

COMMITMENT TEAMWORK EXCELLENCE

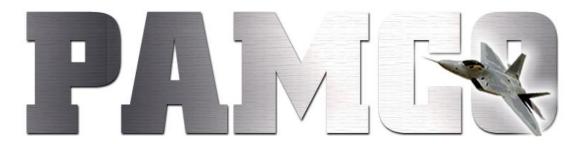
## PRECISION AIRCRAFT MACHINING CO., INC.

SUN VALLEY. CA.91352

WWW.PAMCO-INC.COM

PHONE: (818) 768-5900 FAX: (818) 768-1409





Precision Aircraft Machining co., inc.



"We are in business for our customers"

Donald Pisano, President Precision Aircraft Machining Co., Inc.







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# PANTIS Desk Message from President's Desk

I would like to introduce you to PRECISION AIRCRAFT MACHINING CO. INC. dba PAMCO, a young aggressive, family owned, small business.

PAMCO is "Big enough to perform" on just about any size order but, "We're small enough to care" about our customers.

PAMCO has been continuously audited and Certified to AS9100, ISO 9001, AS7003, AC7112 and AC7112/2 since 2002 along with various other Primes.

With today's emphasis for quality and on time deliveries, PAMCO offers a modern high tech machine shop, which operates 20 hours a day and covers more than 22,000 square feet. PAMCO produces some of the finest products in today's marketplace with highly precision parts and rapid deliveries.

Our machine shop is supported by the Quality Assurance requirements of AS9100 Revision C, with first article, in process and final inspections. Our thread inspections meet all the requirements of AS 8879, MIL-S-7742, ANSI/AMSE A1.3M and handbook H-28. Inspection procedures also include the use of JOHNSON GAGES and optical comparators.

We manufacture AS, MS, NAS and AN hydraulic tube fittings, flared and flareless. We also manufacture Customer Proprietary Designs or Customer Controlled Standards and Specials. Alloys available are Titanium, Inconel, Monel, Carbon Steel, Aluminum and all Stainless Steels including 431, 15-5 PH and 17-4 PH.

Parts are made to order per customer request with small quantities of most part numbers maintained in stock. Pamco maintains an inventory of over 6,000 items. We manufacture parts for customers such as Boeing, Bell Helicopter, Textron, Lockheed Martin, Northrop Grumman, Litton Industries, Bombardier, Embraer, Gulfstream, Essex Cryogenics, Parker Stratoflex, Cessna Aircraft, Raytheon Aerospace, Beech Aircraft, Crane Resistoflex, Defense Supply Center, Columbus (DSCC) and many others.

Lead times can vary from weeks to just days in the event of an AOG or a Customers critical need. Rush jobs or Expedited deliveries are always welcomed at PAMCO.

In our excellent short run shop we can run from just a few to hundreds in days instead of months.

We also carry a large inventory of raw material and forgings to be able to respond quickly. All material is DFAR compliant and certified.

Please call, fax or e-mail your requirements to our sales office and "Thank you" for taking time and allowing me to offer my company to you.

Sincerely yours,
Donald A. Pisano, President
Precision Aircraft Machining Co. Inc.







Company Overview

In accordance with SAE Aerospace Standard AS7003, PAMCO was accredited since 2002 and granted inclusion into the Performance Review Institute's (PRI) Qualified Manufacturer List (QML) by the Nadcap Management Council PAMCO is also listed on the QML for the following Specifications:

- AS4444 Fittings, 24 degree Cone Flareless, Fluid Connection, 5000 psi
- AS4841 Fittings, 37 degree Flared, Fluid Connection
- AS4842 Fittings and Bosses, Pipe Threaded, Fluid Connection.
- AS4842/1 Fittings, 37° Flared to Pipe Threaded, Fluid Connection.
- AS4842/2 Fittings, Flareless to Flared to Pipe Threaded, Fluid Connection.
- AS4843 Fittings, Beaded, Fluid Connection.
- AS4843/1 Fittings, Beaded to 37 degree Flared, Fluid Connection.
- AS4843/2 Fittings, Beaded to Pipe Threaded, Fluid Connection.
- AS4875 Fittings, Straight Threaded Boss or Flanged, Fluid Connection.
- AS4875/1 Fittings, Straight Thread Boss or Flanged to 37 degree Flared, Fluid Connection.
- AS4875/2 Fittings, Flanged to Beaded, Fluid Connection
- AS18280 Fittings, 24 degree Cone Flareless, Fluid Connection, 3000 psi.
- AS85421 Fittings, Tube, Fluid Systems, Separable, Beam Seal, 3000/4000 psi.
- General Fittings and Other Machined Components

We manufacture AS, MS, NAS and AN hydraulic tube fittings, flared and flareless. Alloys available are Titanium, Inconel, Monel, Carbon Steel, Aluminum and all Stainless Steels including 431SS, 15-5 PH and 17-4 PH.

In July 2018 PAMCO received AS9100 REV D and ISO 9002 certification through NSF Registar and has been continuously certified since 2002. In addition, PAMCO has been accredited to AC7112 and AC7112/2 since 2002.

PAMCO is a qualified source of, and is listed on the Performance Review Institute's (PRI) Qualified Products Listing (QPL) for the AS18280 Procurement Specification for Fittings, 24 degree Cone Flareless, Fluid Connection, 3000 psi. Below is a list of parts that PAMCO has been approved for as of January 2012 made out of Corrosion Resistant Steel, Titanium, Aluminum, 15-5 PH and Low Alloy Steel in bar and forging.

- QPL AS18280
- AS1001 thru AS1010, sizes -04 to -24
- AS1792, sizes -04 thru -20
- AS21900, sizes -04 thru -24
- AS21902, sizes -04 thru -24
- AS21904 thru AS21916, sizes -04 thru -24
- AS21921, sizes -04 thru -24
- AS21923 thru AS21926, sizes -04 thru -24
- AS21937 thru AS21945 sizes vary (\*see below)
- AS24405, sizes vary (\*see below)
- AS24651 thru AS24652, sizes -04 thru -24
- AS4130 thru AS4141, sizes -04 thru -24
- AS5230 thru AS5232, sizes -04 thru -24
- AS5238 thru AS5242, sizes vary (\*see below)
- AS6041 thru AS6050, sizes -04 thru -24
- QPL AS85421
- AS85421 /3 thru /17 in Titanium, sizes 04, 06, 08, 10
- AS4213 in Titanium, sizes 04, 06, 08, 10
- AS4214 in Titanium, sizes 04, 06, 08, 10

(\* Please contact PAMCO for your specific sizes)

We manufacture AS, MS, NAS and AN hydraulic tube fittings, flared and flareless. Alloys available are Titanium, Inconel, Monel, Carbon Steel, Aluminum and all Stainless Steels including 431, 15-5 PH and 17-4 PH.

PAMCO is continuously testing new part numbers so if you don't see a part number you're looking for, please contact PAMCO for the latest information.





History

If you ask Don Pisano, president and founder of PAMCO, to tell you about his company, he'll say, "Don't ask me about PAMCO... ask our customers." This one statement speaks volumes about the man and the company he created.

Don got interested in the aircraft business in the 1950s while working on Pratt & Whitney aircraft engines. He got a job modifying aircraft hardware in Sun Valley, California, where he learned the art of precision machining. A few years later, with money borrowed from a friend, Don started D.A. Pisano Company in his garage and continued working on P&W engine parts. In 1962, he moved his growing business into a small shop in Sun Valleywhere he ran his company for many years.

By 1979, Don and two partners were running a company called Cal Fittings, which bought and sold aircraft parts. Don wanted Cal Fittings to start manufacturing precision aircraft fittings, but his partners said, "No." Saying "No" to Don Pisano is like throwing down a gauntlet. Challenges are his inspiration for action. So Don set out to build another business…and PAMCO was born.

In that same year, PAMCO acquired manufacturing equipment for its recently completed 6,800-square-foot building in Sun Valley. With twelve employees, and Don's expert leadership, PAMCO began producing top-of-the-line-aircraft fittings. "The 1980s were tough years," says Don, "but hard work and close attention to customer needs saw us through and helped to create the success that is PAMCO today."

Indeed, PAMCO's success is amazing. PAMCO achieved Performance Review Institute's "Qualified Products Listing" (QPL) for -4, -5, -6, -8, -12, -16 & -20 and -24 in Aluminum, Stainless Steel, Low Carbon and Titanium materials starting in the early part of 2002 and still continuing today. This QPL is for flareless fittings procured under AS18280 (MIL-F-18280) requirements. PAMCO occupies over 22,000 square feet in Sun Valley, employs a work force of over 60, and operates 20-hours-a-day with two shifts.

What is the secret of PAMCO's success? "It's no secret," Don explains. "We just do things right. We're constantly looking for ways to improve our service to our customers. We plan to increase our QPL items in flareless fittings and expand our size ranges in our product line".

PAMCO's future is firmly rooted in its past. "Based upon our reputation alone," says Don, "we will maintain existing relationships as new business joins our family of loyal customers." PAMCO will continue to grow and prosper because, as Don likes to say, "We're not in business for ourselves ... we're in business for our customers."

Don's dedication and determination is instilled in each and every employee. From Management to Maintenance, from Machinist to Shipping Clerk, Quality and Customer come first.







#### PAMCO IS APPROVED FOR AS85421 BEAM SEAL FITTINGS

In December 2014 PAMCO was granted approval and accepted into SAE G3 Qualified Product Group (QPG) for the AS85421 BEAM SEAL STANDARD

PAMCO is pleased to announce inclusion into PRI Qualified Product Listing (QPL) for the Procurement Standard AS85421.

Please check with PAMCO for more additional information as we will be adding to this QPL listing soon.

# PAMCO RECEIVES ISO 9001:2015 & AS/EN 9100-D CERTIFICATION

Continuous since 2002, PAMCO has been Certified to SAE standard AS9100 and ISO9001.

AS9100 and ISO9001 Certifications are yet another step in the ongoing pursuit of excellence at PAMCO, and sets metrics in place for quality, production, cost accounting and many other aspects of modern business management.

These tools along with Don's expert leadership, sets PAMCO apart from the rest. It also sets the standard throughout PAMCO for increased efficiency and enhanced value as a result of AS9100. Let us show you what we can do for you.

In July, 2018 PAMCO received AS9100 REV D and ISO9001 Certification through NSF REGISTRAR.

# PAMCO RECEIVES AS7112 & AS7112/2 CERTIFICATION

Since 2002, NADCAP's Management Council in accordance with SAE Aerospace Standard AS7003 has Accredited PAMCO to AC7112 (Accreditation Program Requirements for Fluid Systems Components) and AC7112/2 (Accreditation Program Requirements for Fittings and Other Machined Components). This Accreditation allows PAMCO inclusion into the Qualified Manufacturers List (QML) governed by Performance Review Institute (PRI) and is joined by only a handful of American Manufacturers that have attained this level of qualification.

In 2011, PAMCO joined with Performance Review Institute (PRI) Registrar to conduct our NADCAP audits.

With PAMCO's commitment to the Quality and reliability of our fluid systems components, Qualifications and Re-Qualification Tests of products continuously, and Customer support we feel that PAMCO is your best choice. "PAMCO is big enough to perform but small enough to care".

Trust the team at PAMCO to deliver TOP QUALITY HARDWARE made to specification at VERY COMPETITIVE PRICES with DELIVERIES in WEEKS NOT MONTHS.

Please call, fax or email us today to see what we can do for you...

# WE ARE IN BUSINESS FOR OUR CUSTOMERS

#### **PAMCO GOES ONLINE**

http://www.pamco-inc.com



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Customers

PAMCO works closely with our US and international customers to really understand their needs. Armed with this knowledge, we strive to produce some of the finest fittings in today's marketplace with highly precision parts and rapid deliveries.

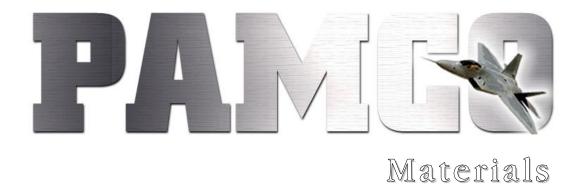
Some of our customers include:

- Boeing Aircraft Company
- Lockheed Martin
- Fairchild
- Bombardier
- Canada Air
- De Haviland
- Auburn Technologies

- Embraer Air
- Flowserve
- Teleflex
- Titeflex
- Stratoflex
- Cessna Aircraft
- Beech Aircraft
- Litton Life Support
- Raytheon
- Allied Signal
- Honeywell
- Sikorsky
- Bell Helicopter Textron







In order to meet and exceed customer expectations, PAMCO consistently makes improvements and will continue to produce some

of the finest fittings with superior quality. All materials are DFAR complaint and certified. Some of the common materials

for bar, plate and forgings of our products include but not limited to:

#### **ALUMINUM ALLOYS**

- 2014-T6 per AMS 4121, AMS4133
- 2024-T6 per AMS-QQ-A-225/6 or AMS4339
- 2024-T851 per AMS-QQ-A-225/6 or AMS4339
- 6061-T6 per QQ-A-225/8
- 6061-T651 per AMS4117
- 7075-T73 per QQ-A-225/9 or AMS4141
- 7075-T7351 per AMS4124
- 2024-T351 or T4 wire per AMS-QQ-A-225/6 or AMS 4120

#### STAINLESS STEEL ALLOYS

- 15-5PH per AMS5659
- 17-4PH per AMS5643
- 300 Series Wire per ASTM-A-580, or AMS5637
- 300 & 400 Series per AMS-QQ-S-763, AMS5639, AMS5645, AMS5648 and AMS-S-18732
- A286 per AMS 5732 or AMS5737

#### **AIRCRAFT STEEL ALLOYS**

- 4130 per AMS6370
- 4140 per AMS5626
- 12L14 per ASTM-A-108
- C1137 per ASTM-A-108

#### **BRASS ALLOYS**

- Alloy 360 Half Hard
- Alloy 377

#### **TITANIUM**

• 6AL-4V per AMS4928 and AMS4965

#### **ALUMINUM ALLOY CASTINGS**

• ASTM-B-108-99

If you don't see the material or material specification you're looking for, please contact PAMCO for assistance.







Equipment

#### **CNC TURNING MACHINES**

- (1) Nakamura-Tome TW-20MM CNC Lathes 10.6" x 7.6" Cap
- (3) Nakamura-Tome TW-20 CNC Lathes 10.6" x 7.6" Cap
- (4) Nakamura-Tome TW-10MM CNC Lathe 8.3" x 6.1" Cap
- (5) Nakamura-Tome TW-10 CNC Lathe 8.3" x 6.1" Cap
- (2) Takisawa TC-350 L5 CNC Lathes 10.8" x 20.1" Cap
- (2) Takisawa TC-20 CNC Lathes 9.5" x 12.0" Cap
- (3) Takisawa TCC 2000 CNC Lathes
- (2) Takisawa TCN 2000 CNC Lathes
- (2) Takisawa TCN 2500 CNC Lathes
- (1) Daewoo Puma 8S CNC Lathe 14.1" x 14.6" Cap

#### **CNC MILLING MACHINES**

- (2) Brother S700 X 1 CNC Machining Center
- (1) Fadal VMC-15 CNC Mill 20.0" x 16.0" x 20.0" xyz Cap

#### **MANUAL MACHINES**

- (1) Andes Engine Lathe 12.0" dia Cap
- (1) Webb Enging Lathe 17.0" x 40.0" Cap
- (8) Crozier Speed Lathes 1.0" dia Cap
- (4) EMI-MEC Auto Sprint Series E Automatic Chuckers

#### **SUPPORT EQUIPMENT**

- (1) Chicago Drill Press 5 Speeds
- (1) CTT Tool Radial Drill 1.25" Cap
- (1) Duracraft Drill Press 12 Speeds
- (1) Chicago Drill Press 12 Speeds
- (4) Pedestal Tool & Cutter Grinders
- (2) Pedestal Diamond Wheel Grinders
- (2) Amada HA 250 Band Saws +A32
- (6) Burr-King Belt Sanders 1.5" x 60.0"
- (3) Craftsman Belt Sander 1.0" x 42.0"
- (2) UNI-Hone Bead Blasters
- (1) Toyota 5,000 lb Forklift

#### **QUALITY CONTROL SOFTWARE**

• Gage Track

#### **OPTICAL COMPARTORS**

- (1) Sherr Tumico Optical Comparator 50x
- (2) Micro-Vu Oprtical Comparators 50x

#### **OTHERS**

- (1) Micro-Hite Gage
- (1) Flexbar Phase II Hardness Tester
- (1) Standridge Surface Plate 36.0" x 48.0" Grade AA
- (1) Surface Plate 18.0" x 24.0" Grade AA
- (1) Fowler Gage Block Set Grade (3)
- (1) Set Meyer Gage Pins .011 thru .832 dia
- (3) Mitutoyo Height Gages .001" thru 12.0"
- Johnson External Thread Gages 5/16-24 (-2) thru 3 1/2-12 (-48)
- Johnson Internal Thread Gages 7/16-20 (-4) thru 1 7/8-12 (-24)
- MTG Internal Thread Gages 5/16-24 (-2) thru 3 1/2-12 (-48)
- Assorted Class 2A & Class 3A Ring Gages
- Assorted Class 2B & Class 3B Plug Gages
- Assorted ANPT & ANPF Pipe Ring Gages
- Assorted ANPT & ANPF Pipe Plug Gages
- Assorted Standard & Digital Micrometers & Calipers
- Super Mike



Processing

- Alodine
- Anodizing
- Cadmium Plating
- Dry Film Lubricant
- Epoxy Painting
- Fluoride Phosphate Coat
- IVD Coating
- Passivating & Cleaning







#### PAMCO PRODUCTS ARE MADE-TO-ORDER

PAMCO's modern, high-tech machine shop operates twenty hours a day and produces the finest products in today's marketplace. PAMCO recognizes your requirements for quality and on-time delivery.

PAMCO manufactures AN, MS, AS, & NAS hydraulic tube fittings, both flared and flareless. Alloys available include Inconel, Monel, Titanium, Stainless Steel, Aluminum, Carbon Steel, Brass and Copper alloys. PAMCO also manufactures specials or part-to-print in all the same materials.

All PAMCO parts are made-to-order per customer request. Small quantities of most items are maintained in stock. Rush or expedited orders are welcome in PAMCO's short run shop where parts are made in days instead of months. Please call or fax your fitting requirements to our sales department.

PAMCO manufactures AN, MS, AS and NAS standards as well as metric fittings, parts to print and customer controlled standards and specials.

PAMCO is AS18280 QPL approved, qualified for sizes 4 through 24 in carbon steel, stainless steel, aluminum and titanium. PAMCO is certified to and operates to AS9100 and AS7003.

PAMCO is "Big enough to perform" on just about any size order but," We're small enough to care" about our customers.

#### THE PAMCO QUALITY POLICY

Precision Aircraft Machining Co., Inc. shall strive to deliver the products and services that meet or exceed the customer's requirements. PAMCO shall commit to constant improvement by training its people, upgrading equipment, eliminating non-essential practices, and creating an environment of quality consciousness. This policy is implemented and carried out at all levels in the organization.

#### **QUALITY FORGINGS AVAILABLE FROM PAMCO**

PAMCO maintains a large inventory of high-quality forgings as raw material for its products. These forgings are available for sale in a variety of materials and configurations for subsequent machining. All forgings are DFAR complaint and certified. Certifications and test reports are available for each lot of forgings. PAMCO forgings are procured only from high-quality sources with approved quality control procedures. Call PAMCO for more information.







#### PAMCO "PK" LIPSEAL FITTING

The F-15E Molecular Sieve Oxygen Generating System (MSOGS) requires that the system meet stringent leakage requirements. During initial implementation of MSOGS, it was determined that the standard AN fittings were inadequate to provide proper sealing capability.

Realizing proprietary items are often expensive and the suppliers are late, McDONNELL DOUGLAS and LITTON-ILSD requested that PAMCO design and develop a "standard" fitting that could meet the system's leakage requirements. PAMCO developed and tested a 37 degree Lipseal Fitting that surpassed the required system leakage rates. Mass spectrometer tests have established that the "PK" series reduces leakage levels to 9.03 X 10-8 CC/SEC helium at 600 psig and 6.09 X 10-8 CC/SEC helium at 800 psig.

The team effort eliminated the reliance on proprietary items and allowed both companies to issue their own standards, creating competitive pricing and on-time deliveries. All PAMCO "PK" series fittings are manufactured "new", not reworked from stock on CNC equipment under our stringent Quality Assurance program ensuring full compliance with current specification.

#### UNLIMITED APPLICATION

Although the PK Series was designed for life support, its characteristics are applicable to all critical line connections.

The AS1098 37 degree flared tube connection for seal ring may be machined to any AN, MS or SAE configuration.

#### **CORRECTS LEAKAGE PROBLEMS**

The PK series reusability features will prevent leakage in systems the require repeated assembly.

#### **TESTING INFORMATION**

Mass spectrometer tests have established that the PK series reduces leakage levels to 9.03 X 10-8 cc/sec. Helium at 600 PSIG and 6.09 X 10-8 cc/sec. Helium at 800 PSIG, considerably less than conventional AN, MS and SAE fittings.

#### **MATERIALS**

The PAMCO PK series of fitting are manufactured from the following materials.

2014T6 ALUMINUM – MATERIAL CODE: D 2024T851 ALUMINUM – MATERIAL CODE: D 7075T73 ALUMINUM – MATERIAL CODE: W 7075T351 ALUMINUM – MATERIAL CODE: W 304 STAINLESS STEEL – MATERIAL CODE: J 316 STAINLESS STEEL – MATERIAL CODE: K 321 STAINLESS STEEL – MATERIAL CODE: R 347 STAINLESS STEEL – MATERIAL CODE: S 6AL 4V TITANIUM – MATERIAL CODE: T

#### **FINISH**

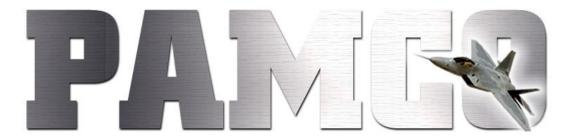
All finishes are in accordance with AS4841, AS4842, AS4843 and AS4875 with the exception of ion vapor deposited coating. The IVD coating is in accordance with AMS-C-83488 and meets the requirements of AMS-B-5087 for bonding, electrical lighting protection for the aerospace systems.

\* The PK series parts listing is at page 73, 74 and 75









Manufacturers' Recognitions & Approvals

#### ISO 9001:2015 & AS/EN 9100 REV D APPROVALS

Boeing, Lockheed Martin, Gulfstream Aero, Cessna Raytheon Beach, Embraer, Bombardier, DSCC, Bell Helicopter, Textron, Crane Resistoflex, Parker Stratoflex, Essex Cryogenics.



December 4, 2014

Mr. Bill Andersen Floor Manager PAMCO, Inc. 10640 Elkwood Street Sun Valley, California 91352-4631

Dear Mr. Andersen:

Subject: G3-F223 - PAMCO, Inc. - AS85421 - Sizes 4, 6, 8, 10 - Titanium ONLY

We are pleased to advise that the PAMCO request for qualification for the following parts has been accepted by the G3 Qualified Product Group (QPG) in support of your organization's inclusion on the PRI Qualified Product Listings for the following standards.

#### AS85421

Part Standard	PAMCO Part Number	Sizes	psi	Alloy and Temper
AS85421/3	PBS421/3	04, 06, 08, 10	4000	Titanium
AS85421/4	PBS421/4	04, 06, 08, 10	4000	Titanium
AS85421/5	PBS421/5	04, 06, 08, 10	4000	Titanium
AS85421/6	PBS421/6	04, 06, 08, 10	4000	Titanium
AS85421/7	PBS421/7	04, 06, 08, 10	4000	Titanium
AS85421/8	PBS421/8	04, 06, 08, 10	4000	Titanium
AS85421/9	PBS421/9	04, 06, 08, 10	4000	Titanium
AS85421/10	PBS421/10	04, 06, 08, 10	4000	Titanium
AS85421/11	PBS421/11	04, 06, 08, 10	4000	Titanium
AS85421/12	PBS421/12	04, 06, 08, 10	4000	Titanium
AS85421/13	PBS421/13	04, 06, 08, 10	4000	Titanium
AS85421/14	PBS421/14	04, 06, 08, 10	4000	Titanium
AS85421/15	PBS421/15	04, 06, 08, 10	4000	Titanium
AS85421/16	PBS421/16	04, 06, 08, 10	4000	Titanium
AS85421/17	PBS421/17	04, 06, 08, 10	4000	Titanium
AS4213	PBS4213	04, 06, 08, 10	4000	Titanium
AS4214	PBS4214	04, 06, 08, 10	4000	Titanium

Please note that if PAMCO, Inc. requires qualification approval for AS85421/# size 12, a new project will have to be initiated in the <a href="https://www.eAuditNet.com">www.eAuditNet.com</a> system.

As the manufacturer of a qualified product, your organization will appear on the PRI Qualified Products List (QPL) at <a href="www.eAuditNet.com">www.eAuditNet.com</a>. As a condition of your continued qualification, there will be an annual listing fee. PRI will invoice you annually for your listing. In addition to the listing fee, the specification for each QPL defines supplemental requirements.

Europe

+ 1 724 772 1616

+44 870 350 5011

www.pri-network.org

Headquarters: 161 Thorn Hill Road, Warrendale, PA 15086-7527 USA

06047





# Network Procurement 2007 Award Winner

The Stratoflex Products Division of Parker Hannifin Corporation

hereby recognizes

#### PRECISION AIRCRAFT MACHINE COMPANY INC

AS A STRATEGIC PARTNER

The Network Procurement Agreement Award is in recognition of suppliers that meet the six (6) elements of the agreement: Quality, Technology, Minimum Order Quantity, Lead Times, The Process of Continuous Improvement, and Pricing. The Overall Value NP Suppliers provide **Parker** supports the continuing effort to maintain our position as the Global Leader in Motion and Control Technologies.

Alfonso Sons, Division Procurement Manager

Brian Lovejoy, Division Quality Manager

**ENGINEERING YOUR SUCCESS.** 



Lockheed Martin Aeronautical Systems 86 South Cobb Drive Marietta, GA 30063

LOCKHEED MARTIN

March 5, 1996

Precision Aircraft Machining Co (PAMCO) 10640 Elkwood Street Sun Valley, CA 91352-4631

Attention:

Jim Asseltyne

Subject:

APPROVAL OF MANUFACTURER'S DRAWING (AMD)

Reference:

AMD # 96-33 Dated 2-15-96

LMASC Standards Engineering has approved your drawing for the part number(s) listed on the referenced AMD, and a copy of the AMD is enclosed for your records.

The drawing listed on the AMD have been approved as specifically set out. Any changes to the drawing not approved by LMASC Standards Engineering will be cause for withdrawal of this approval.

Upon procurement of these parts, the purchase order "hold to" shall be the respectively listed revision of the drawing shown. Any FNN note listed shall also become a part of the "hold to." It should be noted that parts shipped to a revision level other than the level called out in the purchase order may be considered non-conforming and will be subject to return.

It is requested that five (5) copies of the drawing listed be forwarded to:

LOCKHEED MARTIN AERONAUTICAL SYSTEMS COMPANY MARIETTA, GEORGIA 30063
ATTENTION: VENDOR DATA FILES

DEPARTMENT 82-13, ZONE 0364

If you have any questions, please call me.

Very truly yours,

LOCKHEEDMARTIN AERONAUTICAL SYSTEMS COMPANY

L.W. Burnup, Subcontracts Administrator

Standard Parts/MSP Group Dept. 55-45, Zone 0510

Encls.

LOCKHEED MARTIN

#### MCDONNELL DOUGLAS

McDonnell Douglas Aerospace

05 February 1993

Mr. Gene Mundy Quality Control Manager 10640 Elkwood Street Sun Valley, CA 91352

Subject:

Recognition of PAMCO's Support on the F-15E Program

Dear Mr. Mundy:

The F-15E Molecular Sieve Oxygen Generating System (MSOGS) requires that the system meet stringent leakage requirements. During initial implementation of MSOGS, it was determined that the standard AN fittings were inadequate to provide the proper sealing capability.

MDA-E and Litton-ILSD requested that PAMCO design and develop a standard fitting that could meet the system's leakage requirements. PAMCO developed and tested a 37 degree lipseal fitting that surpassed the required system leakage rates.

MDA-E would like to thank PAMCO for their commitment to excellence on the F-15E MSOGS program. PAMCO's dedication in providing a quality product, on time, was instrumental towards the program's success. Your continuing support to the F-15E MSOGS program is appreciated.

Again, thank you for a job well done!

**Brad Korte** 

Sr. Engineer, Design F-15 Crew Station

Sta. 35897, M/C 0343190

CONCUR:

I. P. Daira Unit Manager

F-15 Design Sta. 31608, M/C 0343190

P.O. Box 516, Saint Louis, MO 63166-0516 (314) 232-0232 Telex 44-857

#### MCDONNELL DOUGLAS

DIVISION OF BOEING

#### MCDONNELL DOUGLAS

McDonnell Douglas Aerospace

WILLIAM L. STOWERS Vice President Supplier Management and Procurement - East

700-296 03 March 1993

PAMCO 10640 Elkwood St Sun Valley, CA 91352

Attention:

Mr. Jim Asseltyne

Subject:

MDA PREFERRED SUPPLIER CERTIFICATION AWARD

Dear Jim:

McDonnell Douglas Aerospace (MDA) is pleased to inform you that PAMCO has earned Preferred Supplier Certification Status. This achievement is based on PAMCO meeting an overall Bronze Level certification. PAMCO has attained Bronze Level for Business Processes, Bronze Level for Quality, Silver Level for Delivery Performance, and Bronze Level for SPC. Retention of preferred certified status will require PAMCO to maintain performance to at least the minimum standards of certification. However, MDA wishes to encourage you to strive for the Gold Level of Preferred Certification Status.

We would like to make a formal presentation at your plant at a time that is convenient for you. For planning purposes, I have designated Darwin Seidel to coordinate the arrangements for this presentation. Darwin may be contacted at (314) 232-6818. Please advise alternate dates so that we can determine a mutually convenient schedule.

Once again, congratulations on achieving this award. MDA appreciates the outstanding efforts of the PAMCO Team, and we look forward to a constantly improving long-term relationship.

Sincerely,

William L. Stowers Vice President Supplier Management and Procurement

P.O. Box 516, Saint Louis, MO 63166-0516

#### MCDONNELL DOUGLAS

**DIVISION OF BOEING** 



Manufacturers of Aerospace Tube Fittings

November 13, 1995

To: All Aerospace Purchasing Agents, Buyers, Standards Engineers, and Quality Assurance Managers

From: Richard M. Barkley, President United Supply Co., Inc.

Subject: SALE OF UNITED SUPPLY CO. PART SERIES

United Supply Co. is pleased to announce that Precision Aircraft Machining Company, Inc. dba PAMCO has been selected as the sole authorized manufacturer of all US, UFR, UR, UV, UVD and UT series parts and as such is the sole-owner of all trademarks, copyrights, etc., pursuant to the manufacture and sale of the entire United Supply part series.

PAMCO is an excellent manufacturer, in the tradition of United Supply Co. and has a superior reputation for quality parts delivered to schedule. I recommend that all of United Supply's customers give PAMCO an opportunity to provide top quality parts and support.

Very truly yours,

UNITED SUPPLY CO., INC.

Richard M. Barkley, President

RNB/jp



Manufacturers of Aerospace Tube Fittings



#### SCOPE OF ACCREDITATION

#### Fluid Distribution Systems

#### **PAMCO**

10640 Elkwood St Sun Valley, CA 91352-4631

This certificate expiration is updated based on periodic audits. The current expiration date and scope of accreditation are listed at: www.eAuditNet.com - Online QML (Qualified Manufacturer Listing).

In recognition of the successful completion of the PRI evaluation process, accreditation is granted to this facility to perform the following:

#### AC7112 Rev A - Nadcap Fluids Systems Manufacturers Audit Criteria

#### AC7112/2 Rev A - Nadcap Audit Criteria for Fittings and Other Machined Components

AS18280

AS4370

AS4444

AS4841

704041

AS4843

AS4843/1 AS4843/2

AS4875

AS4875/1

AS4875/2

AS85421

AS85720

t-frm-17 17-Jun-10





This certificate is granted and awarded by the authority of the Nadcap Management Council to:

# PAMCO

10640 Elkwood St Sun Valley, CA 91352-4631 United States

This certificate demonstrates conformance and recognition of accreditation for specific services, as listed in www.eAuditNet.com on the Qualified Manufacturers List (QML), to the revision in effect at the time of the audit for:

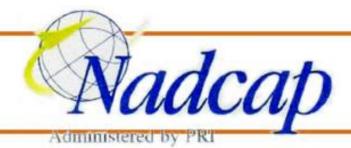
Fluid Distribution Systems

Certificate Number: 4024168187 Expiration Date: 30 April 2019

oseph G. Pinto

Executive Vice President and Chief Operating Officer

Performance Review Institute (PRI) | 161 Thorn Hill Road | Warrendale, PA 15086-7527





# Certificate of Registration

This certifies that the Quality Management System of

# Precision Aircraft Machining Company, Inc. PAMCO 10640 Elkwood Street

Sun Valley, California, 91352, United States

has been assessed by NSF-ISR and found to be in conformance to the following standard(s):

# AS9100D with ISO 9001:2015

\*Audited in accordance with AS9104/1:2012 Requirements for Aviation, Space, and Defense Quality Management System Certification Programs
NSF-ISR is accredited under the Americas Aerospace Quality Group Registration Management Committee.

#### Scope of Registration:

Campus: (Central Office) Design, Manufacturing and Assembly of Hydraulic Fittings, Specialty Fittings and Machined Parts.



Certificate Number: Certificate Decision/Re-Issue Date: Certificate Issue Date: Expiration Date \*:

C0363468-AS2 27-JUL-2018 10-JUN-2017

Carl Blazik,

Director, Technical Operations & Business Units, NSF-ISR, Ltd.

Page 1 of 2

## NSF International Strategic Registrations

789 North Dixboro Road, Ann Arbor, Michigan 48105 | (888) NSF-9000 | www.nsf-isr.org

Authorized Registration and /or Accreditation Marks. This certificate is property of NSF-ISR and must be returned upon request.

\*Company is audited for conformance at regular intervals. To verify registrations call (888) NSF-9000 or visit our web site at www.msf-isr.org



# **AEROSPACE INDUSTRIES ASSOCIATION**



# Certificate of Associate Membership

This is to certify that

# PRECISION AIRCRAFT MACHINING COMPANY

Qualified for and has been accepted as a MEMBER OF THE SUPPLIER MANAGEMENT COUNCIL 2007-2008

John W. Douglass President & CEO, AIA William J. Lewandowski
Vice President, Supplier Management











Precision Aircraft Machining Co Inc. 10640 Elkwood St Sun Valley, CA 91352-4631

Attn: Mr. Donald Pisano, President

Subject: Platinum Level - Platinum Source Plaque

On behalf of Northrop Grumman Aerospace Systems Sector we are pleased to present this plaque to Precision Aircraft Machining Co Inc. for their sustained excellence as a supplier of quality products and on-time delivery.

Congratulations to you and your employees!

Sincerely,

Steven R. Moe, Director Supplier Assurance & Commodity Engineering Sector Director
Supplier Assurance & Commodity Engineering

Aerospace Systems

One Hornet Way
El Segundo, CA. 90245-2804
Telephone 310-332-1446

K08J6Q-10-183

September 13, 2010





Given in recognition of

Sustaining Customer
Quality & Delivery Expectations

Presented to

**Precision Aircraft Machining Co. Inc.** 

September 1, 2010

Risa V. Koll

Lisa V. Kohl Sector Vice President Global Supply Chain Aerospace Systems OR R Me

Steven R. Moe Director Supplier Assurance & Commodity Engineering Aerospace Systems





# 2007 Certified Supplier

Stratoflex Products Division

This is to certify that:

# PRECISION AIRCRAFT MACHINE COMPANY INC.

is hereby granted certified supplier status in accordance with Parker Hannifin supplier quality assurance procedures. This status is subject to continued compliance with Parker Aerospace Group – Supplier Quality Assurance Requirements as defined by contract.

Alfonso Sons, Division Procurement Manager

Brian Lovejoy, Division Quality Manager

**ENGINEERING YOUR SUCCESS.** 







# **Precision Aircraft Machining Co., Inc.**

10640 Elkwood Street Sun Valley, CA 91352

Phone: (818) 768-5900 Fax: (818) 768-1409

**WWW.PAMCO-INC.COM** 

mail@pamco-inc.com

### **DON PISANO**

President (x220) dpisano@pamco-inc.com

# **KIM PISANO**

V.P. of Operations (x219) kpisano@pamco-inc.com

# JIM THOMPSON

Sales (x230) jthompson@pamco-inc.com

# **ED BORREGO**

Sales (x215) eborrego@pamco-inc.com

# **BILL ANDERSEN**

General Manager (x216) bandersen@pamco-inc.com

# **THOMAS COOK**

Quality Manager (x213) tcook@pamco-inc.com

Accounting (x214) accounting@pamco-inc.com

Certification (x212) invoice@pamco-inc.com

Follow-Up (x211) expediting@pamco-inc.com







# Frequently asked questions

## Question:

How long has PAMCO been in business?

#### Answer:

PAMCO was founded in 1979 and has been in continuous operation ever since.

#### Question:

Where is Sun Valley, California?

#### Answer:

Sun Valley, California, is located in the eastern San Fernando Valley, approximately 15 miles north of downtown Los Angeles.

#### Question:

What is the standard lead time at PAMCO?

#### Answer:

Depending upon the component requirements, PAMCO is often able to deliver your order in as little as a few days. Please call PAMCO to discuss your specific requirements.

## Question:

What materials can PAMCO use to produce parts?

#### Answer:

PAMCO can produce its components in almost any available machineable metal including stainless steel, Inconel and Titanium. Please call PAMCO for your specific requirements.

PAMCO's staff can assist you with all of your special fitting requirements. Please call PAMCO for details.

## Question:

How large is PAMCO's facility in Sun Valley, California?

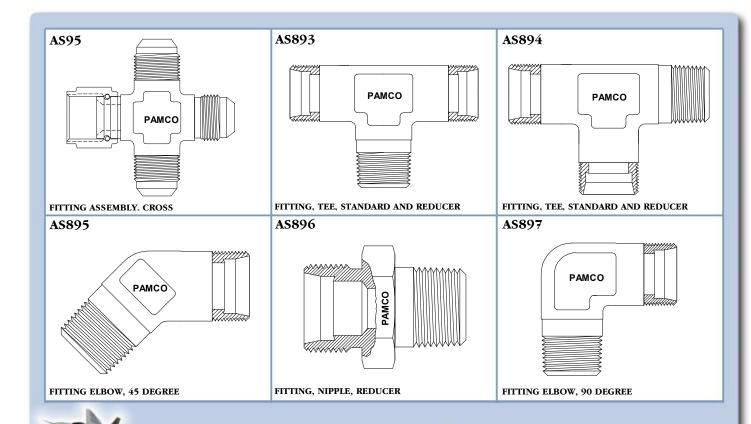
#### Answer:

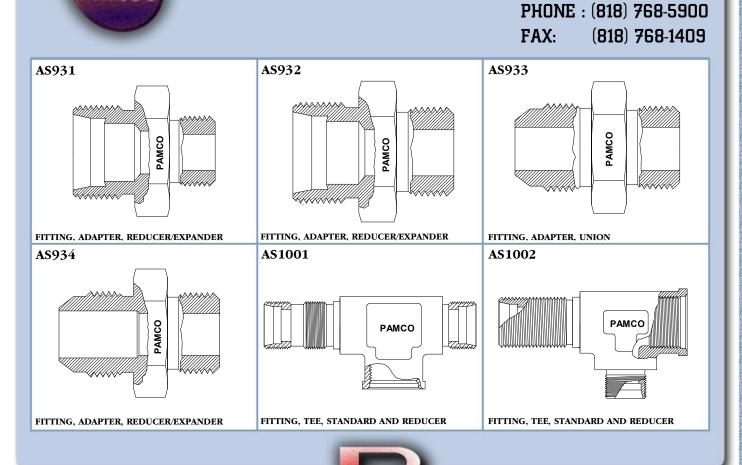
PAMCO maintains a 20,000-square-foot modern manufacturing facility in Sun Valley, California.

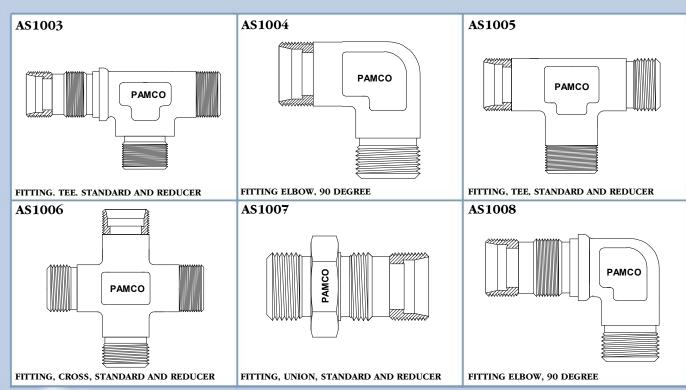




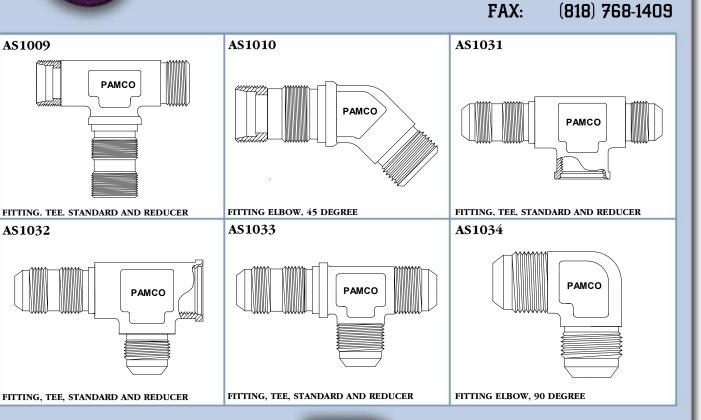
Parts listing

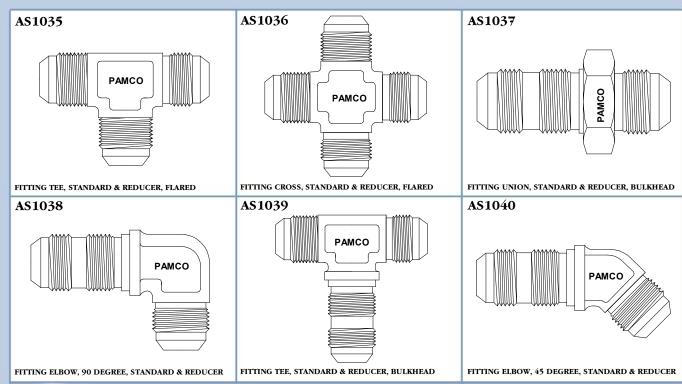




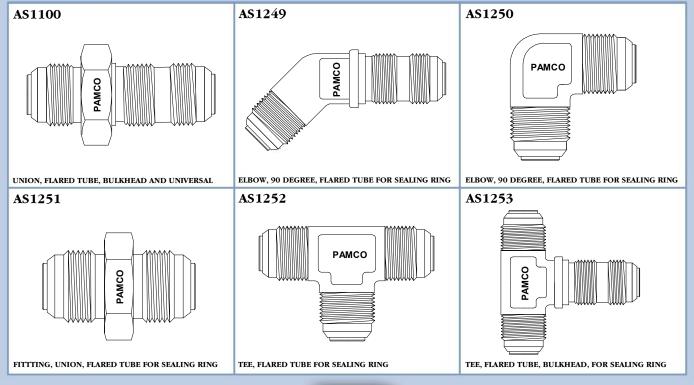






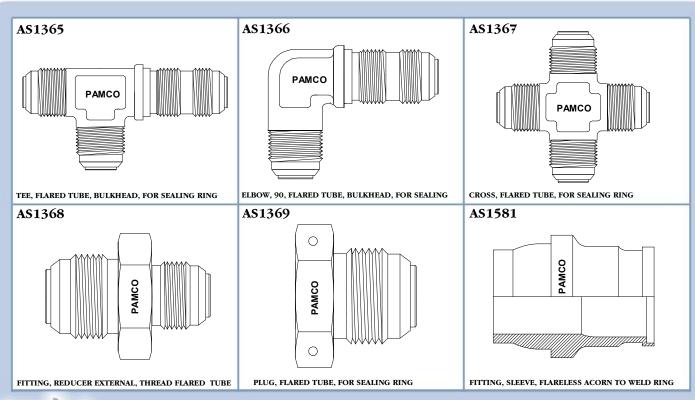




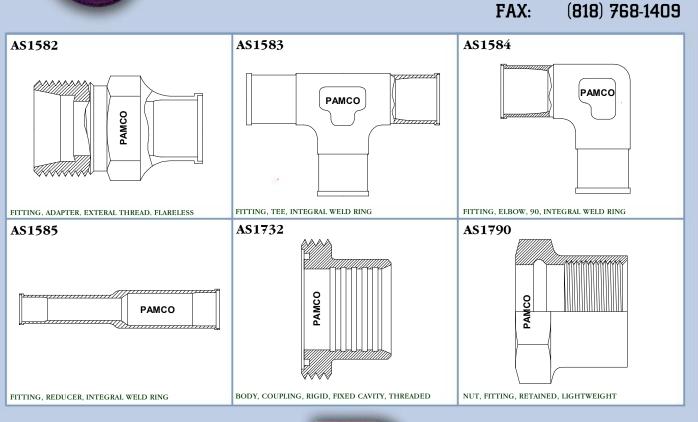


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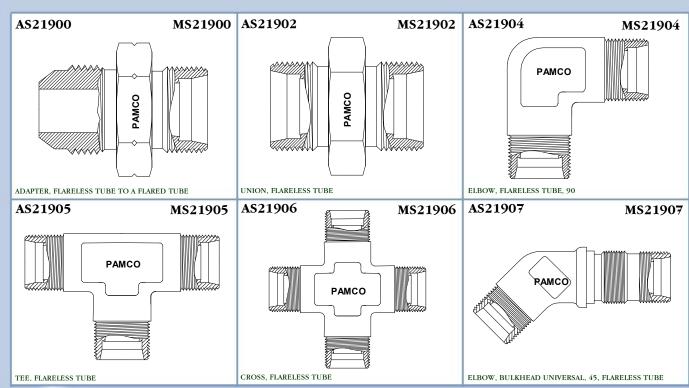






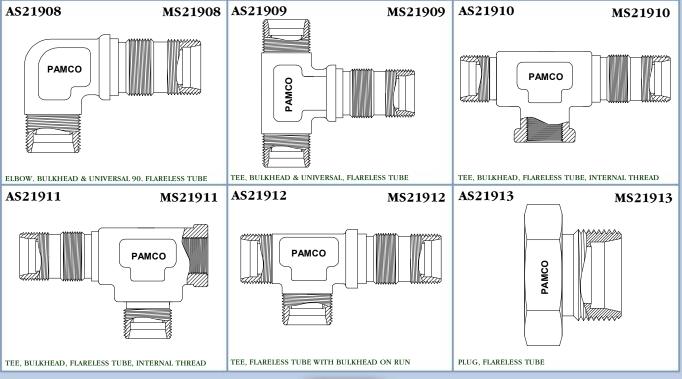


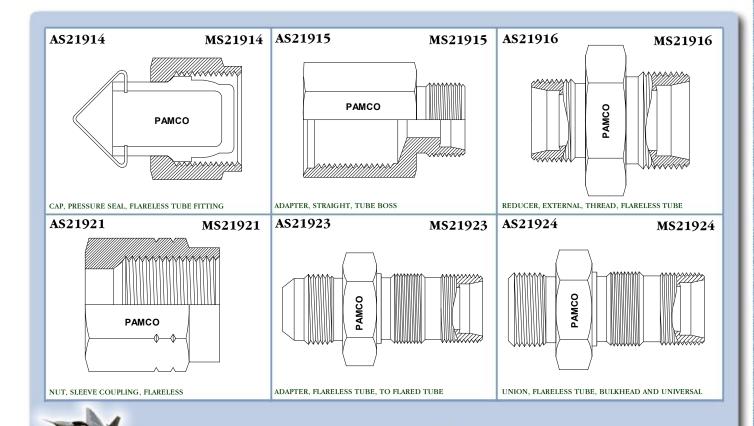
AFT MACHINING CO., INC	PHONE : (818) 768-5900 FAX: (818) 768-1409
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	RAFT MACHINING CO., INC

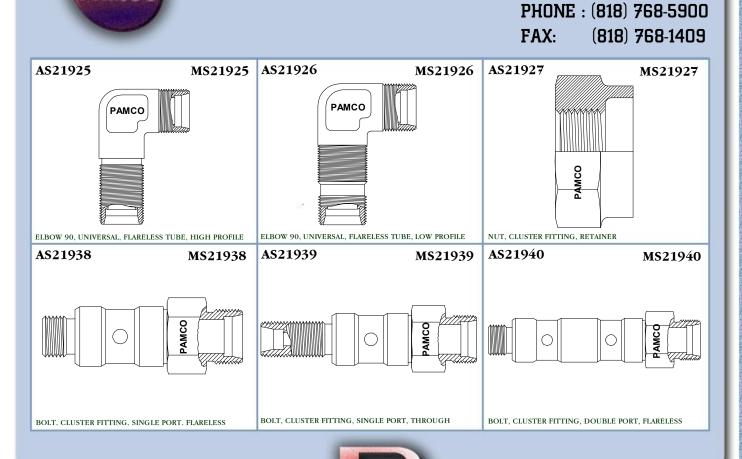


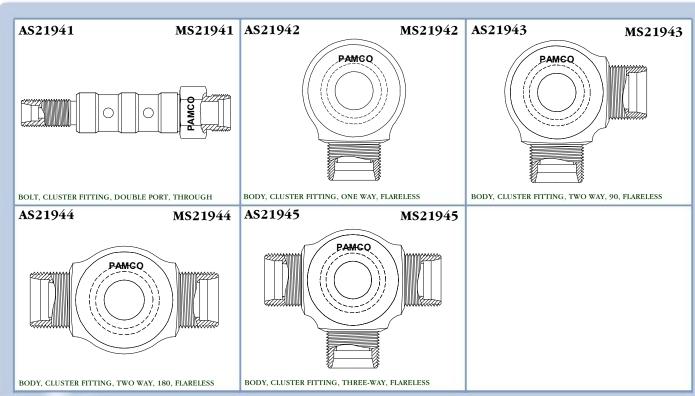


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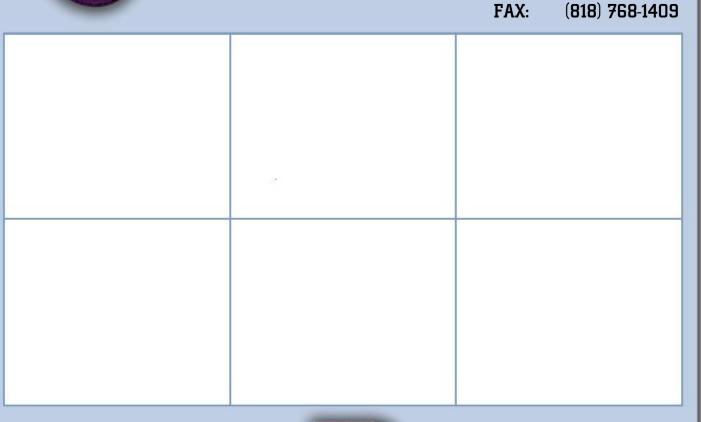




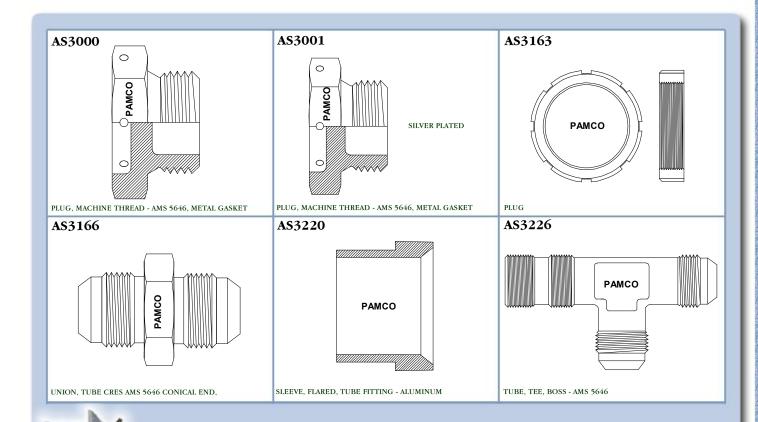


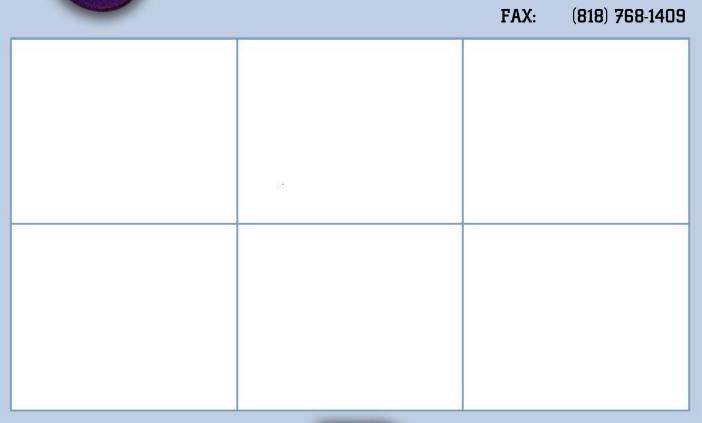


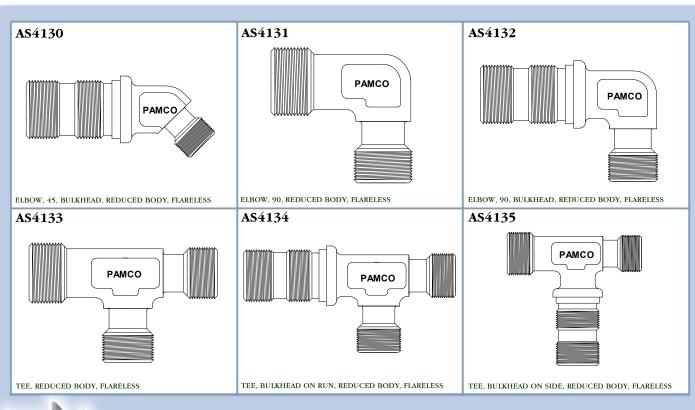




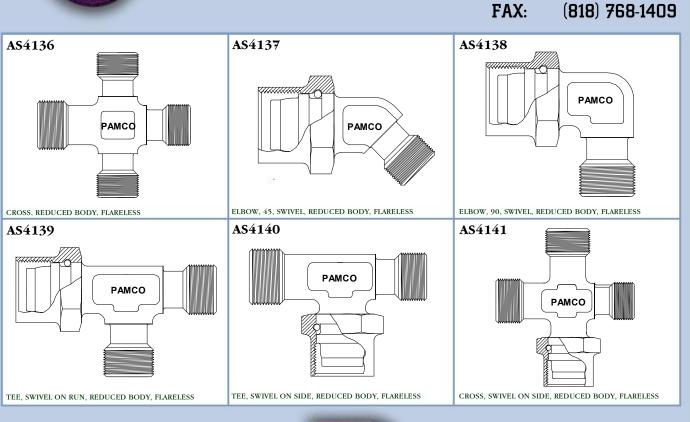


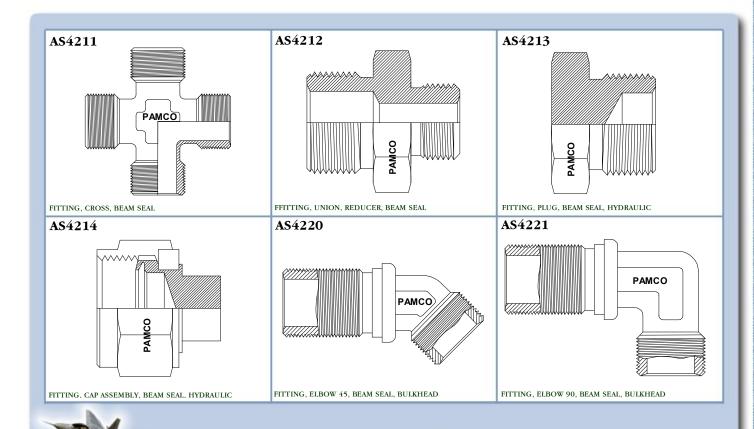


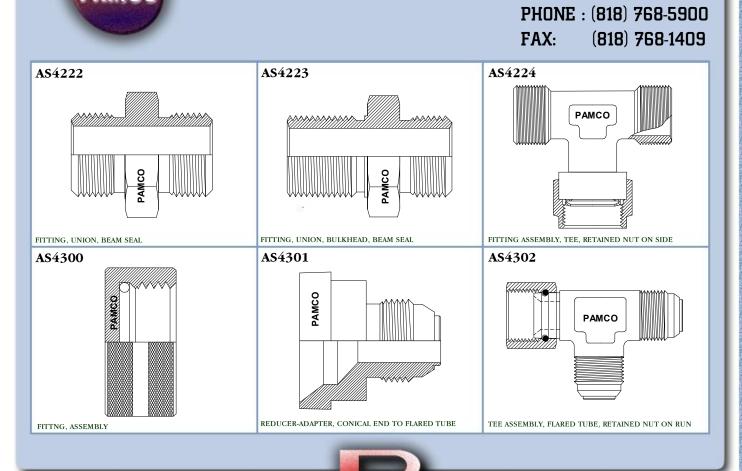


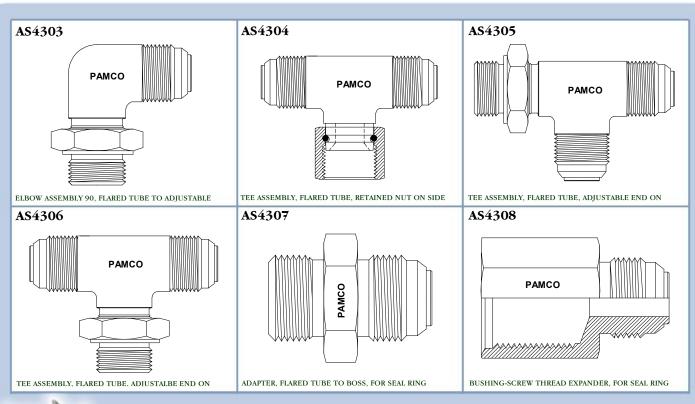




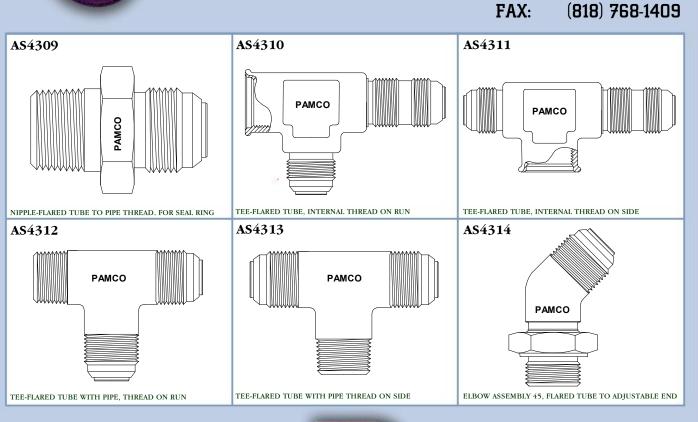


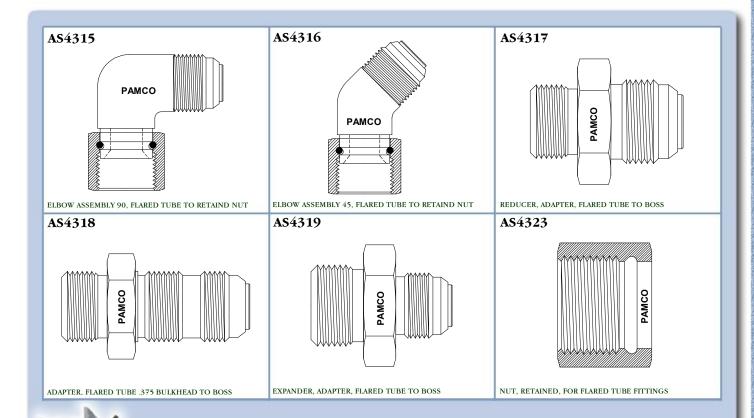


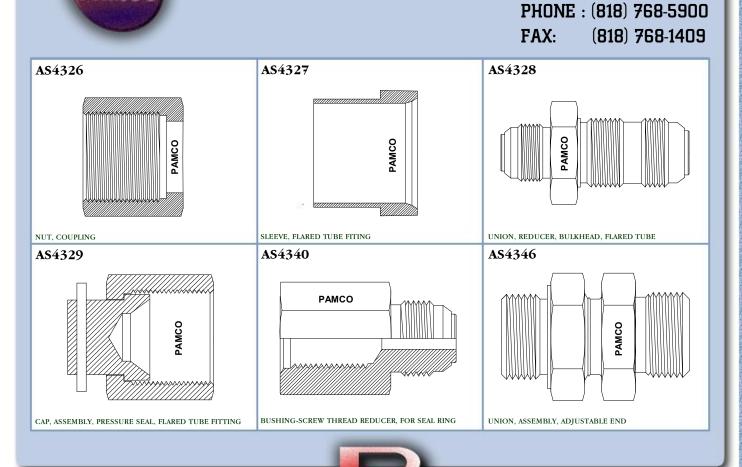


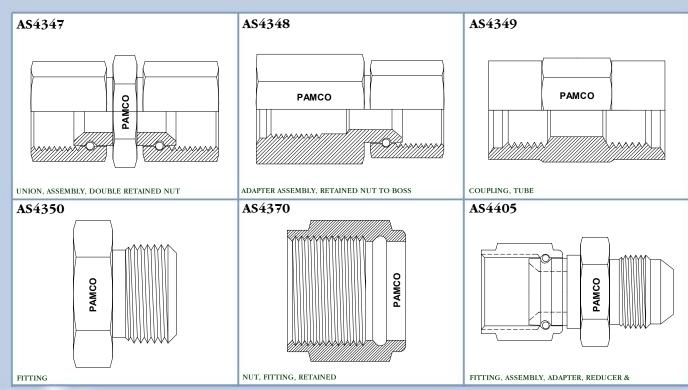




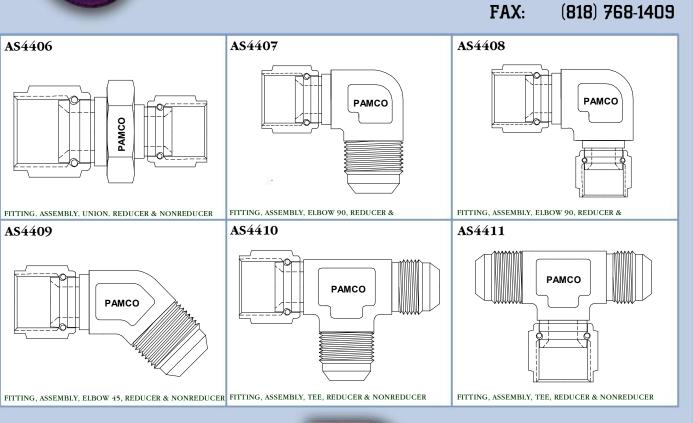


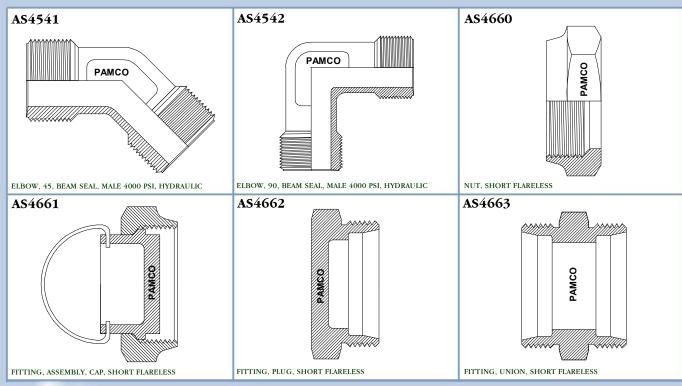




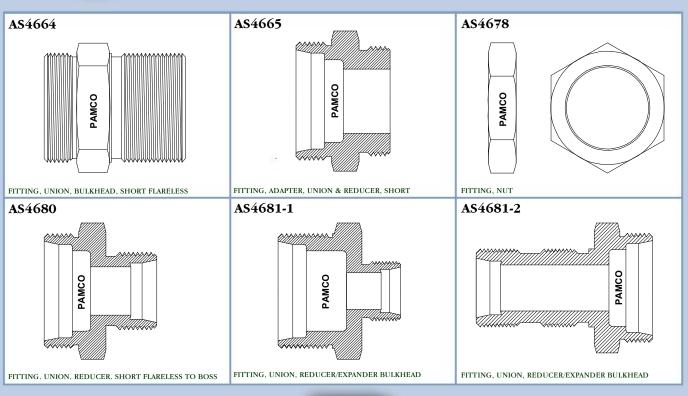






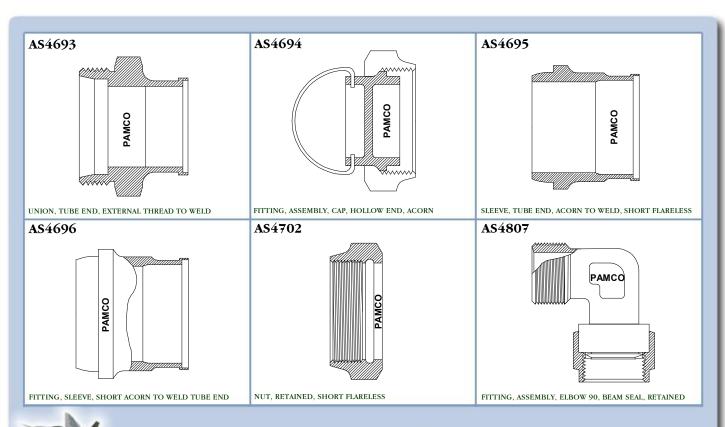




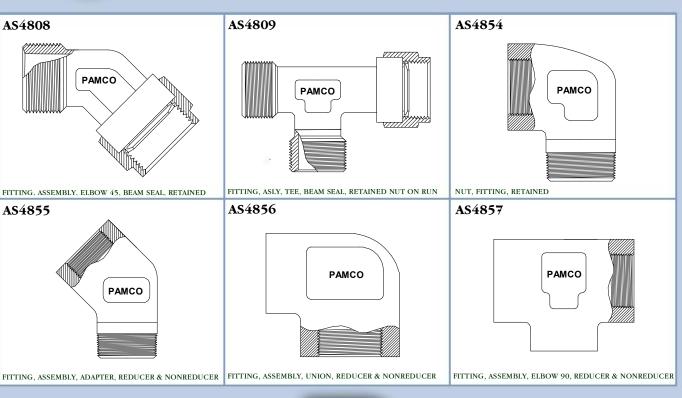


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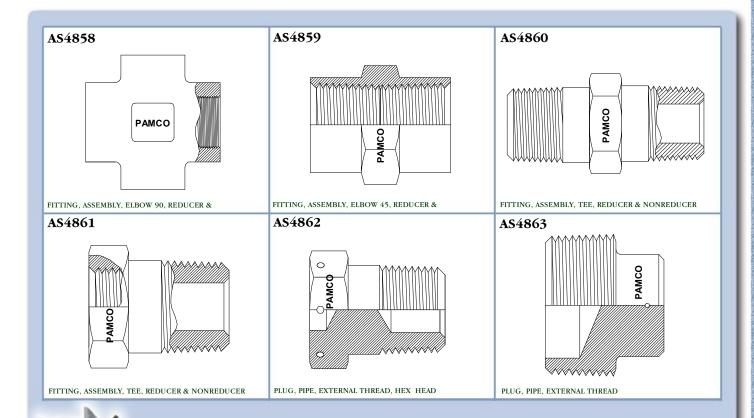


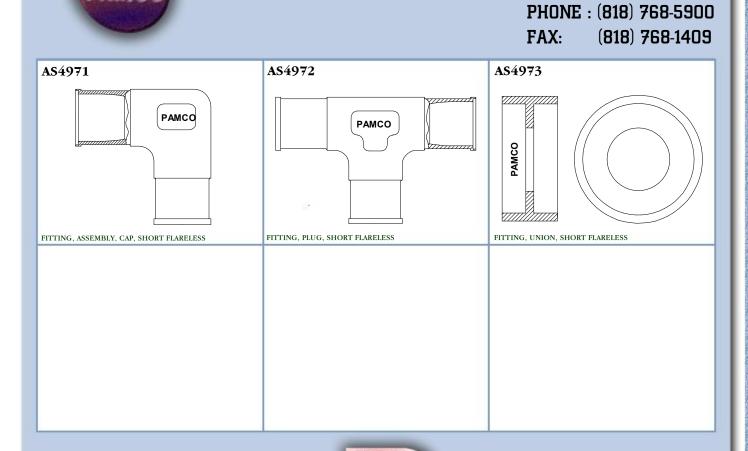


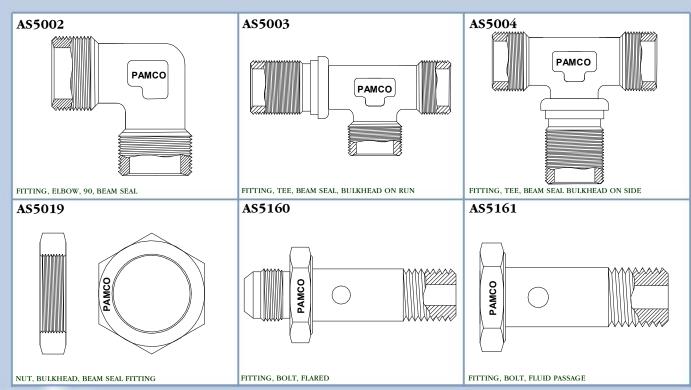
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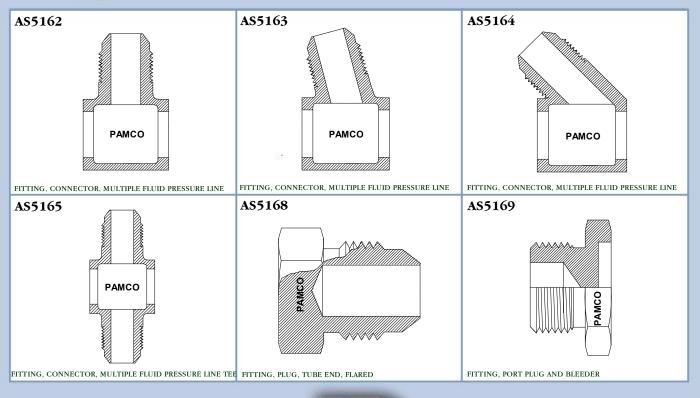






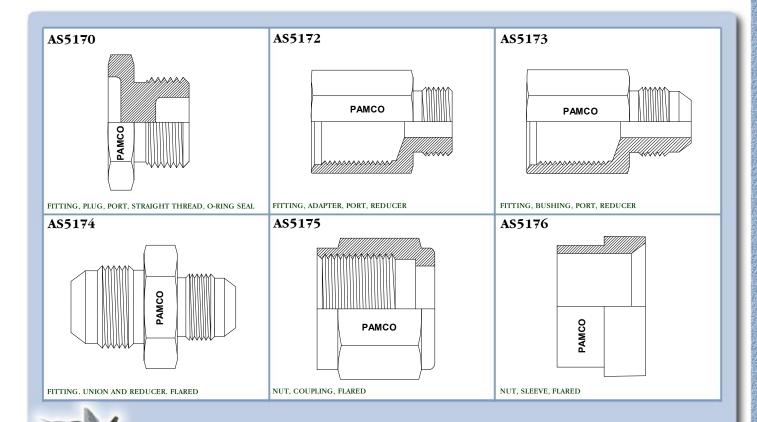


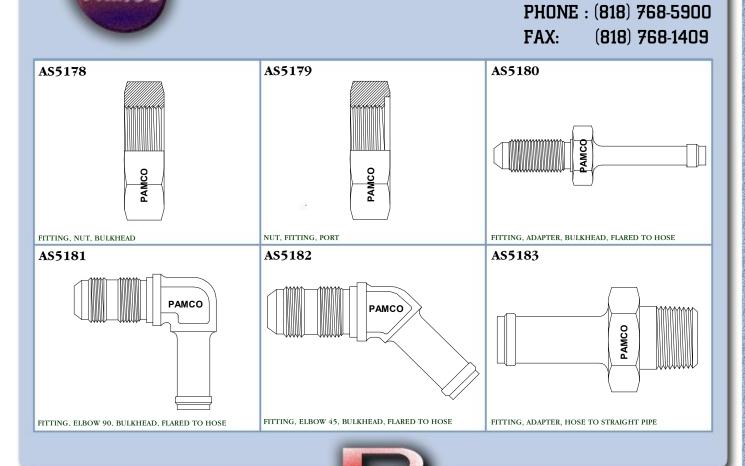


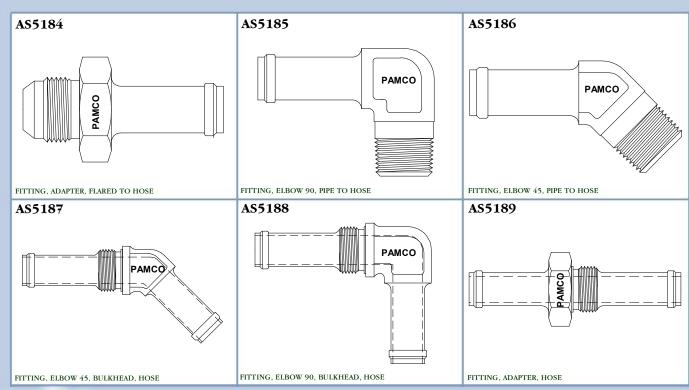


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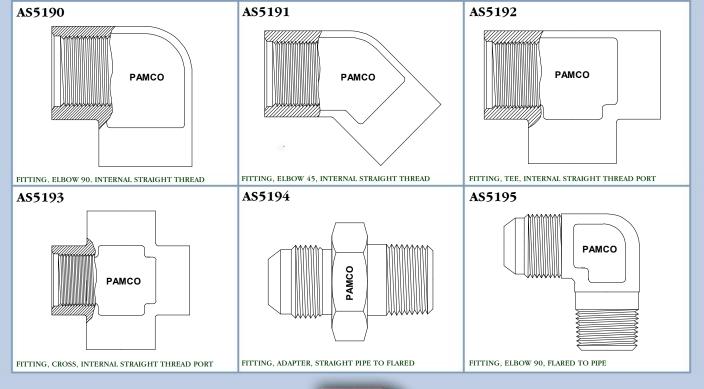


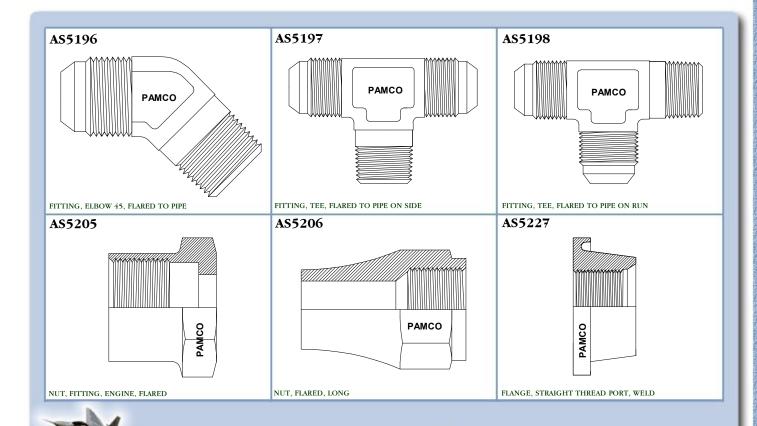


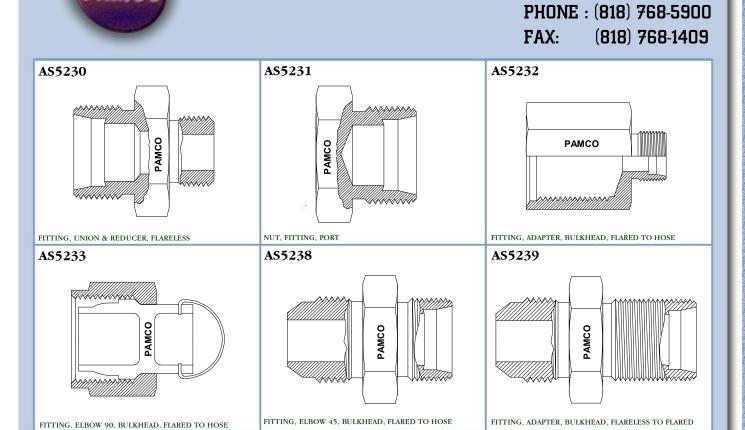


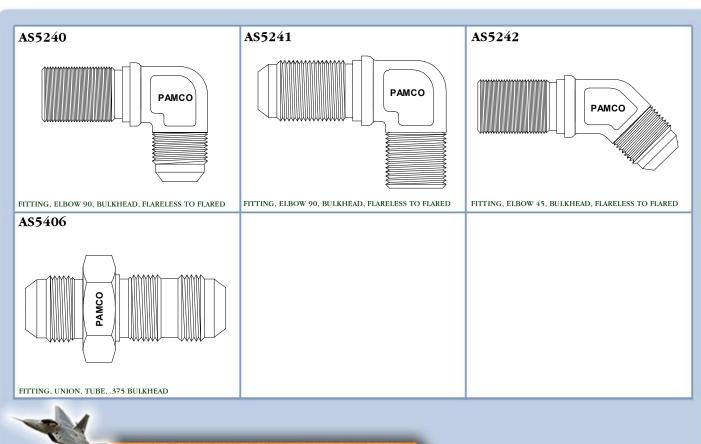


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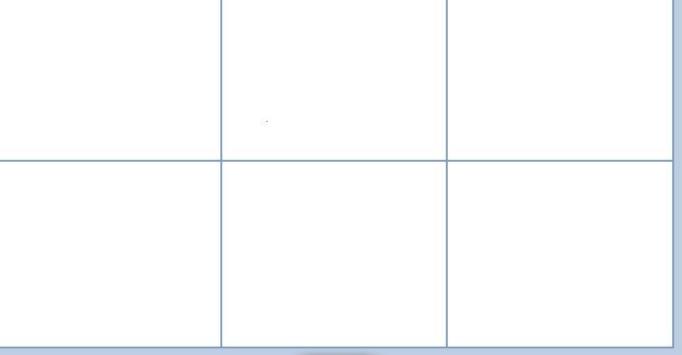






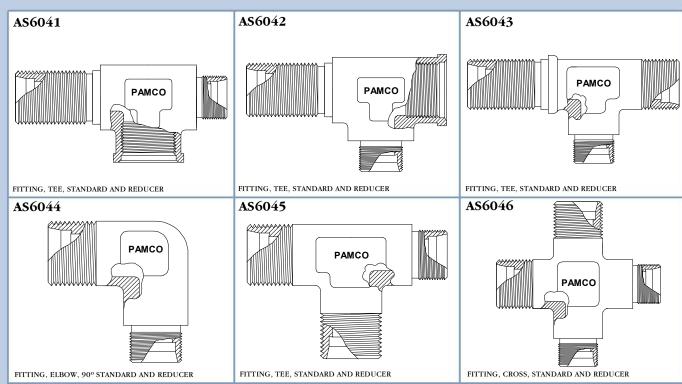




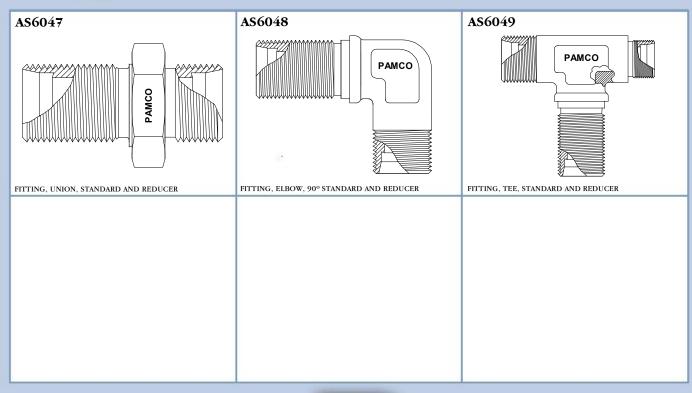


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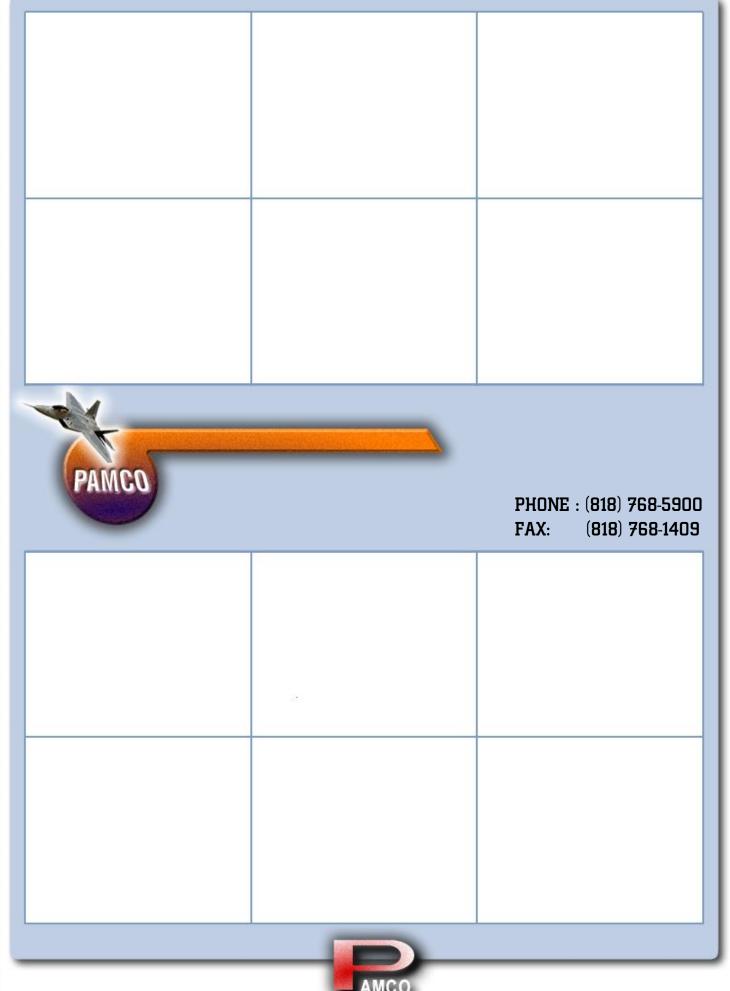


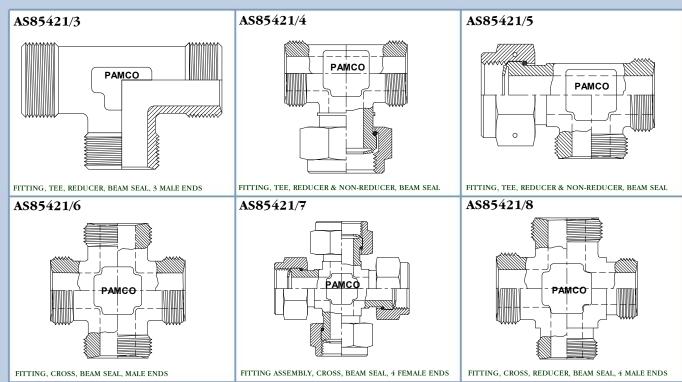


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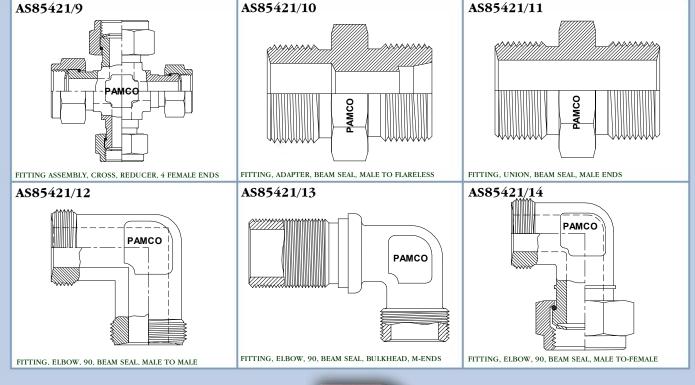
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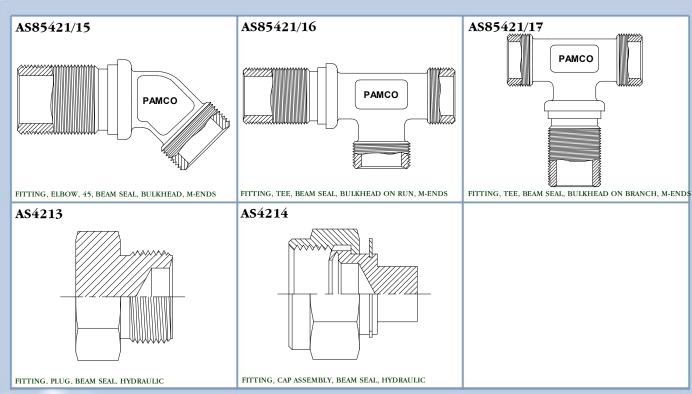




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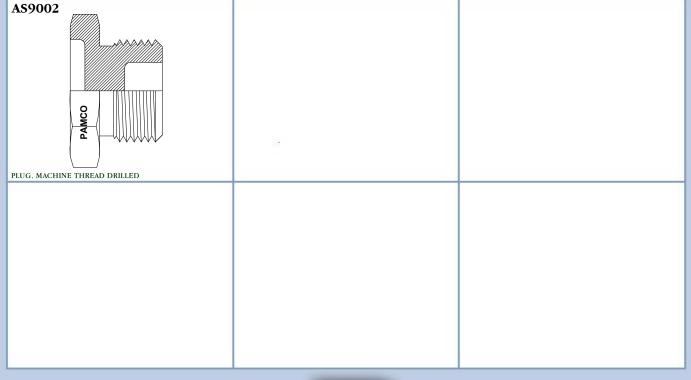




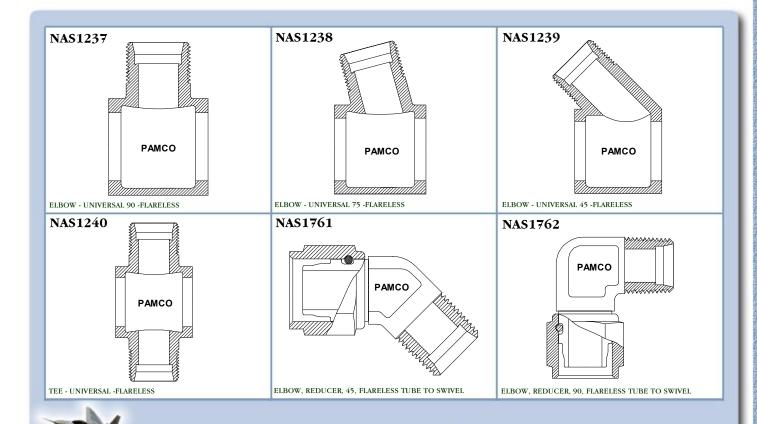




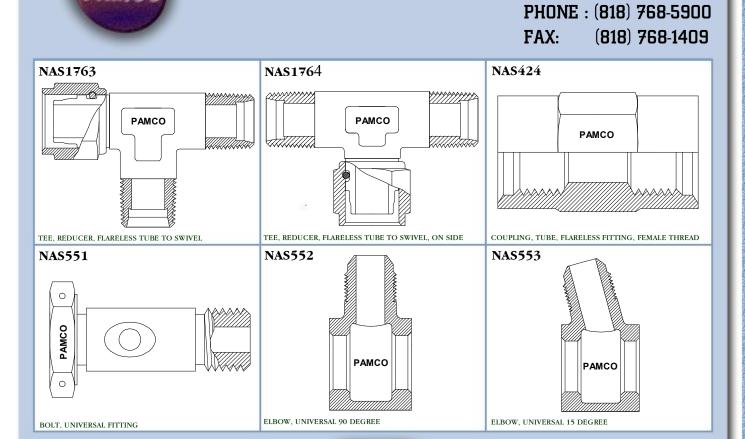
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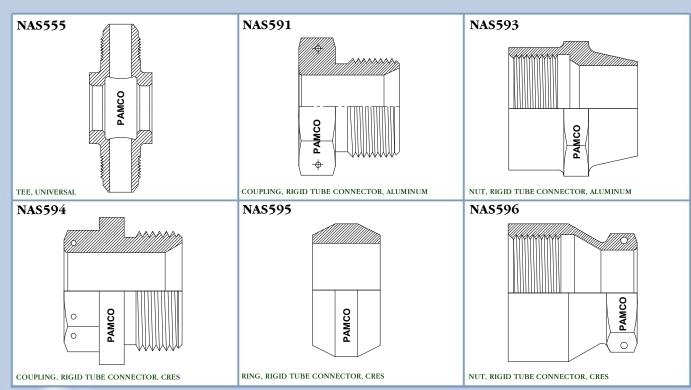






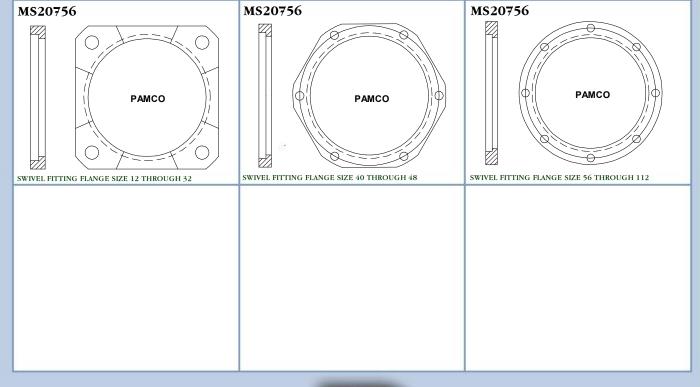
PRECISION AIRCRAFT MACHINING CO., INC



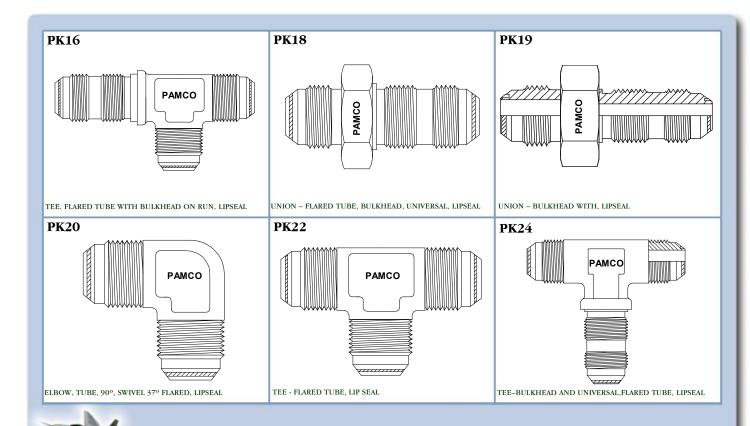




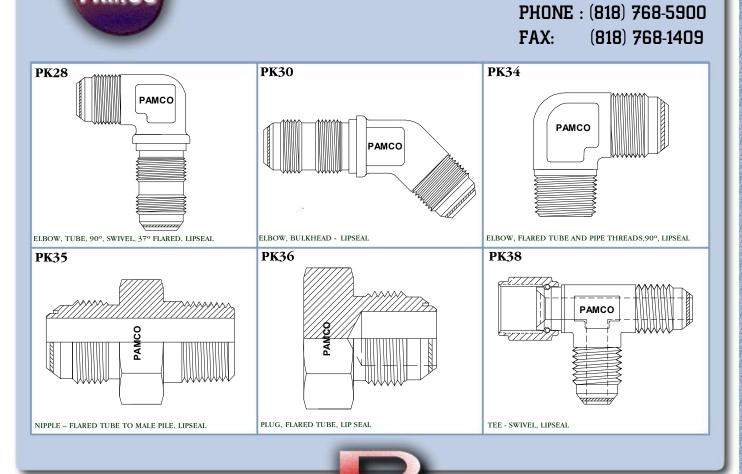
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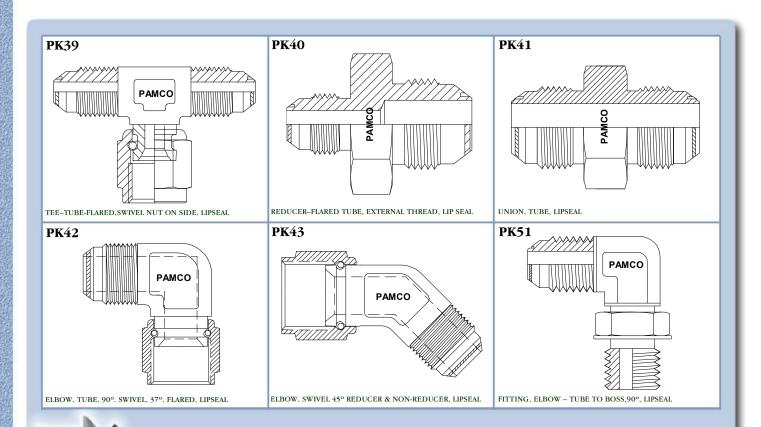


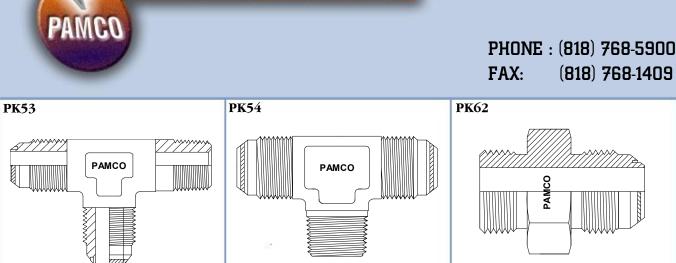




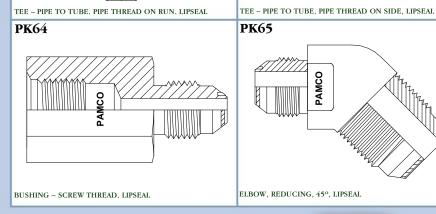
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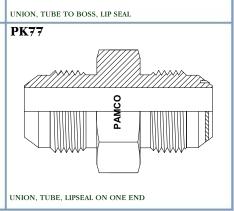




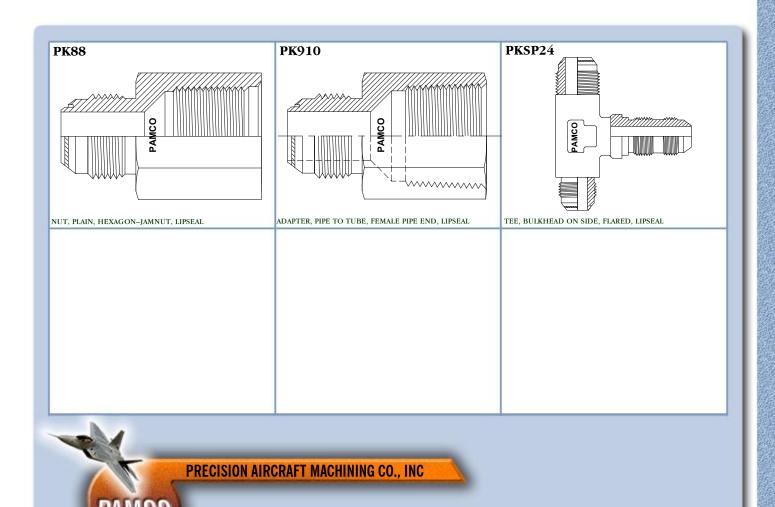


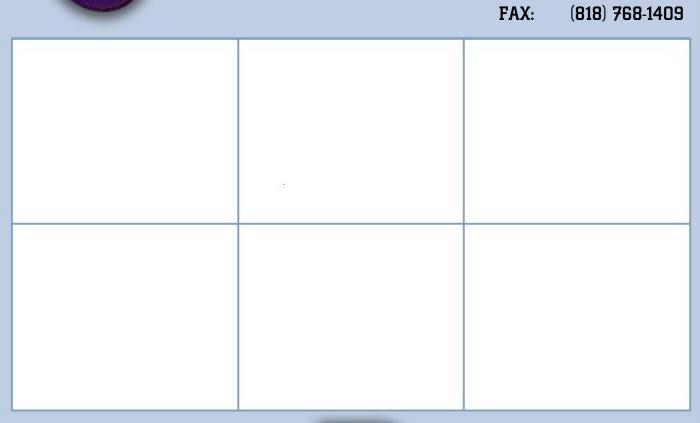
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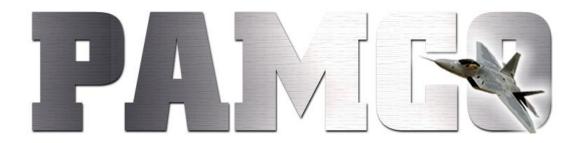
PHONE: (818) 768-5900

PRECISION AIRCRAFT MACHINING CO., INC  PAMCO  PANCO  PRICE  (210) 700 5000				
		PUNIT . (Q1Q) 7CQ 5QNN		
		PHONE: (818) 768-5900 FAX: (818) 768-1409		



References





AS cross reference chart

AS9100 CERTIFIED AS18280 QPL

CANCELLED	SUPERSEDED
AN & MS PARTS	AS PART NUMBERS
AN774	AS5160
AN775	
	AS5161
AN776	AS5162
AN777	AS5163
AN778	AS5164
AN779	AS5165
AN783/MS24388	AS1031
AN784/MS24389	AS1032
AN804/MS24390	AS1033
AN806/MS24404	AS5168
AN807	AS5180
AN814/MS24391	AS5169
AN815/MS24392	AS5174
AN816	AS5194
AN817	AS5206**
AN818	AS5175**
AN821/MS24401	AS1034
AN824/MS24402	AS1035
AN827/MS24403	AS1036
AN832/MS24393	AS1037
AN833/MS24394	AS1038
AN834/MS24395	AS1039
AN837/MS24396	AS1040
AN838	AS5181
AN839	AS5182
AN840	AS5183
AN841	AS5184
AN842	AS5185
AN844	AS5186
AN846	AS5187
	AS5188
AN848	

AN & MS PARTS	CANCELLED	SUPERSEDED
AN893/MS24397 AS5172 AN894/MS24398 AS5173 AN910 AS4859 AN911 AS4860 AN912 AS4861 AN913/MS20913 AS4863 AN914 AS4854 AN915 AS4855 AN916 AS4856 AN917 AS4857 AN918 AS4858 AN919/MS24399 AS5174 AN924 AS5178 AN929 AS5177** AN932 AS4864** AN933 AS4862 AN937 AS5193 AN938 AS5192 AN939 AS5190 AN941 AS5191 AN6289 AS5179 MS20756 AS5220** MS20757 AS5221** MS20759 AS5123** MS20759 AS5176 MS20822 AS5195 MS20823 AS5196 MS20825 AS5197	AN & MS PARTS	AS PART NUMBERS
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AN911 AS4860 AN912 AS4861 AN913/MS20913 AS4863 AN914 AS4854 AN915 AS4855 AN916 AS4856 AN917 AS4857 AN918 AS4858 AN919/MS24399 AS5174 AN924 AS5178 AN929 AS5177** AN932 AS4864** AN933 AS4862 AN937 AS5193 AN938 AS5192 AN939 AS5190 AN941 AS5191 AN6289 AS5179 MS20756 AS5220** MS20757 AS5221** MS20759 AS5123** MS20759 AS5123** MS20760 AS5124** MS20822 AS5196 MS20825 AS5196 MS20825 AS5197	AN894/MS24398	AS5173
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MS20758 AS5122** MS20759 AS5123** MS20760 AS5124** MS20819 AS5176 MS20822 AS5195 MS20823 AS5196 MS20825 AS5197	MS20756	AS5220**
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	MS20823	AS5196
MS20826 AS5198	MS20825	AS5197
	MS20826	AS5198



Master List of Basic AN, MS, NAS & AS Numbers



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