       |
| 424                     | 451ST | 482ST |                                                                                             | 0.665                                                                         | 0.730      | 0.845      | 0.965      | 1.080       | 1.265                                                  | 1.610                                                  | 1.990       | 2.310       | 2.755       |       |
| 426                     | 471TC |       |                                                                                             |                                                                               |            |            |            |             |                                                        |                                                        |             |             |             |       |
| Tools Required          |       |       |                                                                                             | Small Silver Die (80C-AXX) and Adapter Bowl (83C-OCB)                         |            |            |            |             |                                                        | Large Silver Die (83C-AXX)                             |             |             |             |       |
| 421WC                   | 304   | 601   |                                                                                             | 0.685                                                                         | 0.750      | 0.865      | 0.985      | 1.100       | 1.285                                                  | 1.630                                                  | 2.010       | 2.330       | 2.775       |       |
| 302/301                 | 341   | 604   |                                                                                             | 0.705                                                                         | 0.770      | 0.885      | 1.005      | 1.120       | 1.305                                                  | 1.650                                                  | 2.030       | 2.350       | 2.795       |       |
| 301LT                   | 381   | 881   |                                                                                             | Spacer Ring (83C-R02), Small Silver Die (80C-AXX), and Adapter Bowl (83C-OCB) |            |            |            |             |                                                        | Spacer Plate (83C-R02H) and Large Silver Die (83C-AXX) |             |             |             |       |
| Tools Required          |       |       |                                                                                             |                                                                               |            |            |            |             |                                                        |                                                        |             |             |             |       |
| Die                     |       |       | 70 Series                                                                                   | 83C-D06                                                                       |            |            | 83C-D08    | 83C-D10     |                                                        |                                                        |             |             |             |       |
| 701 F42 (-8 ONLY)       |       |       |                                                                                             | 0.990                                                                         |            |            | 1.140      | 1.260       |                                                        |                                                        |             |             |             |       |
|                         |       |       |                                                                                             | 1.010                                                                         |            |            | 1.160      | 1.280       |                                                        |                                                        |             |             |             |       |
| Tools Required          |       |       |                                                                                             | Spacer Ring (83C-R02), Small Black Die (83C-DXX), and Adapter Bowl (83C-OCB)  |            |            |            |             |                                                        |                                                        |             |             |             |       |
| Die                     |       |       | 71 Series                                                                                   | 83C-D06                                                                       |            |            | 83C-D08    | 83C-D10     | 83C-D12                                                | 83C-D16                                                | 83C-D20     | 83C-D24     | 83C-D32     |       |
| 711                     | 721ST | 772ST |                                                                                             |                                                                               |            |            |            |             |                                                        | 83C-D16H                                               | 83C-D20H    |             |             |       |
| 721                     | 772TC | 774   |                                                                                             |                                                                               |            |            | 0.950      | 1.100       | 1.220                                                  | 1.355                                                  | 1.695       | 2.025       | 2.290       | 2.775 |
| 721TC                   |       |       |                                                                                             |                                                                               |            |            | 0.970      | 1.120       | 1.240                                                  | 1.375                                                  | 1.715       | 2.045       | 2.310       | 2.795 |
| Tools Required          |       |       |                                                                                             | Small Black Die (83C-DXX) and Adapter Bowl (83C-OCB)                          |            |            |            |             |                                                        | Large Black Die (83C-AXX)                              |             |             |             |       |
| Die                     |       |       | 73 Series                                                                                   |                                                                               |            |            |            |             | 83C-L12                                                | 83C-L16                                                | 83C-L20     | 83C-L24     | 83C-L32     |       |
| 731                     |       |       |                                                                                             |                                                                               |            |            |            |             | 1.420                                                  | 1.730                                                  | 2.140       | 2.440       | 3.025       |       |
|                         |       |       |                                                                                             |                                                                               |            |            |            |             | 1.440                                                  | 1.750                                                  | 2.160       | 2.460       | 3.045       |       |
| Tools Required          |       |       |                                                                                             | Large Olive Drab (83C-LXX)                                                    |            |            |            |             |                                                        |                                                        |             |             |             |       |
| Die                     |       |       | 76 Series                                                                                   |                                                                               |            |            |            |             | 83C-U12                                                | 83C-U16                                                |             |             |             |       |
| 761                     |       |       |                                                                                             |                                                                               |            |            |            |             | 1.540                                                  | 1.865                                                  |             |             |             |       |
|                         |       |       |                                                                                             |                                                                               |            |            |            |             | 1.560                                                  | 1.885                                                  |             |             |             |       |
| Tools Required          |       |       |                                                                                             | Large Silver (83C-UXX)                                                        |            |            |            |             |                                                        |                                                        |             |             |             |       |
| Die                     |       |       | 78/S6 Series                                                                                |                                                                               |            |            |            |             | 83C-L12                                                | 83C-L16                                                | 83C-L20     | 83C-L24     | 83C-L32     |       |
| P35/78C                 | 781   | 782ST |                                                                                             |                                                                               |            |            |            |             | 1.420                                                  | 1.730                                                  | 2.140       | 2.440       | 3.025       |       |
|                         | 782TC |       |                                                                                             |                                                                               |            |            |            |             | 1.440                                                  | 1.750                                                  | 2.160       | 2.460       | 3.045       |       |
| Tools Required          |       |       |                                                                                             | *S6 Series Fittings to be used on P35-32 Only                                 |            |            |            |             |                                                        |                                                        |             |             |             |       |
| Die                     |       |       | 79 Series                                                                                   |                                                                               |            |            |            |             | 83C-L12                                                | 83C-L16                                                | 83C-L20     | 83C-L24     |             |       |
| 791TC                   | 792TC | 792ST |                                                                                             |                                                                               |            |            |            |             | 1.420                                                  | 1.730                                                  | 2.140       | 2.440       |             |       |
|                         | F42   |       |                                                                                             |                                                                               |            |            |            |             | 1.440                                                  | 1.750                                                  | 2.160       | 2.460       |             |       |
| Tools Required          |       |       |                                                                                             | Large Olive Drab (83C-LXX)                                                    |            |            |            |             |                                                        |                                                        |             |             |             |       |
| Die                     |       |       | 26 Series                                                                                   | 80C-E04                                                                       | 80C-E05    | 80C-E06    | 80C-E08    | 80C-E10     | 80C-E12                                                | 80C-E16                                                | 83C-E20     | 83C-E24     | 83C-E32     |       |
| 213                     | 285   | 293   |                                                                                             | 0.460                                                                         | 0.520      | 0.575      | 0.670      | 0.805       | 0.915                                                  | 1.175                                                  | 1.420       | 1.670       | 2.160       |       |
|                         |       |       |                                                                                             | 0.480                                                                         | 0.540      | 0.595      | 0.690      | 0.825       | 0.935                                                  | 1.195                                                  | 1.440       | 1.690       | 2.180       |       |
| Tools Required          |       |       |                                                                                             | Small Silver Die (80C-EXX) and Adapter Bowl (83C-OCB)                         |            |            |            |             |                                                        | Large Silver Die (83C-EXX)                             |             |             |             |       |
| 201                     | 221FR | 266   |                                                                                             | 0.500                                                                         | 0.560      | 0.615      | 0.710      | 0.845       | 0.955                                                  | 1.215                                                  | 1.460       | 1.710       | 2.200       |       |
| 206                     | 225   | CAH   |                                                                                             | 0.520                                                                         | 0.580      | 0.635      | 0.730      | 0.865       | 0.975                                                  | 1.235                                                  | 1.480       | 1.730       | 2.220       |       |
| Tools Required          |       |       | Spacer Ring (83C-R02), Small Silver Die (80C-EXX), and Adapter Bowl (83C-OCB)               |                                                                               |            |            |            |             | Spacer Plate (83C-R02H) and Large Silver Die (83C-EXX) |                                                        |             |             |             |       |
| Die                     |       |       | 81 Series                                                                                   |                                                                               |            |            |            |             | 80C-V12                                                | 80C-V16                                                | 80C-V20     | 83C-V24     | 83C-V32     |       |
| 811                     | 811HT | 881   |                                                                                             |                                                                               |            |            |            |             | 1.155                                                  | 1.450                                                  | 1.740       | 2.010       | 2.430       |       |
|                         |       |       |                                                                                             |                                                                               |            |            |            |             | 1.175                                                  | 1.470                                                  | 1.760       | 2.030       | 2.450       |       |
| Tools Required          |       |       |                                                                                             | Small Silver Die (80C-VXX) and Adapter Bowl (83C-OCB)                         |            |            |            |             |                                                        |                                                        |             |             |             |       |
| Die                     |       |       | HY Series                                                                                   | 80C-H585                                                                      |            | 80C-H735   | 80C-H840   | 80C-H970    | 80C-H1120                                              | 80C-H1365                                              |             |             |             |       |
| AX                      |       |       |                                                                                             | 0.575                                                                         |            | 0.725      | 0.830      | 0.960       | 1.110                                                  | 1.355                                                  |             |             |             |       |
|                         |       |       |                                                                                             | 0.595                                                                         |            | 0.745      | 0.850      | 0.980       | 1.130                                                  | 1.375                                                  |             |             |             |       |
| Tools Required          |       |       |                                                                                             | Small Silver Die (80C-HXXX or 80C-HXXXX) and Adapter Bowl (83C-OCB)           |            |            |            |             |                                                        |                                                        |             |             |             |       |
| Die                     |       |       |                                                                                             | 80C-H605                                                                      |            | 80C-H775   | 80C-H885   | 80C-H1010   | 80C-H1170                                              | 80C-H1465                                              |             |             |             |       |
| BXX                     |       |       |                                                                                             | 0.635                                                                         |            | 0.805      | 0.915      | 1.040       | 1.200                                                  | 1.495                                                  |             |             |             |       |
| Tools Required          |       |       | Spacer Ring (83C-R02), Small Silver Die (80C-HXXX or 80C-HXXXX), and Adapter Bowl (83C-OCB) |                                                                               |            |            |            |             |                                                        |                                                        |             |             |             |       |

Parker Hannifin Corp.  
Hose Products Division  
30240 Lakeland Blvd.  
Wickliffe, Ohio 44092

Caution: Read the operations and technical manual before attempting to operate this machinery. Do not operate this machine without guard in place. Keep hands clear of moving parts when operating machine.

NOTE: 1. The 83C-R12 split die ring is used for all crimping operations. 2. Stainless steel crimper diameters are 0.010" greater than table listings with the exception of stainless steel HY series fitting which are 0.005" greater than the table listings. 3. Do not use lubricant to assemble spiral hose and fittings.

Hose  
AFittings  
BParkrimp Equipment  
CAccessories  
DTechnical  
E

Parker Hannifin Corp.  
Hose Products Division  
30240 Lakeland Blvd.  
Wickliffe, Ohio 44092

Caution: Read the operations and technical manual before attempting to operate this machinery. Do not operate this machine without guard in place. Keep hands clear of moving parts when operating machine.



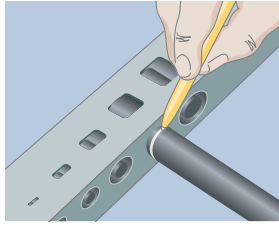
NOTE: 1. The 83C-R12 split die ring is used for all crimping operations. 2. Stainless steel crimper diameters are 0.010" greater than table listings with the exception of stainless steel HY series fitting which are 0.005" greater than the table listings. 3. Do not use lubricant to assemble spiral hose and fittings.

For a new decal, contact Parker at: 1-800-C-PARKER.

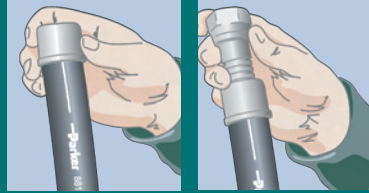


**Crimping using Minikrimp, Karrykrimp, Parkrimp 1, Karrykrimp 2 and PHastkrimp**

Parkrimp Fittings Series 25, 26, 43, 70, 71, 73, 76, 78, S6, 81, HY

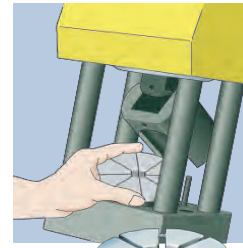
**1 Mark insertion depth and push on fitting**

Mark the hose insertion depth and push hose into fitting until the mark on the hose is even with the end of the shell. Lubricate hose if necessary, however, **DO NOT lubricate if using spiral hose**. See Hose Insertion Depth table below.

**For 81 Series Shells with 88 Series Fittings**

Place shell onto end of hose and make sure the end of the shell lines up with the Insertion Depth mark.

Push hose onto the 88 Series fitting until the shell bottoms against the fitting's stop ring or hex. Lubricate hose if necessary.

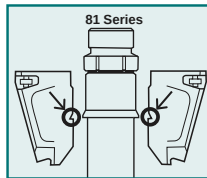
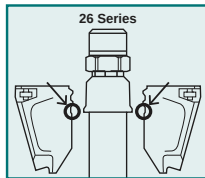
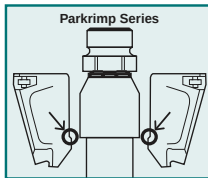
**2 Insert unitized die train**

Pull pin at the top of pusher to swing it back. Place unitized die-train into base plate. See decal on crimper for proper die set.

**Note: Parkrimp 1 does not have a pin at the top of the pusher.**

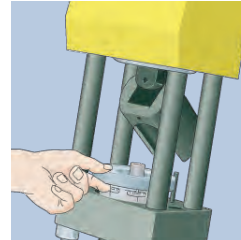
**Important:** Lubricate the crimper's die bowl using a premium quality lithium-base grease.

Color-Coded  
Unitized  
Die-Train

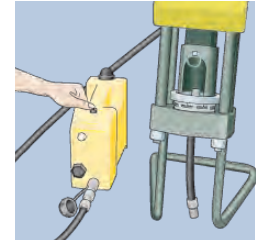
**3 Position the fitting**

Position the hose and fitting in dies from below.

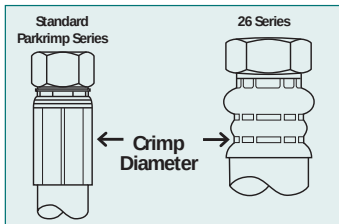
Rest bottom of coupling on die step using the PARKALIGN® feature.

**4 Place die ring and crimp**

Place correct die ring on top of the dies. See decal on crimper for proper die ring.



Position pusher by replacing the pin and operate pump until the die ring bottoms out. Release pressure within the pump — remove finished assembly.

**5 Measure crimp diameter**

Measure crimp diameter on the flat surfaces of the crimped shell, referenced in the illustration to the left. Reference decal on crimper for crimp diameters. Never use hose assemblies with incorrect crimp diameters.

**Important:** Hose assemblies must be inspected for cleanliness and free of all foreign particles.

**Note:** Minikrimp, Karrykrimp & Karrykrimp 2 have several types of power sources, all of which are separate units from the crimping machine.

**Hose insertion depths**

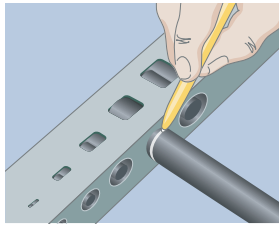
| Fitting Size | Fitting Series |    |         |    |         |    |         |    |         |    |
|--------------|----------------|----|---------|----|---------|----|---------|----|---------|----|
|              | 26             |    | 43      |    | 70      |    | 71      |    | 73      |    |
|              | inch           | mm | inch    | mm | inch    | mm | inch    | mm | inch    | mm |
| -4           | 13/16          | 21 | 13/16   | 21 | —       | —  | —       | —  | —       | —  |
| -5           | 13/16          | 21 | 15/16   | 24 | —       | —  | —       | —  | —       | —  |
| -6           | 13/16          | 21 | 1-1/8   | 29 | 1-1/16  | 27 | 1-1/16  | 27 | —       | —  |
| -8           | 13/16          | 21 | 1-5/16  | 33 | 1-5/16  | 33 | 1-1/4   | 32 | —       | —  |
| -10          | 7/8            | 22 | 1-9/16  | 40 | 1-3/8   | 35 | 1-5/16  | 33 | —       | —  |
| -12          | 7/8            | 22 | 1-1/2   | 38 | 1-1/2   | 38 | 1-7/16  | 37 | 1-7/8   | 48 |
| -16          | 1              | 25 | 1-3/4   | 44 | 1-13/16 | 46 | 1-3/4   | 44 | 2       | 51 |
| -20          | 1              | 25 | 1-7/8   | 48 | 1-3/4   | 44 | 1-13/16 | 46 | 2-1/2   | 64 |
| -24          | 1-1/16         | 27 | 1-7/16  | 37 | —       | —  | 2-5/16  | 59 | 2-7/16  | 62 |
| -32          | 1-1/4          | 32 | 1-13/16 | 46 | —       | —  | 2-7/16  | 62 | 2-13/16 | 71 |

For specific information on crimping, visit Crimpsource™ online at [www.parker.com/crimpsource](http://www.parker.com/crimpsource).

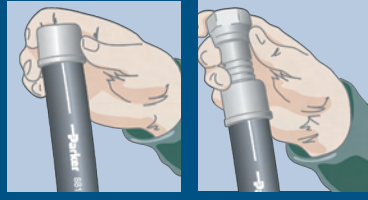


**Crimping using Superkrimp and Parkrimp 2**

Parkrimp Fittings Series 25, 26, 43, 70, 71, 73, 76, 78, S6, 81, HY

**1 Mark insertion depth and push on fitting**

Mark the hose insertion depth and push hose into fitting until the mark on the hose is even with the end of the shell. Lubricate hose if necessary, however, **DO NOT lubricate if using spiral hose.** See Hose Insertion Depth table on previous page.

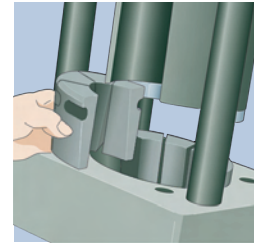
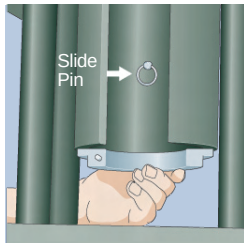
**For 81 Series Shells with 88 Series Fittings**

Place 81 Series Shell onto end of hose and make sure the end of the shell lines up with the Insertion Depth mark.

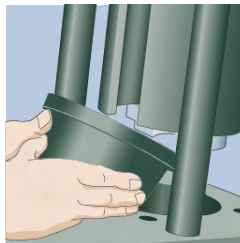
Push hose onto the 88 Series fitting until the shell bottoms against the fitting's stop ring or hex. Lubricate hose if necessary.

**2a If using large two-piece dies**

Insert the proper die set into the die bowl. (The die sets are in two halves of four dies each. Place one half in the back and one half in the front to accommodate bent tube fittings.) Reference decal on crimper for proper tool selection.

**2b If using small unitized dies**

With the pusher in the full up position, lift the back half of the split die ring. Lock it in the up position by pushing the slide pin in. (The slide pin is located inside the pusher at the back.)



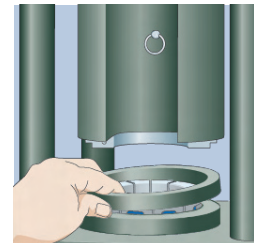
Lubricate die bowl using a premium quality lithium-base grease. Carefully insert the adapter bowl, 83C-OCB, into the base bowl. The adapter bowl must be tilted toward the back of the crimper during insertion.



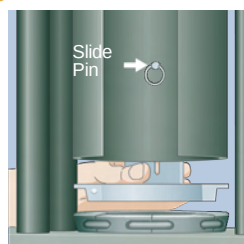
Color-Coded Unitized Die-Train

Lubricate die bowl using a premium quality lithium-base grease. Place unitized die-train into the adapter bowl. Select die and die ring by hose size and type. See decal on crimper for proper die set.

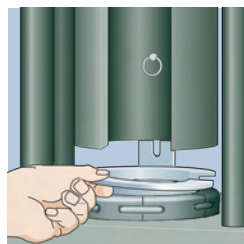
**Note:** Die sets have color-coded cavities indicating size and have the fitting series and dash size stamped on the top.

**3 Place spacer ring**

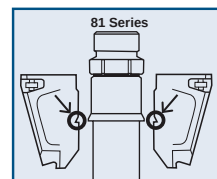
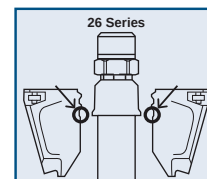
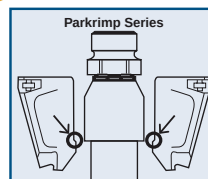
If required, place spacer ring on locating step of adapter bowl. Reference decal on crimper for tool selection.

**4 Position the split die ring**

Lower the back half of the split die ring onto the dies by pulling the slide pin forward.



Insert the front half of the split die ring aligning the pins in the back half with the hole in the front half.

**5 Position the fitting**

Position the hose and fitting in dies from below.

Rest bottom of coupling on die step using the PARKALIGN® feature.

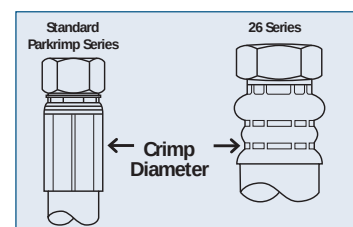
**6 Crimp hose**

Turn on the pump by pressing the "ON" switch. Pull the valve handle forward to bring the pusher down for crimping. When the split die ring contacts the base plate, the crimp is complete. Push the valve handle back to lift the pusher, open the dies, and release the finished assembly.

**Note:** You do not have to remove any tooling to insert or remove straight fittings. The front half of the split die ring and the front die train must be removed to insert and remove bent tube fittings.

**7 Measure crimp diameter**

Measure crimp diameter on the flat surfaces of the crimped shell, referenced in the illustration to the right. Reference decal on crimper for crimp diameters. Never use hose assemblies with incorrect crimp diameters.



**Important:** Hose assemblies must be inspected for cleanliness and free of all foreign particles.

Hose  
**A**Fittings  
**B**Parkrimp Equipment  
**C**Accessories  
**D**Technical  
**E**



## Assembling Twin Tough Rubber Hose

### Required Equipment:

Twin Tough hose, fittings, knife, tape measure, heat shrink sleeve, scissors, grease pencil, heat gun, and calipers.



### Set-up:

Position the bonded rubber hose so that it lies flat on a work surface without tendency to twist or turn.

**Measure hose tear back length:** Measure and mark the length that the hoses are to be separated. A minimum of 12 inches is required for crimping the hose ends. A 24 inch tear back is recommended for use with hydraulic tools.



Note: If length of separation/tear back is specified from the threaded or swivel nut end of the coupling, then deduct the cut off allowance dimension for the specific style of coupling used. The cutoff allowance can be obtained from the hose fitting tables in the 4400 Catalog "B" dimension, or can be calculated by subtracting the insertion depth of the shell from the overall coupling length.

### Cut hose tear back to length:

Press the bonded hose assembly firmly and flat against the work surface with your free hand so that it does not move.

A.) Using a sharp blade, pierce the center of the valley (web) formed by the hoses.



B.) To start the cut, place the blade in the center of that valley (web) drawing the knife with constant pressure.



C.) Once you have a 1 to 2 inch starter cut, firmly pull each hose end apart to your required separation length.



Note: It is important that the knife blade be perpendicular to the hose during this procedure so the blade cuts only the centerline of the valley (web). EXTREME CARE MUST BE TAKEN TO AVOID CUTTING THROUGH THE COVER OF THE HOSES AND THEREBY EXPOSING THE HOSE REINFORCEMENT. If this occurs, the hose assembly must be discarded.

**Measure Separation:** It is suggested that the separation length be at least 12 inches, so the crimping operation can be accomplished without risk of kinking the hoses.



**Stopping Separation:** Parker recommends installing a heat shrink sleeve of at least 2 inches in length with the appropriate I.D. (Table 1) at the termination of the separated hose to provide protection against tearing of the valley (web) or hose covers. This heat shrink sleeve should be placed on the hose assembly prior to the crimping of the hose fittings. Once you have your heat shrink sleeve in place, use a heat gun to shrink the sleeve in place.



**Note:** EXTREME CARE MUST BE TAKEN TO AVOID EXPOSING THE HOSE ASSEMBLY TO THE DIRECT HIGH TEMPERATURES OF THE HEAT GUN WHILE INSTALLING THE HEAT SHRINK SLEEVE. LONG EXPOSURE FROM A HEAT GUN MAY ADVERSLEY AFFECT THE HOSE INNERTUBE OR ITS COVER.

**Crimping Fittings:** All of your crimping information can be found on Crimpsource ([www.parker.com/crimpsource](http://www.parker.com/crimpsource)).

First, place your fittings onto each hose end making sure that both have been installed to the correct hose insertion depth. Choose the correct die and die ring. Place half of your hose assembly through the bottom of your Parkrimp crimper. Rest the bottom of the fitting on the die step using the Parkalign system. While lightly holding the hose assembly, operate your crimper pump so that the pusher on the crimper comes down in contact with the die ring until it bottoms out on the crimper base. Then release the pressure within the pump and remove the first half of your finished assembly. Always measure your hose assemblies for the correct crimp diameter. Now, repeat the crimping process on the other fitting.



**Note:** EXTREME CARE MUST BE TAKEN TO AVOID KINKING THE HOSE THAT IS NOT BEING CRIMPED DURING THIS PROCESS.

Hose  
**A**Fittings  
**B**Parkrimp Equipment  
**C**Accessories  
**D**Technical  
**E**

Hose  
**A****Hand Pump**

Part No. 82C-0HP

*(for use with the Minikrimp, Karrykrimp and Karrykrimp 2)*

Ease of operation hand pump delivers 10,000 psi

Length: 23"  
 Width: 4"  
 Height: 5"  
 Port Size: 3/8" NPTF  
 Weight: 9 lbs  
 Hydraulic Fluid: Enerpac oil

**Hand Pump**

Part No. 85C-0HP

*(for use with the Minikrimp, Karrykrimp and Karrykrimp 2)*

Ease of operation hand pump delivers 10,000 psi

Length: 29"  
 Width: 13"  
 Height: 11"  
 Port Size: 3/8" NPTF  
 Weight: 61 lbs  
 Hydraulic Fluid: Enerpac oil

Fittings  
**B****Electric Pump**

Part No. 82C-0EP

*(for use with the Minikrimp, Karrykrimp and Karrykrimp 2)*

Ease of operation hand pump delivers 10,000 psi

Length: 13"  
 Width: 13"  
 Height: 15"  
 Port Size: 3/8" NPTF  
 Weight: 31 lbs  
 Hydraulic Fluid: Enerpac oil  
 115 volt, 1 phase, 50/60 Hz, 9 amp

**Electric Pump**

Part No. 85C-0EP

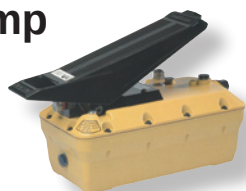
*(for use with the Minikrimp, Karrykrimp and Karrykrimp 2)*

Heavy duty electric pump delivers 10,000 psi at a faster cycle time

Length: 19"  
 Width: 11"  
 Height: 17"  
 Port Size: 3/8" NPTF  
 Weight: 59 lbs  
 Hydraulic Fluid: Enerpac oil  
 115 volt, 1 phase, 50/60 Hz, 20 amp

Parker Equipment  
**C****Air/Hydraulic Pump**

Part No. 82C-0AP

*(for use with the Minikrimp, Karrykrimp and Karrykrimp 2)*

Lightweight pump operates with 80-150 psi shop air pressure and delivers 10,000 psi

Length: 15"  
 Width: 6"  
 Height: 6"  
 Intake Port Size: 1/4" NPTF  
 Output Port Size: 3/8" NPTF  
 Weight: 14 lbs  
 Hydraulic Fluid: Enerpac oil

**Vehicle Battery-Powered Pump**

Part No. 85C-12V

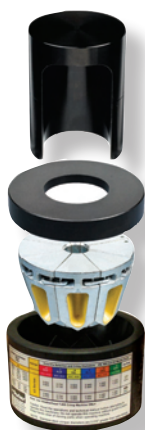
*(for use with the Minikrimp, Karrykrimp and Karrykrimp 2)*

Ideal unit for Parker Mobile Hose Preplacement Service, Delivering 10,000 psi.

Length: 12"  
 Width: 8"  
 Height: 19.5"  
 Weight: 67 lbs  
 Hydraulic Fluid: ISO-46

Accessories  
**D**Technical  
**E****Enerpac Warranty Statement**

Enerpac products are warranted to be free of defects in materials and workmanship. Any product that does not conform to specification will be repaired or replaced at Enerpac's expense, anywhere in the world; simple as that! This warranty does not cover ordinary wear and tear, abuse, misuse, alterations, or the use of improper fluids. Determination of the authenticity of a warranty claim will be made only by Enerpac or its Authorized Service Centers.



## Hydraulic Press Kit

Part No. 8PC-001

For use with 26, 43, 81 and HY Series Fitting ONLY

### Specifications

- Required Height from Press Base to Press Ram: 10 inches
- Required Width of Bowl Diameter: 5 inches
- Bowl Rating: 30 tons force maximum
- Minimum Required Press Capacity: Hose Size 1/4" to 1/2" needs a 20 ton press  
Hose size 5/8" to 1-1/4" needs a 30 ton press

### Standard Equipment

| Part Number<br>8PC-001 | Description                                     | Individual<br>Part Number |
|------------------------|-------------------------------------------------|---------------------------|
| ●                      | Bowl Assembly                                   | 8PC-030                   |
| ●                      | Pusher                                          | 8PC-00P                   |
| ●                      | Silver Die Ring                                 | 81C-R01                   |
| ●                      | Black Die Ring                                  | 81C-R02                   |
| ●                      | 43 Series dies in 1/4", 3/8", 1/2", 3/4" and 1" | 80C-Axx                   |

## Weatherhead Conversion Kit

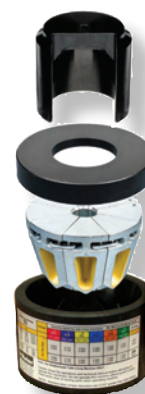
Part No. 8WC-001

For use with 26, 43, 81 and HY Series Fitting ONLY

Convert **Weatherhead T-400 crimper** to utilize Parker Parkrimp No-Skive fittings.

### Standard Equipment

| Part Number<br>8WC-001 | Description                                 | Individual<br>Part Number |
|------------------------|---------------------------------------------|---------------------------|
| ●                      | Bowl Assembly                               | 8PC-030                   |
| ●                      | Pusher                                      | 8WC-00P                   |
| ●                      | Silver Die Ring                             | 81C-R01                   |
| ●                      | Black Die Ring                              | 81C-R02                   |
| ●                      | 43 Series Dies in 1/4", 3/8", 1/2" and 3/4" | 80C-Axx                   |



## Gates Conversion Kit

Part No. 8GC-002

For use with 26, 43, 81 and HY Series Fitting ONLY

Convert **Gates 701, 703 and 707 bottom loading crimpers** to utilize Parker Parkrimp No-Skive fittings.

### Standard Equipment

| Part Number<br>8GC-002 | Description                                     | Individual<br>Part Number |
|------------------------|-------------------------------------------------|---------------------------|
| ●                      | Bowl Assembly                                   | 8PC-030                   |
| ●                      | Silver Die Ring                                 | 81C-R01                   |
| ●                      | Black Die Ring                                  | 81C-R02                   |
| ●                      | 43 Series Dies in 1/4", 3/8", 1/2", 3/4" and 1" | 80C-Axx                   |



#### Notes:

- For additional information and operating instructions, visit the Parker Hose Products Division website at [www.parkerhose.com](http://www.parkerhose.com).
- For crimping instructions, see pages C-16 and C-17.
- Hose assemblies must be inspected for cleanliness and free of all foreign particles.



## Hose Cut-Off Machine

Part No. 332T-115V



### Features

- For quick, easy cutting of spiral reinforced hose up to 1-1/4" I.D.
- Moving parts shielded by guards

### Specifications

- Dimensions: 13" wide x 26" long x 22" high
- Shipping Weight: 71 lbs.

### Standard Equipment

| Part Number | Description                                                                                       | Individual Part Number |
|-------------|---------------------------------------------------------------------------------------------------|------------------------|
| 332T-115V   |                                                                                                   |                        |
| ●           | Hose Cut-Off Machine with 1-1/2 HP, 3450 RPM, 115/230V single phase electric motor wired for 115V |                        |
| ●           | Scallop Cutting Blade (8" with 5/8" arbor size)                                                   | 24398                  |

### Optional Equipment

- Smooth Cutting Blade (580661)

## Hose Cut-Off Machine - Karrykut

Part No. 631075



### Features

- Portable saw for cutting on the job
- Unique clamp system spreads hose as it cuts to prevent blade binding
- Cuts multi-braided wire reinforced hose including 4 spiral construction up to 1-1/4" I.D.

### Specifications

- Dimensions: 16" wide x 12" long x 19" high
- Shipping Weight: 58 lbs.

### Standard Equipment

| Part Number | Description                                                                                                      | Individual Part Number |
|-------------|------------------------------------------------------------------------------------------------------------------|------------------------|
| 631075      |                                                                                                                  |                        |
| ●           | Power saw with 115volt (13 amp) universal AC motor                                                               | 631140                 |
| ●           | Universal clamp attachment (can be used with any portable power saw unit having a 5/8" arbor, 8" blade capacity) | 631076                 |
| ●           | Cutting blade (8" with 5/8" arbor size)                                                                          | 580661                 |

## Hose Cut-Off Machine

Part No. 239 and 339



### Features

- Designed for heavy duty use
- Cuts multi-braided wire reinforced hose including 6 spiral construction up to 2" I.D.

### Specifications

- Dimensions: 22" wide x 42" long x 24" high
- Shipping Weight: 115 lbs.

### Standard Equipment

| Part Number | Description                                                  | Individual Part Number |
|-------------|--------------------------------------------------------------|------------------------|
| 239         |                                                              |                        |
| ●           | Hose Cut-Off Machine with 230V single phase motor            |                        |
| ●           | Hose Cut-Off Machine with 3 HP motor 230V, 3 phase, 60 cycle |                        |
| ●           | Scallop Cutting Blade (10" with 3/4" arbor size)             | 24248                  |

### Optional Equipment

- Smooth Cutting Blade (15960)

## Hose Cut-Off Machine

Part No. TH3-50



### Features

- Standard 14" scalloped blade
- Front plate with useable pins easily holds in place for a straight cut
- Clear face shield

### Specifications

- 4.2 HP/115 volts 20 amp 1PH 50/60 cycle motor (a 20 amp dedicated circuit is recommended)
- Dimensions - 22-1/2" wide x 18-1/4" long x 23-1/2" high
- Shipping weight - 65 lbs.
- Blade size - 14" x 0.125" x 1"

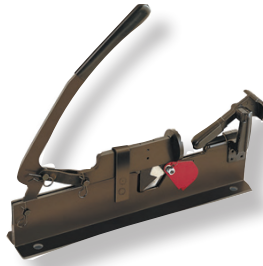
### Saw Part Number: TH3-50

- Optional Equipment:
- Scallop Cutting Blade (TH3-50-1)
- Smooth Bevel Cutting Blade (TH3-50-2)



## Push-Lok Cut-Off & Assembly Tool

Part No. 881540



### Features

- Combined hose cutter and toggle action press that cuts and assembles Parker Push-Lok in sizes 1/4" through 3/4" I.D.

### Specifications

- Dimensions: 16" long
- Shipping Weight: 4 lbs.

## Hose Cut-Off Tool

Part No. 316



### Features

- Small in size and easy to use
- Quick cutting of textile reinforced hose
- Ruggedly built for years of trouble-free service

### Specifications

- Dimensions: 15" long
- Shipping Weight: 6 lbs.

Hose  
**A**

Fittings  
**B**

Equipment Cut-Off Machines  
**C**

Accessories  
**D**

Technical  
**E**

## Hose Cut-Off Tool

Part No. TH11-1



### Features

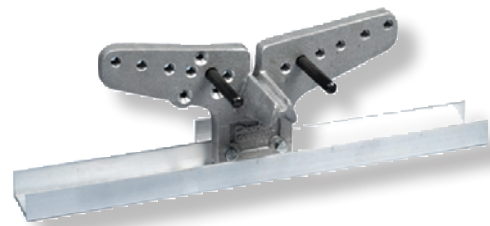
- Designed for quick, easy cutting of textile reinforced hose.
- Squarely cuts Push-Lok hose in sizes 1/4" through 3/4" I.D.

### Specifications

- Dimensions: 8" long
- Shipping Weight: 0.3 lbs.

## Hose Cut-Off Tool - Handykut

Part No. 871522



### Features

- Portable tool for efficient cutting of hose
- Can be positioned onto a flat surface by clamps or by locking it in a vise, properly align the hose in a radius and cut it with a hacksaw

### Specifications

- Dimensions: 6" wide x 18" long x 6" high
- Shipping Weight: 10 lbs.

## Hose Insertion Depth Blocks

Part No. TH9-1-XXX



### Features

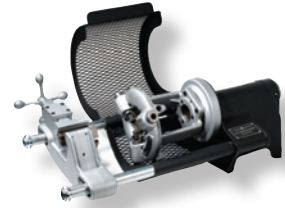
- For quick easy marking of hose insertion depth
- Ensures accuracy and increased productivity

### Available Blocks

| Part Number | Description               |
|-------------|---------------------------|
| TH9-1-26A   | 26 Series -4 through -10  |
| TH9-1-26B   | 26 Series -12 through -32 |
| TH9-1-43A   | 43 Series -4 through -10  |
| TH9-1-43B   | 43 Series -12 through -32 |
| TH9-1-70    | 70 Series -6 through -20  |
| TH9-1-71    | 71 Series -6 through -32  |
| TH9-1-73    | 73 Series -12 through -32 |
| TH9-1-78    | 78 Series -12 through -32 |
| TH9-1-HY    | HY Series -4 through -16  |

## Hozemblem

Part No. 432-115V



### Features

- Power machine to facilitate the attachment of field attachable fittings
- Handles all hose and fittings up to 4 spiral wire, in sizes 3/16" through 2" I.D., including bent tube elbows
- Comes with vise, all adapters, foot switch and safety guard with 115V, 30 amp, universal AC motor

### Specifications

- Shipping Weight: 141 lbs.

### Optional Parts

- Mounting stand (662451)

## Fitting Push-On Stand

Part No. TH2-7



### Features

- Quickly and easily pushes fittings onto hose
- Boosts productivity and quality
- Eliminates the need of rubber mallets and oils to get fittings onto the end of the hose for crimping
- Standard with straight tooling required for sizes 1/4" through 2" for all crimped fittings, 82 Series Push-Lok and 88 Series field attachable fittings

### Specifications

- Shipping Weight: 200 lbs.

### Optional Tooling

- Elbow Pusher Set (TH2-7-ELS)

## Die Storage Racks

Part No. 80C-0DR and 83C-0DR



### Features

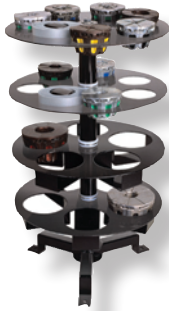
- Modular die rack designed to hold small and large Parkrimp dies
- Can be bolted together to a work bench horizontally or vertically

### Standard Equipment

| Part Number |         | Description                         |
|-------------|---------|-------------------------------------|
| 80C-0DR     | 83C-0DR |                                     |
| ●           |         | Storage of three sets of small dies |
|             | ●       | Storage of two sets of large dies   |

## Swivel Die Rack

Part No. 80C-SDR-XXXX



### Features

- Holds up to 30 Parkrimp dies of any size
- Powder-coated, heavy-duty steel construction
- Consists of a base unit and up to five circular holders
- Floor or bench mounted

### Standard Equipment

| Part Number  | Description                          |
|--------------|--------------------------------------|
| 80C-SDR-SM   | Swivel Die Rack and Small Die Holder |
| 80C-SDR-LG   | Swivel Die Rack and Large Die Holder |
| 80C-SDR-BASE | Swivel Die Rack Base                 |

## Hose Perforator

Part No. 601069



### Features

- Small hand tool to prick minute holes in the rubber cover
- To be used in gaseous applications where the pressure exceeds 250 psi
- Driven into the cover every few inches of length either striking the hose or by a rolling action over the hose cover
- Not generally necessary to perforate the hose on all sides

### Specifications

- Shipping Weight: 2 lbs.

## Hose Oil

Part No. Hose Oil



### Features

- Reduces torque and eliminates waste lubrication
- Use hose oil with the recommended hose assembly instructions

## Accrolube

Part No. Accrolube



### Features

- High efficiency lubricant used for stainless steel field attachable fittings
- Contains Teflon to reduce the wear between metal surfaces, protects against corrosion and ultimately eliminates galling

## Mandrel Tool Kit - 22 Series

Part No. 652200



### Features

- For assembly of Parker 22 Series field attachable fittings
- One of each part listed below is included in the kit

### Standard Equipment

| Hose I.D. | Dash Size | SAE (JIC) 37° | SAE 45° |
|-----------|-----------|---------------|---------|
| 3/16      | -4        | ●             | ●       |
| 1/4       | -5        | ●             | ●       |
| 5/16      | -6        | ●             | ●       |
| 13/32     | -8        | ●             | ●       |
| 1/2       | -10       | ●             | ●       |
| 5/8       | -12       | ●             | ●       |

## Assembly Tools - 22 Series

Part No. 652201



### Features

- For assembly of Parker 22 Series field attachable fittings
- One of each part listed below is included in the kit

### Standard Equipment

| Hose I.D. | Dash Size | SAE (JIC) 37° | SAE 45° |
|-----------|-----------|---------------|---------|
| 7/8       | -16       | ●             | ●       |
| 1-1/8     | -20       | ●             | ●       |
| 1-3/8     | -24       | ●             | ●       |
| 1-13/16   | -32       | ●             |         |

## Mandrel Tool Kit - 23 Series

Part No. 2727 and 2726



### Features

- For assembly of Parker 23 Series field attachable fittings
- Part No. 2727 is for JIC 37° flared fittings
- Part No. 2726 is for SAE 45° and PTT 30° flared fittings

### Standard Equipment

| Hose I.D. | Dash Size | 2727 | 2726 |
|-----------|-----------|------|------|
| 3/16      | -4        | ●    | ●    |
| 1/4       | -5        | ●    | ●    |
| 5/16      | -6        | ●    | ●    |
| 13/32     | -8        | ●    | ●    |
| 1/2       | -10       | ●    | ●    |
| 5/8       | -12       | ●    | ●    |
| 7/8       | -16       | ●    | ●    |

## Mandrels - 25 Series

(For 271 Transportation Hose)

Part No. TH2-7M25-6 and TH2-7M25-8

