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MiniKrimp™

For use with 26, 43, 81 and HY Series Fittings

With its cast aluminum design, the MiniKrimp is lightweight, portable, and compact. This all-in-one unit is capable of crimping hose sizes up to 1". Dies are sold separately.

Specifications:

<u>Dimensions</u>	6" wide, 13" deep, 15" high
<u>Weight</u>	42 lbs. with hand pump
<u>Rating</u>	30 tons force @ 10,000 psi maximum
<u>Capability</u>	-1" SAE 100R1 maximum
	-1" SAE 100R1AT maximum
	-1" SAE 100R2 maximum
	-1" SAE 100R2AT maximum
	-1" SAE 100R3 maximum
	-1" SAE 100R4 maximum
	-1" SAE100R5 maximum
	-3/4" SAE 100R9AT maximum
	-1" SAE 100R16 maximum
	-1" SAE 100R17 maximum
	-1" SAEJ1402 AI maximum
	-1" SAEJ1402 All maximum

Set up time 20 seconds
Full cycle time 30 seconds with electric pump

Note: Cycle times vary depending on hose and fitting styles and sizes.

Important: The Minikrimp was developed by Parker Hannifin Parflex Division but is compatible with Parker Hannifin Hose Products Division products. The Minikrimp is only compatible with rubber hose with a size range of 3/16" ID through 1" ID and only those hoses that utilize 26, 43 and HY Series fittings. However there are two exceptions to these specifications: In reference to Minikrimp stainless steel crimping capabilities, please refer to CrimpSource on www.parkerhose.com (the online resource for hose crimp specifications for the complete line of Parker crimping machines). The Minikrimp **DOES NOT** crimp 341-16 (SAE 100R9, 1" ID) hose. Any engineering and crimper performance issues pertaining to the Minikrimp should be directed to the Parflex Division, Technical Services Department, at (330) 296-2871.

Note: Reference page C-12-13 for information on Hand Pump (82C-0HP and 85C-0HP), Electric Pump (82C-0EP and 85C-0EP), Air/Hydraulic Pump (82C-0AP) and Vehicle Battery-Powered Pump (85C-12V). For crimp instructions, see pages C-9.

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

Note: 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.

Standard Equipment:

Model 94C-001-PFD includes:

• Minikrimp Portable Crimper (base unit)	94C-080-PFD
• Hand Pump	015301
• Die ring Cavity Color Coded Silver	82C-R01-PFD

Model 94C-002-PFD includes:

• Minikrimp Portable Crimper (base unit)	94C-080-PFD
• Air over Hydraulic Pump Kit (w/tubing & adapters)	025411
• Die ring Cavity Color Coded Silver	82C-R01-PFD

Optional Tooling:

• Side Vise Mount	015736
• Upright Table Mount	015306
• Upright Vise Mount	015307
• Die ring Cavity Color Coded Black	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

26 Series Dies (Silver)

• -4 (3/16")	Cavity Color Coded Red	80C-E04
• -5 (1/4")	Cavity Color Coded Purple	80C-E05
• -6 (5/16")	Cavity Color Coded Yellow	80C-E06
• -8 (13/32")	Cavity Color Coded Blue	80C-E08
• -10 (1/2")	Cavity Color Coded Orange	80C-E10
• -12 (5/8")	Cavity Color Coded Green	80C-E12
• -16 (7/8")	Cavity Color Coded Black	80C-E16

43 Series Dies (Silver)

• -4 (1/4")	Cavity Color Coded Red	80C-A04
• -5 (5/16")	Cavity Color Coded Purple	80C-A05
• -6 (3/8")	Cavity Color Coded Yellow	80C-A06
• -8 (1/2")	Cavity Color Coded Blue	80C-A08
• -10 (5/8")	Cavity Color Coded Orange	80C-A10
• -12 (3/4")	Cavity Color Coded Green	80C-A12
• -16 (1")	Cavity Color Coded Black	80C-A16

81 Series Dies (Silver)

• -12 (3/4")	Cavity Color Coded Green	80C-V12
• -16 (1")	Cavity Color Coded Black	80C-V16

HY Series Dies - AX Hose (Silver)

• -4 (1/4")	Cavity Brown	80C-H585
• -6 (3/8")	Cavity Brown	80C-H735
• -8 (1/2")	Cavity Brown	80C-H840
• -10 (5/8")	Cavity Brown	80C-H970
• -12 (3/4")	Cavity Brown	80C-H1120

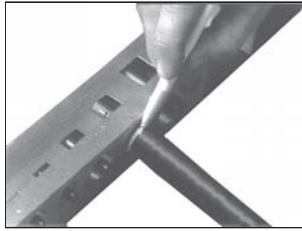
HY Series Dies - BXX Hose (Silver)

• -4 (1/4")	Cavity Brown	80C-H605
• -6 (3/8")	Cavity Brown	80C-H775
• -8 (1/2")	Cavity Brown	80C-H885
• -10 (5/8")	Cavity Brown	80C-H1010
• -12 (3/4")	Cavity Brown	80C-H1170

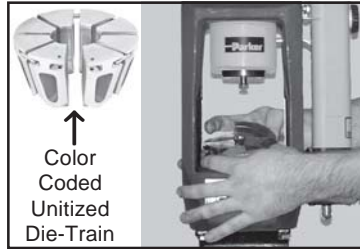
The Minikrimp™ is a product of Parker Hannifin Parflex Division.
Phone: (330) 296-2871
Fax: (330) 296-8433



MiniKrimp Assembly Instructions for 26, 43, and HY Series Fittings



1. 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). Hose Insertion Depth table is on page C-26.



2. Place unitized die set into base plate.



3. Place proper die ring on top of the selected die.

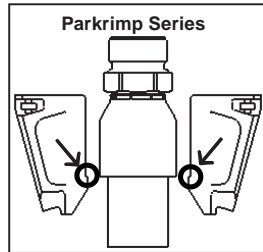


4. Slide pusher into place onto shoulder bolt.

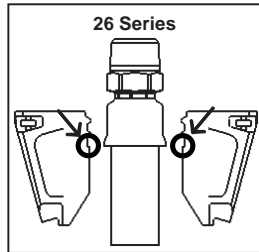
PARKALIGN® Feature



5. Position the hose and fitting in dies from below.



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



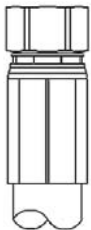
7. While holding hose and fitting into position on die step, begin pumping hand pump until die ring contacts base plate. Release pressure, remove finished assembly. Check crimp diameter.



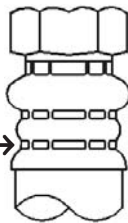
8a. Measure crimp diameter of each fitting at the top, middle and bottom of the shell. Take measurements at a minimum of three places around the shell circumference. Verify crimp diameter is within tolerances.

Note: For rubber based products reference step 8b and for thermoplastic products reference step 8a for crimp diameter measurement.

Standard Parkrimp Series



26 Series



← Crimp Diameter →

8b. Measure crimp diameter on the flat surfaces of the crimped shell, referenced in the above illustration. Reference crimp diameter on page C-26.

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