

Sewer & Lateral Line Hose Fittings



FEMALE ADAPTER FITTINGS

| Hose ID (in) | Use With Hose Series | Female Adapter Part Number | Weight (lbs/each) |
|--------------|----------------------|----------------------------|-------------------|
| 3/8 | LLGR-06 | A06FPX06FS | 0.16 |
| 3/8 | SLGR-06 | A06FPX06FS | 0.16 |
| 1/2 | LAGR-08 | A08FPX08FS | 0.21 |
| 1/2 | LHBK-08 | A08FPX08FS | 0.21 |
| 1/2 | LLBU-08 | A08FPX08FS | 0.21 |
| 1/2 | LLGR-08 | A08FPX08FS | 0.21 |
| 1/2 | LLRD-08 | A08FPX08FS | 0.21 |
| 1/2 | SHBK-08 | A08FPX08FS | 0.21 |
| 1/2 | SLBU-08 | A08FPX08FS | 0.21 |
| 1/2 | SLGR-08 | A08FPX08FS | 0.21 |
| 1/2 | SLLHBK-08 | A08FPX08FS | 0.21 |
| 1/2 | SLRD-08 | A08FPX08FS | 0.21 |
| 1/2 | SLSHBK-08 | A08FPX08FS | 0.21 |
| 5/8 | SAOR-10 | A08FPX08FS | 0.21 |
| 5/8 | SHBK-10 | A08FPX08FS | 0.21 |
| 5/8 | SLSHBK-10 | A08FPX08FS | 0.21 |
| 5/8 | SLSPOR-10 | A08FPX08FS | 0.21 |
| 5/8 | SPOR-10 | A08FPX08FS | 0.21 |
| 3/4 | HPBU-12 | A12FPX12FS | 0.34 |
| 3/4 | SLHPBU-12 | A12FPX12FS | 0.34 |
| 3/4 | SLSPOR-12 | A12FPX12FS | 0.34 |
| 3/4 | SPOR-12 | A12FPX12FS | 0.34 |



MALE SWIVEL FITTINGS

| Hose ID (in) | Use With Hose Series | Male Swivel Part Number | Weight (lbs/each) |
|--------------|----------------------|-------------------------|-------------------|
| 1/4 | LLGR-04 | F04MSNPT4 | 0.17 |
| 1/4 | LLRD-04 | F04MSNPT4 | 0.17 |
| 1/4 | SLGR-04 | F04MSNPT4 | 0.17 |
| 1/4 | SLRD-04 | F04MSNPT4 | 0.17 |
| 3/8 | LLGR-06 | F06MSNPT6 | 0.23 |
| 3/8 | SLGR-06 | F06MSNPT6 | 0.23 |
| 1/2 | LHBK-08 | F08MSNPT8 | 0.35 |
| 1/2 | LLBU-08 | F08MSNPT8 | 0.35 |
| 1/2 | LLGR-08 | F08MSNPT8 | 0.35 |
| 1/2 | LLRD-08 | F08MSNPT8 | 0.35 |
| 1/2 | SLGR-08 | F08MSNPT8 | 0.35 |

NOTE: THE USE OF FITTINGS AND ASSEMBLY TOOLING OTHER THAN THAT SUPPLIED BY PIRANHA HOSE PRODUCTS IS AT THE RISK AND LIABILITY OF THE USER.

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MALE FITTINGS

| Hose ID (in) | Use With Hose Series | Male Part Number | Weight (lbs/each) |
|--------------|----------------------|------------------|-------------------|
| 1/8 | LLGR-02 | F02NPT2 | 0.04 |
| 1/8 | SLGR-02 | F02NPT2 | 0.04 |
| 3/16X1/8 | LLGR-03 | F03NPT2 | 0.08 |
| 3/16X1/8 | SLGR-03 | F03NPT2 | 0.08 |
| 3/16X1/4 | LLGR-03 | F03NPT4 | 0.10 |
| 3/16X1/4 | SLGR-03 | F03NPT4 | 0.10 |
| 1/4 | LLGR-04 | F04NPT4 | 0.12 |
| 1/4 | LLRD-04 | F04NPT4 | 0.12 |
| 1/4 | SLGR-04 | F04NPT4 | 0.12 |
| 1/4 | SLRD-04 | F04NPT4 | 0.12 |
| 3/8 | LLGR-06 | F06NPT6 | 0.17 |
| 3/8 | LLRD-06 | FCP06NPT-NS | 0.18 |
| 3/8 | SLGR-06 | F06NPT6 | 0.17 |
| 3/8 | SLRD-06 | FCP06NPT-NS | 0.18 |
| 1/2 | LAGR-08 | FAR08NPT8 | 0.35 |
| 1/2 | LHBK-08 | F08NPT8 | 0.28 |
| 1/2 | LLBU-08 | F08NPT8 | 0.28 |
| 1/2 | LLGR-08 | F08NPT8 | 0.28 |
| 1/2 | LLRD-08 | F08NPT8 | 0.28 |
| 1/2 | SHBK-08 | FHP08NPT8 | 0.29 |
| 1/2 | SLBU-08 | F08NPT8 | 0.28 |
| 1/2 | SLGR-08 | F08NPT8 | 0.28 |
| 1/2 | SLLHBK-08 | F08NPT8 | 0.28 |
| 1/2 | SLRD-08 | F08NPT8 | 0.28 |
| 1/2 | SLSHBK-08 | FHP08NPT8 | 0.29 |
| 5/8 | SHBK-10 | FHP10NPT8 | 0.34 |
| 5/8 | SLSHBK-10 | FHP10NPT8 | 0.34 |
| 5/8 | SLSPOR-10 | F10NPT8 | 0.36 |
| 5/8 | SPOR-10 | F10NPT8 | 0.36 |
| 3/4 | HABU-12 | FAR12NPT12 | 0.50 |
| 3/4 | HPBU-12 | F12NPT12 | 0.43 |
| 3/4 | SAOR-12 | FAR12NPT12 | 0.50 |
| 3/4 | SLHPBU-12 | F12NPT12 | 0.43 |
| 3/4 | SLSPOR-12 | F12NPT12 | 0.43 |
| 3/4 | SPOR-12 | F12NPT12 | 0.43 |
| 1 | HABU-16 | FAR16NPT16 | 0.79 |
| 1 | HPBU-16 | F16NPT16 | 0.71 |
| 1 | SAOR-16 | FAR16NPT16 | 0.79 |
| 1 | SLHPBU-16 | F16NPT16 | 0.71 |
| 1 | SLSPOR-16 | F16NPT16 | 0.71 |
| 1 | SPOR-16 | F16NPT16 | 0.71 |
| 1 1/4 | SAOR-20 | FAR20NPT20 | 1.00 |
| 1 1/4 | SLSPOR-20 | F20NPT20 | 1.00 |
| 1 1/4 | SPOR-20 | F20NPT20 | 1.00 |

NOTE: THE USE OF FITTINGS AND ASSEMBLY TOOLING OTHER THAN THAT SUPPLIED BY PIRANHA HOSE PRODUCTS IS AT THE RISK AND LIABILITY OF THE USER.



HOSE PRODUCTS, INC.
A Kuriyama Group Company

Sewer & Lateral Line Hose Fittings



FEMALE FITTINGS

| Hose ID (in) | Use With Hose Series | Female Part Number | Weight (lbs/each) |
|--------------|----------------------|--------------------|-------------------|
| 3/8 | LLRD-06 | FCP06FS-NS | 0.21 |
| 1/2 | LAGR-08 | FAR08FS8 | 0.39 |
| 1/2 | LHBK-08 | F08FS8 | 0.29 |
| 1/2 | LLBU-08 | F08FS8 | 0.29 |
| 1/2 | LLGR-08 | F08FS8 | 0.29 |
| 1/2 | SHBK-08 | FHP08FS8 | 0.30 |
| 1/2 | SLBU-08 | F08FS8 | 0.29 |
| 1/2 | SLGR-08 | F08FS8 | 0.29 |
| 1/2 | SLLHBK-08 | F08FS8 | 0.29 |
| 1/2 | SLSHBK-08 | FHP08FS8 | 0.30 |
| 3/4 | HABU-12 | FAR12FS12 | 0.60 |
| 3/4 | HPBU-12 | F12FS12 | 0.52 |
| 3/4 | SAOR-12 | FAR12FS12 | 0.60 |
| 3/4 | SLHPBU-12 | F12FS12 | 0.52 |
| 3/4 | SLSPOR-12 | F12FS12 | 0.52 |
| 3/4 | SPOR-12 | F12FS12 | 0.52 |
| 1 | HABU-16 | FAR16FS16 | 0.89 |
| 1 | HPBU-16 | F16FS16 | 0.81 |
| 1 | SAOR-16 | FAR16FS16 | 0.89 |
| 1 | SLHPBU-16 | F16FS16 | 0.81 |
| 1 | SLSPOR-16 | F16FS16 | 0.81 |
| 1 | SPOR-16 | F16FS16 | 0.81 |



MENDERS

| Hose ID (in) | Use With Hose Series | Mender Part Number | Weight (lbs/each) |
|--------------|----------------------|--------------------|-------------------|
| 1/2 | LAGR-08 | FAR08MEND | 0.40 |
| 1/2 | LHBK-08 | FLL08MEND | 0.33 |
| 1/2 | LLBU-08 | FLL08MEND | 0.33 |
| 1/2 | LLGR-08 | FLL08MEND | 0.33 |
| 1/2 | SHBK-08 | F08MEND | 0.36 |
| 1/2 | SLBU-08 | FLL08MEND | 0.33 |
| 1/2 | SLGR-08 | FLL08MEND | 0.33 |
| 1/2 | SLLHBK-08 | FLL08MEND | 0.33 |
| 1/2 | SLSHBK-08 | F08MEND | 0.36 |
| 5/8 | SHBK-10 | FA10MEND | 0.45 |
| 5/8 | SLSHBK-10 | FA10MEND | 0.45 |
| 5/8 | SLSPOR-10 | F10MEND | 0.47 |
| 5/8 | SPOR-10 | F10MEND | 0.47 |
| 3/4 | HABU-12 | FAR12MEND | 0.64 |
| 3/4 | HPBU-12 | F12MEND | 0.54 |
| 3/4 | SAOR-12 | FAR12MEND | 0.64 |
| 3/4 | SLHPBU-12 | F12MEND | 0.54 |
| 3/4 | SLSPOR-12 | F12MEND | 0.54 |
| 3/4 | SPOR-12 | F12MEND | 0.54 |
| 1 | HABU-16 | FAR16MEND | 0.99 |
| 1 | HPBU-16 | F16MEND | 0.73 |
| 1 | SAOR-16 | FAR16MEND | 0.99 |
| 1 | SLHPBU-16 | F16MEND | 0.73 |
| 1 | SLSPOR-16 | F16MEND | 0.73 |
| 1 | SPOR-16 | F16MEND | 0.73 |
| 1 1/4 | SLSPOR-20 | F20MEND | 1.04 |
| 1 1/4 | SPOR-20 | F20MEND | 1.04 |

NOTE: WHEN USING A MENDER, 2 DIE SETS ARE REQUIRED TO MEND A HOSE.

NOTE: THE USE OF FITTINGS AND ASSEMBLY TOOLING OTHER THAN THAT SUPPLIED BY PIRANHA HOSE PRODUCTS IS AT THE RISK AND LIABILITY OF THE USER.

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



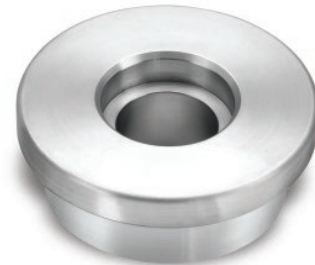
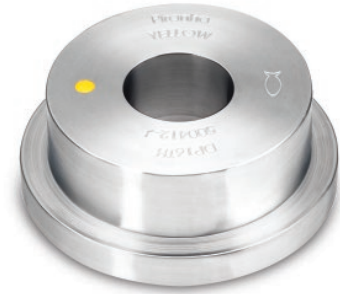
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MALE PUSHERS

| Hose ID (in) | Use With Hose Series | Male Part Number | Weight (lbs/each) |
|--------------|----------------------|------------------|-------------------|
| 1/8 | LLGR-02 | DP02TH | 2.33 |
| 1/8 | SLGR-02 | DP02TH | 2.33 |
| 3/16 | LLGR-03 | DP02TH | 2.33 |
| 3/16 | SLGR-03 | DP02TH | 2.33 |
| 1/4 | LLGR-04 | DP04TH | 2.33 |
| 1/4 | LLRD-04 | DP04TH | 2.33 |
| 1/4 | SLGR-04 | DP04TH | 2.33 |
| 1/4 | SLRD-04 | DP04TH | 2.33 |
| 3/8 | LLGR-06 | DP06TH | 2.33 |
| 3/8 | SLGR-06 | DP06TH | 2.33 |
| 1/2 | LAGR-08 | DP08TH | 2.19 |
| 1/2 | LHBK-08 | DP08TH | 2.23 |
| 1/2 | LLBU-08 | DP08TH | 2.23 |
| 1/2 | LLGR-08 | DP08TH | 2.23 |
| 1/2 | LLRD-08 | DP08TH | 2.23 |
| 1/2 | SHBK-08 | DP08TH | 2.23 |
| 1/2 | SLBU-08 | DP08TH | 2.23 |
| 1/2 | SLGR-08 | DP08TH | 2.23 |
| 1/2 | SLLHBK-08 | DP08TH | 2.23 |
| 1/2 | SLRD-08 | DP08TH | 2.23 |
| 1/2 | SLSHBK-08 | DP08TH | 2.23 |
| 5/8 | SHBK-10 | DP08TH | 2.23 |
| 5/8 | SLSHBK-10 | DP08TH | 2.23 |
| 5/8 | SLSPOR-10 | DP08TH | 2.23 |
| 5/8 | SPOR-10 | DP08TH | 2.23 |
| 3/4 | HABU-12 | DP12TH | 2.07 |
| 3/4 | HPBU-12 | DP12TH | 2.11 |
| 3/4 | SAOR-12 | DP12TH | 2.07 |
| 3/4 | SLHPBU-12 | DP12TH | 2.11 |
| 3/4 | SLSPOR-12 | DP12TH | 2.11 |
| 3/4 | SPOR-12 | DP12TH | 2.11 |
| 1 | HABU-16 | DP16TH | 1.77 |
| 1 | HPBU-16 | DP16TH | 1.81 |
| 1 | SAOR-16 | DP16TH | 1.77 |
| 1 | SLHPBU-16 | DP16TH | 1.81 |
| 1 | SLSPOR-16 | DP16TH | 1.81 |
| 1 | SPOR-16 | DP16TH | 1.81 |
| 1 1/4 | SAOR-20 | DP20TH | 1.39 |
| 1 1/4 | SLSPOR-20 | DP20TH | 1.66 |
| 1 1/4 | SPOR-20 | DP20TH | 1.66 |

NOTE: ONE DIE SET AND A PUSHER ARE REQUIRED TO COMPLETE AN ASSEMBLY.





HOSE PRODUCTS, INC.
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**NEW
PRODUCT**

MALE SWIVEL PUSHERS

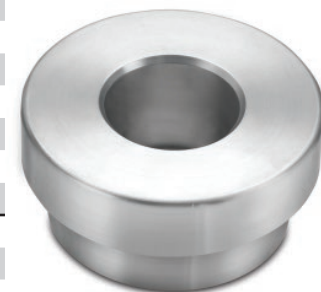
| Hose ID (in) | Use With Hose Series | Male Part Number | Weight (lbs/each) |
|--------------|----------------------|------------------|-------------------|
| 1/4 | LLGR-04 | DP04MSTH | 4.03 |
| 1/4 | LLRD-04 | DP04MSTH | 4.03 |
| 1/4 | SLGR-04 | DP04MSTH | 4.03 |
| 1/4 | SLRD-04 | DP04MSTH | 4.03 |
| 3/8 | LLGR-06 | DP06MSTH | 3.85 |
| 3/8 | LLRD-06 | DP06MSTH | 3.85 |
| 3/8 | SLGR-06 | DP06MSTH | 3.85 |
| 3/8 | SLRD-06 | DP06MSTH | 3.85 |
| 1/2 | LLBK-08 | DP08MSTH | 3.86 |
| 1/2 | LLBU-08 | DP08MSTH | 3.86 |
| 1/2 | LLGR-08 | DP08MSTH | 3.86 |
| 1/2 | LLRD-08 | DP08MSTH | 3.86 |
| 1/2 | SLBU-08 | DP08MSTH | 3.86 |
| 1/2 | SLGR-08 | DP08MSTH | 3.86 |
| 1/2 | SLLHBK-08 | DP08MSTH | 3.86 |
| 1/2 | SLRD-08 | DP08MSTH | 3.86 |



**NEW
SIZES**

FEMALE PUSHERS

| Hose ID (in) | Use With Hose Series | Female Part Number | Weight (lbs/each) |
|--------------|----------------------|--------------------|-------------------|
| 1/4 | LLGR-04 | DP04FSTH | 4.04 |
| 1/4 | LLRD-04 | DP04FSTH | 4.04 |
| 1/4 | SLGR-04 | DP04FSTH | 4.04 |
| 1/4 | SLRD-04 | DP04FSTH | 4.04 |
| 3/8 | LLGR-06 | DP06FSTH | 3.96 |
| 3/8 | LLRD-06 | DP06FSTH | 3.96 |
| 3/8 | SLGR-06 | DP06FSTH | 3.96 |
| 3/8 | SLRD-06 | DP06FSTH | 3.96 |
| 1/2 | LAGR-08 | DP08FSTH | 2.75 |
| 1/2 | LHBK-08 | DP08FSTH | 2.18 |
| 1/2 | LLBU-08 | DP08FSTH | 2.18 |
| 1/2 | LLGR-08 | DP08FSTH | 2.18 |
| 1/2 | SHBK-08 | DP08FSTH | 2.18 |
| 1/2 | SLBU-08 | DP08FSTH | 2.18 |
| 1/2 | SLGR-08 | DP08FSTH | 2.18 |
| 1/2 | SLLHBK-08 | DP08FSTH | 2.18 |
| 1/2 | SLSHBK-08 | DP08FSTH | 2.18 |
| 3/4 | HABU-12 | DP12FSTH | 2.47 |
| 3/4 | HPBU-12 | DP12FSTH | 1.87 |
| 3/4 | SAOR-12 | DP12FSTH | 2.47 |
| 3/4 | SLHPBU-12 | DP12FSTH | 1.87 |
| 3/4 | SLSPOR-12 | DP12FSTH | 1.87 |
| 3/4 | SPOR-12 | DP12FSTH | 1.87 |
| 1 | HABU-16 | DP16FSTH | 2.18 |
| 1 | HPBU-16 | DP16FSTH | 2.18 |
| 1 | SAOR-16 | DP16FSTH | 2.18 |
| 1 | SLHPBU-16 | DP16FSTH | 2.18 |
| 1 | SLSPOR-16 | DP16FSTH | 2.18 |
| 1 | SPOR-16 | DP16FSTH | 2.18 |



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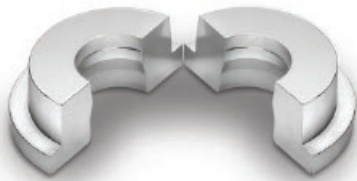
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DIES

| Hose ID (in) | Use With Hose Series | Dies Part Number | Weight (lbs/each) |
|--------------|----------------------|------------------|-------------------|
| 1/8 | LLGR-02 | DS02TH | 3.81 |
| 1/8 | SLGR-02 | DS02TH | 3.81 |
| 3/16 | LLGR-03 | DS03TH | 3.81 |
| 3/16 | SLGR-03 | DS03TH | 3.81 |
| 1/4 | LLGR-04 | DS04TH | 3.81 |
| 1/4 | SLGR-04 | DS04TH | 3.81 |
| 1/4 | LLRD-04 | DS04TH | 3.81 |
| 1/4 | SLRD-04 | DS04TH | 3.81 |
| 3/8 | SLGR-06 | DS06TH | 3.81 |
| 3/8 | LLGR-06 | DS06TH | 3.81 |
| 1/2 | LAGR-08 | DSAR08TH | 3.60 |
| 1/2 | LHBK-08 | DS08TH | 3.72 |
| 1/2 | LLBU-08 | DS08TH | 3.72 |
| 1/2 | LLGR-08 | DS08TH | 3.72 |
| 1/2 | LLRD-08 | DS08TH | 3.72 |
| 1/2 | SHBK-08 | DSSHPO8TH | 2.15 |
| 1/2 | SLBU-08 | DS08TH | 3.72 |
| 1/2 | SLGR-08 | DS08TH | 3.72 |
| 1/2 | SLLHBK-08 | DS08TH | 3.72 |
| 1/2 | SLRD-08 | DS08TH | 3.72 |
| 1/2 | SLSHBK-08 | DSSHPO8TH | 2.15 |
| 5/8 | SHBK-10 | DSAR08TH | 2.18 |
| 5/8 | SLSHBK-10 | DSAR08TH | 2.18 |
| 5/8 | SLSPOR-10 | DS10TH | 3.61 |
| 5/8 | SPOR-10 | DS10TH | 3.61 |
| 3/4 | HABU-12 | DSAR12TH | 3.35 |
| 3/4 | HPBU-12 | DS12TH | 3.45 |
| 3/4 | SAOR-12 | DSAR12TH | 3.35 |
| 3/4 | SLHPBU-12 | DS12TH | 3.45 |
| 3/4 | SLSPOR-12 | DS12TH | 3.45 |
| 3/4 | SPOR-12 | DS12TH | 3.45 |
| 1 | HABU-16 | DSAR16TH | 3.08 |
| 1 | HPBU-16 | DS16TH | 3.21 |
| 1 | SAOR-16 | DSAR16TH | 3.08 |
| 1 | SLHPBU-16 | DS16TH | 3.21 |
| 1 | SLSPOR-16 | DS16TH | 3.21 |
| 1 | SPOR-16 | DS16TH | 3.21 |
| 1 1/4 | SAOR-20 | DSAR20TH | 2.67 |
| 1 1/4 | SLSPOR-20 | DS20TH | 2.83 |
| 1 1/4 | SPOR-20 | DS20TH | 2.83 |



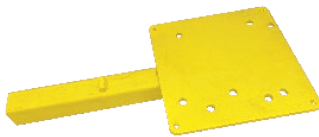
NEW! **PHP-110 Hand Operated Hydraulic Swaging Machine**

| Part Number | Description | Weight (lbs/each) |
|-------------|-------------|-------------------|
| SWAGE-HYDTH | HYD SWAGER | 86.00 |



NEW! **Horizontal Swage Tool**

| Part Number | Description | Weight (lbs/each) |
|--------------|-----------------|-------------------|
| SWAGE-HANDTH | HORIZNTL SWAGER | 15.00 |



NEW! **Swage Hitch Mounting Plate for use with all Piranha Swaging Equipment**

| Part Number | Description | Weight (lbs/each) |
|---------------|----------------|-------------------|
| PHPSWAGE-MPTH | MOUNTING PLATE | 17.00 |



NEW! **PHP-50 Mini Hydraulic Swaging Machine**

| Part Number | Description | Weight (lbs/each) |
|-------------|-----------------|-------------------|
| SWAGE-LLTH | MINI HYD SWAGER | 31.00 |

NOTE: THE USE OF FITTINGS AND ASSEMBLY TOOLING OTHER THAN THAT SUPPLIED BY PIRANHA HOSE PRODUCTS IS AT THE RISK AND LIABILITY OF THE USER.

NEW! **PHP-50 Swage Mini - Horizontal Swage Tool - Male Pusher**

| Hose ID (in) | Use With Hose Series | Male Pusher Part Number | Die Set Required | Weight (lbs/each) |
|--------------|----------------------|-------------------------|------------------|-------------------|
| 1/8 | LLGR, SLGR -2 | PHP50-02M | DS02TH | 1.50 |
| 3/16 | LLGR, SLGR -3 | PHP50-02M or PHP50-04M | DS03TH | 1.50 |
| 1/4 | LLGR, SLGR-4 | PHP50-04M | DS04TH | 1.50 |
| 1/4 | LLRD, SLRD -4 | PHP50-04M | DS04TH | 1.50 |
| 3/8 | LLGR, SLGR-6 | PHP50-06M | DS06TH | 1.50 |
| 3/8 | LLRD, SLRD-6 | PHP50-06M | DS065TH | 1.50 |
| 1/2 | LAGR-8 | PHP50-08M | DSAR08TH | 1.50 |
| 1/2 | LHBK, SLLHBK-8 | PHP50-08M | DS08TH | 1.50 |
| 1/2 | LLBU, SLBU-8 | PHP50-08M | DS08TH | 1.50 |
| 1/2 | LLGR, SLGR -8 | PHP50-08M | DS08TH | 1.50 |
| 1/2 | LLRD, SLRD-8 | PHP50-08M | DS08TH | 1.50 |
| 1/2 | SHBK, SLSHBK-8 | PHP50-08M | DSSHP08TH | 1.50 |



NOTE: ONE DIE SET AND A PUSHER ARE REQUIRED TO REPAIR AN END FITTING.

NOTE: THE USE OF FITTINGS AND ASSEMBLY TOOLING OTHER THAN THAT SUPPLIED BY PIRANHA HOSE PRODUCTS IS AT THE RISK AND LIABILITY OF THE USER.

NEW! **PHP-50 Swage Mini - Horizontal Swage Tool - Female Pusher**

| Hose ID (in) | Use With Hose Series | Female Pusher Part Number | Die Set Required | Weight (lbs/each) |
|--------------|----------------------|---------------------------|------------------|-------------------|
| 1/8 | LLGR, SLGR -2 | N/A | DS02TH | 1.50 |
| 3/16 | LLGR, SLGR -3 | PHP50-02FS or PHP50-04FS | DS03TH | 1.50 |
| 1/4 | LLGR, SLGR-4 | PHP50-04FS | DS04TH | 1.50 |
| 1/4 | LLRD, SLRD -4 | PHP50-04FS | DS04TH | 1.50 |
| 3/8 | LLGR, SLGR-6 | PHP50-06FS | DS06TH | 1.50 |
| 3/8 | LLRD, SLRD-6 | PHP50-06FS | DS065TH | 1.50 |
| 1/2 | LAGR-8 | PHP50-08FS | DSAR08TH | 1.50 |
| 1/2 | LHBK, SLLHBK-8 | PHP50-08FS | DS08TH | 1.50 |
| 1/2 | LLBU, SLBU-8 | PHP50-08FS | DS08TH | 1.50 |
| 1/2 | LLGR, SLGR -8 | PHP50-08FS | DS08TH | 1.50 |
| 1/2 | LLRD, SLRD-8 | PHP50-08FS | DS08TH | 1.50 |
| 1/2 | SHBK, SLSHBK-8 | PHP50-08FS | DSSHP08TH | 1.50 |

NEW! **PHP-50 Swage Mini - Horizontal Swage Tool - Male Swivel Pusher**

| Hose ID (in) | Use With Hose Series | Male Swivel Pusher Part Number | Die Set Required | Weight (lbs/each) |
|--------------|----------------------|--------------------------------|------------------|-------------------|
| 1/8 | LLGR, SLGR -2 | NA | DS02TH | 1.50 |
| 3/16 | LLGR, SLGR -3 | N/A | DS03TH | 1.50 |
| 1/4 | LLGR, SLGR-4 | PHP50-04MS | DS04TH | 1.50 |
| 1/4 | LLRD, SLRD -4 | PHP50-04MS | DS04TH | 1.50 |
| 3/8 | LLGR, SLGR-6 | PHP50-06MS | DS06TH | 1.50 |
| 3/8 | LLRD, SLRD-6 | PHP50-06MS | DS065TH | 1.50 |
| 1/2 | LAGR-8 | PHP50-08MS | DSAR08TH | 1.50 |
| 1/2 | LHBK, SLLHBK-8 | PHP50-08MS | DS08TH | 1.50 |
| 1/2 | LLBU, SLBU-8 | PHP50-08MS | DS08TH | 1.50 |
| 1/2 | LLGR, SLGR -8 | PHP50-08MS | DS08TH | 1.50 |
| 1/2 | LLRD, SLRD-8 | PHP50-08MS | DS08TH | 1.50 |
| 1/2 | SHBK, SLSHBK-8 | PHP50-08MS | DSSHP08TH | 1.50 |

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.