



Turn To The Industry Experts

Die Casting Solutions

- Aerosols & Chemicals
- Cooling Products
- Eyebolts & Hoist Rings
- Wear Plate
- Leader Pins & Bushings
- Part Ejection
- Springs
- Custom Components
- Welder & Polishing Equipment



Rust Preventatives



Injection mold maintenance chemicals and equipment are designed for use of maintaining and cleaning your molds. Plastic injection mold products include cleaners and degreasers, rust preventatives, mold release and coatings.

- Safely protects mold surfaces against moisture, oxidations and rust.
- Prevents harmful corrosion from penetrating the mold
- Protects mold when in storage



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Mold Greases



Injection mold maintenance chemicals and equipment are designed for use of maintaining and cleaning your molds. Plastic injection mold products include cleaners and degreasers, rust preventatives, mold release and coatings.

- Increases production by reducing friction and sticking issues
- Resists moisture and outside contaminants
- High load bearing properties
- Anti-corrosive



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Cleaners & Degreasers



Injection mold maintenance chemicals and equipment are designed for use of maintaining and cleaning your molds. Plastic injection mold products include cleaners and degreasers, rust preventatives, mold release and coatings.



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- Fast cutting action removes mold protection and releases, grease, oil and carbon
- Contains aggressive chlorinated cleaning agent
- Excellent general purpose cleaner for molds, machinery and tools
- Dries fast and leaves no residue

Quick Disconnect Socket Connectors



PCS Company's Socket Connectors Non-Valved are designed for maximum flow with safety in mind utilizing the built in locking feature. These socket connectors can be used for water, coolant, air or oil lines that are found in both the injection molding and die casting industries. The leak proof construction of brass and stainless steel with a silicone seal lets you reach temperatures of 400°F and pressures up to 200 psi.



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- Locks for safety with a twist
- No hose clamps required when using Push-Lok hose barbs
- Maximum pressure of 200 psi
- Maximum temperature rating of 400° F

Cascade Assemblies



PCS Company's Cascade Assemblies aid in the cooling within a mold. Compact, Nipple Type, High Flow and Hex Key assemblies are all available at PCS.

- Available in sizes 5/16 to 1-1/4 Inch & M8 to M30 Metric
- Clear identification of working load limit (WLL)
- Wear marks in the main load directions 45, 30, and 0
- Not suitable for permanent swiveling under full load, especially in 90 degree direction



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Baffles

PCS Company's Socket Connectors Non-Valved are designed for maximum flow with safety in mind utilizing the built in locking feature. These socket connectors can be used for water, coolant, air or oil lines that are found in both the injection molding and die casting industries. The leak proof construction of brass and stainless steel with a silicone seal lets you reach temperatures of 400°F and pressures up to 200 psi.



- Locks for safety with a twist
- No hose clamps required when using Push-Lok hose barbs
- Maximum pressure of 200 psi
- Maximum temperature rating of 400° F



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Aluminum Water Manifolds



PCS offers Smartflow® Aluminum Water Manifolds to help optimize the mold cooling process along with reducing the amount of time to make a mold change to support SMED practices. The Aluminum Water Manifolds are made from proprietary extrusions cut to length, then machined and polished before the hard-coating anodizing process to color them red and blue. Utilize the red and blue color coding to denote supply & return cooling circuits.



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- 300°F - Maximum operating temperature
- 150psi maximum pressure rating
- One piece / no seams
- Brass end plugs included (NPT only)

KoolFlow Manifolds



The Kool Flow Manifold™ is a flexible water manifold system. The modular design of the Kool Flow Manifold™ allows for changes to be made at any time according to your needs. Inlet sizes of 1", 1-1/4", 1-1/2" and 2" are available at PCS.



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- Modular construction
- 6061-T6 Aluminum Material (1.6541) alloy steel wrenched and tempered
- Anodized for corrosion protection
- Configurator available on website

RUD VWBG Load Ring

The RUD VWBG Load Ring is suitable for all loads which swivel and tilt, so it can be loaded in all directions with a 4:1 safety factor.



- Available in sizes 5/16 to 1-1/4 Inch & M8 to M30 Metric
- Clear identification of working load limit (WLL)
- Wear marks in the main load directions 45, 30, and 0
- Not suitable for permanent swiveling under full load, especially in 90 degree direction



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RUD Eyebolts

The VRS-F StarPoint Swivel Eyebolt offers the highest level of safety available with its swivel capability that adjusts to the direction of the load ensuring that the Working Load Limit (WLL) is never diminished. The StarPoint is supplied with an annealed easy-fit key for simple assembly and disassembly. Simply engage the hexagon socket bolt with the annealed key to tighten or untighten the arrangement. Disengage the key and the StarPoint is rotatable.



- Available in sizes 5/16 to 2
- Clear identification of working load limit (WLL) rated at 90 from thread on body of eyebolt
- Pivots 360 to the direction of the load lift so that the WLL is always at the direction of the load



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Hoist Rings & Forged Eyebolts



Our hoist rings and forged eyebolts are designed with safety in mind. Made from the highest quality materials in the industry. Reliable and durable from PCS Company.



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- Durable
- Variety of sizes available
- Off the shelf availability

Standard Wear Plate (*Inch & Metric*)



Bronze Plated Wear Plate is used to reduce wear and give added support to moving components within a mold. PCS Bronze Plated Wear Plate is sold by the inch and cut to customer specified lengths up to 48".



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- Ground top & bottom
- Machined edges
- Custom cut to length - 1/2" increments

Leader Pins



Leader Pins provide initial alignment of cavity and core halves. Straight, Shoulder and Guided Ejection leader pins are all available.

- Provide initial alignment of cavity and core halves
- Press-Fit installation
- Case hardened steel
- Unit of Measure - Inch



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Bushings

PCS Company offers Bushings in various material types and sizes. Both inch and metric bushings are available to meet your requirements. Whether your design calls for Guided Ejection, Straight or Shoulder bushings, PCS has the solution for you. With our incredible customer service and wide product selection, you can count on PCS to meet your needs.



- Bronze Plated, Solid Bronze, Die Bushings, Self-Lubricating
- Custom sizes available



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Part Ejection



PCS Company's Part Ejection Products include Ejector and Core Pins, Blades, Sleeves, and other part ejection products available in both inch and metric sizes. Our trademarked Hardened Throughout™ Ejector Pin has been recognized as the industry standard for over fifty years. From prototype to production PCS has you covered. With our incredible customer service and wide product selection, you can count on PCS to meet your needs.



- Industry standard sizes
- Off the shelf availability
- Quality components



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Springs

PCS Company's springs are made of hardened alloy steel to withstand the load demands and stresses found in the injection molding and die casting industries. Our springs are painted with an E-coat process to provide superior corrosion resistance. PCS Company offers a full selection of Medium Duty, Medium Heavy Duty, Heavy Duty and Extra Heavy Duty springs.



- Color coded - Green / Silver
- E-Coat provides corrosion resistance
- Made of hardened alloy steel



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Custom Components

PCS Company provides a variety of unique custom component products for the plastics industry. Quick quote turnaround and competitive pricing ensures the industry's leading customer care. Our team has decades of tooling experience to confidently handle the most intricate designs in the industry today. Use our custom component templates to provide the necessary information in the most convenient method to our team!



- Quick quote turnaround
- Highest quality in the industry
- Competitively priced
- Easy to use quote forms available online



SCAN ME!

Ultramax MF Touch Complete Package 3-1



The Ultimate Mold Polishing Package. The UltramaxMF TOUCH utilizes a high-efficiency microprocessor to deliver power to ultrasonic, brushless DC, and brush-type DC handpieces. This complete kit includes the UltramaxMF TOUCH polishing system, a total of 3 handpieces and a convenient cabinet. For precision work, this is the most cost effective solution available.



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- This complete package includes: MF Touch with Ultrasonic Handpiece, a Recipro Profiler (Z-2X or Z-6X), 50,000RPM rotary handpiece, and metal cabinet.
- Z-2X profiler has an adjustable stroke length 0 -2mm (7,020 Max RPM)
- Z-6X profiler has an adjustable stroke length 0 -6mm (4,200 Max RPM)
- Variable speed footpedal included

PUK U5 Mold & Die Precision Welder



PCS Company PUK® U5 Mold & Die Precision Welder offers an easy to use solution for precision mold and die repairs. Utilizing micro TIG technology, the welder produces small, consistent spot welds that penetrate the mold surface. The welded areas are strong and can withstand the pressures and working conditions during the molding process. All heat is concentrated at the spot of the weld thereby eliminating the possibility of distortion and metal stress caused by overheating.



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- Mobility - Take the U5 Power directly to the press for repair!
- Minimal Heat - Prevents damage caused by overheating of the mold
- Save time and money! Keep your mold repairs in house!
- Easy to use! No special training required.



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