



# Industrial Tube Fittings, Adapters and Equipment

Catalog 4300  
June 2003



***The World Standard***



## Introducing the snowflake principle.

(Since no two applications are the same.)

Why work your designs around parts somebody else designed, just because they're available? We have an entire facility dedicated to delivering custom fittings, manufactured precisely to your specs or drawings and in record time – whether you need 2,000 or just that one-of-a-kind. Chances are it'll cost less than you thought, too. **So if you can't find the right fitting, adapter or flange within this catalog, call 1-866-222-2267.** Or e-mail inquiries regarding quotations to [customfittings@Parker.com](mailto:customfittings@Parker.com). You'd be amazed at the cool stuff we can do together.

### **WARNING**

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**Parker Hannifin Corporation**  
Tube Fittings Division  
Columbus, Ohio

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..... *Intru-Lok* .....

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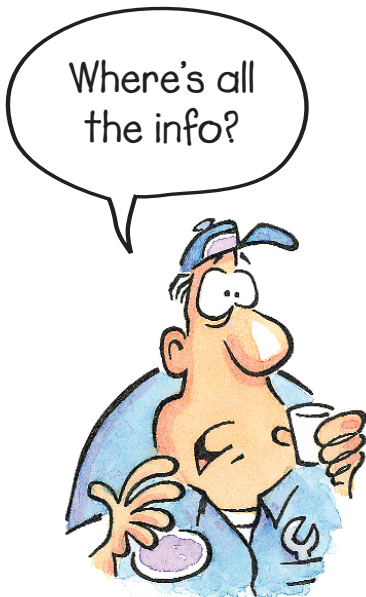
**W**



# The new Parker Industrial Tube Fittings, Adapters and Equipment Catalog is here!



You never thought it would happen. But it has. The new Tube Fittings Catalog is here, so you better study the changes that have been made, because there will be a quiz later.



## Introducing the new 2003 format: easier to use, less redundant and by golly, it shrunk!

You gave us ideas and we're taking credit for them. They're all in this catalog. Along with simplified technical data and reduced redundancies, we've condensed material and made the charts more useful. Don't worry, all the information is still here, except now it's in more logical locations.

But wait, there's more! In the Visual Index, the products are arranged by shape instead of end-type. And the Metric/BSP Fittings Section has moved back into the appropriate product line. And, because we like you so much, we've incorporated the 4300-FL Hydraulic Flanges and Components Catalog into this catalog as well.

## We've even added new sections!

The list below details the elements that have been added or brought out as their own section, never before seen in a Parker Tube Fittings Catalog!

### New Sections:

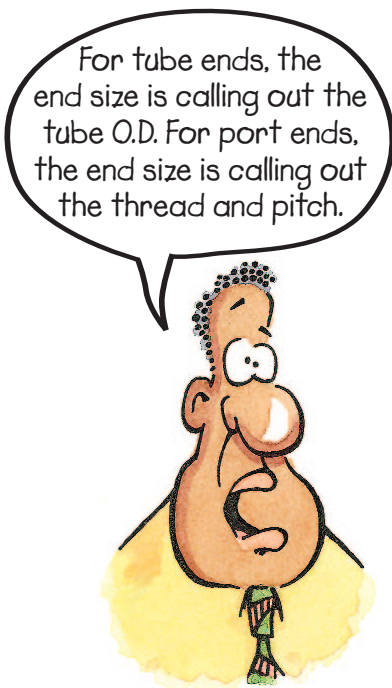
- Assembly/Installation – Includes tube- and port-end assembly, tube-end preparation, routing and clamping
- Reference – Contains common dimensions listed by product to avoid redundancy
- Diagnostic, Orifice, Bleed Adapter and Specialty Fittings
- Hydraulic Flanges and Components – Now includes Catalog 4300-FL
- Conversion Adapters – This is now its own section
- JIS – This is now its own section
- K4 – This is now its own section
- Komatsu – This is now its own section
- Pipe Fitting and Port Adapters – This is now its own section
- Pipe (07) Swivels – This is now its own section
- O-rings and Seals – This is now its own section

# The how-to-find-it chart

Item	Where it was	Where it is now
Metric/BSP Fittings and Conversion Adapters Section	Section I	In Appropriate Product Section
Assembly Instructions	Product Section or General Technical	New Assembly/Installation Section
Dynamic Pressure Tables	Beginning of Each Product Section	Incorporated into Product Tables Where Product is Standard from Stock
Static Pressure Tables Section	Beginning of Each Product Section	Calculation Formula in General Technical
Hose Fitting Part #	Product Tables Where Applicable	Replaced with Base # Above Chart
Part # Nomenclature for Assembly Levels	Product Pages Above Each Chart	General Technical – How to Order Pages
<b>Common Product Dimensions:</b>		
Tube End Thread Size	Product Tables	Reference Section
Max Drill Tube and Swivel Ends	Product Tables	Reference Section
Assembly Length	Product Tables	Reference Section
Tube and Swivel Nut Hexes	Product Tables	Reference Section
Male and Swivel Turnbacks	Product Tables	Reference Section

## We'll even draw you a diagram or two.

In an effort to make the drawings simpler and easier to read, we've made a little switcheroo. For tube ends, the end size is calling out the tube O.D. For port ends, the end size is calling out the thread and pitch.



## Pay attention – here's where it gets a little tricky.

Remember how the old catalog had a Standard Material from Stock column in the Product Tables? Well now, this column has been revised to include the dynamic pressures as well. So where there used to be bullets indicating it was standard in steel, stainless steel or brass, now there are numbers that, when multiplied by 1,000 PSI, indicate dynamic pressure as well as the standard material.

STANDARD MATERIAL FROM STOCK		
S	SS	B
•		

Before, the chart showed you that the fitting was available as standard in steel.

STANDARD Dynamic Pressure (x 1000 PSI)		
S	SS	B
6.0		

Now, the chart illustrates that the fitting is available as standard in steel and has a dynamic pressure of 6,000 PSI.

## CD Included!

Nestled in the back cover is a CD containing everything that's in the printed catalog as well as links to fully dimensioned fitting drawings with corresponding charts. It also has navigational capabilities that make moving from section to section effortless.

