

# Tool & Product Update

Makers of Huck®, Marson®, Recoil®  
Brand Fasteners, Tools & Accessories

## INFORMATIONAL/INSTRUCTIONAL BULLETIN

# HARD PLUMBING SPECIFICATIONS

The following general specifications apply to situations when hard-plumbing of HUCK hydraulic Powerigs® is necessary or preferred.

### TUBING / CONED & THREADED PIPE:

- Small diameter tools (2400 etc.) 3/8" OD, .083 wall thickness
- Large diameter tools (Huck-Spin, 507 etc.) 1/2" OD, .109 wall thickness
- All tubing must be fully annealed to R.C.B. 80 or less, 304 or 316 seamless stainless steel, ASTM A269
- Rated at 10,000 PSI working pressure

### FITTINGS:

- 304 or 316 stainless steel body & ferrule
- Rated at 10,000 PSI working pressure

### MANUFACTURER:

- Parker, BuTech, Autoclave Engineers or equivalent

### GENERAL RULES:

- Runs should be no longer than 100' in any direction
- 90 degree bends or fittings should be kept to a minimum
- Small length of hose should be used to connect Powerig® to the piping system. (Do not connect the Powerig® rigid to the hard plumbing)
- Use supports or braces on pipes where necessary to reduce vibration
- Inquiries for recommendations should be directed to local tubing and fitting supplier.

We look forward to serving all your tooling needs. For more information or to order, please contact your local distributor, call direct, or visit us on the web:

**Alcoa Fastening Systems & Rings**  
1 Corporate Drive  
Kingston, NY 12401  
800-278-4825

AEROSPACE: [http://www.alcoa.com/fastening\\_systems/en/home.asp](http://www.alcoa.com/fastening_systems/en/home.asp)  
INDUSTRIAL: <http://www.afshuck.net/us/>

