

The Hydraulic

# CONNECTION

An Informative Industry Newsletter Published By:

Back By  
Popular Demand

## PUMP, MOTOR AND VALVE REPAIR KITS

Hercules re-introduces the popular line of Pump, Motor and Valve Repair Kits. The following is a list of products that are now available on-line at [www.HerculesUS.com](http://www.HerculesUS.com). Visit the "New Products" page on our website (top menu) to view a detailed list of this new product line offering.

### Pump Repair Kits

**Commercial Intertech** - P20, 25X, 30, 37X, 50, 75, 330, 350, 365 C101/ C102, G101/G102 Series Pump Repair Kits

**Gresen** - P16, TP16 - 2 Place, TP16 - 3 Place, PVP16, CP16, 20, R20, TP20 - 2 Place, TP20 - 3 Place Pump Repair Kits, M20 Motor Repair Kits

**Vickers** - VQ, V and Motor Seal Kits

### Motor Repair Kits

**White** - RS, RE and DR Series Motor Repair Kits

### Valve Repair Kits

**Gresen** - 25P, V42, SP, SPK, SSK, 300 and 400 Series Valve Repair Kits

## HERCULES<sup>®</sup> SEALING PRODUCTS

### September Special CAP PLUG KIT



Holds 625 cap plugs in 24 of the most popular sizes.

# \$49.50

(\$173.16 Retail Value)

Offer Available 9/1/10 - 9/30/10

While Supplies Last

When Ordering Online Use

**Part# CAP PLUG KIT PROMO**

## Be Recognized as a Genuine Hercules Repair Parts Provider!

Hercules Brand  
Merchandise Now Available  
[www.HerculesUs.com](http://www.HerculesUs.com)



COFFEE MUG .....	\$5.00
BASEBALL HAT .....	\$6.00
TRUCKER HAT .....	\$9.00
T-SHIRT - MED.....	\$6.00
T-SHIRT - LARGE.....	\$6.00
T-SHIRT - XLARGE.....	\$6.00
T-SHIRT - XXLARGE.....	\$7.00
T-SHIRT - XXXLARGE.....	\$7.00

POLO SHIRT - SMALL .....	\$17.50
POLO SHIRT - MEDIUM .....	\$17.50
POLO SHIRT - LARGE .....	\$17.50
POLO SHIRT - XLARGE .....	\$17.75
POLO SHIRT - XXLARGE .....	\$18.75
POLO SHIRT - XXXLARGE.....	\$18.75
COUNTER MAT .....	\$10.00
COUNTER STOOL .....	\$79.95

Order your free 2010 Hercules Catalogs online at [www.HerculesUS.com](http://www.HerculesUS.com). Go to the top menu and pull-down the "Corporate Literature" menu. Catalogs will be shipped within 3-5 days. While at the Hercules website, be sure to sign up for the e-Newsletter. This can be found on the bottom of the home-page. Simply submit your e-mail address to receive the latest web specials, new product notifications and webinar dates and times. Opt out at any time with one simple click.



**POPULAR**

# JCB Replacement Parts

MODEL 3C MIII	MODEL SITEMASTER
MODEL 3CX	MODEL 505-19 F.M
MODEL 3CX SITEMASTER	MODEL 505-22, 505-22 SWAY
MODEL 3D	MODEL 506B
MODEL 3D MKII	MODEL 525B-4HL
MODEL 3D MKIII	MODEL 530B-4HL
MODEL 4CN, 4C TURBO	MODEL 801
MODEL 208S, 208S HF	MODEL 803
MODEL 210S, 210SU	MODEL 803 MAGNUM, 803 PLUS
MODEL 214	MODEL 803 SUPER
MODEL 214E	MODEL 804
MODEL 214SM-4	MODEL 804 PLUS
MODEL 215-4 CENTER MOUNT SERIES 3	MODEL 804 SUPER
MODEL 215S	MODEL 8014
MODEL 1400, 1400B	MODEL 8015
MODEL 1550, 1550B	MODEL 8017
MODEL 1700B	MODEL 8052
MODEL 1CX	MODEL JS240
MODEL 2CX	MODEL 426
MODEL MIDI CX	MODEL 436
MODEL JS210	MODEL 456

Buy  
Online  
[www.HerculesUs.com](http://www.HerculesUs.com)

# LIEBHERR Replacement Parts

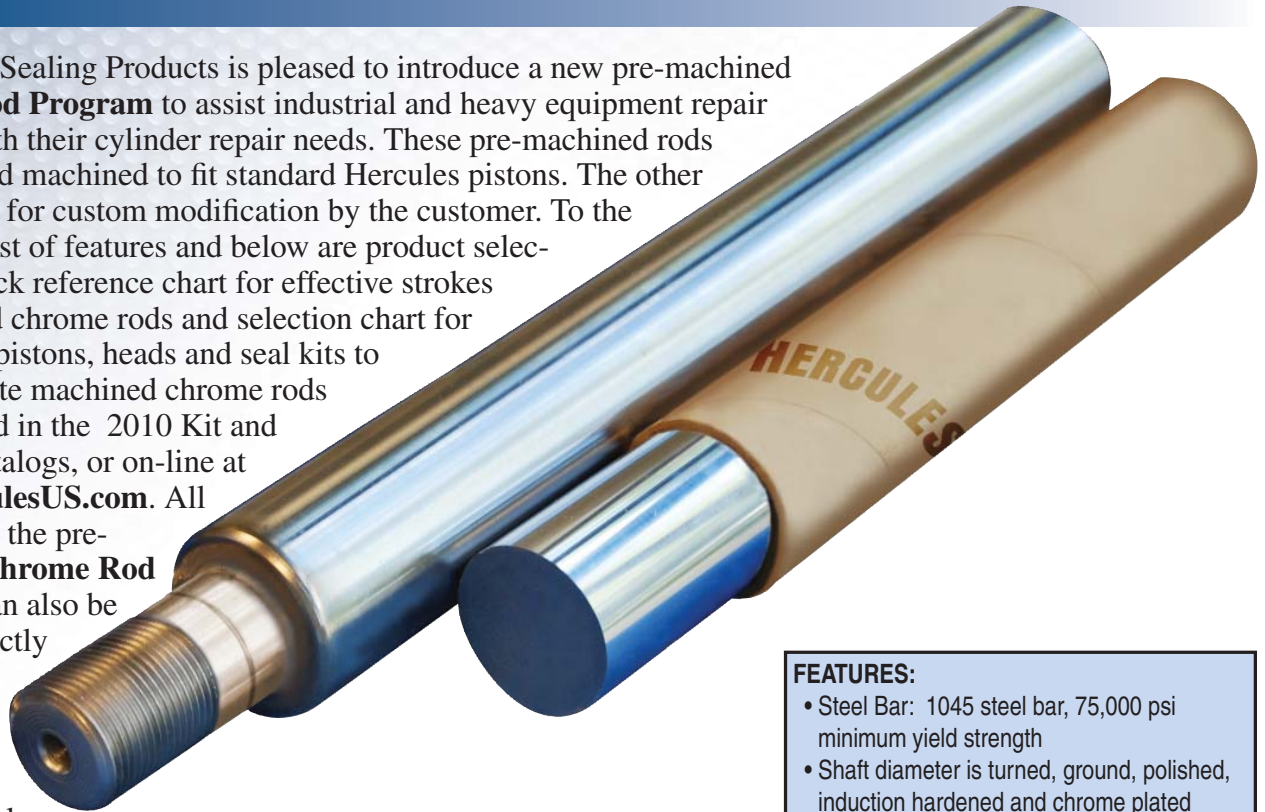
**AVAILABLE  
NOW**

MODEL KL2420	MODEL A311 LI
MODEL R900 C-LI, R900 C HD-S LI, R900 C HD-SL LI	MODEL A312 LI
MODEL R904 C-LI, R904 C HD-SL 2000 LI, R904 C HD-SL 2250 LI	MODEL A314 LI
MODEL R912 HD-SL, R912 LC	MODEL A316 LI
MODEL R914 B, R914 B HD-S, R914 B HD-SL	MODEL A900 C-LI
MODEL R924 B HD-SL LI	MODEL A904 C-LI
MODEL R924 COMPACT	MODEL L506 STEREO
MODEL R932 EW, R932 HD-SL	MODEL L507 STEREO
MODEL R934 B, R934 C, R934 EW, R934 HD-SL	MODEL L508 STEREO
MODEL R934 C HD-S, R934 C HD-SL	MODEL L509 STEREO
MODEL R942 HD-SL	MODEL L538, L538 (Z-BAR)
MODEL R944 B, R944 C, R944 HD-SL	MODEL L544
MODEL R954 B, R954 C, R954 HD	MODEL L556 2PLUS2, L556 2PLUS2 HIGH LIFT
MODEL R964 C	MODEL L564
MODEL A309 LI	MODEL L566 2PLUS2, L566 2PLUS2 HIGH LIFT

To order any of the parts listed above, please visit our website [www.HerculesUS.com](http://www.HerculesUS.com) or call 800-777-5617 to request a catalog.

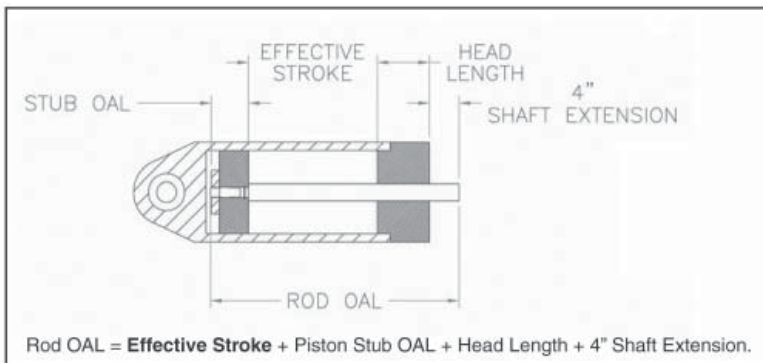
# CHROME ROD PROGRAM

Hercules Sealing Products is pleased to introduce a new pre-machined **Chrome Rod Program** to assist industrial and heavy equipment repair facilities with their cylinder repair needs. These pre-machined rods offer one end machined to fit standard Hercules pistons. The other end is blank for custom modification by the customer. To the right are a list of features and below are product selections. A quick reference chart for effective strokes of machined chrome rods and selection chart for compatible pistons, heads and seal kits to accommodate machined chrome rods can be found in the 2010 Kit and Cylinder catalogs, or on-line at [www.HerculesUS.com](http://www.HerculesUS.com). All products for the pre-machined **Chrome Rod Program** can also be ordered directly through the Hercules website or by calling your regional sales staff at **1-800-777-5617**.



## FEATURES:

- Steel Bar: 1045 steel bar, 75,000 psi minimum yield strength
- Shaft diameter is turned, ground, polished, induction hardened and chrome plated
- Surface Hardness: Induction hardened to Rc 50 minimum Case Depth: 0.050" minimum per SAE J423
- Plate Thickness: 0.001" minimum hard chrome-plated
- Hardness of Chrome Plate: Rc 68-72
- Surface Finish: 12 RMS maximum
- Packaging: Individually cardboard tube wrapped, inside hard plastic tubing
- Salt Spray Test: 48 hours minimum per ASTM B117
- Machined on one end to accommodate standard Hercules pistons Piston styles: IT, ITW, TH, and TM
- One end square cut to be modified, per application, by customer



## EFFECTIVE STROKE CALCULATION

Rod Dia	Stub Dia	Part # 12" Nominal Stroke* (24" OAL)	List \$	Part # 24" Nominal Stroke* (36" OAL)	List \$	Part # 36" Nominal Stroke* (48" OAL)	List \$	Part # 48" Nominal Stroke* (60" OAL)	List \$	Part # 60" Nominal Stroke (72" OAL)	List \$
0.750	0.625	CR75I-0.75X24-0.62	55.20	CR75I-0.75X36-0.62	80.53	CR75I-0.75X48-0.62	105.82	N/A	N/A	N/A	N/A
1.000	0.750	CR75I-1.00X24-0.75	68.18	CR75I-1.00X36-0.75	98.93	CR75I-1.00X48-0.75	129.69	CR75I-1.00X60-0.75	160.49	N/A	N/A
1.125	0.750	CR75I-1.12X24-0.75	74.58	CR75I-1.12X36-0.75	108.67	CR75I-1.12X48-0.75	144.62	CR75I-1.12X60-0.75	178.67	CR75I-1.12X72-0.75	212.76
1.250	0.750	CR75I-1.25X24-0.75	81.96	CR75I-1.25X36-0.75	119.78	CR75I-1.25X48-0.75	157.64	CR75I-1.25X60-0.75	195.56	CR75I-1.25X72-0.75	233.56
1.500	0.750	CR75I-1.50X24-0.75	107.69	CR75I-1.50X36-0.75	157.64	CR75I-1.50X48-0.75	209.11	CR75I-1.50X60-0.75	259.11	CR75I-1.50X72-0.75	309.24
1.500	1.000	CR75I-1.50X24-1.00	107.69	CR75I-1.50X36-1.00	157.64	CR75I-1.50X48-1.00	209.11	CR75I-1.50X60-1.00	259.11	CR75I-1.50X72-1.00	309.24
1.750	1.000	CR75I-1.75X24-1.00	142.76	CR75I-1.75X36-1.00	209.33	CR75I-1.75X48-1.00	277.24	CR75I-1.75X60-1.00	342.31	CR75I-1.75X72-1.00	408.80
2.000	1.000	CR75I-2.00X24-1.00	147.69	CR75I-2.00X36-1.00	218.04	CR75I-2.00X48-1.00	287.16	CR75I-2.00X60-1.00	357.51	CR75I-2.00X72-1.00	426.67
2.000	1.250	CR75I-2.00X24-1.25	147.69	CR75I-2.00X36-1.25	218.04	CR75I-2.00X48-1.25	287.16	CR75I-2.00X60-1.25	357.51	CR75I-2.00X72-1.25	426.67
2.500	1.250	CR75I-2.50X24-1.25	209.20	CR75I-2.50X36-1.25	308.80	CR75I-2.50X48-1.25	408.36	CR75I-2.50X60-1.25	507.82	CR75I-2.50X72-1.25	606.27
3.000	1.250	CR75I-3.00X24-1.25	283.87	CR75I-3.00X36-1.25	419.29	CR75I-3.00X48-1.25	554.71	CR75I-3.00X60-1.25	690.13	CR75I-3.00X72-1.25	825.51



1016 N. Belcher Road  
 Clearwater, Florida 33765  
[www.HerculesUS.com](http://www.HerculesUS.com)

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 More Than Just Parts...**

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  - Highest Quality Parts
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- Extensive Annual Product Catalogs
- Catalog Pricing For 12 Months
  - Low Shipping Costs
  - Next Day Delivery
  - Special Packaging

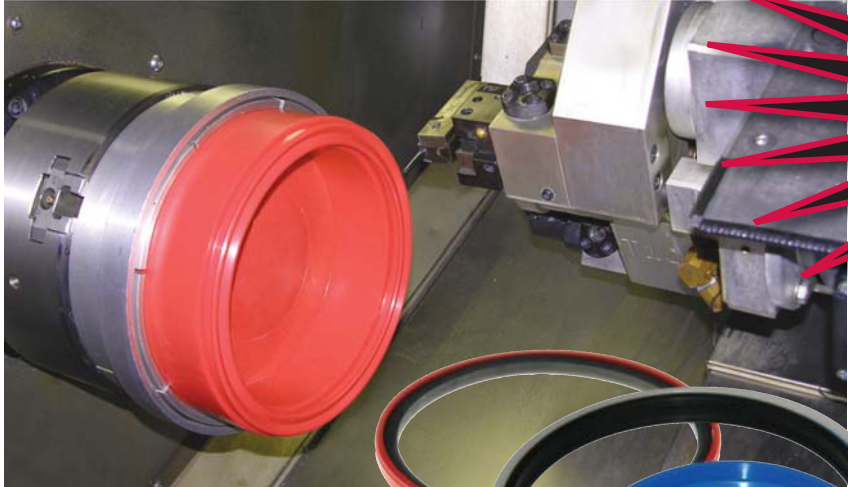


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*S ame D ay*

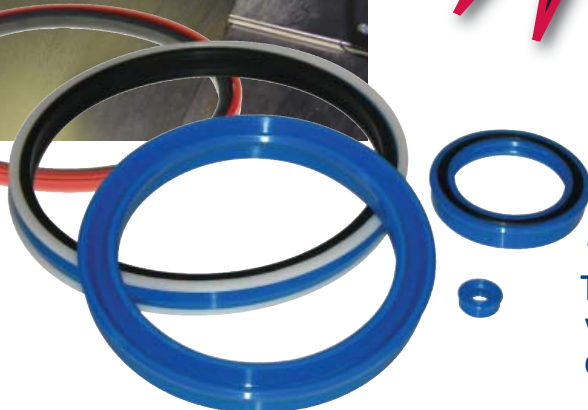
**SEALS ON DEMAND**



**Orders Placed  
 By Noon  
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 UPS Next Day Air  
 Limits on Quantity, Style  
 and Materials**

→ Manufacturing Custom Seals Since 2005!

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Visit our website at [www.HerculesUS.com](http://www.HerculesUS.com)  
 To request a quote and view a complete list of custom seal materials, profiles and sizes.