

AFTERMARKET PARTS & SERVICES

Aftermarket Hot Runner Parts & Services:

Manifold Cleaning and System Refurbishment.....	N3
Nozzle Heater and Hot Runner Component Repair.....	N4

Aftermarket Hot Runner Replacement Parts:

Axial Clamp Heaters.....	N9
Cartridge Heaters.....	N18
Cartridge Heaters Options.....	N19
Custom Coil Heaters.....	N16
Custom Coil Heater Options.....	N17
Flexible Tubular Heaters.....	N9
Flexible Tubular Heater Installation Tools.....	N9
Flexible Tubular Manifold Heaters.....	N10
Flexible Tubular Manifold Heater Installation.....	N11
Insulators & Retainers.....	N12
Kappa Heaters.....	N8
Nozzle Tips.....	N13
OEM Heaters.....	N6
OEM Thermocouples.....	N7
Pistons, Seals, & Bushings.....	N15
Spacers & Nozzle Housings.....	N12
Valve Stems & Bushings.....	N14

Quote Forms:

Aftermarket Replacement Parts.....	N21
Cartridge Heater.....	N25
Manifold Cleaning.....	N22
Nozzle Heater & Hot Runner Components Repair.....	N23
Wind From Stock Coil Heater.....	N24

Aftermarket Hot Runner Parts & Services

PCS the leading independent provider of aftermarket parts, repairs and service for all brands of hot runner systems. From preventative maintenance to emergency repairs, PCS offers molders a variety of ways to increase productivity, assure quality, and control expenses.

Available Parts & Services:

- Aftermarket Hot Runner Replacement Parts
- Manifold Cleaning
- System Refurbishment
- Nozzle Heater Repair
- Nozzle Seal-Off Repair



Major Hot Runner brands can be repaired and serviced including:

- | | | | |
|----------|------------|----------------|--------------|
| • DME | • Husky | • Mold-Masters | • Synventive |
| • Männer | • Polimold | • Yudo | |

**Other brands can be serviced*

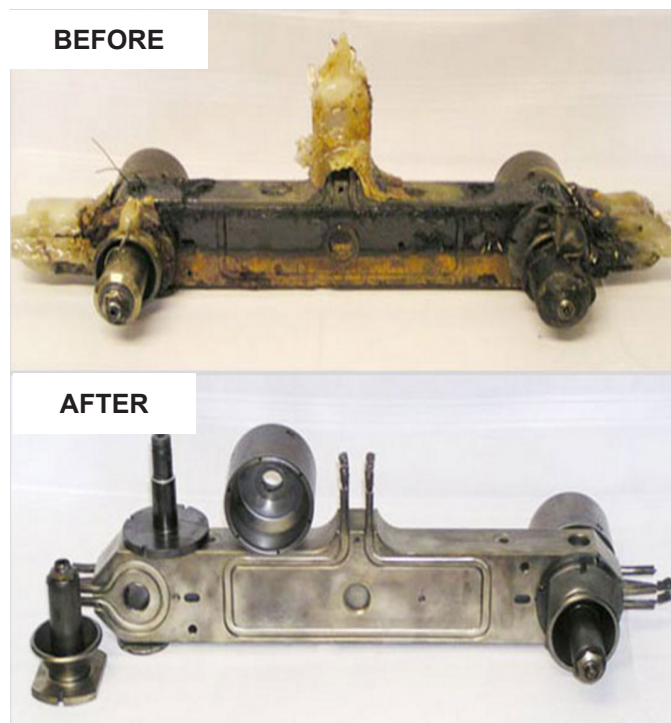
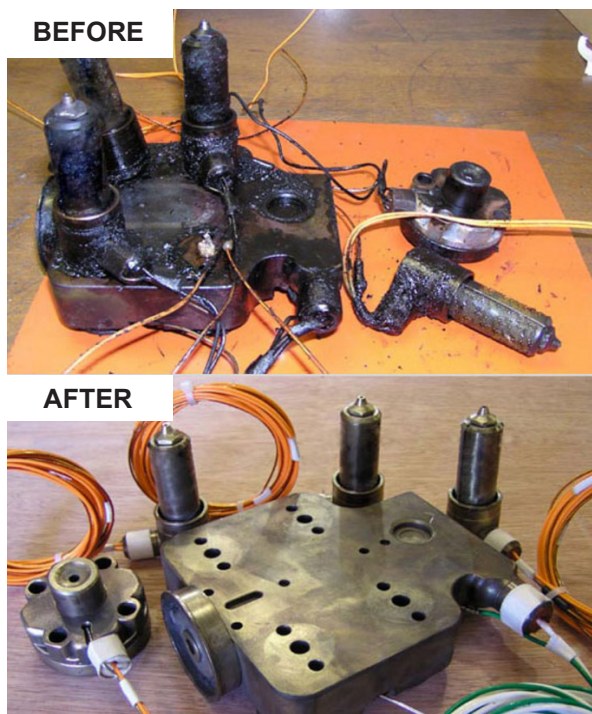
Manifold Cleaning & System Refurbishment

Manifold Cleaning

PCS unique cleaning process removes all plastic, carbon, and degraded material from the melt channels of any hot runner manifold without opening the end plugs.

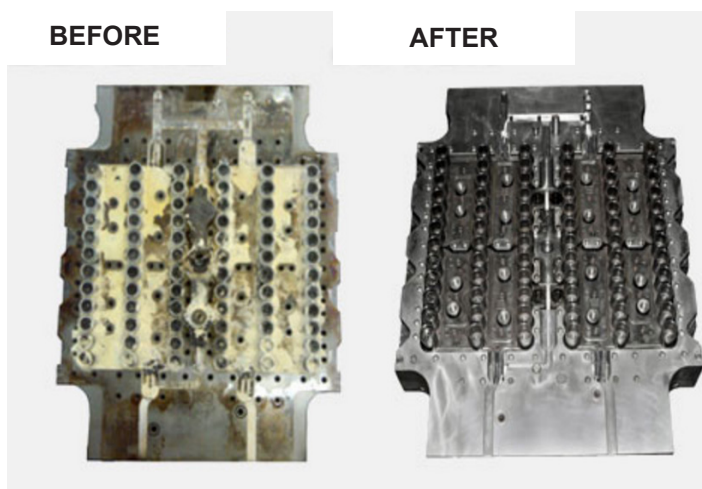
Advantages include:

- Works on all resins, including engineered & glass filled grades
- Removes metal chips
- No tool damage
- Component rewiring available
- 1-2 day turnaround for most brands



System Refurbishment

The trained technicians at PCS can quickly disassemble and evaluate the flooded hot half. During the refurbishment process, PCS will clean and repair, or replace, damaged components as instructed by the customer. Then reassemble and test the hot runner system to ensure functionality.



Nozzle Heater & Hot Runner Component Repair

PCS now offers a component repair service that significantly reduces cost, while restoring components to original working condition.

Nozzle Heater Repair

A majority of nozzle heater repairs involve heater leads or terminations that have been damaged, either through plastic leakage or mechanical breakage. PCS has developed a technique to repair even the most damaged terminations. This technique restores nozzle heaters to "good-as-new" condition at considerable savings over replacement.

Nozzle tips can be damaged during removal or replacement of tip assembly. PCS can quickly remove the tip (even carbide tips) with no damage to the thread or seal-off areas. Integrally heated nozzle repair is also available.

BEFORE



AFTER



Nozzle Seal-Off Repair

A common problem with older systems is wear at the nozzle seal-off diameter, which allows plastic leakage down the nozzle and around heaters. The PCS solution involves micro welding and grinding the seal-off diameter to original factory tolerance(s). The cost is a fraction of a new housing.



Request a Quote on Aftermarket Services

Available request for quote form(s):

- Manifold Cleaning & System Refurbishment
- Nozzle Heater & Hot Runner Component Repair

Quote forms can be found online at: www.pcs-company.com/contact-us/request-a-quote

Submit completed quote forms by email or fax:

- Email: customcomponents@pcs-company.com
- Fax: 800-505-3299

Any questions, contact PCS Custom Components Department at 800-521-0546 ext.

Aftermarket Hot Runner Replacement Parts

PCS is able to offer a wide array of top quality aftermarket hot runner replacement parts at significant savings over OEM costs.

Replacement product offering includes:




- Nozzle & Manifold Heaters
- Nozzle & Manifold Thermocouples
- Gate Shell Insulators
- Gate Inserts
- Nozzle Tips
- Nozzle Housing/Bodies
- Valve Gate Pins




OEM Heaters



- DME and Husky equivalent replacement heaters
- Excellent heat distribution
- Internal thermocouple
- Custom sizes available upon request



CATALOG NO.	OEM STYLE	DESCRIPTION	PICTURE
534192	Husky	Nozzle Heater, Cam lock style, 268 Watts, 240V, 2M Leads	
534233	Husky	Sprue Heater, Cam lock style, 268 Watts, 240V, 2M Leads	
534445	Husky	Nozzle Heater, Cam lock style, 149 Watts, 240V, 2M Leads	
534533	Husky	Sprue Heater, 400 Watts, 240V, 2M Leads	
536195	Husky	Sprue Heater, 650 Watts, 240V, 2M Leads	
534975	Husky	Nozzle Heater, Bi-metallic style with screw on cap, 220 Watts, 240V, 2M Leads	

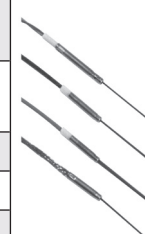
CATALOG NO.	OEM STYLE	DESCRIPTION	I.D.	WIDTH	PICTURE
HPS-2001	DME	High Performance Straight Shot Heater, 700W, 240V, 66" Leads	0.700"	3.50"	
SCH-0004	DME	Mini Mate Mate Heater, 250W, 240V, 39" Leads	0.750"	3.50"	
SCH-3142	DME	Medium Gate Mate Heater, 460W, 240V, 42" Leads	0.750"	1.70"	
SCH-3242	DME	Medium Gate Mate Heater, 460W, 240V, 42" Leads	0.750"	2.70"	
SSTC-31	DME	Straight Shot Heater, 300W, 120V, 48" Leads	0.500"	4.63"	
SSTC-3190	DME	Straight Shot Heater, 300W, 120V, 48" Leads	0.500"	4.63"	
SSTC-32	DME	Straight Shot Heater, 300W, 240V, 48" Leads	0.500"	4.63"	
SSTC-3290	DME	Straight Shot Heater, 300W, 240V, 48" Leads	0.500"	4.63"	
SSTC-42	DME	Straight Shot Heater, 460W, 240V, 48" Leads	0.500"	2.50"	
SSTC-4290	DME	Straight Shot Heater, 460W, 240V, 48" Leads	0.500"	2.50"	

OEM Thermocouples

- Husky, DME and Mold-Masters equivalent replacement thermocouples
- J-Type Thermocouples
- Quick response time
- Built to OEM specifications



CATALOG NO.	OEM STYLE	DESCRIPTION	PICTURE
534541	Husky	Thermocouple -1 mm T/C, 8" probe, J type	
535002	Husky	Thermocouple	
535057	Husky	Thermocouple -1.5mm T/C, 8" probe, J type	
535037	Husky	Thermocouple	
1502149	Husky	2 Thermocouples extend 10mm beyond square bracket	
536194	Husky	2 Thermocouples extend 8mm beyond square bracket	
534184	Husky	Round Washer with 2 Thermocouples attached	

CATALOG NO.	OEM STYLE	DESCRIPTION	PROBE LENGTH	PICTURE
HPS-3001	DME/Mold-Masters	High Performance Straight Shot, J Type Thermocouple, Dia= 1.5mm, 48" Leads	4.25"	
TCG-0100	DME/Mold-Masters	Mini Gate Mate, J Type Thermocouple, Dia= 1.5mm, 39" Leads	1.80"	
TC-9600	DME/Mold-Masters	Medium Gate Mate, J Type Thermocouple, Dia= 1.5mm, 39" Leads	2.68"	
TC-9700	DME/Mold-Masters	Medium Gate Mate, J Type Thermocouple, Dia= 1.5mm, 39" Leads	3.68"	
TC-10-110	DME/Mold-Masters	Grounded, J Type Thermocouple, Dia= 1.0mm, 60" Leads	110 mm	
TC-10-150	DME/Mold-Masters	Grounded, J Type Thermocouple, Dia= 1.0mm, 60" Leads	150 mm	
TC-10-200	DME/Mold-Masters	Grounded, J Type Thermocouple, Dia= 1.0mm, 60" Leads	200 mm	
TC-10-250	DME/Mold-Masters	Grounded, J Type Thermocouple, Dia= 1.0mm, 60" Leads	250 mm	
TC-10-300	DME/Mold-Masters	Grounded, J Type Thermocouple, Dia= 1.0mm, 60" Leads	300 mm	
TC-15-110	DME/Mold-Masters	Grounded, J Type Thermocouple, Dia= 1.5mm, 60" Leads	110 mm	
TC-15-150	DME/Mold-Masters	Grounded, J Type Thermocouple, Dia= 1.5mm, 60" Leads	150 mm	
TC-15-200	DME/Mold-Masters	Grounded, J Type Thermocouple, Dia= 1.5mm, 60" Leads	200 mm	
TC-15-250	DME/Mold-Masters	Grounded, J Type Thermocouple, Dia= 1.5mm, 60" Leads	250 mm	
TC-15-300	DME/Mold-Masters	Grounded, J Type Thermocouple, Dia= 1.5mm, 60" Leads	300 mm	

Kappa Heaters



- OEM Replacements
- Used on nozzles in high cavitation applications
- Maximizes high cavitation mold performance
- Threaded top tightens heater to the nozzle
- Nickel-coated inside diameter for easy removal
- Made in the U.S.A.

CATALOG NO.	DIAMETER	WIDTH	WATTS	VOLTS
KSH22030	3/4" - 19.05 mm	30 mm	220W	240v
KSH26830	3/4" - 19.05 mm	30 mm	268W	240v
KSH35030	3/4" - 19.05 mm	30 mm	350W	240v
KSH22040	3/4" - 19.05 mm	40 mm	220W	240v
KSH35040	3/4" - 19.05 mm	40 mm	350W	240v
KSH22050	3/4" - 19.05 mm	50 mm	220W	240v
KSH35050	3/4" - 19.05 mm	50 mm	350W	240v
KSH22060	3/4" - 19.05 mm	60 mm	220W	240v
KSH40060	3/4" - 19.05 mm	60 mm	400W	240v
KSH22070	3/4" - 19.05 mm	70 mm	220W	240v
KSH40070	3/4" - 19.05 mm	70 mm	400W	240v
KSH22080	3/4" - 19.05 mm	80 mm	220W	240v
KSH40080	3/4" - 19.05 mm	80 mm	400W	240v
KSH22090	3/4" - 19.05 mm	90 mm	220W	240v
KSH40090	3/4" - 19.05 mm	90 mm	400W	240v
KSH220100	3/4" - 19.05 mm	100 mm	220W	240v
KSH400100	3/4" - 19.05 mm	100 mm	400W	240v
KSH220110	3/4" - 19.05 mm	110 mm	220W	240v
KSH400110	3/4" - 19.05 mm	110 mm	400W	240v
KSH220130	3/4" - 19.05 mm	130 mm	220W	240v
KSH400130	3/4" - 19.05 mm	130 mm	400W	240v
KSH220150	3/4" - 19.05 mm	150 mm	220W	240v
KSH400150	3/4" - 19.05 mm	150 mm	400W	240v
KSH220170	3/4" - 19.05 mm	170 mm	220W	240v
KSH450170	3/4" - 19.05 mm	170 mm	450W	240v
KSH220190	3/4" - 19.05 mm	190 mm	220W	240v
KSH450190	3/4" - 19.05 mm	190 mm	450W	240v
KSH220210	3/4" - 19.05 mm	210 mm	220W	240v
KSH450210	3/4" - 19.05 mm	210 mm	450W	240v

Axial Clamp Heaters

- OEM Replacements
- Low Profile design for congested mold situations
- Convenient single front accessible allen screw
- Positive clamping maximizes heat transfer
- Made in the U.S.A.



CATALOG NO.	DIAMETER	WIDTH	WATTS	VOLTS
AC14930-750	3/4" (19.05 mm)	1.2" (30 mm)	149W	240v
AC26830-750	3/4" (19.05 mm)	1.2" (30 mm)	268W	240v
AC26830-875	7/8" (22.22 mm)	1.2" (30 mm)	268W	240v

Flexible Tubular Heaters

- OEM Replacements
- User formable
- Shipped in easy to install straight lengths in 50 mm increments
- Fast and efficient heat transfer
- Same day shipment available
- Made in the U.S.A.
- Connection Options:
 - Standard M4 threaded connection with two nuts
 - Ceramic insulated connector for quick disconnect
 - Other connection options available

DIAMETERS AVAILABLE	LENGTHS AVAILABLE
8.0 mm	300 mm - 2100 mm
8.5 mm	300 mm - 1500 mm



Flexible Tubular Heater Installation Tools

Tubular heater installation tools make the installation process faster and easier and assures proper seating while optimizing heat transfer

CATALOG NO.	TOOL
TH-HAMMER	Hammer



Flexible Tubular Manifold Heaters

LENGTH	HEATED LENGTH	8.0 mm Ø (+ / - 0.1 mm) MIN. BENDING RADIUS 10 mm GROOVE TOLERANCES 7.65 +0.1 / -0.0mm		8.5 mm Ø (+ / - 0.1 mm) MIN. BENDING RADIUS 10 mm GROOVE TOLERANCES 8.15 +0.1 / -0.0mm	
		8.0 mm CATALOG NO.	WATTS	8.5 mm CATALOG NO.	WATTS
300 mm	240 mm	TH80-0300	560W	TH85-0300	650W
350 mm	290 mm	TH80-0350	675W	TH85-0350	750W
400 mm	340 mm	TH80-0400	795W	TH85-0400	900W
450 mm	390 mm	TH80-0450	910W	TH85-0450	1050W
500 mm	440 mm	TH80-0500	1025W	TH85-0500	1150W
550 mm	490 mm	TH80-0550	1145W	TH85-0550	1300W
600 mm	540 mm	TH80-0600	1260W	TH85-0600	1450W
650 mm	590 mm	TH80-0650	1380W	TH85-0650	1600W
700 mm	640 mm	TH80-0700	1495W	TH85-0700	1750W
750 mm	690 mm	TH80-0750	1615W	TH85-0750	1900W
800 mm	740 mm	TH80-0800	1730W	TH85-0800	2050W
850 mm	790 mm	TH80-0850	1845W	TH85-0850	2200W
900 mm	840 mm	TH80-0900	1960W	TH85-0900	2350W
950 mm	890 mm	TH80-0950	2080W	TH85-0950	2500W
1000 mm	940 mm	TH80-1000	2195W	TH85-1000	2650W
1050 mm	990 mm	TH80-1050	2316W	TH85-1050	2800W
1100 mm	1040 mm	TH80-1100	2430W	TH85-1100	2930W
1150 mm	1090 mm	TH80-1150	2545W	TH85-1150	3060W
1200 mm	1140 mm	TH80-1200	2665W	TH85-1200	3190W
1250 mm	1190 mm	TH80-1250	2780W	TH85-1250	3320W
1300 mm	1240 mm	TH80-1300	2895W	TH85-1300	2450W
1350 mm	1290 mm	TH80-1350	3015W	TH85-1350	2580W
1400 mm	1340 mm	TH80-1400	3130W	TH85-1400	3600W
1450 mm	1390 mm	TH80-1450	3245W	TH85-1450	3600W
1500 mm	1440 mm	TH80-1500	3365W	TH85-1500	3600W
1550 mm	1490 mm	TH80-1550	3480W		
1600 mm	1540 mm	TH80-1600	3600W		
1650 mm	1590 mm	TH80-1650	3600W		
1700 mm	1640 mm	TH80-1700	3600W		
1750 mm	1690 mm	TH80-1750	3600W		
1800 mm	1740 mm	TH80-1800	3600W		
1850 mm	1790 mm	TH80-1850	3600W		
1900 mm	1840 mm	TH80-1900	3600W		
1950 mm	1890 mm	TH80-1950	3600W		
2000 mm	1940 mm	TH80-2000	3600W		
2050 mm	1990 mm	TH80-2050	3600W		
2100 mm	2040 mm	TH80-2100	3600W		

Flexible Tubular Manifold Heater Installation



Step 1.

Determine and mark the midpoint of the manifold groove length on the manifold. Determine and mark the center point of the flexible heater. Start at the midpoint of the groove in the manifold and use the forming tool to bend the heater, starting at the center point of the heater, consistent with the manifold groove shape.



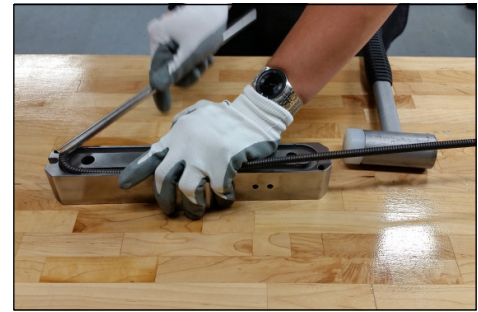
Step 2.

Hold the heater directly above the manifold groove, aligning both the heater center point and the manifold groove midpoint. Strike the heater hard to seat it in the groove.



Step 3.

Form and install 1"-2" (25 -50mm) short sections of the heater at a time to prevent the need to re-bend the heater. It is important to make sure the heater is directly above the manifold groove before striking. For best results pre-form the heater as precisely as possible before installing in the manifold groove.



Step 4.

Keep the heater flat with one hand while using the forming tool with your free hand to shape and bend the heater. All bends should be positioned directly above the manifold groove before striking the heater.



Step 5.

Using a single strong strike is better than multiple soft strikes when inserting the heater in the groove. If your groove dimensions are correct you will not damage the internal heater.






Step 6.

After the entire heater is firmly positioned in the manifold groove, use the staking tool to seat the heater in the groove by staking the heater every $\frac{3}{4}$ " (20mm). Using the staking tool to seat the heater will improve heat transfer and improve heater life.



Spacers & Nozzle Housings








- Husky equivalent replacement
- Built to OEM specifications

CATALOG NO.	OEM STYLE	DESCRIPTION	PICTURE
535636	Husky	Back Spacer, Helps locate manifolds in plate	
532963	Husky	Back Spacer, Helps locate manifold in plate	
535927	Husky	Nozzle Housing, standard housing with snap ring groove	

Insulators & Retainers

- Husky & MHT equivalent replacement
- Built to OEM specifications



CATALOG NO.	OEM STYLE	DESCRIPTION	PICTURE
5248982	Husky	Nozzle Tip Insulator	
5501583	Husky	Nozzle Tip Insulator	
535469	Husky	Nozzle Tip Insulator	
534183	Husky	Nozzle Tip Insulator	
534431	Husky	Nozzle Tip Insulator	
2633927	Husky	Nozzle Insulator	
2504076	Husky	Nozzle Tip Insulator	
3019811	Husky	Nozzle Tip Insulator -Ultra HyPET system	
2221327	Husky	Nozzle Tip Insulator -Current standard design	
100352	MHT	Nozzle Tip Insulator -MHT	
2613055	Husky	Nozzle Tip Insulator -For Ultra sytem	
2638175	Husky	Nozzle Tip Retainer -500 Series Tip Retainer	

Nozzle Tips





- Husky & MHT equivalent replacement
- Built to OEM specifications

CATALOG NO.	OEM STYLE	DESCRIPTION	PICTURE
100351	MHT	PET Nozzle Tip - MHT	
535242	Husky	PET Nozzle Tip - Old Style Design	
534514	Husky	PET Nozzle Tip - 1mm longer than 535242	
2149709	Husky	PET Nozzle Tip -current standard design	
2594014	Husky	PET Nozzle Tip	
2892341	Husky	Nozzle Tip	
2046378	Husky	Nozzle Tip - 3 Hole Tip, 5 Diameter melt channel	
2046382	Husky	Nozzle Tip - 3 Hole Tip, 8 Diameter melt channel	
535989	Husky	Nozzle Tip - 3 Hole Tip, 5 Diameter melt channel	
535990	Husky	Nozzle Tip - 3 Hole Tip, 8 Diameter melt channel	
2343810	Husky	Nozzle Tip - 500 Series Tip	
2343811	Husky	Nozzle Tip - 500 Series Tip TZM	
2468127	Husky	Nozzle Tip, 250 Series	
2725698	Husky	Nozzle Tip - For Ultra sytem	
2906456	Husky	Nozzle Tip - 3.2 mm gate	
3551789	Husky	Nozzle Tip - 6 Hole Tip, 5 Diameter melt channel	
3551791	Husky	Nozzle Tip - 6 Hole Tip, 8 Diameter melt channel	
5248090	Husky	Nozzle Tip - 6 Hole Tip, 5 Diameter melt channel	
533060	Husky	Nozzle Tip - 2 Hole Tip, M12 Thread	
536660	Husky	Nozzle Tip	



Valve Stems & Bushings

- Husky equivalent replacement
- Built to OEM specifications

CATALOG NO.	OEM STYLE	DESCRIPTION	PICTURE
534618	Husky	Valve Bushing	
2391203	Husky	Valve Bushing	
2574137	Husky	PET Valve Stem	
2574138	Husky	PET Valve Stem	
2574139	Husky	PET Valve Stem	
2574140	Husky	PET Valve Stem	
2758743	Husky	PET Valve Stem	
2758699	Husky	Valve Stem	
3109960	Husky	Valve Stem - HyPET	
4151375	Husky	PET Valve Stem	
4150851	Husky	Valve Stem - HyPET	
4151233	Husky	Valve Stem - 173.07 mm for HyPET	
3443069	Husky	Valve Stem	
534765	Husky	PET Valve Stem - 173.07 mm	
533430	Husky	PET Valve Stem - 153.08 mm	
534460	Husky	PET Valve Stem - 158.06 mm	
533429	Husky	PET Valve Stem - 133.09 mm	

Pistons, Seals & Retainers

- Husky & MHT equivalent replacements
- Built to OEM specifications



CATALOG NO.	OEM STYLE	DESCRIPTION	PICTURE
101401	MHT	Piston Seal -MHT Piston Seal	
101402	MHT	Piston Seal -MHT Piston Seal	
101405	MHT	Piston Seal -MHT Piston Seal (micro pitch)	
101406	MHT	Piston Seal -MHT Piston Seal (micro pitch)	
536481	Husky	Piston Seal -2 piece double delta design	
1090035	Husky	Piston Seal -2 piece seal for micro pitch and Ultra HyPET system	
2520571	Husky	Piston Seal -1 piece seal	
535413	Husky	Piston Seal -Teflon Encapsulated PFA O-ring	
533376	Husky	Piston Retainer	
535480	Husky	Piston Disk	
2964040	Husky	Piston -for Ultra HyPET system Ultra HyPET	
2475989	Husky	Piston -for micro pitch	
3304540	Husky	Piston -for micro pitch	
3731087	Husky	Piston Cylinder -Ultra HyPET system	

Custom Coil Heaters

Coil Heater Features

- OEM Replacements
- One day quote turnaround
- Internal type J thermocouple available
- Standard leads: 48" length, Teflon™ insulated (rated to 500°F)
- Wide variety of exit variations available
- Bendable cold section
- Coil from stock standard profile:
 Width 2.5 mm, Length 3.5 mm
- Made in the U.S.A.
- Options:
 - Sheaths
 - OD Pressed on sheath available
 - With tab
 - Without tab
 - Lead protection
 - Fiberglass sleeve (Green)
 - Braided metal sleeve
 - Armor cable
 - Lead options
 - Teflon™ (standard)
- Ground Wire available



Custom Coil Heaters Options

Leads

Fiberglass
(Standard)



Fiberglass
(High Temp)



Teflon®

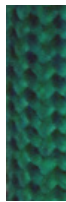


Teflon®
(High Amperage)

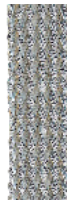


Leads Protection

Fiberglass Sleeve



Braided Metal Sleeve



Armor Cable



Gas Proof



Exit Styles



Exit 1



Exit 2



Exit 3



Exit 4



Exit 5



Exit 6



Exit 7



Exit 8

Cartridge Heaters



- Standard stainless steel sheath for improved corrosion resistance
- OEM replacements (*made to order*)
- Swaged (highly compacted) to size
- Up to 33% extended heater life
- Up to 100" lengths
- Type J and K thermocouples available
- Variety of exit styles available
- Moisture resistant options available
- Incoloy sheath available
- Removal aids available
- Stainless NPT available
- Made in the U.S.A.



Technical support available at (800) 521-0546 or by e-mail at hotrunners@pcs-company.com

Cartridge Heaters Options

Leads

Fiberglass
(Standard)



Fiberglass
(High Temp)



Silicone



Silicone
Cable



Teflon®

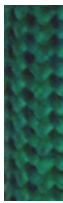


Teflon®
(High Amperage)



Leads Protection

Fiberglass Sleeve



Braided Metal Sleeve



Armor Cable



Gas Proof

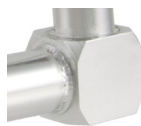


Exit & Removal

Right Angle Exit



Right Angle Block



Flange



Knock Out Tab



NPT



Anti-Seize Coating



Potting Options

Ceramic
Temperature Rating
1000°F/ 538°C



Epoxy
Temperature Rating
600°F/ 315°C



Teflon Plug
Temperature Rating
450°F/ 232°C



Silicone
Temperature Rating
500°F/ 260°C



Silicone
(High Temp)
Temperature Rating
650°F/ 343°C



		TEMPERATURE RATING		MOVEMENT	MOISTURE
		°F	°C		
Potting Options	Ceramic	1000	538	Good	Not Recommended
	Silicone - Standard	500	260	Excellent	Excellent
	Silicone - High Temp.	650	343	Excellent	Excellent
	Epoxy	600	315	Very Good	Very Good
	Teflon® Plug	450	232	Very Good	Not Recommended
Lead Options	Fiberglass (Standard)	482	250	Good	Not Recommended
	Teflon®	500	260	Excellent	Excellent
	Silicone	356	180	Excellent	Excellent
	Silicone Cable	356	180	Excellent	Excellent
	High Temp. Fiber-glass	932	500	Not Recommended	Not Recommended

Teflon® is a registered trademark of the E.I. du Pont de Nemours & Company

How to request a price quotation?

1. Complete the appropriate request for quote form(s).

Forms can be found online at www.pcs-company.com/contact-us/request-a-quote

Available request for quote form(s):

- Aftermarket Hot Runner Replacement Parts
- Manifold Cleaning & System Refurbishment
- Nozzle Heater & Hot Runner Component Repair
- Custom Coil Heaters
- Cartridge Heaters

2. Submit the completed request for quote form(s) by email or fax to:

- Email: customcomponents@pcs-company.com
- Fax: 800-505-3299



If you have any questions, please contact the
PCS Company Custom Components Department at 800-521-0546

Request For Quote Form Aftermarket Replacement Parts

Please supply the following information:	OEM Manufacturer	OEM Part Number	*Is CAD/Drawing Available Yes or No	QTY.
Nozzle Tips				
Nozzle Housing/Bodies				
Nozzle Heaters				
Nozzle Thermocouples				
Manifold Heaters				
Manifold Thermocouples				
Gate Shell Insulators				
Gate Inserts				
Valve Gate Pins				

COMPANY _____

CONTACT _____

E-MAIL _____


ADDRESS _____

CITY, ST. ZIP _____

PHONE _____

FAX _____

DATE _____



www.pcs-company.com

Phone: 800-521-0546
 Fax: 800-505-3299
 E-mail: customcomponents@pcs-company.com

Note: Email or Fax CAD/Drawing and product image next to ruler with this document.



Turn To The Industry Experts

Request For Quote Form Manifold Cleaning


Manifold Cleaning & System Refurbishment quoting is a two-step process

Step 1. PCS will provide a price quotation for cleaning and inspection only.

Step 2. After a purchase order is received and the cleaning and inspection is completed, PCS will provide a price quotation for system refurbishment (component repair, replacement parts, etc.).

Please supply the following information	
OEM Manufacturer Name (i.e. Husky, Synventive, Mold-Masters)	
Hot Runner System Job/Tool I.D. Number	
Manifold Dimensions (<i>In Inches</i>) Length x Width x Height	
Number of Drops	
Resin Type(s) Used in System	
System Type: Thermal Tip or Valve Tip	
Approximate Age of System	
Will you be shipping the system assembled or disassembled?	

COMPANY	_____
CONTACT	_____
E-MAIL	_____
ADDRESS	_____
CITY, ST. ZIP	_____
PHONE	_____
FAX	_____
DATE	_____



Phone: 800-521-0546
Fax: 800-505-3299
E-mail: customcomponents@pcs-company.com

Manifold Cleaning & System Refurbishment

Property of PCS Company. All rights reserved.

Request For Quote Form Nozzle Heater & Hot Runner Components Repair

Please check all that apply:	OEM Manufacturer	OEM Part Number	*Is CAD/Drawing Available Yes or No	QTY.
Nozzle Heater Repair				
Nozzle Seal-Off Repair				
Valve Bushing Repair				
Other				

COMPANY _____

CONTACT _____

E-MAIL _____

ADDRESS _____

CITY, ST. ZIP _____

PHONE _____

FAX _____

DATE _____



Phone: 800-521-0546
 Fax: 800-505-3299
 E-mail: customcomponents@pcs-company.com

Note: Email or Fax CAD/Drawing and product image next to ruler with this document.

Wind From Stock Coil Heater RFQ Form

Winding Pattern (number of winds each) Example Shown = 3 - 2 - 3

Tip: _____ Center: _____ Lead: _____

_____ (coil heater width)

Width of coil heater: _____

I.D. (Inside Diameter): _____

O.D. sheath (check one): Yes No
 (O.D. sheath suggested to 1.25" or larger I.D.)
 Standard leads 48" Teflon insulated (Rated to 500F)

Rated Wattage: _____

Rated Voltage: _____

Internal Type J T/C (check one):

Yes No

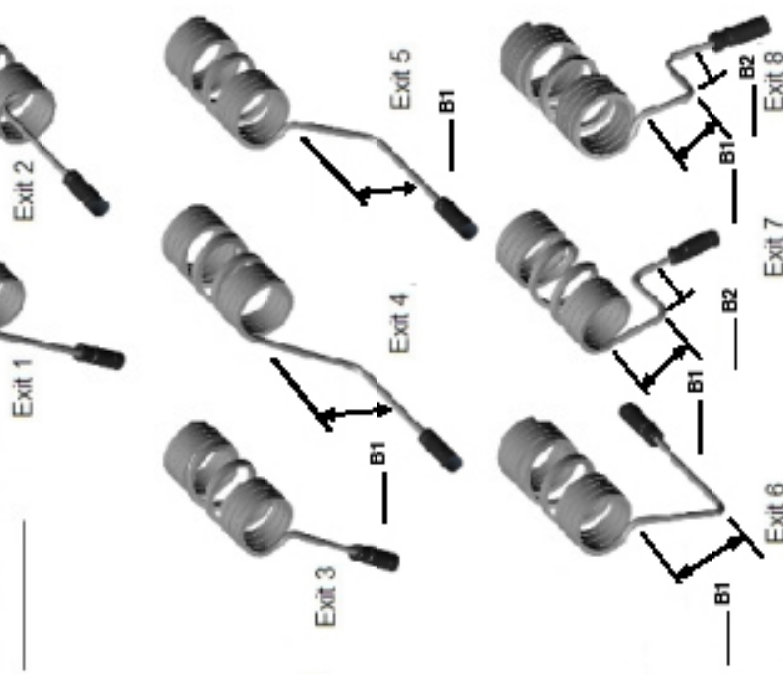
- Fiberglass sleeve
- Nema rated sleeve
- Braided metal sleeve
- Armor cable
- Gas proof armor cable

Lead Protection Options (check one):

Quantity: _____

Exit Style Options

Enter a number for desired exit style (1 - 8):



Quote turn around:
24 hours with completed template

Phone: 800-521-0546

Fax: 800-505-3299

E-mail: customcomponents@pcs-company.com

COMPANY _____

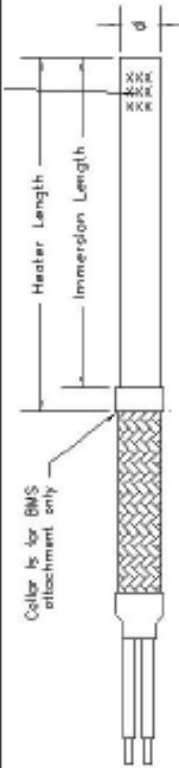
PHONE _____ FAX _____

CONTACT _____

DATE _____

E-MAIL _____

Made to order - Cartridge Heater RFQ Form



Outside Diameter: _____

Bore Size: _____

Overall Heater Length: _____

Immersed Length: _____

Rated Wattage: _____

Rated Voltage: _____

Heater Operating Temperature (°F): _____

Shutdown or Moisture Environment: Yes No

Lead Length: _____

Ground Wires: Yes No

Quantity: _____

Lead Type - Choose one

Fiberglass (Standard)

Fiberglass (High Temp)

Silicone

Silicone Cable

Teflon

Teflon High Amp

Potting Options - Choose one

Ceramic

Epoxy

Teflon Plug

Silicone

Silicone (High Temp)

Lead Protection

Fiberglass Sleeve

Braided Metal Sleeve

Armored Cable

Gas Proof Cable

Exit and Removal - Optional

Right Angle Exit

Right Angle Block

Flange

Knockout Tab

Anti-Seize Coating

NPT Fitting

Thermocouple - Optional

J

K

None

Thermocouple Location - Optional

Tip

Middle

COMPANY _____

CONTACT _____

E-MAIL _____

ADDRESS _____

CITY, ST. ZIP _____

PHONE _____

FAX _____

DATE _____

Note: Quote turnaround time is approximately 24 hours with completed template

Phone: 800-521-0546

Fax: 800-505-3299

E-mail: customcomponents@pcs-company.com

Cartridge Heater Quote Form 10/05/05