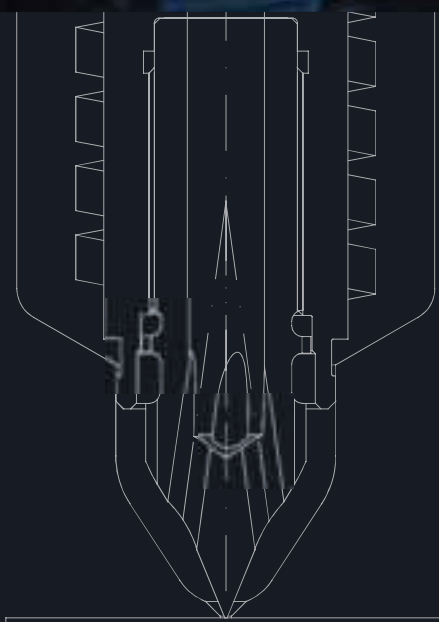




CATALOG OF PRODUCTS | Cartella dei Prodotti



**polimold**  
INDUSTRIAL S.A.

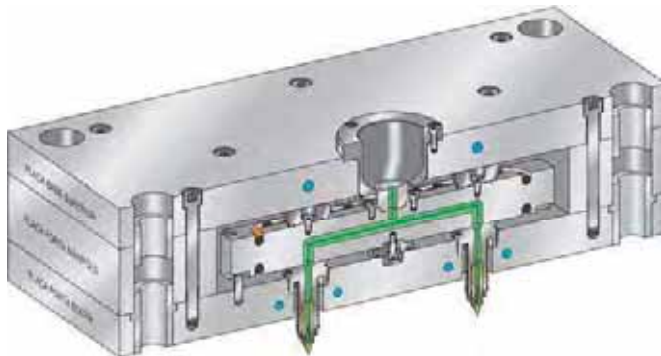
## HOT RUNNER SYSTEM TYPES

Polimold hot runner systems are provided in three different types, all supplied with standardized components. We offer to our clients a complete line, with high-quality and technology products under replacement warranty.



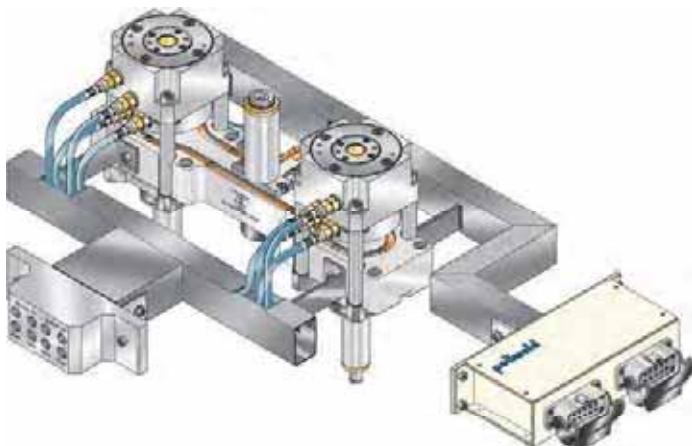
### NOZZLES FOR INJECTION MOLDING MACHINES

- Avoid cool channels use
- Reduced injection cycle
- Production increased
- High quality of finished products
- Minimal vestiges at feed point (gate)



### MANIFOLDS SYSTEMS

- High-speed flow
- Reduced pressure level
- Tension-free material
- Easy to process material molding
- Improve flow balance to the cavities
- Fast cycles
- Saving material
- Thermal homogeneity of the plastic resin
- Easy to change colors
- Diversity of standard nozzle and tips.
- Standard Manifolds



### VALVE GATE SYSTEMS

- Easy injection flow
- Minimal vestiges at feed point (gate)
- Ideal to inject parts with different volumetric mass at the same mold
- Product welding line free (cool line)
- Molded piece with lower shearing with a high-quality product

## POLIMAX LINE

SPRUE GATE TIP  
STANDARD/EXTENDED

Provides low resistance to flow and producing excellent flow rate, it is mostly appropriate to resins. Designed with extra material is the perfect solution to those where vestiges are allowed, mainly to over-groove injection applications.



RING GATE TIP / EXTENDED

Ideal for resins with high viscosity, engineering plastics, providing excellent seal flow gate at the tip area with vestige with complete residues control. It was excellent abrasive resistance, assuring good results with commodities or engineering resins.



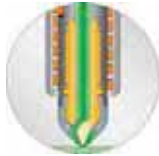
POINT GATE TIP

Suitable for high viscosity resins, engineering plastics and other applications that the gate requires excellent appearance and minimal vestiges. It has two point tips: standard and abrasive resistant, that specially appropriate for filled or materials abrasive fibers.

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**POLIFAST LINE**


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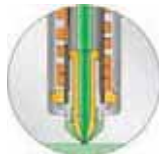
STANDARD TIP- 25 SERIES

Designed to molds for large-scale production, provides low heat transfer molding to the part surface. It is mostly used for the flip-tops that inner injection made by the internal side of the part, also indicated to injection points next to product nervure.



STANDARD TIP - 50 SERIES

Designed to molds for large-scale production, provides low heat transfer molding to the part surface. It is mostly used for the flip-tops that inner injection made by the internal side of the part, also indicated to injection points next to product nervure.



THRU HOLE TIP

Excellent option to molds that requires large-scale production molding PEHD resin. Made of material with excellent thermal transfer, it avoids solidification at the end of the point gate, preventing any injection process breakdown.



STANDARD EXTENDED TIP

Designed to molds for large-scale production, provides low heat transfer molding to the part surface. It is mostly used for the flip-tops that inner injection made by the internal side of the part, also indicated to injection points next to product nervure.



POINT GATE TIP

It is a high performance and compact design for injection of products with engineering plastics, perfect solution to small parts.



THRU HOLE TIP

It is a high performance and compact design for injection of products with engineering plastics, perfect solution to small parts. It avoids solidification at the end of the point gate, preventing injection process breakdown.

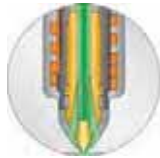
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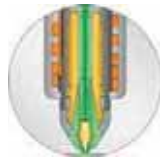
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**POLICOSMETIC LINE**

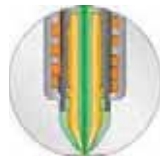

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**STANDARD TIP**

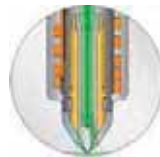
Designed to provides low heat transfer to the part surface is highly secure against possible leaking, perfect to pieces with medium and big plastic volume, made in PP / PELD / ABS / PS.

**SUPER SHARP TIP**

It has low heat transfer to the surface of the part. It is highly secure against possible leaking, and specific to make products with thin thickness and reduced gates.

**THRU HOLE TIP**

Excellent option to molds that requires large-scale production molding PEHD resin. Made of material with excellent thermal transfer, allows heat concentration that comes from the resin in its tip, it avoids solidification at the end of the point gate, preventing injection process breakdown.

**ABRASION RESISTENT**

Designed to provides low heat transfer to the part surface is highly secure against possible leaking. It was excellent abrasive resistance, assuring good results with commodities or engineering resins, it avoids solidification at the end of the point gate.

**MINI TIP**

It is a tip with similar characteristics to all the tips of the COSMETIC line, but with reduced dimensions, used in nozzles with compact dimensions. Perfect to PP/PELD/PS/ABS resins.

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**POLIVALVE LINE**


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**COIL HEATER**


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POINT GATE TIP

Developed to matrix insertion, it allows only the straw passage, making possible a precise closing at the injection point. Designed to offer an imperceptible vestige, it is perfect to pieces which requires excellent appearance and minimal perception of injection point.



RING GATE TIP

It is a tip that requires simple milling and assembling, recommended to products which allow a small double ring or injection on the feeding channel. The tip is assembled parallel to the product figure, facilitating the execution of its pocket. The conic and precise closing of the straw is not made in the matrix, but in the tip, forming an internal and external rings.

---

**TUBULAR HEATER**


---



POINT GATE TIP

Developed to injection of engineering materials, it has a matrix insertion, allowing only the straw passage. Making possible a precise closing of the injection point. Designed to make a sensitive vestige, it is perfect to pieces which requires excellent appearance and minimal perception of the injection point.



RING GATE TIP

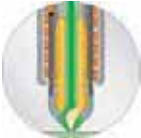
Perfect to injection of engineering materials, its conception requires simple milling and assembling, recommended to products which allow small double ring or injection on the feeding channel. The tip is molded. The tip is assembled parallel to the product figure, facilitating the execution of its pocket. The conic and precise closing of the straw is not made in the matrix, but in the tip, forming an internal and external rings.

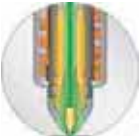
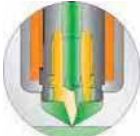


HIGH PERFORMANCE

Specially designed to materials which of plastification range is strict. With a addition of a internal insert made in a high-conduction material keep the plastic mass in controlled temperature, to make easy the process range.

---

| POLIFAST LINE                                                                       |                          |     |     |          |     |    |    |     |    |                 |      |     |     |     |    |     |     |      |     |
|-------------------------------------------------------------------------------------|--------------------------|-----|-----|----------|-----|----|----|-----|----|-----------------|------|-----|-----|-----|----|-----|-----|------|-----|
| COIL HEATER                                                                         |                          |     |     |          |     |    |    |     |    |                 |      |     |     |     |    |     |     |      |     |
| Nozzle                                                                              | Thermoplastic Resin Type |     |     |          |     |    |    |     |    |                 |      |     |     |     |    |     |     |      |     |
|                                                                                     | Amorphoues               |     |     |          |     |    |    |     |    | Semi-Crystaline |      |     |     |     |    |     |     |      |     |
|                                                                                     | SB                       | PUR | PEI | PVC/Flex | SAN | PS | PC | PPO | PE | PP              | PEEK | PPS | PET | PBT | PA | TPE | POM | PMMA | ABS |
|    | ●                        | ●   | ●   | ●        | ●   | ●  | ●  | ●   | ●  | ●               | ●    | ●   | ●   | ●   | ●  | ●   | ●   | ●    | ●   |
| STANDARD TIP - 25 SERIES                                                            |                          |     |     |          |     |    |    |     |    |                 |      |     |     |     |    |     |     |      |     |
|    | ●                        | ●   | ●   | ●        | ●   | ●  | ●  | ●   | ●  | ●               | ●    | ●   | ●   | ●   | ●  | ●   | ●   | ●    | ●   |
| STANDARD TIP - 50 SERIES                                                            |                          |     |     |          |     |    |    |     |    |                 |      |     |     |     |    |     |     |      |     |
|   | ●                        | ●   | ●   | ●        | ●   | ●  | ●  | ●   | ●  | ●               | ●    | ●   | ●   | ●   | ●  | ●   | ●   | ●    | ●   |
| THRU HOLE TIP                                                                       |                          |     |     |          |     |    |    |     |    |                 |      |     |     |     |    |     |     |      |     |
|  | ●                        | ●   | ●   | ●        | ●   | ●  | ●  | ●   | ●  | ●               | ●    | ●   | ●   | ●   | ●  | ●   | ●   | ●    | ●   |
| STANDARD EXTENDED TIP                                                               |                          |     |     |          |     |    |    |     |    |                 |      |     |     |     |    |     |     |      |     |
| TUBULAR HEATER                                                                      |                          |     |     |          |     |    |    |     |    |                 |      |     |     |     |    |     |     |      |     |
| Nozzle                                                                              | Thermoplastic Resin Type |     |     |          |     |    |    |     |    |                 |      |     |     |     |    |     |     |      |     |
|                                                                                     | Amorphoues               |     |     |          |     |    |    |     |    | Semi-Crystaline |      |     |     |     |    |     |     |      |     |
|                                                                                     | SB                       | PUR | PEI | PVC/Flex | SAN | PS | PC | PPO | PE | PP              | PEEK | PPS | PET | PBT | PA | TPE | POM | PMMA | ABS |
|  | ●                        | ●   | ●   | ●        | ●   | ●  | ●  | ●   | ●  | ●               | ●    | ●   | ●   | ●   | ●  | ●   | ●   | ●    | ●   |
| POINT GATE TIP                                                                      |                          |     |     |          |     |    |    |     |    |                 |      |     |     |     |    |     |     |      |     |
|  | ●                        | ●   | ●   | ●        | ●   | ●  | ●  | ●   | ●  | ●               | ●    | ●   | ●   | ●   | ●  | ●   | ●   | ●    | ●   |
| THRU HOLE TIP                                                                       |                          |     |     |          |     |    |    |     |    |                 |      |     |     |     |    |     |     |      |     |
| LABEL:                                                                              |                          |     |     |          |     |    |    |     |    |                 |      |     |     |     |    |     |     |      |     |
| ● Excellent      ● Good      ● Conditioned      ● Not Recommended                   |                          |     |     |          |     |    |    |     |    |                 |      |     |     |     |    |     |     |      |     |

| POLICOSMETIC LINE                                                                                         |                          |     |     |          |     |    |    |     |                  |    |      |     |     |     |    |     |
|-----------------------------------------------------------------------------------------------------------|--------------------------|-----|-----|----------|-----|----|----|-----|------------------|----|------|-----|-----|-----|----|-----|
| COIL HEATER                                                                                               |                          |     |     |          |     |    |    |     |                  |    |      |     |     |     |    |     |
| Nozzle                                                                                                    | Thermoplastic Resin Type |     |     |          |     |    |    |     |                  |    |      |     |     |     |    |     |
|                                                                                                           | Amorphoues               |     |     |          |     |    |    |     | Semi-Crystalline |    |      |     |     |     |    |     |
|                                                                                                           | SB                       | PUR | PEI | PVC/Flex | SAN | PS | PC | PPO | PE               | PP | PEEK | PPS | PET | PBT | PA | TPE |
| <br>STANDARD TIP         | ●                        | ●   | ●   | ●        | ●   | ●  | ●  | ●   | ●                | ●  | ●    | ●   | ●   | ●   | ●  | ●   |
| <br>SUPER SHARP TIP      | ●                        | ●   | ●   | ●        | ●   | ●  | ●  | ●   | ●                | ●  | ●    | ●   | ●   | ●   | ●  | ●   |
| <br>THRU HOLE TIP       | ●                        | ●   | ●   | ●        | ●   | ●  | ●  | ●   | ●                | ●  | ●    | ●   | ●   | ●   | ●  | ●   |
| <br>ABRASION RESISTANT | ●                        | ●   | ●   | ●        | ●   | ●  | ●  | ●   | ●                | ●  | ●    | ●   | ●   | ●   | ●  | ●   |
| <br>MINI TIP           | ●                        | ●   | ●   | ●        | ●   | ●  | ●  | ●   | ●                | ●  | ●    | ●   | ●   | ●   | ●  | ●   |
| TUBULAR HEATER                                                                                            |                          |     |     |          |     |    |    |     |                  |    |      |     |     |     |    |     |
| Nozzle                                                                                                    | Thermoplastic Resin Type |     |     |          |     |    |    |     |                  |    |      |     |     |     |    |     |
|                                                                                                           | Amorphoues               |     |     |          |     |    |    |     | Semi-Crystalline |    |      |     |     |     |    |     |
|                                                                                                           | SB                       | PUR | PEI | PVC/Flex | SAN | PS | PC | PPO | PE               | PP | PEEK | PPS | PET | PBT | PA | TPE |
| <br>STANDARD TIP       | ●                        | ●   | ●   | ●        | ●   | ●  | ●  | ●   | ●                | ●  | ●    | ●   | ●   | ●   | ●  | ●   |

LABEL:

● Excellent

● Good

● Conditioned

● Not Recommended

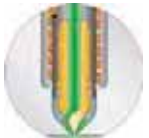
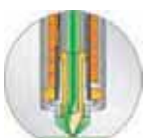


● Excellent
 ● Good
 ● Conditioned
 ● Not Recommended

| POLIVALVE LINE                                                                      |                                                                              |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| COIL HEATER                                                                         |                                                                              |
| Nozzle                                                                              | Thermoplastic Resin Type                                                     |
|                                                                                     | Amorphoues   Semi-Crystalline                                                |
|                                                                                     | SB PUR PEI PVC/Flex SAN PS PC PPO PE PP PEEK PPS PET PBT PA TPE POM PMMA ABS |
|    | ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●                                        |
| POINT GATE TIP                                                                      |                                                                              |
|    | ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●                                        |
| RING GATE TIP                                                                       |                                                                              |
| TUBULAR HEATER                                                                      |                                                                              |
| Nozzle                                                                              | Thermoplastic Resin Type                                                     |
|                                                                                     | Amorphoues   Semi-Crystalline                                                |
|                                                                                     | SB PUR PEI PVC/Flex SAN PS PC PPO PE PP PEEK PPS PET PBT PA TPE POM PMMA ABS |
|  | ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●                                        |
| POINT GATE TIP                                                                      |                                                                              |
|  | ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●                                        |
| RING GATE TIP                                                                       |                                                                              |
|  | ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●                                        |
| HIGH PERFORMANCE                                                                    |                                                                              |
| LABEL:                                                                              |                                                                              |
| ● Excellent                                                                         | ● Good ● Conditioned ● Not Recommended                                       |

The table below is based on the evaluation of standard values got through software simulation, considering process and product variables on average basis. Therefore, it is advisable having such data evaluation provided by expert people who support you at choosing the most appropriate nozzle.

Any queries should be submitted to Polimold Engineering Department.

| POLIFAST LINE                                                                                                  |           |           |            |            |            |             |        |
|----------------------------------------------------------------------------------------------------------------|-----------|-----------|------------|------------|------------|-------------|--------|
| Maximum load weight in grams with maximum hole diameters                                                       |           |           |            |            |            |             |        |
| Nozzle                                                                                                         | 25 Series | 50 Series | 200 Series | 500 Series | 800 Series | 1000 Series | Fluid  |
| <br>STANDARD TIP - 25 SERIES  | 35        | ---       | ---        | ---        | ---        | ---         | High   |
|                                                                                                                | 15        | ---       | ---        | ---        | ---        | ---         | Medium |
|                                                                                                                | 8         | ---       | ---        | ---        | ---        | ---         | Low    |
| <br>STANDARD TIP - 50 SERIES | ---       | 70        | ---        | ---        | ---        | ---         | High   |
|                                                                                                                | ---       | 35        | ---        | ---        | ---        | ---         | Medium |
|                                                                                                                | ---       | 17        | ---        | ---        | ---        | ---         | Low    |
| <br>THRU HOLE TIP           | ---       | 55        | ---        | ---        | ---        | ---         | High   |
|                                                                                                                | ---       | 30        | ---        | ---        | ---        | ---         | Medium |
|                                                                                                                | ---       | 12        | ---        | ---        | ---        | ---         | Low    |
| <br>STANDARD EXTENDED TIP   | ---       | 100       | ---        | ---        | ---        | ---         | High   |
|                                                                                                                | ---       | 40        | ---        | ---        | ---        | ---         | Medium |
|                                                                                                                | ---       | 15        | ---        | ---        | ---        | ---         | Low    |
| <br>POINT GATE TIP          | ---       | 80        | ---        | ---        | ---        | ---         | High   |
|                                                                                                                | ---       | 40        | ---        | ---        | ---        | ---         | Medium |
|                                                                                                                | ---       | 20        | ---        | ---        | ---        | ---         | Low    |
| <br>THRU HOLE TIP           | ---       | 120       | ---        | ---        | ---        | ---         | High   |
|                                                                                                                | ---       | 60        | ---        | ---        | ---        | ---         | Medium |
|                                                                                                                | ---       | 30        | ---        | ---        | ---        | ---         | Low    |

| POLICOSMETIC LINE                                                                                         |           |           |            |            |            |             |        |
|-----------------------------------------------------------------------------------------------------------|-----------|-----------|------------|------------|------------|-------------|--------|
| Maximum load weight in grams with maximum hole diameters                                                  |           |           |            |            |            |             |        |
| Nozzle                                                                                                    | 25 Series | 50 Series | 200 Series | 500 Series | 800 Series | 1000 Series | Fluid  |
| <br>STANDARD TIP         | ---       | ---       | 300        | 750        | 1500       | 2000        | High   |
|                                                                                                           | ---       | ---       | 200        | 500        | 750        | 1000        | Medium |
|                                                                                                           | ---       | ---       | 100        | 250        | 350        | 400         | Low    |
| <br>SUPER SHARP TIP      | ---       | ---       | 300        | 750        | 1500       | 2000        | High   |
|                                                                                                           | ---       | ---       | 200        | 500        | 750        | 1000        | Medium |
|                                                                                                           | ---       | ---       | 100        | 250        | 350        | 400         | Low    |
| <br>THRU HOLE TIP        | ---       | ---       | 460        | 1150       | 1725       | 2300        | High   |
|                                                                                                           | ---       | ---       | 230        | 575        | 405        | 460         | Medium |
|                                                                                                           | ---       | ---       | 115        | 285        | 405        | 460         | Low    |
| <br>ABRASION RESISTANT | ---       | ---       | 300        | 750        | 1500       | 2000        | High   |
|                                                                                                           | ---       | ---       | 200        | 500        | 750        | 1000        | Medium |
|                                                                                                           | ---       | ---       | 100        | 250        | 350        | 400         | Low    |
| <br>MINI TIP           | ---       | ---       | 280        | ---        | ---        | ---         | High   |
|                                                                                                           | ---       | ---       | 140        | ---        | ---        | ---         | Medium |
|                                                                                                           | ---       | ---       | 70         | ---        | ---        | ---         | Low    |

### POLIMAX LINE

Maximum load weight in grams with maximum hole diameters

| Nozzle                                                                                                                     | 25 Series | 50 Series | 200 Series | 500 Series | 800 Series | 1000 Series | Fluid  |
|----------------------------------------------------------------------------------------------------------------------------|-----------|-----------|------------|------------|------------|-------------|--------|
| <br>SPRUE GATE TIP<br>STANDARD / EXTENDED | ---       | 140       | 800        | 1400       | 2000       | 3000        | High   |
|                                                                                                                            | ---       | 70        | 400        | 700        | 1000       | 1500        | Medium |
|                                                                                                                            | ---       | 35        | 200        | 300        | 450        | 1000        | Low    |
| <br>RING GATE TIP / EXTENDED              | ---       | ---       | 210        | 980        | 1400       | 2100        | High   |
|                                                                                                                            | ---       | ---       | 105        | 490        | 700        | 1050        | Medium |
|                                                                                                                            | ---       | ---       | 52         | 210        | 315        | 700         | Low    |
| <br>POINT GATE TIP                        | ---       | ---       | 210        | 980        | 1400       | 2100        | High   |
|                                                                                                                            | ---       | ---       | 105        | 490        | 700        | 1050        | Medium |
|                                                                                                                            | ---       | ---       | 52         | 210        | 315        | 700         | Low    |

### POLIVALVE LINE

Maximum load weight in grams with maximum hole diameters

| Nozzle                                                                                                      | 25 Series | 50 Series | 200 Series | 500 Series | 800 Series | 1000 Series | Fluid  |
|-------------------------------------------------------------------------------------------------------------|-----------|-----------|------------|------------|------------|-------------|--------|
| <br>POINT GATE TIP       | ---       | 400       | 800        | 2400       | 4800       | 7200        | High   |
|                                                                                                             | ---       | 200       | 400        | 1600       | 3200       | 4800        | Medium |
|                                                                                                             | ---       | 120       | 200        | 1200       | 2400       | 3200        | Low    |
| <br>RING GATE TIP        | ---       | 800       | 1600       | 3200       | 6400       | 8000        | High   |
|                                                                                                             | ---       | 600       | 1200       | 2400       | 4800       | 6400        | Medium |
|                                                                                                             | ---       | 400       | 800        | 1600       | 3200       | 4800        | Low    |
| <br>HIGH PERFORMANCE TIP | ---       | 600       | 1200       | 2800       | 5600       | 6800        | High   |
|                                                                                                             | ---       | 400       | 800        | 2000       | 4000       | 5600        | Medium |
|                                                                                                             | ---       | 260       | 500        | 1200       | 2800       | 4000        | Low    |

## Process Conditions for Plastics Material

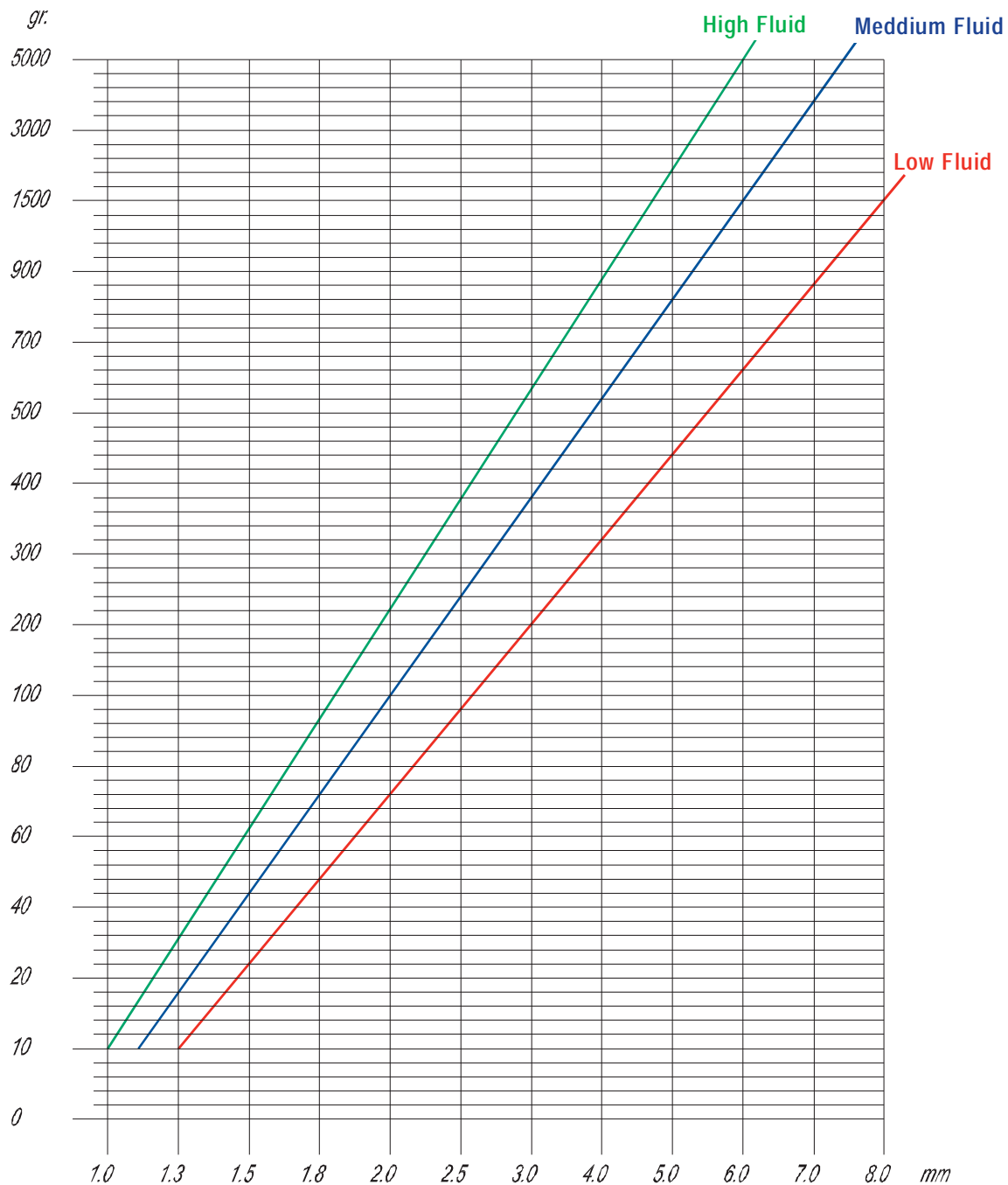
| MATERIAL                            | STANDARD RESIN SYMBOL | PROCESS TEMPERATURE [°C] | MOLD TEMPERATURE [°C] | HOT RUNNER TEMPERATURE [°C] | DENSITY MELTING [g/cm <sup>3</sup> ] | SOLID DENSITY [g/cm <sup>3</sup> ] |
|-------------------------------------|-----------------------|--------------------------|-----------------------|-----------------------------|--------------------------------------|------------------------------------|
| Styrene Butadiene                   | SB                    | 210                      | 70                    | 230                         | 0,93                                 | 1,02                               |
| Poliuretane                         | PUR                   | 220                      | 45                    | 240                         | 0,93                                 | 1,11                               |
| Polyetherimide                      | PEI                   | 400                      | 120                   | 430                         | 1,12                                 | 1,29                               |
| Poly (Vinil Chloride)               | PVC/Flex              | 175                      | 35                    | 200                         | 1,02                                 | 1,38                               |
| Styrene/acrylonitrile               | SAN                   | 230                      | 80                    | 255                         | 0,99                                 | 1,08                               |
| Polystyrene                         | PS                    | 210                      | 45                    | 230                         | 0,95                                 | 1,05                               |
| Polycarbonate                       | PC                    | 300                      | 80                    | 330                         | 1,08                                 | 1,20                               |
| Polyphenylene Oxide-Styrene         | PPO                   | 260                      | 80                    | 300                         | 0,99                                 | 1,13                               |
| Polyethylene                        | PE                    | 200                      | 25                    | 225                         | 0,74                                 | 0,96                               |
| Polypropylene                       | PP                    | 225                      | 40                    | 245                         | 0,73                                 | 0,91                               |
| Polyether-etherketone               | PEEK                  | 330                      | 165                   | 370                         | 1,13                                 | 1,37                               |
| Poly (phenylene sulfide)            | PPS                   | 300                      | 110                   | 330                         | 1,53                                 | 1,70                               |
| Polyethylene terephthalate          | PET                   | 250                      | 140                   | 280                         | 1,17                                 | 1,40                               |
| Polybutylene terephthalate          | PBT                   | 265                      | 60                    | 290                         | 1,44                                 | 1,57                               |
| 6 Polyamide                         | PA 6                  | 220                      | 90                    | 250                         | 0,98                                 | 1,14                               |
| 66 Polyamide                        | PA 6.6                | 255                      | 90                    | 280                         | 1,09                                 | 1,26                               |
| Thermal Plastic Elastomers          | TPE                   | 240                      | 35                    | 265                         | 0,78                                 | 0,90                               |
| Poly (Oxymethylene)<br>(Polyacetal) | POM                   | 180                      | 100                   | 200                         | 1,16                                 | 1,42                               |
| Poly (methyl methacrylate)          | PMMA                  | 235                      | 70                    | 250                         | 1,09                                 | 1,18                               |
| Acrylonitrile Butadiene Styrene     | ABS                   | 225                      | 70                    | 250                         | 0,95                                 | 1,08                               |

## FLOW RATE

| High Fluid | Medium Fluid |        | Low Fluid |     |
|------------|--------------|--------|-----------|-----|
| SB         | ABS          |        | PVC/Flex  |     |
| PS         | SAN          | PA 6   | PEI       | PC  |
| PE         | PPO          | PA 6.6 | TPE       | PBT |
| PP         | PPS          | POM    | PEEK      | PUR |
|            | PET          | PMMA   |           |     |



The gate size (gate point) may vary according to the resin flow to be used and the product weight. To make it easy, please, see the chart below, matching the resin with product weight to be molded.



NOTE: This chart is only for guide purpose. Other factors should be considered to decide the gate such as:

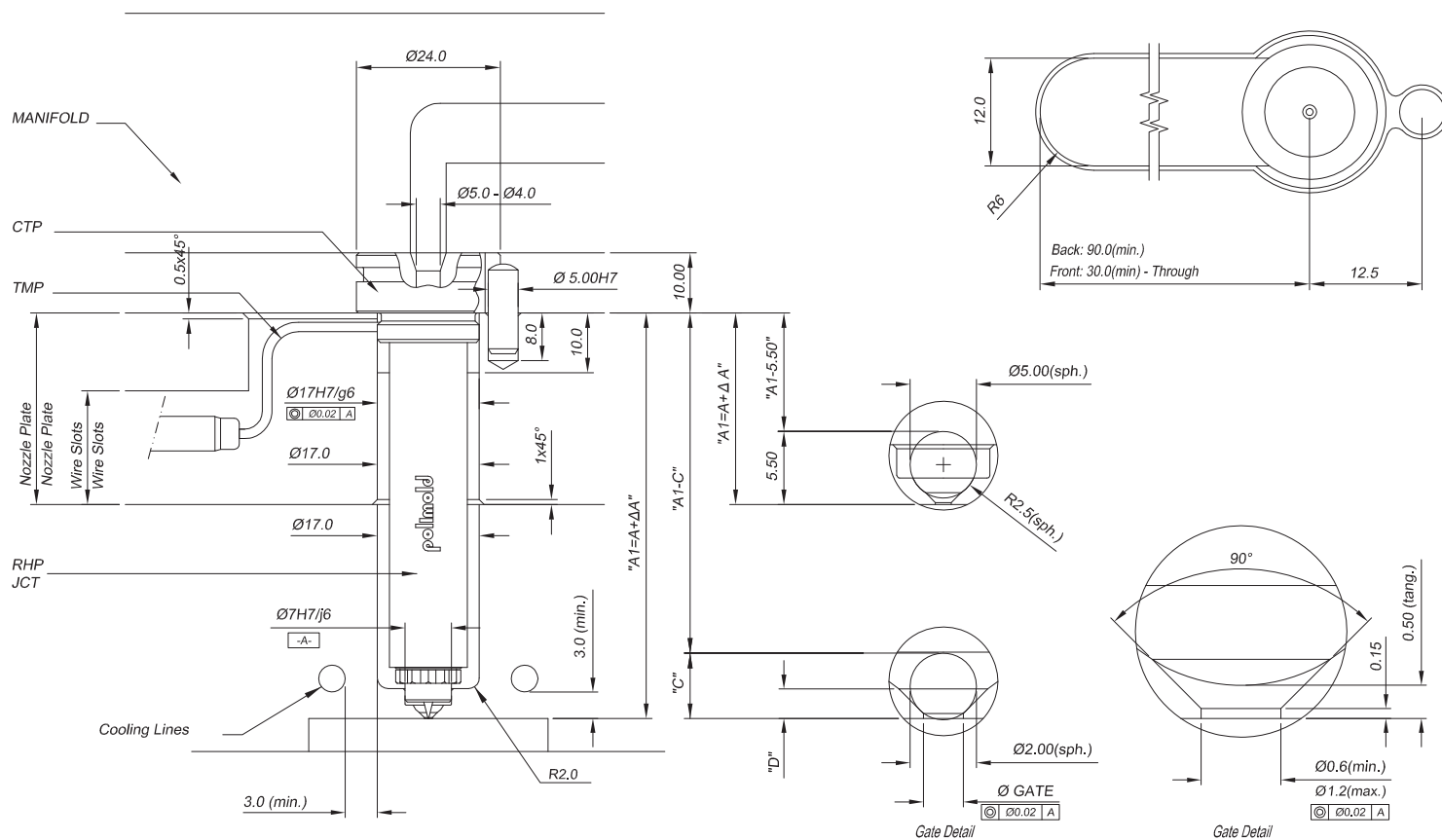
- Product geometry
- Polymer type
- Mold and injection machine conditions

# Series 25

Fastmax Line

High Cavitation Injection Standard

polimold  
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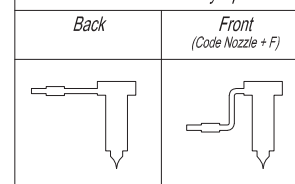


Nozzle Assembly Specification

|                               | Code Nozzle | Dimension "A" | Components  |           |          |         |
|-------------------------------|-------------|---------------|-------------|-----------|----------|---------|
|                               |             |               | Body Nozzle | Heater    | Jacket   | Wattage |
|                               |             |               |             |           |          |         |
| Heater Cables Assembly Option | Back        | BTX04045-D    | CTM04045-D  | RHP04033  | JCT04051 | 130W    |
|                               |             | BTX04055-D    | CTM04055-D  | RHP04043  | JCT04051 | 130W    |
|                               |             | BTX04070-D    | CTM04070-D  | RHP04058  | JCT04101 | 190W    |
|                               |             | BTX04095-D    | CTM04095-D  | RHP04083  | JCT04101 | 250W    |
|                               |             | BTX04120-D    | CTM04120-D  | RHP04108  | JCT04101 | 330W    |
|                               |             | BTX04146-D    | CTM04146-D  | RHP04134  | JCT04101 | 330W    |
|                               |             | BTX04170-D    | CTM04170-D  | RHP04158  | JCT04101 | 400W    |
|                               |             | BTX04195-D    | CTM04195-D  | RHP04183  | JCT04101 | 400W    |
|                               | Front       | BTX04045F-D   | CTM04045-D  | RHP04033F | JCT04051 | 130W    |
|                               |             | BTX04055F-D   | CTM04055-D  | RHP04043F | JCT04051 | 130W    |
|                               |             | BTX04070F-D   | CTM04070-D  | RHP04058F | JCT04101 | 190W    |
|                               |             | BTX04095F-D   | CTM04095-D  | RHP04083F | JCT04101 | 250W    |
|                               |             | BTX04120F-D   | CTM04120-D  | RHP04108F | JCT04101 | 330W    |
|                               |             | BTX04146F-D   | CTM04146-D  | RHP04134F | JCT04101 | 330W    |
|                               |             | BTX04170F-D   | CTM04170-D  | RHP04158F | JCT04101 | 400W    |
|                               |             | BTX04195F-D   | CTM04195-D  | RHP04183F | JCT04101 | 400W    |

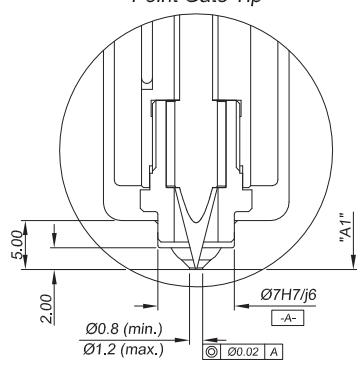
| Diameter "Gate" | Dimension "C" | Dimension "D" |
|-----------------|---------------|---------------|
| Ø0.6            | 2.26          | 0.62          |
| Ø0.8            | 2.16          | 0.68          |
| Ø1.0            | 2.06          | 0.76          |
| Ø1.2            | 1.96          | 0.89          |

Heater Cables Assembly Option

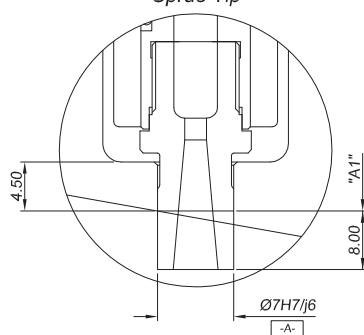


## Tip Options

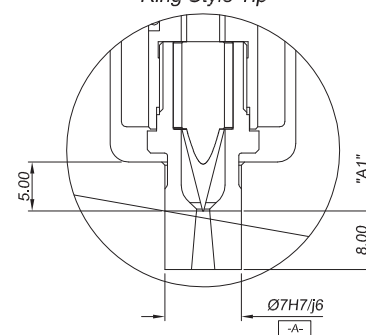
Point Gate Tip



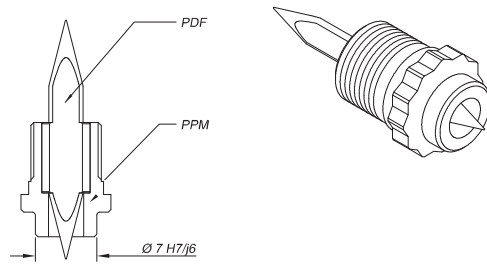
Sprue Tip



Ring Style Tip

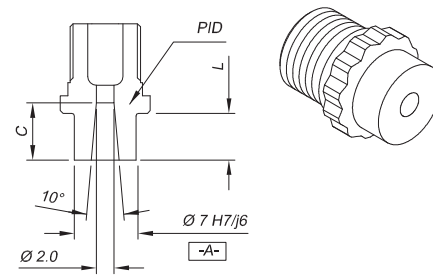


### Point Gate Tip



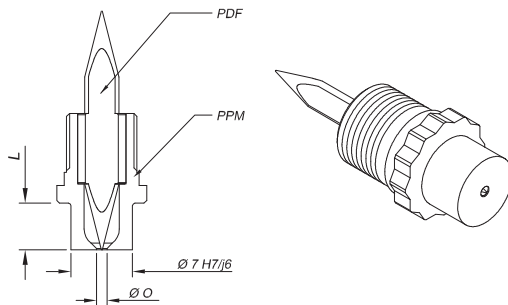
| Tip        | Tip Components |            |                  |
|------------|----------------|------------|------------------|
|            | Needle         | Flange     | Material         |
| PVM05015-A | PDF05808-A     | PPM05403-A | * STANDARD       |
| PVM05016-A | PDF05809-A     | PPM05403-A | * WEAR RESISTANT |

### Sprue Tip



| Tip        | Tip Dimension |               |
|------------|---------------|---------------|
|            | Dimension "L" | Dimension "C" |
| PID05003-A | 5.30          | 6.50          |
| PID05004-A | 13.30         | 14.50         |

### Ring Style Tip



| Tip Dimension |                |            |                  |               |               |
|---------------|----------------|------------|------------------|---------------|---------------|
| Tip           | Tip Components |            | Material         | Dimension "O" | Dimension "L" |
|               | Needle         | Body       |                  |               |               |
| PMA05001-A    | PDF05808-A     | PPM05603-A | * STANDARD       | 0.80          | 5.30          |
| PMA05002-A    |                | PPM05604-A |                  | 1.20          |               |
| PMA05003-A    |                | PPM05605-A |                  | 0.80          | 13.30         |
| PMA05004-A    |                | PPM05606-A |                  | 1.20          |               |
| PMA05005-A    | PDF05809-A     | PPM05603-A | * WEAR RESISTANT | 0.80          | 5.30          |
| PMA05006-A    |                | PPM05604-A |                  | 1.20          |               |
| PMA05007-A    |                | PPM05605-A |                  | 0.80          | 13.30         |
| PMA05008-A    |                | PPM05606-A |                  | 1.20          |               |

### High Cavitation Injection Standard

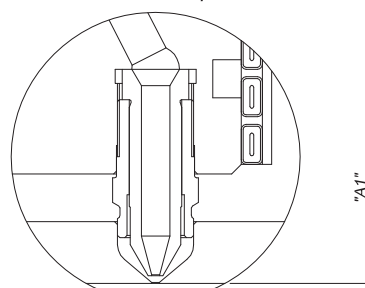


### Tip Assembly - Quantity of Tips

*Heater Cables Assembly Option*

| <i>Diameter<br/>"Gate"</i> | <i>Dimension<br/>"B"</i> |
|----------------------------|--------------------------|
|----------------------------|--------------------------|

### Tip Options

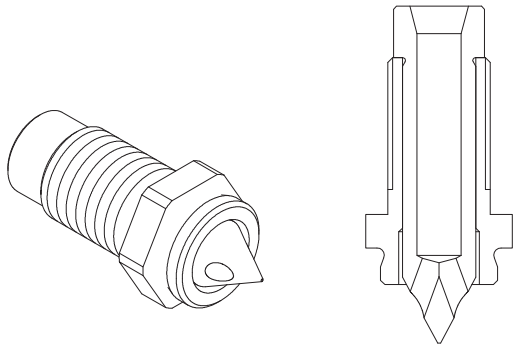


Series 200 & 500

Multi Point Line

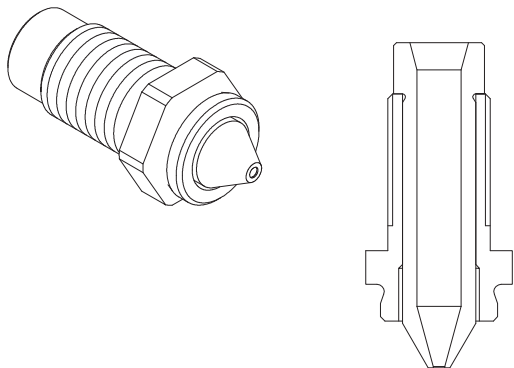
Tips

Standard Tip



| Tip         | Tip Components |             |                  |
|-------------|----------------|-------------|------------------|
|             | Needle         | Flange      | Material         |
| PVM04001M-A | PDF04801M-A    | PPM04401M-A | STANDARD         |
| PVM04004M-A | PDF04501M-A    | PPM04401M-A | High Performance |

Thru Hole Tip



| Tip         | Tip Components |             |                  |
|-------------|----------------|-------------|------------------|
|             | Needle         | Flange      | Material         |
| PVM04003M-A | PDF04806M-A    | PPM04401M-A | STANDARD         |
| PVM04006M-A | PDF04506M-A    | PPM04401M-A | High Performance |

# Series 200

Policosmetic Line

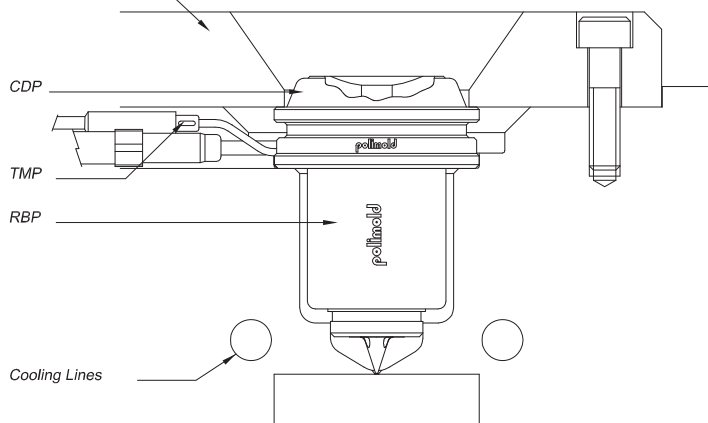
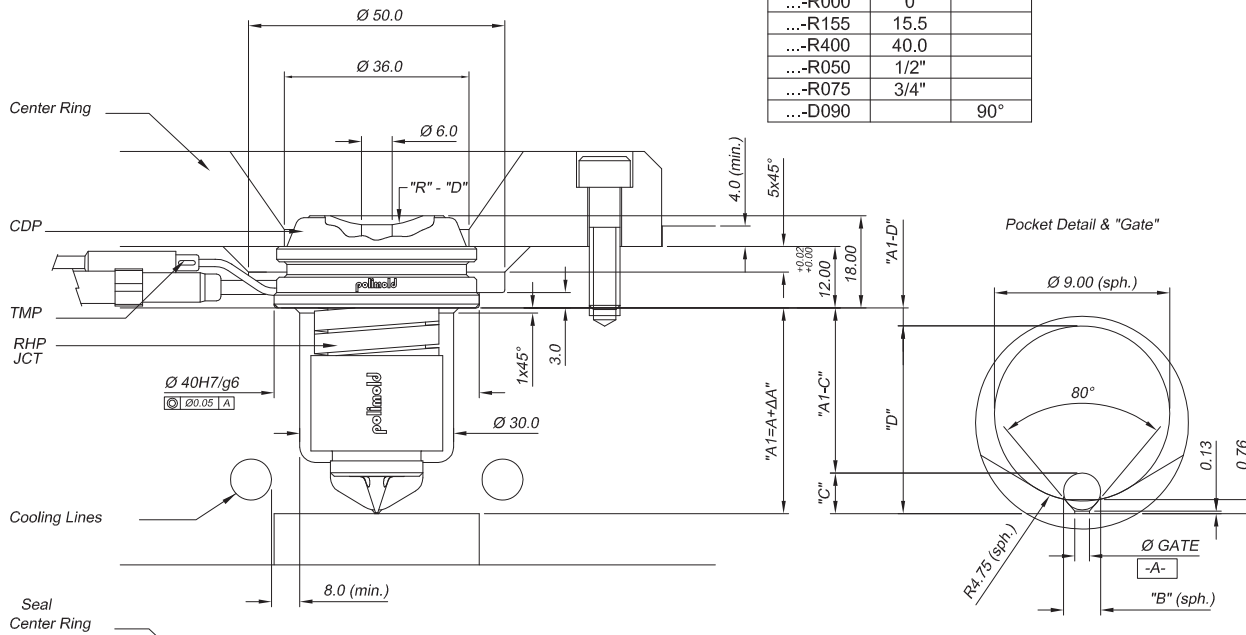
Direct Injection Standard

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INDUSTRIAL S.A.

| Code Coupling | Dimension "R" | Dimension "D" |
|---------------|---------------|---------------|
| ...-R000      | 0             |               |
| ...-R155      | 15.5          |               |
| ...-R400      | 40.0          |               |
| ...-R050      | 1/2"          |               |
| ...-R075      | 3/4"          |               |
| ...-D090      |               | 90°           |

Ex: HDP06035F-R400

(SPHERICAL RADIUS 40mm)



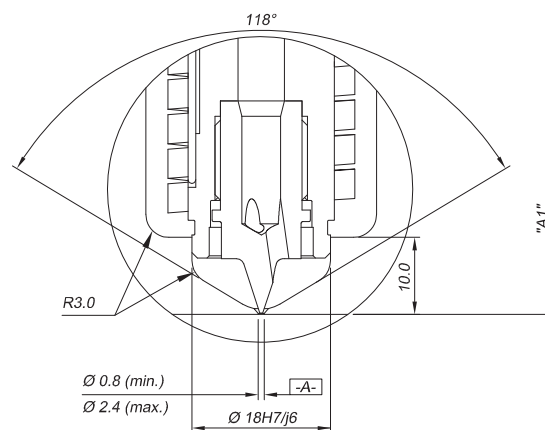
Nozzle Assembly Specification Components

| Code Nozzle     | Dimension "A" | Components  |          |          |         |              |
|-----------------|---------------|-------------|----------|----------|---------|--------------|
|                 |               | Body Nozzle | Heater   | Jacket   | Wattage | Thermocouple |
| HDP06035-A-R... | 35.00         | CDP06035-A  | RHP06029 | JCT06030 | 215W    | TMP01080     |
| BDP06035-A-R... | 35.00         | CDP06035-A  | RBP06030 | ---      | 260W    | TMP01080     |

| Diameter "Gate" | Dimension "B" | Dimension "C" | Dimension "D" |
|-----------------|---------------|---------------|---------------|
| Ø0.8            | Ø2.00         | 2.21          | 9.66          |
| Ø1.0            |               | 2.09          | 9.64          |
| Ø1.2            |               | 1.97          | 9.62          |
| Ø1.4            |               | 3.13          | 9.59          |
| Ø1.6            | Ø3.00         | 3.01          | 9.56          |
| Ø1.8            |               | 2.89          | 9.53          |
| Ø2.0            |               | 4.05          | 9.49          |
| Ø2.2            | Ø4.00         | 3.93          | 9.45          |
| Ø2.4            |               | 3.81          | 9.41          |

## Tip Options

Point Gate Tip

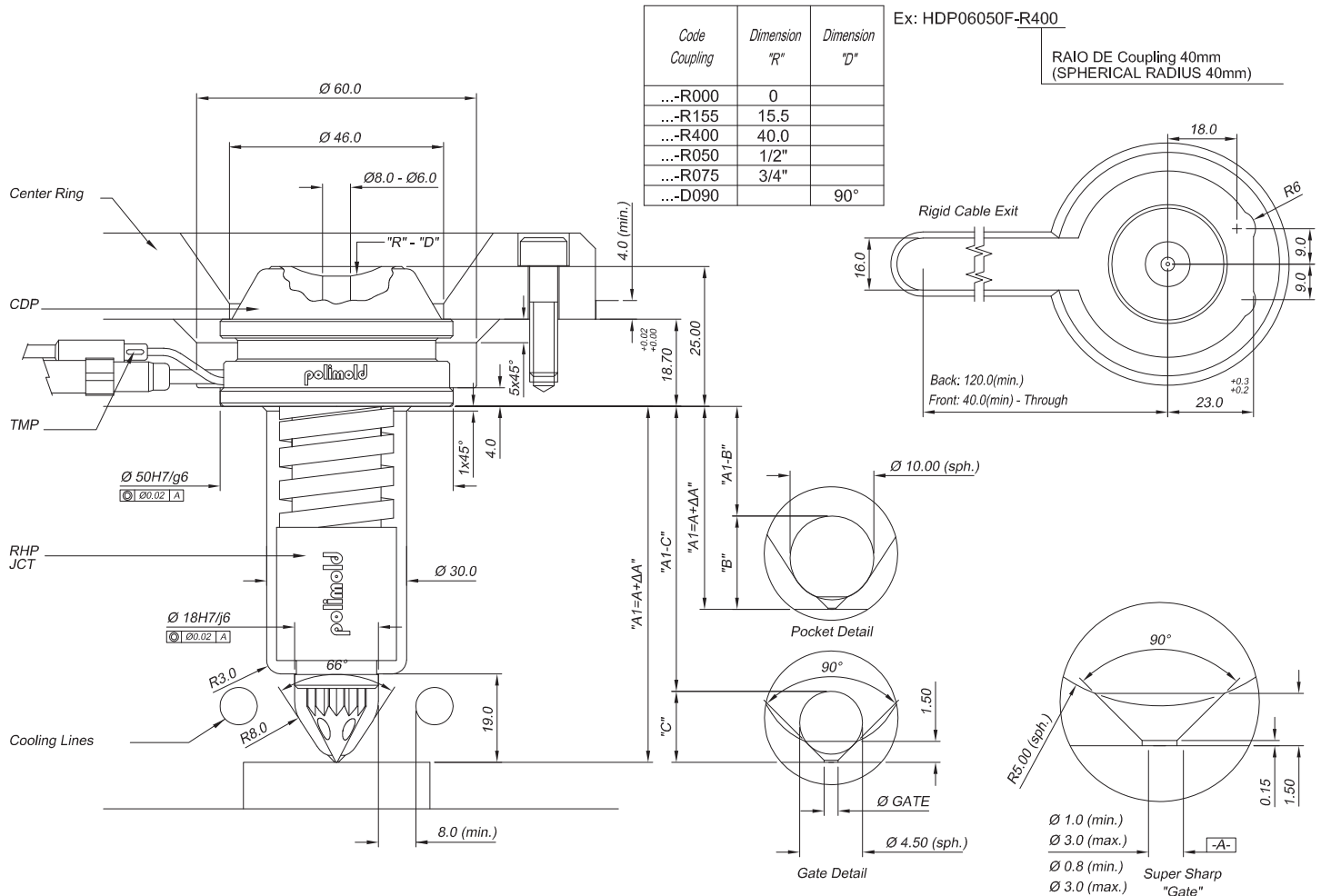


# Series 200

Policosmetic Line

Direct Injection Standard

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| Nozzle Assembly Specification Components |               |             |          |          |         |              |
|------------------------------------------|---------------|-------------|----------|----------|---------|--------------|
| Code Nozzle                              | Dimension "A" | Components  |          |          |         |              |
|                                          |               | Body Nozzle | Heater   | Jacket   | Wattage | Thermocouple |
| HDP06050-A-R...                          | 50.00         | CDP06050-A  | RHP06036 | JCT06030 | 260W    | TMP01080     |
| HDP06062-A-R...                          | 62.50         | CDP06062-A  | RHP06049 | JCT06051 | 350W    | TMP01100     |
| HDP06075-A-R...                          | 75.00         | CDP06075-A  | RHP06062 | JCT06051 | 400W    | TMP01120     |
| HDP06087-A-R...                          | 87.50         | CDP06087-A  | RHP06075 | JCT06051 | 460W    | TMP01140     |
| HDP06100-A-R...                          | 100.00        | CDP06100-A  | RHP06087 | JCT06051 | 460W    | TMP01160     |
| HDP06125-A-R...                          | 125.00        | CDP06125-A  | RHP06113 | JCT06101 | 610W    | TMP01180     |
| HDP06150-A-R...                          | 150.00        | CDP06150-A  | RHP06138 | JCT06101 | 610W    | TMP01200     |
| HDP06175-A-R...                          | 175.00        | CDP06175-A  | RHP06163 | JCT06101 | 760W    | TMP01220     |
| HDP06200-A-R...                          | 200.00        | CDP06200-A  | RHP06188 | JCT06101 | 760W    | TMP01240     |
| HDP06225-A-R...                          | 225.00        | CDP06225-A  | RHP06213 | JCT06101 | 850W    | TMP01260     |
| HDP06250-A-R...                          | 250.00        | CDP06250-A  | RHP06238 | JCT06101 | 850W    | TMP01280     |

| Diameter "Gate" | Dimension "B" | Dimension "C" |
|-----------------|---------------|---------------|
| Ø0.8            | 11.18         | 5.18          |
| Ø1.0            | 11.15         | 5.08          |
| Ø1.2            | 11.10         | 4.98          |
| Ø1.4            | 11.06         | 4.88          |
| Ø1.6            | 11.01         | 4.78          |
| Ø1.8            | 10.97         | 4.68          |
| Ø2.0            | 10.91         | 4.58          |
| Ø2.2            | 10.86         | 4.48          |
| Ø2.4            | 10.80         | 4.38          |
| Ø2.6            | 10.74         | 4.28          |
| Ø2.8            | 10.68         | 4.18          |
| Ø3.0            | 10.61         | 4.08          |

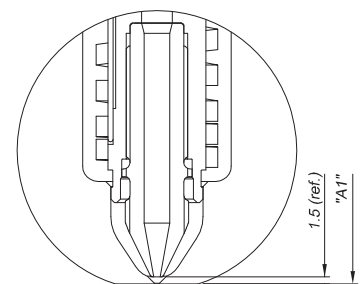
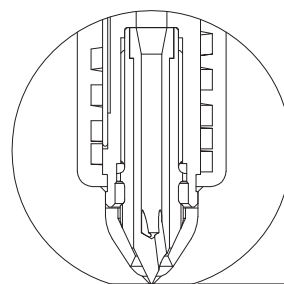
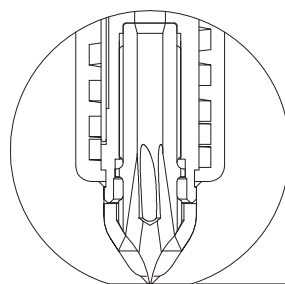
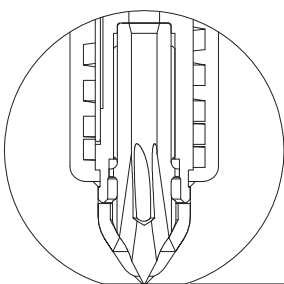
## Tip Options

Standard Tip

Super Sharp Tip

Abrasion Resistant

Thru Hole Tip

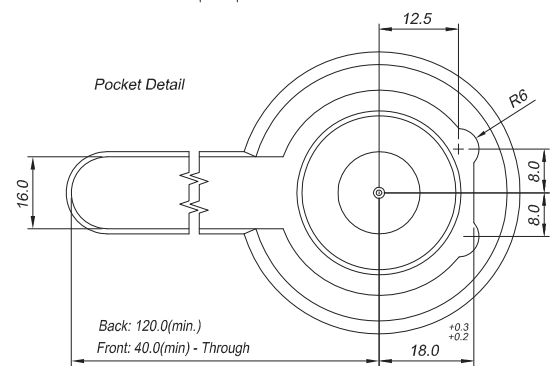
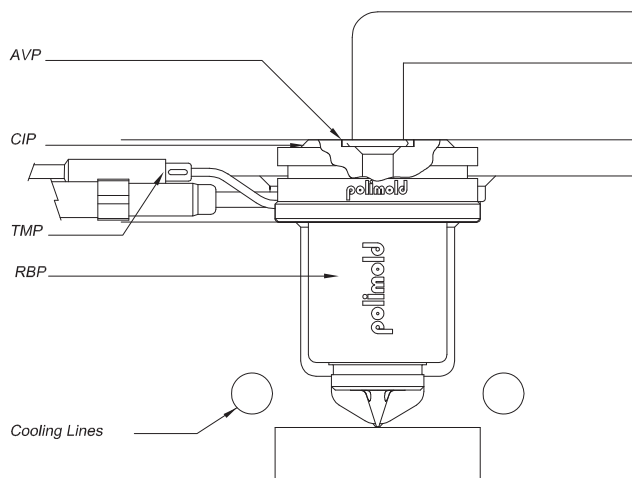
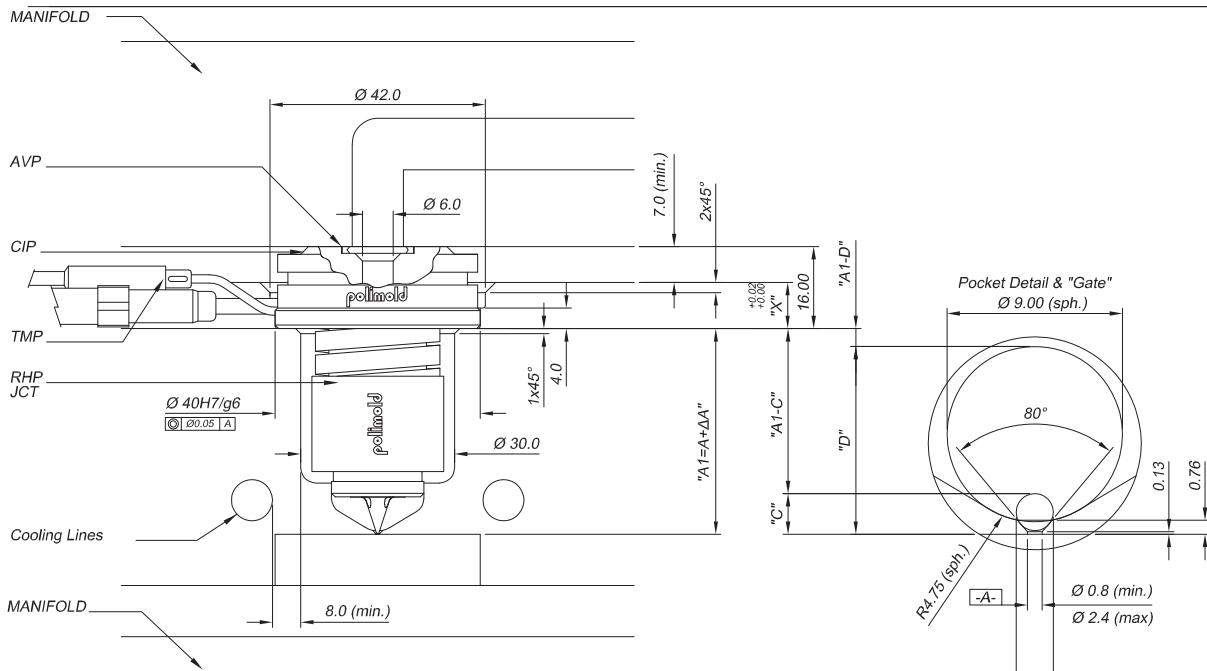


# Series 200

Policosmetic Line

Nozzles suited to use with Manifold

**polimold**  
INDUSTRIAL S.A.

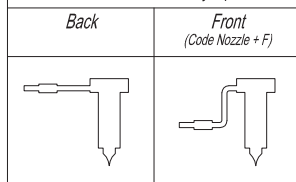


Nozzle Assembly Specification Components

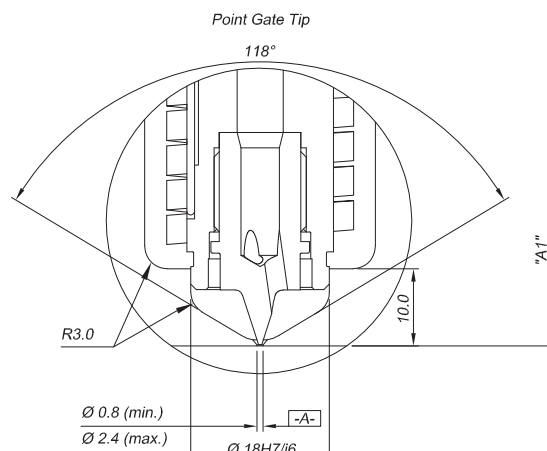
|                                                    | Code Nozzle | Dimension "A" | Components  |           |          |         |              | Seal Ring  |
|----------------------------------------------------|-------------|---------------|-------------|-----------|----------|---------|--------------|------------|
|                                                    |             |               | Body Nozzle | Heater    | Jacket   | Wattage | Thermocouple |            |
| Heater Cables Assembly Option<br>FOR BACK OR FRONT | HIP06035-A  | 35.00         | CIP06035-A  | RHP06029  | JCT06030 | 215W    | TMP01080     | AVP06016-A |
|                                                    | BIP06035-A  | 35.00         | CIP06035-A  | RBP06030  | ---      | 260W    | TMP01080     |            |
|                                                    | HIP06035F-A | 35.00         | CIP06035-A  | RHP06029F | JCT06030 | 215W    | TMP01080     |            |
|                                                    | BIP06035F-A | 35.00         | CIP06035-A  | RBP06030F | ---      | 260W    | TMP01080     |            |

| Diameter "Gate" | Dimension "B" | Dimension "C" | Dimension "D" |
|-----------------|---------------|---------------|---------------|
| Ø0.8            | Ø2.00         | 2.21          | 9.66          |
| Ø1.0            |               | 2.09          | 9.64          |
| Ø1.2            |               | 1.97          | 9.62          |
| Ø1.4            | Ø3.00         | 3.13          | 9.59          |
| Ø1.6            |               | 3.01          | 9.56          |
| Ø1.8            |               | 2.89          | 9.53          |
| Ø2.0            | Ø4.00         | 4.05          | 9.49          |
| Ø2.2            |               | 3.93          | 9.45          |
| Ø2.4            |               | 3.81          | 9.41          |

Heater Cables Assembly Option



## Tip Options



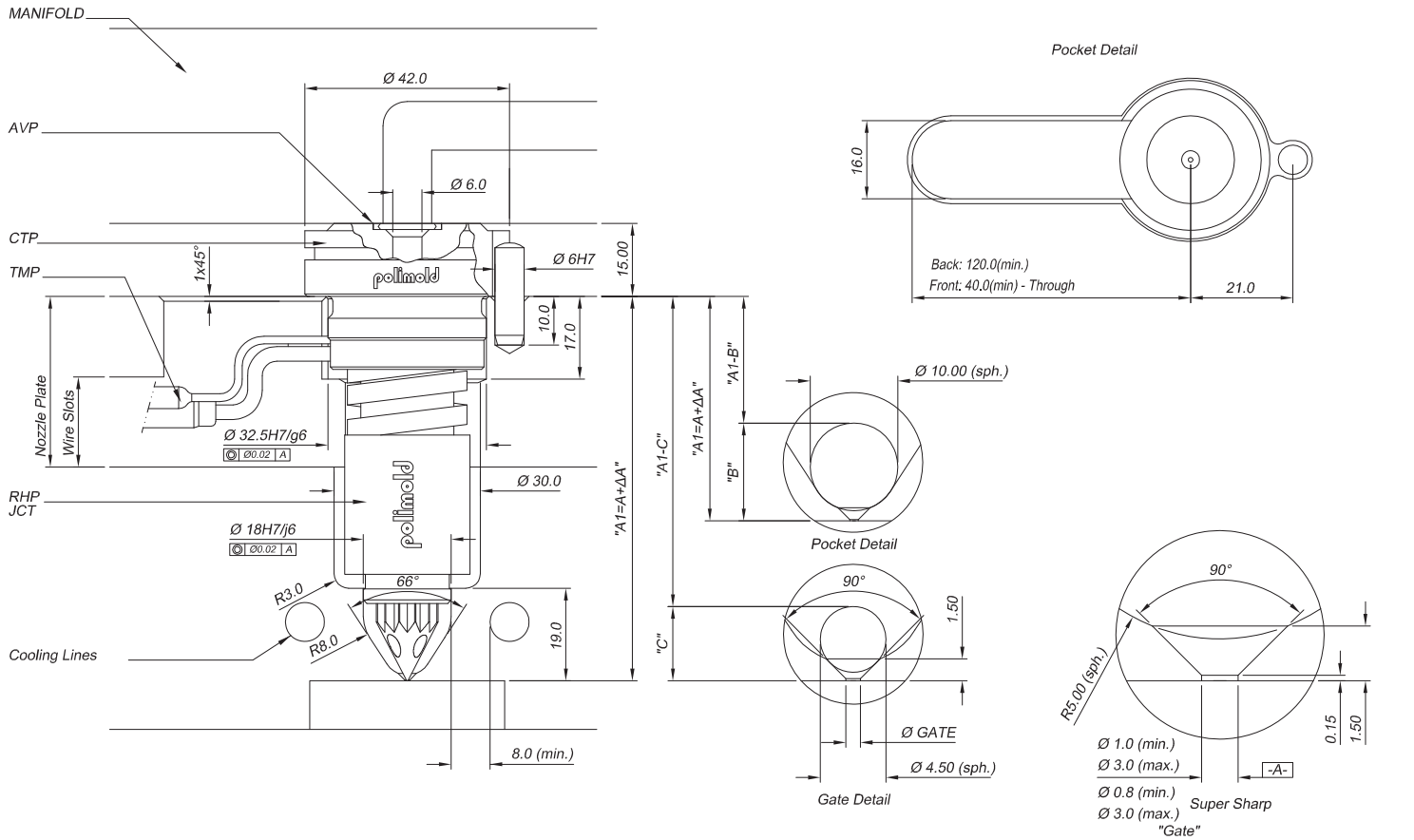


# Series 200

Policosmetic Line

High Cavitation Injection Standard

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INDUSTRIAL S.A.



Nozzle Assembly Specification Components

|       | Code Nozzle | Dimension "A" | Components  |           |          |         |              | Seal Ring  | Diameter "Gate"                                                   | Dimension "B" | Dimension "C" |
|-------|-------------|---------------|-------------|-----------|----------|---------|--------------|------------|-------------------------------------------------------------------|---------------|---------------|
|       |             |               | Body Nozzle | Heater    | Jacket   | Wattage | Thermocouple |            |                                                                   |               |               |
| Back  | HTP06065-A  | 65.00         | CTP06065-A  | RHP06036  | JCT06030 | 260W    | TMP01080     | AVP06016-A | Ø0.8                                                              | 11.18         | 5.18          |
|       | HTP06077-A  | 77.50         | CTP06077-A  | RHP06049  | JCT06051 | 350W    | TMP01100     |            | Ø1.0                                                              | 11.15         | 5.08          |
|       | HTP06090-A  | 90.00         | CTP06090-A  | RHP06062  | JCT06051 | 400W    | TMP01120     |            | Ø1.2                                                              | 11.10         | 4.98          |
|       | HTP06102-A  | 102.50        | CTP06102-A  | RHP06075  | JCT06051 | 460W    | TMP01140     |            | Ø1.4                                                              | 11.06         | 4.88          |
|       | HTP06115-A  | 115.00        | CTP06115-A  | RHP06087  | JCT06051 | 460W    | TMP01160     |            | Ø1.6                                                              | 11.01         | 4.78          |
|       | HTP06140-A  | 140.00        | CTP06140-A  | RHP06113  | JCT06101 | 610W    | TMP01180     |            | Ø1.8                                                              | 10.97         | 4.68          |
|       | HTP06165-A  | 165.00        | CTP06165-A  | RHP06138  | JCT06101 | 610W    | TMP01200     |            | Ø2.0                                                              | 10.91         | 4.58          |
|       | HTP06190-A  | 190.00        | CTP06190-A  | RHP06163  | JCT06101 | 760W    | TMP01220     |            | Ø2.2                                                              | 10.86         | 4.48          |
|       | HTP06215-A  | 215.00        | CTP06215-A  | RHP06188  | JCT06101 | 760W    | TMP01240     |            | Ø2.4                                                              | 10.80         | 4.38          |
|       | HTP06240-A  | 240.00        | CTP06240-A  | RHP06213  | JCT06101 | 850W    | TMP01260     |            | Ø2.6                                                              | 10.74         | 4.28          |
|       | HTP06265-A  | 265.00        | CTP06265-A  | RHP06238  | JCT06101 | 850W    | TMP01280     |            | Ø2.8                                                              | 10.68         | 4.18          |
|       | HTP06065F-A | 65.00         | CTP06065-A  | RHP06036F | JCT06031 | 260W    | TMP01080     |            | Ø3.0                                                              | 10.61         | 4.08          |
|       | HTP06077F-A | 77.50         | CTP06077-A  | RHP06049F | JCT06051 | 350W    | TMP01100     |            | Heater Cables Assembly Option<br>Back Front (Code Nozzle + F)<br> |               |               |
|       | HTP06090F-A | 90.00         | CTP06090-A  | RHP06062F | JCT06051 | 400W    | TMP01120     |            |                                                                   |               |               |
|       | HTP06102F-A | 102.50        | CTP06102-A  | RHP06075F | JCT06051 | 460W    | TMP01140     |            |                                                                   |               |               |
|       | HTP06115F-A | 115.00        | CTP06115-A  | RHP06087F | JCT06051 | 460W    | TMP01160     |            |                                                                   |               |               |
|       | HTP06140F-A | 140.00        | CTP06140-A  | RHP06113F | JCT06101 | 610W    | TMP01180     |            |                                                                   |               |               |
|       | HTP06165F-A | 165.00        | CTP06165-A  | RHP06138F | JCT06101 | 610W    | TMP01200     |            |                                                                   |               |               |
|       | HTP06190F-A | 190.00        | CTP06190-A  | RHP06163F | JCT06101 | 760W    | TMP01220     |            |                                                                   |               |               |
|       | HTP06215F-A | 215.00        | CTP06215-A  | RHP06188F | JCT06101 | 760W    | TMP01240     |            |                                                                   |               |               |
|       | HTP06240F-A | 240.00        | CTP06240-A  | RHP06213F | JCT06101 | 850W    | TMP01260     |            |                                                                   |               |               |
|       | HTP06265F-A | 265.00        | CTP06265-A  | RHP06238F | JCT06101 | 850W    | TMP01280     |            |                                                                   |               |               |
| Front |             |               |             |           |          |         |              |            |                                                                   |               |               |

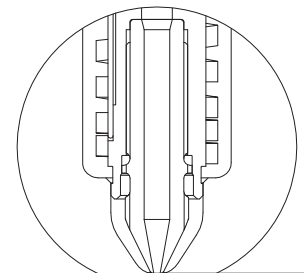
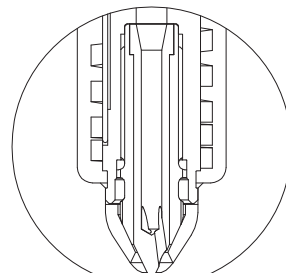
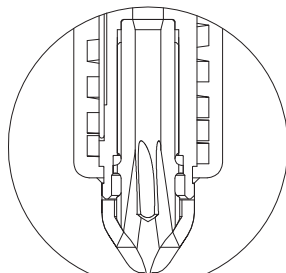
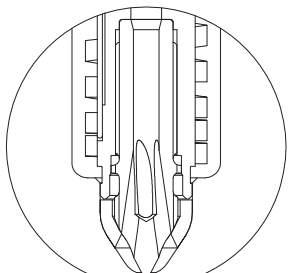
## Tip Options

Standard Tip

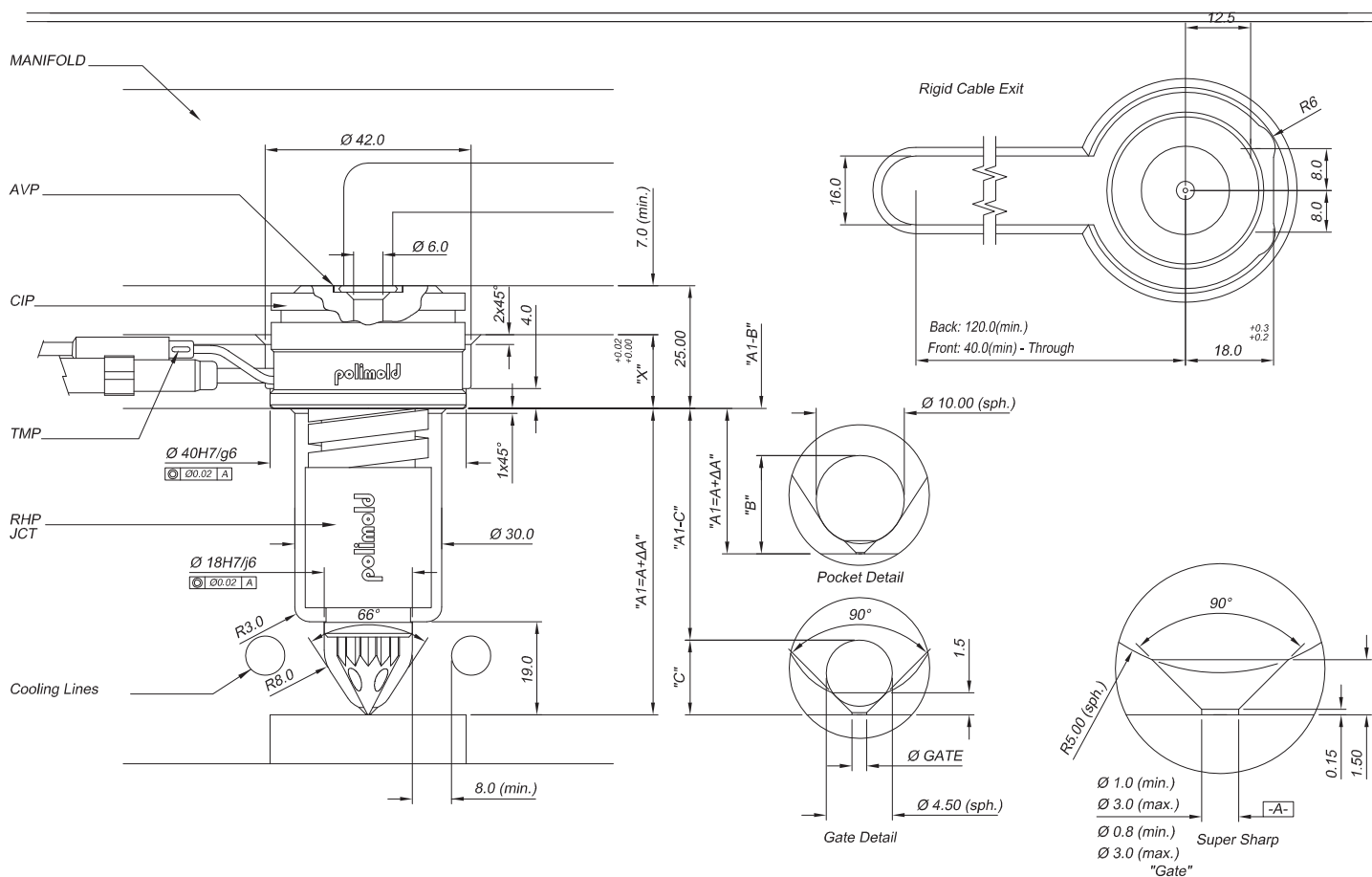
Super Sharp Tip

Abrasion Resistant

Thru Hole Tip

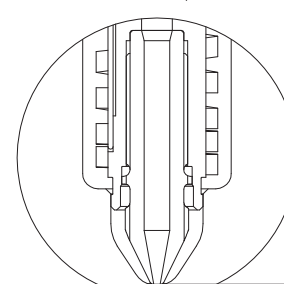


### Nozzles suited to use with Manifold

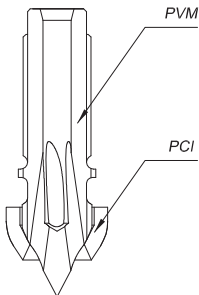
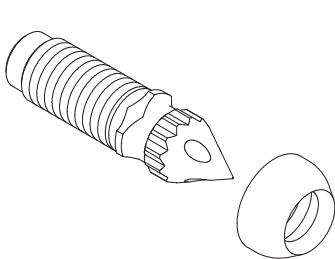


| Heater Cables Assembly Option                                                         |                                                                                       |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Back                                                                                  | Front<br>(Code Nozzle + F)                                                            |
|  |  |

### Thru Hole Tip

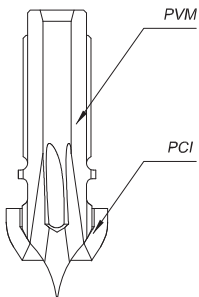
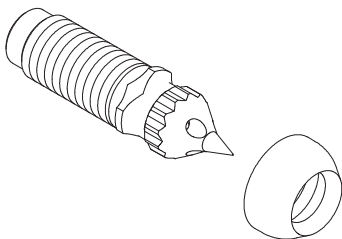


Standard Tip



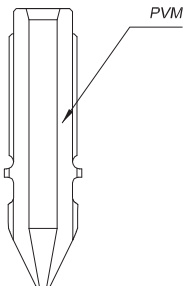
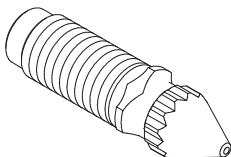
| Tip        | Insulator  |
|------------|------------|
| PVM06003-A | PCI06001-A |

Super Sharp Tip



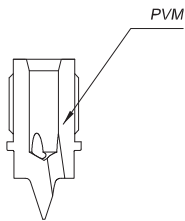
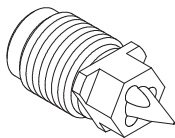
| Tip        | Insulator  |
|------------|------------|
| PVM06004-A | PCI06002-A |

Thru Hole Tip



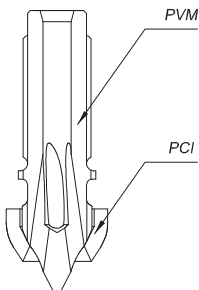
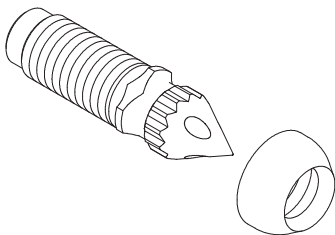
| Tip        |
|------------|
| PVM06005-A |

Mini Tip



| Tip        |
|------------|
| PVM06006-A |

Abrasion Resistant



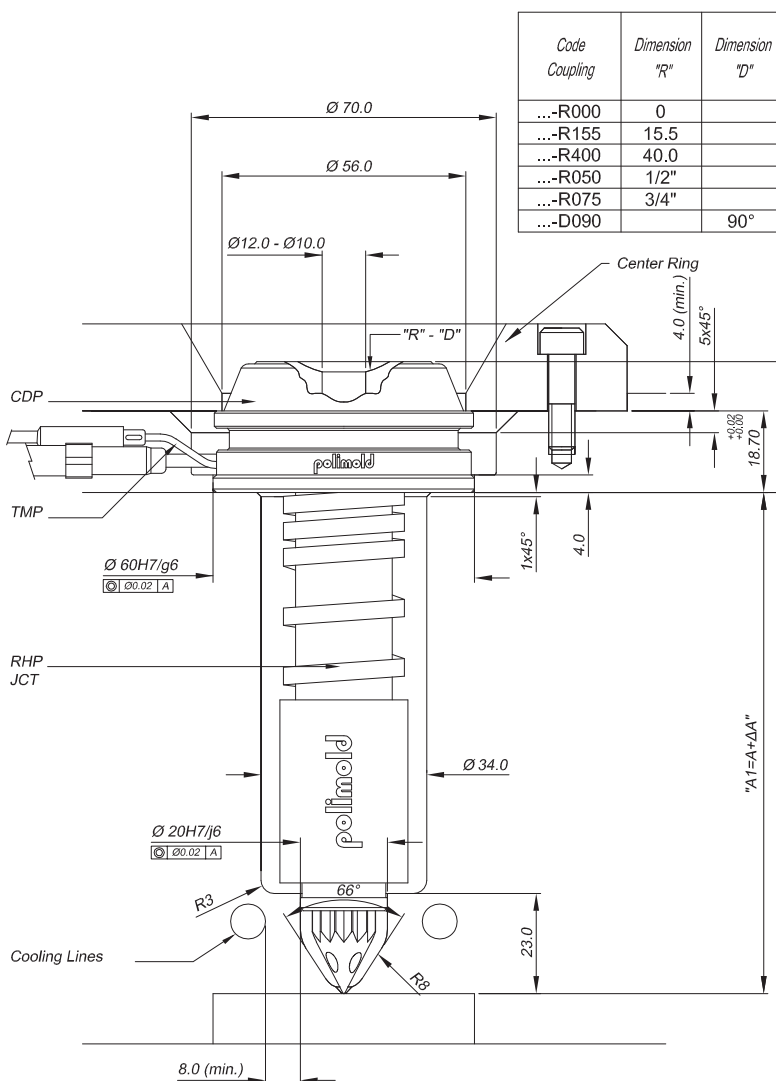
| Tip        | Insulator  |
|------------|------------|
| PVM06010-A | PCI06001-A |

# Series 500

Policosmetic Line

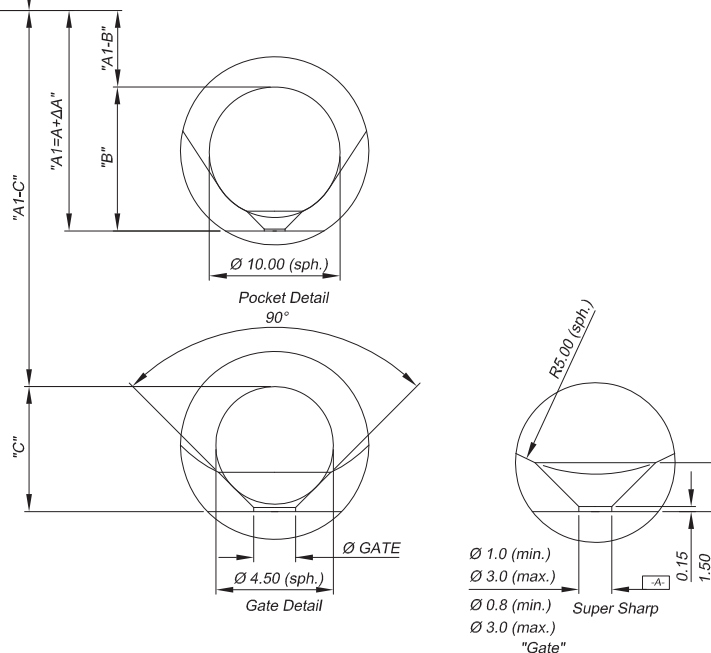
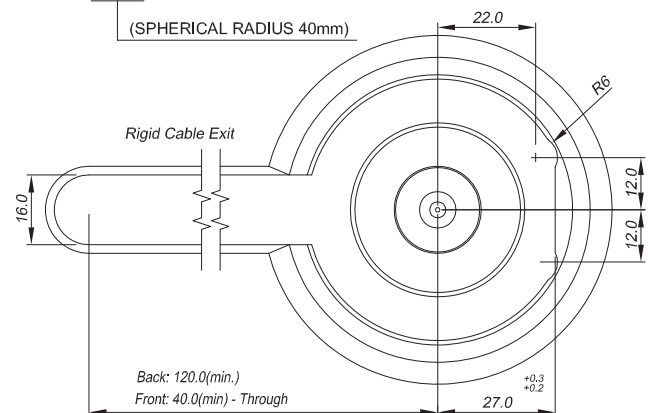
Direct Injection Standard

**polimold**  
INDUSTRIAL S.A.



| Code Coupling | Dimension "R" | Dimension "D" |
|---------------|---------------|---------------|
| ...-R000      | 0             |               |
| ...-R155      | 15.5          |               |
| ...-R400      | 40.0          |               |
| ...-R050      | 1/2"          |               |
| ...-R075      | 3/4"          |               |
| ...-D090      |               | 90°           |

Ex: HDP10075F-R400



| Nozzle Assembly Specification |               |             |          |          |         |              |
|-------------------------------|---------------|-------------|----------|----------|---------|--------------|
| Code Nozzle                   | Dimension "A" | Components  |          |          |         |              |
|                               |               | Body Nozzle | Heater   | Jacket   | Wattage | Thermocouple |
| HDP10050-A-R...               | 50.00         | CDP10050-A  | RHP10030 | JCT10030 | 260W    | TMP01080     |
| HDP10075-A-R...               | 75.00         | CDP10075-A  | RHP10054 | JCT10050 | 400W    | TMP01100     |
| HDP10087-A-R...               | 87.50         | CDP10087-A  | RHP10067 | JCT10050 | 400W    | TMP01100     |
| HDP10100-A-R...               | 100.00        | CDP10100-A  | RHP10080 | JCT10050 | 500W    | TMP01120     |
| HDP10112-A-R...               | 112.50        | CDP10112-A  | RHP10092 | JCT10050 | 690W    | TMP01140     |
| HDP10137-A-R...               | 137.50        | CDP10137-A  | RHP10130 | JCT10100 | 760W    | TMP01160     |
| HDP10162-A-R...               | 162.50        | CDP10162-A  | RHP10156 | JCT10100 | 760W    | TMP01180     |
| HDP10187-A-R...               | 187.50        | CDP10187-A  | RHP10181 | JCT10100 | 850W    | TMP01200     |
| HDP10212-A-R...               | 212.50        | CDP10212-A  | RHP10206 | JCT10100 | 1100W   | TMP01220     |
| HDP10237-A-R...               | 237.50        | CDP10237-A  | RHP10231 | JCT10100 | 1100W   | TMP01240     |
| HDP10262-A-R...               | 262.50        | CDP10262-A  | RHP10256 | JCT10100 | 1100W   | TMP01260     |
| HDP10287-A-R...               | 287.50        | CDP10287-A  | RHP10281 | JCT10100 | 1100W   | TMP01280     |

| Diameter "Gate" | Dimension "B" | Dimension "C" |
|-----------------|---------------|---------------|
| Ø0.8            | 11.18         | 5.18          |
| Ø1.0            | 11.15         | 5.08          |
| Ø1.2            | 11.10         | 4.98          |
| Ø1.4            | 11.06         | 4.88          |
| Ø1.6            | 11.01         | 4.78          |
| Ø1.8            | 10.97         | 4.68          |
| Ø2.0            | 10.91         | 4.58          |
| Ø2.2            | 10.86         | 4.48          |
| Ø2.4            | 10.80         | 4.38          |
| Ø2.6            | 10.74         | 4.28          |
| Ø2.8            | 10.68         | 4.18          |
| Ø3.0            | 10.61         | 4.08          |

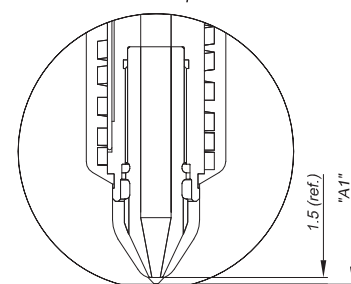
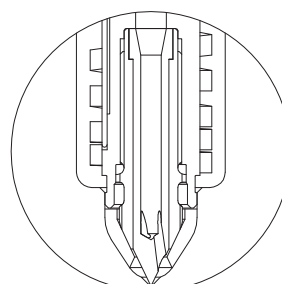
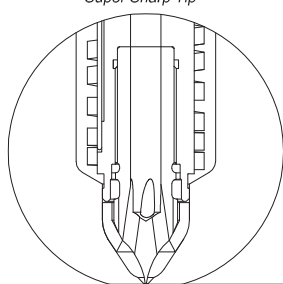
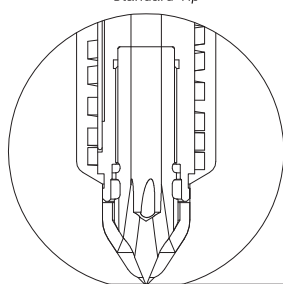
## Tip Options

Standard Tip

Super Sharp Tip

Abrasion Resistant

Thru Hole Tip

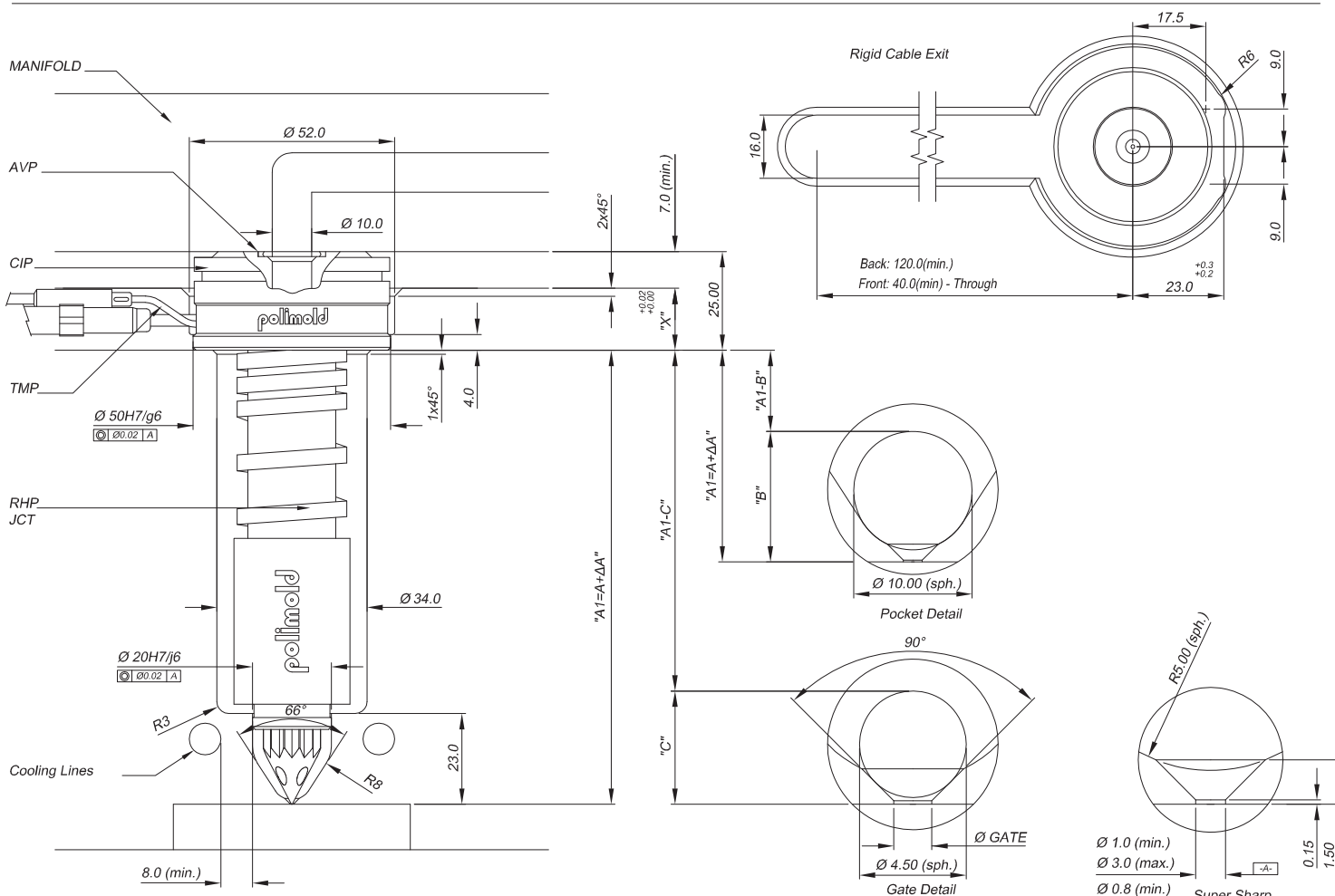


# Series 500

Policosmetic Line

Nozzles suited to use with Manifold

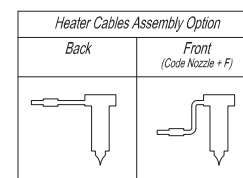
**polimold**  
INDUSTRIAL S.A.



Nozzle Assembly Specification

|                               |       | Components  |               |             |           |          |         |              |
|-------------------------------|-------|-------------|---------------|-------------|-----------|----------|---------|--------------|
|                               |       | Code Nozzle | Dimension "A" | Body Nozzle | Heater    | Jacket   | Wattage | Thermocouple |
| Heater Cables Assembly Option | Back  | HIP10050-A  | 50.00         | CIP10050-A  | RHP10030  | JCT10030 | 260W    | TMP01080     |
|                               |       | HIP10075-A  | 75.00         | CIP10075-A  | RHP10054  | JCT10050 | 400W    | TMP01100     |
|                               |       | HIP10087-A  | 87.50         | CIP10087-A  | RHP10067  | JCT10050 | 400W    | TMP01100     |
|                               |       | HIP10100-A  | 100.00        | CIP10100-A  | RHP10080  | JCT10050 | 500W    | TMP01120     |
|                               |       | HIP10112-A  | 112.50        | CIP10112-A  | RHP10092  | JCT10050 | 690W    | TMP01140     |
|                               |       | HIP10137-A  | 137.50        | CIP10137-A  | RHP10130  | JCT10100 | 760W    | TMP01160     |
|                               |       | HIP10162-A  | 162.50        | CIP10162-A  | RHP10156  | JCT10100 | 760W    | TMP01180     |
|                               |       | HIP10187-A  | 187.50        | CIP10187-A  | RHP10181  | JCT10100 | 850W    | TMP01200     |
|                               |       | HIP10212-A  | 212.50        | CIP10212-A  | RHP10206  | JCT10100 | 1100W   | TMP01220     |
|                               |       | HIP10237-A  | 237.50        | CIP10237-A  | RHP10231  | JCT10100 | 1100W   | TMP01240     |
|                               |       | HIP10262-A  | 262.50        | CIP10262-A  | RHP10256  | JCT10100 | 1100W   | TMP01260     |
|                               |       | HIP10287-A  | 287.50        | CIP10287-A  | RHP10281  | JCT10100 | 1100W   | TMP01280     |
|                               | Front | HIP10050F-A | 50.00         | CIP10050-A  | RHP10030F | JCT10030 | 260W    | TMP01080     |
|                               |       | HIP10075F-A | 75.00         | CIP10075-A  | RHP10054F | JCT10050 | 400W    | TMP01100     |
|                               |       | HIP10087F-A | 87.50         | CIP10087-A  | RHP10067F | JCT10050 | 400W    | TMP01100     |
|                               |       | HIP10100F-A | 100.00        | CIP10100-A  | RHP10080F | JCT10050 | 500W    | TMP01120     |
|                               |       | HIP10112F-A | 112.50        | CIP10112-A  | RHP10092F | JCT10050 | 690W    | TMP01140     |
|                               |       | HIP10137F-A | 137.50        | CIP10137-A  | RHP10130F | JCT10100 | 760W    | TMP01160     |
|                               |       | HIP10162F-A | 162.50        | CIP10162-A  | RHP10156F | JCT10100 | 760W    | TMP01180     |
|                               |       | HIP10187F-A | 187.50        | CIP10187-A  | RHP10181F | JCT10100 | 850W    | TMP01200     |
|                               |       | HIP10212F-A | 212.50        | CIP10212-A  | RHP10206F | JCT10100 | 1100W   | TMP01220     |
|                               |       | HIP10237F-A | 237.50        | CIP10237-A  | RHP10231F | JCT10100 | 1100W   | TMP01240     |
|                               |       | HIP10262F-A | 262.50        | CIP10262-A  | RHP10256F | JCT10100 | 1100W   | TMP01260     |
|                               |       | HIP10287F-A | 287.50        | CIP10287-A  | RHP10281F | JCT10100 | 1100W   | TMP01280     |

| Diameter "Gate" | Dimension "B" | Dimension "C" |
|-----------------|---------------|---------------|
| Ø0.8            | 11.18         | 5.18          |
| Ø1.0            | 11.15         | 5.08          |
| Ø1.2            | 11.10         | 4.98          |
| Ø1.4            | 11.06         | 4.88          |
| Ø1.6            | 11.01         | 4.78          |
| Ø1.8            | 10.97         | 4.68          |
| Ø2.0            | 10.91         | 4.58          |
| Ø2.2            | 10.86         | 4.48          |
| Ø2.4            | 10.80         | 4.38          |
| Ø2.6            | 10.74         | 4.28          |
| Ø2.8            | 10.68         | 4.18          |
| Ø3.0            | 10.61         | 4.08          |



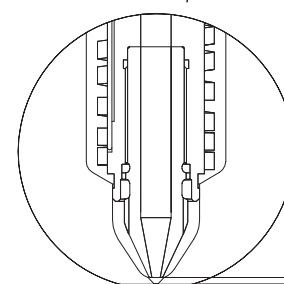
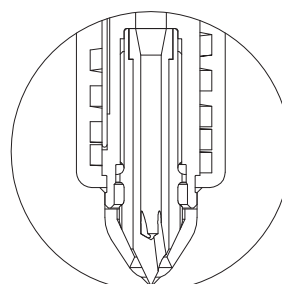
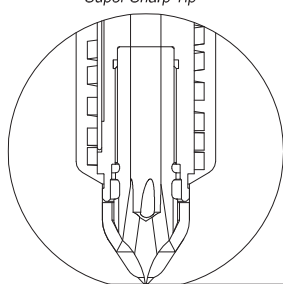
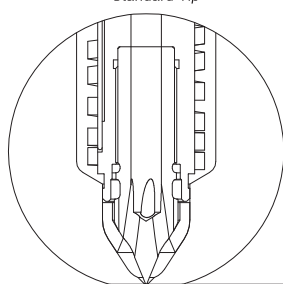
## Tip Options

Standard Tip

Super Sharp Tip

Abrasion Resistant

Thru Hole Tip



# Series 500

Policosmetic Line

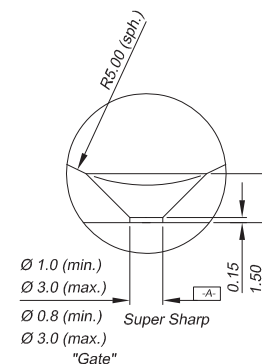
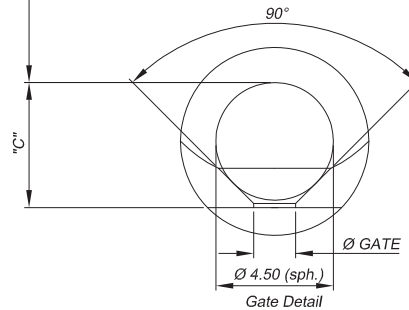
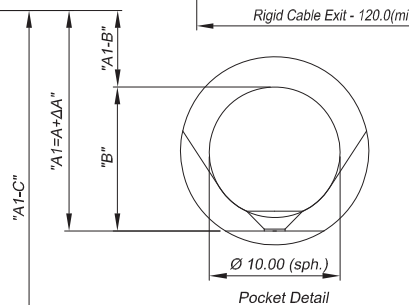
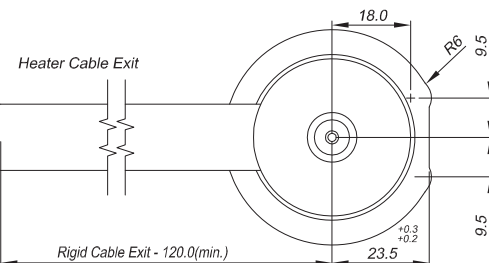
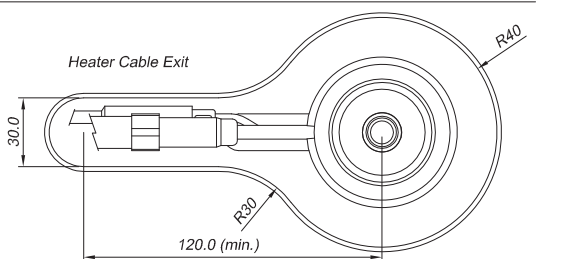
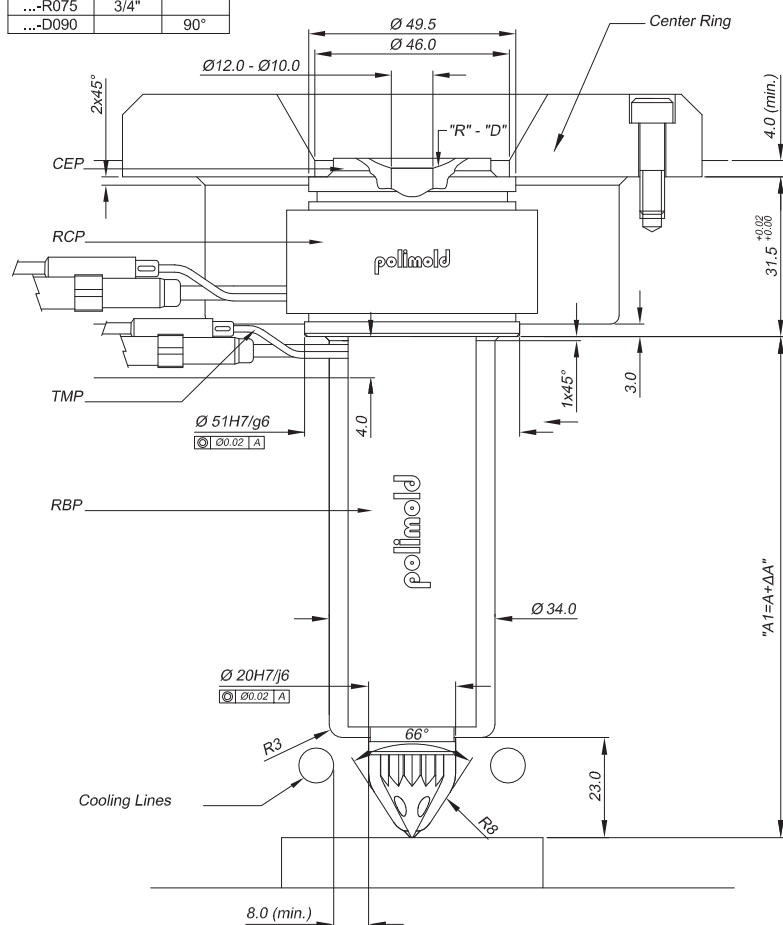
Direct Injection Standard

**polimold**  
INDUSTRIAL S.A.

| Code Coupling | Dimension "R" | Dimension "D" |
|---------------|---------------|---------------|
| ...-R000      | 0             |               |
| ...-R155      | 15.5          |               |
| ...-R400      | 40.0          |               |
| ...-R050      | 1/2"          |               |
| ...-R075      | 3/4"          |               |
| ...-D090      |               | 90°           |

Ex: HDP10075F-R400

RAIO DE Coupling 40mm  
(SPHERICAL RADIUS 40mm)



| Nozzle Assembly Specification |               |             |                |         |               |         |              |
|-------------------------------|---------------|-------------|----------------|---------|---------------|---------|--------------|
| Code Nozzle                   | Dimension "A" | Components  |                |         |               |         |              |
|                               |               | Body Nozzle | Heater DO Body | Wattage | Heater Heater | Wattage | Thermocouple |
| EDP10050-A-R...               | 50.00         | CEP10050-A  | RBP10036       | 350W    | RCP50020      | 400W    | TMP01080     |
| EDP10075-A-R...               | 75.00         | CEP10075-A  | RBP10056       | 500W    |               |         | TMP01080     |
| EDP10087-A-R...               | 87.50         | CEP10087-A  | RBP10069       | 690W    |               |         | TMP01100     |
| EDP10100-A-R...               | 100.00        | CEP10100-A  | RBP10081       | 760W    |               |         | TMP01120     |
| EDP10112-A-R...               | 112.50        | CEP10112-A  | RBP10094       | 760W    |               |         | TMP01140     |
| EDP10137-A-R...               | 137.50        | CEP10137-A  | RBP10107       | 760W    |               |         | TMP01160     |
| EDP10162-A-R...               | 162.50        | CEP10162-A  | RBP10131       | 850W    |               |         | TMP01180     |
| EDP10187-A-R...               | 187.50        | CEP10187-A  | RBP10158       | 1100W   |               |         | TMP01200     |
| EDP10212-A-R...               | 212.50        | CEP10212-A  | RBP10183       | 1300W   |               |         | TMP01220     |
| EDP10237-A-R...               | 237.50        | CEP10237-A  | RBP10208       | 1100W   |               |         | TMP01240     |
| EDP10262-A-R...               | 262.50        | CEP10262-A  | RBP10233       | 1300W   |               |         | TMP01260     |
| EDP10287-A-R...               | 287.50        | CEP10287-A  | RBP10258       | 1300W   |               |         | TMP01280     |

| Diameter "Gate" | Dimension "B" | Dimension "C" |
|-----------------|---------------|---------------|
| Ø0.8            | 11.18         | 5.18          |
| Ø1.0            | 11.15         | 5.08          |
| Ø1.2            | 11.10         | 4.98          |
| Ø1.4            | 11.06         | 4.88          |
| Ø1.6            | 11.01         | 4.78          |
| Ø1.8            | 10.97         | 4.68          |
| Ø2.0            | 10.91         | 4.58          |
| Ø2.2            | 10.86         | 4.48          |
| Ø2.4            | 10.80         | 4.38          |
| Ø2.6            | 10.74         | 4.28          |
| Ø2.8            | 10.68         | 4.18          |
| Ø3.0            | 10.61         | 4.08          |

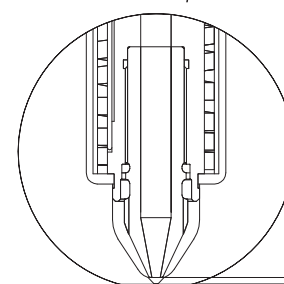
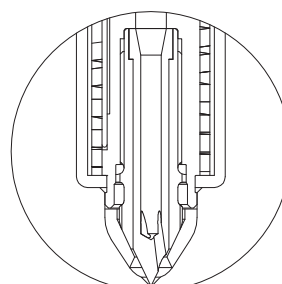
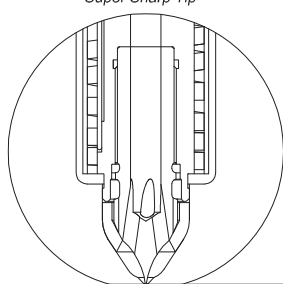
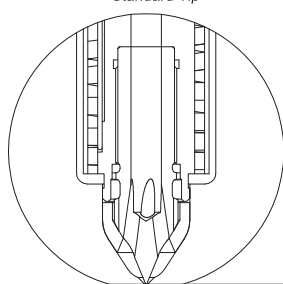
## Tip Options

Standard Tip

Super Sharp Tip

Abrasion Resistant

Thru Hole Tip



Series 500

Policosmetic Line

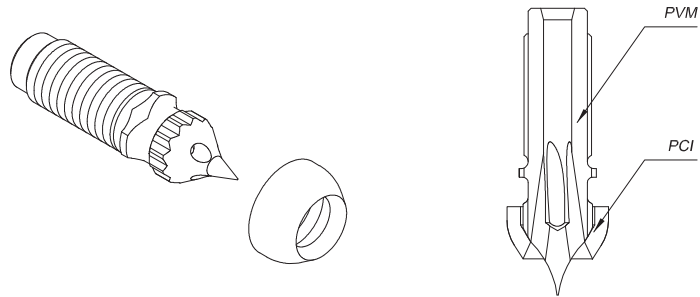
Tip Options

Standard Tip



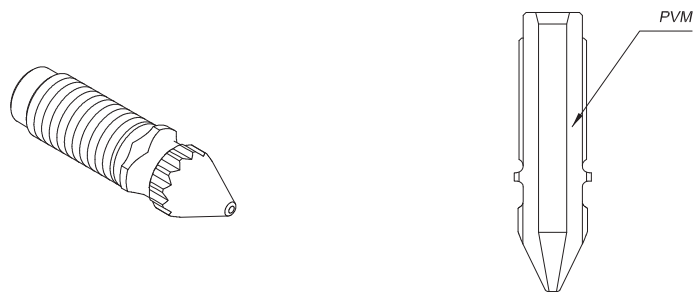
| Tip        | Insulator  |
|------------|------------|
| PVM10003-A | PCI10001-A |

Super Sharp Tip



| Tip        | Insulator  |
|------------|------------|
| PVM10004-A | PCI10002-A |

Thru Hole Tip



| Tip        |
|------------|
| PVM10005-A |

Abrasion Resistant



| Tip        | Insulator  |
|------------|------------|
| PVM10007-A | PCI10001-A |

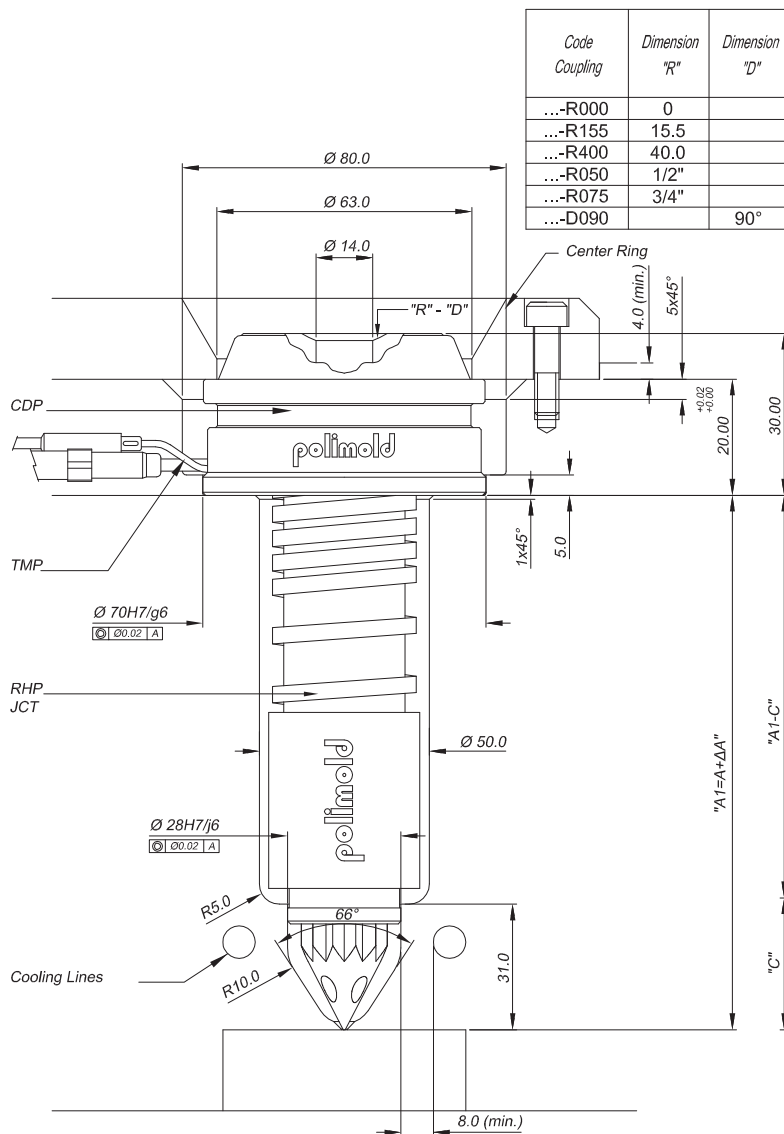


# Series 800

Policosmetic Line

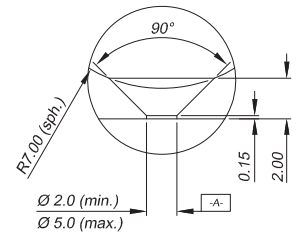
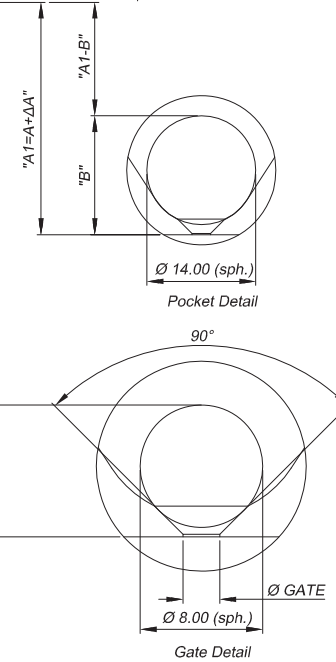
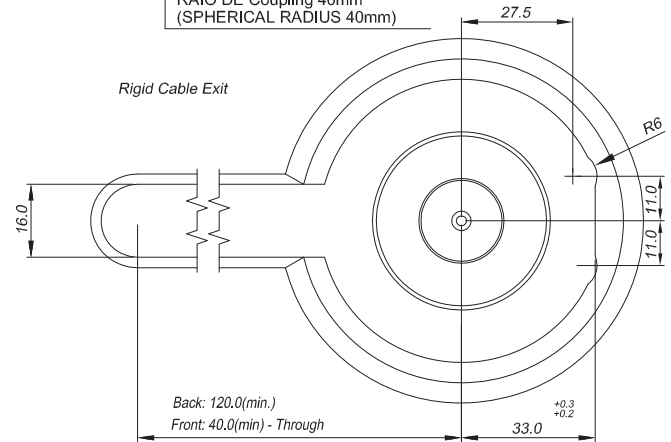
Direct Injection Standard

**polimold**  
INDUSTRIAL S.A.



Ex: HDP14105F-R400

RAIO DE Coupling 40mm  
(SPHERICAL RADIUS 40mm)

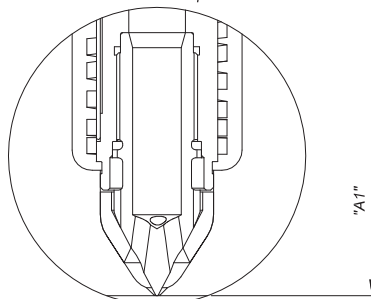


| Nozzle Assembly Specification |               |             |          |          |           |               |         |              |
|-------------------------------|---------------|-------------|----------|----------|-----------|---------------|---------|--------------|
| Code Nozzle                   | Dimension "A" | Components  |          |          |           |               |         |              |
|                               |               | Body Nozzle | Heater   | Jacket   | Tube      | Heater Spacer | Wattage | Thermocouple |
| HDP14074-A-R...               | 75.00         | CDP14074-A  | RHP14052 | JCT14050 | ---       | ---           | 610W    | TMP01080     |
| HDP14105-A-R...               | 105.00        | CDP14105-A  | RHP14082 | JCT14050 | ---       | ---           | 690W    | TMP01120     |
| HDP14130-A-R...               | 130.00        | CDP14130-A  | RHP14107 | JCT14100 | ---       | ---           | 760W    | TMP01140     |
| HDP14155-A-R...               | 155.00        | CDP14155-A  | RHP14132 | JCT14100 | ---       | ---           | 850W    | TMP01160     |
| HDP14180-A-R...               | 180.00        | CDP14180-A  | RHP14157 | JCT14100 | ---       | ---           | 850W    | TMP01200     |
| HDP14205-A-R...               | 205.00        | CDP14205-A  | RHP14182 | JCT14051 | TUBO14132 | AEP14604-A    | 900W    | TMP01220     |
| HDP14230-A-R...               | 230.00        | CDP14230-A  | RHP14207 | JCT14051 | TUBO14157 | AEP14604-A    | 900W    | TMP01240     |
| HDP14255-A-R...               | 255.00        | CDP14255-A  | RHP14232 | JCT14051 | TUBO14182 | AEP14604-A    | 900W    | TMP01260     |
| HDP14280-A-R...               | 280.00        | CDP14280-A  | RHP14257 | JCT14051 | TUBO14207 | AEP14604-A    | 1100W   | TMP01280     |
| HDP14305-A-R...               | 305.00        | CDP14305-A  | RHP14282 | JCT14051 | TUBO14232 | AEP14604-A    | 1100W   | TMP01300     |
| HDP14330-A-R...               | 330.00        | CDP14330-A  | RHP14307 | JCT14051 | TUBO14257 | AEP14604-A    | 1100W   | TMP01320     |
| HDP14355-A-R...               | 355.00        | CDP14355-A  | RHP14332 | JCT14051 | TUBO14282 | AEP14604-A    | 1100W   | TMP01340     |
| HDP14380-A-R...               | 380.00        | CDP14380-A  | RHP14357 | JCT14051 | TUBO14307 | AEP14604-A    | 1100W   | TMP01360     |

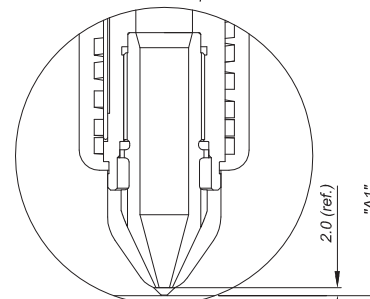
| Diameter "Gate" | Dimension "B" | Dimension "C" |
|-----------------|---------------|---------------|
| Ø2.0            | 15.39         | 8.81          |
| Ø2.2            | 15.35         | 8.71          |
| Ø2.4            | 15.30         | 8.61          |
| Ø2.6            | 15.25         | 8.51          |
| Ø2.8            | 15.20         | 8.41          |
| Ø3.0            | 15.15         | 8.31          |
| Ø3.2            | 15.09         | 8.21          |
| Ø3.4            | 15.03         | 8.11          |
| Ø3.6            | 14.97         | 8.01          |
| Ø3.8            | 14.91         | 7.91          |
| Ø4.0            | 14.85         | 7.81          |
| Ø4.5            | 14.67         | 7.56          |
| Ø5.0            | 14.48         | 7.31          |

## Tip Options

Standard Tip



Thru Hole Tip



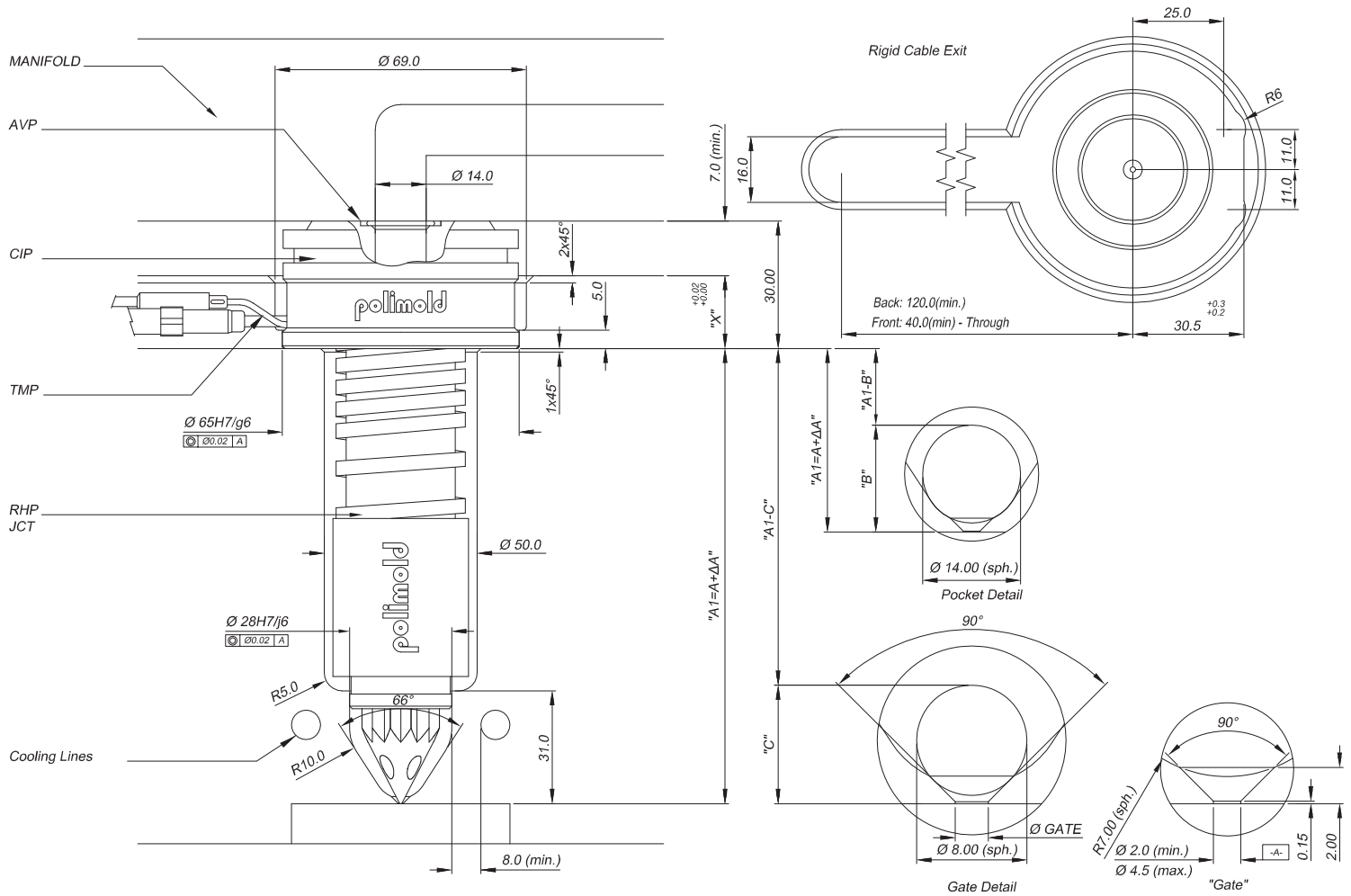


# Series 800

Policosmetic Line

Nozzles suited to use with Manifold

**polimold**  
INDUSTRIAL S.A.



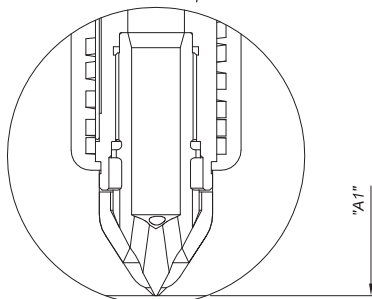
| Nozzle Assembly Specification |               |             |           |          |           |               |         |              |            |  |
|-------------------------------|---------------|-------------|-----------|----------|-----------|---------------|---------|--------------|------------|--|
| Code Nozzle                   | Dimension 'A' | Components  |           |          |           |               |         |              |            |  |
|                               |               | Body Nozzle | Heater    | Jacket   | Tube      | Heater Spacer | Wattage | Thermocouple | Seal Ring  |  |
| Back                          | HIP14074-A    | CIP14074-A  | RHP14052  | JCT14050 | —         | —             | 610W    | TMP01080     | AVP14016-A |  |
|                               | HIP14105-A    | CIP14105-A  | RHP14082  | JCT14050 | —         | —             | 690W    | TMP01120     |            |  |
|                               | HIP14130-A    | CIP14130-A  | RHP14107  | JCT14100 | —         | —             | 760W    | TMP01140     |            |  |
|                               | HIP14155-A    | CIP14155-A  | RHP14132  | JCT14100 | —         | —             | 850W    | TMP01160     |            |  |
|                               | HIP14180-A    | CIP14180-A  | RHP14157  | JCT14100 | —         | —             | 850W    | TMP01200     |            |  |
|                               | HIP14205-A    | CIP14205-A  | RHP14182  | JCT14051 | TUBO14132 | AEP14604-A    | 900W    | TMP01220     |            |  |
|                               | HIP14230-A    | CIP14230-A  | RHP14207  | JCT14051 | TUBO14157 | AEP14604-A    | 900W    | TMP01240     |            |  |
|                               | HIP14255-A    | CIP14255-A  | RHP14232  | JCT14051 | TUBO14182 | AEP14604-A    | 900W    | TMP01260     |            |  |
|                               | HIP14280-A    | CIP14280-A  | RHP14257  | JCT14051 | TUBO14207 | AEP14604-A    | 1100W   | TMP01280     |            |  |
|                               | HIP14305-A    | CIP14305-A  | RHP14282  | JCT14051 | TUBO14232 | AEP14604-A    | 1100W   | TMP01300     |            |  |
|                               | HIP14330-A    | CIP14330-A  | RHP14307  | JCT14051 | TUBO14257 | AEP14604-A    | 1100W   | TMP01320     |            |  |
|                               | HIP14355-A    | CIP14355-A  | RHP14332  | JCT14051 | TUBO14282 | AEP14604-A    | 1100W   | TMP01340     |            |  |
|                               | HIP14380-A    | CIP14380-A  | RHP14357  | JCT14051 | TUBO14307 | AEP14604-A    | 1100W   | TMP01360     |            |  |
| Front                         | HIP14050F-A   | CIP14050-A  | RHP14052F | JCT14050 | —         | —             | 610W    | TMP01080     |            |  |
|                               | HIP14105F-A   | CIP14105-A  | RHP14082F | JCT14050 | —         | —             | 690W    | TMP01120     |            |  |
|                               | HIP14130F-A   | CIP14130-A  | RHP14107F | JCT14100 | —         | —             | 760W    | TMP01140     |            |  |
|                               | HIP14155F-A   | CIP14155-A  | RHP14132F | JCT14100 | —         | —             | 850W    | TMP01160     |            |  |
|                               | HIP14180F-A   | CIP14180-A  | RHP14157F | JCT14100 | —         | —             | 850W    | TMP01200     |            |  |
|                               | HIP14205F-A   | CIP14205-A  | RHP14182F | JCT14051 | TUBO14132 | AEP14604-A    | 900W    | TMP01220     |            |  |
|                               | HIP14230F-A   | CIP14230-A  | RHP14207F | JCT14051 | TUBO14157 | AEP14604-A    | 900W    | TMP01240     |            |  |
|                               | HIP14255F-A   | CIP14255-A  | RHP14232F | JCT14051 | TUBO14182 | AEP14604-A    | 900W    | TMP01260     |            |  |
|                               | HIP14280F-A   | CIP14280-A  | RHP14257F | JCT14051 | TUBO14207 | AEP14604-A    | 1100W   | TMP01280     |            |  |
|                               | HIP14305F-A   | CIP14305-A  | RHP14282F | JCT14051 | TUBO14232 | AEP14604-A    | 1100W   | TMP01300     |            |  |
|                               | HIP14330F-A   | CIP14330-A  | RHP14307F | JCT14051 | TUBO14257 | AEP14604-A    | 1100W   | TMP01320     |            |  |
|                               | HIP14355F-A   | CIP14355-A  | RHP14332F | JCT14051 | TUBO14282 | AEP14604-A    | 1100W   | TMP01340     |            |  |
|                               | HIP14380F-A   | CIP14380-A  | RHP14357F | JCT14051 | TUBO14307 | AEP14604-A    | 1100W   | TMP01360     |            |  |

| Diameter 'Gate' | Dimension 'B' | Dimension 'C' |
|-----------------|---------------|---------------|
| Ø2.0            | 15.39         | 8.81          |
| Ø2.2            | 15.35         | 8.71          |
| Ø2.4            | 15.30         | 8.61          |
| Ø2.6            | 15.25         | 8.51          |
| Ø2.8            | 15.20         | 8.41          |
| Ø3.0            | 15.15         | 8.31          |
| Ø3.2            | 15.09         | 8.21          |
| Ø3.4            | 15.03         | 8.11          |
| Ø3.6            | 14.97         | 8.01          |
| Ø3.8            | 14.91         | 7.91          |
| Ø4.0            | 14.85         | 7.81          |
| Ø4.5            | 14.67         | 7.56          |
| Ø5.0            | 14.48         | 7.31          |

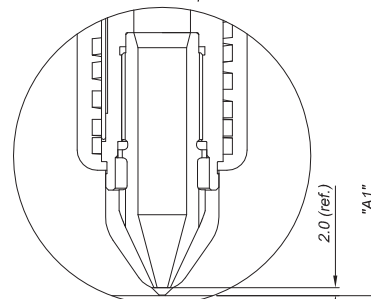
| Heater Cables Assembly Option |                         |
|-------------------------------|-------------------------|
| Back                          | Front (Code Nozzle + F) |
|                               |                         |

## Tip Options

Standard Tip



Thru Hole Tip

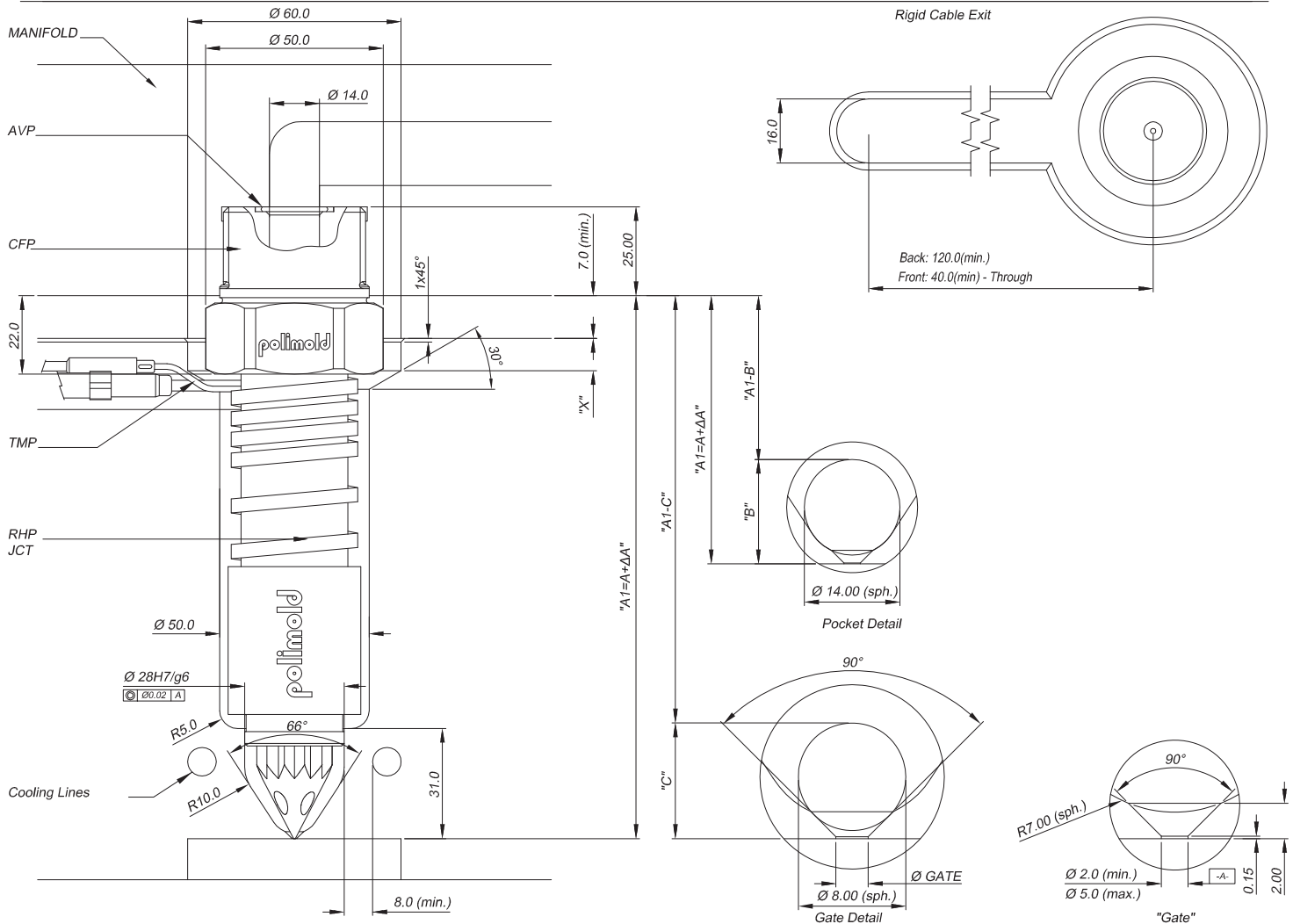


# Series 800

Policosmetic Line

Nozzles suited to use with Manifold

**polimold**  
INDUSTRIAL S.A.



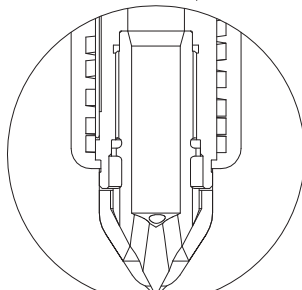
| Nozzle Assembly Specification |             |               |             |           |          |           |               |         |              |            |
|-------------------------------|-------------|---------------|-------------|-----------|----------|-----------|---------------|---------|--------------|------------|
|                               | Code Nozzle | Dimension "A" | Components  |           |          |           |               |         |              |            |
|                               |             |               | Body Nozzle | Heater    | Jacket   | Tube      | Heater Spacer | Wattage | Thermocouple | Seal Ring  |
| Heater Cables Assembly Option | Back        | HRP14105-A    | CFP14105-A  | RHP14052  | JCT14050 | —         | —             | 610W    | TMP01080     | AVP14016-A |
|                               |             | HRP14125-A    | CFP14125-A  | RHP14070  | JCT14050 | —         | —             | 610W    | TMP01100     |            |
|                               |             | HRP14150-A    | CFP14150-A  | RHP14095  | JCT14050 | —         | —             | 690W    | TMP01140     |            |
|                               |             | HRP14175-A    | CFP14175-A  | RHP14120  | JCT14100 | —         | —             | 760W    | TMP01160     |            |
|                               |             | HRP14200-A    | CFP14200-A  | RHP14145  | JCT14100 | —         | —             | 850W    | TMP01180     |            |
|                               |             | HRP14225-A    | CFP14225-A  | RHP14170  | JCT14100 | —         | —             | 850W    | TMP01200     |            |
|                               |             | HRP14250-A    | CFP14250-A  | RHP14195  | JCT14051 | TUBO14145 | AEP14604-A    | 900W    | TMP01240     |            |
|                               |             | HRP14275-A    | CFP14275-A  | RHP14220  | JCT14051 | TUBO14170 | AEP14604-A    | 900W    | TMP01260     |            |
|                               | Front       | HRP14300-A    | CFP14300-A  | RHP14245  | JCT14051 | TUBO14195 | AEP14604-A    | 1100W   | TMP01280     |            |
|                               |             | HRP14325-A    | CFP14325-A  | RHP14270  | JCT14051 | TUBO14220 | AEP14604-A    | 1100W   | TMP01300     |            |
|                               |             | HRP14350-A    | CFP14350-A  | RHP14295  | JCT14051 | TUBO14245 | AEP14604-A    | 1100W   | TMP01320     |            |
|                               |             | HRP14375-A    | CFP14375-A  | RHP14320  | JCT14051 | TUBO14270 | AEP14604-A    | 1100W   | TMP01340     |            |
|                               |             | HRP14400-A    | CFP14400-A  | RHP14345  | JCT14051 | TUBO14295 | AEP14604-A    | 1100W   | TMP01360     |            |
|                               |             | HRP14105F-A   | CFP14105-A  | RHP14052F | JCT14050 | —         | —             | 610W    | TMP01080     |            |
|                               |             | HRP14125F-A   | CFP14125-A  | RHP14070F | JCT14050 | —         | —             | 610W    | TMP01100     |            |
|                               |             | HRP14150F-A   | CFP14150-A  | RHP14095F | JCT14050 | —         | —             | 690W    | TMP01140     |            |
|                               |             | HRP14175F-A   | CFP14175-A  | RHP14120F | JCT14100 | —         | —             | 760W    | TMP01160     |            |
|                               |             | HRP14200F-A   | CFP14200-A  | RHP14145F | JCT14100 | —         | —             | 850W    | TMP01180     |            |
|                               |             | HRP14225F-A   | CFP14225-A  | RHP14170F | JCT14100 | —         | —             | 850W    | TMP01200     |            |
|                               |             | HRP14250F-A   | CFP14250-A  | RHP14195F | JCT14051 | TUBO14145 | AEP14604-A    | 900W    | TMP01240     |            |
|                               |             | HRP14275F-A   | CFP14275-A  | RHP14220F | JCT14051 | TUBO14170 | AEP14604-A    | 900W    | TMP01260     |            |
|                               |             | HRP14300F-A   | CFP14300-A  | RHP14245F | JCT14051 | TUBO14195 | AEP14604-A    | 1100W   | TMP01160     |            |
|                               |             | HRP14325F-A   | CFP14325-A  | RHP14270F | JCT14051 | TUBO14220 | AEP14604-A    | 1100W   | TMP01180     |            |
|                               |             | HRP14350F-A   | CFP14350-A  | RHP14295F | JCT14051 | TUBO14245 | AEP14604-A    | 1100W   | TMP01200     |            |
|                               |             | HRP14375F-A   | CFP14375-A  | RHP14320F | JCT14051 | TUBO14270 | AEP14604-A    | 1100W   | TMP01240     |            |
|                               |             | HRP14400F-A   | CFP14400-A  | RHP14345F | JCT14051 | TUBO14295 | AEP14604-A    | 1100W   | TMP01260     |            |

| "Gate"          |               |               |
|-----------------|---------------|---------------|
| Diameter "Gate" | Dimension "B" | Dimension "C" |
| Ø2.0            | 15.39         | 8.81          |
| Ø2.2            | 15.35         | 8.71          |
| Ø2.4            | 15.30         | 8.61          |
| Ø2.6            | 15.25         | 8.51          |
| Ø2.8            | 15.20         | 8.41          |
| Ø3.0            | 15.15         | 8.31          |
| Ø3.2            | 15.09         | 8.21          |
| Ø3.4            | 15.03         | 8.11          |
| Ø3.6            | 14.97         | 8.01          |
| Ø3.8            | 14.91         | 7.91          |
| Ø4.0            | 14.85         | 7.81          |
| Ø4.5            | 14.67         | 7.56          |
| Ø5.0            | 14.48         | 7.31          |

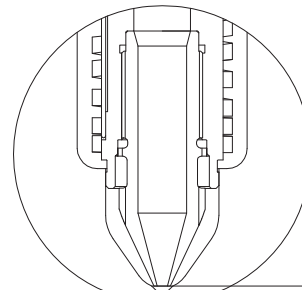
| Heater Cables Assembly Option |                         |
|-------------------------------|-------------------------|
| Back                          | Front (Code Nozzle + F) |
|                               |                         |

## Tip Options

Standard Tip



Thru Hole Tip

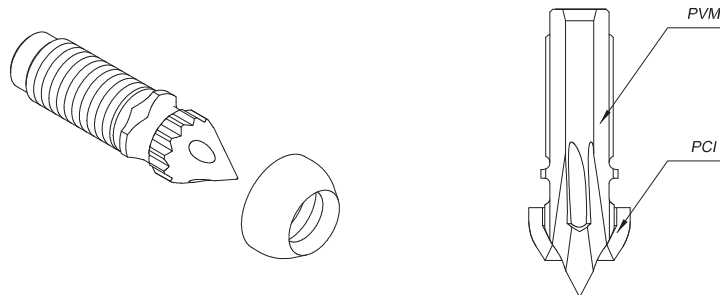


Series 800

Policosmetic Line

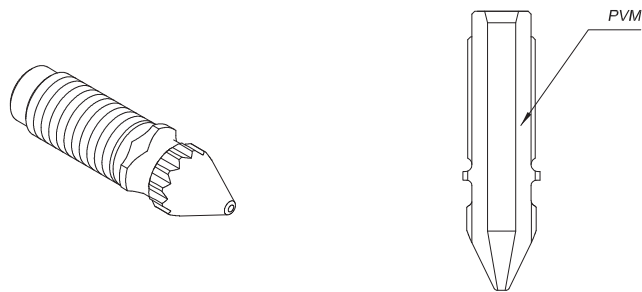
Tip Options

Standard Tip



| Tip        | Insulator  |
|------------|------------|
| PVM14003-A | PCI14001-A |

Thru Hole Tip



| Tip        |
|------------|
| PVM14004-A |

# Series 1000

Policosmetic Line

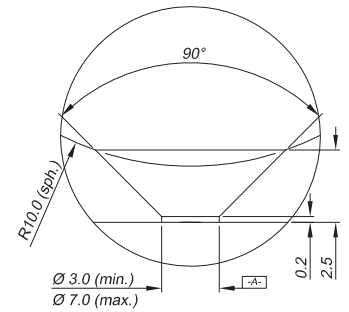
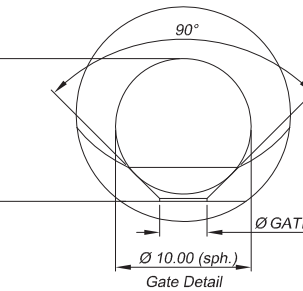
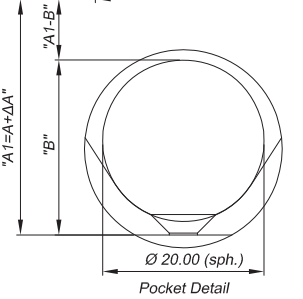
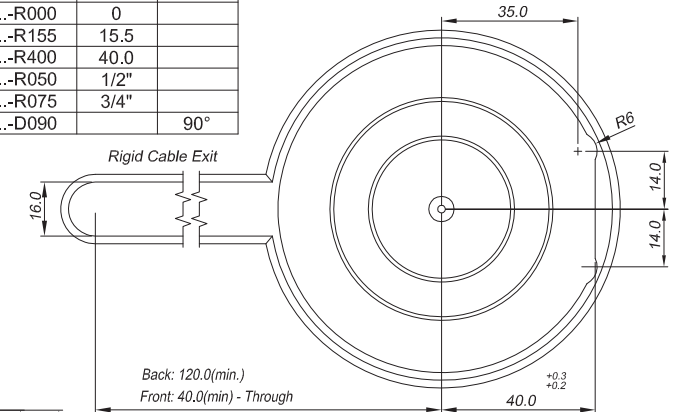
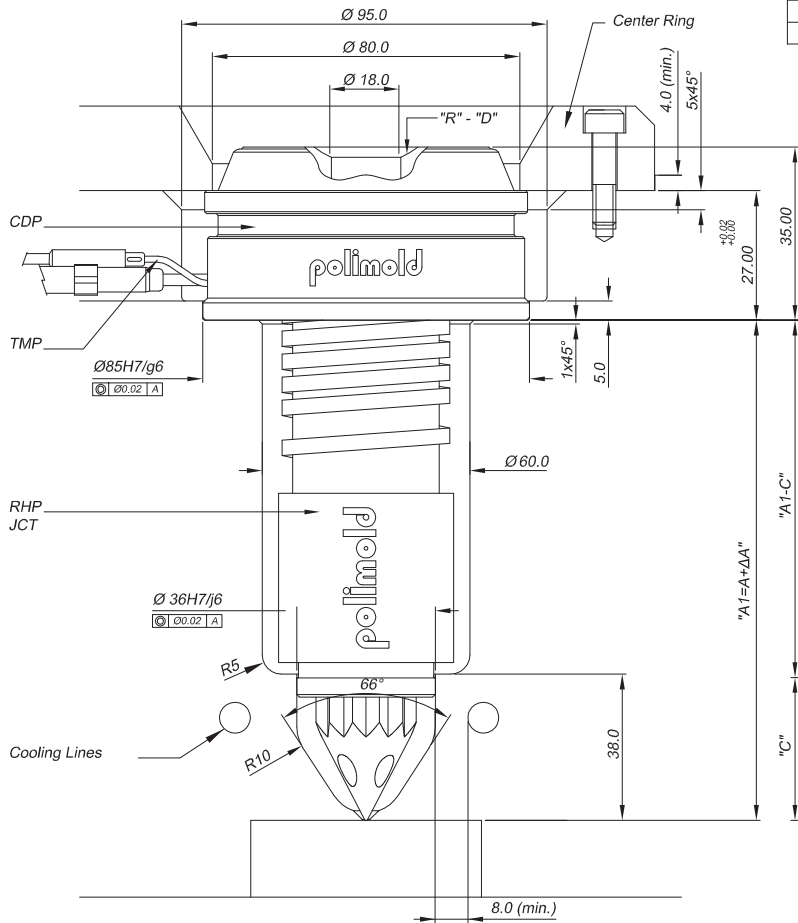
Direct Injection Standard

**polimold**  
INDUSTRIAL S.A.

| Code Coupling | Dimension "R" | Dimension "D" |
|---------------|---------------|---------------|
| ...-R000      | 0             |               |
| ...-R155      | 15.5          |               |
| ...-R400      | 40.0          |               |
| ...-R050      | 1/2"          |               |
| ...-R075      | 3/4"          |               |
| ...-D090      |               | 90°           |

Ex: HDP18130F-R400

RAIO DE Coupling 40mm  
(SPHERICAL RADIUS 40mm)

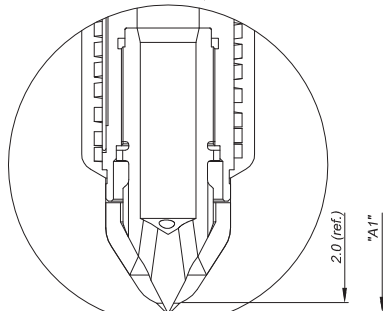


| Nozzle Assembly Specification |               |             |          |          |           |               |         |              |
|-------------------------------|---------------|-------------|----------|----------|-----------|---------------|---------|--------------|
| Code Nozzle                   | Dimension "A" | Components  |          |          |           |               |         |              |
|                               |               | Body Nozzle | Heater   | Jacket   | Tube      | Heater Spacer | Wattage | Thermocouple |
| HDP18080-A-R...               | 80.00         | CDP18080-A  | RHP18053 | JCT18050 | —         | —             | 610W    | TMP01120     |
| HDP18130-A-R...               | 130.00        | CDP18130-A  | RHP18102 | JCT18100 | —         | —             | 760W    | TMP01140     |
| HDP18155-A-R...               | 155.00        | CDP18155-A  | RHP18127 | JCT18100 | —         | —             | 1100W   | TMP01160     |
| HDP18180-A-R...               | 180.00        | CDP18180-A  | RHP18153 | JCT18100 | —         | —             | 1100W   | TMP01180     |
| HDP18205-A-R...               | 205.00        | CDP18205-A  | RHP18178 | JCT18100 | —         | —             | 1100W   | TMP01220     |
| HDP18230-A-R...               | 230.00        | CDP18230-A  | RHP18203 | JCT18051 | TUBO18153 | AEP20604-A    | 1100W   | TMP01240     |
| HDP18255-A-R...               | 255.00        | CDP18255-A  | RHP18229 | JCT18051 | TUBO18179 | AEP20604-A    | 1100W   | TMP01260     |
| HDP18280-A-R...               | 280.00        | CDP18280-A  | RHP18254 | JCT18051 | TUBO18204 | AEP20604-A    | 1100W   | TMP01280     |
| HDP18305-A-R...               | 305.00        | CDP18305-A  | RHP18279 | JCT18051 | TUBO18229 | AEP20604-A    | 1100W   | TMP01300     |
| HDP18330-A-R...               | 330.00        | CDP18330-A  | RHP18307 | JCT18051 | TUBO18254 | AEP20604-A    | 1100W   | TMP01320     |
| HDP18355-A-R...               | 355.00        | CDP18355-A  | RHP18329 | JCT18051 | TUBO18279 | AEP20604-A    | 1100W   | TMP01340     |
| HDP18380-A-R...               | 380.00        | CDP18380-A  | RHP18357 | JCT18051 | TUBO18304 | AEP20604-A    | 1100W   | TMP01360     |
| HDP18405-A-R...               | 405.00        | CDP18405-A  | RHP18379 | JCT18051 | TUBO18329 | AEP20604-A    | 1100W   | TMP01380     |

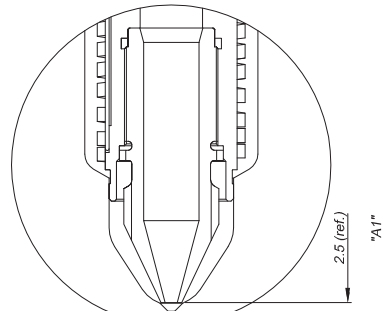
| Diameter "Gate" | Dimension "B" | Dimension "C" |
|-----------------|---------------|---------------|
| Ø3.0            | 21.75         | 10.77         |
| Ø3.5            | 21.64         | 10.52         |
| Ø4.0            | 21.53         | 10.27         |
| Ø4.5            | 21.40         | 10.02         |
| Ø5.0            | 21.27         | 9.77          |
| Ø5.5            | 21.13         | 9.52          |
| Ø6.0            | 20.98         | 9.27          |
| Ø6.5            | 20.82         | 9.02          |
| Ø7.0            | 20.65         | 8.77          |

## Tip Options

Standard Tip



Thru Hole Tip

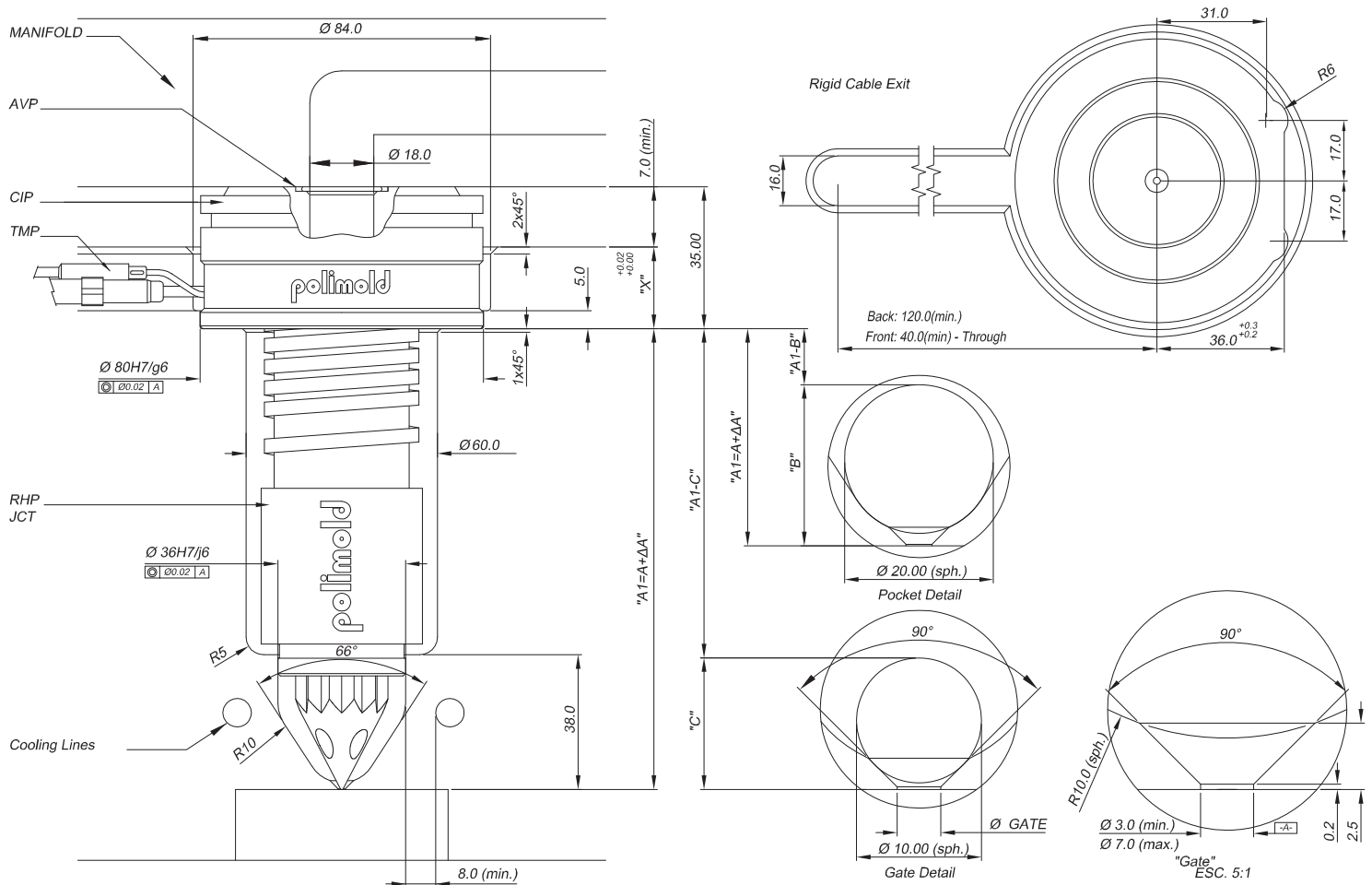


# Series 1000

Policosmetic Line

Nozzles suited to use with Manifold

**polimold**  
INDUSTRIAL S.A.



Nozzle Assembly Specification

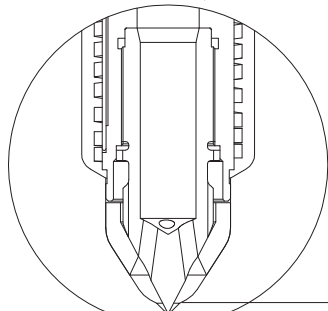
|       | Code Nozzle | Dimension "A" | Components  |           |          |           |               |         |              |
|-------|-------------|---------------|-------------|-----------|----------|-----------|---------------|---------|--------------|
|       |             |               | Body Nozzle | Heater    | Jacket   | Tube      | Heater Spacer | Wattage | Thermocouple |
| Back  | HIP18080-A  | 80.00         | CIP18080-A  | RHP18053  | JCT18050 | —         | —             | 610W    | TMP01120     |
|       | HIP18130-A  | 130.00        | CIP18130-A  | RHP18102  | JCT18100 | —         | —             | 760W    | TMP01140     |
|       | HIP18155-A  | 155.00        | CIP18155-A  | RHP18127  | JCT18100 | —         | —             | 1100W   | TMP01160     |
|       | HIP18180-A  | 180.00        | CIP18180-A  | RHP18153  | JCT18100 | —         | —             | 1100W   | TMP01180     |
|       | HIP18205-A  | 205.00        | CIP18205-A  | RHP18178  | JCT18100 | —         | —             | 1100W   | TMP01220     |
|       | HIP18230-A  | 230.00        | CIP18230-A  | RHP18203  | JCT18051 | TUBO18153 | AEP20604-A    | 1100W   | TMP01240     |
|       | HIP18255-A  | 255.00        | CIP18255-A  | RHP18229  | JCT18051 | TUBO18179 | AEP20604-A    | 1100W   | TMP01260     |
|       | HIP18280-A  | 280.00        | CIP18280-A  | RHP18254  | JCT18051 | TUBO18204 | AEP20604-A    | 1100W   | TMP01280     |
|       | HIP18305-A  | 305.00        | CIP18305-A  | RHP18279  | JCT18051 | TUBO18229 | AEP20604-A    | 1100W   | TMP01300     |
|       | HIP18330-A  | 330.00        | CIP18330-A  | RHP18307  | JCT18051 | TUBO18254 | AEP20604-A    | 1100W   | TMP01320     |
|       | HIP18355-A  | 355.00        | CIP18355-A  | RHP18329  | JCT18051 | TUBO18279 | AEP20604-A    | 1100W   | TMP01340     |
|       | HIP18380-A  | 380.00        | CIP18380-A  | RHP18357  | JCT18051 | TUBO18304 | AEP20604-A    | 1100W   | TMP01360     |
|       | HIP18405-A  | 405.00        | CIP18405-A  | RHP18379  | JCT18051 | TUBO18329 | AEP20604-A    | 1100W   | TMP01380     |
|       | HIP18080F-A | 80.00         | CIP18080-A  | RHP18053F | JCT18050 | —         | —             | 610W    | TMP01120     |
|       | HIP18130F-A | 130.00        | CIP18130-A  | RHP18102F | JCT18100 | —         | —             | 760W    | TMP01140     |
| Front | HIP18155F-A | 155.00        | CIP18155-A  | RHP18127F | JCT18100 | —         | —             | 1100W   | TMP01160     |
|       | HIP18180F-A | 180.00        | CIP18180-A  | RHP18153F | JCT18100 | —         | —             | 1100W   | TMP01180     |
|       | HIP18205F-A | 205.00        | CIP18205-A  | RHP18178F | JCT18100 | —         | —             | 1100W   | TMP01220     |
|       | HIP18230F-A | 230.00        | CIP18230-A  | RHP18203F | JCT18051 | TUBO18153 | AEP20604-A    | 1100W   | TMP01240     |
|       | HIP18255F-A | 255.00        | CIP18255-A  | RHP18229F | JCT18051 | TUBO18179 | AEP20604-A    | 1100W   | TMP01260     |
|       | HIP18280F-A | 280.00        | CIP18280-A  | RHP18254F | JCT18051 | TUBO18204 | AEP20604-A    | 1100W   | TMP01280     |
|       | HIP18305F-A | 305.00        | CIP18305-A  | RHP18279F | JCT18051 | TUBO18229 | AEP20604-A    | 1100W   | TMP01300     |
|       | HIP18330F-A | 330.00        | CIP18330-A  | RHP18307F | JCT18051 | TUBO18254 | AEP20604-A    | 1100W   | TMP01320     |
|       | HIP18355F-A | 355.00        | CIP18355-A  | RHP18329F | JCT18051 | TUBO18279 | AEP20604-A    | 1100W   | TMP01340     |
|       | HIP18380F-A | 380.00        | CIP18380-A  | RHP18357F | JCT18051 | TUBO18304 | AEP20604-A    | 1100W   | TMP01360     |

| Diameter "Gate" | Dimension "B" | Dimension "C" |
|-----------------|---------------|---------------|
| Ø3.0            | 21.75         | 10.77         |
| Ø3.5            | 21.64         | 10.52         |
| Ø4.0            | 21.53         | 10.27         |
| Ø4.5            | 21.40         | 10.02         |
| Ø5.0            | 21.27         | 9.77          |
| Ø5.5            | 21.13         | 9.52          |
| Ø6.0            | 20.98         | 9.27          |
| Ø6.5            | 20.82         | 9.02          |
| Ø7.0            | 20.65         | 8.77          |

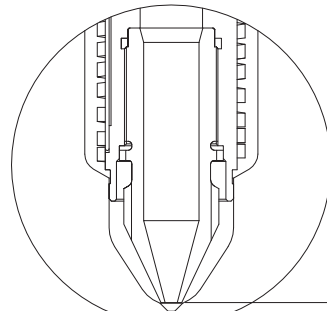
| Heater Cables Assembly Option |                         |
|-------------------------------|-------------------------|
| Back                          | Front (Code Nozzle + F) |
|                               |                         |

## Tip Options

Standard Tip



Thru Hole Tip

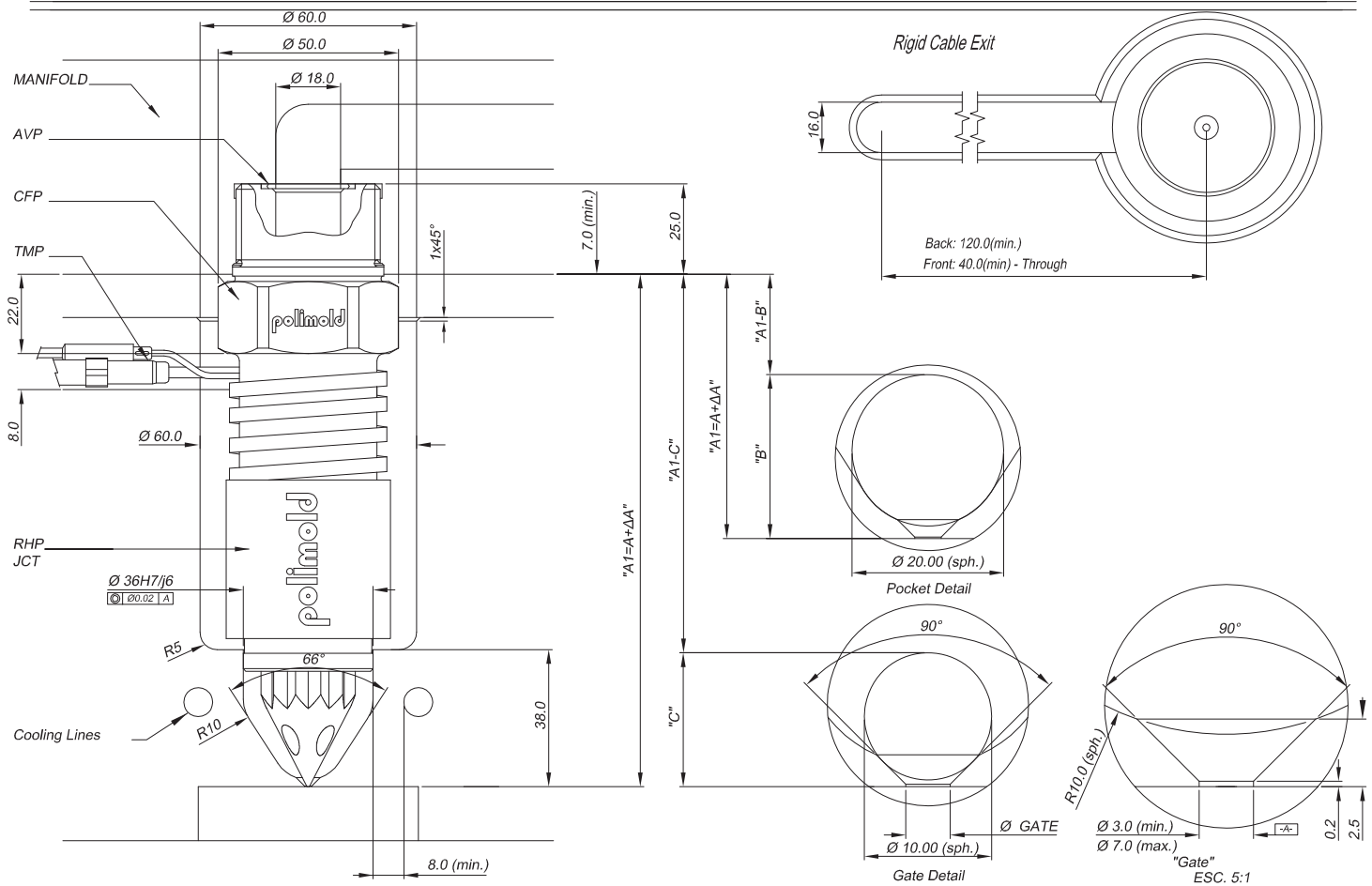


# Series 1000

Policosmetic Line

Nozzles suited to use with Manifold

**polimold**  
INDUSTRIAL S.A.



Nozzle Assembly Specification

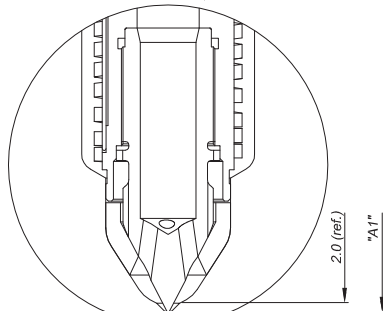
|       | Code Nozzle | Dimension "A" | Components  |           |          |           |               |         |              | Seal Ring  |
|-------|-------------|---------------|-------------|-----------|----------|-----------|---------------|---------|--------------|------------|
|       |             |               | Body Nozzle | Heater    | Jacket   | Tube      | Heater Spacer | Wattage | Thermocouple |            |
| Back  | HRP18115-A  | 115.00        | CFP18115-A  | RHP18053  | JCT18050 | —         | —             | 610W    | TMP01120     | AVP18016-A |
|       | HRP18165-A  | 165.00        | CFP18165-A  | RHP18102  | JCT18100 | —         | —             | 760W    | TMP01140     |            |
|       | HRP18190-A  | 190.00        | CFP18190-A  | RHP18127  | JCT18100 | —         | —             | 1100W   | TMP01160     |            |
|       | HRP18215-A  | 215.00        | CFP18215-A  | RHP18153  | JCT18100 | —         | —             | 1100W   | TMP01180     |            |
|       | HRP18240-A  | 240.00        | CFP18240-A  | RHP18178  | JCT18100 | —         | —             | 1100W   | TMP01220     |            |
|       | HRP18265-A  | 265.00        | CFP18265-A  | RHP18203  | JCT18051 | TUBO18153 | AEP20604-A    | 1100W   | TMP01240     |            |
|       | HRP18290-A  | 290.00        | CFP18290-A  | RHP18229  | JCT18051 | TUBO18179 | AEP20604-A    | 1100W   | TMP01260     |            |
|       | HRP18315-A  | 315.00        | CFP18315-A  | RHP18254  | JCT18051 | TUBO18204 | AEP20604-A    | 1100W   | TMP01280     |            |
|       | HRP18340-A  | 340.00        | CFP18340-A  | RHP18279  | JCT18051 | TUBO18229 | AEP20604-A    | 1100W   | TMP01300     |            |
|       | HRP18365-A  | 365.00        | CFP18365-A  | RHP18307  | JCT18051 | TUBO18254 | AEP20604-A    | 1100W   | TMP01320     |            |
|       | HRP18390-A  | 390.00        | CFP18390-A  | RHP18329  | JCT18051 | TUBO18279 | AEP20604-A    | 1100W   | TMP01340     |            |
|       | HRP18415-A  | 415.00        | CFP18415-A  | RHP18357  | JCT18051 | TUBO18304 | AEP20604-A    | 1100W   | TMP01360     |            |
|       | HRP18440-A  | 440.00        | CFP18440-A  | RHP18379  | JCT18051 | TUBO18329 | AEP20604-A    | 1100W   | TMP01380     |            |
|       | HRP18115F-A | 115.00        | CFP18115-A  | RHP18053F | JCT18050 | —         | —             | 610W    | TMP01120     |            |
|       | HRP18165F-A | 165.00        | CFP18165-A  | RHP18102F | JCT18100 | —         | —             | 760W    | TMP01140     |            |
|       | HRP18190F-A | 190.00        | CFP18190-A  | RHP18127F | JCT18100 | —         | —             | 1100W   | TMP01160     |            |
| Front | HRP18215F-A | 215.00        | CFP18215-A  | RHP18153F | JCT18100 | —         | —             | 1100W   | TMP01180     |            |
|       | HRP18240F-A | 240.00        | CFP18240-A  | RHP18178F | JCT18100 | —         | —             | 1100W   | TMP01220     |            |
|       | HRP18265F-A | 265.00        | CFP18265-A  | RHP18203F | JCT18051 | TUBO18153 | AEP20604-A    | 1100W   | TMP01240     |            |
|       | HRP18290F-A | 290.00        | CFP18290-A  | RHP18229F | JCT18051 | TUBO18179 | AEP20604-A    | 1100W   | TMP01260     |            |
|       | HRP18315F-A | 315.00        | CFP18315-A  | RHP18254F | JCT18051 | TUBO18204 | AEP20604-A    | 1100W   | TMP01280     |            |
|       | HRP18340F-A | 340.00        | CFP18340-A  | RHP18279F | JCT18051 | TUBO18229 | AEP20604-A    | 1100W   | TMP01300     |            |
|       | HRP18365F-A | 365.00        | CFP18365-A  | RHP18307F | JCT18051 | TUBO18254 | AEP20604-A    | 1100W   | TMP01320     |            |
|       | HRP18390F-A | 390.00        | CFP18390-A  | RHP18329F | JCT18051 | TUBO18279 | AEP20604-A    | 1100W   | TMP01340     |            |
|       | HRP18415F-A | 415.00        | CFP18415-A  | RHP18357F | JCT18051 | TUBO18304 | AEP20604-A    | 1100W   | TMP01360     |            |
|       | HRP18440F-A | 440.00        | CFP18440-A  | RHP18379F | JCT18051 | TUBO18329 | AEP20604-A    | 1100W   | TMP01380     |            |

| Diameter "Gate" | Dimension "B" | Dimension "C" |
|-----------------|---------------|---------------|
| Ø3.0            | 21.75         | 10.77         |
| Ø3.5            | 21.64         | 10.52         |
| Ø4.0            | 21.53         | 10.27         |
| Ø4.5            | 21.40         | 10.02         |
| Ø5.0            | 21.27         | 9.77          |
| Ø5.5            | 21.13         | 9.52          |
| Ø6.0            | 20.98         | 9.27          |
| Ø6.5            | 20.82         | 9.02          |
| Ø7.0            | 20.65         | 8.77          |

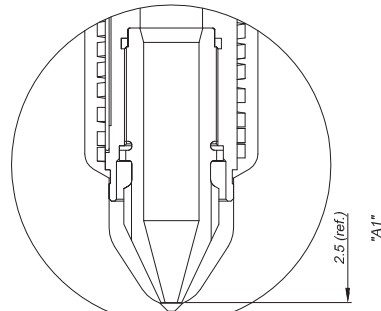
| Heater Cables Assembly Option |                         |
|-------------------------------|-------------------------|
| Back                          | Front (Code Nozzle + F) |
|                               |                         |

## Tip Options

Standard Tip



Thru Hole Tip

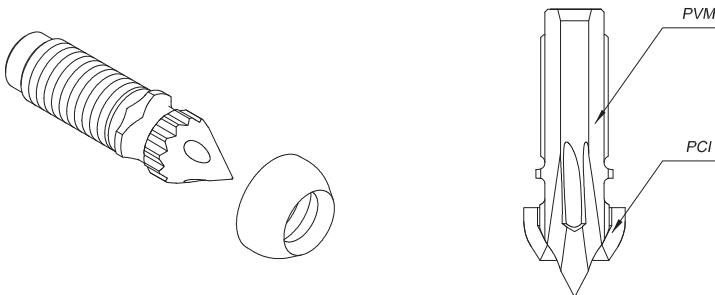


# Series 1000

*Policosmetic Line*

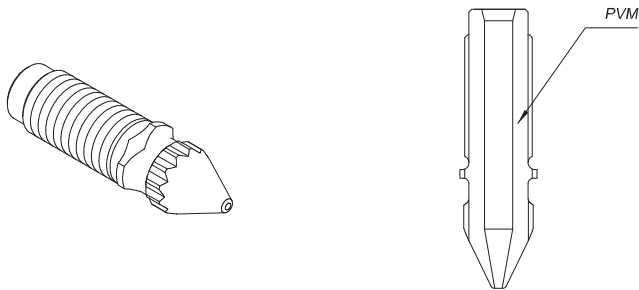
*Tips*

*Standard Tip*



| <i>Tip</i> | <i>Insulator</i> |
|------------|------------------|
| PVM18003-A | PCI18001-A       |

*Thru Hole Tip*



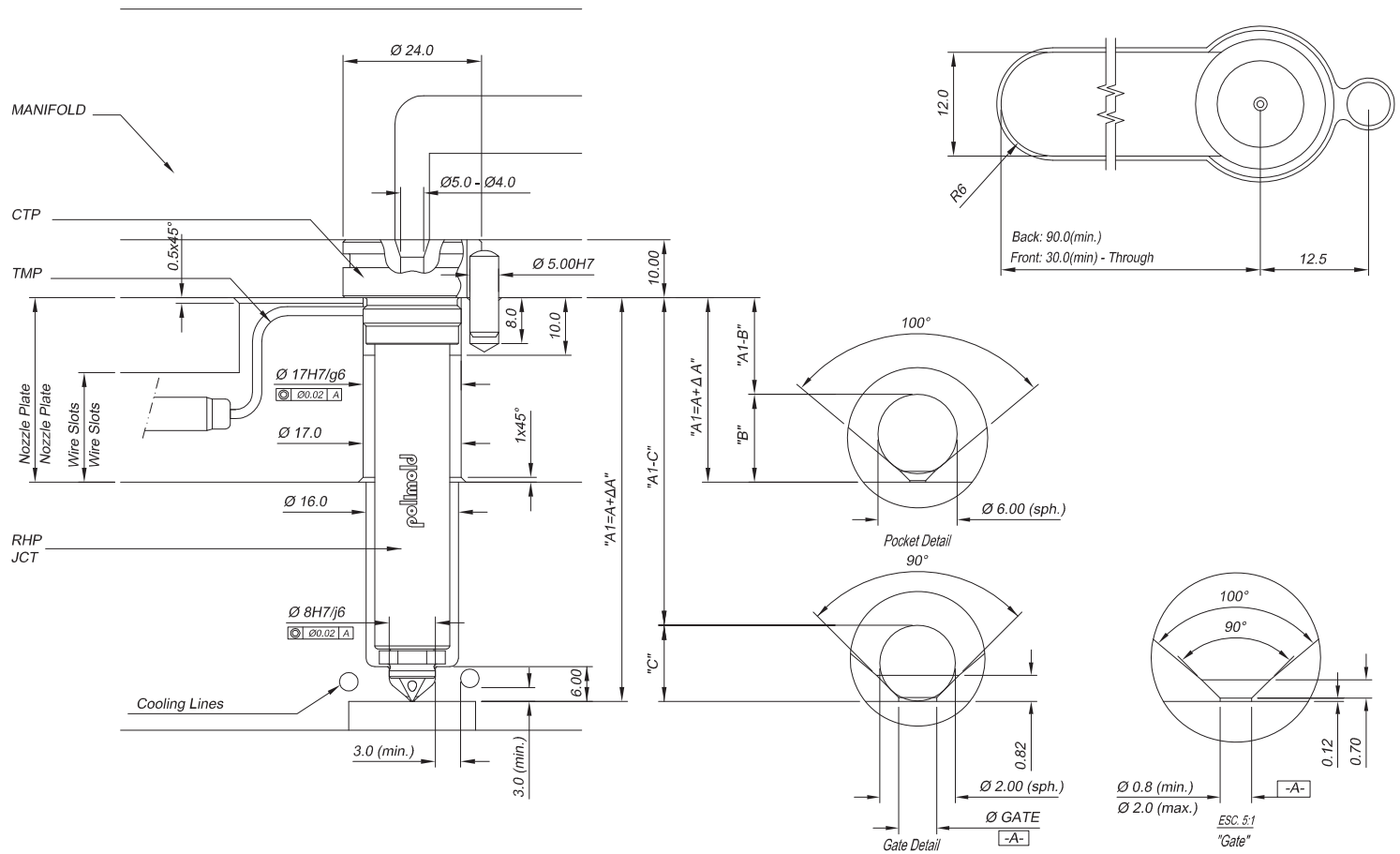
| <i>Tip</i> |
|------------|
| PVM18004-A |

# Series 25

Polifast Line

High Cavitation Injection Standard

polimold  
INDUSTRIAL S.A.

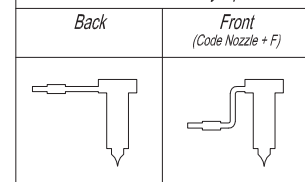


Nozzle Assembly Specification

|                               | Code Nozzle | Dimension "A" | Components  |           |          |         |
|-------------------------------|-------------|---------------|-------------|-----------|----------|---------|
|                               |             |               | Body Nozzle | Heater    | Jacket   | Wattage |
|                               |             |               |             |           |          |         |
| Heater Cables Assembly Option | Back        | BTP04070-D    | CTP04070-D  | RHP04056  | JCT04051 | 220W    |
|                               |             | BTP04095-D    | CTP04095-D  | RHP04081  | JCT04051 | 220W    |
|                               |             | BTP04120-D    | CTP04120-D  | RHP04106  | JCT04101 | 275W    |
|                               |             | BTP04146-D    | CTP04146-D  | RHP04131  | JCT04101 | 330W    |
|                               |             | BTP04170-D    | CTP04170-D  | RHP04156  | JCT04101 | 400W    |
|                               |             | BTP04195-D    | CTP04195-D  | RHP04181  | JCT04101 | 400W    |
|                               | Front       | BTP04070F-D   | CTP04070-D  | RHP04056F | JCT04051 | 220W    |
|                               |             | BTP04095F-D   | CTP04095-D  | RHP04081F | JCT04051 | 220W    |
|                               |             | BTP04120F-D   | CTP04120-D  | RHP04106F | JCT04101 | 275W    |
|                               |             | BTP04146F-D   | CTP04146-D  | RHP04131F | JCT04101 | 330W    |
|                               |             | BTP04170F-D   | CTP04170-D  | RHP04156F | JCT04101 | 400W    |
|                               |             | BTP04195F-D   | CTP04195-D  | RHP04181F | JCT04101 | 400W    |

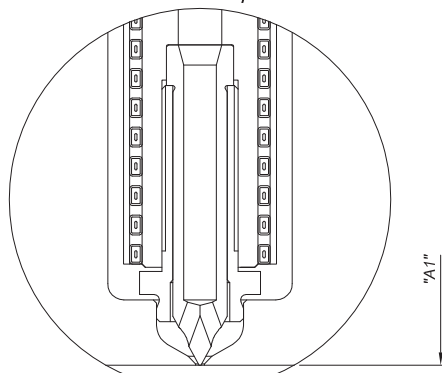
| Diameter "Gate" | Dimension "B" | Dimension "C" |
|-----------------|---------------|---------------|
| Ø0.6            | 6.90          | 3.45          |
| Ø0.8            | 6.82          | 3.35          |
| Ø1.0            | 6.73          | 3.25          |

Heater Cables Assembly Option

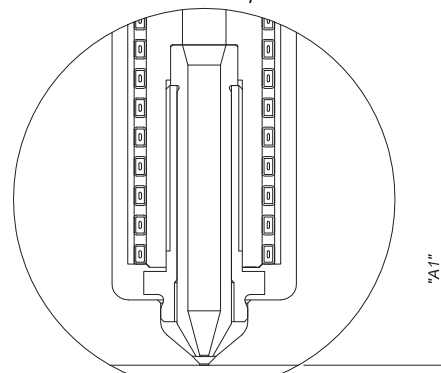


## Tip Options

Standard Tip



Thru Hole Tip





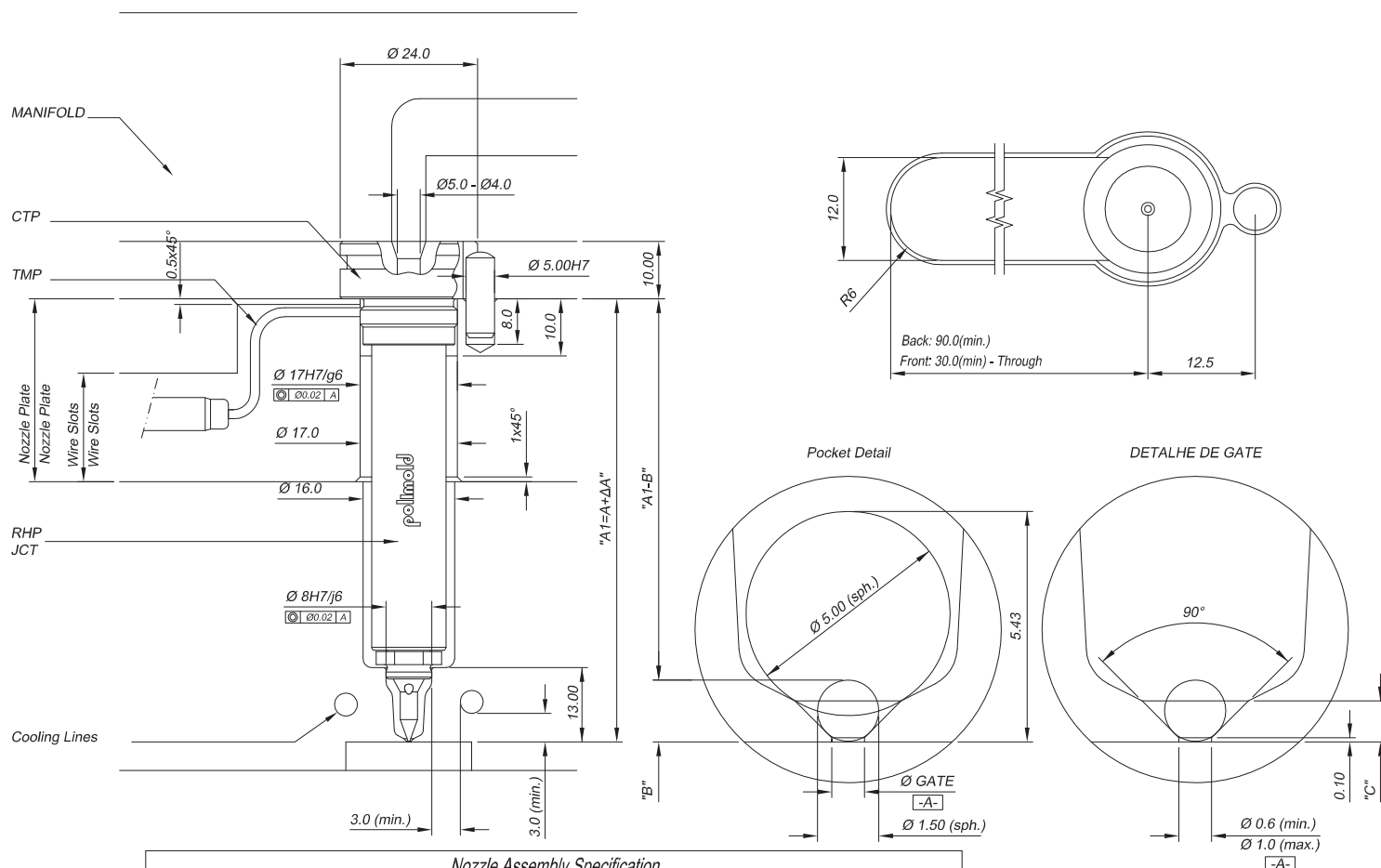
# Series 25

Polifast Line

High Cavitation Injection Standard

polimold  
INDUSTRIAL S.A.

## Pocket Detail

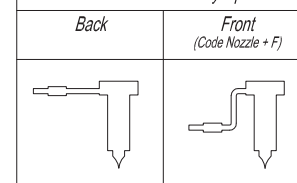


Nozzle Assembly Specification

|                                  |       | Nozzle Assembly Specification |                  |                |           |          |         |
|----------------------------------|-------|-------------------------------|------------------|----------------|-----------|----------|---------|
|                                  |       | Code<br>Nozzle                | Dimension<br>"A" | Components     |           |          |         |
|                                  |       |                               |                  | Body<br>Nozzle | Heater    | Jacket   | Wattage |
| Heater Cables<br>Assembly Option | Back  | BTP04077-D                    | 77.00            | CTP04070-D     | RHP04056  | JCT04051 | 220W    |
|                                  |       | BTP04102-D                    | 102.00           | CTP04095-D     | RHP04081  | JCT04051 | 220W    |
|                                  |       | BTP04127-D                    | 127.00           | CTP04120-D     | RHP04106  | JCT04101 | 275W    |
|                                  |       | BTP04153-D                    | 153.00           | CTP04146-D     | RHP04131  | JCT04101 | 330W    |
|                                  |       | BTP04177-D                    | 177.00           | CTP04170-D     | RHP04156  | JCT04101 | 400W    |
|                                  |       | BTP04202-D                    | 202.00           | CTP04195-D     | RHP04181  | JCT04101 | 400W    |
|                                  | Front | BTP04077F-D                   | 77.00            | CTP04070-D     | RHP04056F | JCT04051 | 220W    |
|                                  |       | BTP04102F-D                   | 102.00           | CTP04095-D     | RHP04081F | JCT04051 | 220W    |
|                                  |       | BTP04127F-D                   | 127.00           | CTP04120-D     | RHP04106F | JCT04101 | 275W    |
|                                  |       | BTP04153F-D                   | 153.00           | CTP04146-D     | RHP04131F | JCT04101 | 330W    |
|                                  |       | BTP04177F-D                   | 177.00           | CTP04170-D     | RHP04156F | JCT04101 | 400W    |
|                                  |       | BTP04202F-D                   | 202.00           | CTP04195-D     | RHP04181F | JCT04101 | 400W    |

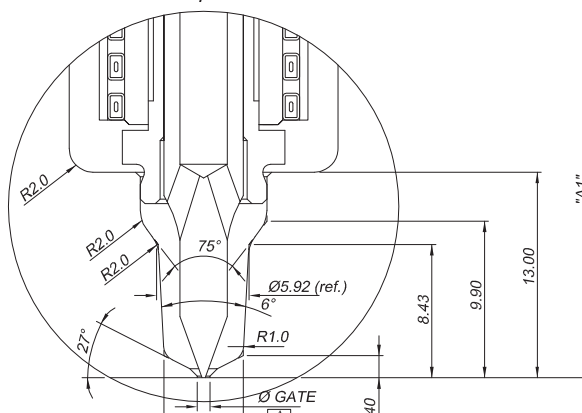
| Diameter "Gate" | Dimension "B" | Dimension "C" |
|-----------------|---------------|---------------|
| Ø0.6            | 1.61          | 0.47          |
| Ø0.8            | 1.51          | 0.57          |
| Ø1.0            | 1.41          | 0.67          |

Heater Cables Assembly Option

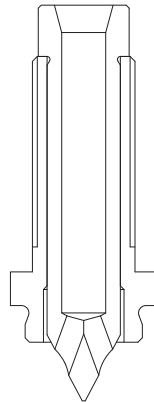
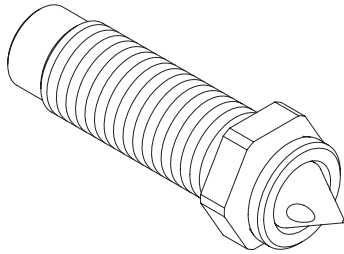


## Tip Options

### Standard Tip Extended

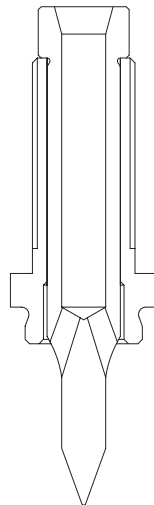
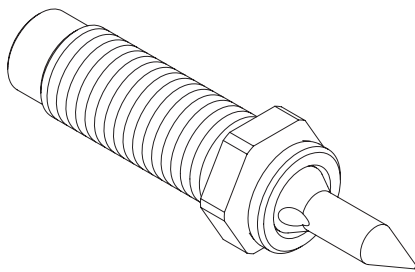


Standard Tip



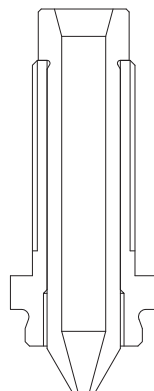
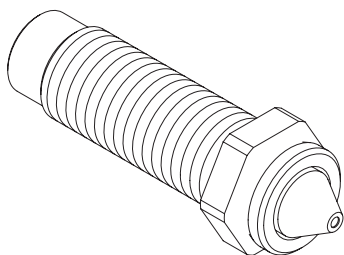
| Tip        | Tip Components |            |                  |
|------------|----------------|------------|------------------|
|            | Needle         | Flange     | Material         |
| PVM04001-D | PDF04501-D     | PPM04401-D | High Performance |

Standard Tip Extended



| Tip        | Tip Components |            |                  |
|------------|----------------|------------|------------------|
|            | Needle         | Flange     | Material         |
| PVM04002-D | PDF04505-D     | PPM04401-D | High Performance |

Thru Hole Tip



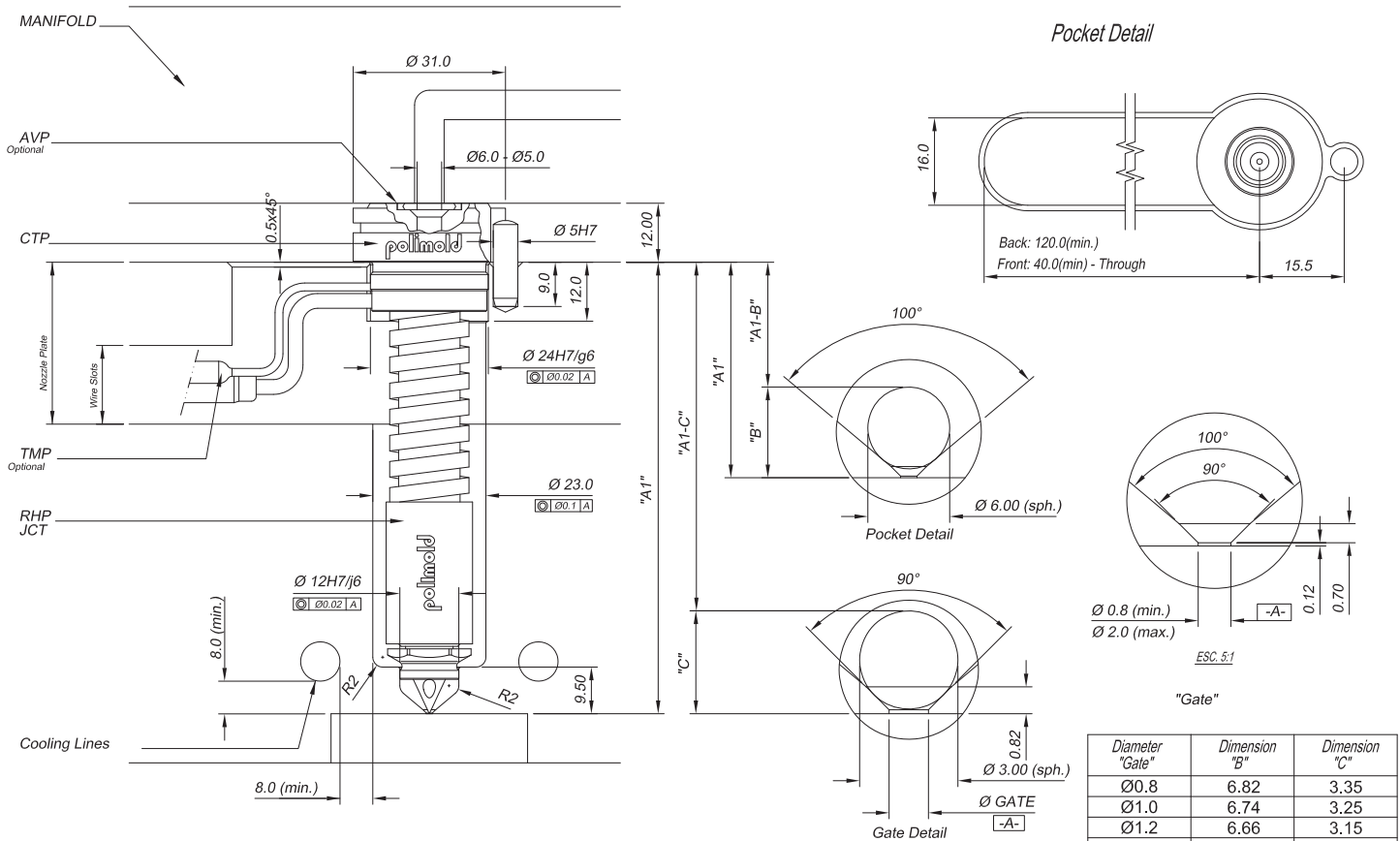
| Tip        | Tip Components |            |                  |
|------------|----------------|------------|------------------|
|            | Needle         | Flange     | Material         |
| PVM04003-D | PDF04506-D     | PPM04401-D | High Performance |

# Series 50

Polifast Line

Nozzles suited to use with Manifold

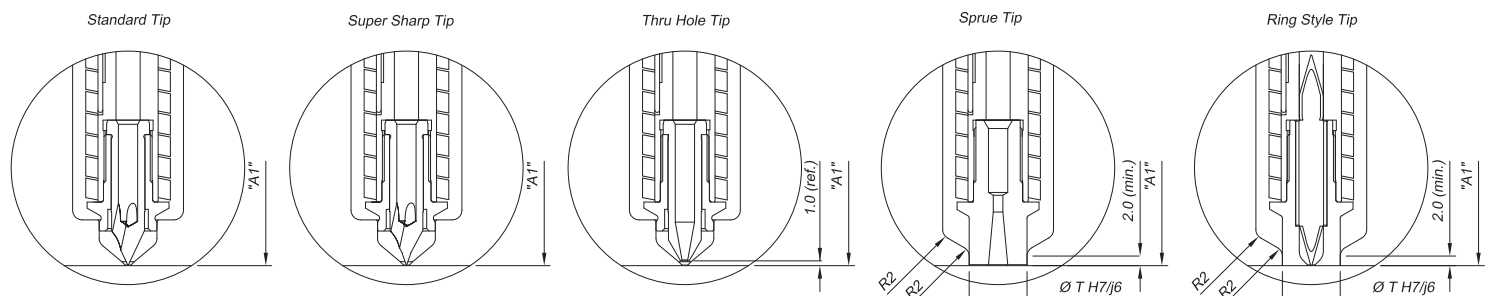
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| Nozzle Assembly Specification |               |             |            |           |          |           |
|-------------------------------|---------------|-------------|------------|-----------|----------|-----------|
| Code Nozzle                   | Dimension "A" | Components  |            |           |          |           |
|                               |               | Body Nozzle | Heater     | Jacket    | Wattage  | Seal Ring |
| Back                          | BTP05045-B    | 45.00       | CTP05045-B | RHP05025  | JCT05025 | 195W      |
|                               | BTP05060-B    | 60.00       | CTP05060-B | RHP05040  | JCT05030 | 260W      |
|                               | BTP05075-B    | 75.00       | CTP05075-B | RHP05055  | JCT05050 | 260W      |
|                               | BTP05100-B    | 100.00      | CTP05100-B | RHP05080  | JCT05050 | 350W      |
|                               | BTP05125-B    | 125.00      | CTP05125-B | RHP05105  | JCT05100 | 350W      |
|                               | BTP05150-B    | 150.00      | CTP05150-B | RHP05130  | JCT05100 | 500W      |
|                               | BTP05175-B    | 175.00      | CTP05175-B | RHP05155  | JCT05100 | 690W      |
|                               | BTP05200-B    | 200.00      | CTP05200-B | RHP05180  | JCT05100 | 690W      |
|                               | BTP05225-B    | 225.00      | CTP05225-B | RHP05205  | JCT05100 | 760W      |
|                               | BTP05250-B    | 250.00      | CTP05250-B | RHP05230  | JCT05100 | 760W      |
|                               | BTP05275-B    | 275.00      | CTP05275-B | RHP05255  | JCT05100 | 760W      |
|                               | BTP05300-B    | 300.00      | CTP05300-B | RHP05280  | JCT05100 | 760W      |
| Front                         | BTP05045F-B   | 45.00       | CTP05045-B | RHP05025F | JCT05025 | 195W      |
|                               | BTP05060F-B   | 60.00       | CTP05060-B | RHP05040F | JCT05050 | 260W      |
|                               | BTP05075F-B   | 75.00       | CTP05075-B | RHP05055F | JCT05050 | 260W      |
|                               | BTP05100F-B   | 100.00      | CTP05100-B | RHP05080F | JCT05050 | 350W      |
|                               | BTP05125F-B   | 125.00      | CTP05125-B | RHP05105F | JCT05050 | 350W      |
|                               | BTP05150F-B   | 150.00      | CTP05150-B | RHP05130F | JCT05100 | 500W      |
|                               | BTP05175F-B   | 175.00      | CTP05175-B | RHP05155F | JCT05100 | 690W      |
|                               | BTP05200F-B   | 200.00      | CTP05200-B | RHP05180F | JCT05100 | 690W      |
|                               | BTP05225F-B   | 225.00      | CTP05225-B | RHP05205F | JCT05100 | 760W      |
|                               | BTP05250F-B   | 250.00      | CTP05250-B | RHP05230F | JCT05100 | 760W      |
|                               | BTP05275F-B   | 275.00      | CTP05275-B | RHP05255F | JCT05100 | 760W      |
|                               | BTP05300F-B   | 300.00      | CTP05300-B | RHP05280F | JCT05100 | 760W      |

| Heater Cables Assembly Option |                         |
|-------------------------------|-------------------------|
| Back                          | Front (Code Nozzle + F) |
|                               |                         |

## Tip Options

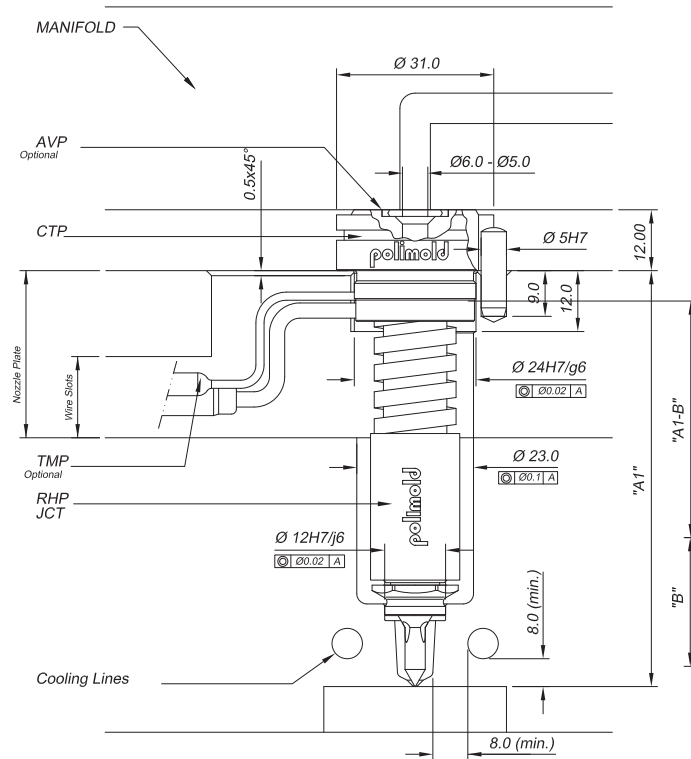


# Series 50

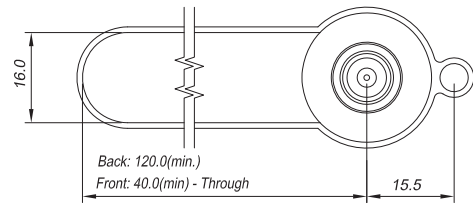
Polifast Line

Nozzles suited to use with Manifold

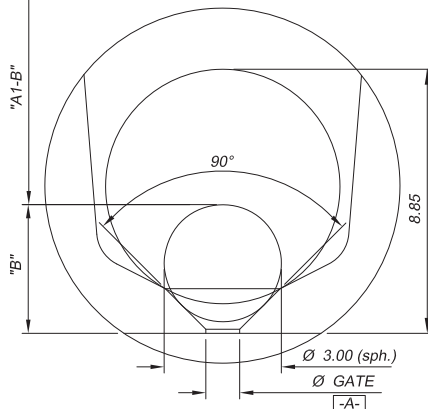
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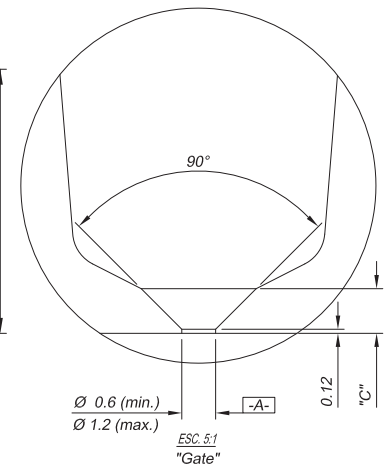
Pocket Detail



Pocket Detail



DETALHE DE GATE



Nozzle Assembly Specification

|             |               | Components  |           |          |         |                        |
|-------------|---------------|-------------|-----------|----------|---------|------------------------|
| Code Nozzle | Dimension "A" | Body Nozzle | Heater    | Jacket   | Wattage | Seal Ring              |
| Back        | BTP05052-B    | CTP05045-B  | RHP05025  | JCT05025 | 195W    | AVP05016-A<br>Optional |
|             | BTP05067-B    | CTP05060-B  | RHP05040  | JCT05030 | 260W    |                        |
|             | BTP05082-B    | CTP05075-B  | RHP05055  | JCT05050 | 260W    |                        |
|             | BTP05107-B    | CTP05100-B  | RHP05080  | JCT05050 | 350W    |                        |
|             | BTP05132-B    | CTP05125-B  | RHP05105  | JCT05100 | 350W    |                        |
|             | BTP05157-B    | CTP05150-B  | RHP05130  | JCT05100 | 500W    |                        |
|             | BTP05182-B    | CTP05175-B  | RHP05155  | JCT05100 | 690W    |                        |
|             | BTP05207-B    | CTP05200-B  | RHP05180  | JCT05100 | 690W    |                        |
|             | BTP05232-B    | CTP05225-B  | RHP05205  | JCT05100 | 760W    |                        |
|             | BTP05257-B    | CTP05250-B  | RHP05230  | JCT05100 | 760W    |                        |
|             | BTP05282-B    | CTP05275-B  | RHP05255  | JCT05100 | 760W    |                        |
|             | BTP05307-B    | CTP05300-B  | RHP05280  | JCT05100 | 760W    |                        |
| Front       | BTP05052F-B   | CTP05045-B  | RHP05025F | JCT05025 | 195W    |                        |
|             | BTP05067F-B   | CTP05060-B  | RHP05040F | JCT05050 | 260W    |                        |
|             | BTP05082F-B   | CTP05075-B  | RHP05055F | JCT05050 | 260W    |                        |
|             | BTP05107F-B   | CTP05100-B  | RHP05080F | JCT05050 | 350W    |                        |
|             | BTP05132F-B   | CTP05125-B  | RHP05105F | JCT05050 | 350W    |                        |
|             | BTP05157F-B   | CTP05150-B  | RHP05130F | JCT05100 | 500W    |                        |
|             | BTP05182F-B   | CTP05175-B  | RHP05155F | JCT05100 | 690W    |                        |
|             | BTP05207F-B   | CTP05200-B  | RHP05180F | JCT05100 | 690W    |                        |
|             | BTP05232F-B   | CTP05225-B  | RHP05205F | JCT05100 | 760W    |                        |
|             | BTP05257F-B   | CTP05250-B  | RHP05230F | JCT05100 | 760W    |                        |
|             | BTP05282F-B   | CTP05275-B  | RHP05255F | JCT05100 | 760W    |                        |
|             | BTP05307F-B   | CTP05300-B  | RHP05280F | JCT05100 | 760W    |                        |

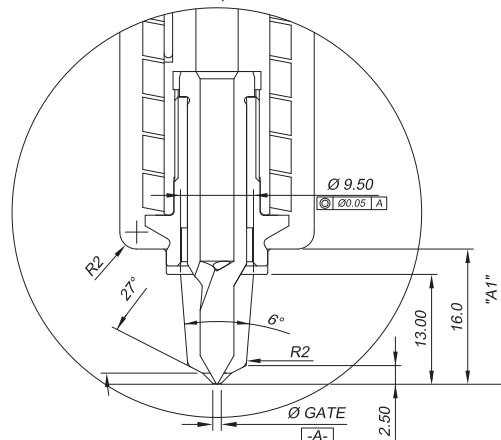
| Diameter "Gate" | Dimension "B" | Dimension "C" |
|-----------------|---------------|---------------|
| Ø0.6            | 3.44          | 0.92          |
| Ø0.8            | 3.34          | 1.03          |
| Ø1.0            | 3.24          | 1.13          |
| Ø1.2            | 3.14          | 1.23          |

Heater Cables Assembly Option

| Back | Front<br>(Code Nozzle + F) |
|------|----------------------------|
|      |                            |

## Tip Options

Standard Tip Extended

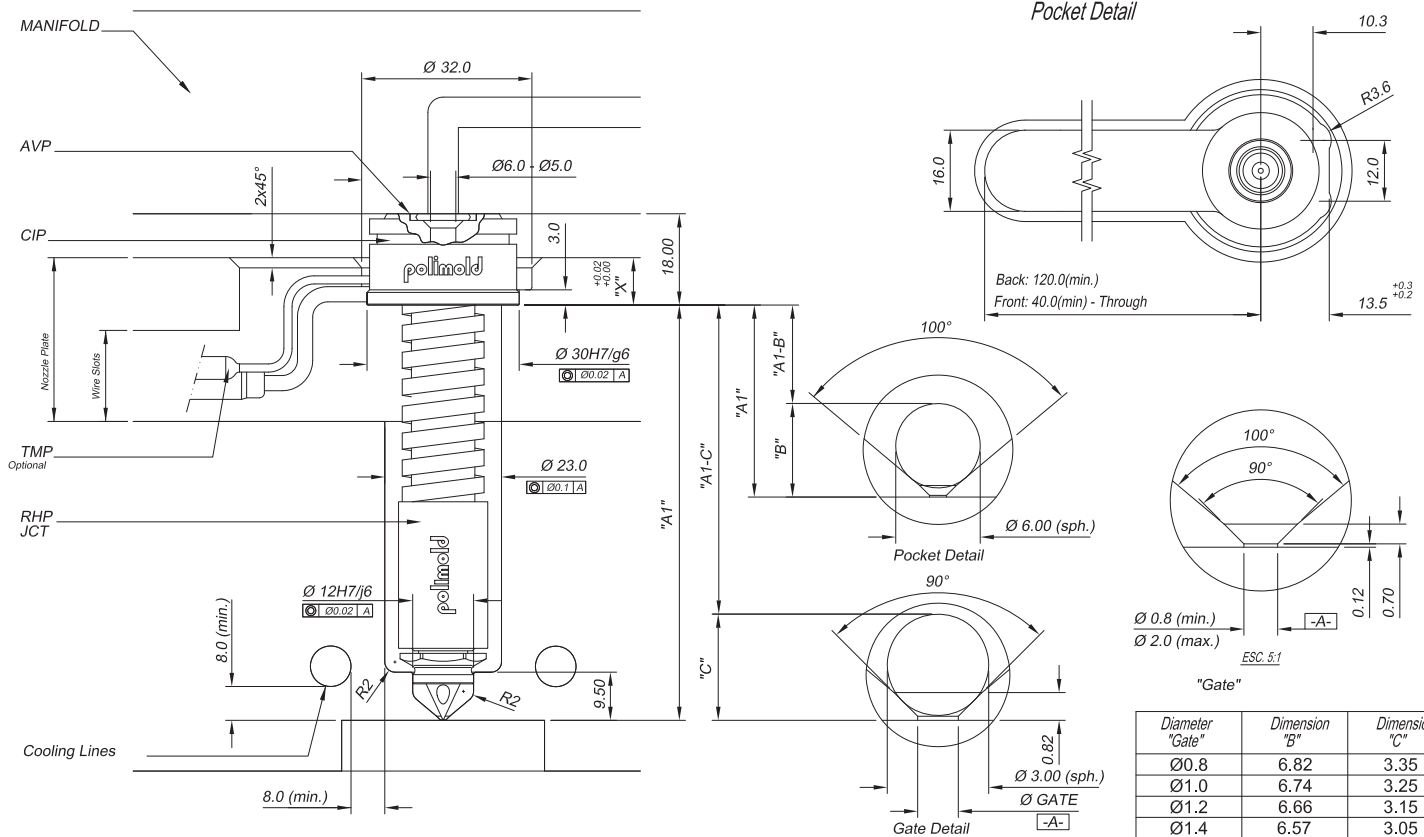


# Series 50

Polifast Line

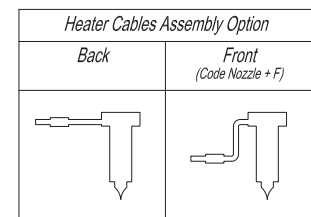
Nozzles suited to use with Manifold

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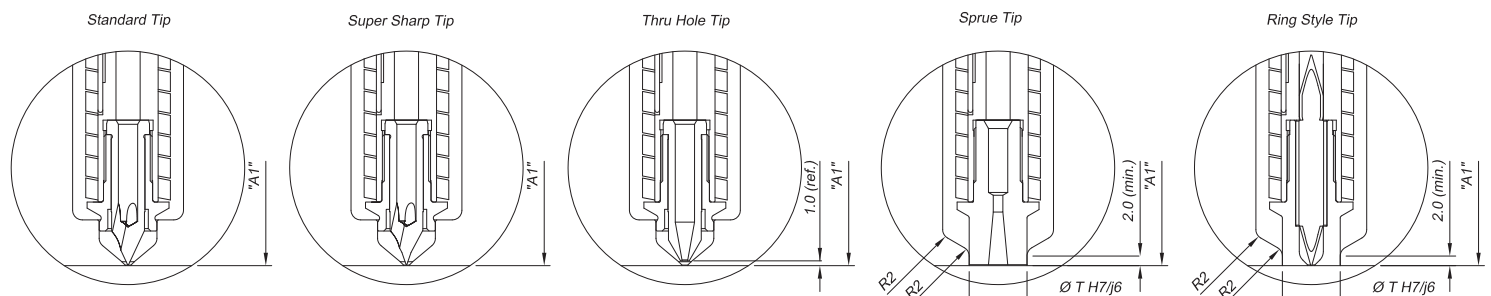


| Diameter "Gate" | Dimension "B" | Dimension "C" |
|-----------------|---------------|---------------|
| Ø0.8            | 6.82          | 3.35          |
| Ø1.0            | 6.74          | 3.25          |
| Ø1.2            | 6.66          | 3.15          |
| Ø1.4            | 6.57          | 3.05          |
| Ø1.6            | 6.49          | 2.95          |
| Ø1.8            | 6.40          | 2.85          |
| Ø2.0            | 6.32          | 2.75          |

|                               |       | Nozzle Assembly Specification |                  |                |           |          |         |              |
|-------------------------------|-------|-------------------------------|------------------|----------------|-----------|----------|---------|--------------|
|                               |       | Code<br>Nozzle                | Dimension<br>"A" | Components     |           |          |         | Seal<br>Ring |
|                               |       |                               |                  | Body<br>Nozzle | Heater    | Jacket   | Wattage |              |
| Heater Cables Assembly Option | Back  | BIP05035-B                    | 35.00            | CIP05035-B     | RHP05025  | JCT05025 | 195W    | AVP05016-A   |
|                               |       | BIP05050-B                    | 50.00            | CIP05050-B     | RHP05040  | JCT05030 | 260W    |              |
|                               |       | BIP05065-B                    | 65.00            | CIP05065-B     | RHP05055  | JCT05050 | 260W    |              |
|                               |       | BIP05090-B                    | 90.00            | CIP05090-B     | RHP05080  | JCT05050 | 350W    |              |
|                               |       | BIP05115-B                    | 115.00           | CIP05115-B     | RHP05105  | JCT05050 | 350W    |              |
|                               |       | BIP05140-B                    | 140.00           | CIP05140-B     | RHP05130  | JCT05100 | 500W    |              |
|                               |       | BIP05165-B                    | 165.00           | CIP05165-B     | RHP05155  | JCT05100 | 690W    |              |
|                               |       | BIP05190-B                    | 190.00           | CIP05190-B     | RHP05180  | JCT05100 | 690W    |              |
|                               |       | BIP05215-B                    | 215.00           | CIP05215-B     | RHP05205  | JCT05100 | 760W    |              |
|                               |       | BIP05240-B                    | 240.00           | CIP05240-B     | RHP05230  | JCT05100 | 760W    |              |
|                               | Front | BIP05265-B                    | 265.00           | CIP05265-B     | RHP05255  | JCT05100 | 760W    |              |
|                               |       | BIP05290-B                    | 290.00           | CIP05290-B     | RHP05280  | JCT05100 | 760W    |              |
|                               |       | BIP05035F-B                   | 35.00            | CIP05035-B     | RHP05025F | JCT05025 | 195W    |              |
|                               |       | BIP05050F-B                   | 50.00            | CIP05050-B     | RHP05040F | JCT05050 | 260W    |              |
|                               |       | BIP05065F-B                   | 65.00            | CIP05065-B     | RHP05055F | JCT05050 | 260W    |              |
|                               |       | BIP05090F-B                   | 90.00            | CIP05090-B     | RHP05080F | JCT05050 | 350W    |              |
|                               |       | BIP05115F-B                   | 115.00           | CIP05115-B     | RHP05105F | JCT05050 | 350W    |              |
|                               |       | BIP05140F-B                   | 140.00           | CIP05140-B     | RHP05130F | JCT05100 | 500W    |              |
|                               |       | BIP05165F-B                   | 165.00           | CIP05165-B     | RHP05155F | JCT05100 | 690W    |              |
|                               |       | BIP05190F-B                   | 190.00           | CIP05190-B     | RHP05180F | JCT05100 | 690W    |              |
|                               |       | BIP05215F-B                   | 215.00           | CIP05215-B     | RHP05205F | JCT05100 | 760W    |              |
|                               |       | BIP05240F-B                   | 240.00           | CIP05240-B     | RHP05230F | JCT05100 | 760W    |              |
|                               |       | BIP05265F-B                   | 265.00           | CIP05265-B     | RHP05255F | JCT05100 | 760W    |              |
|                               |       | BIP05290F-B                   | 290.00           | CIP05290-B     | RHP05280F | JCT05100 | 760W    |              |



## Tip Options

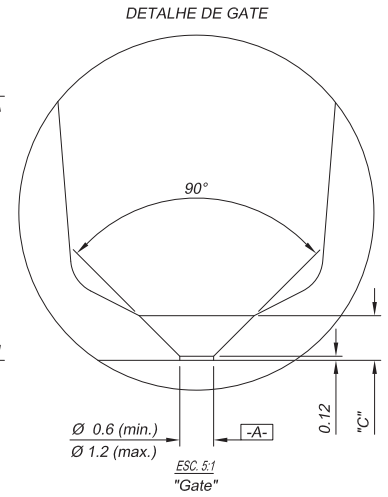
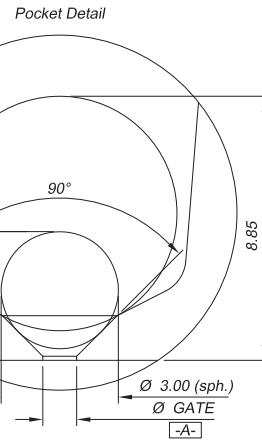
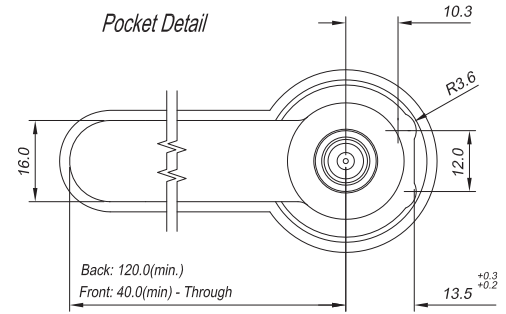
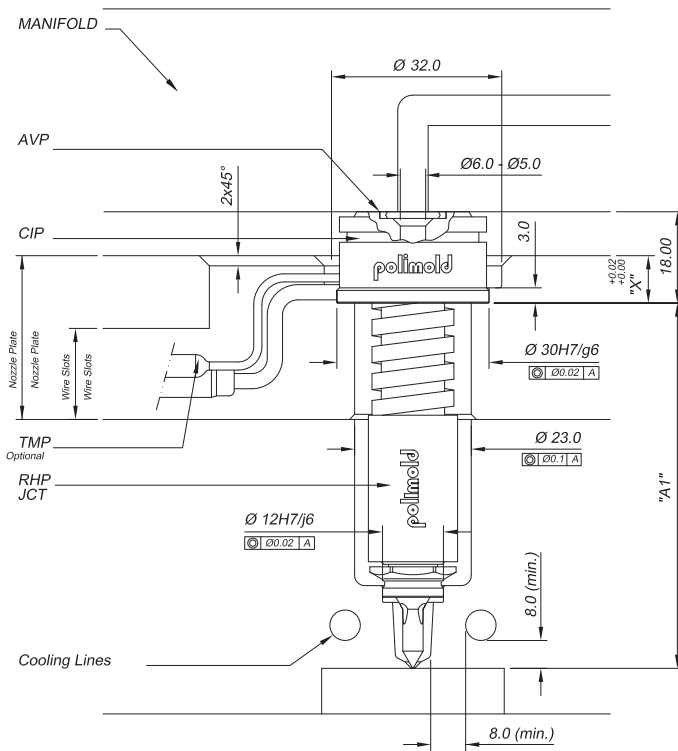


# Series 50

Polifast Line

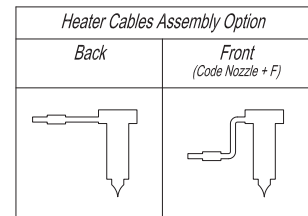
Nozzles suited to use with Manifold

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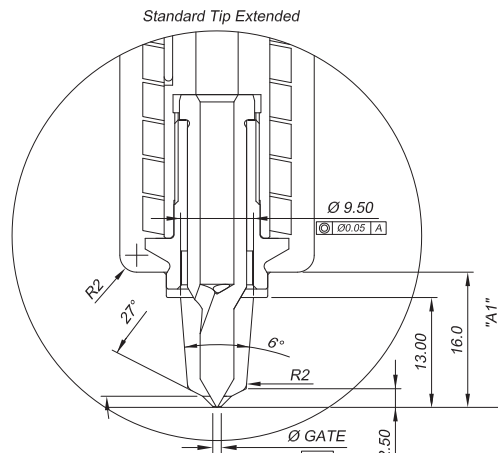


| Nozzle Assembly Specification |             |               |             |           |          |           |
|-------------------------------|-------------|---------------|-------------|-----------|----------|-----------|
|                               | Code Nozzle | Dimension "A" | Components  |           |          | Seal Ring |
|                               |             |               | Body Nozzle | Heater    | Jacket   |           |
| Heater Cables Assembly Option | Back        | BIP05042-B    | CIP05035-B  | RHP05025  | JCT05025 | 195W      |
|                               |             | BIP05057-B    | CIP05050-B  | RHP05040  | JCT05030 | 260W      |
|                               |             | BIP05072-B    | CIP05065-B  | RHP05055  | JCT05050 | 260W      |
|                               |             | BIP05097-B    | CIP05090-B  | RHP05080  | JCT05050 | 350W      |
|                               |             | BIP05122-B    | CIP05115-B  | RHP05105  | JCT05050 | 350W      |
|                               |             | BIP05147-B    | CIP05140-B  | RHP05130  | JCT05100 | 500W      |
|                               |             | BIP05172-B    | CIP05165-B  | RHP05155  | JCT05100 | 690W      |
|                               |             | BIP05197-B    | CIP05190-B  | RHP05180  | JCT05100 | 690W      |
|                               |             | BIP05222-B    | CIP05215-B  | RHP05205  | JCT05100 | 760W      |
|                               |             | BIP05247-B    | CIP05240-B  | RHP05230  | JCT05100 | 760W      |
|                               |             | BIP05272-B    | CIP05265-B  | RHP05255  | JCT05100 | 760W      |
|                               |             | BIP05297-B    | CIP05290-B  | RHP05280  | JCT05100 | 760W      |
|                               | Front       | BIP05042F-B   | CIP05035-B  | RHP05025F | JCT05025 | 195W      |
|                               |             | BIP05057F-B   | CIP05050-B  | RHP05040F | JCT05050 | 260W      |
|                               |             | BIP05072F-B   | CIP05065-B  | RHP05055F | JCT05050 | 260W      |
|                               |             | BIP05097F-B   | CIP05090-B  | RHP05080F | JCT05050 | 350W      |
|                               |             | BIP05122F-B   | CIP05115-B  | RHP05105F | JCT05050 | 350W      |
|                               |             | BIP05147F-B   | CIP05140-B  | RHP05130F | JCT05100 | 500W      |
|                               |             | BIP05172F-B   | CIP05165-B  | RHP05155F | JCT05100 | 690W      |
|                               |             | BIP05197F-B   | CIP05190-B  | RHP05180F | JCT05100 | 690W      |
|                               |             | BIP05222F-B   | CIP05215-B  | RHP05205F | JCT05100 | 760W      |
|                               |             | BIP05247F-B   | CIP05240-B  | RHP05230F | JCT05100 | 760W      |
|                               |             | BIP05272F-B   | CIP05265-B  | RHP05255F | JCT05100 | 760W      |
|                               |             | BIP05297F-B   | CIP05290-B  | RHP05280F | JCT05100 | 760W      |

| Diameter "Gate" | Dimension "B" | Dimension "C" |
|-----------------|---------------|---------------|
| Ø0.6            | 3.44          | 0.92          |
| Ø0.8            | 3.34          | 1.03          |
| Ø1.0            | 3.24          | 1.13          |
| Ø1.2            | 3.14          | 1.23          |



## Tip Options

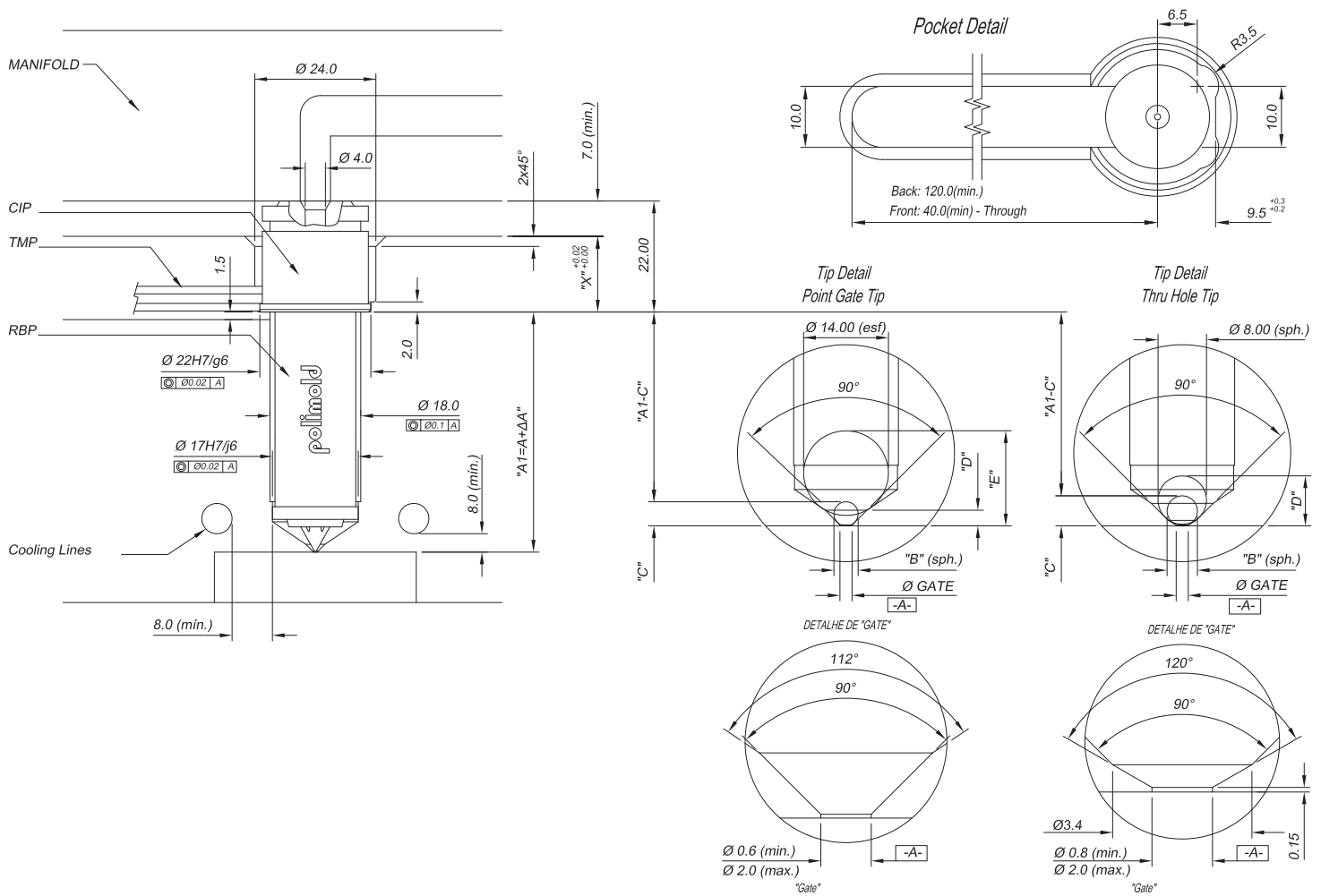


# Series 50

Polifast Line

Nozzles suited to use with Manifold

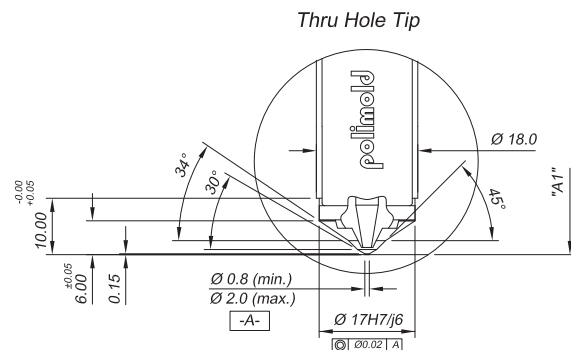
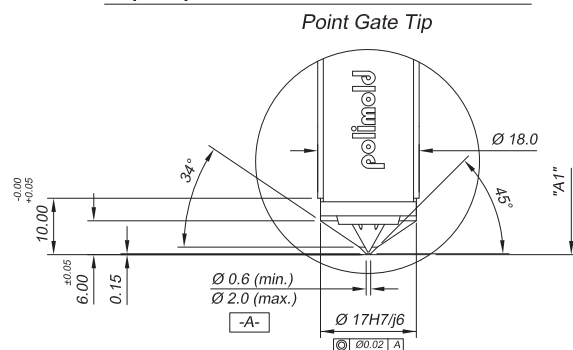
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| Nozzle Assembly Specification |             |               |             |           |         |              |
|-------------------------------|-------------|---------------|-------------|-----------|---------|--------------|
|                               | Code Nozzle | Dimension "A" | Components  |           |         |              |
|                               |             |               | Body Nozzle | Heater    | Wattage | Thermocouple |
|                               |             |               |             |           |         |              |
| Heater Cables Assembly Option | Back        |               |             |           |         |              |
|                               | BMP05047-B  | 47.50         | CMP05047-B  | RBP05044  | 175W    | TMP01080     |
|                               | BMP05057-B  | 57.50         | CMP05057-B  | RBP05054  | 190W    | TMP01100     |
|                               | BMP05067-B  | 67.50         | CMP05067-B  | RBP05064  | 200W    | TMP01120     |
|                               | Front       |               |             |           |         |              |
|                               | BMP05047F-B | 47.50         | CMP05047-B  | RBP05044F | 175W    | TMP01080     |
|                               | BMP05057F-B | 57.50         | CMP05057-B  | RBP05054F | 190W    | TMP01100     |
|                               | BMP05067F-B | 67.50         | CMP05067-B  | RBP05064F | 200W    | TMP01120     |

| Heater Cables Assembly Option |                         |
|-------------------------------|-------------------------|
| Back                          | Front (Code Nozzle + F) |
|                               |                         |

## Tip Options

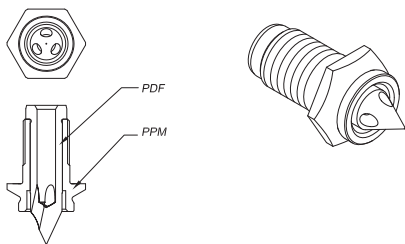


| Diameter "Gate" | Dimension "B" | Dimension "C" | Dimension "D" | Dimension "E" |
|-----------------|---------------|---------------|---------------|---------------|
| Ø0.6            | Ø2.00         | 2.26          | 1.13          | 15.71         |
| Ø0.8            |               | 2.16          | 1.34          |               |
| Ø1.0            |               | 2.06          | 1.54          |               |
| Ø1.2            |               | 3.17          | 1.75          |               |
| Ø1.4            | Ø3.00         | 3.07          | 1.96          |               |
| Ø1.6            |               | 2.97          | 2.17          |               |
| Ø1.8            |               | 4.08          | 2.37          |               |
| Ø2.0            |               | 3.98          | 2.58          |               |
| Ø0.6            | Ø4.00         | 2.26          | 1.13          |               |
| Ø0.8            |               | 2.16          | 1.34          |               |
| Ø1.0            |               | 2.06          | 1.54          |               |
| Ø1.2            |               | 3.17          | 1.75          |               |

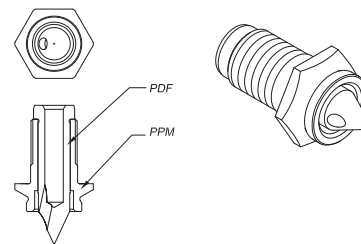
| Diameter "Gate" | Dimension "B" | Dimension "C" | Dimension "D" |
|-----------------|---------------|---------------|---------------|
| Ø0.8            | Ø3.00         | 3.15          | 8.86          |
| Ø1.0            |               | 3.09          | 8.80          |
| Ø1.2            |               | 4.11          | 8.74          |
| Ø1.4            |               | 4.06          | 8.68          |
| Ø1.6            | Ø4.00         | 4.00          | 8.63          |
| Ø1.8            |               | 5.02          | 8.57          |
| Ø2.0            |               | 4.96          | 8.51          |



## Standard Tip

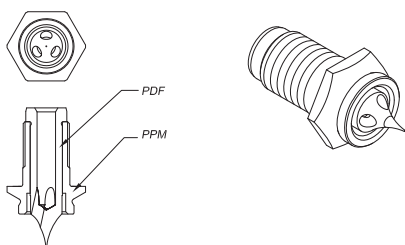


| Tip        | Tip Components |            |                                         |
|------------|----------------|------------|-----------------------------------------|
|            | Needle         | Flange     | Material                                |
| PVM05001-A | PDF05801-A     | PPM05401-A | * STANDARD<br>** STANDARD               |
| PVM05003-A | PDF05801-A     | PPM05801-A | * STANDARD<br>** WEAR RESISTANT         |
| PVM05021-A | PDF05501-A     | PPM05401-A | * High Performance<br>** STANDARD       |
| PVM05023-A | PDF05501-A     | PPM05801-A | * High Performance<br>** WEAR RESISTANT |

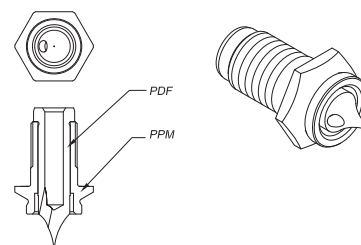


| Tip        | Tip Components |            |                                         |
|------------|----------------|------------|-----------------------------------------|
|            | Needle         | Flange     | Material                                |
| PVM05002-A | PDF05802-A     | PPM05401-A | * STANDARD<br>** STANDARD               |
| PVM05004-A | PDF05802-A     | PPM05801-A | * STANDARD<br>** WEAR RESISTANT         |
| PVM05022-A | PDF05502-A     | PPM05401-A | * High Performance<br>** STANDARD       |
| PVM05024-A | PDF05502-A     | PPM05801-A | * High Performance<br>** WEAR RESISTANT |

## Super Sharp Tip

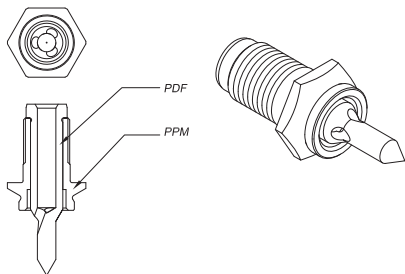


| Tip        | Tip Components |            |                                             |
|------------|----------------|------------|---------------------------------------------|
|            | Needle         | Flange     | Material                                    |
| PVM05005-A | PDF05803-A     | PPM05401-A | * STANDARD<br>** STANDARD                   |
| PVM05007-A | PDF05803-A     | PPM05801-A | * STANDARD<br>** ABRASION RESISTANT         |
| PVM05025-A | PDF05503-A     | PPM05401-A | * High Performance<br>** STANDARD           |
| PVM05027-A | PDF05503-A     | PPM05801-A | * High Performance<br>** ABRASION RESISTANT |

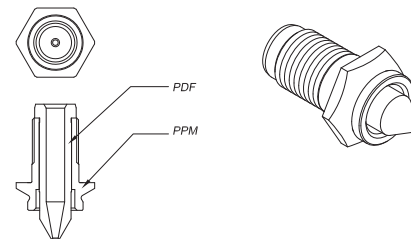


| Tip        | Tip Components |            |                                             |
|------------|----------------|------------|---------------------------------------------|
|            | Needle         | Flange     | Material                                    |
| PVM05006-A | PDF05804-A     | PPM05401-A | * STANDARD<br>** STANDARD                   |
| PVM05008-A | PDF05804-A     | PPM05801-A | * STANDARD<br>** ABRASION RESISTANT         |
| PVM05026-A | PDF05504-A     | PPM05401-A | * High Performance<br>** STANDARD           |
| PVM05028-A | PDF05504-A     | PPM05801-A | * High Performance<br>** ABRASION RESISTANT |

## Standard Tip Extended

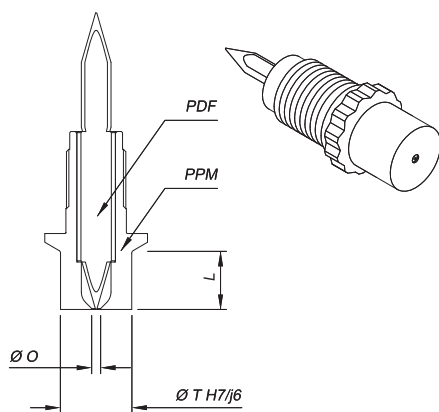


| Tip        | Tip Components |            |                                             |
|------------|----------------|------------|---------------------------------------------|
|            | Needle         | Flange     | Material                                    |
| PVM05011-A | PDF05806-A     | PPM05401-A | * STANDARD<br>** STANDARD                   |
| PVM05013-A | PDF05806-A     | PPM05801-A | * STANDARD<br>** ABRASION RESISTANT         |
| PVM05029-A | PDF05506-A     | PPM05401-A | * High Performance<br>** STANDARD           |
| PVM05031-A | PDF05506-A     | PPM05801-A | * High Performance<br>** ABRASION RESISTANT |



| Tip        | Tip Components |            |                                         |
|------------|----------------|------------|-----------------------------------------|
|            | Needle         | Flange     | Material                                |
| PVM05009-A | PDF05805-A     | PPM05401-A | * STANDARD<br>** STANDARD               |
| PVM05010-A | PDF05805-A     | PPM05801-A | * STANDARD<br>** WEAR RESISTANT         |
| PVM05033-A | PDF05505-A     | PPM05401-A | * High Performance<br>** STANDARD       |
| PVM05034-A | PDF05505-A     | PPM05801-A | * High Performance<br>** WEAR RESISTANT |

## Thru Hole Tip

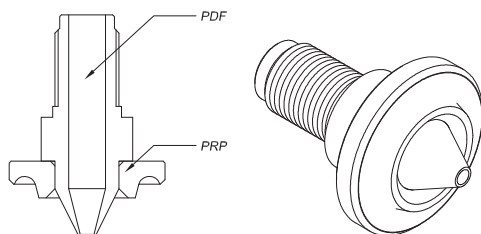


## Ring Style Tip

| Tip Dimension |                |            |            |                  |                  |
|---------------|----------------|------------|------------|------------------|------------------|
| Tip           | Tip Components |            | Material   | Dimension<br>"O" | Dimension<br>"L" |
|               | Needle         | Body       |            |                  |                  |
| PMA05010-A    | PDF05814-A     | PPM05610-A | * STANDARD | 1.50             | 9.50             |
| PMA05011-A    |                | PPM05611-A |            | 2.00             |                  |
| PMA05012-A    |                | PPM05612-A |            | 2.00             |                  |

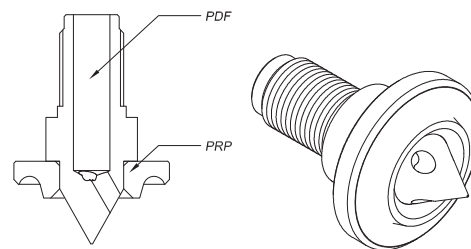


Thru Hole Tip



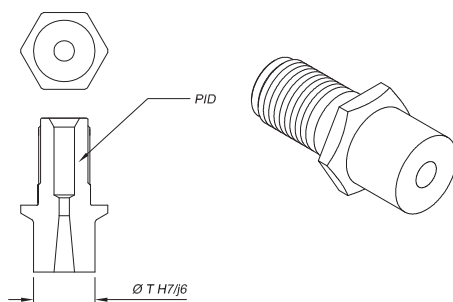
| Tip        | Tip Components |            |                    |
|------------|----------------|------------|--------------------|
|            | Needle         | Flange     | Material           |
| PVM05019-A | PDF05812-A     | PRP05501-A | * STANDARD         |
| PVM05020-A | PDF05813-A     | PRP05501-A | * High Performance |

Point Gate Tip



| Tip        | Tip Components |            |                    |
|------------|----------------|------------|--------------------|
|            | Needle         | Flange     | Material           |
| PVM05017-A | PDF05810-A     | PRP05501-A | * STANDARD         |
| PVM05018-A | PDF05811-A     | PRP05501-A | * High Performance |

Sprue Tip



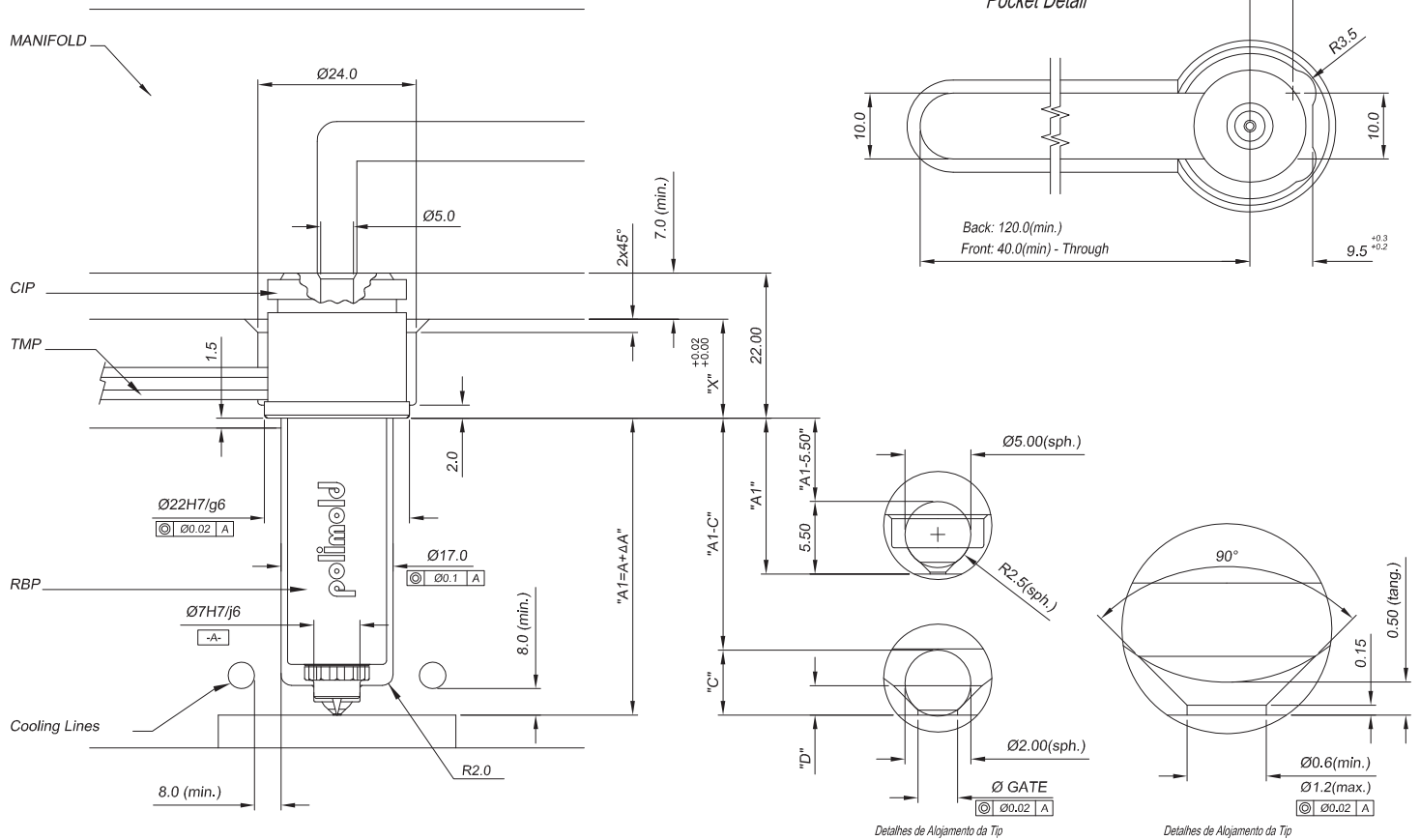
| Tip        | Tip Dimension |
|------------|---------------|
| PID05001-A | 12.00         |
| PID05002-A | 12.50         |

# Series 50

Polimax Line

Nozzles suited to use with Manifold

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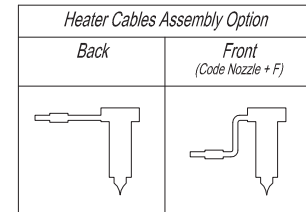


Nozzle Assembly Specification

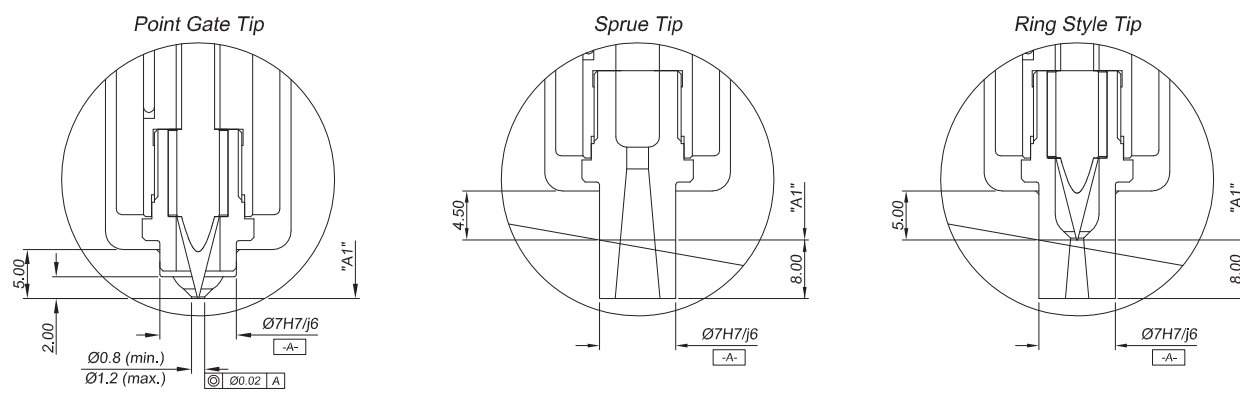
|                               |             | Components    |             |           |         |              |
|-------------------------------|-------------|---------------|-------------|-----------|---------|--------------|
| Heater Cables Assembly Option | Body Nozzle | Dimension "A" |             |           |         |              |
|                               |             |               | Body Nozzle | Heater    | Wattage | Thermocouple |
| Back                          | BMP05045-B  | 45.00         | CMP05045-B  | RBP05044  | 175W    | TMP01080     |
|                               | BMP05055-B  | 55.00         | CMP05055-B  | RBP05054  | 190W    | TMP01100     |
|                               | BMP05065-B  | 65.00         | CMP05065-B  | RBP05064  | 200W    | TMP01120     |
|                               | BMP05045F-B | 45.00         | CMP05045-B  | RBP05044F | 175W    | TMP01080     |
|                               | BMP05055F-B | 55.00         | CMP05055-B  | RBP05054F | 190W    | TMP01100     |
|                               | BMP05065F-B | 65.00         | CMP05065-B  | RBP05064F | 200W    | TMP01120     |
| Front                         | BMP05045F-B | 45.00         | CMP05045-B  | RBP05044F | 175W    | TMP01080     |
|                               | BMP05055F-B | 55.00         | CMP05055-B  | RBP05054F | 190W    | TMP01100     |
|                               | BMP05065F-B | 65.00         | CMP05065-B  | RBP05064F | 200W    | TMP01120     |
|                               | BMP05045F-B | 45.00         | CMP05045-B  | RBP05044F | 175W    | TMP01080     |
|                               | BMP05055F-B | 55.00         | CMP05055-B  | RBP05054F | 190W    | TMP01100     |
|                               | BMP05065F-B | 65.00         | CMP05065-B  | RBP05064F | 200W    | TMP01120     |

| Diameter "Gate" | Dimension "C" | Dimension "D" |
|-----------------|---------------|---------------|
| Ø0.6            | 2.26          | 0.62          |
| Ø0.8            | 2.16          | 0.68          |
| Ø1.0            | 2.06          | 0.76          |
| Ø1.2            | 1.96          | 0.89          |

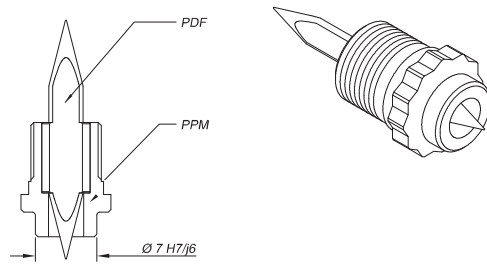
Heater Cables Assembly Option



## Tip Options

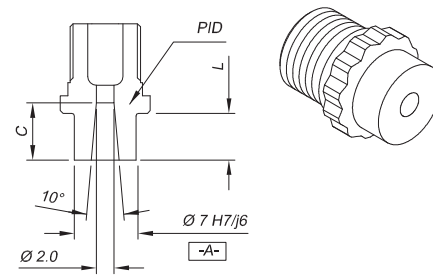


### Point Gate Tip



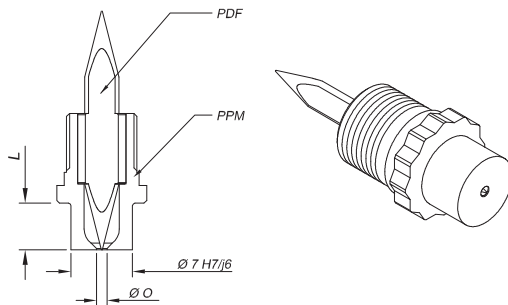
| Tip        | Tip Components |            |                  |
|------------|----------------|------------|------------------|
|            | Needle         | Flange     | Material         |
| PVM05015-A | PDF05808-A     | PPM05403-A | * STANDARD       |
| PVM05016-A | PDF05809-A     | PPM05403-A | * WEAR RESISTANT |

### Sprue Tip



| Tip        | Tip Dimension |               |
|------------|---------------|---------------|
|            | Dimension "L" | Dimension "C" |
| PID05003-A | 5.30          | 6.50          |
| PID05004-A | 13.30         | 14.50         |

### Ring Style Tip



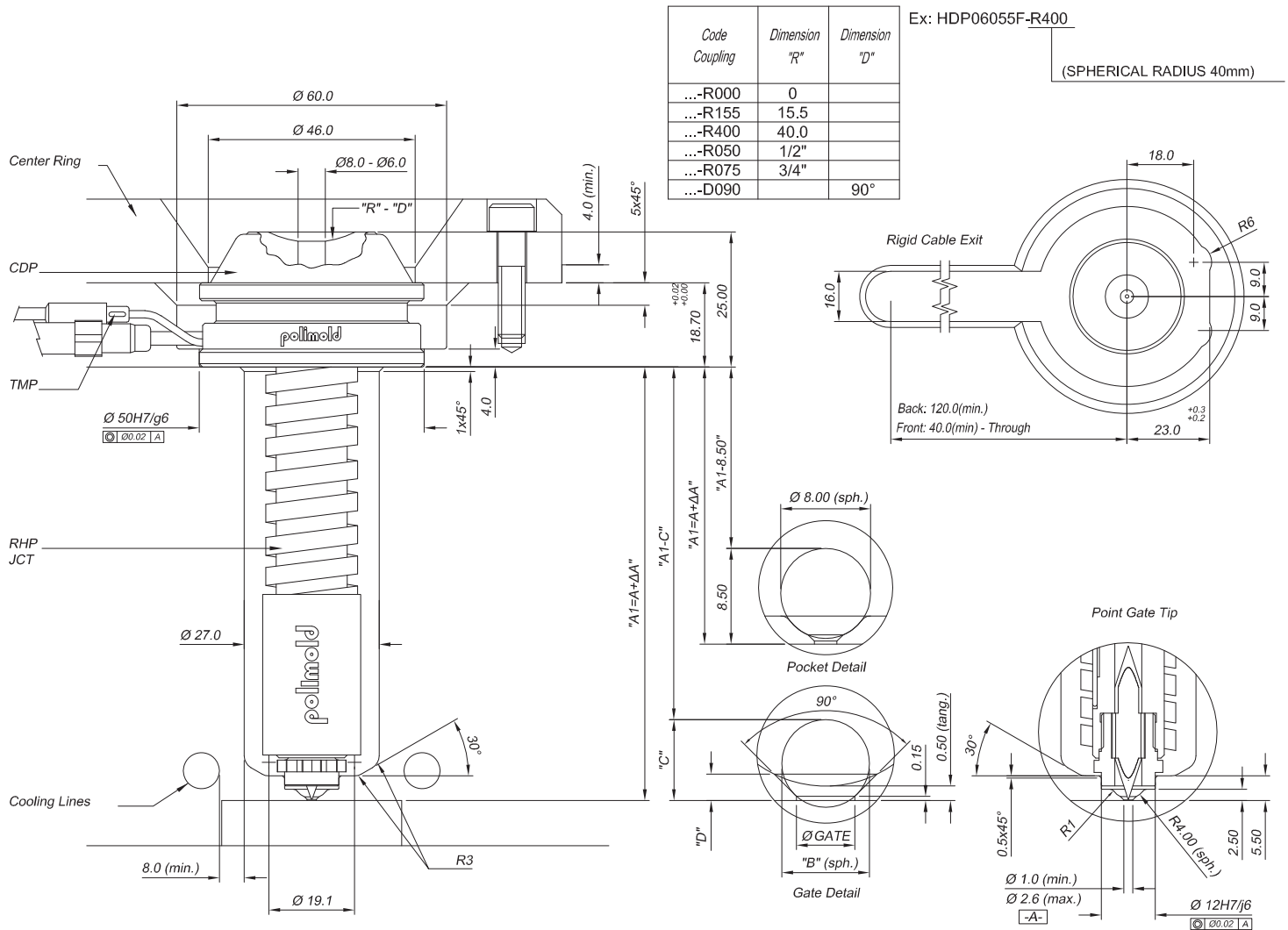
| Tip Dimension |                |            |                  |               |               |
|---------------|----------------|------------|------------------|---------------|---------------|
| Tip           | Tip Components |            | Material         | Dimension "O" | Dimension "L" |
|               | Needle         | Body       |                  |               |               |
| PMA05001-A    | PDF05808-A     | PPM05603-A | * STANDARD       | 0.80          | 5.30          |
| PMA05002-A    |                | PPM05604-A |                  | 1.20          |               |
| PMA05003-A    |                | PPM05605-A |                  | 0.80          | 13.30         |
| PMA05004-A    |                | PPM05606-A |                  | 1.20          |               |
| PMA05005-A    | PDF05809-A     | PPM05603-A | * WEAR RESISTANT | 0.80          | 5.30          |
| PMA05006-A    |                | PPM05604-A |                  | 1.20          |               |
| PMA05007-A    |                | PPM05605-A |                  | 0.80          | 13.30         |
| PMA05008-A    |                | PPM05606-A |                  | 1.20          |               |

# Series 200

Polimax Line

Direct Injection Standard

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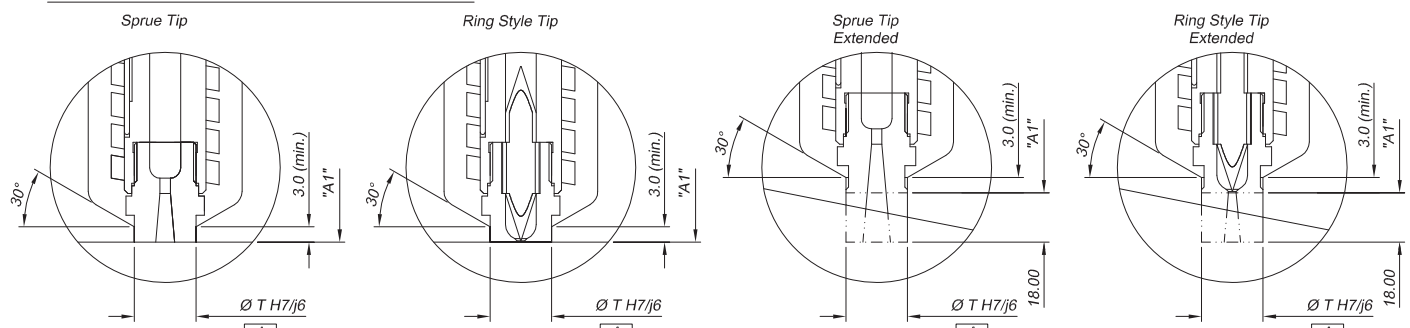


Nozzle Assembly Specification Components

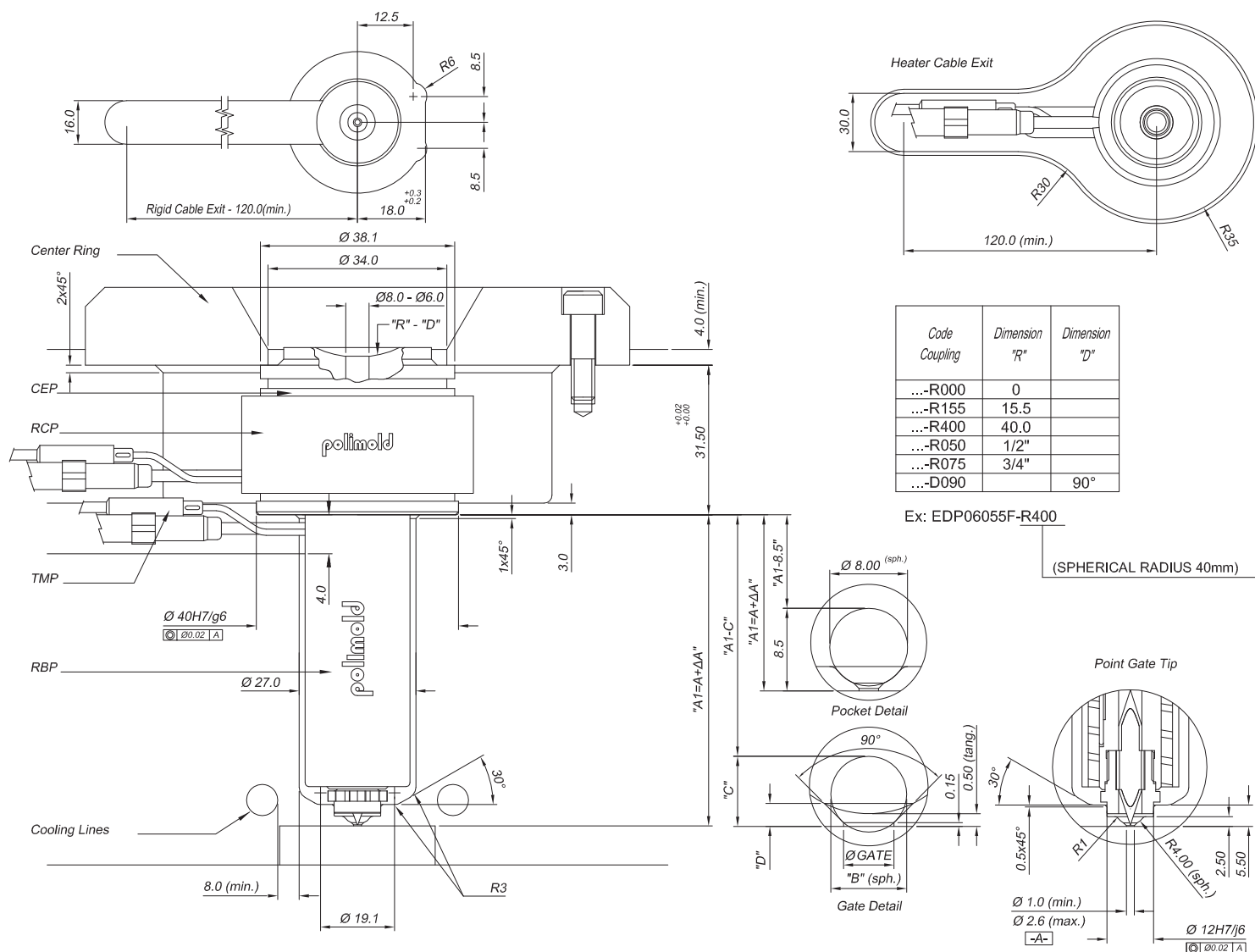
| Code Nozzle     | Dimension "A" | Components  |          |          |         |              |
|-----------------|---------------|-------------|----------|----------|---------|--------------|
|                 |               | Body Nozzle | Heater   | Jacket   | Wattage | Thermocouple |
| HDP06034-A-R... | 35.00         | CDP06034-A  | RHP06031 | JCT06033 | 260W    | TMP01080     |
| HDP06055-A-R... | 55.00         | CDP06055-A  | RHP06051 | JCT06050 | 350W    | TMP01080     |
| HDP06067-A-R... | 67.50         | CDP06067-A  | RHP06063 | JCT06050 | 350W    | TMP01100     |
| HDP06080-A-R... | 80.00         | CDP06080-A  | RHP06076 | JCT06050 | 400W    | TMP01120     |
| HDP06092-A-R... | 92.50         | CDP06092-A  | RHP06089 | JCT06050 | 400W    | TMP01140     |
| HDP06105-A-R... | 105.00        | CDP06105-A  | RHP06102 | JCT06100 | 500W    | TMP01160     |
| HDP06130-A-R... | 130.00        | CDP06130-A  | RHP06127 | JCT06100 | 500W    | TMP01180     |
| HDP06155-A-R... | 155.00        | CDP06155-A  | RHP06153 | JCT06100 | 610W    | TMP01200     |
| HDP06180-A-R... | 180.00        | CDP06180-A  | RHP06178 | JCT06100 | 760W    | TMP01220     |
| HDP06205-A-R... | 205.00        | CDP06205-A  | RHP06203 | JCT06100 | 760W    | TMP01240     |
| HDP06230-A-R... | 230.00        | CDP06230-A  | RHP06228 | JCT06100 | 760W    | TMP01260     |
| HDP06255-A-R... | 255.00        | CDP06255-A  | RHP06253 | JCT06100 | 760W    | TMP01280     |

| Diameter "Gate" | Dimension "B" | Dimension "C" | Dimension "D" |
|-----------------|---------------|---------------|---------------|
| Ø1.0            | Ø2.00         | 2.06          | 0.62          |
| Ø1.2            |               | 1.96          | 0.66          |
| Ø1.4            |               | 1.86          | 0.70          |
| Ø1.6            | Ø3.00         | 2.97          | 0.75          |
| Ø1.8            |               | 2.87          | 0.82          |
| Ø2.0            |               | 2.77          | 0.91          |
| Ø2.2            | Ø4.00         | 3.88          | 1.02          |
| Ø2.4            |               | 3.78          | 1.18          |
| Ø2.6            |               | 3.68          | 1.54          |

## Tip Options



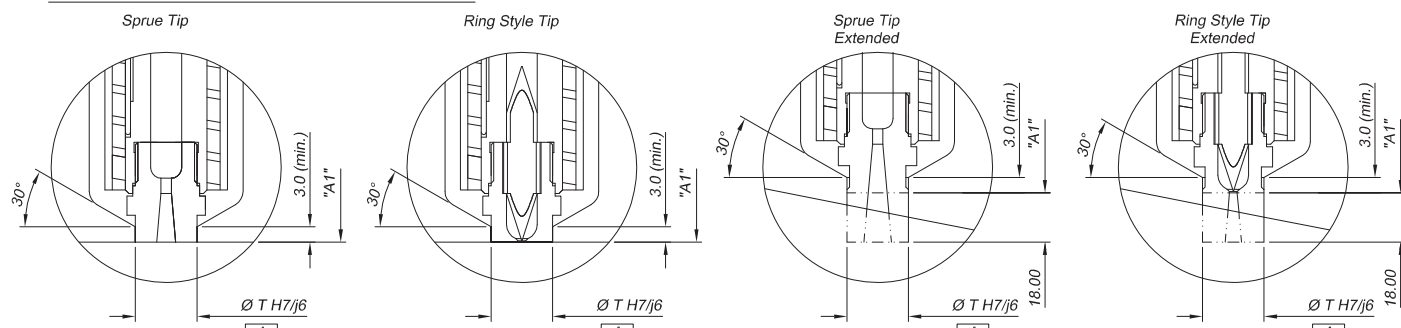
*Polimax Line*  
*Direct Injection Standard*



| Nozzle Assembly Specification Components |                  |                |                   |         |                  |         |              |
|------------------------------------------|------------------|----------------|-------------------|---------|------------------|---------|--------------|
| Code<br>Nozzle                           | Dimension<br>"A" | Components     |                   |         |                  |         |              |
|                                          |                  | Body<br>Nozzle | Heater<br>DO Body | Wattage | Heater<br>Heater | Wattage | Thermocouple |
| EDP06034-A-R...                          | 35.00            | CEP06034-A     | RBP06033          | 295W    | RCP38020         | 295W    | TMP01080     |
| EDP06055-A-R...                          | 55.00            | CEP06055-A     | RBP06053          | 460W    |                  |         | TMP01080     |
| EDP06067-A-R...                          | 67.50            | CEP06067-A     | RBP06065          | 460W    |                  |         | TMP01100     |
| EDP06080-A-R...                          | 80.00            | CEP06080-A     | RBP06078          | 690W    |                  |         | TMP01120     |
| EDP06092-A-R...                          | 92.50            | CEP06092-A     | RBP06092          | 690W    |                  |         | TMP01140     |
| EDP06105-A-R...                          | 105.00           | CEP06105-A     | RBP06104          | 760W    |                  |         | TMP01160     |
| EDP06130-A-R...                          | 130.00           | CEP06130-A     | RBP06129          | 850W    |                  |         | TMP01180     |
| EDP06155-A-R...                          | 155.00           | CEP06155-A     | RBP06155          | 1100W   |                  |         | TMP01200     |
| EDP06180-A-R...                          | 180.00           | CEP06180-A     | RBP06180          | 1100W   |                  |         | TMP01220     |
| EDP06205-A-R...                          | 205.00           | CEP06205-A     | RBP06205          | 1100W   |                  |         | TMP01240     |
| EDP06230-A-R...                          | 230.00           | CEP06230-A     | RBP06230          | 1100W   | TMP01260         |         |              |
| EDP06255-A-R...                          | 255.00           | CEP06255-A     | RBP06255          | 1100W   | TMP01280         |         |              |

| <i>Diameter<br/>"Gate"</i> | <i>Dimension<br/>"B"</i> | <i>Dimension<br/>"C"</i> | <i>Dimension<br/>"D"</i> |
|----------------------------|--------------------------|--------------------------|--------------------------|
| Ø1.0                       | Ø2.00                    | 2.06                     | 0.62                     |
| Ø1.2                       |                          | 1.96                     | 0.66                     |
| Ø1.4                       |                          | 1.86                     | 0.70                     |
| Ø1.6                       | Ø3.00                    | 2.97                     | 0.75                     |
| Ø1.8                       |                          | 2.87                     | 0.82                     |
| Ø2.0                       |                          | 2.77                     | 0.91                     |
| Ø2.2                       | Ø4.00                    | 3.88                     | 1.02                     |
| Ø2.4                       |                          | 3.78                     | 1.18                     |
| Ø2.6                       |                          | 3.68                     | 1.54                     |

### Tip Options

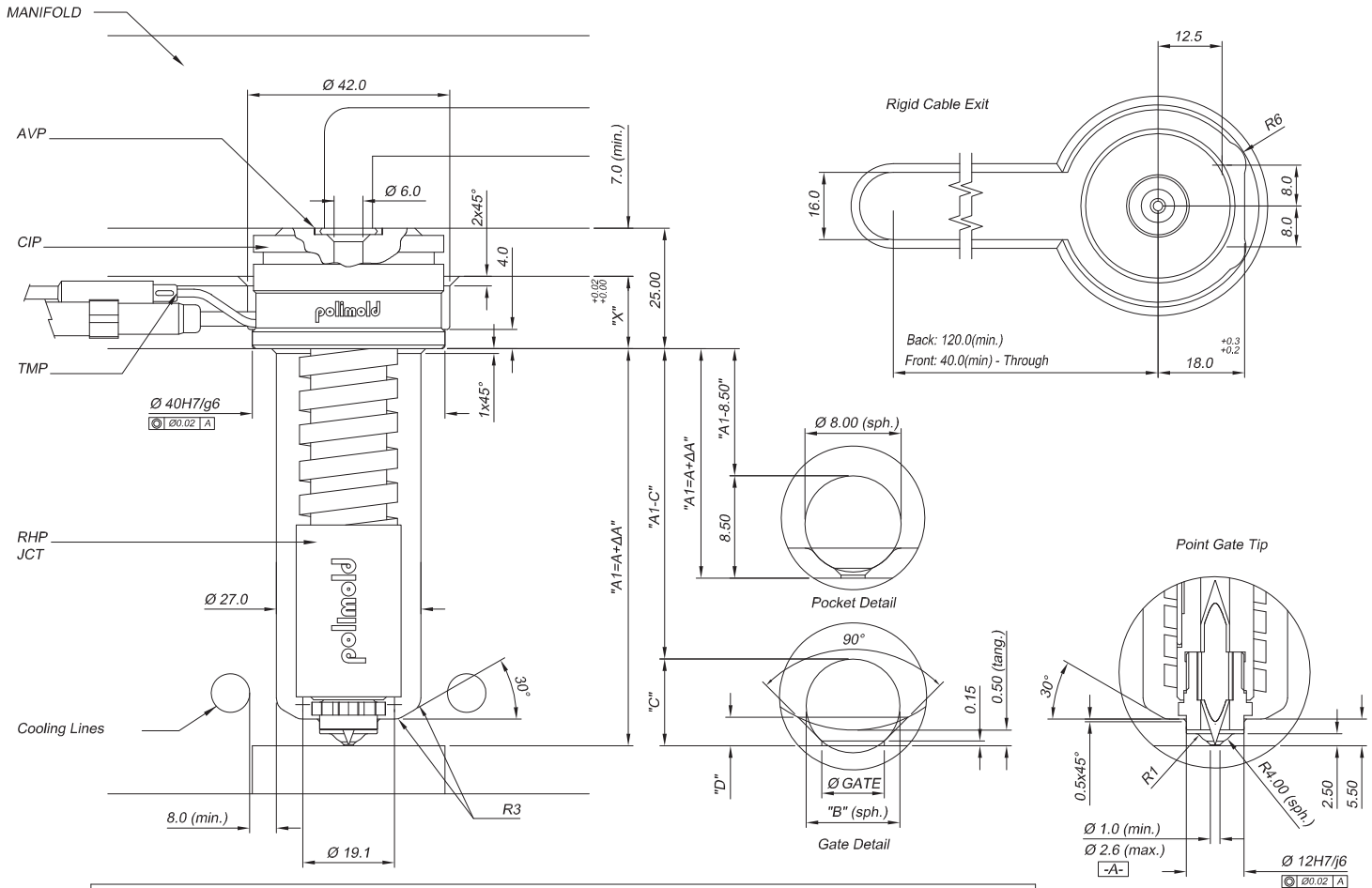


# Series 200

Polimax Line

Nozzles suited to use with Manifold

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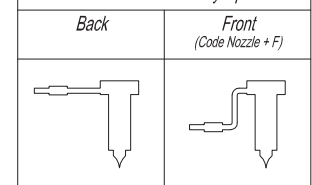


Nozzle Assembly Specification Components

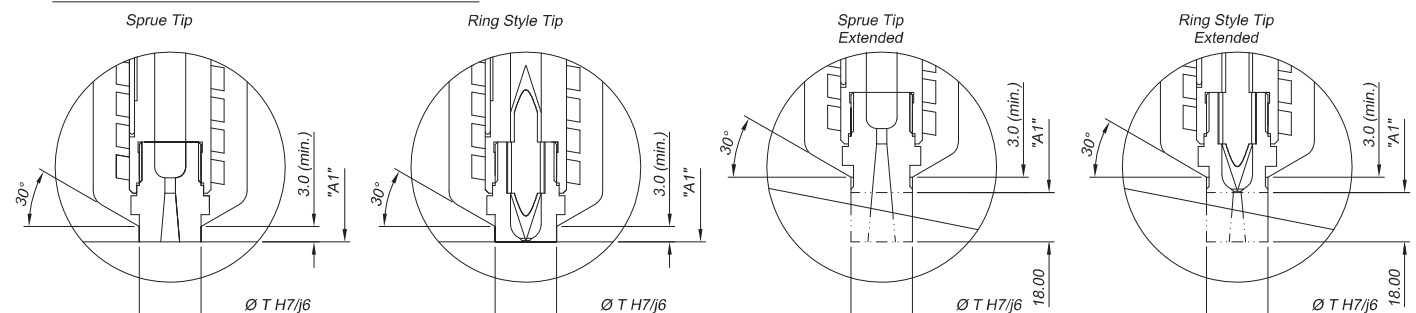
|             |               | Components  |           |          |         |              |           |
|-------------|---------------|-------------|-----------|----------|---------|--------------|-----------|
| Code Nozzle | Dimension "A" | Body Nozzle | Heater    | Jacket   | Wattage | Thermocouple | Seal Ring |
| Back        | HIP06034-A    | CIP06034-A  | RHP06031  | JCT06033 | 260W    | TMP01080     | AVP06016  |
|             | HIP06055-A    | CIP06055-A  | RHP06051  | JCT06050 | 350W    | TMP01080     |           |
|             | HIP06067-A    | CIP06067-A  | RHP06063  | JCT06050 | 350W    | TMP01100     |           |
|             | HIP06080-A    | CIP06080-A  | RHP06076  | JCT06050 | 400W    | TMP01120     |           |
|             | HIP06092-A    | CIP06092-A  | RHP06089  | JCT06050 | 400W    | TMP01140     |           |
|             | HIP06105-A    | CIP06105-A  | RHP06102  | JCT06100 | 500W    | TMP01160     |           |
|             | HIP06130-A    | CIP06130-A  | RHP06127  | JCT06100 | 500W    | TMP01180     |           |
|             | HIP06155-A    | CIP06155-A  | RHP06153  | JCT06100 | 610W    | TMP01200     |           |
|             | HIP06180-A    | CIP06180-A  | RHP06178  | JCT06100 | 760W    | TMP01220     |           |
|             | HIP06205-A    | CIP06205-A  | RHP06203  | JCT06100 | 760W    | TMP01240     |           |
|             | HIP06230-A    | CIP06230-A  | RHP06228  | JCT06100 | 760W    | TMP01260     |           |
|             | HIP06255-A    | CIP06255-A  | RHP06253  | JCT06100 | 760W    | TMP01280     |           |
| Front       | HIP06034F-A   | CIP06034-A  | RHP06031F | JCT06033 | 260W    | TMP01080     |           |
|             | HIP06055F-A   | CIP06055-A  | RHP06051F | JCT06050 | 350W    | TMP01080     |           |
|             | HIP06067F-A   | CIP06067-A  | RHP06063F | JCT06050 | 350W    | TMP01100     |           |
|             | HIP06080F-A   | CIP06080-A  | RHP06076F | JCT06050 | 400W    | TMP01120     |           |
|             | HIP06092F-A   | CIP06092-A  | RHP06089F | JCT06050 | 400W    | TMP01140     |           |
|             | HIP06105F-A   | CIP06105-A  | RHP06102F | JCT06100 | 500W    | TMP01160     |           |
|             | HIP06130F-A   | CIP06130-A  | RHP06127F | JCT06100 | 500W    | TMP01180     |           |
|             | HIP06155F-A   | CIP06155-A  | RHP06153F | JCT06100 | 610W    | TMP01200     |           |
|             | HIP06180F-A   | CIP06180-A  | RHP06178F | JCT06100 | 760W    | TMP01220     |           |
|             | HIP06205F-A   | CIP06205-A  | RHP06203F | JCT06100 | 760W    | TMP01240     |           |
|             | HIP06230F-A   | CIP06230-A  | RHP06228F | JCT06100 | 760W    | TMP01260     |           |
|             | HIP06255F-A   | CIP06255-A  | RHP06253F | JCT06100 | 760W    | TMP01280     |           |

| Diameter "Gate" | Dimension "B" | Dimension "C" | Dimension "D" |
|-----------------|---------------|---------------|---------------|
| Ø1.0            | Ø2.00         | 2.06          | 0.62          |
| Ø1.2            |               | 1.96          | 0.66          |
| Ø1.4            |               | 1.86          | 0.70          |
| Ø1.6            |               | 2.97          | 0.75          |
| Ø1.8            | Ø3.00         | 2.87          | 0.82          |
| Ø2.0            |               | 2.77          | 0.91          |
| Ø2.2            | Ø4.00         | 3.88          | 1.02          |
| Ø2.4            |               | 3.78          | 1.18          |
| Ø2.6            |               | 3.68          | 1.54          |

Heater Cables Assembly Option



## Tip Options

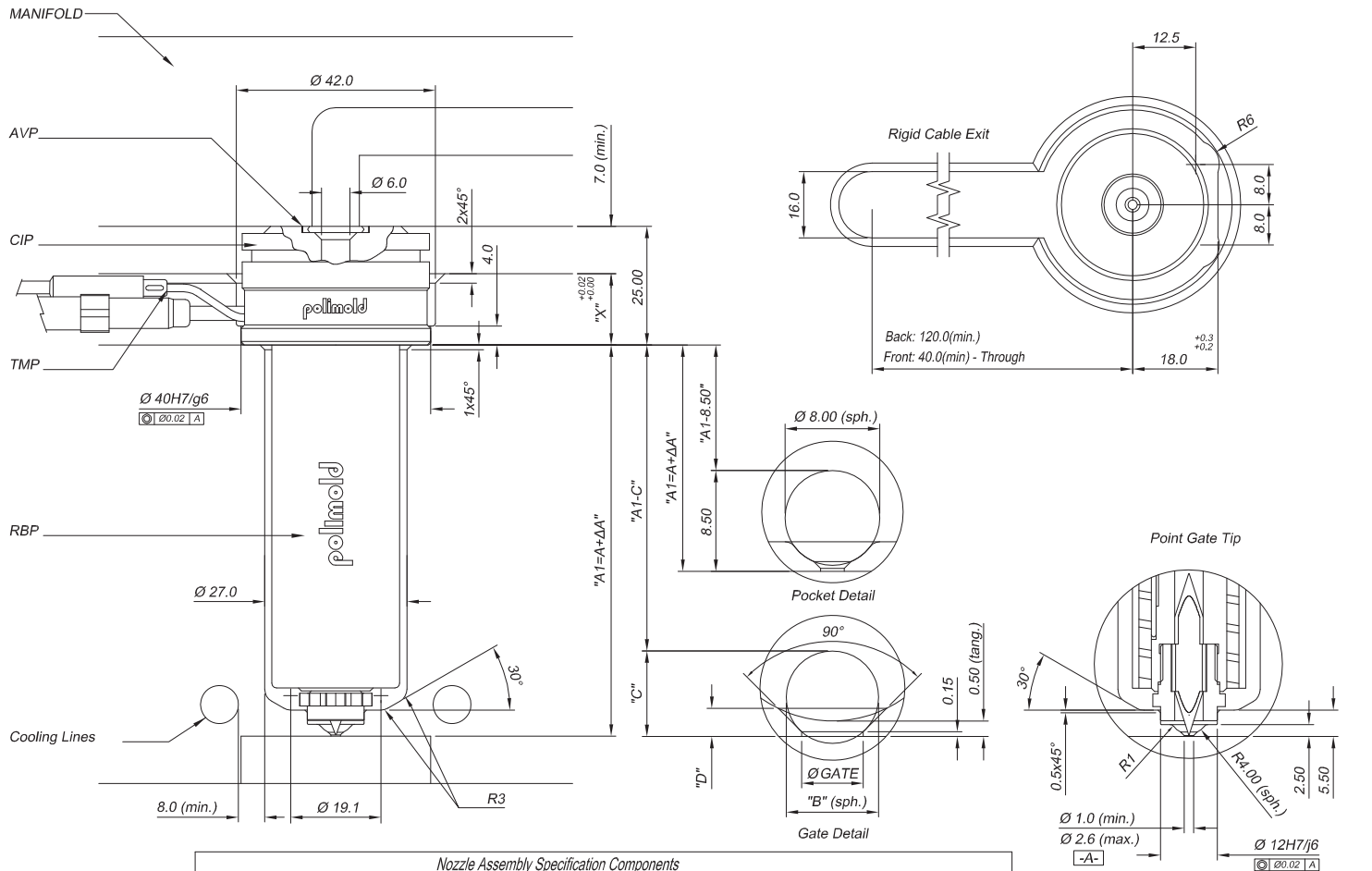


# Series 200

Polimax Line

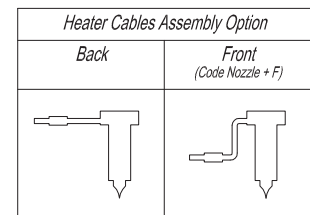
Nozzles suited to use with Manifold

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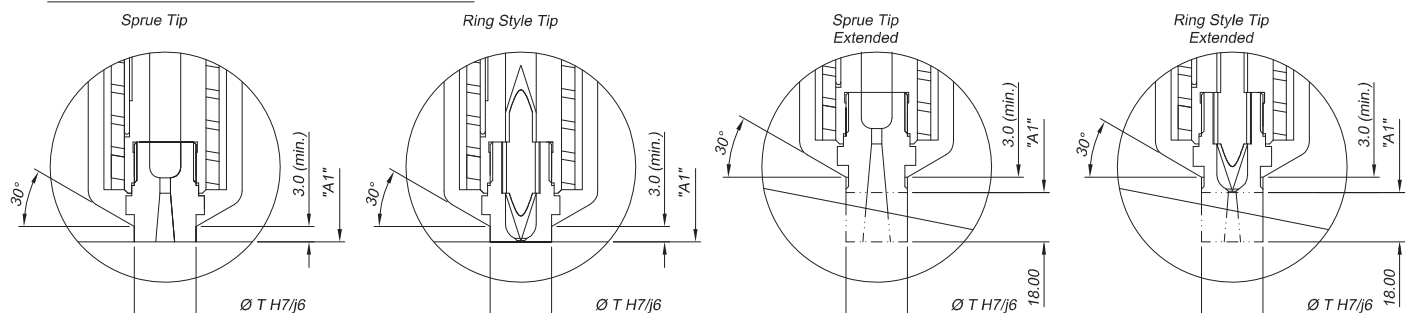


| Nozzle Assembly Specification Components |             |               |             |           |         |              |            |
|------------------------------------------|-------------|---------------|-------------|-----------|---------|--------------|------------|
|                                          | Code Nozzle | Dimension "A" | Components  |           |         |              |            |
|                                          |             |               | Body Nozzle | Heater    | Wattage | Thermocouple | Seal Ring  |
| Heater Cables Assembly Option            | Back        | BIP06034-A    | CIP06034-A  | RBP06033  | 295W    | TMP01080     | AVP06016-A |
|                                          |             | BIP06055-A    | CIP06055-A  | RBP06053  | 460W    | TMP01080     |            |
|                                          |             | BIP06067-A    | CIP06067-A  | RBP06065  | 460W    | TMP01100     |            |
|                                          |             | BIP06080-A    | CIP06080-A  | RBP06078  | 690W    | TMP01120     |            |
|                                          |             | BIP06092-A    | CIP06092-A  | RBP06092  | 690W    | TMP01140     |            |
|                                          |             | BIP06105-A    | CIP06105-A  | RBP06104  | 760W    | TMP01160     |            |
|                                          |             | BIP06130-A    | CIP06130-A  | RBP06129  | 850W    | TMP01180     |            |
|                                          |             | BIP06155-A    | CIP06155-A  | RBP06155  | 1100W   | TMP01200     |            |
|                                          |             | BIP06180-A    | CIP06180-A  | RBP06180  | 1100W   | TMP01220     |            |
|                                          |             | BIP06205-A    | CIP06205-A  | RBP06205  | 1100W   | TMP01240     |            |
|                                          | Front       | BIP06230-A    | CIP06230-A  | RBP06230  | 1100W   | TMP01260     |            |
|                                          |             | BIP06255-A    | CIP06255-A  | RBP06255  | 1100W   | TMP01280     |            |
|                                          |             | BIP06034-A    | CIP06034-A  | RBP06033  | 295W    | TMP01080     |            |
|                                          |             | BIP06055F-A   | CIP06055-A  | RBP06053F | 460W    | TMP01080     |            |
|                                          |             | BIP06067F-A   | CIP06067-A  | RBP06065F | 460W    | TMP01100     |            |
|                                          |             | BIP06080F-A   | CIP06080-A  | RBP06078F | 690W    | TMP01120     |            |
|                                          |             | BIP06092F-A   | CIP06092-A  | RBP06092F | 690W    | TMP01140     |            |
|                                          |             | BIP06105F-A   | CIP06105-A  | RBP06104F | 760W    | TMP01160     |            |
|                                          |             | BIP06130F-A   | CIP06130-A  | RBP06129F | 850W    | TMP01180     |            |
|                                          |             | BIP06155F-A   | CIP06155-A  | RBP06155F | 1100W   | TMP01200     |            |
|                                          |             | BIP06180F-A   | CIP06180-A  | RBP06180F | 1100W   | TMP01220     |            |
|                                          |             | BIP06205F-A   | CIP06205-A  | RBP06205F | 1100W   | TMP01240     |            |
|                                          |             | BIP06230F-A   | CIP06230-A  | RBP06230F | 1100W   | TMP01260     |            |
|                                          |             | BIP06255F-A   | CIP06255-A  | RBP06255F | 1100W   | TMP01280     |            |

| Diameter "Gate" | Dimension "B" | Dimension "C" | Dimension "D" |
|-----------------|---------------|---------------|---------------|
| Ø1.0            | Ø2.00         | 2.06          | 0.62          |
| Ø1.2            |               | 1.96          | 0.66          |
| Ø1.4            |               | 1.86          | 0.70          |
| Ø1.6            |               | 2.97          | 0.75          |
| Ø1.8            | Ø3.00         | 2.87          | 0.82          |
| Ø2.0            |               | 2.77          | 0.91          |
| Ø2.2            |               | 3.88          | 1.02          |
| Ø2.4            |               | 3.78          | 1.18          |
| Ø2.6            | Ø4.00         | 3.68          | 1.54          |
|                 |               |               |               |

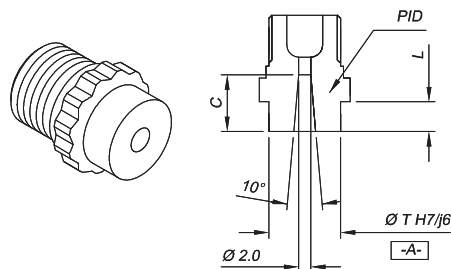


## Tip Options





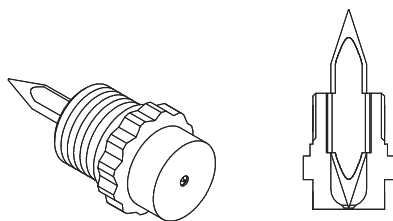
### Sprue Tip



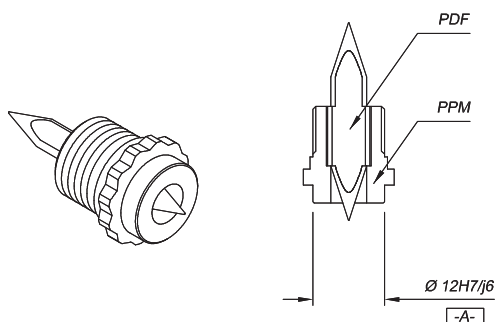
| Tip Dimension |               |               |               |
|---------------|---------------|---------------|---------------|
| Code Tip      | Dimension "T" | Dimension "L" | Dimension "C" |
| PID06001      | 12.00         | 5.50          | 9.00          |
| PID06002      | 18.00         | 5.50          | 9.00          |
| PID06003      | 12.00         | 23.50         | 27.00         |
| PID06004      | 18.00         | 23.50         | 27.00         |

### Ring Style Tip

| Tip Dimension       |                     |                     |                                          |                  |                 |                  |
|---------------------|---------------------|---------------------|------------------------------------------|------------------|-----------------|------------------|
| Tip                 | Tip Components      |                     | Material                                 | Dimension "T"    | Dimension "O"   | Dimension "L"    |
|                     | Needle              | Body                |                                          |                  |                 |                  |
| PMA06001            | PDF06702            | PPM06601            | STANDARD<br>(COATED IN "Cr")             | 12.00            | 1.50            | 5.50             |
| PMA06002            |                     | PPM06602            |                                          | 12.00            | 2.00            |                  |
| PMA06003            |                     | PPM06603            |                                          | 18.00            | 1.50            |                  |
| PMA06004            |                     | PPM06604            |                                          | 18.00            | 2.00            |                  |
| PMA06005            |                     | PPM06605            |                                          | 12.00            | 1.50            | 23.50            |
| PMA06006            |                     | PPM06606            |                                          | 12.00            | 2.00            |                  |
| PMA06007            |                     | PPM06607            |                                          | 18.00            | 1.50            |                  |
| PMA06008            |                     | PPM06608            |                                          | 18.00            | 2.00            |                  |
| PMA06201            |                     | PPM06701            |                                          | 12.00            | 3.00            | 5.50             |
| PMA06202            |                     | PPM06702            |                                          | 18.00            | 3.00            |                  |
| PMA06203            |                     | PPM06703            |                                          | 12.00            | 3.00            | 23.50            |
| PMA06204            |                     | PPM06704            |                                          | 18.00            | 3.00            |                  |
| <del>PMA06009</del> | <del>PDF06502</del> | <del>PPM06601</del> | <del>STANDARD<br/>HIGH PERFORMANCE</del> | <del>12.00</del> | <del>1.50</del> | <del>5.50</del>  |
| <del>PMA06010</del> |                     | <del>PPM06602</del> |                                          | <del>12.00</del> | <del>2.00</del> |                  |
| <del>PMA06011</del> |                     | <del>PPM06603</del> |                                          | <del>18.00</del> | <del>1.50</del> |                  |
| <del>PMA06012</del> |                     | <del>PPM06604</del> |                                          | <del>18.00</del> | <del>2.00</del> |                  |
| <del>PMA06013</del> |                     | <del>PPM06605</del> |                                          | <del>12.00</del> | <del>1.50</del> | <del>23.50</del> |
| <del>PMA06014</del> |                     | <del>PPM06606</del> |                                          | <del>12.00</del> | <del>2.00</del> |                  |
| <del>PMA06015</del> |                     | <del>PPM06607</del> |                                          | <del>18.00</del> | <del>1.50</del> |                  |
| <del>PMA06016</del> |                     | <del>PPM06608</del> |                                          | <del>18.00</del> | <del>2.00</del> |                  |
| PMA06101            | PDF06602            | PPM06601            | ABRASION<br>RESISTANT                    | 12.00            | 1.50            | 5.50             |
| PMA06102            |                     | PPM06602            |                                          | 12.00            | 2.00            |                  |
| PMA06103            |                     | PPM06603            |                                          | 18.00            | 1.50            |                  |
| PMA06104            |                     | PPM06604            |                                          | 18.00            | 2.00            |                  |
| PMA06105            |                     | PPM06605            |                                          | 12.00            | 1.50            | 23.50            |
| PMA06106            |                     | PPM06606            |                                          | 12.00            | 2.00            |                  |
| PMA06107            |                     | PPM06607            |                                          | 18.00            | 1.50            |                  |
| PMA06108            |                     | PPM06608            |                                          | 18.00            | 2.00            |                  |
| PMA06109            | PDF06802            | PPM06601            | STANDARD<br>DME<br>(COATED IN "Ni")      | 12.00            | 1.50            | 5.50             |
| PMA06110            |                     | PPM06602            |                                          | 12.00            | 2.00            |                  |
| PMA06111            |                     | PPM06603            |                                          | 18.00            | 1.50            |                  |
| PMA06112            |                     | PPM06604            |                                          | 18.00            | 2.00            |                  |
| PMA06113            |                     | PPM06605            |                                          | 12.00            | 1.50            | 23.50            |
| PMA06114            |                     | PPM06606            |                                          | 12.00            | 2.00            |                  |
| PMA06115            |                     | PPM06607            |                                          | 18.00            | 1.50            |                  |
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### Point Gate Tip

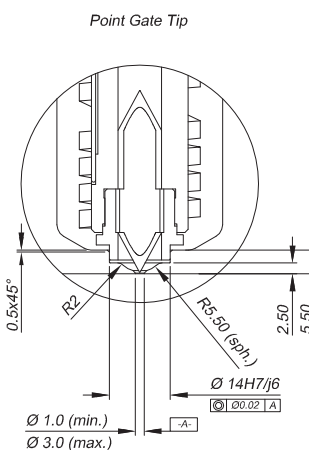


| Tip                 | Tip Components      |                     |                                  |
|---------------------|---------------------|---------------------|----------------------------------|
|                     | Needle              | Body                | Material                         |
| PVM06001            | PDF06702            | PPM06609            | STANDARD<br>(COATED IN "Cr")     |
| <del>PVM06002</del> | <del>PDF06502</del> | <del>PPM06609</del> | <del>High Performance</del>      |
| PVM06008            | PDF06602            | PPM06609            | ABRASION RESISTANT               |
| PVM06009            | PDF06802            | PPM06609            | STANDARD DME<br>(COATED IN "Ni") |



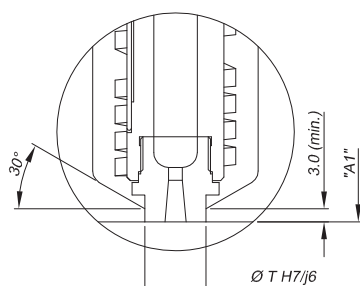
### Direct Injection Standard

Ex: HDP10055F-R400

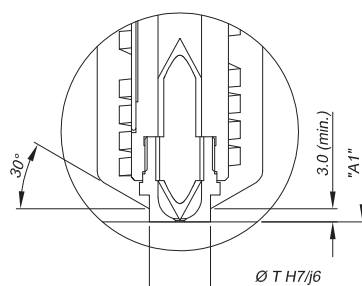


| <i>Diameter<br/>"Gate"</i> | <i>Dimension<br/>"B"</i> | <i>Dimension<br/>"C"</i> | <i>Dimension<br/>"D"</i> |
|----------------------------|--------------------------|--------------------------|--------------------------|
| Ø1.0                       | Ø2.00                    | 2.06                     | 0.58                     |
| Ø1.2                       |                          | 1.96                     | 0.60                     |
| Ø1.4                       |                          | 1.86                     | 0.63                     |
| Ø1.6                       | Ø3.00                    | 2.97                     | 0.66                     |
| Ø1.8                       |                          | 2.87                     | 0.69                     |
| Ø2.0                       |                          | 2.77                     | 0.73                     |
| Ø2.2                       | Ø4.00                    | 3.88                     | 0.78                     |
| Ø2.4                       |                          | 3.78                     | 0.83                     |
| Ø2.6                       |                          | 3.68                     | 0.89                     |
| Ø2.8                       | Ø5.00                    | 4.78                     | 0.96                     |
| Ø3.0                       |                          | 4.68                     | 1.05                     |

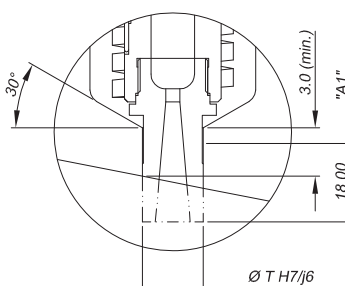
### Sprue Tip



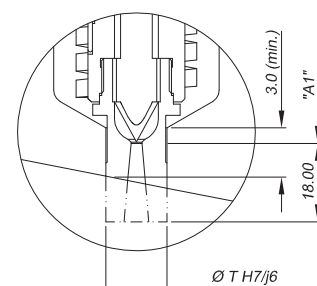
### Ring Style Tip



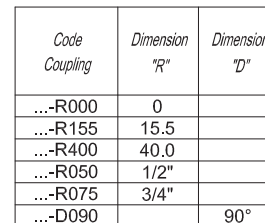
*Sprue Tip  
Extended*



Ring Style Tip  
Extended



### Direct Injection Standard



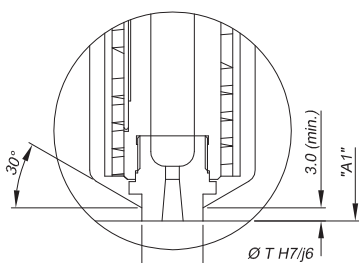
Ex: EDP10060F-R400

(SPHERICAL RADIUS 40mm)

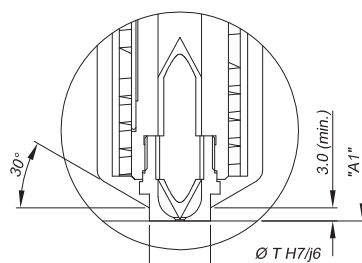
| <i>Diameter<br/>"Gate"</i> | <i>Dimension<br/>"B"</i> | <i>Dimension<br/>"C"</i> | <i>Dimension<br/>"D"</i> |
|----------------------------|--------------------------|--------------------------|--------------------------|
| Ø1.0                       | Ø2.00                    | 2.06                     | 0.58                     |
| Ø1.2                       |                          | 1.96                     | 0.60                     |
| Ø1.4                       |                          | 1.86                     | 0.63                     |
| Ø1.6                       | Ø3.00                    | 2.97                     | 0.66                     |
| Ø1.8                       |                          | 2.87                     | 0.69                     |
| Ø2.0                       |                          | 2.77                     | 0.73                     |
| Ø2.2                       | Ø4.00                    | 3.88                     | 0.78                     |
| Ø2.4                       |                          | 3.78                     | 0.83                     |
| Ø2.6                       |                          | 3.68                     | 0.89                     |
| Ø2.8                       | Ø5.00                    | 4.78                     | 0.96                     |
| Ø3.0                       |                          | 4.68                     | 1.05                     |

| Nozzle Assembly Specification |                  |                |                   |         |                  |         |              |
|-------------------------------|------------------|----------------|-------------------|---------|------------------|---------|--------------|
| Code<br>Nozzle                | Dimension<br>"A" | Components     |                   |         |                  |         |              |
|                               |                  | Body<br>Nozzle | Heater<br>DO Body | Wattage | Heater<br>Heater | Wattage | Thermocouple |
| EDP10035-A-R...               | 35.00            | CEP10035-A     | RBP10036          | 350W    | RCP50020         | 400W    | TMP01080     |
| EDP10060-A-R...               | 60.00            | CEP10060-A     | RBP10056          | 500W    |                  |         | TMP01080     |
| EDP10072-A-R...               | 72.50            | CEP10072-A     | RBP10069          | 690W    |                  |         | TMP01100     |
| EDP10085-A-R...               | 85.00            | CEP10085-A     | RBP10081          | 760W    |                  |         | TMP01120     |
| EDP10097-A-R...               | 97.50            | CEP10097-A     | RBP10094          | 760W    |                  |         | TMP01140     |
| EDP10110-A-R...               | 110.00           | CEP10110-A     | RBP10107          | 760W    |                  |         | TMP01160     |
| EDP10135-A-R...               | 135.00           | CEP10135-A     | RBP10131          | 850W    |                  |         | TMP01180     |
| EDP10160-A-R...               | 160.00           | CEP10160-A     | RBP10158          | 1100W   |                  |         | TMP01200     |
| EDP10185-A-R...               | 185.00           | CEP10185-A     | RBP10183          | 1300W   |                  |         | TMP01220     |
| EDP10210-A-R...               | 210.00           | CEP10210-A     | RBP10208          | 1100W   |                  |         | TMP01240     |
| EDP10235-A-R...               | 235.00           | CEP10235-A     | RBP10233          | 1300W   |                  |         | TMP01260     |
| EDP10260-A-R...               | 260.00           | CEP10260-A     | RBP10258          | 1300W   |                  |         | TMP01280     |
| EDP10285-A-R...               | 285.00           | CEP10285-A     | RBP10283          | 1300W   | TMP01300         |         |              |

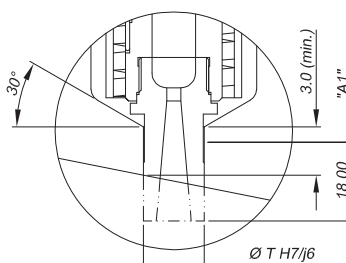
### Sprue Tip



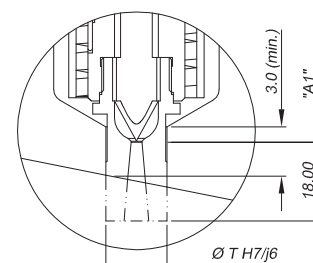
### Ring Style Tip



*Sprue Tip  
Extended*



Ring Style Tip  
Extended

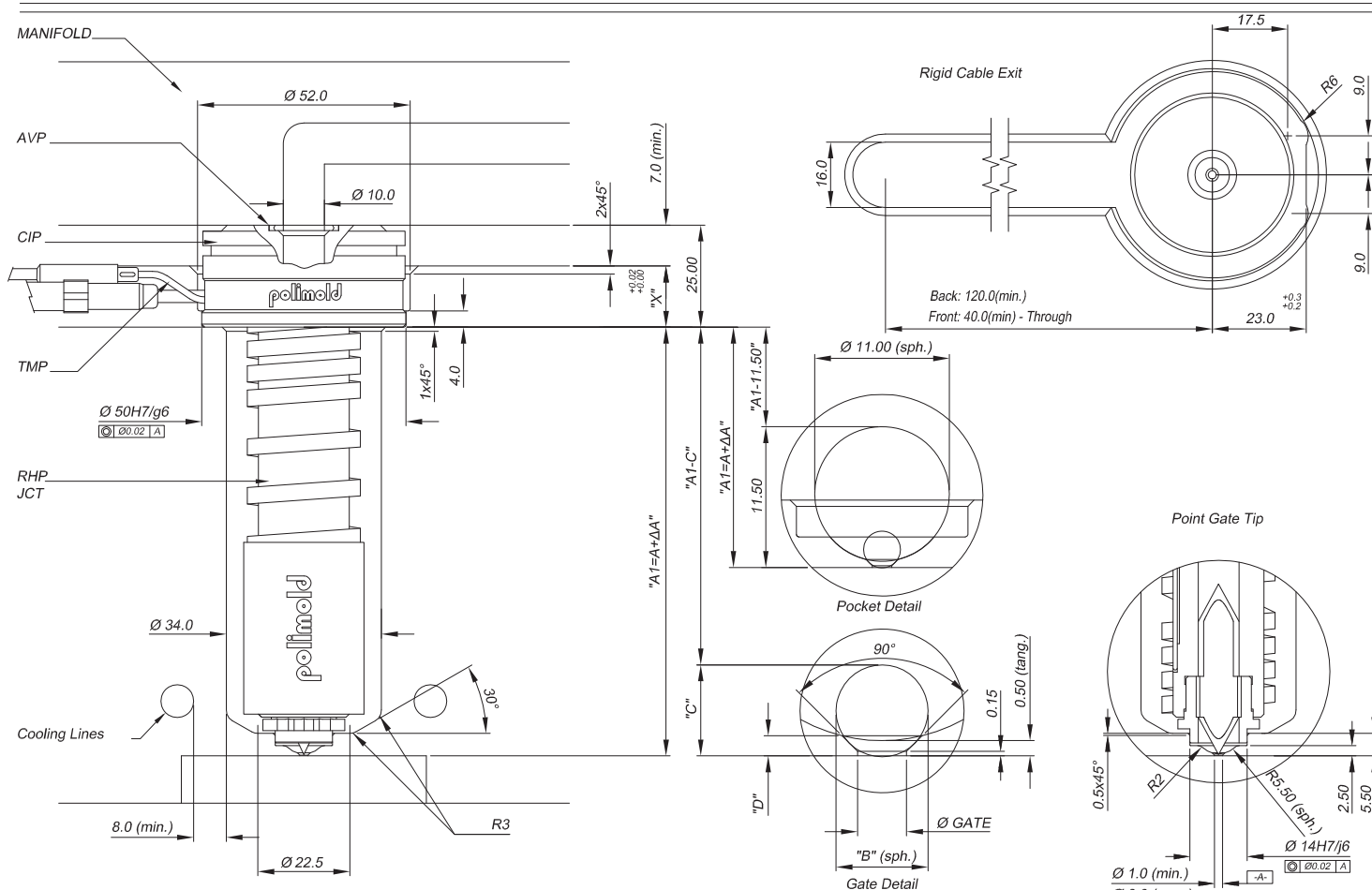


# Series 500

Polimax Line

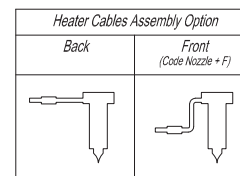
Nozzles suited to use with Manifold

**polimold**  
INDUSTRIAL S.A.

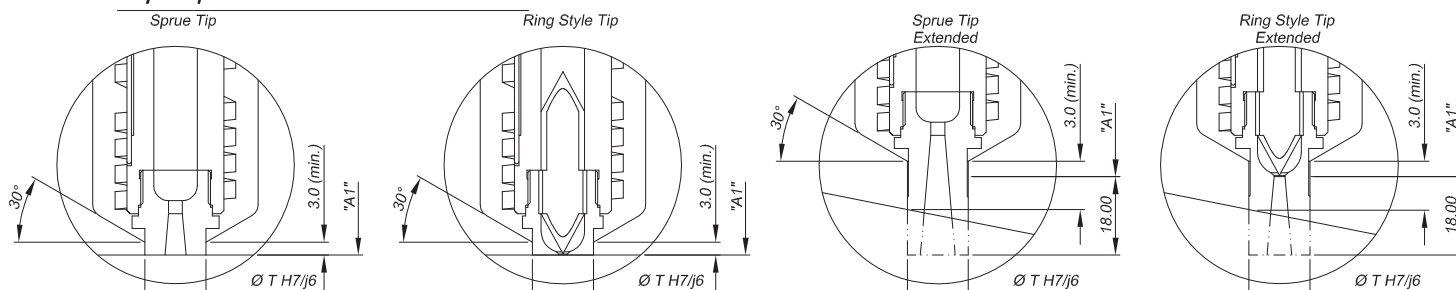


| Nozzle Assembly Specification |               |             |           |          |         |              |            |
|-------------------------------|---------------|-------------|-----------|----------|---------|--------------|------------|
| Code Nozzle                   | Dimension "A" | Components  |           |          |         |              |            |
|                               |               | Body Nozzle | Heater    | Jacket   | Wattage | Thermocouple | Seal Ring  |
| Back                          | HIP10035-A    | CIP10035-A  | RHP10030  | JCT10030 | 260W    | TMP01080     | AVP10016-A |
|                               | HIP10055-A    | CIP10055-A  | RHP10054  | JCT10050 | 400W    | TMP01080     |            |
|                               | HIP10067-A    | CIP10067-A  | RHP10067  | JCT10050 | 400W    | TMP01100     |            |
|                               | HIP10080-A    | CIP10080-A  | RHP10080  | JCT10050 | 500W    | TMP01120     |            |
|                               | HIP10092-A    | CIP10092-A  | RHP10092  | JCT10050 | 690W    | TMP01140     |            |
|                               | HIP10105-A    | CIP10105-A  | RHP10105  | JCT10100 | 690W    | TMP01160     |            |
|                               | HIP10130-A    | CIP10130-A  | RHP10130  | JCT10100 | 760W    | TMP01180     |            |
|                               | HIP10155-A    | CIP10155-A  | RHP10156  | JCT10100 | 760W    | TMP01200     |            |
|                               | HIP10180-A    | CIP10180-A  | RHP10181  | JCT10100 | 850W    | TMP01220     |            |
|                               | HIP10205-A    | CIP10205-A  | RHP10206  | JCT10100 | 1100W   | TMP01240     |            |
|                               | HIP10230-A    | CIP10230-A  | RHP10231  | JCT10100 | 1100W   | TMP01260     |            |
|                               | HIP10255-A    | CIP10255-A  | RHP10256  | JCT10100 | 1100W   | TMP01280     |            |
| Front                         | HIP10280-A    | CIP10280-A  | RHP10281  | JCT10100 | 1100W   | TMP01300     |            |
|                               | HIP10035F-A   | CIP10035-A  | RHP10030F | JCT10030 | 260W    | TMP01080     |            |
|                               | HIP10055F-A   | CIP10055-A  | RHP10054F | JCT10050 | 400W    | TMP01080     |            |
|                               | HIP10067F-A   | CIP10067-A  | RHP10067F | JCT10050 | 400W    | TMP01100     |            |
|                               | HIP10080F-A   | CIP10080-A  | RHP10080F | JCT10050 | 500W    | TMP01120     |            |
|                               | HIP10092F-A   | CIP10092-A  | RHP10092F | JCT10050 | 690W    | TMP01140     |            |
|                               | HIP10105F-A   | CIP10105-A  | RHP10105F | JCT10100 | 690W    | TMP01160     |            |
|                               | HIP10130F-A   | CIP10130-A  | RHP10130F | JCT10100 | 760W    | TMP01180     |            |
|                               | HIP10155F-A   | CIP10155-A  | RHP10156F | JCT10100 | 760W    | TMP01200     |            |
|                               | HIP10180F-A   | CIP10180-A  | RHP10181F | JCT10100 | 850W    | TMP01220     |            |
|                               | HIP10205F-A   | CIP10205-A  | RHP10206F | JCT10100 | 1100W   | TMP01240     |            |
|                               | HIP10230F-A   | CIP10230-A  | RHP10231F | JCT10100 | 1100W   | TMP01260     |            |
|                               | HIP10255F-A   | CIP10255-A  | RHP10256F | JCT10100 | 1100W   | TMP01280     |            |
|                               | HIP10280F-A   | CIP10280-A  | RHP10281F | JCT10100 | 1100W   | TMP01300     |            |

| Diameter "Gate" | Dimension "B" | Dimension "C" | Dimension "D" |
|-----------------|---------------|---------------|---------------|
| Ø1.0            | Ø2.00         | 2.06          | 0.58          |
| Ø1.2            |               | 1.96          | 0.60          |
| Ø1.4            |               | 1.86          | 0.63          |
| Ø1.6            | Ø3.00         | 2.97          | 0.66          |
| Ø1.8            |               | 2.87          | 0.69          |
| Ø2.0            |               | 2.77          | 0.73          |
| Ø2.2            | Ø4.00         | 3.88          | 0.78          |
| Ø2.4            |               | 3.78          | 0.83          |
| Ø2.6            |               | 3.68          | 0.89          |
| Ø2.8            | Ø5.00         | 4.78          | 0.96          |
| Ø3.0            |               | 4.68          | 1.05          |



## Tip Options

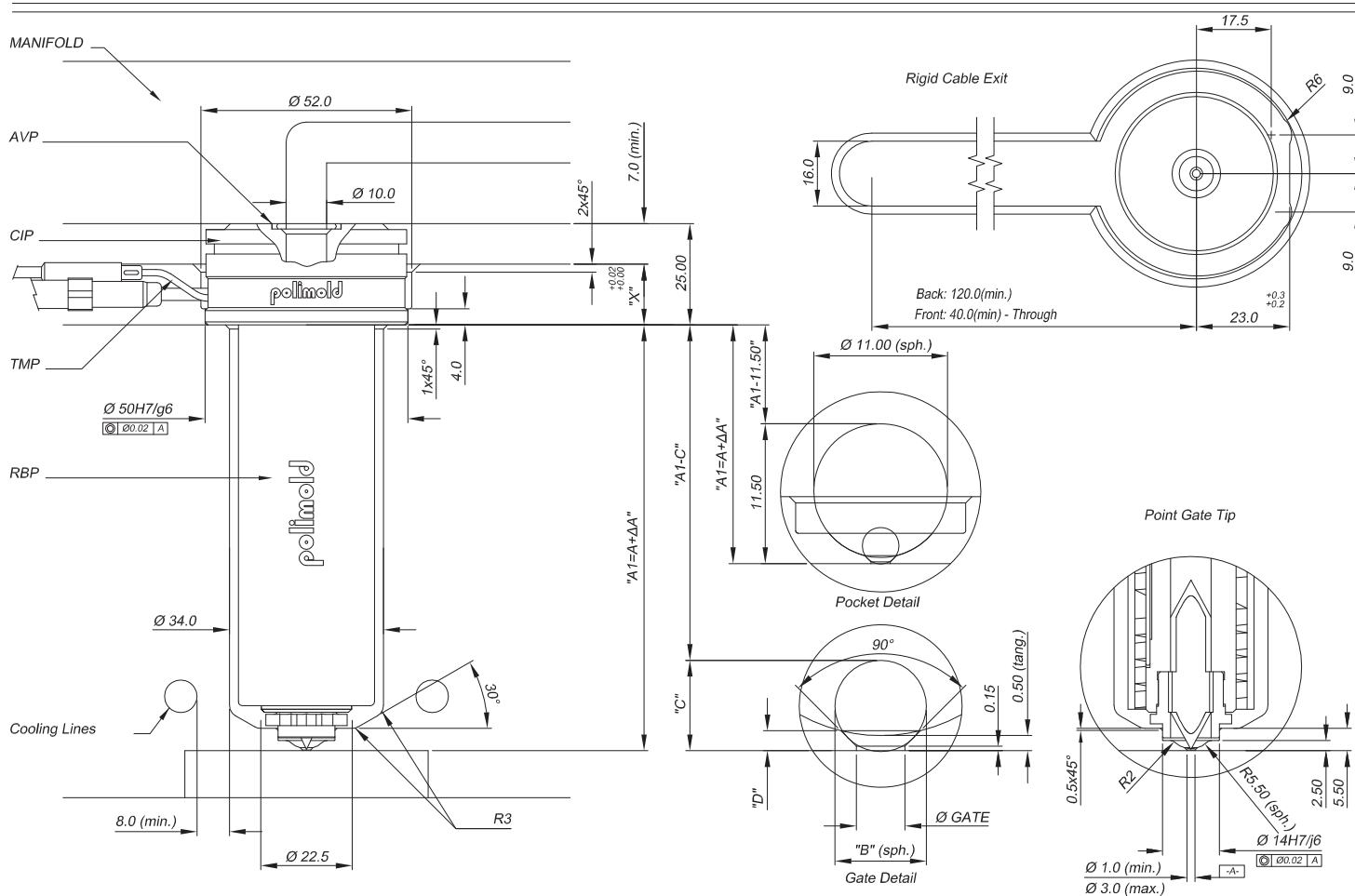


# Series 500

Polimax Line

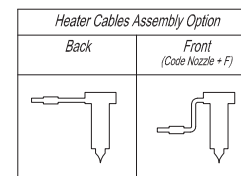
Nozzles suited to use with Manifold

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INDUSTRIAL S.A.

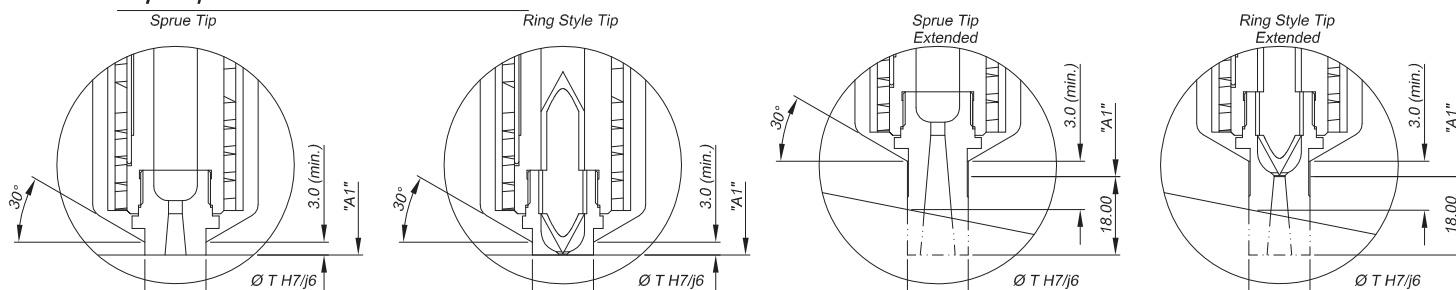


| Nozzle Assembly Specification |               |             |           |         |              |            |  |
|-------------------------------|---------------|-------------|-----------|---------|--------------|------------|--|
| Code Nozzle                   | Dimension "A" | Components  |           |         |              |            |  |
|                               |               | Body Nozzle | Heater    | Wattage | Thermocouple | Seal Ring  |  |
| BIP10035-A                    | 35.00         | CIP10035-A  | RBP10036  | 350W    | TMP01080     | AVP10016-A |  |
| BIP10055-A                    | 55.00         | CIP10055-A  | RBP10056  | 500W    | TMP01080     |            |  |
| BIP10067-A                    | 67.50         | CIP10067-A  | RBP10069  | 690W    | TMP01100     |            |  |
| BIP10080-A                    | 80.00         | CIP10080-A  | RBP10081  | 760W    | TMP01120     |            |  |
| BIP10092-A                    | 92.50         | CIP10092-A  | RBP10094  | 760W    | TMP01140     |            |  |
| BIP10105-A                    | 105.00        | CIP10105-A  | RBP10107  | 760W    | TMP01160     |            |  |
| BIP10130-A                    | 130.00        | CIP10130-A  | RBP10131  | 850W    | TMP01180     |            |  |
| BIP10155-A                    | 155.00        | CIP10155-A  | RBP10158  | 1100W   | TMP01200     |            |  |
| BIP10180-A                    | 180.00        | CIP10180-A  | RBP10183  | 1300W   | TMP01220     |            |  |
| BIP10205-A                    | 205.00        | CIP10205-A  | RBP10208  | 1100W   | TMP01240     |            |  |
| BIP10230-A                    | 230.00        | CIP10230-A  | RBP10233  | 1300W   | TMP01260     |            |  |
| BIP10255-A                    | 255.00        | CIP10255-A  | RBP10258  | 1300W   | TMP01280     |            |  |
| BIP10280-A                    | 280.00        | CIP10280-A  | RBP10283  | 1300W   | TMP01300     |            |  |
| BIP10035F-A                   | 35.00         | CIP10035-A  | RBP10036F | 350W    | TMP01080     |            |  |
| BIP10055F-A                   | 55.00         | CIP10055-A  | RBP10056F | 500W    | TMP01080     |            |  |
| BIP10067F-A                   | 67.50         | CIP10067-A  | RBP10069F | 690W    | TMP01100     |            |  |
| BIP10080F-A                   | 80.00         | CIP10080-A  | RBP10081F | 760W    | TMP01120     |            |  |
| BIP10092F-A                   | 92.50         | CIP10092-A  | RBP10094F | 760W    | TMP01140     |            |  |
| BIP10105F-A                   | 105.00        | CIP10105-A  | RBP10107F | 760W    | TMP01160     |            |  |
| BIP10130F-A                   | 130.00        | CIP10130-A  | RBP10131F | 850W    | TMP01180     |            |  |
| BIP10155F-A                   | 155.00        | CIP10155-A  | RBP10158F | 1100W   | TMP01200     |            |  |
| BIP10180F-A                   | 180.00        | CIP10180-A  | RBP10183F | 1300W   | TMP01220     |            |  |
| BIP10205F-A                   | 205.00        | CIP10205-A  | RBP10208F | 1100W   | TMP01240     |            |  |
| BIP10230F-A                   | 230.00        | CIP10230-A  | RBP10233F | 1300W   | TMP01260     |            |  |
| BIP10255F-A                   | 255.00        | CIP10255-A  | RBP10258F | 1300W   | TMP01280     |            |  |
| BIP10280F-A                   | 280.00        | CIP10280-A  | RBP10283F | 1300W   | TMP01300     |            |  |

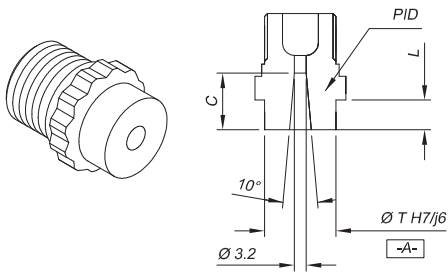
| Diameter "Gate" | Dimension "B" | Dimension "C" | Dimension "D" |
|-----------------|---------------|---------------|---------------|
| Ø1.0            | Ø2.00         | 2.06          | 0.58          |
| Ø1.2            |               | 1.96          | 0.60          |
| Ø1.4            |               | 1.86          | 0.63          |
| Ø1.6            | Ø3.00         | 2.97          | 0.66          |
| Ø1.8            |               | 2.87          | 0.69          |
| Ø2.0            |               | 2.77          | 0.73          |
| Ø2.2            | Ø4.00         | 3.88          | 0.78          |
| Ø2.4            |               | 3.78          | 0.83          |
| Ø2.6            |               | 3.68          | 0.89          |
| Ø2.8            | Ø5.00         | 4.78          | 0.96          |
| Ø3.0            |               | 4.68          | 1.05          |



## Tip Options

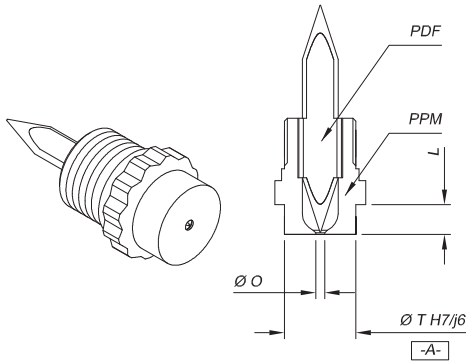


### Sprue Tip



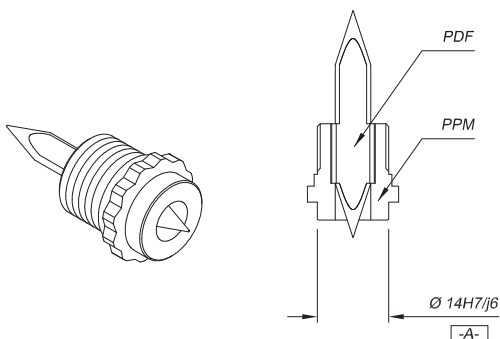
| Tip Dimension |               |               |               |
|---------------|---------------|---------------|---------------|
| Code Tip      | Dimension "T" | Dimension "L" | Dimension "C" |
| PID10001      | 14.00         | 6.00          | 9.00          |
| PID10002      | 18.00         | 6.00          | 9.00          |
| PID10003      | 14.00         | 24.00         | 27.00         |
| PID10004      | 18.00         | 24.00         | 27.00         |

### Ring Style Tip



| Tip Dimension |                |          |                                     |               |               |               |
|---------------|----------------|----------|-------------------------------------|---------------|---------------|---------------|
| Tip           | Tip Components |          | Material                            | Dimension "T" | Dimension "O" | Dimension "L" |
|               | Needle         | Body     |                                     |               |               |               |
| PMA10001      | PDF10702       | PPM10601 | STANDARD<br>(COATED IN "Cr")        | 14.00         | 2.00          | 6.00          |
| PMA10002      |                | PPM10602 |                                     | 14.00         | 2.50          |               |
| PMA10003      |                | PPM10603 |                                     | 18.00         | 2.00          |               |
| PMA10004      |                | PPM10604 |                                     | 18.00         | 2.50          |               |
| PMA10005      |                | PPM10605 |                                     | 14.00         | 2.00          | 24.00         |
| PMA10006      |                | PPM10606 |                                     | 14.00         | 2.50          |               |
| PMA10007      |                | PPM10607 |                                     | 18.00         | 2.00          |               |
| PMA10008      |                | PPM10608 |                                     | 18.00         | 2.50          |               |
| PMA10201      | PDF10502       | PPM10701 | STANDARD<br>(COATED IN "Cr")        | 14.00         | 3.50          | 6.00          |
| PMA10202      |                | PPM10702 |                                     | 18.00         | 3.50          |               |
| PMA10203      |                | PPM10703 |                                     | 14.00         | 3.50          |               |
| PMA10204      |                | PPM10704 |                                     | 18.00         | 3.50          |               |
| PMA10009      |                | PPM10601 |                                     | 14.00         | 2.00          | 6.00          |
| PMA10010      |                | PPM10602 |                                     | 14.00         | 2.50          |               |
| PMA10011      |                | PPM10603 |                                     | 18.00         | 2.00          |               |
| PMA10012      |                | PPM10604 |                                     | 18.00         | 2.50          |               |
| PMA10013      | PDF10502       | PPM10605 | ABRASION<br>RESISTANT               | 14.00         | 2.00          | 24.00         |
| PMA10014      |                | PPM10606 |                                     | 14.00         | 2.50          |               |
| PMA10015      |                | PPM10607 |                                     | 18.00         | 2.00          |               |
| PMA10016      |                | PPM10608 |                                     | 18.00         | 2.50          |               |
| PMA10101      | PDF10602       | PPM10601 | ABRASION<br>RESISTANT               | 14.00         | 2.00          | 6.00          |
| PMA10102      |                | PPM10602 |                                     | 14.00         | 2.50          |               |
| PMA10103      |                | PPM10603 |                                     | 18.00         | 2.00          |               |
| PMA10104      |                | PPM10604 |                                     | 18.00         | 2.50          |               |
| PMA10105      |                | PPM10605 |                                     | 14.00         | 2.00          | 24.00         |
| PMA10106      |                | PPM10606 |                                     | 14.00         | 2.50          |               |
| PMA10107      |                | PPM10607 |                                     | 18.00         | 2.00          |               |
| PMA10108      |                | PPM10608 |                                     | 18.00         | 2.50          |               |
| PMA10109      | PDF10802       | PPM10601 | STANDARD<br>DME<br>(COATED IN "Ni") | 14.00         | 2.00          | 6.00          |
| PMA10110      |                | PPM10602 |                                     | 14.00         | 2.50          |               |
| PMA10111      |                | PPM10603 |                                     | 18.00         | 2.00          |               |
| PMA10112      |                | PPM10604 |                                     | 18.00         | 2.50          |               |
| PMA10113      |                | PPM10605 |                                     | 14.00         | 2.00          | 24.00         |
| PMA10114      |                | PPM10606 |                                     | 14.00         | 2.50          |               |
| PMA10115      |                | PPM10607 |                                     | 18.00         | 2.00          |               |
| PMA10116      |                | PPM10608 |                                     | 18.00         | 2.50          |               |

### Point Gate Tip



| Tip      | Tip Components |          |                                  |
|----------|----------------|----------|----------------------------------|
|          | Needle         | Body     | Material                         |
| PVM10001 | PDF10702       | PPM10609 | STANDARD<br>(COATED IN "Cr")     |
| PVM10002 | PDF10702       | PPM10609 | HIGH PERFORMANCE                 |
| PVM10008 | PDF10602       | PPM10609 | ABRASION RESISTANT               |
| PVM10009 | PDF10802       | PPM10609 | STANDARD DME<br>(COATED IN "Ni") |

### Direct Injection Standard

Ex: HDP14075F-R400

| Nozzle Assembly Specification |                  |                |          |          |           |               |         |              |
|-------------------------------|------------------|----------------|----------|----------|-----------|---------------|---------|--------------|
| Code<br>Nozzle                | Dimension<br>"A" | Components     |          |          |           |               |         |              |
|                               |                  | Body<br>Nozzle | Heater   | Jacket   | Tube      | Heater Spacer | Wattage | Thermocouple |
| HDP14050-A-R...               | 50.00            | CDP14050-A     | RHP14045 | JCT14045 | ---       | ---           | 610W    | TMP01080     |
| HDP14075-A-R...               | 75.00            | CDP14075-A     | RHP14070 | JCT14050 | ---       | ---           | 610W    | TMP01100     |
| HDP14100-A-R...               | 100.00           | CDP14100-A     | RHP14095 | JCT14050 | ---       | ---           | 690W    | TMP01140     |
| HDP14125-A-R...               | 125.00           | CDP14125-A     | RHP14120 | JCT14100 | ---       | ---           | 760W    | TMP01160     |
| HDP14150-A-R...               | 150.00           | CDP14150-A     | RHP14145 | JCT14100 | ---       | ---           | 850W    | TMP01180     |
| HDP14175-A-R...               | 175.00           | CDP14175-A     | RHP14170 | JCT14100 | ---       | ---           | 1100W   | TMP01200     |
| HDP14200-A-R...               | 200.00           | CDP14200-A     | RHP14195 | JCT14051 | TUBO14145 | AEP14604-A    | 900W    | TMP01220     |
| HDP14225-A-R...               | 225.00           | CDP14225-A     | RHP14220 | JCT14051 | TUBO14170 | AEP14604-A    | 900W    | TMP01260     |
| HDP14275-A-R...               | 275.00           | CDP14275-A     | RHP14270 | JCT14051 | TUBO14220 | AEP14604-A    | 1100W   | TMP01300     |

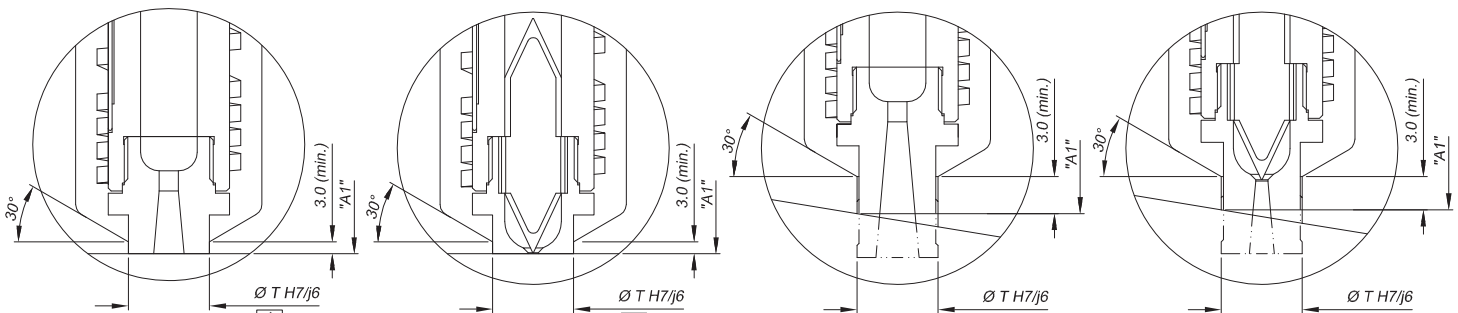
| <i>Diameter<br/>"Gate"</i> | <i>Dimension<br/>"B"</i> | <i>Dimension<br/>"C"</i> | <i>Dimension<br/>"D"</i> |
|----------------------------|--------------------------|--------------------------|--------------------------|
| Ø2.0                       | Ø5.00                    | 5.29                     | 1.28                     |
| Ø2.2                       |                          | 5.19                     | 1.32                     |
| Ø2.4                       |                          | 5.09                     | 1.36                     |
| Ø2.6                       |                          | 4.99                     | 1.42                     |
| Ø2.8                       | Ø6.00                    | 6.10                     | 1.47                     |
| Ø3.0                       |                          | 6.00                     | 1.53                     |
| Ø3.2                       |                          | 5.90                     | 1.60                     |
| Ø3.4                       |                          | 5.80                     | 1.68                     |
| Ø3.6                       | Ø8.00                    | 8.11                     | 1.78                     |
| Ø3.8                       |                          | 8.01                     | 1.88                     |
| Ø4.0                       |                          | 7.91                     | 2.01                     |
| Ø4.5                       |                          | 7.66                     | 2.49                     |

### Sprue Tip

### Ring Style Tip

*Sprue Tip  
Extended*

*Ring Style Tip  
Extended*



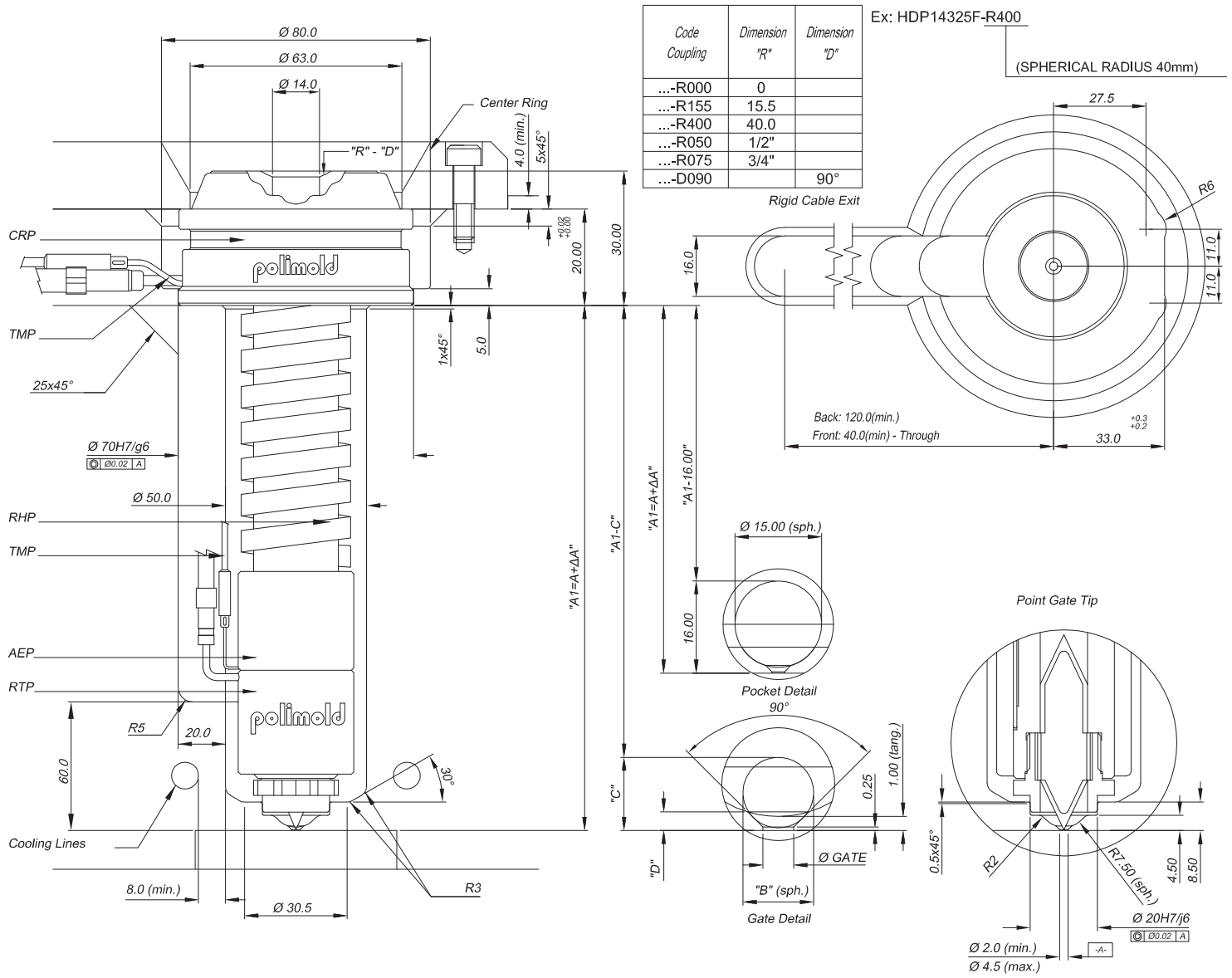


# Series 800

Polimax Line

Direct Injection Standard

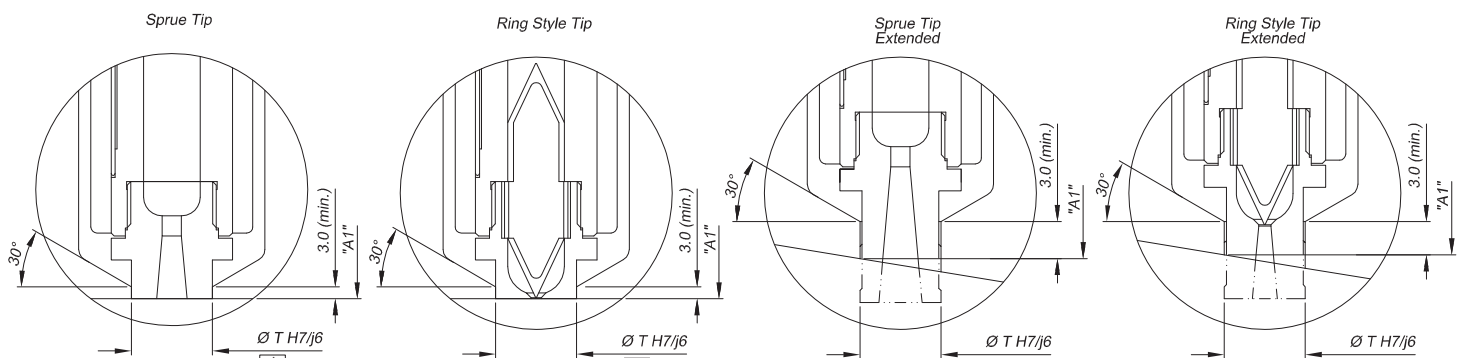
**polimold**  
INDUSTRIAL S.A.



| Nozzle Assembly Specification |               |             |          |           |         |              |          |         |               |                       |
|-------------------------------|---------------|-------------|----------|-----------|---------|--------------|----------|---------|---------------|-----------------------|
| Code Nozzle                   | Dimension "A" | Components  |          |           |         |              |          |         |               |                       |
|                               |               | Body Nozzle | Heater   | Tube      | Wattage | Thermocouple | Heater   | Wattage | Heater Spacer | Thermocouple Optional |
| HDP14325-A-R...               | 325.00        | CDP14325-A  | RHP14220 | TUBO14220 | 900W    | TMP01220     | RTP14045 | 610W    | AEP14603-A    | TMP01080              |
| HDP14375-A-R...               | 375.00        | CDP14375-A  | RHP14270 | TUBO14270 | 1100W   | TMP01360     |          |         |               |                       |
| HDP14425-A-R...               | 425.00        | CDP14425-A  | RHP14320 | TUBO14320 | 1100W   | TMP01400     |          |         |               |                       |
| HDP14475-A-R...               | 475.00        | CDP14475-A  | RHP14370 | TUBO14370 | 1100W   | TMP01460     |          |         |               |                       |

| Diameter "Gate" | Dimension "B" | Dimension "C" | Dimension "D" |
|-----------------|---------------|---------------|---------------|
| Ø2.0            | Ø5.00         | 5.29          | 1.28          |
| Ø2.2            |               | 5.19          | 1.32          |
| Ø2.4            |               | 5.09          | 1.36          |
| Ø2.6            |               | 4.99          | 1.42          |
| Ø2.8            | Ø6.00         | 6.10          | 1.47          |
| Ø3.0            |               | 6.00          | 1.53          |
| Ø3.2            |               | 5.90          | 1.60          |
| Ø3.4            |               | 5.80          | 1.68          |
| Ø3.6            | Ø8.00         | 8.11          | 1.78          |
| Ø3.8            |               | 8.01          | 1.88          |
| Ø4.0            |               | 7.91          | 2.01          |
| Ø4.5            |               | 7.66          | 2.49          |

## Tip Options



# Series 800

Polimax Line

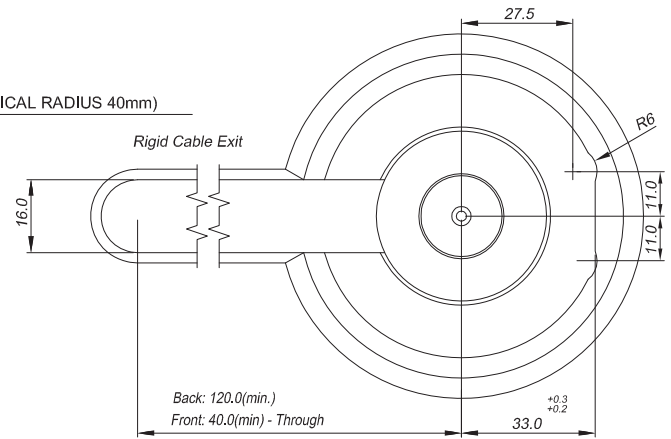
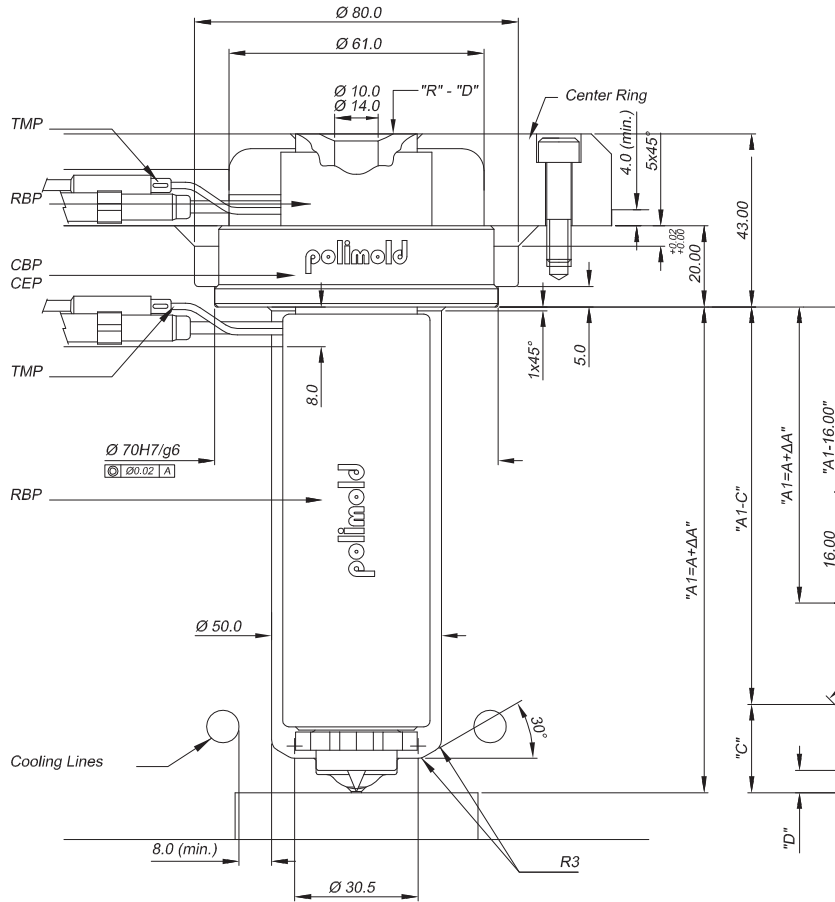
Direct Injection Standard

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INDUSTRIAL S.A.

| Code Coupling | Dimension "R" | Dimension "D" |
|---------------|---------------|---------------|
| ...-R000      | 0             |               |
| ...-R155      | 15.5          |               |
| ...-R400      | 40.0          |               |
| ...-R050      | 1/2"          |               |
| ...-R075      | 3/4"          |               |
| ...-D090      |               | 90°           |

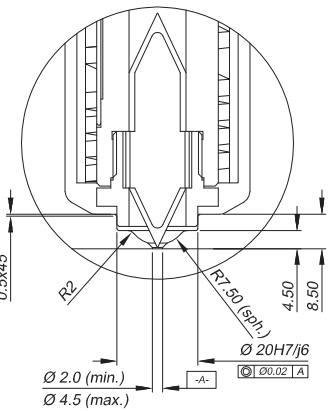
Ex: EDP14090F-R400

(SPHERICAL RADIUS 40mm)



| Diameter "Gate" | Dimension "B" | Dimension "C" | Dimension "D" |
|-----------------|---------------|---------------|---------------|
| Ø2.0            | Ø5.00         | 5.29          | 1.28          |
| Ø2.2            |               | 5.19          | 1.32          |
| Ø2.4            |               | 5.09          | 1.36          |
| Ø2.6            |               | 4.99          | 1.42          |
| Ø2.8            | Ø6.00         | 6.10          | 1.47          |
| Ø3.0            |               | 6.00          | 1.53          |
| Ø3.2            |               | 5.90          | 1.60          |
| Ø3.4            |               | 5.80          | 1.68          |
| Ø3.6            | Ø8.00         | 8.11          | 1.78          |
| Ø3.8            |               | 8.01          | 1.88          |
| Ø4.0            |               | 7.91          | 2.01          |
| Ø4.5            |               | 7.66          | 2.49          |

Point Gate Tip



| Nozzle Assembly Specification |               |             |             |          |         |              |             |         |
|-------------------------------|---------------|-------------|-------------|----------|---------|--------------|-------------|---------|
| Code Nozzle                   | Dimension "A" | Components  |             |          |         |              |             |         |
|                               |               | Body Nozzle | Head Nozzle | Heater   | Wattage | Thermocouple | Head Heater | Wattage |
| EDP14065-A-R...               | 65.00         | CEP14065-A  | CBP14001-A  | RBP14045 | 610W    | TMP01080     | RBP14020    | 260W    |
| EDP14090-A-R...               | 90.00         | CEP14090-A  |             | RBP14070 | 850W    | TMP01100     |             |         |
| EDP14115-A-R...               | 115.00        | CEP14115-A  |             | RBP14095 | 1100W   | TMP01140     |             |         |
| EDP14140-A-R...               | 140.00        | CEP14140-A  |             | RBP14120 | 1100W   | TMP01160     |             |         |
| EDP14165-A-R...               | 165.00        | CEP14165-A  |             | RBP14145 | 1300W   | TMP01180     |             |         |
| EDP14190-A-R...               | 190.00        | CEP14190-A  |             | RBP14170 | 1300W   | TMP01200     |             |         |

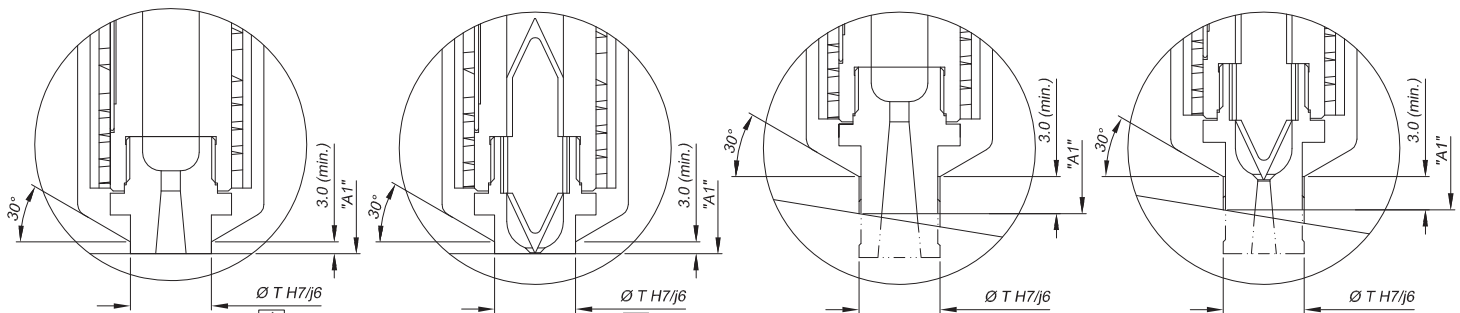
## Tip Options

Sprue Tip

Ring Style Tip

Sprue Tip  
Extended

Ring Style Tip  
Extended





# Series 800

Polimax Line

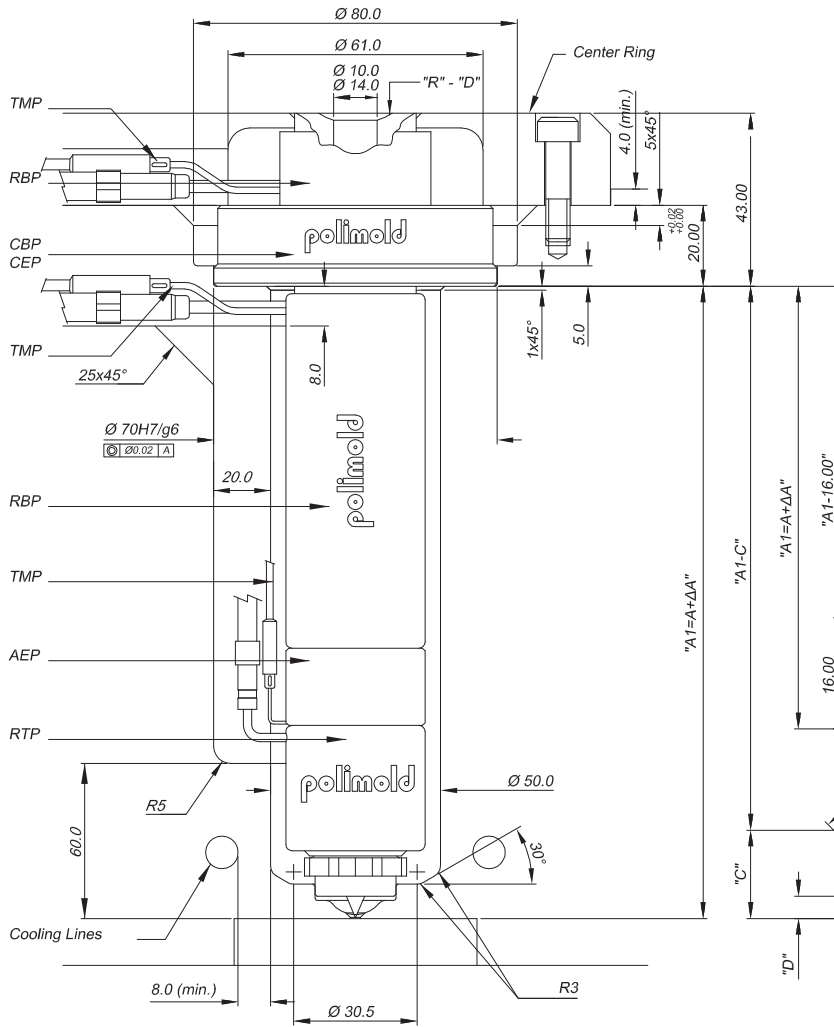
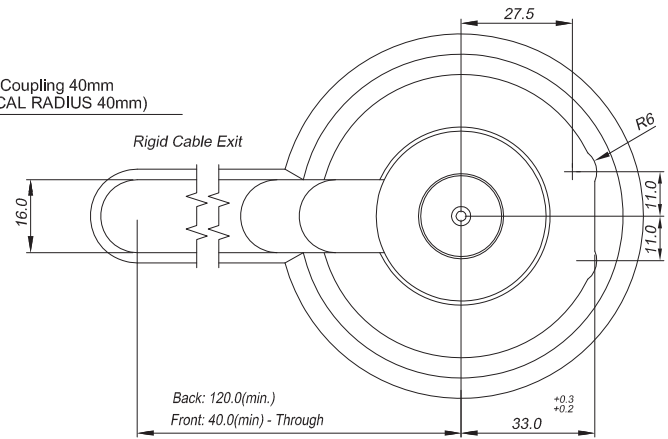
Direct Injection Standard

**polimold**  
INDUSTRIAL S.A.

| Code<br>Coupling | Dimension<br>"R" | Dimension<br>"D" |
|------------------|------------------|------------------|
| ...-R000         | 0                |                  |
| ...-R155         | 15.5             |                  |
| ...-R400         | 40.0             |                  |
| ...-R050         | 1/2"             |                  |
| ...-R075         | 3/4"             |                  |
| ...-D090         |                  | 90°              |

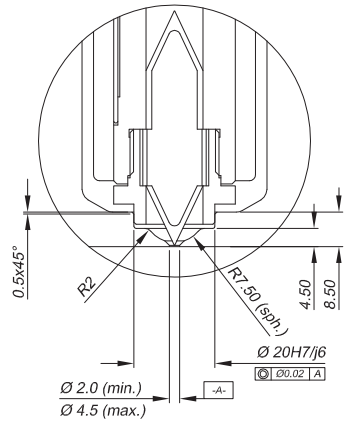
Ex: EDP14250F-R400

RAIO DE Coupling 40mm  
(SPHERICAL RADIUS 40mm)



| Diameter<br>"Gate" | Dimension<br>"B" | Dimension<br>"C" | Dimension<br>"D" |
|--------------------|------------------|------------------|------------------|
| Ø2.0               | Ø5.00            | 5.29             | 1.28             |
| Ø2.2               |                  | 5.19             | 1.32             |
| Ø2.4               |                  | 5.09             | 1.36             |
| Ø2.6               |                  | 4.99             | 1.42             |
| Ø2.8               | Ø6.00            | 6.10             | 1.47             |
| Ø3.0               |                  | 6.00             | 1.53             |
| Ø3.2               |                  | 5.90             | 1.60             |
| Ø3.4               |                  | 5.80             | 1.68             |
| Ø3.6               | Ø8.00            | 8.11             | 1.78             |
| Ø3.8               |                  | 8.01             | 1.88             |
| Ø4.0               |                  | 7.91             | 2.01             |
| Ø4.5               |                  | 7.66             | 2.49             |

Point Gate Tip



| Nozzle Assembly Specification |                  |                |                |             |         |              |          |         |              |               |                |
|-------------------------------|------------------|----------------|----------------|-------------|---------|--------------|----------|---------|--------------|---------------|----------------|
| Code<br>Nozzle                | Dimension<br>"A" | Body<br>Nozzle | Head<br>Nozzle | Components  |         |              |          |         |              |               |                |
|                               |                  |                |                | Body Heater |         |              | Heater   |         |              | Heater Spacer | Head<br>Heater |
| EDP14250-A-R...               | 250.00           | CEP14250-A     | CBP14001-A     | Heater      | Wattage | Thermocouple | Heater   | Wattage | Thermocouple | AEP14603-A    | RBP14020       |
| EDP14300-A-R...               | 300.00           | CEP14300-A     | CBP14001-A     | RBP14120    | 1100W   | TMP01160     | RTP14045 | 610W    | TMP01080     |               |                |
|                               |                  |                |                | RBP14170    | 1300W   | TMP01220     |          |         |              |               |                |

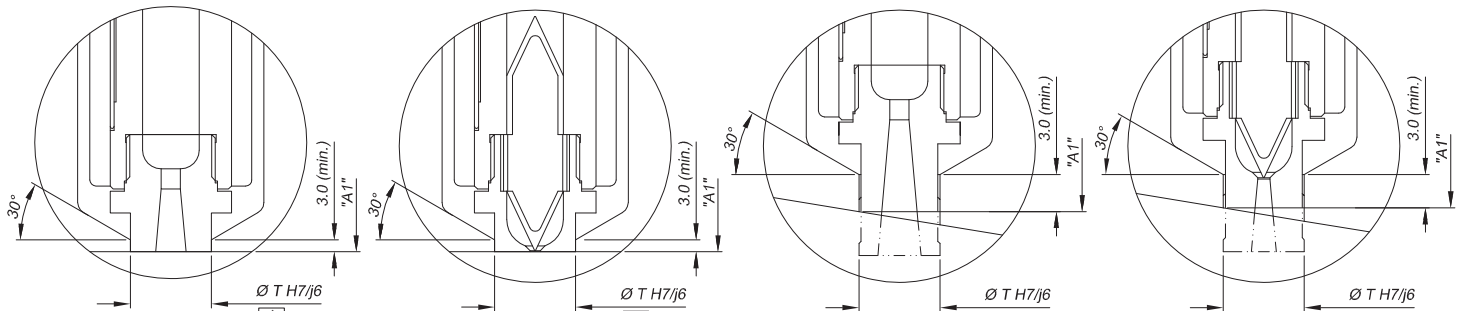
## Tip Options

Sprue Tip

Ring Style Tip

Sprue Tip  
Extended

Ring Style Tip  
Extended



# Series 800

Polimax Line

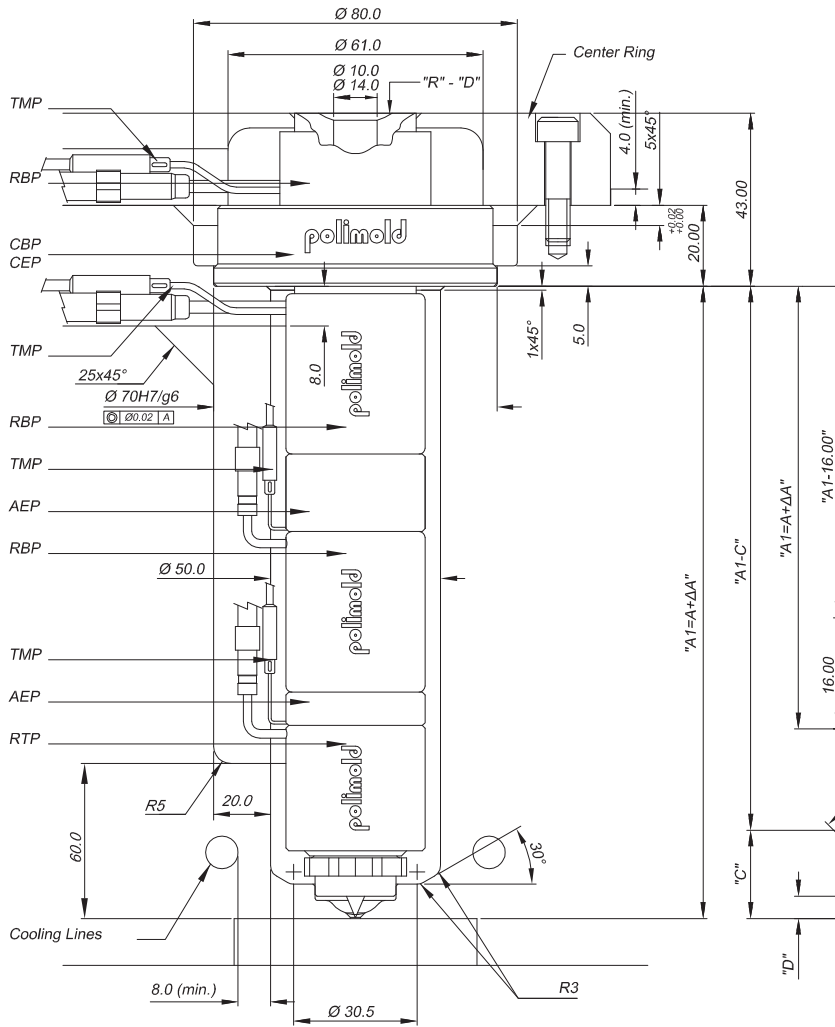
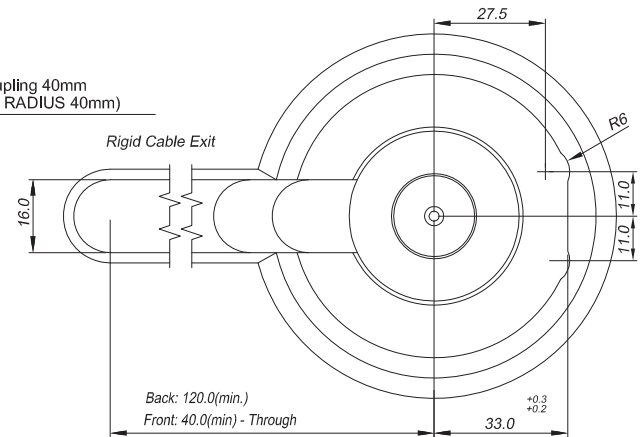
Direct Injection Standard

**polimold**  
INDUSTRIAL S.A.

| Code Coupling | Dimension "R" | Dimension "D" |
|---------------|---------------|---------------|
| ...-R000      | 0             |               |
| ...-R155      | 15.5          |               |
| ...-R400      | 40.0          |               |
| ...-R050      | 1/2"          |               |
| ...-R075      | 3/4"          |               |
| ...-D090      |               | 90°           |

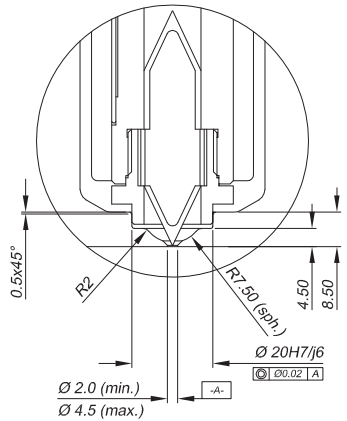
Ex: EDP14350F-R400

RAIO DE Coupling 40mm  
(SPHERICAL RADIUS 40mm)



| Diameter "Gate" | Dimension "B" | Dimension "C" | Dimension "D" |
|-----------------|---------------|---------------|---------------|
| Ø2.0            | Ø5.00         | 5.29          | 1.28          |
| Ø2.2            |               | 5.19          | 1.32          |
| Ø2.4            |               | 5.09          | 1.36          |
| Ø2.6            |               | 4.99          | 1.42          |
| Ø2.8            | Ø6.00         | 6.10          | 1.47          |
| Ø3.0            |               | 6.00          | 1.53          |
| Ø3.2            |               | 5.90          | 1.60          |
| Ø3.4            |               | 5.80          | 1.68          |
| Ø3.6            | Ø8.00         | 8.11          | 1.78          |
| Ø3.8            |               | 8.01          | 1.88          |
| Ø4.0            |               | 7.91          | 2.01          |
| Ø4.5            |               | 7.66          | 2.49          |

Point Gate Tip



Nozzle Assembly Specification

| Nozzle Assembly Specification |                  |                |                |             |         |              |          |               |                |         |                    |         |               |              |
|-------------------------------|------------------|----------------|----------------|-------------|---------|--------------|----------|---------------|----------------|---------|--------------------|---------|---------------|--------------|
| Code<br>Nozzle                | Dimension<br>"A" | Components     |                |             |         |              |          |               |                |         |                    |         |               |              |
|                               |                  | Body<br>Nozzle | Head<br>Nozzle | Body Heater |         |              | Quantity | Heater Spacer | Head<br>Heater | Wattage | Heater<br>BLINDADA | Wattage | Heater Spacer | Thermocouple |
|                               |                  |                |                | Heater      | Wattage | Thermocouple |          |               |                |         |                    |         |               |              |
| EDP14350-A-R...               | 350.00           | CEP14350-A     | CBP14001-A     | RBP14120    | 1100W   | TMP01160     | 02       | AEP14602-A    | RBP14020       | 260W    | RTP14045           | 610W    | AEP14601-A    | TMP01080     |
| EDP14400-A-R...               | 400.00           | CEP14400-A     |                | RBP14145    | 1300W   | TMP01180     |          |               |                |         |                    |         |               |              |
| EDP14450-A-R...               | 450.00           | CEP14450-A     |                | RBP14170    | 1300W   | TMP01200     |          |               |                |         |                    |         |               |              |

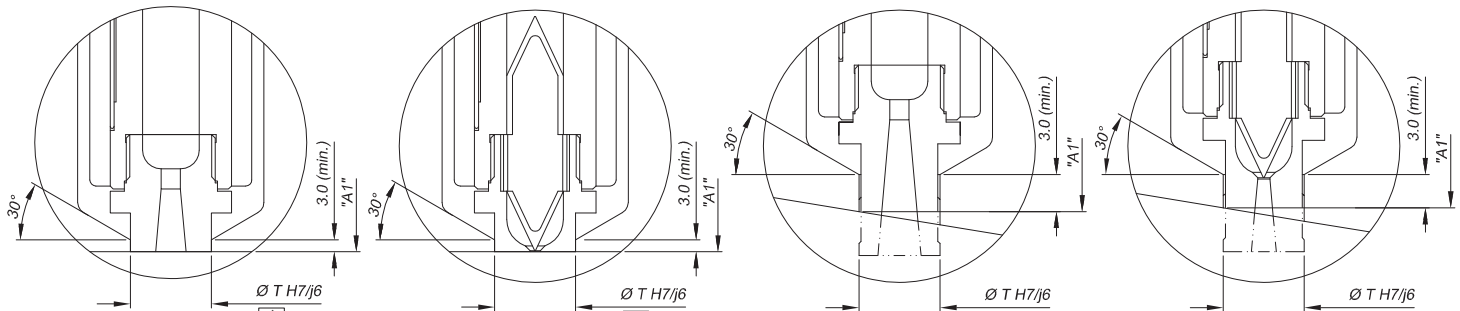
## Tip Options

Sprue Tip

Ring Style Tip

Sprue Tip Extended

Ring Style Tip Extended

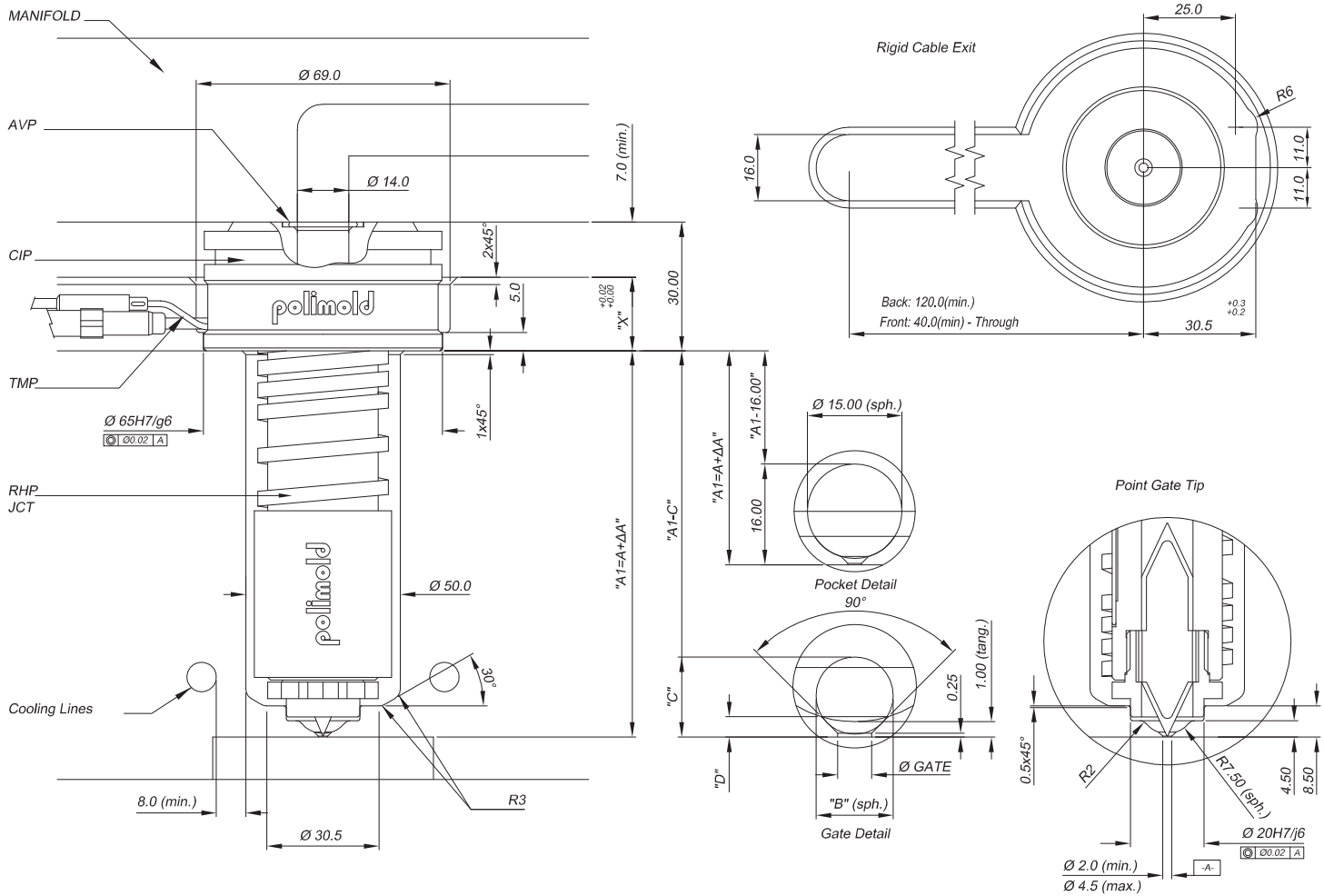


# Series 800

Polimax Line

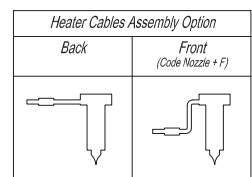
Nozzles suited to use with Manifold

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| Nozzle Assembly Specification |             |               |             |           |          |           |               |         |              |            |
|-------------------------------|-------------|---------------|-------------|-----------|----------|-----------|---------------|---------|--------------|------------|
|                               | Code Nozzle | Dimension "A" | Components  |           |          |           |               |         |              |            |
|                               |             |               | Body Nozzle | Heater    | Jacket   | Tube      | Heater Spacer | Wattage | Thermocouple | Seal Ring  |
| Heater Cables Assembly Option | Back        |               |             |           |          |           |               |         |              |            |
|                               | HIP14050-A  | 50.00         | CIP14050-A  | RHP14045  | JCT14045 | ---       | ---           | 610W    | TMP01080     | AVP14016-A |
|                               | HIP14075-A  | 75.00         | CIP14075-A  | RHP14070  | JCT14050 | ---       | ---           | 610W    | TMP01100     |            |
|                               | HIP14100-A  | 100.00        | CIP14100-A  | RHP14095  | JCT14050 | ---       | ---           | 690W    | TMP01140     |            |
|                               | HIP14125-A  | 125.00        | CIP14125-A  | RHP14120  | JCT14100 | ---       | ---           | 760W    | TMP01160     |            |
|                               | HIP14150-A  | 150.00        | CIP14150-A  | RHP14145  | JCT14100 | ---       | ---           | 850W    | TMP01180     |            |
|                               | HIP14175-A  | 175.00        | CIP14175-A  | RHP14170  | JCT14100 | ---       | ---           | 1100W   | TMP01200     |            |
|                               | HIP14200-A  | 200.00        | CIP14200-A  | RHP14195  | JCT14051 | TUBO14145 | AEP14604-A    | 900W    | TMP01220     |            |
|                               | HIP14225-A  | 225.00        | CIP14225-A  | RHP14220  | JCT14051 | TUBO14170 | AEP14604-A    | 900W    | TMP01260     |            |
|                               | HIP14275-A  | 275.00        | CIP14275-A  | RHP14270  | JCT14051 | TUBO14220 | AEP14604-A    | 1100W   | TMP01300     |            |
|                               | Front       |               |             |           |          |           |               |         |              |            |
|                               | HIP14050F-A | 50.00         | CIP14050-A  | RHP14045F | JCT14045 | ---       | ---           | 610W    | TMP01080     |            |
|                               | HIP14075F-A | 75.00         | CIP14075-A  | RHP14070F | JCT14050 | ---       | ---           | 610W    | TMP01100     |            |
|                               | HIP14100F-A | 100.00        | CIP14100-A  | RHP14095F | JCT14050 | ---       | ---           | 690W    | TMP01140     |            |
|                               | HIP14125F-A | 125.00        | CIP14125-A  | RHP14120F | JCT14100 | ---       | ---           | 760W    | TMP01160     |            |
|                               | HIP14150F-A | 150.00        | CIP14150-A  | RHP14145F | JCT14100 | ---       | ---           | 850W    | TMP01180     |            |
|                               | HIP14175F-A | 175.00        | CIP14175-A  | RHP14170F | JCT14100 | ---       | ---           | 1100W   | TMP01200     |            |
|                               | HIP14200F-A | 200.00        | CIP14200-A  | RHP14195F | JCT14051 | TUBO14145 | AEP14604-A    | 900W    | TMP01220     |            |
|                               | HIP14225F-A | 225.00        | CIP14225-A  | RHP14220F | JCT14051 | TUBO14170 | AEP14604-A    | 900W    | TMP01260     |            |
|                               | HIP14275F-A | 275.00        | CIP14275-A  | RHP14270F | JCT14051 | TUBO14220 | AEP14604-A    | 1100W   | TMP01300     |            |

| Diameter "Gate" | Dimension "B" | Dimension "C" | Dimension "D" |
|-----------------|---------------|---------------|---------------|
| Ø2.0            | Ø5.00         | 5.29          | 1.28          |
| Ø2.2            |               | 5.19          | 1.32          |
| Ø2.4            |               | 5.09          | 1.36          |
| Ø2.6            |               | 4.99          | 1.42          |
| Ø2.8            | Ø6.00         | 6.10          | 1.47          |
| Ø3.0            |               | 6.00          | 1.53          |
| Ø3.2            |               | 5.90          | 1.60          |
| Ø3.4            |               | 5.80          | 1.68          |
| Ø3.6            | Ø8.00         | 8.11          | 1.78          |
| Ø3.8            |               | 8.01          | 1.88          |
| Ø4.0            |               | 7.91          | 2.01          |
| Ø4.5            |               | 7.66          | 2.49          |



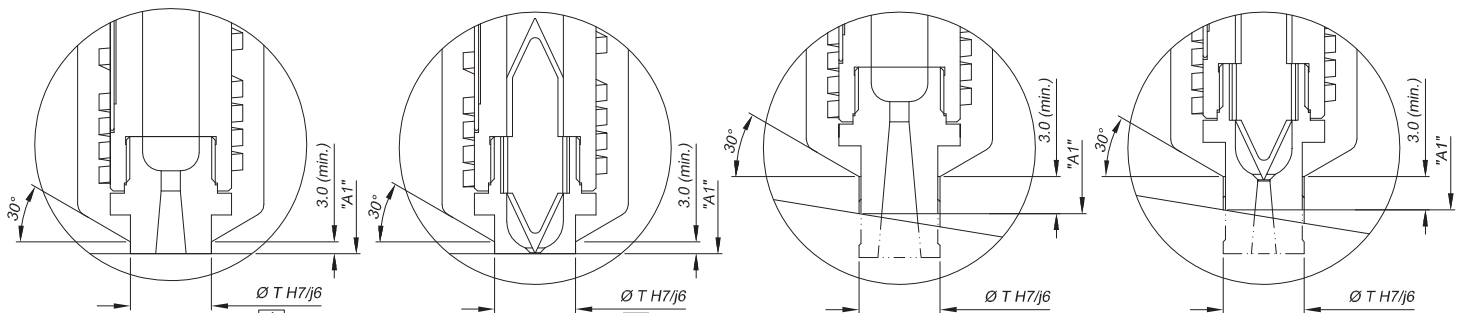
## Tip Options

Sprue Tip

Ring Style Tip

Sprue Tip  
Extended

Ring Style Tip  
Extended

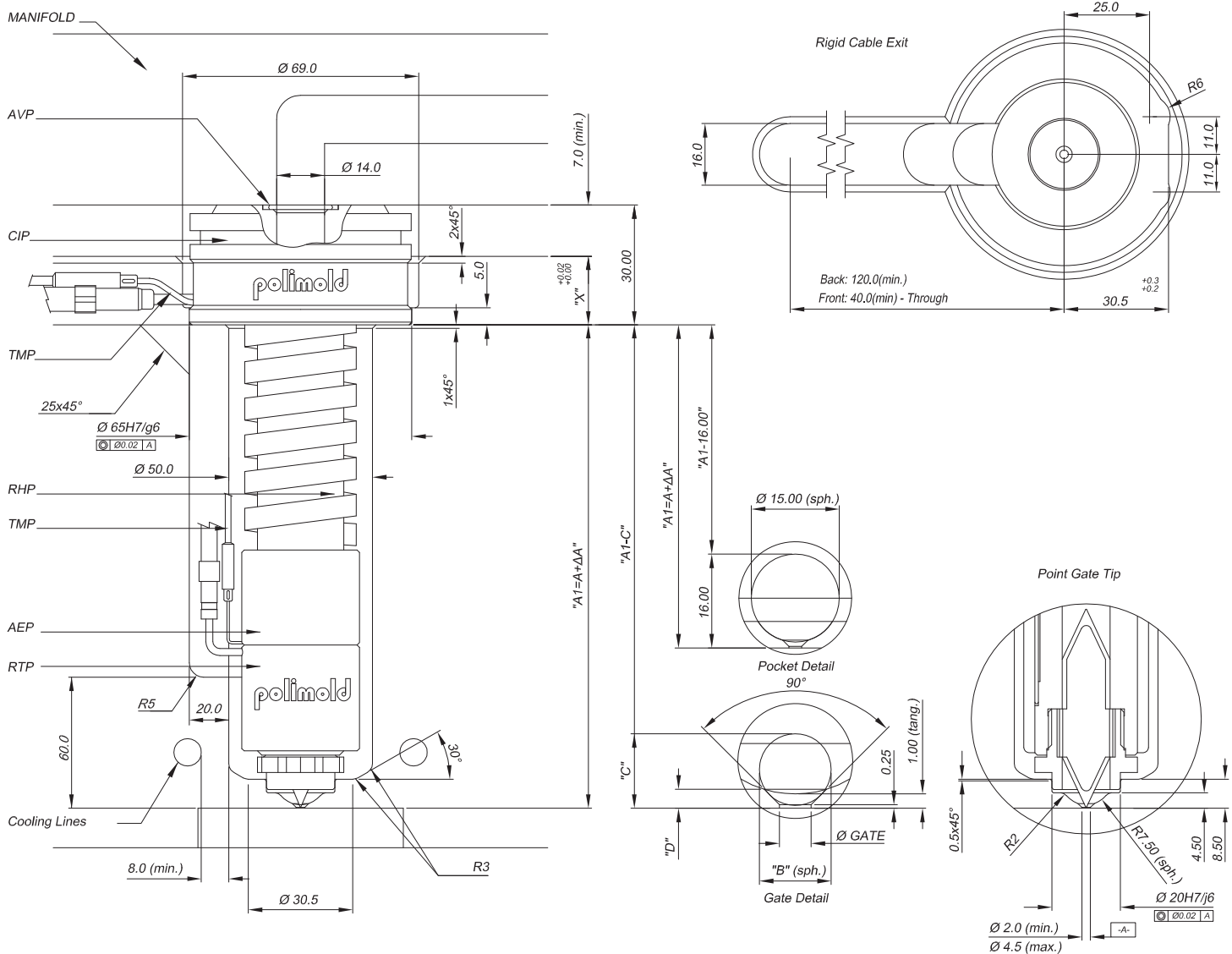


# Series 800

Polimax Line

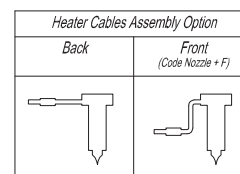
Nozzles suited to use with Manifold

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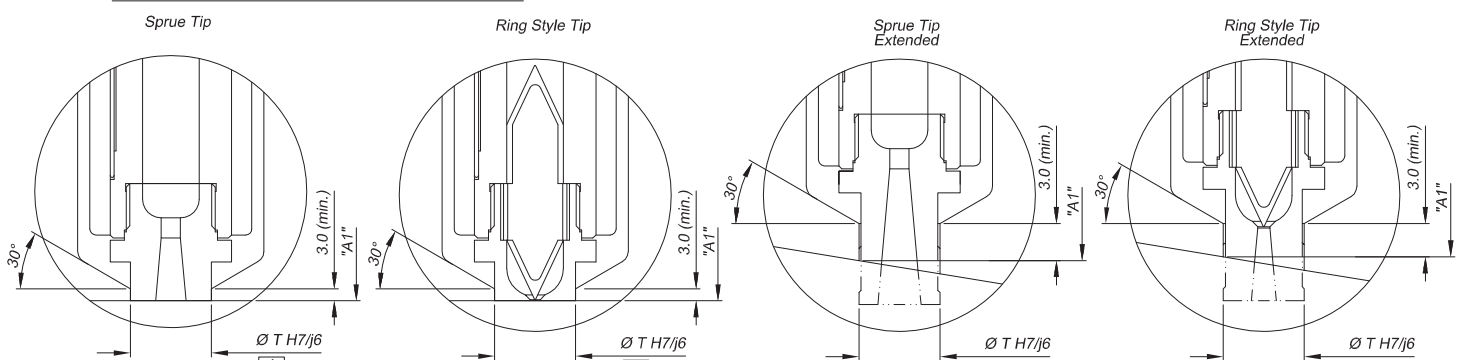


|                                  |       | Nozzle Assembly Specification |                  |                |           |           |         |              |              |          |         |                          | Diameter<br>"Gate" | Dimension<br>"B" | Dimension<br>"C" | Dimension<br>"D" |               |
|----------------------------------|-------|-------------------------------|------------------|----------------|-----------|-----------|---------|--------------|--------------|----------|---------|--------------------------|--------------------|------------------|------------------|------------------|---------------|
|                                  |       | Code<br>Nozzle                | Dimension<br>"A" | Components     |           |           |         |              |              |          |         | Thermocouple<br>Optional |                    |                  |                  |                  |               |
|                                  |       |                               |                  | Body<br>Nozzle | Heater    | Tube      | Wattage | Thermocouple | Seal<br>Ring | Heater   | Wattage |                          |                    |                  |                  |                  | Heater Spacer |
|                                  |       |                               |                  |                |           |           |         |              |              |          |         |                          |                    |                  |                  |                  |               |
| Heater Cables<br>Assembly Option | Back  | HIP14325-A                    | 325.00           | CIP14325-A     | RHP14220  | TUBO14220 | 900W    | TMP01300     | AVP14016-A   | RTP14045 | 610W    | AEP14603-A               | TMP01080           | Ø2.0             | 5.29             | 1.28             |               |
|                                  |       | HIP14375-A                    | 375.00           | CIP14375-A     | RHP14270  | TUBO14270 | 1100W   | TMP01360     |              |          |         |                          |                    | Ø2.2             | 5.19             | 1.32             |               |
|                                  |       | HIP14425-A                    | 425.00           | CIP14425-A     | RHP14320  | TUBO14320 | 1100W   | TMP01400     |              |          |         |                          |                    | Ø2.4             | 5.09             | 1.36             |               |
|                                  |       | HIP14475-A                    | 475.00           | CIP14475-A     | RHP14370  | TUBO14370 | 1100W   | TMP01460     |              |          |         |                          |                    | Ø2.6             | 4.99             | 1.42             |               |
|                                  | Front | HIP14325F-A                   | 325.00           | CIP14325-A     | RHP14220F | TUBO14220 | 900W    | TMP01300     |              |          |         |                          |                    | Ø2.8             | 6.10             | 1.47             |               |
|                                  |       | HIP14375F-A                   | 375.00           | CIP14375-A     | RHP14270F | TUBO14270 | 1100W   | TMP01360     |              |          |         |                          |                    | Ø3.0             | 6.00             | 1.53             |               |
|                                  |       | HIP14425F-A                   | 425.00           | CIP14425-A     | RHP14320F | TUBO14320 | 1100W   | TMP01400     |              |          |         |                          |                    | Ø3.2             | 5.90             | 1.60             |               |
|                                  |       | HIP14475F-A                   | 475.00           | CIP14475-A     | RHP14370F | TUBO14370 | 1100W   | TMP01460     |              |          |         |                          |                    | Ø3.4             | 5.80             | 1.68             |               |
|                                  |       |                               |                  |                |           |           |         |              |              |          |         |                          | Ø3.6               | 8.11             | 1.78             |                  |               |
|                                  |       |                               |                  |                |           |           |         |              |              |          |         |                          |                    | Ø3.8             | 8.01             | 1.88             |               |
|                                  |       |                               |                  |                |           |           |         |              |              |          |         |                          |                    | Ø4.0             | 7.91             | 2.01             |               |
|                                  |       |                               |                  |                |           |           |         |              |              |          |         |                          |                    | Ø4.5             | 7.66             | 2.49             |               |

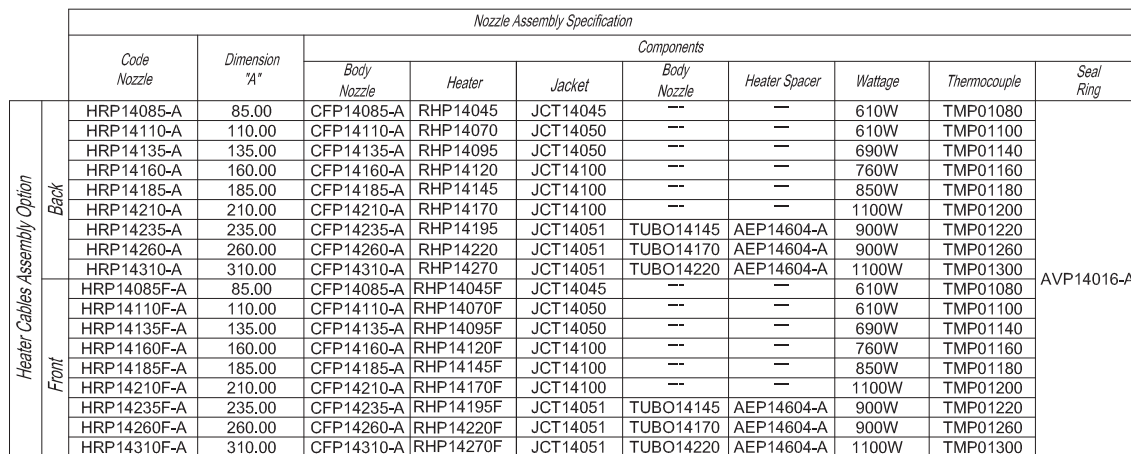
| Diameter "Gate" | Dimension "B" | Dimension "C" | Dimension "D" |
|-----------------|---------------|---------------|---------------|
| Ø2.0            | Ø5.00         | 5.29          | 1.28          |
| Ø2.2            |               | 5.19          | 1.32          |
| Ø2.4            |               | 5.09          | 1.36          |
| Ø2.6            |               | 4.99          | 1.42          |
| Ø2.8            | Ø6.00         | 6.10          | 1.47          |
| Ø3.0            |               | 6.00          | 1.53          |
| Ø3.2            |               | 5.90          | 1.60          |
| Ø3.4            |               | 5.80          | 1.68          |
| Ø3.6            | Ø8.00         | 8.11          | 1.78          |
| Ø3.8            |               | 8.01          | 1.88          |
| Ø4.0            |               | 7.91          | 2.01          |
| Ø4.5            |               | 7.66          | 2.49          |



## Tip Options



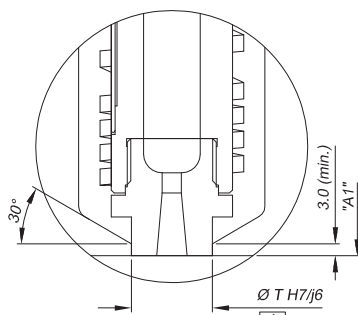
### Nozzles suited to use with Manifold



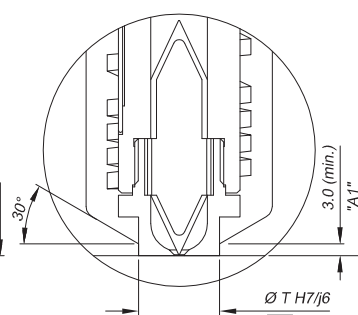
| <i>Diameter<br/>"Gate"</i> | <i>Dimension<br/>"B"</i> | <i>Dimension<br/>"C"</i> | <i>Dimension<br/>"D"</i> |
|----------------------------|--------------------------|--------------------------|--------------------------|
| Ø2.0                       | Ø5.00                    | 5.29                     | 1.28                     |
| Ø2.2                       |                          | 5.19                     | 1.32                     |
| Ø2.4                       |                          | 5.09                     | 1.36                     |
| Ø2.6                       |                          | 4.99                     | 1.42                     |
| Ø2.8                       | Ø6.00                    | 6.10                     | 1.47                     |
| Ø3.0                       |                          | 6.00                     | 1.53                     |
| Ø3.2                       |                          | 5.90                     | 1.60                     |
| Ø3.4                       |                          | 5.80                     | 1.68                     |
| Ø3.6                       | Ø8.00                    | 8.11                     | 1.78                     |
| Ø3.8                       |                          | 8.01                     | 1.88                     |
| Ø4.0                       |                          | 7.91                     | 2.01                     |
| Ø4.5                       |                          | 7.66                     | 2.49                     |

| Heater Cables Assembly Option                                                         |                                                                                       |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Back                                                                                  | Front<br>(Code Nozzle + F)                                                            |
|  |  |

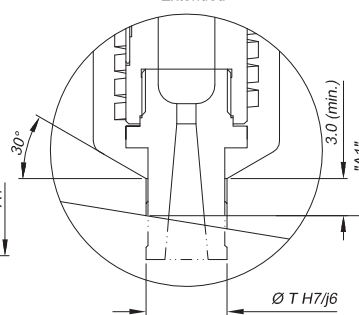
### Sprue Tip



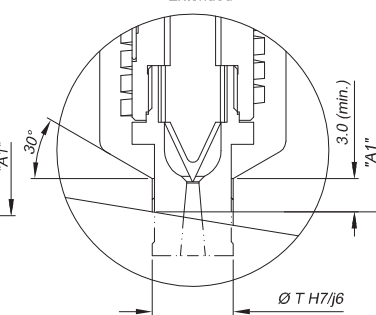
### Ring Style Tip



*Sprue Tip  
Extended*



Ring Style Tip  
Extended

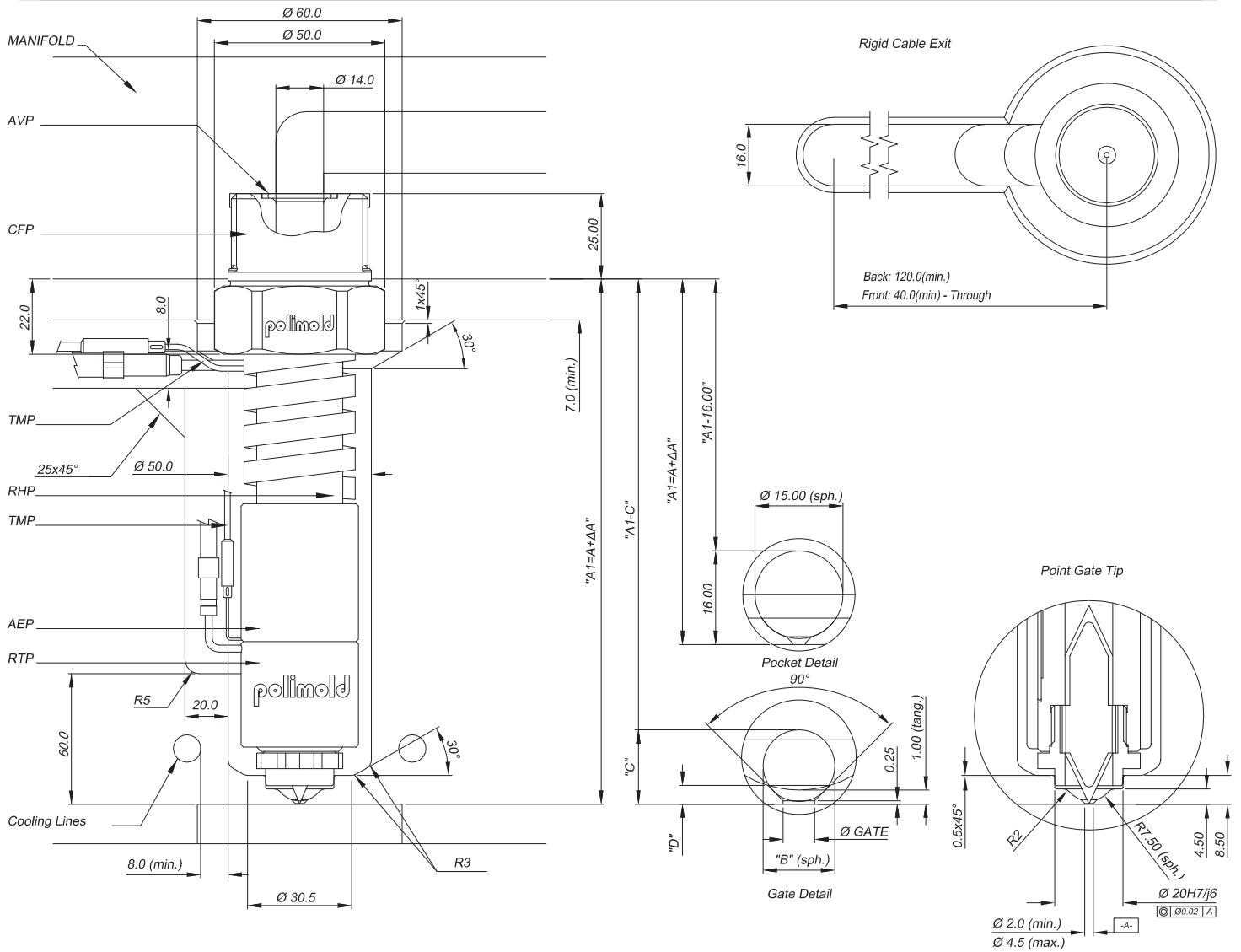


# Series 800

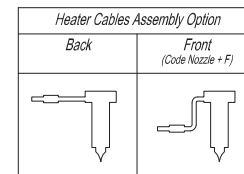
Polimax Line

Nozzles suited to use with Manifold

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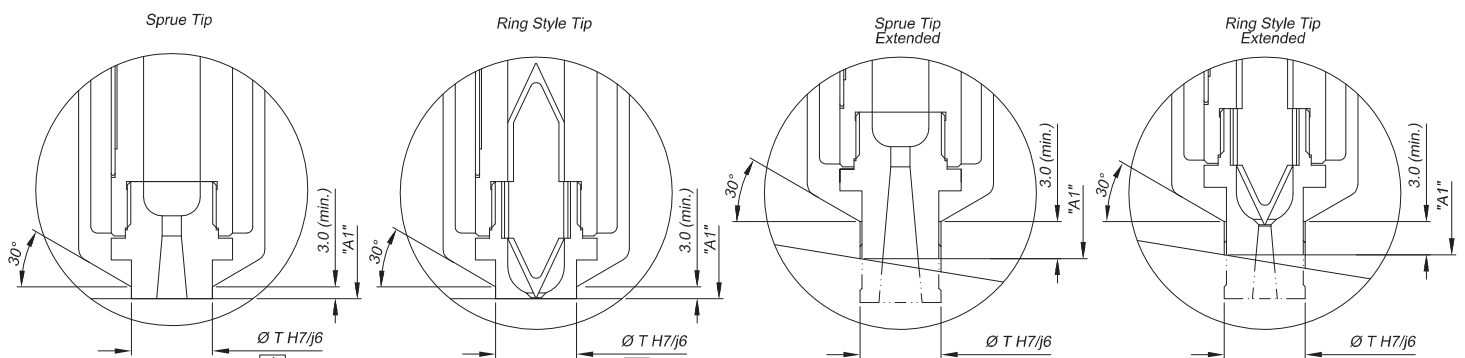


|                                  |       | Nozzle Assembly Specification |                  |                |           |                     |         |              |              |          |         |               |              |
|----------------------------------|-------|-------------------------------|------------------|----------------|-----------|---------------------|---------|--------------|--------------|----------|---------|---------------|--------------|
|                                  |       | Code<br>Nozzle                | Dimension<br>"A" | Components     |           |                     |         |              |              |          |         |               |              |
|                                  |       |                               |                  | Body<br>Nozzle | Heater    | TUBO<br>DE PROTEÇÃO | Wattage | Thermocouple | Seal<br>Ring | Heater   | Wattage | Heater Spacer | Thermocouple |
| Heater Cables<br>Assembly Option | Back  | HRP14360-A                    | 360,00           | CFP14360-A     | RHP14220  | TUBO14220           | 900W    | TMP01280     | AVP14016-A   | RTP14045 | 610W    | AEP14603-A    | TMP01080     |
|                                  |       | HRP14410-A                    | 410,00           | CFP14410-A     | RHP14270  | TUBO14270           | 1100W   | TMP01320     |              |          |         |               |              |
|                                  |       | HRP14460-A                    | 460,00           | CFP14460-A     | RHP14320  | TUBO14320           | 1100W   | TMP01380     |              |          |         |               |              |
|                                  |       | HRP14510-A                    | 510,00           | CFP14510-A     | RHP14370  | TUBO14370           | 1100W   | TMP01420     |              |          |         |               |              |
|                                  | Front | HRP14360F-A                   | 360,00           | CFP14360-A     | RHP14220F | TUBO14220           | 900W    | TMP01280     |              |          |         |               |              |
|                                  |       | HRP14410F-A                   | 410,00           | CFP14410-A     | RHP14270F | TUBO14270           | 1100W   | TMP01320     |              |          |         |               |              |
|                                  |       | HRP14460F-A                   | 460,00           | CFP14460-A     | RHP14320F | TUBO14320           | 1100W   | TMP01380     |              |          |         |               |              |
|                                  |       | HRP14510F-A                   | 510,00           | CFP14510-A     | RHP14370F | TUBO14370           | 1100W   | TMP01420     |              |          |         |               |              |



| Diameter "Gate" | Dimension "B" | Dimension "C" | Dimension "D" |
|-----------------|---------------|---------------|---------------|
| Ø2.0            | Ø5.00         | 5.29          | 1.28          |
| Ø2.2            |               | 5.19          | 1.32          |
| Ø2.4            |               | 5.09          | 1.36          |
| Ø2.6            |               | 4.99          | 1.42          |
| Ø2.8            | Ø6.00         | 6.10          | 1.47          |
| Ø3.0            |               | 6.00          | 1.53          |
| Ø3.2            |               | 5.90          | 1.60          |
| Ø3.4            |               | 5.80          | 1.68          |
| Ø3.6            | Ø8.00         | 8.11          | 1.78          |
| Ø3.8            |               | 8.01          | 1.88          |
| Ø4.0            |               | 7.91          | 2.01          |
| Ø4.5            |               | 7.66          | 2.49          |

## Tip Options

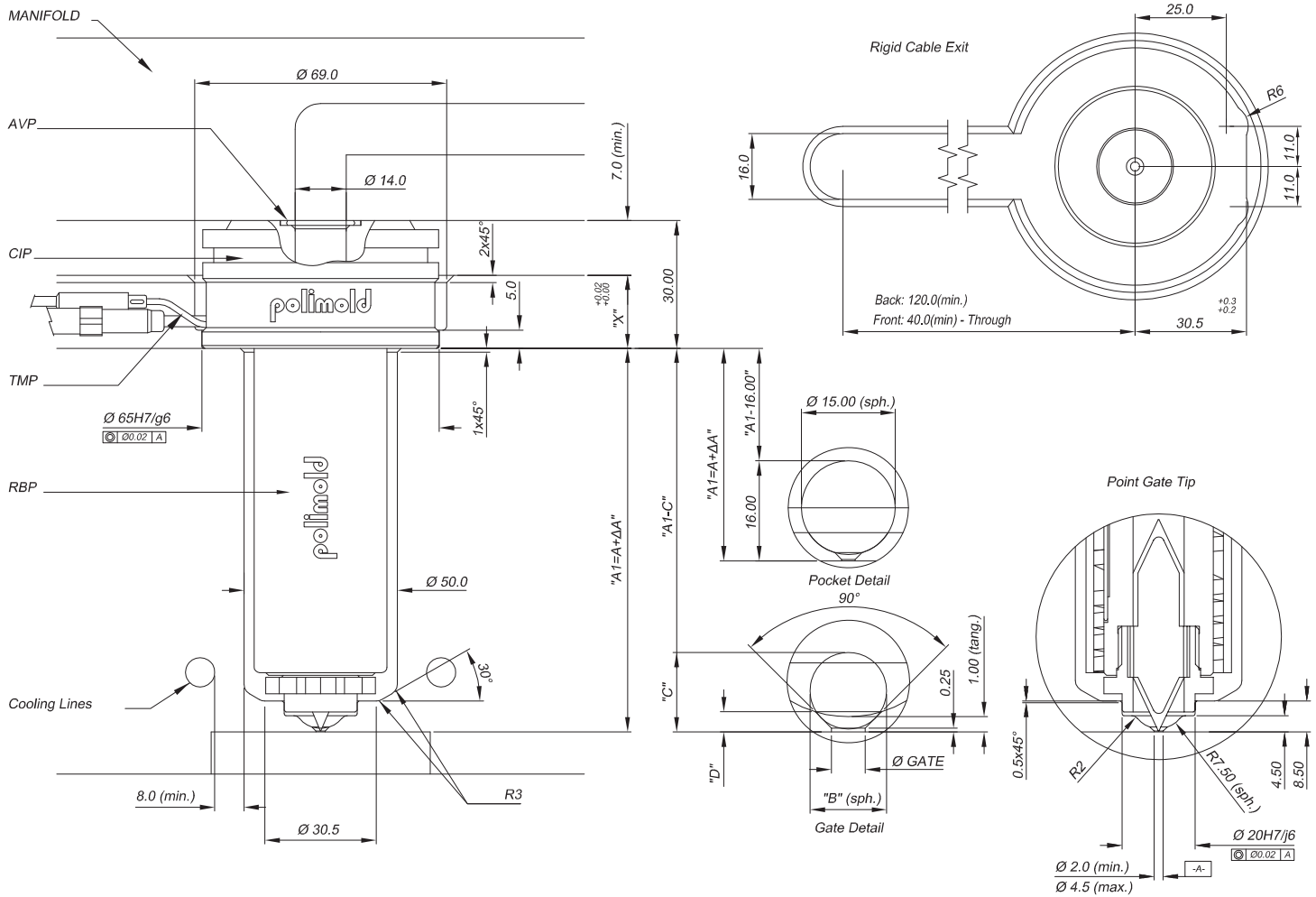


# Series 800

Polimax Line

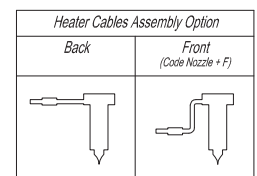
Nozzles suited to use with Manifold

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INDUSTRIAL S.A.



| Nozzle Assembly Specification |             |               |             |           |         |              |            |
|-------------------------------|-------------|---------------|-------------|-----------|---------|--------------|------------|
|                               | Code Nozzle | Dimension "A" | Components  |           |         |              |            |
|                               |             |               | Body Nozzle | Heater    | Wattage | Thermocouple | Seal Ring  |
| Heater Cables Assembly Option | Back        | BIP14050-A    | CIP14050-A  | RBP14045  | 610W    | TMP01080     | AVP14016-A |
|                               |             | BIP14075-A    | CIP14075-A  | RBP14070  | 850W    | TMP01100     |            |
|                               |             | BIP14100-A    | CIP14100-A  | RBP14095  | 1100W   | TMP01140     |            |
|                               |             | BIP14125-A    | CIP14125-A  | RBP14120  | 1100W   | TMP01160     |            |
|                               |             | BIP14150-A    | CIP14150-A  | RBP14145  | 1300W   | TMP01180     |            |
|                               |             | BIP14175-A    | CIP14175-A  | RBP14170  | 1300W   | TMP01200     |            |
|                               |             | BIP14200-A    | CIP14200-A  | RBP14195  | 1300W   | TMP01220     |            |
|                               |             | BIP14050-A    | CIP14050-A  | RBP14045F | 610W    | TMP01080     |            |
|                               | Front       | BIP14075F-A   | CIP14075-A  | RBP14070F | 850W    | TMP01100     |            |
|                               |             | BIP14100F-A   | CIP14100-A  | RBP14095F | 1100W   | TMP01140     |            |
|                               |             | BIP14125F-A   | CIP14125-A  | RBP14120F | 1100W   | TMP01160     |            |
|                               |             | BIP14150F-A   | CIP14150-A  | RBP14145F | 1300W   | TMP01180     |            |
|                               |             | BIP14175F-A   | CIP14175-A  | RBP14170F | 1300W   | TMP01200     |            |
|                               |             | BIP14200F-A   | CIP14200-A  | RBP14195F | 1300W   | TMP01220     |            |

| Diameter "Gate" | Dimension "B" | Dimension "C" | Dimension "D" |
|-----------------|---------------|---------------|---------------|
| Ø2.0            | Ø5.00         | 5.29          | 1.28          |
| Ø2.2            |               | 5.19          | 1.32          |
| Ø2.4            |               | 5.09          | 1.36          |
| Ø2.6            |               | 4.99          | 1.42          |
| Ø2.8            | Ø6.00         | 6.10          | 1.47          |
| Ø3.0            |               | 6.00          | 1.53          |
| Ø3.2            |               | 5.90          | 1.60          |
| Ø3.4            |               | 5.80          | 1.68          |
| Ø3.6            | Ø8.00         | 8.11          | 1.78          |
| Ø3.8            |               | 8.01          | 1.88          |
| Ø4.0            |               | 7.91          | 2.01          |
| Ø4.5            |               | 7.66          | 2.49          |



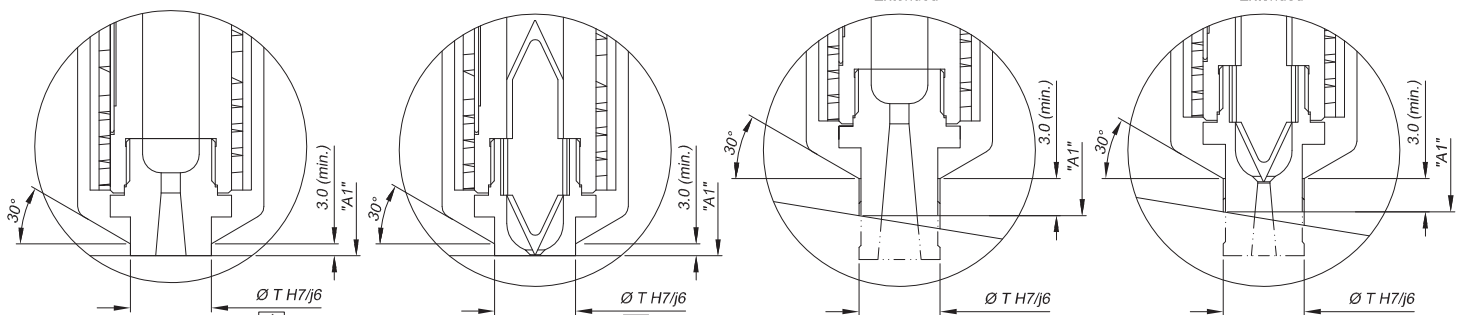
## Tip Options

Sprue Tip

Ring Style Tip

Sprue Tip  
Extended

Ring Style Tip  
Extended



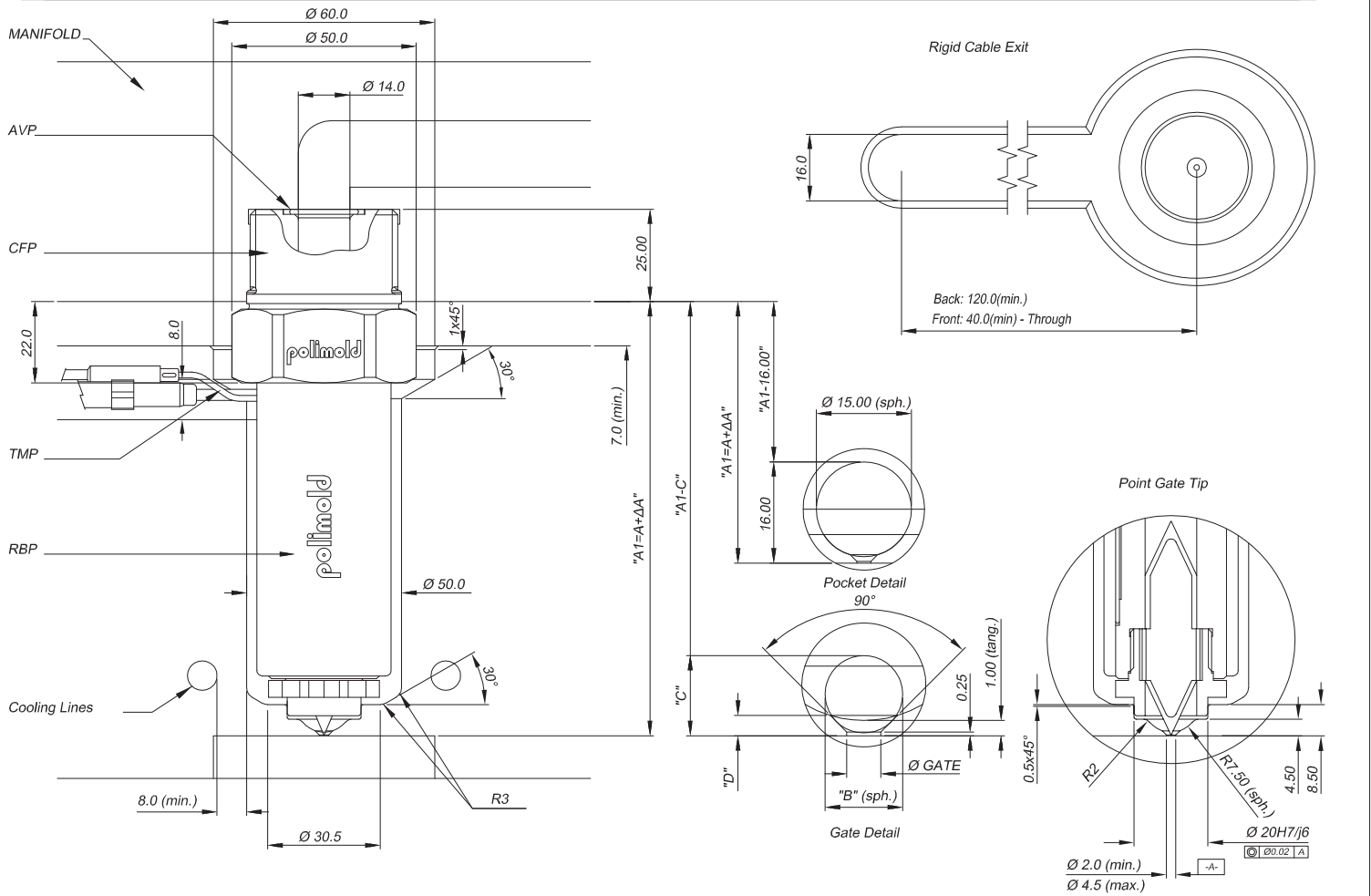


# Series 800

Polimax Line

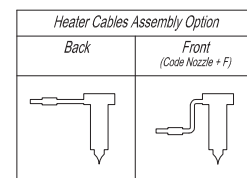
Nozzles suited to use with Manifold

**polimold**  
INDUSTRIAL S.A.

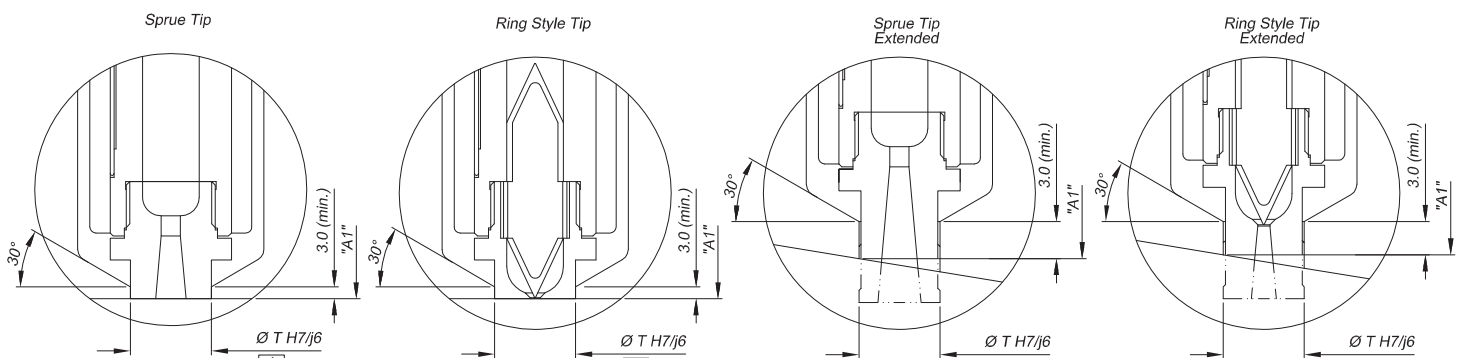


| Nozzle Assembly Specification |             |               |             |           |         |              |            |
|-------------------------------|-------------|---------------|-------------|-----------|---------|--------------|------------|
|                               | Code Nozzle | Dimension "A" | Components  |           |         |              |            |
|                               |             |               | Body Nozzle | Heater    | Wattage | Thermocouple | Seal Ring  |
|                               |             |               |             |           |         |              |            |
| Heater Cables Assembly Option | Back        | BRF14085-A    | CFP14085-A  | RBP14045  | 610W    | TMP01080     | AVP14016-A |
|                               |             | BRF14110-A    | CFP14110-A  | RBP14070  | 850W    | TMP01100     |            |
|                               |             | BRF14135-A    | CFP14135-A  | RBP14095  | 1100W   | TMP01140     |            |
|                               |             | BRF14160-A    | CFP14160-A  | RBP14120  | 1100W   | TMP01160     |            |
|                               |             | BRF14185-A    | CFP14185-A  | RBP14145  | 1300W   | TMP01180     |            |
|                               |             | BRF14210-A    | CFP14210-A  | RBP14170  | 1300W   | TMP01200     |            |
|                               |             | BRF14235-A    | CFP14235-A  | RBP14195  | 1300W   | TMP01220     |            |
|                               |             | BRF14085-A    | CFP14085-A  | RBP14045F | 610W    | TMP01080     |            |
|                               | Front       | BRF14110F-A   | CFP14110-A  | RBP14070F | 850W    | TMP01100     |            |
|                               |             | BRF14135F-A   | CFP14135-A  | RBP14095F | 1100W   | TMP01140     |            |
|                               |             | BRF14160F-A   | CFP14160-A  | RBP14120F | 1100W   | TMP01160     |            |
|                               |             | BRF14185F-A   | CFP14185-A  | RBP14145F | 1300W   | TMP01180     |            |
|                               |             | BRF14210F-A   | CFP14210-A  | RBP14170F | 1300W   | TMP01200     |            |
|                               |             | BRF14235F-A   | CFP14235-A  | RBP14195F | 1300W   | TMP01220     |            |

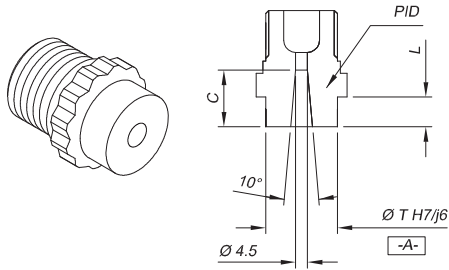
| Diameter "Gate" | Dimension "B" | Dimension "C" | Dimension "D" |
|-----------------|---------------|---------------|---------------|
| Ø2.0            | Ø5.00         | 5.29          | 1.28          |
| Ø2.2            |               | 5.19          | 1.32          |
| Ø2.4            |               | 5.09          | 1.36          |
| Ø2.6            | Ø6.00         | 4.99          | 1.42          |
| Ø2.8            |               | 6.10          | 1.47          |
| Ø3.0            |               | 6.00          | 1.53          |
| Ø3.2            | Ø8.00         | 5.90          | 1.60          |
| Ø3.4            |               | 5.80          | 1.68          |
| Ø3.6            |               | 8.11          | 1.78          |
| Ø3.8            | Ø8.00         | 8.01          | 1.88          |
| Ø4.0            |               | 7.91          | 2.01          |
| Ø4.5            |               | 7.66          | 2.49          |



## Tip Options

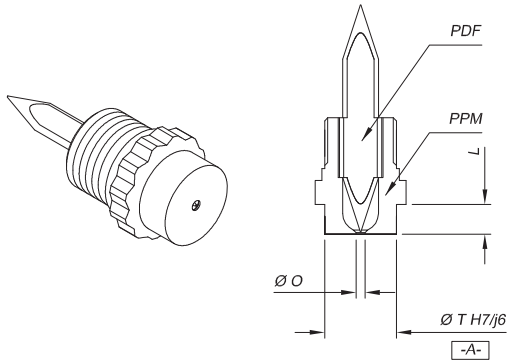


### Sprue Tip



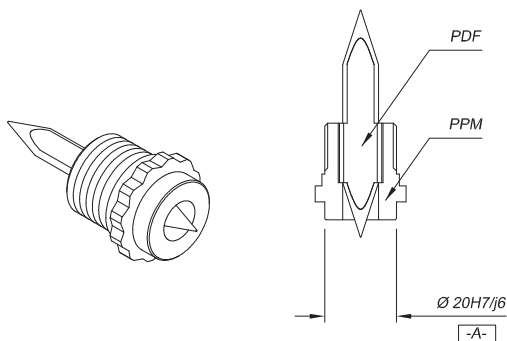
| Tip Dimension |               |               |               |
|---------------|---------------|---------------|---------------|
| Code Tip      | Dimension "T" | Dimension "L" | Dimension "C" |
| PID14001-A    | 20.00         | 9.00          | 13.00         |
| PID14002-A    | 30.00         | 9.00          | 13.00         |
| PID14003-A    | 20.00         | 27.50         | 31.00         |
| PID14004-A    | 30.00         | 27.50         | 31.00         |

### Ring Style Tip



| Tip Dimension |                |            |                                     |               |               |               |
|---------------|----------------|------------|-------------------------------------|---------------|---------------|---------------|
| Tip           | Tip Components |            | Material                            | Dimension "T" | Dimension "O" | Dimension "L" |
|               | Needle         | Body       |                                     |               |               |               |
| PMA14001-A    | PDF14702-A     | PPM14601-A | STANDARD<br>(COATED IN "Cr")        | 20.00         | 2.50          | 9.00          |
| PMA14002-A    |                | PPM14602-A |                                     | 20.00         | 3.00          |               |
| PMA14003-A    |                | PPM14603-A |                                     | 30.00         | 2.50          |               |
| PMA14004-A    |                | PPM14604-A |                                     | 30.00         | 3.00          |               |
| PMA14005-A    |                | PPM14605-A |                                     | 20.00         | 2.50          | 27.50         |
| PMA14006-A    |                | PPM14606-A |                                     | 20.00         | 3.00          |               |
| PMA14007-A    |                | PPM14607-A |                                     | 30.00         | 2.50          |               |
| PMA14008-A    |                | PPM14608-A |                                     | 30.00         | 3.00          |               |
| PMA14009-A    | PDF14502-A     | PPM14601-A | HIGH<br>PERFORMANCE                 | 20.00         | 2.50          | 9.00          |
| PMA14010-A    |                | PPM14602-A |                                     | 20.00         | 3.00          |               |
| PMA14011-A    |                | PPM14603-A |                                     | 30.00         | 2.50          |               |
| PMA14012-A    |                | PPM14604-A |                                     | 30.00         | 3.00          |               |
| PMA14013-A    |                | PPM14605-A |                                     | 20.00         | 2.50          | 27.50         |
| PMA14014-A    |                | PPM14606-A |                                     | 20.00         | 3.00          |               |
| PMA14015-A    |                | PPM14607-A |                                     | 30.00         | 2.50          |               |
| PMA14016-A    |                | PPM14608-A |                                     | 30.00         | 3.00          |               |
| PMA14109-A    | PDF14802-A     | PPM14601-A | STANDARD<br>DME<br>(COATED IN "Ni") | 20.00         | 2.50          | 9.00          |
| PMA14110-A    |                | PPM14602-A |                                     | 20.00         | 3.00          |               |
| PMA14111-A    |                | PPM14603-A |                                     | 30.00         | 2.50          |               |
| PMA14112-A    |                | PPM14604-A |                                     | 30.00         | 3.00          |               |
| PMA14113-A    |                | PPM14605-A |                                     | 20.00         | 2.50          | 27.50         |
| PMA14114-A    |                | PPM14606-A |                                     | 20.00         | 3.00          |               |
| PMA14115-A    |                | PPM14607-A |                                     | 30.00         | 2.50          |               |
| PMA14116-A    |                | PPM14608-A |                                     | 30.00         | 3.00          |               |

### Point Gate Tip



| Tip        | Tip Components |            |                                  |
|------------|----------------|------------|----------------------------------|
|            | Needle         | Body       | Material                         |
| PVM14001-A | PDF14702-A     | PPM14609-A | STANDARD<br>(COATED IN "Cr")     |
| PVM14002-A | PDF14502-A     | PPM14609-A | High Performance                 |
| PVM14009-A | PDF14802-A     | PPM14609-A | STANDARD DME<br>(COATED IN "Ni") |

# Series 1000

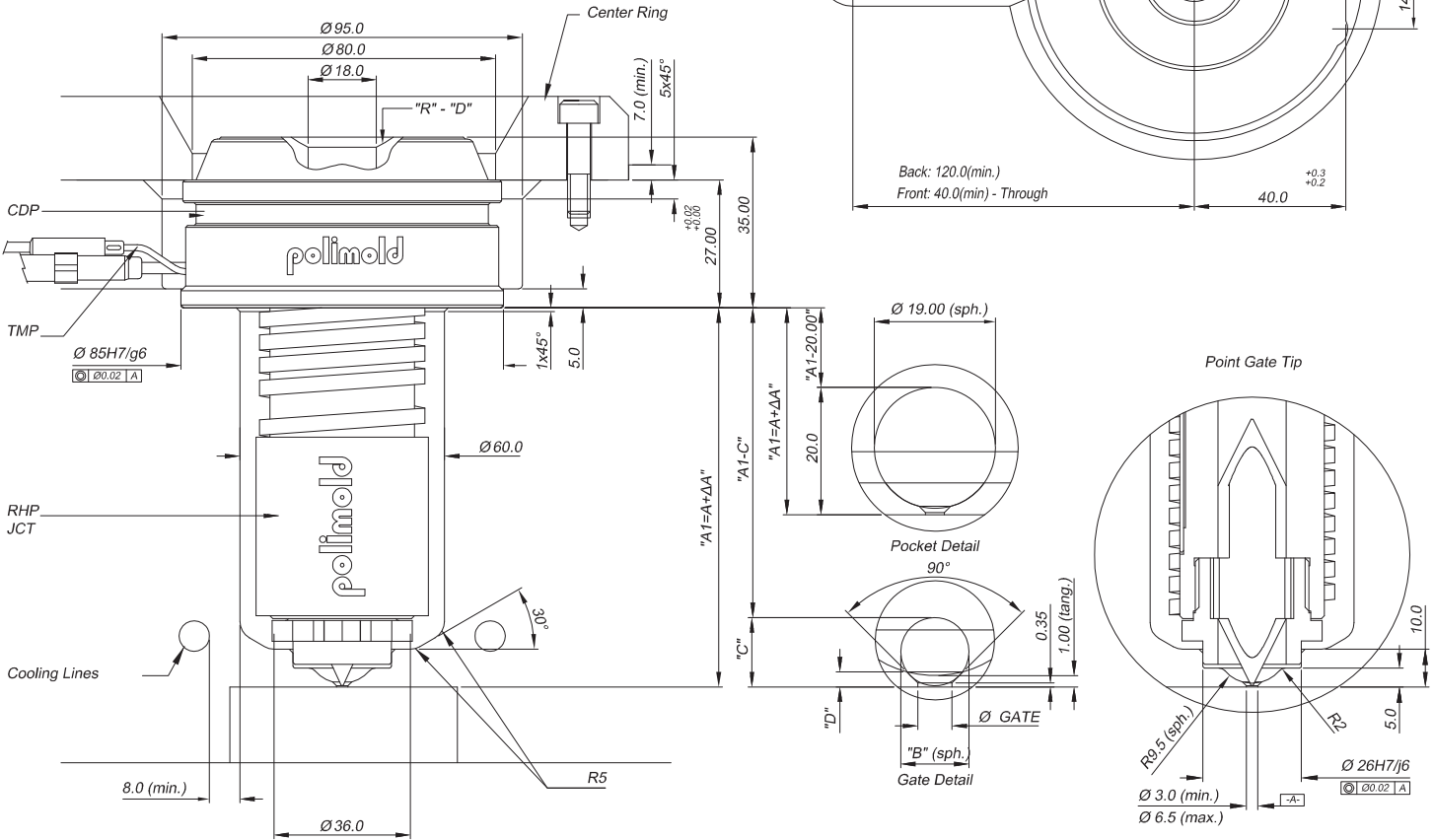
Polimax Line

Direct Injection Standard

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Ex: HDP18100F-R400

| Code<br>Coupling | Dimension<br>"R" | Dimension<br>"D" |
|------------------|------------------|------------------|
| ...-R000         | 0                |                  |
| ...-R155         | 15.5             |                  |
| ...-R400         | 40.0             |                  |
| ...-R050         | 1/2"             |                  |
| ...-R075         | 3/4"             |                  |
| ...-D090         |                  | 90°              |



Nozzle Assembly Specification

| Code<br>Nozzle  | Dimension<br>"A" | Components     |          |          |           |               |         |              |
|-----------------|------------------|----------------|----------|----------|-----------|---------------|---------|--------------|
|                 |                  | Body<br>Nozzle | Heater   | Jacket   | Tube      | Heater Spacer | Wattage | Thermocouple |
| HDP18060-A-R... | 60.00            | CDP18060-A     | RHP18053 | JCT18050 | ---       | ---           | 610W    | TMP01120     |
| HDP18100-A-R... | 100.00           | CDP18100-A     | RHP18093 | JCT18050 | ---       | ---           | 1100W   | TMP01140     |
| HDP18125-A-R... | 125.00           | CDP18125-A     | RHP18118 | JCT18100 | ---       | ---           | 1100W   | TMP01160     |
| HDP18150-A-R... | 150.00           | CDP18150-A     | RHP18143 | JCT18100 | ---       | ---           | 1100W   | TMP01180     |
| HDP18175-A-R... | 175.00           | CDP18175-A     | RHP18168 | JCT18100 | ---       | ---           | 1100W   | TMP01200     |
| HDP18200-A-R... | 200.00           | CDP18200-A     | RHP18193 | JCT18051 | TUBO18143 | AEP20604-A    | 1100W   | TMP01240     |
| HDP18225-A-R... | 225.00           | CDP18225-A     | RHP18218 | JCT18051 | TUBO18168 | AEP20604-A    | 1100W   | TMP01260     |
| HDP18250-A-R... | 250.00           | CDP18250-A     | RHP18243 | JCT18051 | TUBO18193 | AEP20604-A    | 1100W   | TMP01280     |
| HDP18300-A-R... | 300.00           | CDP18300-A     | RHP18293 | JCT18051 | TUBO18243 | AEP20604-A    | 1100W   | TMP01340     |

| Diameter<br>"Gate" | Dimension<br>"B" | Dimension<br>"C" | Dimension<br>"D" |
|--------------------|------------------|------------------|------------------|
| Ø3.0               | Ø6.00            | 6.09             | 1.33             |
| Ø3.5               |                  | 5.84             | 1.43             |
| Ø4.0               |                  | 5.59             | 1.56             |
| Ø4.5               |                  | 10.17            | 1.71             |
| Ø5.0               | Ø10.00           | 9.92             | 1.91             |
| Ø5.5               |                  | 9.67             | 2.17             |
| Ø6.0               |                  | 9.42             | 2.55             |
| Ø6.5               |                  | 9.17             | 3.32             |

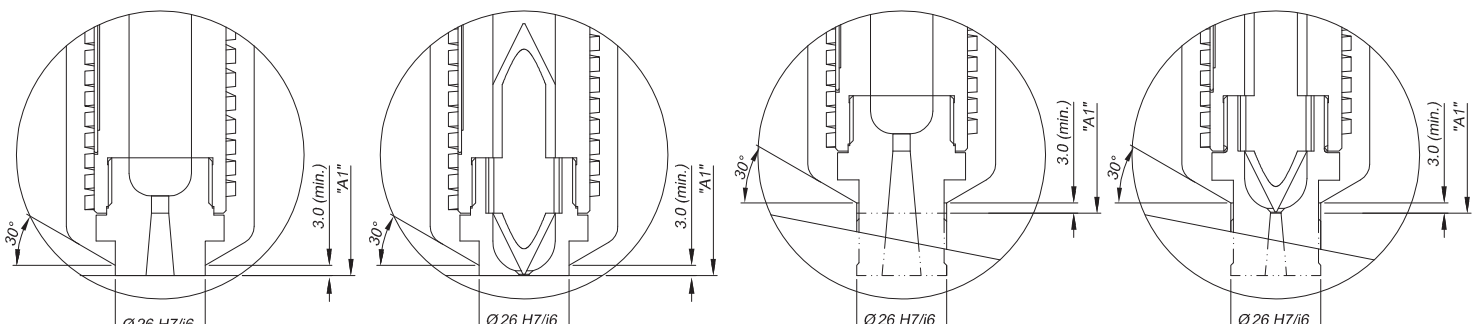
## Tip Options

Sprue Tip

Ring Style Tip

Sprue Tip  
Extended

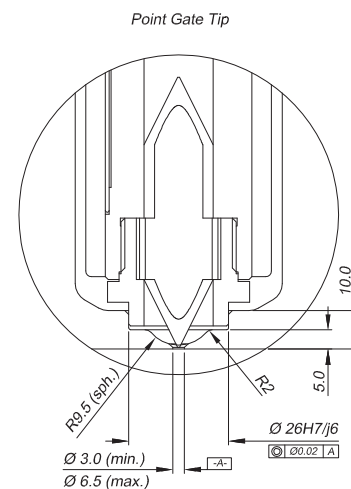
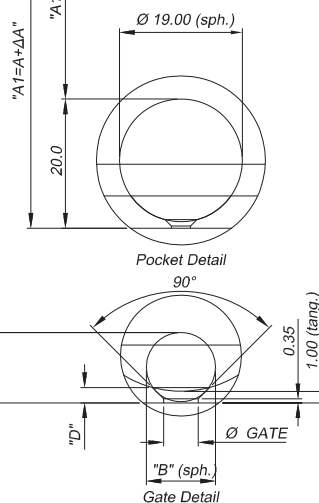
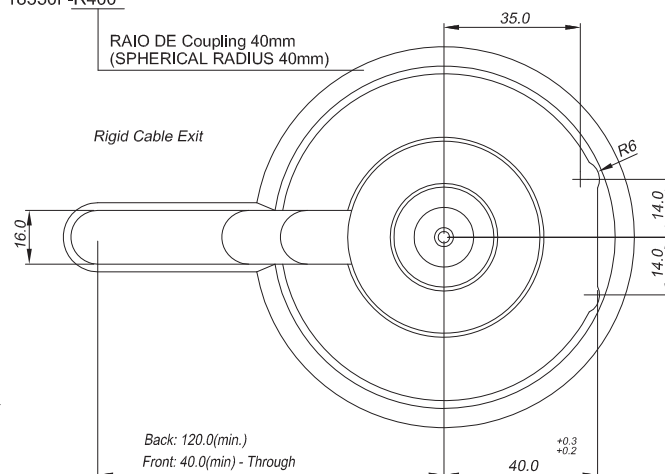
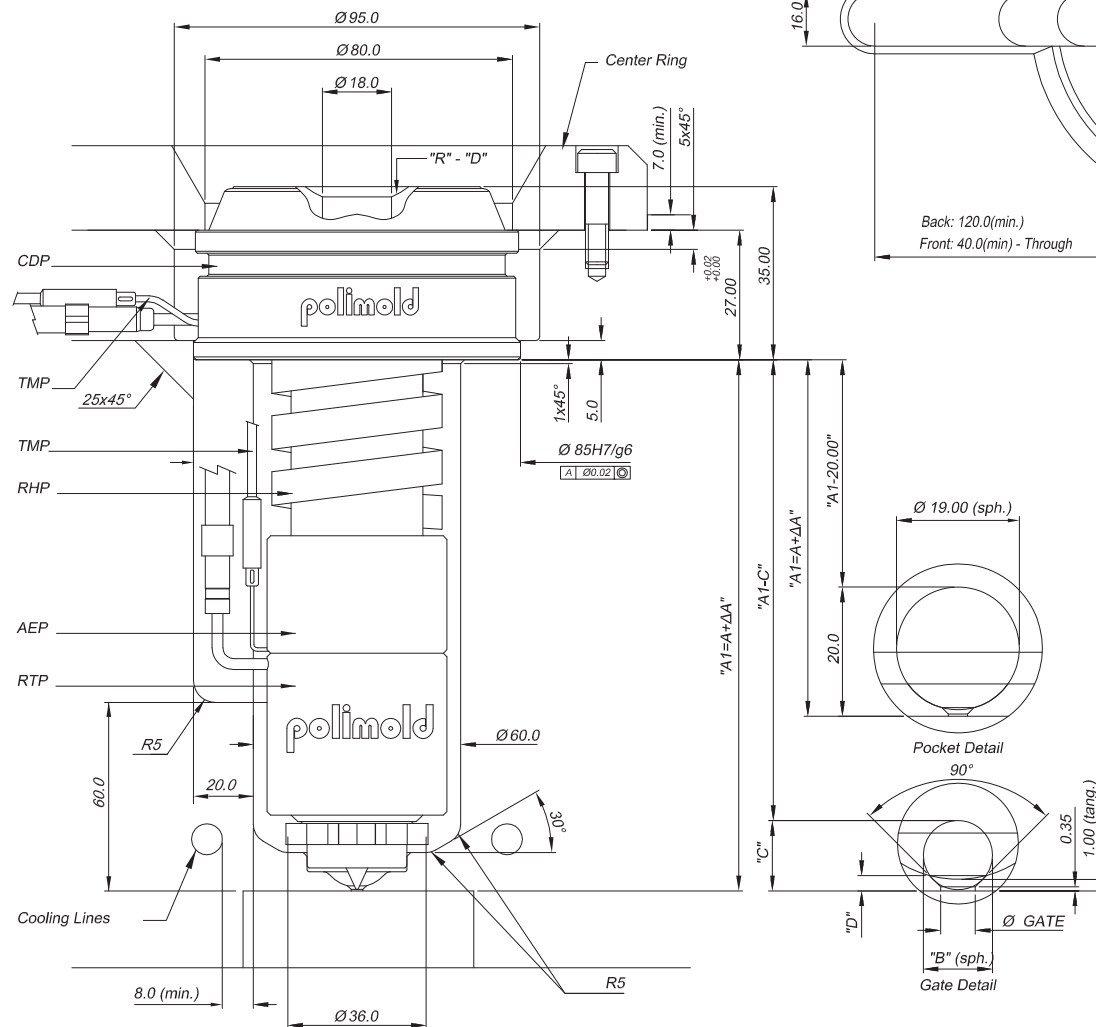
Ring Style Tip  
Extended



### Direct Injection Standard

| <i>Code<br/>Coupling</i> | <i>Dimension<br/>"R"</i> | <i>Dimension<br/>"D"</i> |
|--------------------------|--------------------------|--------------------------|
| ...-R000                 | 0                        |                          |
| ...-R155                 | 15.5                     |                          |
| ...-R400                 | 40.0                     |                          |
| ...-R050                 | 1/2"                     |                          |
| ...-R075                 | 3/4"                     |                          |
| ...-D090                 |                          | 90°                      |

Ex: HDP18350F-R400

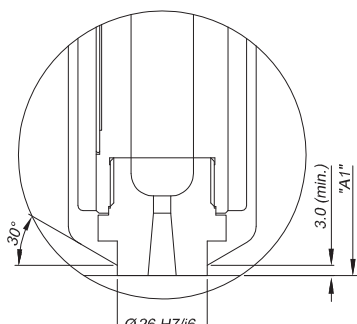


| Nozzle Assembly Specification |                  |                |          |           |         |              |                    |         |               |                          |
|-------------------------------|------------------|----------------|----------|-----------|---------|--------------|--------------------|---------|---------------|--------------------------|
| Code<br>Nozzle                | Dimension<br>"A" | Components     |          |           |         |              |                    |         |               |                          |
|                               |                  | Body<br>Nozzle | Heater   | Tube      | Wattage | Thermocouple | Heater<br>BLINDADA | Wattage | Heater Spacer | Thermocouple<br>Optional |
| HDP18350-A-R...               | 350.00           | CDP18350-A     | RHP18243 | TUBO18243 | 1100W   | TMP01340     | RTP18045           | 630W    | AEP20603-A    | TMP01080                 |
| HDP18400-A-R...               | 400.00           | CDP18400-A     | RHP18293 | TUBO18293 | 1100W   | TMP01380     |                    |         |               |                          |
| HDP18450-A-R...               | 450.00           | CDP18450-A     | RHP18343 | TUBO18343 | 1100W   | TMP01440     |                    |         |               |                          |
| HDP18500-A-R...               | 500.00           | CDP18500-A     | RHP18393 | TUBO18393 | 1100W   | TMP01480     |                    |         |               |                          |

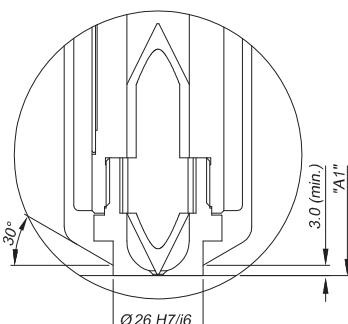
| <i>Diameter<br/>"Gate"</i> | <i>Dimension<br/>"B"</i> | <i>Dimension<br/>"C"</i> | <i>Dimension<br/>"D"</i> |
|----------------------------|--------------------------|--------------------------|--------------------------|
| Ø3.0                       | Ø6.00                    | 6.09                     | 1.33                     |
| Ø3.5                       |                          | 5.84                     | 1.43                     |
| Ø4.0                       |                          | 5.59                     | 1.56                     |
| Ø4.5                       |                          | 10.17                    | 1.71                     |
| Ø5.0                       | Ø10.00                   | 9.92                     | 1.91                     |
| Ø5.5                       |                          | 9.67                     | 2.17                     |
| Ø6.0                       |                          | 9.42                     | 2.55                     |
| Ø6.5                       |                          | 9.17                     | 3.32                     |

### Tip Options

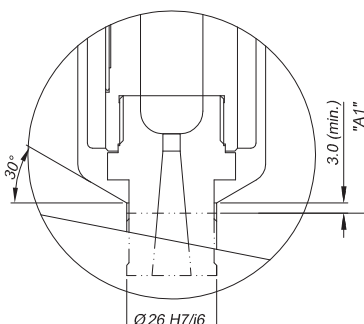
### Sprue Tip



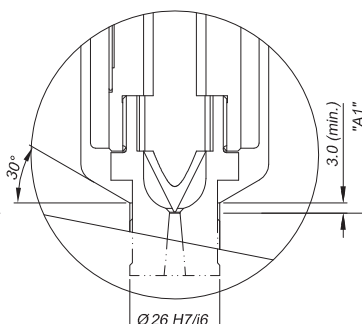
### Ring Style Tip



*Sprue Tip  
Extended*



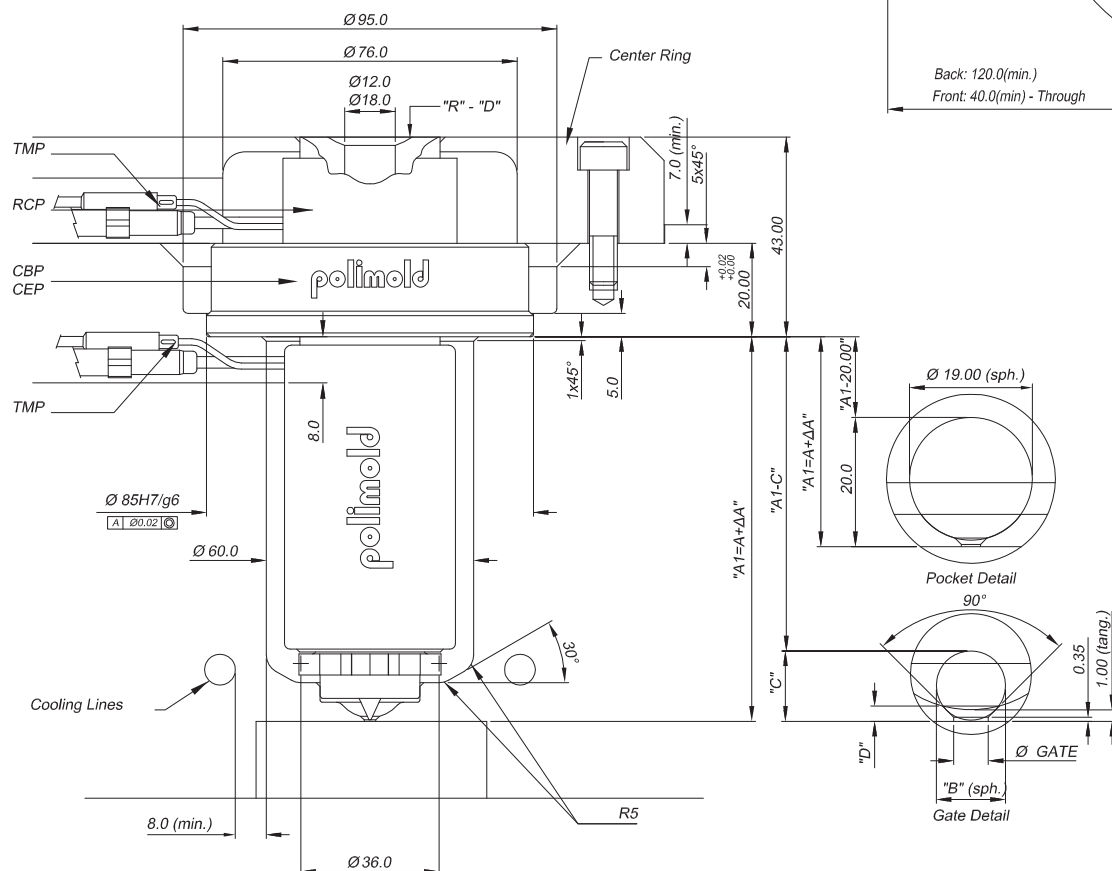
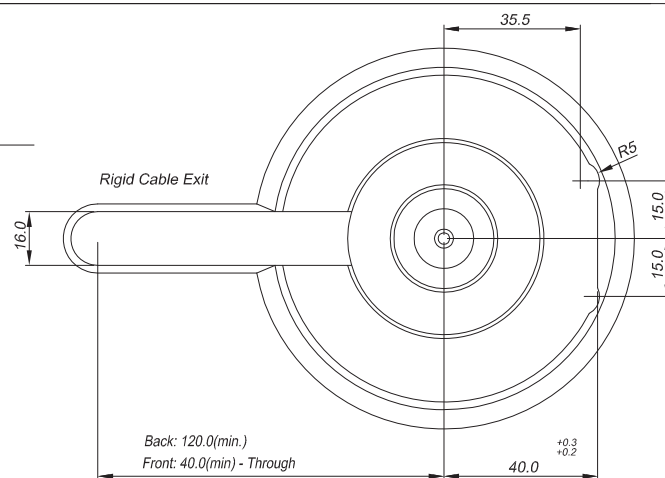
Ring Style Tip  
Extended



### Direct Injection Standard

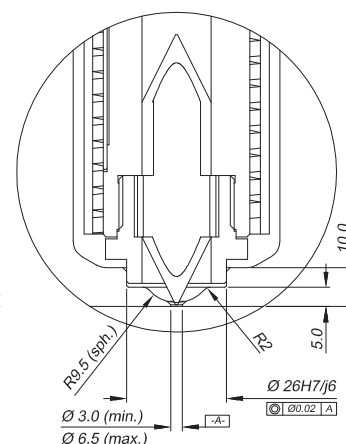
| <i>Code<br/>Coupling</i> | <i>Dimension<br/>"R"</i> | <i>Dimension<br/>"D"</i> |
|--------------------------|--------------------------|--------------------------|
| ...-R000                 | 0                        |                          |
| ...-R155                 | 15.5                     |                          |
| ...-R400                 | 40.0                     |                          |
| ...-R050                 | 1/2"                     |                          |
| ...-R075                 | 3/4"                     |                          |
| ...D090                  |                          | 90°                      |

RAIO DE Coupling 40mm  
(SPHERICAL RADIUS 40mm)



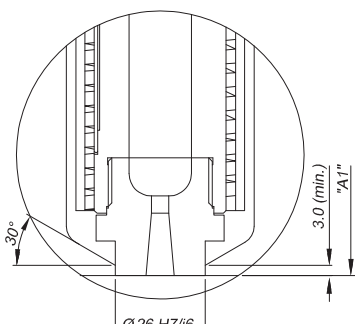
| <i>Diameter<br/>"Gate"</i> | <i>Dimension<br/>"B"</i> | <i>Dimension<br/>"C"</i> | <i>Dimension<br/>"D"</i> |
|----------------------------|--------------------------|--------------------------|--------------------------|
| Ø3.0                       | Ø6.00                    | 6.09                     | 1.33                     |
| Ø3.5                       |                          | 5.84                     | 1.43                     |
| Ø4.0                       |                          | 5.59                     | 1.56                     |
| Ø4.5                       |                          | 10.17                    | 1.71                     |
| Ø5.0                       | Ø10.00                   | 9.92                     | 1.91                     |
| Ø5.5                       |                          | 9.67                     | 2.17                     |
| Ø6.0                       |                          | 9.42                     | 2.55                     |
| Ø6.5                       |                          | 9.17                     | 3.32                     |

### Point Gate Tip

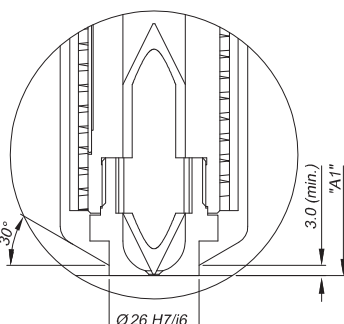


| Nozzle Assembly Specification |                  |                |                |          |         |              |                |         |
|-------------------------------|------------------|----------------|----------------|----------|---------|--------------|----------------|---------|
| Code<br>Nozzle                | Dimension<br>"A" | Components     |                |          |         |              |                |         |
|                               |                  | Body<br>Nozzle | Head<br>Nozzle | Heater   | Wattage | Thermocouple | Head<br>Heater | Wattage |
| EDP18075-A-R...               | 75.00            | CEP18075-A     | CBP18001-A     | RBP18053 | 760W    | TMP01100     | RCP38020       | 295W    |
| EDP18115-A-R...               | 115.00           | CEP18115-A     |                | RBP18093 | 1100W   | TMP01120     |                |         |
| EDP18140-A-R...               | 140.00           | CEP18140-A     |                | RBP18118 | 1100W   | TMP01160     |                |         |
| EDP18165-A-R...               | 165.00           | CEP18165-A     |                | RBP18143 | 1300W   | TMP01180     |                |         |
| EDP18190-A-R                  | 190.00           | CEP18190-A     |                | RBP18168 | 1300W   | TMP01200     |                |         |

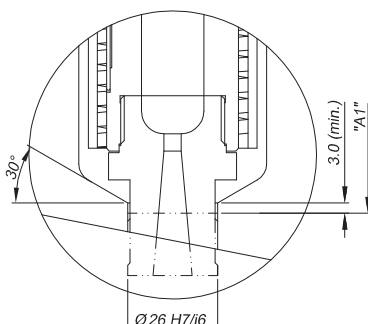
### Sprue Tip



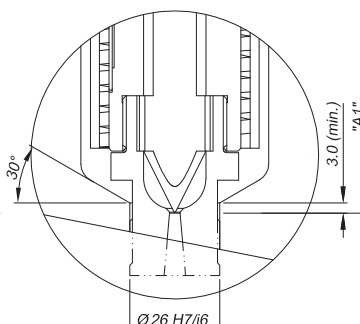
### Ring Style Tip



*Sprue Tip  
Extended*



*Ring Style Tip  
Extended*

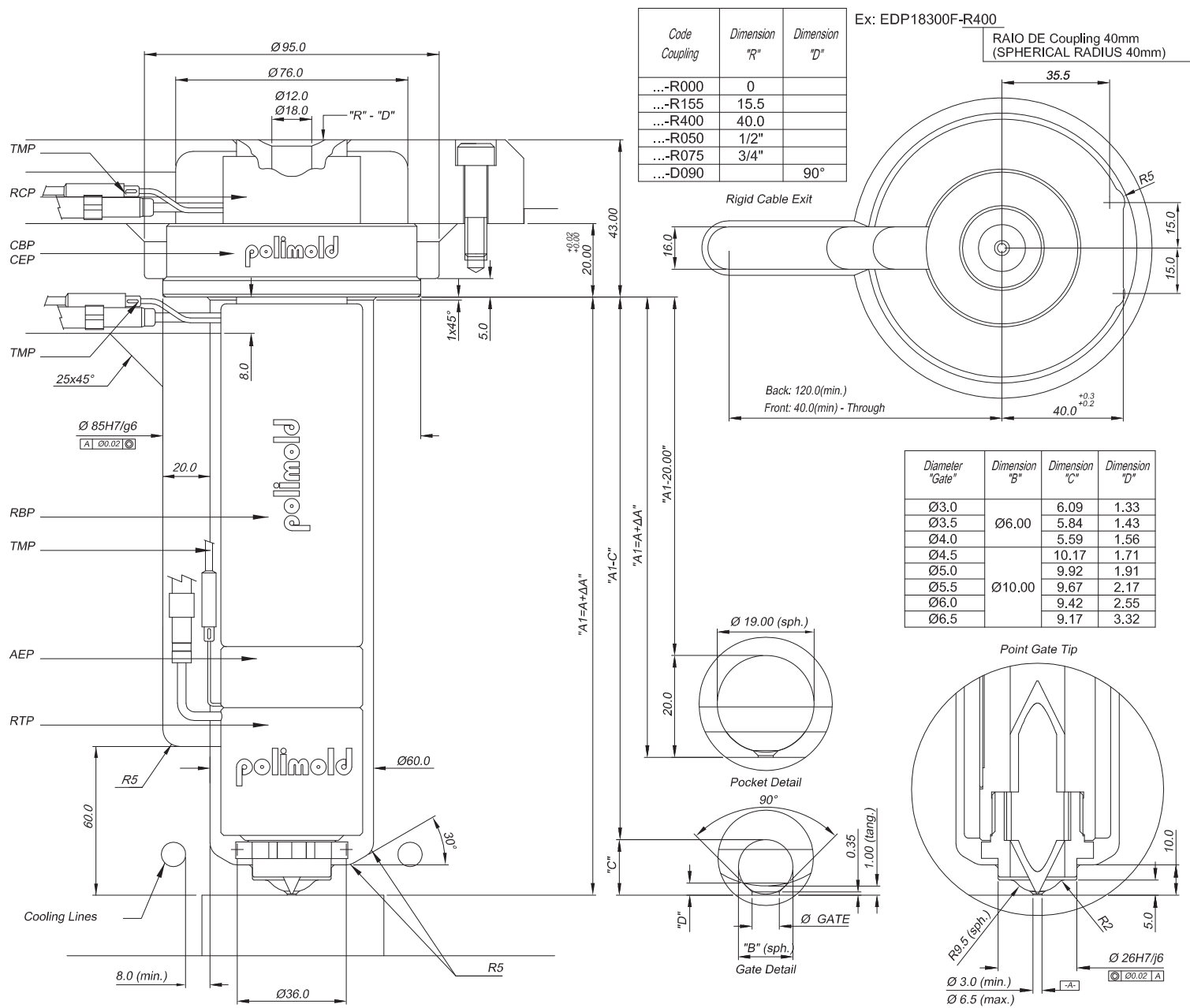


# Series 1000

Polimax Line

Direct Injection Standard

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| Nozzle Assembly Specification |               |             |             |             |         |              |          |         |              |               |             |         |
|-------------------------------|---------------|-------------|-------------|-------------|---------|--------------|----------|---------|--------------|---------------|-------------|---------|
| Code Nozzle                   | Dimension "A" | Components  |             |             |         |              |          |         |              |               |             |         |
|                               |               | Body Nozzle | Head Nozzle | Body Heater |         |              |          |         |              |               |             |         |
|                               |               |             |             | Heater      | Wattage | Thermocouple | Heater   | Wattage | Thermocouple | Heater Spacer | Head Heater | Wattage |
| EDP18250-A-R...               | 250.00        | CEP18250-A  | CBP18001-A  | RBP18127    | 1100W   | TMP01160     | RTP18045 | 630W    | TMP01080     | AEP20603-A    | RCP38020    | 295W    |
| EDP18300-A-R...               | 300.00        | CEP18300-A  | CBP18001-A  | RBP18178    | 1300W   | TMP01220     | RTP18045 | 630W    | TMP01080     | AEP20603-A    | RCP38020    | 295W    |

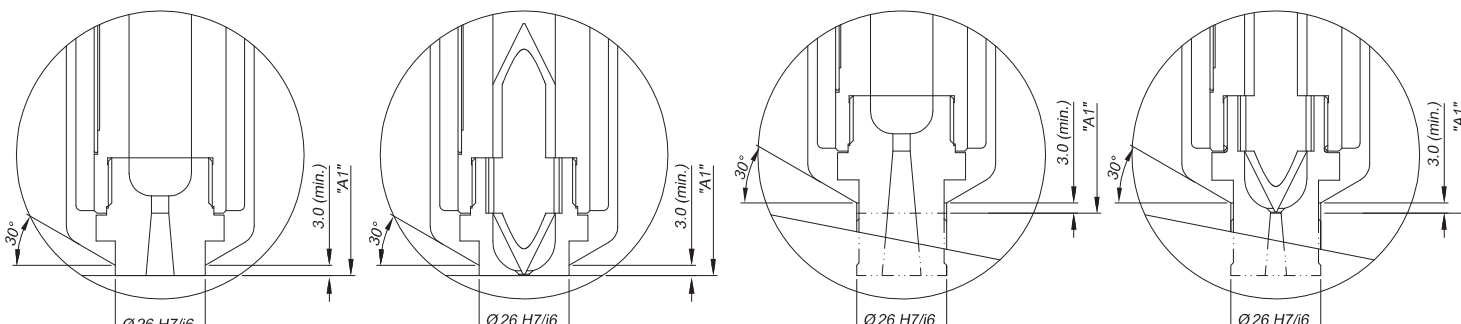
## Tip Options

Sprue Tip

Ring Style Tip

Sprue Tip Extended

Ring Style Tip Extended

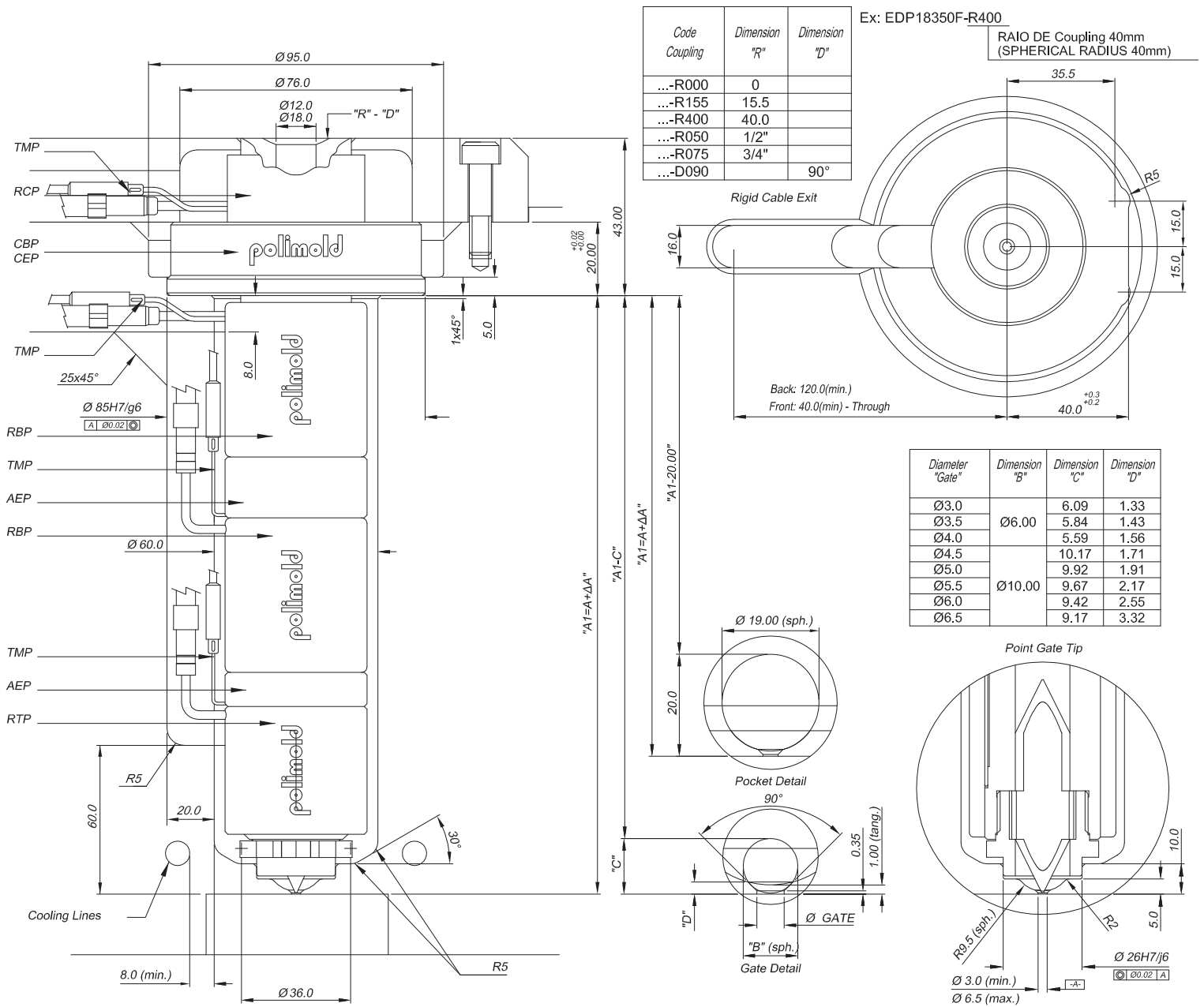


# Series 1000

Polimax Line

Direct Injection Standard

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| Nozzle Assembly Specification |               |             |             |             |         |              |          |               |             |         |                 |         |               |              |
|-------------------------------|---------------|-------------|-------------|-------------|---------|--------------|----------|---------------|-------------|---------|-----------------|---------|---------------|--------------|
| Code Nozzle                   | Dimension "A" | Components  |             |             |         |              |          |               |             |         |                 |         |               |              |
|                               |               | Body Nozzle | Head Nozzle | Body Heater |         |              |          | Heater Spacer | Head Heater | Wattage | Heater BLINDADA | Wattage | Heater Spacer | Thermocouple |
|                               |               |             |             | Heater      | Wattage | Thermocouple | Quantity |               |             |         |                 |         |               |              |
| EDP18350-A-R...               | 350.00        | CEP18350-A  | CBP18001-A  | RBP18118    | 1100W   | TMP01160     | 02       | AEP20602-A    | RCP38020    | 295W    | RTP18045        | 630W    | AEP20601-A    | TMP01080     |
| EDP18400-A-R...               | 400.00        | CEP18400-A  |             | RBP18143    | 1300W   | TMP01180     |          |               |             |         |                 |         |               |              |
| EDP18450-A-R...               | 450.00        | CEP18450-A  |             | RBP18168    | 1300W   | TMP01200     |          |               |             |         |                 |         |               |              |

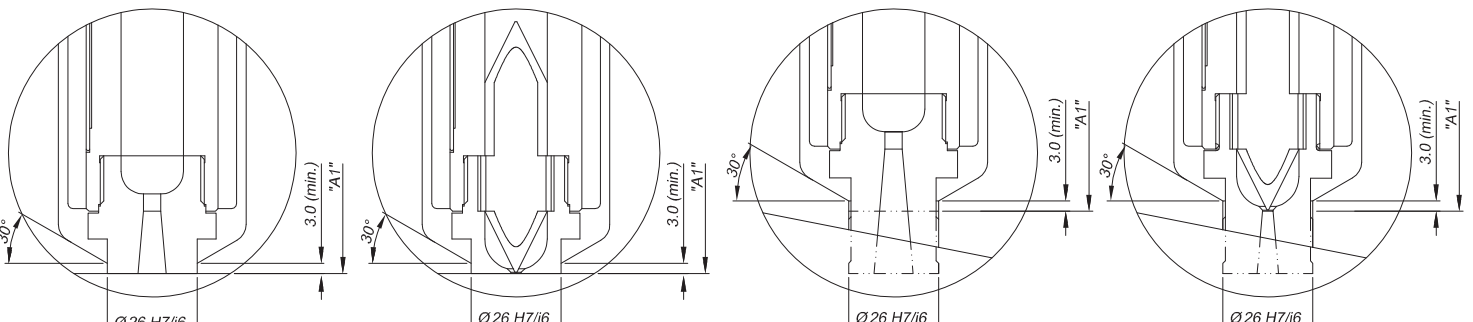
## Tip Options

Sprue Tip

Ring Style Tip

Sprue Tip Extended

Ring Style Tip Extended



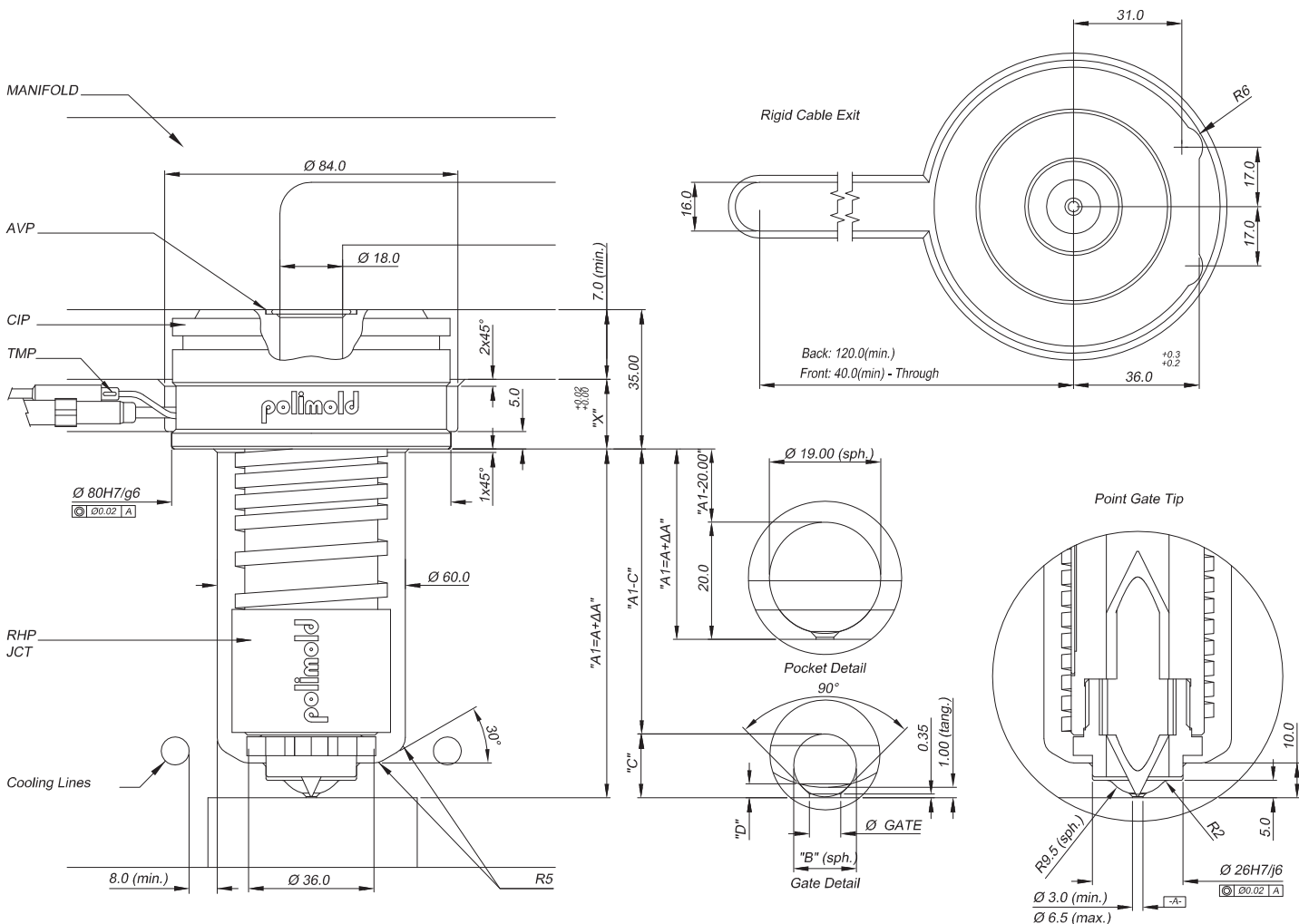


# Series 1000

Polimax Line

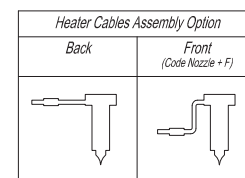
Nozzles suited to use with Manifold

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| Nozzle Assembly Specification |             |               |             |           |          |           |               |         |              |            |
|-------------------------------|-------------|---------------|-------------|-----------|----------|-----------|---------------|---------|--------------|------------|
|                               | Code Nozzle | Dimension "A" | Components  |           |          |           |               |         |              | Seal Ring  |
|                               |             |               | Body Nozzle | Heater    | Jacket   | Tube      | Heater Spacer | Wattage | Thermocouple |            |
| Heater Cables Assembly Option | Back        | HIP18060-A    | CIP18060-A  | RHP18053  | JCT18050 | —         | —             | 610W    | TMP01120     | AVP18016-A |
|                               |             | HIP18100-A    | CIP18100-A  | RHP18093  | JCT18050 | —         | —             | 1100W   | TMP01140     |            |
|                               |             | HIP18125-A    | CIP18125-A  | RHP18118  | JCT18100 | —         | —             | 1100W   | TMP01160     |            |
|                               |             | HIP18150-A    | CIP18150-A  | RHP18143  | JCT18100 | —         | —             | 1100W   | TMP01180     |            |
|                               |             | HIP18175-A    | CIP18175-A  | RHP18168  | JCT18100 | —         | —             | 1100W   | TMP01200     |            |
|                               |             | HIP18200-A    | CIP18200-A  | RHP18193  | JCT18051 | TUBO18143 | AEP20604-A    | 1100W   | TMP01240     |            |
|                               |             | HIP18225-A    | CIP18225-A  | RHP18218  | JCT18051 | TUBO18168 | AEP20604-A    | 1100W   | TMP01260     |            |
|                               |             | HIP18250-A    | CIP18250-A  | RHP18243  | JCT18051 | TUBO18193 | AEP20604-A    | 1100W   | TMP01280     |            |
|                               | Front       | HIP18300-A    | CIP18300-A  | RHP18293  | JCT18051 | TUBO18243 | AEP20604-A    | 1100W   | TMP01340     |            |
|                               |             | HIP18060F-A   | CIP18060-A  | RHP18053F | JCT18050 | —         | —             | 610W    | TMP01120     |            |
|                               |             | HIP18100F-A   | CIP18100-A  | RHP18093F | JCT18050 | —         | —             | 760W    | TMP01140     |            |
|                               |             | HIP18125F-A   | CIP18125-A  | RHP18118F | JCT18100 | —         | —             | 760W    | TMP01160     |            |
|                               |             | HIP18150F-A   | CIP18150-A  | RHP18143F | JCT18100 | —         | —             | 1100W   | TMP01180     |            |
|                               |             | HIP18175F-A   | CIP18175-A  | RHP18168F | JCT18100 | —         | —             | 1100W   | TMP01200     |            |
|                               |             | HIP18200F-A   | CIP18200-A  | RHP18193F | JCT18051 | TUBO18143 | AEP20604-A    | 1100W   | TMP01240     |            |
|                               |             | HIP18225F-A   | CIP18225-A  | RHP18218F | JCT18051 | TUBO18168 | AEP20604-A    | 1100W   | TMP01260     |            |
|                               |             | HIP18250F-A   | CIP18250-A  | RHP18243F | JCT18051 | TUBO18193 | AEP20604-A    | 1100W   | TMP01280     |            |
|                               |             | HIP18300F-A   | CIP18300-A  | RHP18293F | JCT18051 | TUBO18243 | AEP20604-A    | 1100W   | TMP01340     |            |

| Diameter "Gate" | Dimension "B" | Dimension "C" | Dimension "D" |
|-----------------|---------------|---------------|---------------|
| Ø3.0            | Ø6.00         | 6.09          | 1.33          |
| Ø3.5            |               | 5.84          | 1.43          |
| Ø4.0            |               | 5.59          | 1.56          |
| Ø4.5            |               | 10.17         | 1.71          |
| Ø5.0            | Ø10.00        | 9.92          | 1.91          |
| Ø5.5            |               | 9.67          | 2.17          |
| Ø6.0            |               | 9.42          | 2.55          |
| Ø6.5            |               | 9.17          | 3.32          |



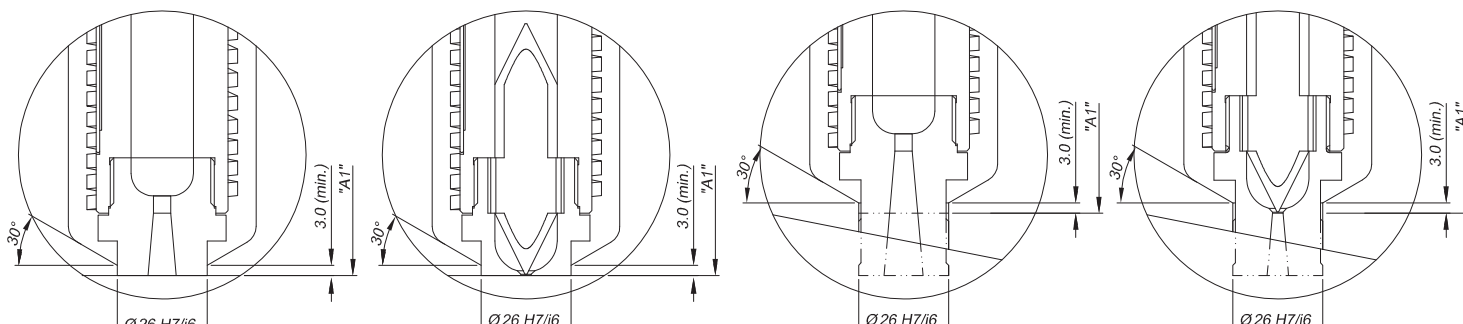
## Tip Options

Sprue Tip

Ring Style Tip

Sprue Tip Extended

Ring Style Tip Extended

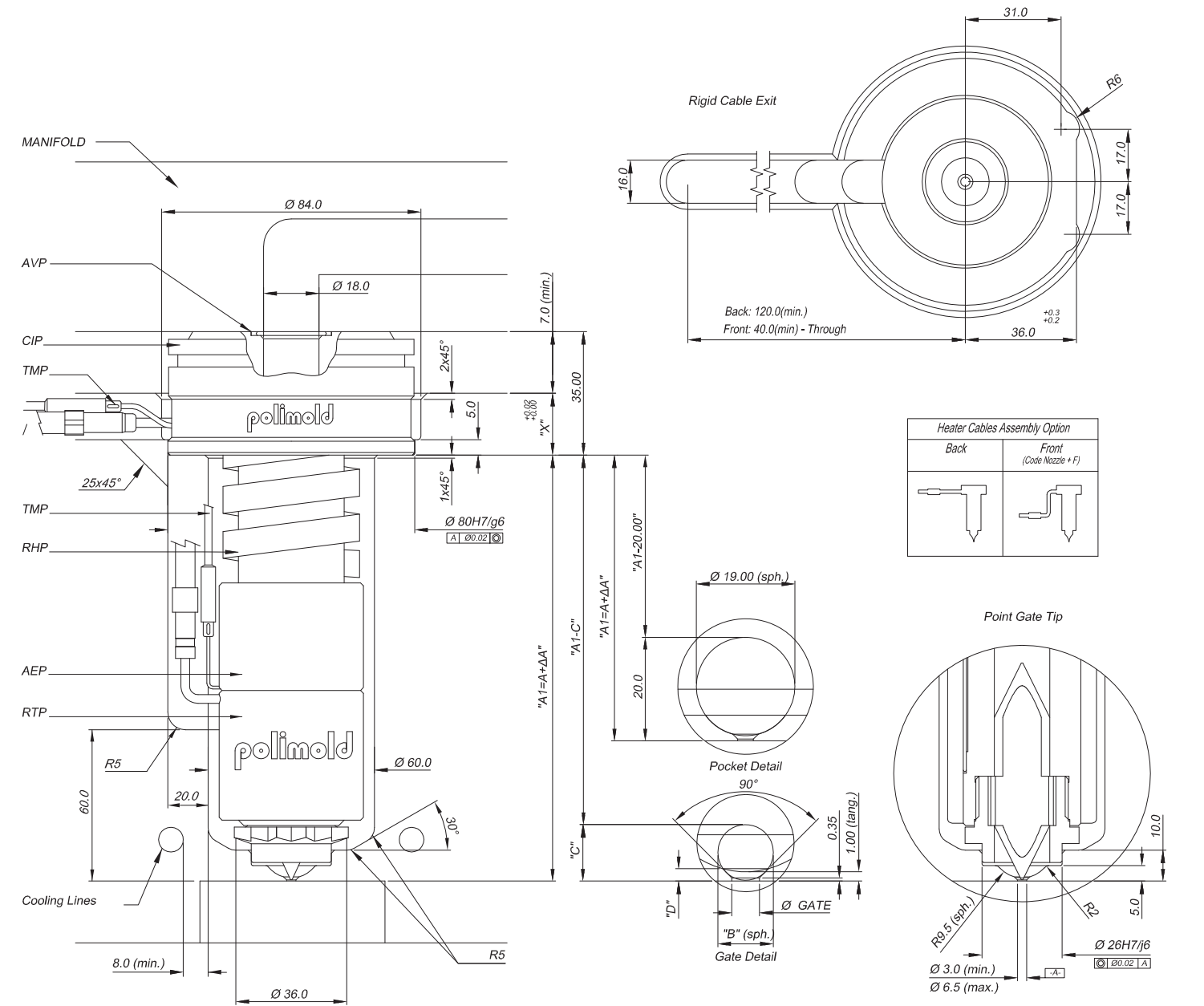


# Series 1000

Polimax Line

Nozzles suited to use with Manifold

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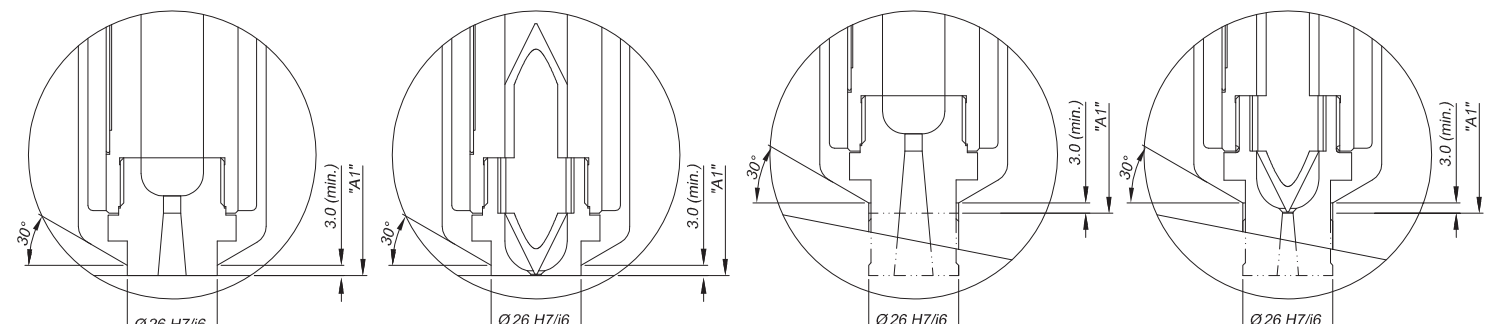
## Tip Options

Sprue Tip

Ring Style Tip

Sprue Tip  
Extended

Ring Style Tip  
Extended

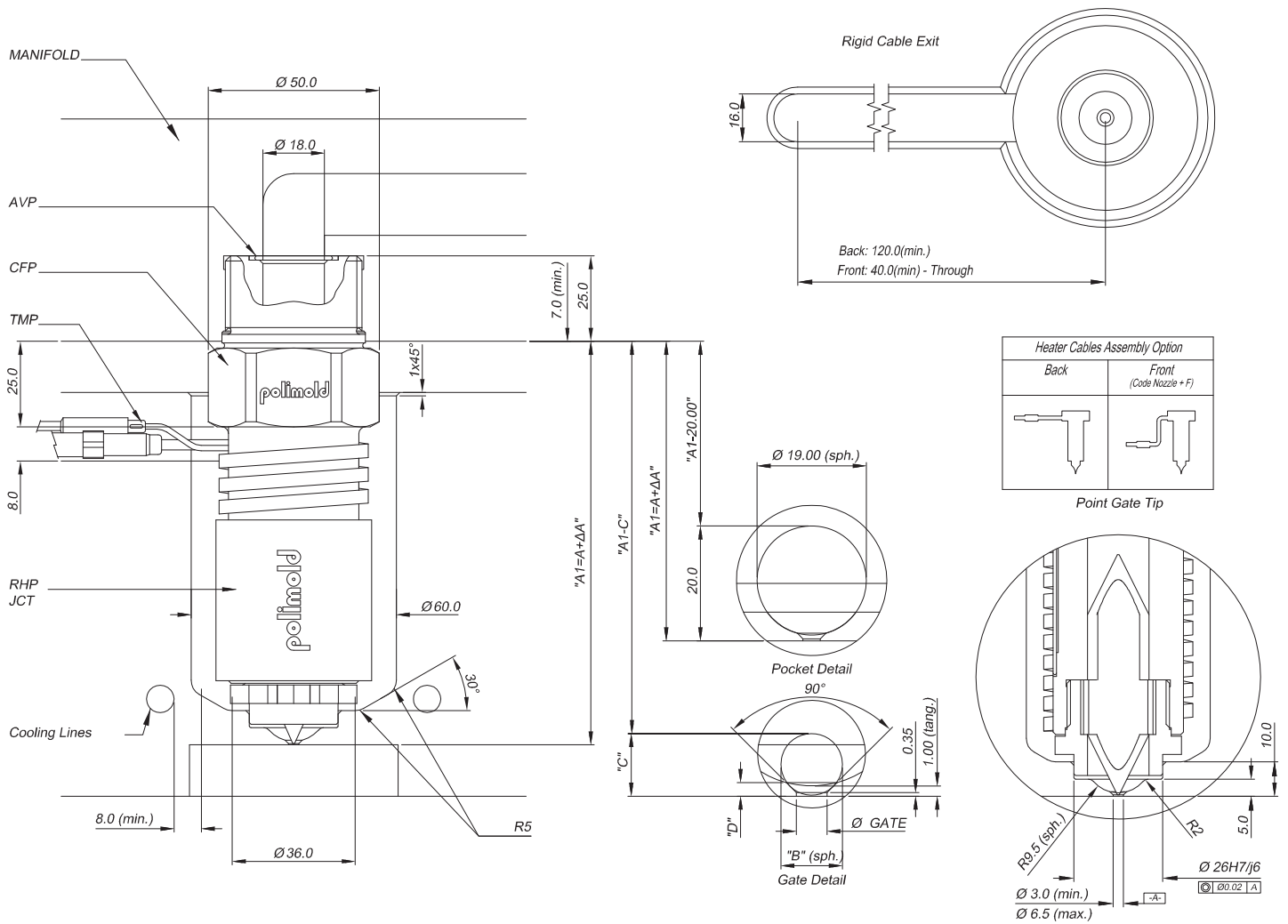


# Series 1000

Polimax Line

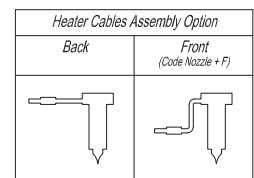
Nozzles suited to use with Manifold

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| Nozzle Assembly Specification |             |               |             |           |          |           |               |         |              |            |
|-------------------------------|-------------|---------------|-------------|-----------|----------|-----------|---------------|---------|--------------|------------|
|                               | Code Nozzle | Dimension "A" | Components  |           |          |           |               |         |              |            |
|                               |             |               | Body Nozzle | Heater    | Jacket   | Tube      | Heater Spacer | Wattage | Thermocouple | Seal Ring  |
| Heater Cables Assembly Option | Back        |               |             |           |          |           |               |         |              |            |
|                               | HRP18095-A  | 95.00         | CFP18095-A  | RHP18053  | JCT18050 | ---       | ---           | 610W    | TMP01120     |            |
|                               | HRP18145-A  | 145.00        | CFP18145-A  | RHP18102  | JCT18100 | ---       | ---           | 1100W   | TMP01140     |            |
|                               | HRP18170-A  | 170.00        | CFP18170-A  | RHP18127  | JCT18100 | ---       | ---           | 1100W   | TMP01160     |            |
|                               | HRP18195-A  | 195.00        | CFP18195-A  | RHP18153  | JCT18100 | ---       | ---           | 1100W   | TMP01180     |            |
|                               | HRP18220-A  | 220.00        | CFP18220-A  | RHP18178  | JCT18100 | ---       | ---           | 1100W   | TMP01220     |            |
|                               | HRP18245-A  | 245.00        | CFP18245-A  | RHP18203  | JCT18051 | TUBO18153 | AEP20604-A    | 1100W   | TMP01240     |            |
|                               | HRP18270-A  | 270.00        | CFP18270-A  | RHP18229  | JCT18051 | TUBO18179 | AEP20604-A    | 1100W   | TMP01260     |            |
|                               | HRP18295-A  | 295.00        | CFP18295-A  | RHP18254  | JCT18051 | TUBO18204 | AEP20604-A    | 1100W   | TMP01300     |            |
|                               | HRP18350-A  | 350.00        | CFP18350-A  | RHP18293  | JCT18051 | TUBO18243 | AEP20604-A    | 1100W   | TMP01340     |            |
|                               | Front       |               |             |           |          |           |               |         |              |            |
|                               | HRP18095F-A | 95.00         | CFP18095-A  | RHP18053F | JCT18050 | ---       | ---           | 610W    | TMP01140     | AVP18016-A |
|                               | HRP18145F-A | 145.00        | CFP18145-A  | RHP18102F | JCT18100 | ---       | ---           | 760W    | TMP01140     |            |
|                               | HRP18170F-A | 170.00        | CFP18170-A  | RHP18127F | JCT18100 | ---       | ---           | 1100W   | TMP01160     |            |
|                               | HRP18195F-A | 195.00        | CFP18195-A  | RHP18153F | JCT18100 | ---       | ---           | 1100W   | TMP01180     |            |
|                               | HRP18220F-A | 220.00        | CFP18220-A  | RHP18178F | JCT18100 | ---       | ---           | 1100W   | TMP01220     |            |
|                               | HRP18245F-A | 245.00        | CFP18245-A  | RHP18203F | JCT18051 | TUBO18153 | AEP20604-A    | 1100W   | TMP01240     |            |
|                               | HRP18270F-A | 270.00        | CFP18270-A  | RHP18229F | JCT18051 | TUBO18179 | AEP20604-A    | 1100W   | TMP01260     |            |
|                               | HRP18295F-A | 295.00        | CFP18295-A  | RHP18254F | JCT18051 | TUBO18204 | AEP20604-A    | 1100W   | TMP01300     |            |
|                               | HRP18350F-A | 350.00        | CFP18350-A  | RHP18293F | JCT18051 | TUBO18243 | AEP20604-A    | 1100W   | TMP01340     |            |

| Diameter "Gate" | Dimension "B" | Dimension "C" | Dimension "D" |
|-----------------|---------------|---------------|---------------|
| Ø3.0            | Ø6.00         | 6.09          | 1.33          |
| Ø3.5            |               | 5.84          | 1.43          |
| Ø4.0            |               | 5.59          | 1.56          |
| Ø4.5            | Ø10.00        | 10.17         | 1.71          |
| Ø5.0            |               | 9.92          | 1.91          |
| Ø5.5            |               | 9.67          | 2.17          |
| Ø6.0            |               | 9.42          | 2.55          |
| Ø6.5            |               | 9.17          | 3.32          |



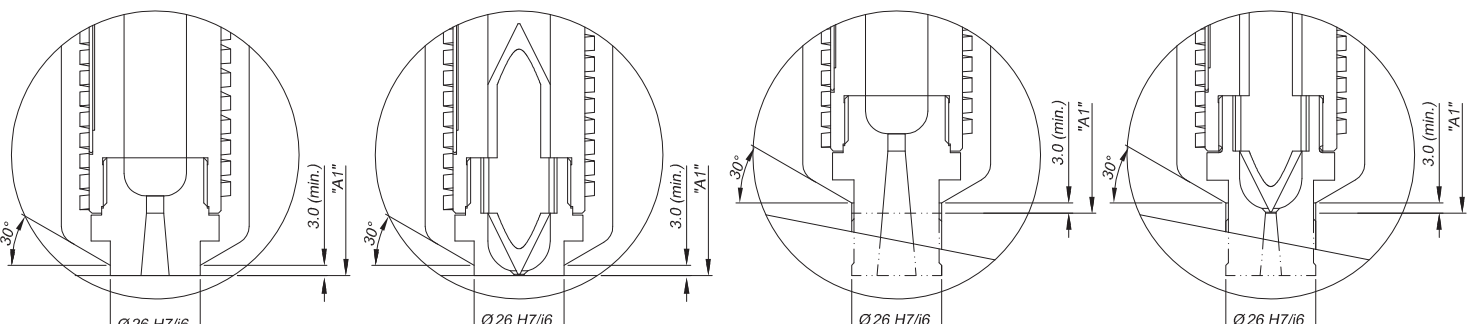
## Tip Options

Sprue Tip

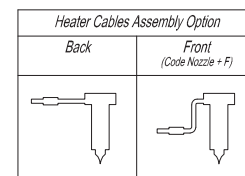
Ring Style Tip

Sprue Tip  
Extended

Ring Style Tip  
Extended

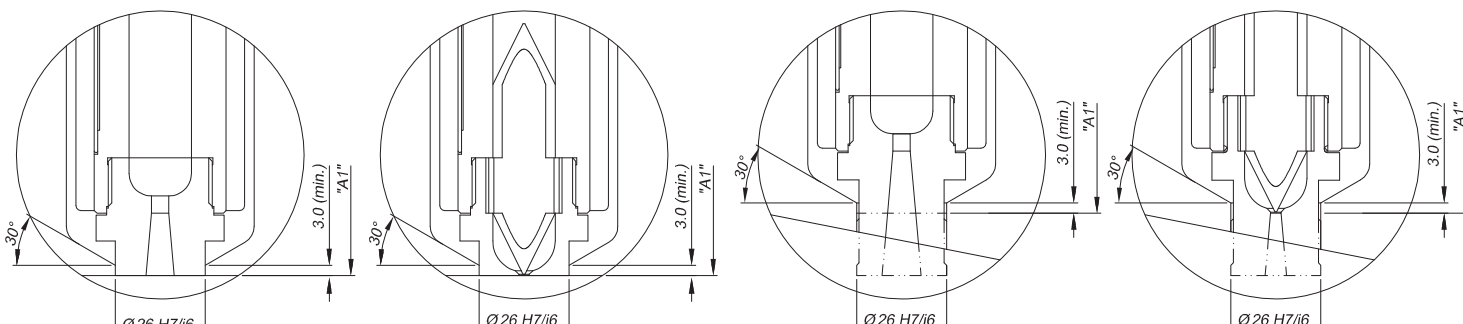


### Nozzles suited to use with Manifold



| <i>Diameter<br/>"Gate"</i> | <i>Dimension<br/>"B"</i> | <i>Dimension<br/>"C"</i> | <i>Dimension<br/>"D"</i> |
|----------------------------|--------------------------|--------------------------|--------------------------|
| Ø3.0                       | Ø6.00                    | 6.09                     | 1.33                     |
| Ø3.5                       |                          | 5.84                     | 1.43                     |
| Ø4.0                       |                          | 5.59                     | 1.56                     |
| Ø4.5                       |                          | 10.17                    | 1.71                     |
| Ø5.0                       | Ø10.00                   | 9.92                     | 1.91                     |
| Ø5.5                       |                          | 9.67                     | 2.17                     |
| Ø6.0                       |                          | 9.42                     | 2.55                     |
| Ø6.5                       |                          | 9.17                     | 3.32                     |

Ring Style Tip  
Extended

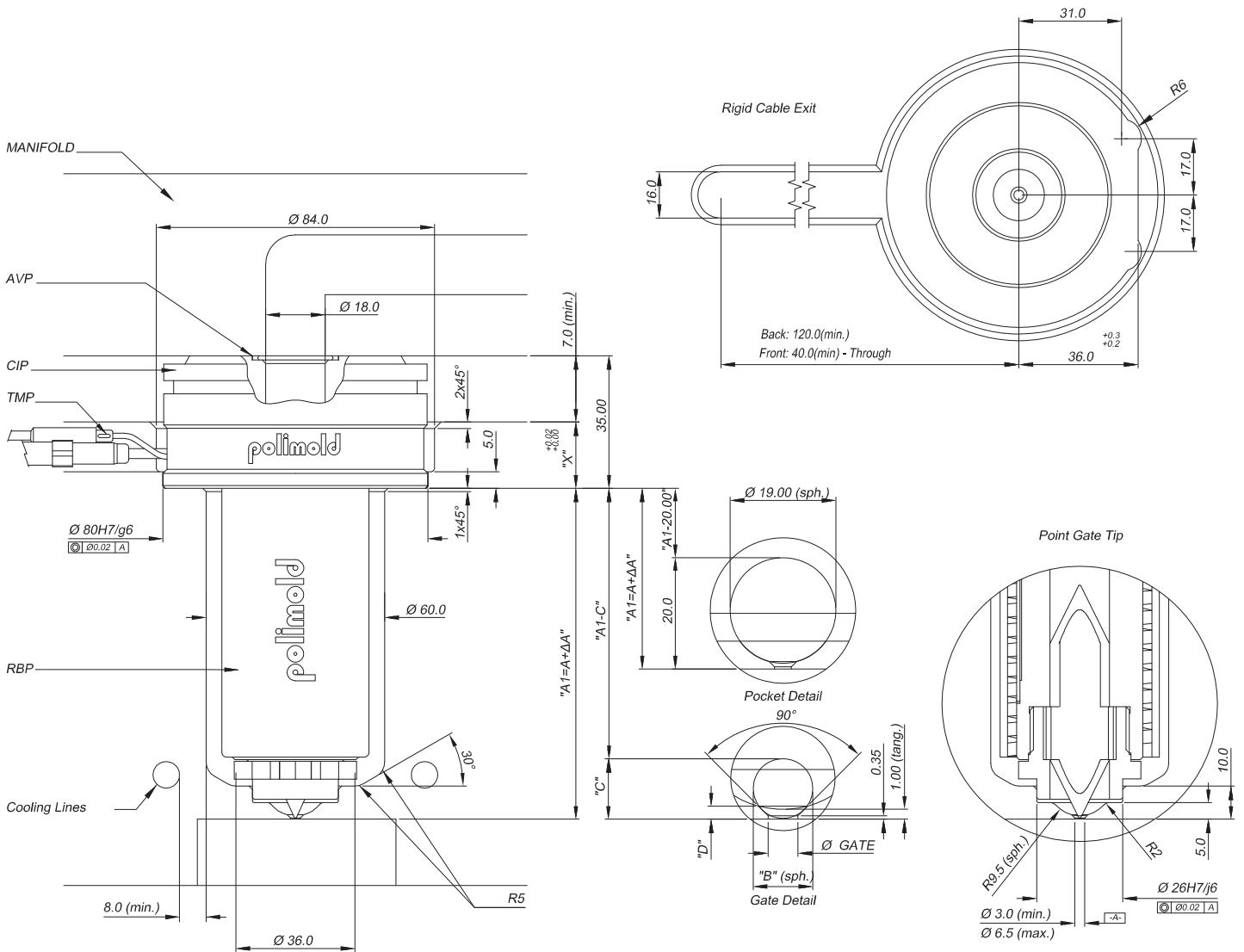


# Series 1000

Polimax Line

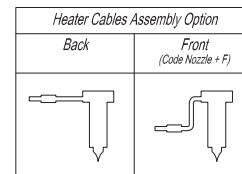
Nozzles suited to use with Manifold

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| Nozzle Assembly Specification |             |               |             |           |         |              |            |
|-------------------------------|-------------|---------------|-------------|-----------|---------|--------------|------------|
|                               | Code Nozzle | Dimension "A" | Components  |           |         |              |            |
|                               |             |               | Body Nozzle | Heater    | Wattage | Thermocouple | Seal Ring  |
| Heater Cables Assembly Option | BIP18060-A  | 60.00         | CIP18060-A  | RBP18053  | 760W    | TMP01100     | AVP18016-A |
|                               | BIP18100-A  | 100.00        | CIP18100-A  | RBP18093  | 1100W   | TMP01120     |            |
|                               | BIP18125-A  | 125.00        | CIP18125-A  | RBP18118  | 1100W   | TMP01160     |            |
|                               | BIP18150-A  | 150.00        | CIP18150-A  | RBP18143  | 1300W   | TMP01180     |            |
|                               | BIP18175-A  | 175.00        | CIP18175-A  | RBP18168  | 1300W   | TMP01200     |            |
|                               | BIP18060F-A | 60.00         | CIP18060-A  | RBP18053F | 760W    | TMP01100     |            |
|                               | BIP18100F-A | 100.00        | CIP18100-A  | RBP18093F | 1100W   | TMP01120     |            |
|                               | BIP18125F-A | 125.00        | CIP18125-A  | RBP18118F | 1100W   | TMP01160     |            |
|                               | BIP18150F-A | 150.00        | CIP18150-A  | RBP18143F | 1300W   | TMP01180     |            |
|                               | BIP18175F-A | 175.00        | CIP18175-A  | RBP18168F | 1300W   | TMP01200     |            |
|                               |             |               |             |           |         |              |            |
|                               |             |               |             |           |         |              |            |

| Diameter "Gate" | Dimension "B" | Dimension "C" | Dimension "D" |
|-----------------|---------------|---------------|---------------|
| Ø3.0            | Ø6.00         | 6.09          | 1.33          |
| Ø3.5            |               | 5.84          | 1.43          |
| Ø4.0            |               | 5.59          | 1.56          |
| Ø4.5            |               | 10.17         | 1.71          |
| Ø5.0            | Ø10.00        | 9.92          | 1.91          |
| Ø5.5            |               | 9.67          | 2.17          |
| Ø6.0            |               | 9.42          | 2.55          |
| Ø6.5            |               | 9.17          | 3.32          |



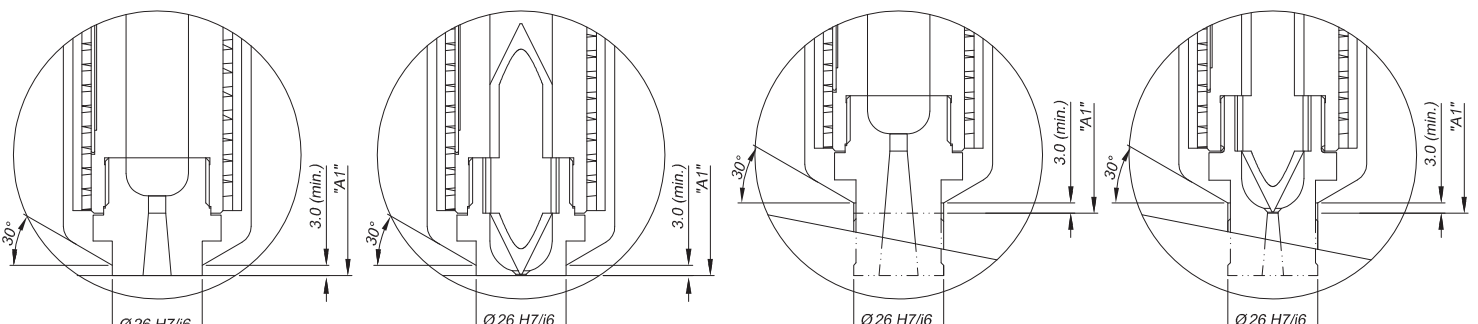
## Tip Options

Sprue Tip

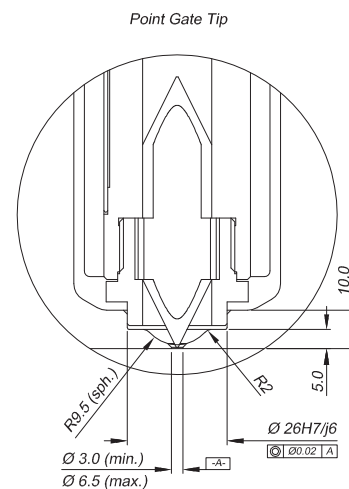
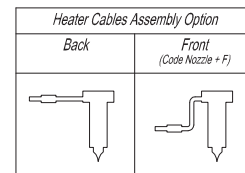
Ring Style Tip

Sprue Tip Extended

Ring Style Tip Extended



### Nozzles suited to use with Manifold

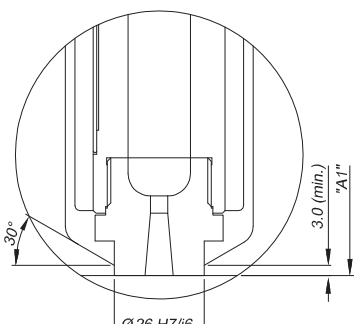


|                                  |       | Nozzle Assembly Specification |                  |                |           |         |              |              |
|----------------------------------|-------|-------------------------------|------------------|----------------|-----------|---------|--------------|--------------|
|                                  |       | Code<br>Nozzle                | Dimension<br>"A" | Components     |           |         |              |              |
|                                  |       |                               |                  | Body<br>Nozzle | Heater    | Wattage | Thermocouple | Seal<br>Ring |
| Heater Cables<br>Assembly Option | Back  | BRF18095-A                    | 95.00            | CFP18095-A     | RBP18053  | 760W    | TMP01120     | AVP18016-A   |
|                                  |       | BRF18145-A                    | 145.00           | CFP18145-A     | RBP18102  | 1100W   | TMP01140     |              |
|                                  |       | BRF18170-A                    | 170.00           | CFP18170-A     | RBP18127  | 1100W   | TMP01160     |              |
|                                  |       | BRF18195-A                    | 195.00           | CFP18195-A     | RBP18153  | 1300W   | TMP01180     |              |
|                                  |       | BRF18220-A                    | 220.00           | CFP18220-A     | RBP18178  | 1300W   | TMP01220     |              |
|                                  | Front | BRF18095F-A                   | 95.00            | CFP18095-A     | RBP18053F | 760W    | TMP01120     |              |
|                                  |       | BRF18145F-A                   | 145.00           | CFP18145-A     | RBP18102F | 1100W   | TMP01140     |              |
|                                  |       | BRF18170F-A                   | 170.00           | CFP18170-A     | RBP18127F | 1100W   | TMP01160     |              |
|                                  |       | BRF18195F-A                   | 195.00           | CFP18195-A     | RBP18153F | 1300W   | TMP01180     |              |
|                                  |       | BRF18220F-A                   | 220.00           | CFP18220-A     | RBP18178F | 1300W   | TMP01220     |              |

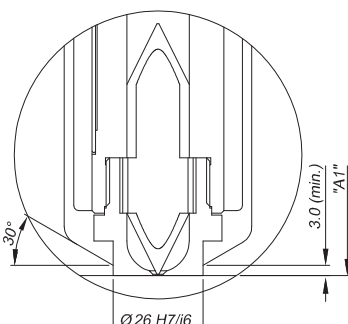
| <i>Diameter<br/>"Gate"</i> | <i>Dimension<br/>"B"</i> | <i>Dimension<br/>"C"</i> | <i>Dimension<br/>"D"</i> |
|----------------------------|--------------------------|--------------------------|--------------------------|
| Ø3.0                       | Ø6.00                    | 6.09                     | 1.33                     |
| Ø3.5                       |                          | 5.84                     | 1.43                     |
| Ø4.0                       |                          | 5.59                     | 1.56                     |
| Ø4.5                       |                          | 10.17                    | 1.71                     |
| Ø5.0                       | Ø10.00                   | 9.92                     | 1.91                     |
| Ø5.5                       |                          | 9.67                     | 2.17                     |
| Ø6.0                       |                          | 9.42                     | 2.55                     |
| Ø6.5                       |                          | 9.17                     | 3.32                     |

| Heater Cables Assembly Option                                                         |                                                                                       |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Back                                                                                  | Front<br>(Code Nozzle + F)                                                            |
|  |  |

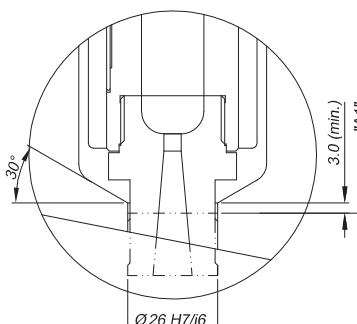
### Sprue Tip



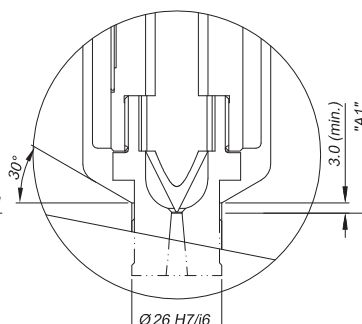
### Ring Style Tip



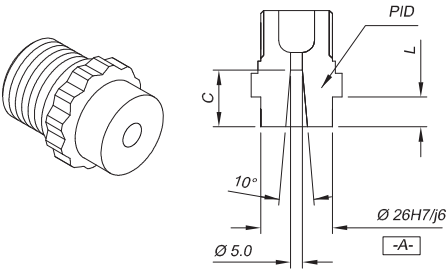
*Sprue Tip  
Extended*



*Ring Style Tip  
Extended*

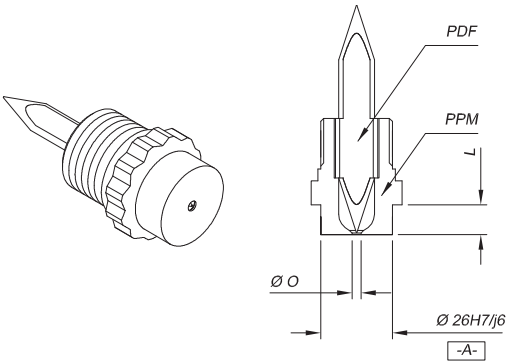


Sprue Tip



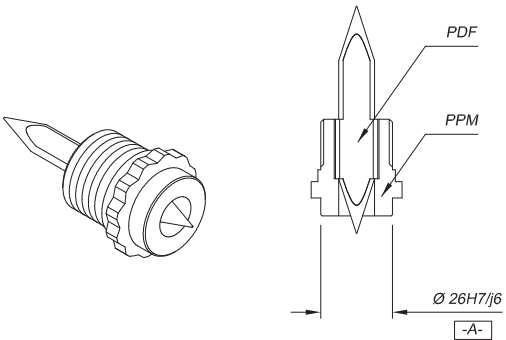
| Tip Dimension |                  |                  |                  |
|---------------|------------------|------------------|------------------|
| Code<br>Tip   | Dimension<br>"T" | Dimension<br>"L" | Dimension<br>"C" |
| PID18001-A    | 26.00            | 10.50            | 17.00            |
| PID18002-A    | 26.00            | 28.50            | 35.00            |

Ring Style Tip



| Tip Dimension |                |            |                                     |                  |                  |
|---------------|----------------|------------|-------------------------------------|------------------|------------------|
| Tip           | Tip Components |            | Material                            | Dimension<br>"O" | Dimension<br>"L" |
|               | Needle         | Body       |                                     |                  |                  |
| PMA18001-A    | PDF18702-A     | PPM18601-A | STANDARD<br>(COATED IN "Cr")        | 3.00             | 10.50            |
| PMA18002-A    |                | PPM18602-A |                                     | 3.50             |                  |
| PMA18003-A    |                | PPM18603-A |                                     | 3.00             | 28.50            |
| PMA18004-A    |                | PPM18604-A |                                     | 3.50             |                  |
| PMA18005-A    | PDF18502-A     | PPM18601-A | HIGH<br>PERFORMANCE                 | 3.00             | 10.50            |
| PMA18006-A    |                | PPM18602-A |                                     | 3.50             |                  |
| PMA18007-A    |                | PPM18603-A |                                     | 3.00             | 28.50            |
| PMA18008-A    |                | PPM18604-A |                                     | 3.50             |                  |
| PMA18105-A    | PDF18802-A     | PPM18601-A | STANDARD<br>DME<br>(COATED IN "Ni") | 3.00             | 10.50            |
| PMA18106-A    |                | PPM18602-A |                                     | 3.50             |                  |
| PMA18107-A    |                | PPM18603-A |                                     | 3.00             | 28.50            |
| PMA18108-A    |                | PPM18604-A |                                     | 3.50             |                  |

Point Gate Tip



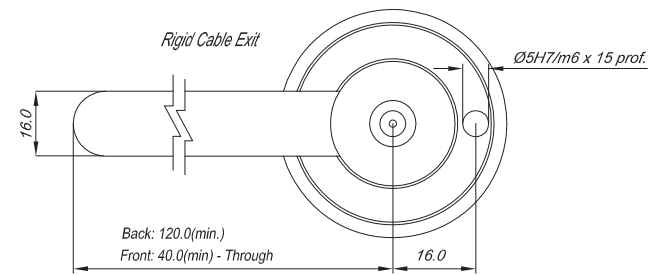
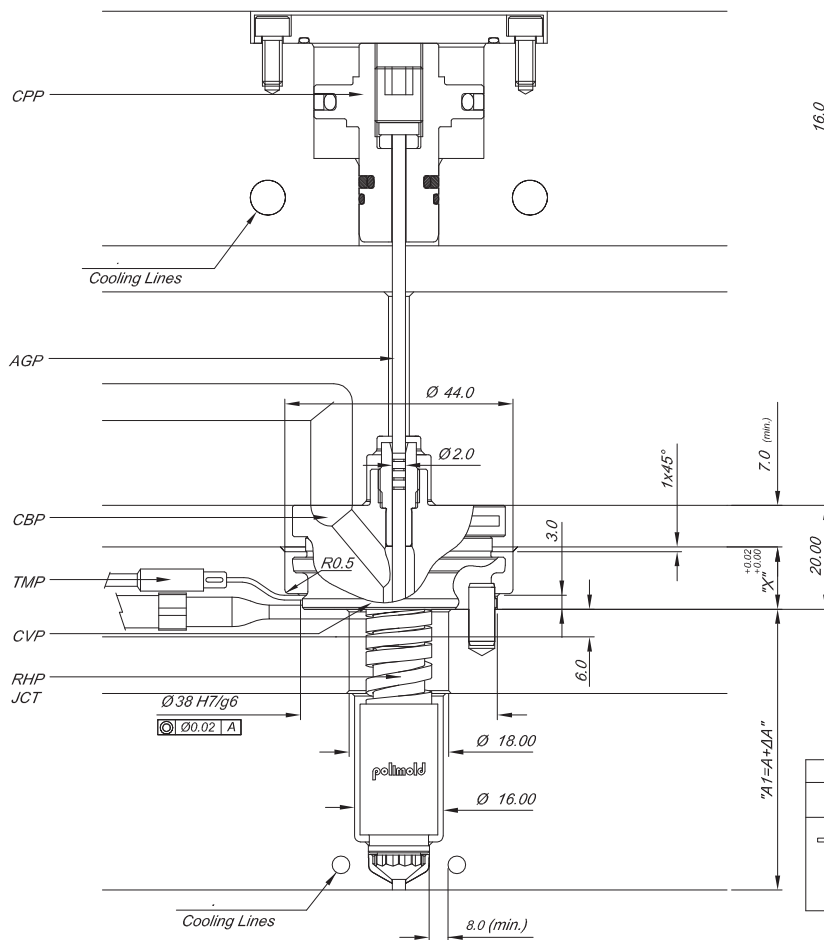
| Tip        | Tip Components |            |                                  |
|------------|----------------|------------|----------------------------------|
|            | Needle         | Body       | Material                         |
| PVM18001-A | PDF18702-A     | PPM18609-A | STANDARD<br>(COATED IN "Cr")     |
| PVM18002-A | PDF18502-A     | PPM18609-A | High Performance                 |
| PVM18009-A | PDF18802-A     | PPM18609-A | STANDARD DME<br>(COATED IN "Ni") |



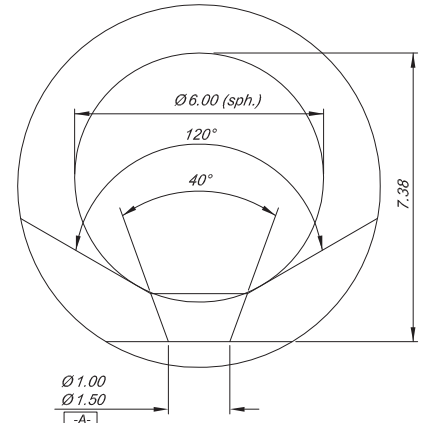
# Series V25

Polivalve Line

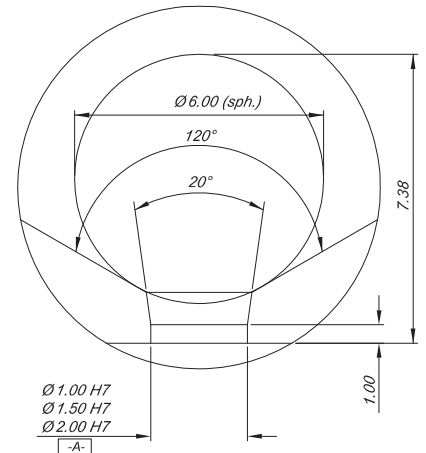
Valve Gate Injection Standard



## Angular Valve Pin Fit



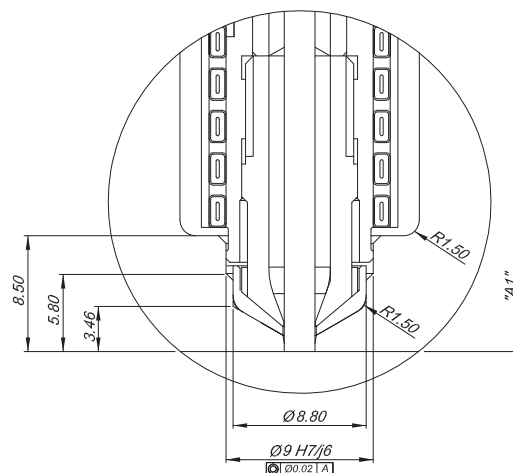
## Parallel Valve Pin Fit



Nozzle Assembly Specification Components

|                                  |       | Code<br>Nozzle | Dimension<br>"A" | Components |          |          |          |         |              |
|----------------------------------|-------|----------------|------------------|------------|----------|----------|----------|---------|--------------|
|                                  |       |                |                  | Body       | Shoulder | Heater   | Jacket   | Wattage | Thermocouple |
| Heater Cables<br>Assembly Option | Back  | HVT05070-D     | 70.00            | CVT05070-D | SBP06014 | RHP04056 | JCT04051 | 220W    | ---          |
|                                  |       | HVT05095-D     | 95.00            | CVT05095-D |          | RHP04081 | JCT04060 | 220W    | ---          |
|                                  |       | HVT05120-D     | 120.00           | CVT05120-D |          | RHP04106 | JCT04101 | 275W    | ---          |
|                                  |       | HVT05146-D     | 146.00           | CVT06146-D |          | RHP04131 | JCT04101 | 330W    | ---          |
|                                  |       | HVT05170-D     | 170.00           | CVT05170-D |          | RHP04156 | JCT04160 | 400W    | ---          |
|                                  |       | HVT05195-D     | 195.00           | CVT05195-D |          | RHP04181 | JCT04160 | 400W    | ---          |
|                                  | Front | HVT05070-F-D   | 70.00            | CVT05070-D |          | RHP04056 | JCT04051 | 220W    | ---          |
|                                  |       | HVT05095-F-D   | 95.00            | CVT05095-D |          | RHP04081 | JCT04060 | 220W    | ---          |
|                                  |       | HVT05120-F-D   | 120.00           | CVT05120-D |          | RHP04106 | JCT04101 | 275W    | ---          |
|                                  |       | HVT05146-F-D   | 146.00           | CVT06146-D |          | RHP04131 | JCT04101 | 330W    | ---          |
|                                  |       | HVT05170-F-D   | 170.00           | CVT05170-D |          | RHP04156 | JCT04160 | 400W    | ---          |
|                                  |       | HVT05195-F-D   | 195.00           | CVT05195-D |          | RHP04181 | JCT04160 | 400W    | ---          |
|                                  |       |                |                  |            |          |          |          |         |              |
|                                  |       |                |                  |            |          |          |          |         |              |

## Tip Options

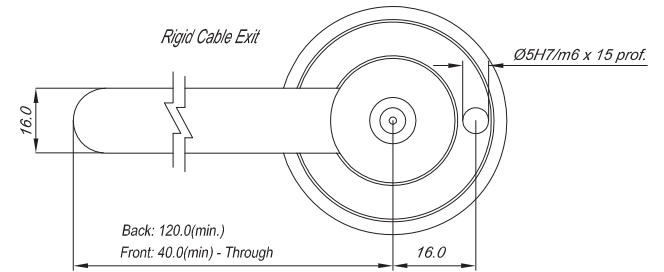
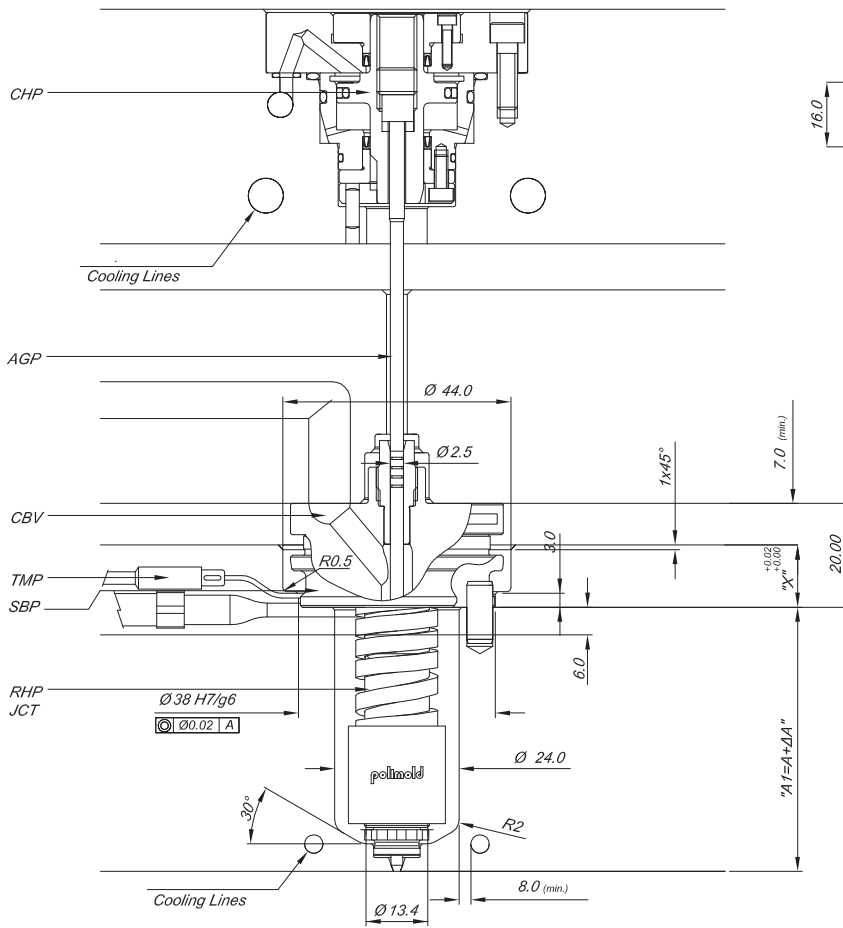


# Series V50

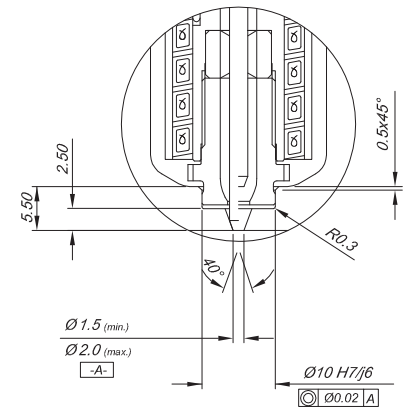
Polivalve Line

Valve Gate Injection Standard

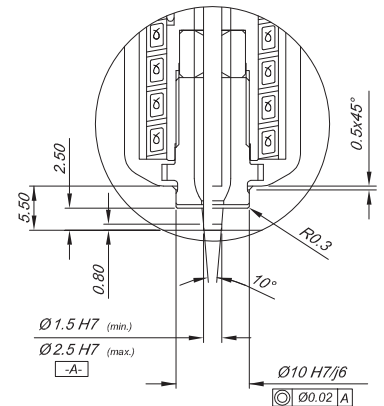
**polimold**  
INDUSTRIAL S.A.



## Angular Valve Pin Fit

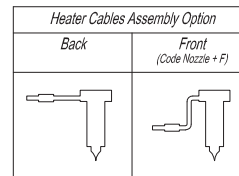


## Parallel Valve Pin Fit



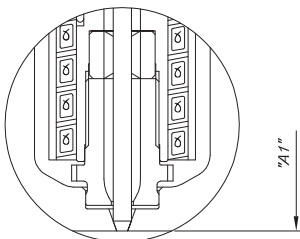
Nozzle Assembly Specification Components

|                                  |       | Nozzle Assembly Specification Components |               |             |            |          |           |          |         |              |
|----------------------------------|-------|------------------------------------------|---------------|-------------|------------|----------|-----------|----------|---------|--------------|
|                                  |       | Code<br>Nozzle                           | Dimension "A" |             | Components |          |           |          |         |              |
|                                  |       |                                          | Tips<br>PVM   | Tips<br>PMA | Body       | Shoulder | Heater    | Jacket   | Wattage | Thermocouple |
| Heater Cables<br>Assembly Option | Back  | HVP06052-D                               | 51.50         | 48.50       | CBV06037   | SBP06014 | RHP05040  | JCT05040 | 260W    | ----         |
|                                  |       | HVP06067-D                               | 66.50         | 63.50       |            |          | RHP05055  | JCT05050 | 260W    | ----         |
|                                  |       | HVP06092-D                               | 91.50         | 88.50       |            |          | RHP05080  | JCT05050 | 350W    | ----         |
|                                  |       | HVP06115-D                               | 114.50        | 111.50      |            |          | RHP05105  | JCT05100 | 350W    | ----         |
|                                  | Front | HVP06052F-D                              | 51.50         | 48.50       |            |          | RHP05040F | JCT05040 | 260W    | ----         |
|                                  |       | HVP06067F-D                              | 66.50         | 63.50       |            |          | RHP05055F | JCT05050 | 260W    | ----         |
|                                  |       | HVP06092F-D                              | 91.50         | 88.50       |            |          | RHP05080F | JCT05050 | 350W    | ----         |
|                                  |       | HVP06115F-D                              | 114.50        | 111.50      |            |          | RHP05105F | JCT05100 | 350W    | ----         |
|                                  |       |                                          |               |             |            |          |           |          |         |              |
|                                  |       |                                          |               |             |            |          |           |          |         |              |

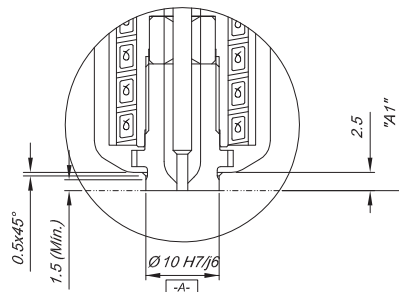


## Tip Options

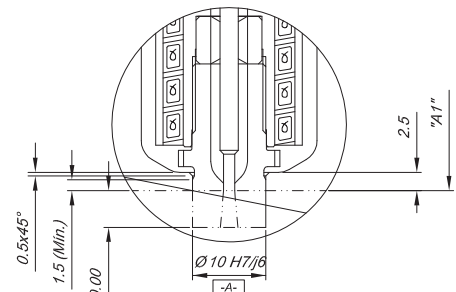
(PVM)  
Low Vestige



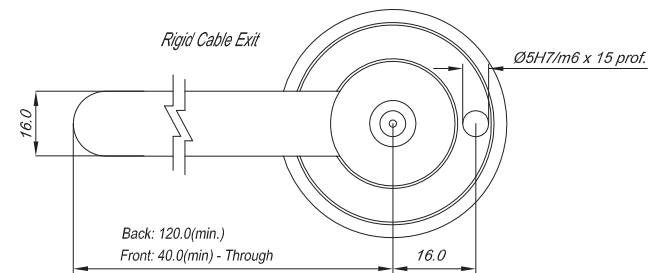
(PMA)  
Ring Style Tip



(PMA)  
Ring Style Tip  
Extended



### Valve Gate Injection Standard

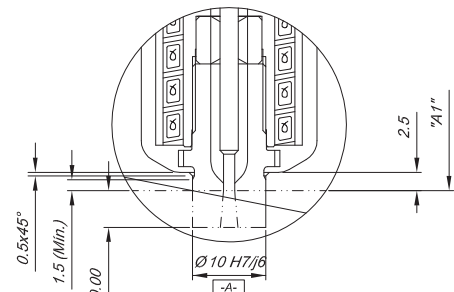
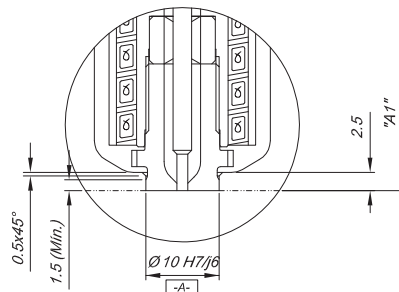
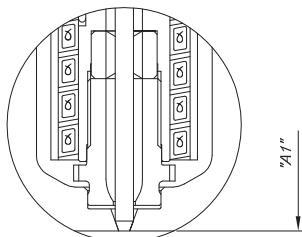


Technical drawing of a mechanical part, likely a valve or plug, showing a cross-section and a detailed view of the tip. The main view shows a cylindrical body with a central bore. The detailed view shows a conical tip with a 10-degree angle and a 0.5x45-degree chamfer. Dimensions include 5.50, 2.50, 0.5x45°, R0.3, 10°, Ø1.5 (min.), Ø2.0 (max.), and Ø10 H7/g6. A feature control symbol indicates a surface texture of 0.02 A.

Technical drawing of a mechanical part, showing a cross-section and a top view. The cross-section shows a central bore with a diameter of  $\varnothing 1.5 \text{ H7 (min.)}$  and an outer diameter of  $\varnothing 2.5 \text{ H7 (max.)}$ . The top view shows a circular feature with a diameter of  $\varnothing 10 \text{ H7/6}$  and a central bore with a diameter of  $\varnothing 0.02 \text{ A}$ . The drawing includes dimensions for radii ( $R0.3$ ,  $R0.5 \times 45^\circ$ ), angles ( $10^\circ$ ), and various diameters and lengths.

| Heater Cables Assembly Option                                                       |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Back                                                                                | Front<br>(Code Nozzle + F)                                                          |
|  |  |

*(PMA)*  
*Ring Style Tip*

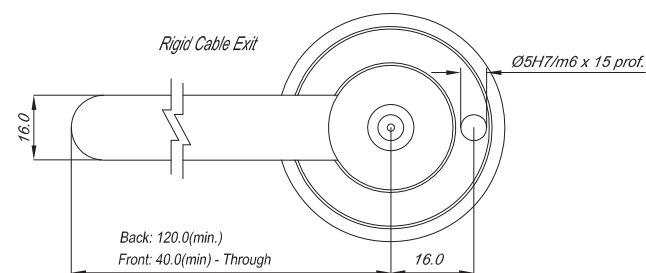
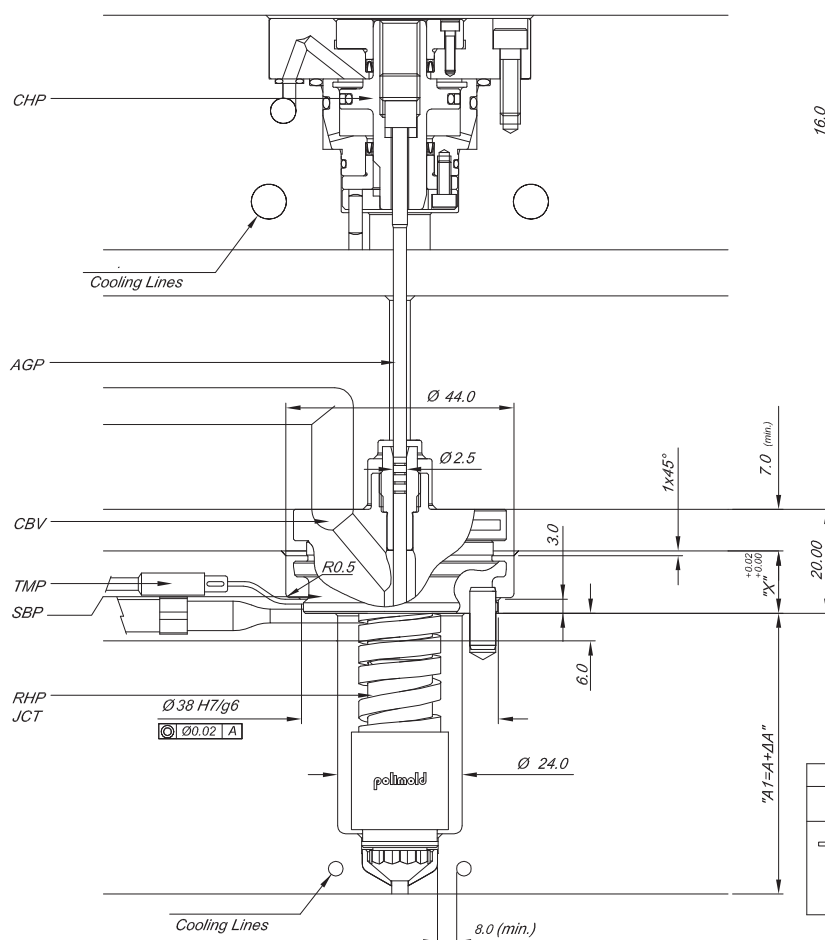


# Series V50

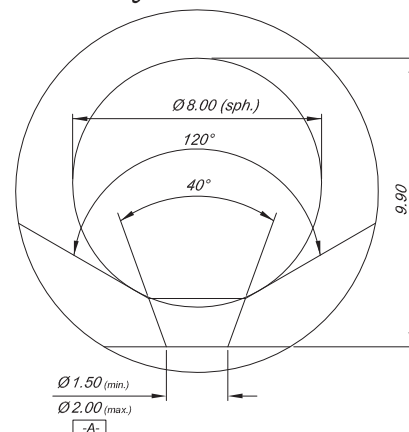
Polivalve Line

Valve Gate Injection Standard

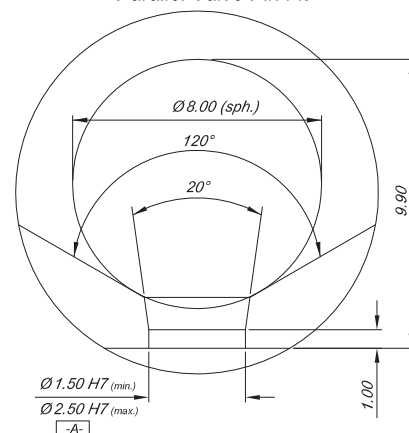
**polimold**  
INDUSTRIAL S.A.



## Angular Valve Pin Fit



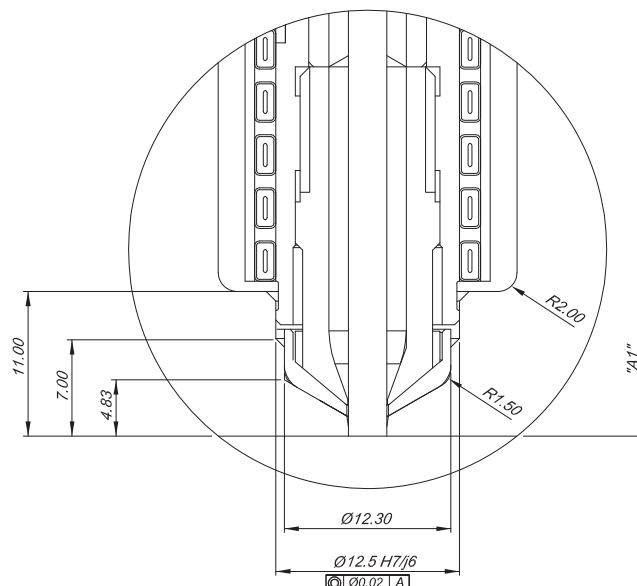
## Parallel Valve Pin Fit



Nozzle Assembly Specification Components

|                               | Code Nozzle | Dimension "A" | Components |          |           |          |         | Thermocouple |
|-------------------------------|-------------|---------------|------------|----------|-----------|----------|---------|--------------|
|                               |             |               | Body       | Shoulder | Heater    | Jacket   | Wattage |              |
| Heater Cables Assembly Option | Back        | HVT06052-D    | CBV06037   | SBP06014 | RHP05040  | JCT05040 | 260W    | ---          |
|                               |             | HVT06067-D    |            |          | RHP05055  | JCT05050 | 260W    | ---          |
|                               |             | HVT06092-D    |            |          | RHP05080  | JCT05050 | 350W    | ---          |
|                               |             | HVT06115-D    |            |          | RHP05105  | JCT05100 | 350W    | ---          |
|                               | Front       | HVT06052F-D   |            |          | RHP05040F | JCT05040 | 260W    | ---          |
|                               |             | HVT06067F-D   |            |          | RHP05055F | JCT05050 | 260W    | ---          |
|                               |             | HVT06092F-D   |            |          | RHP05080F | JCT05050 | 350W    | ---          |
|                               |             | HVT06115F-D   |            |          | RHP05105F | JCT05100 | 350W    | ---          |

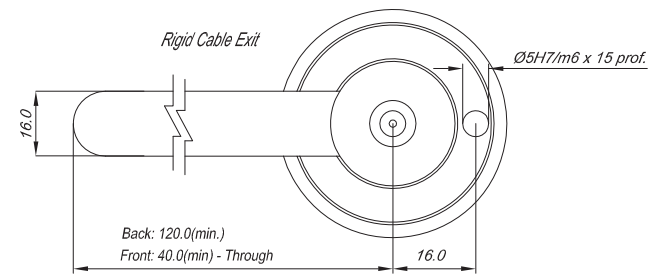
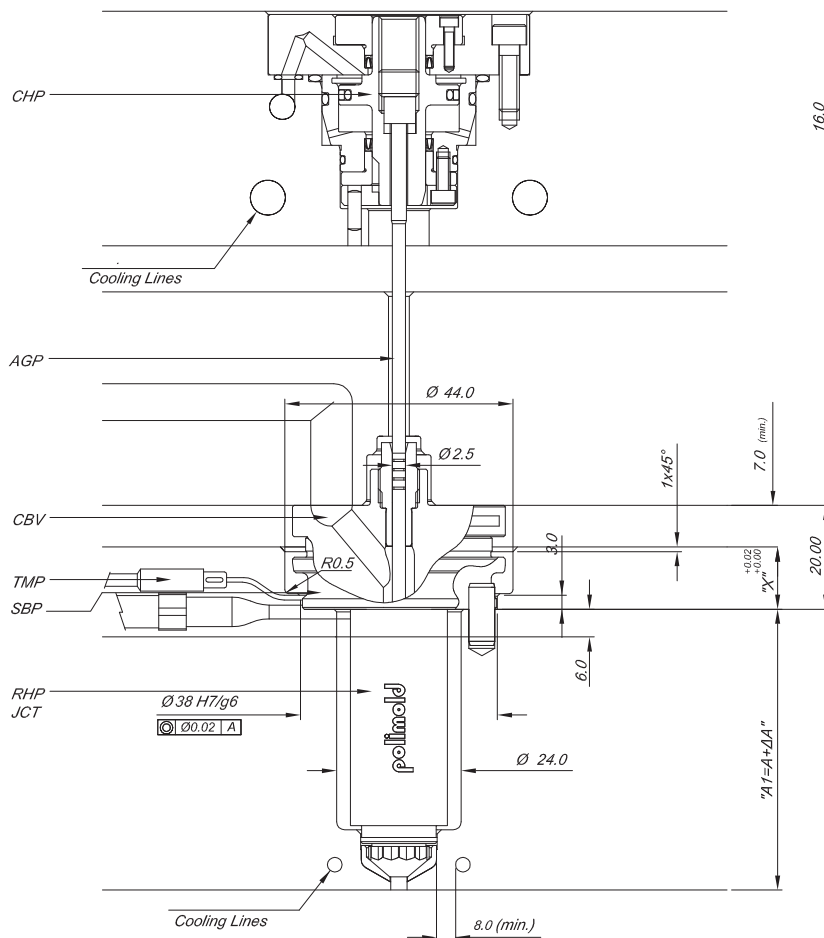
## Tip Options



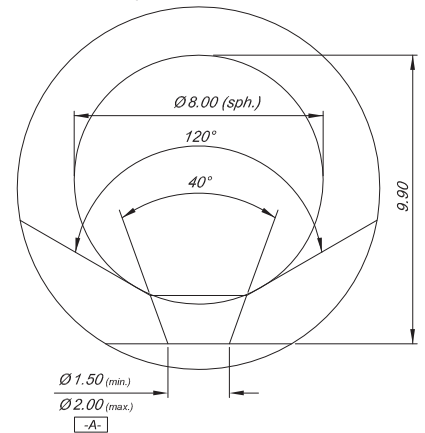
# Series V50

Polivalve Line

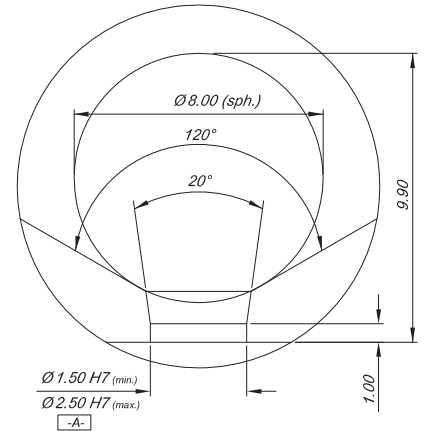
Valve Gate Injection Standard



## Angular Valve Pin Fit



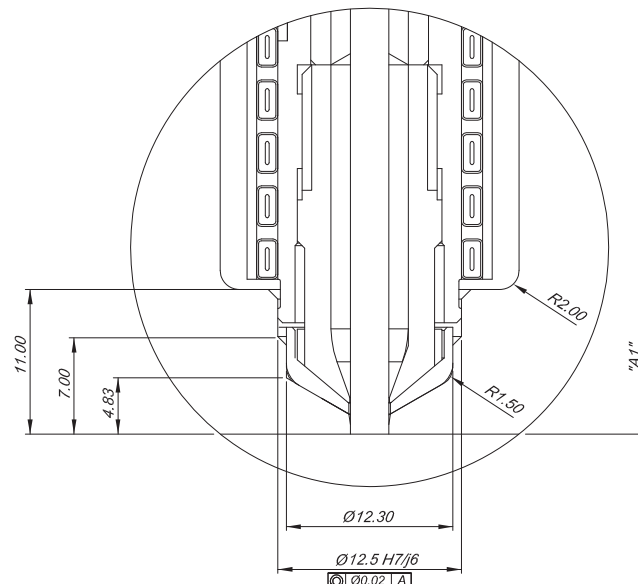
## Parallel Valve Pin Fit

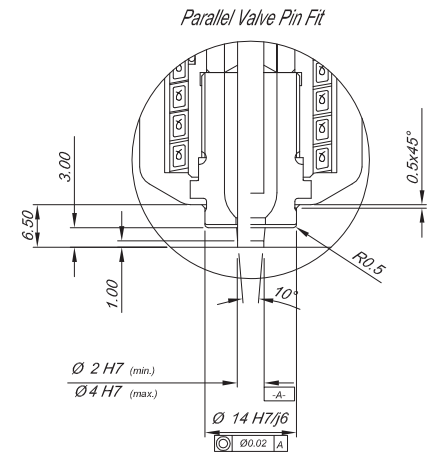
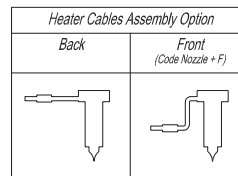
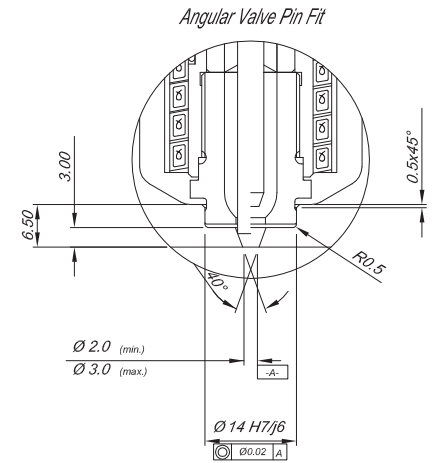
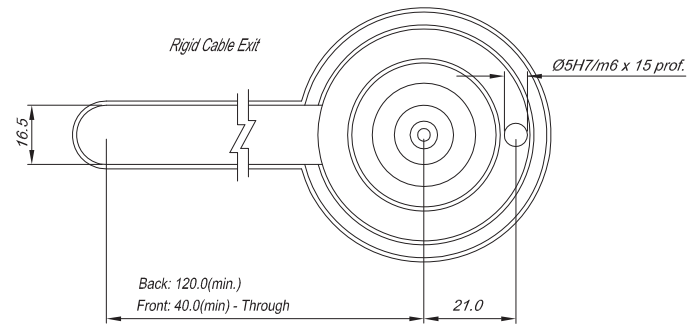
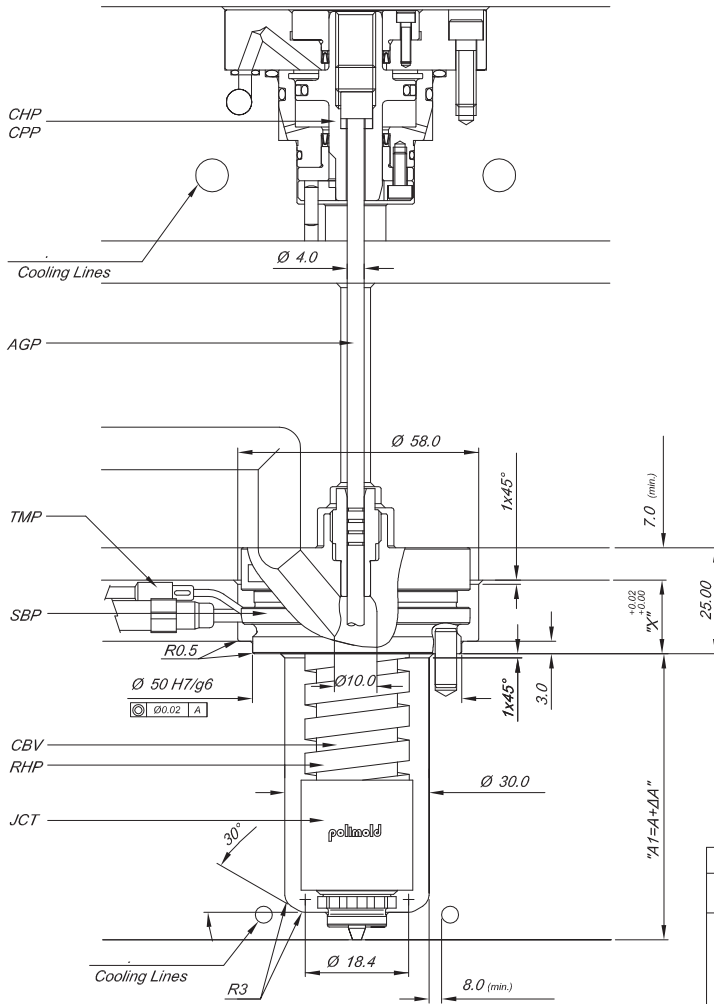


Nozzle Assembly Specification Components

| Heater Cables Assembly Option | Code Nozzle | Dimension "A" | Components |          |          |         |              |
|-------------------------------|-------------|---------------|------------|----------|----------|---------|--------------|
|                               |             |               | Body       | Shoulder | Heater   | Wattage | Thermocouple |
|                               |             |               | CBV06037   | SBP06014 | RBP05040 | 260W    | ---          |
| Back                          | BVT06052-D  | 51.50         |            |          |          |         |              |
|                               | BVT06067-D  | 66.50         |            |          |          |         |              |
|                               | BVT06092-D  | 91.50         |            |          |          |         |              |
|                               | BVT06115-D  | 114.50        |            |          |          |         |              |
| Front                         | BVT06052F-D | 51.50         |            |          |          |         |              |
|                               | BVT06067F-D | 66.50         |            |          |          |         |              |
|                               | BVT06092F-D | 91.50         |            |          |          |         |              |
|                               | BVT06115F-D | 114.50        |            |          |          |         |              |
|                               |             |               |            |          |          |         |              |

## Tip Options

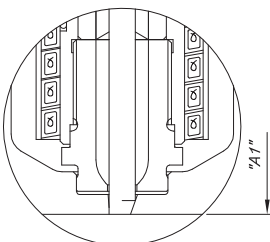
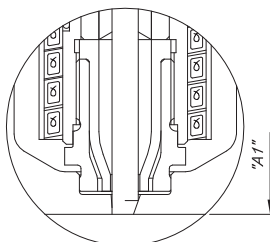
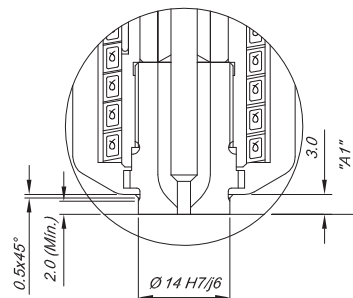
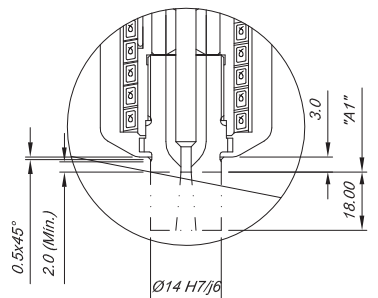


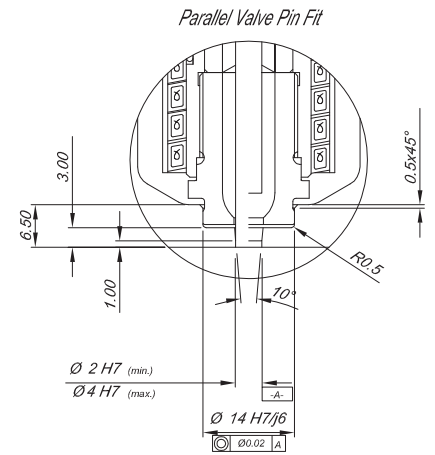
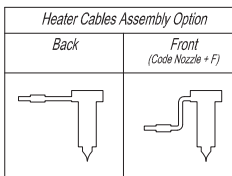
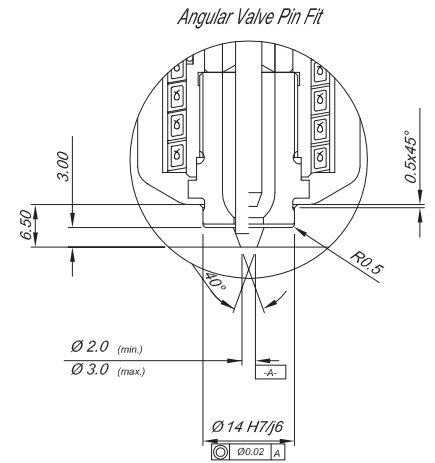
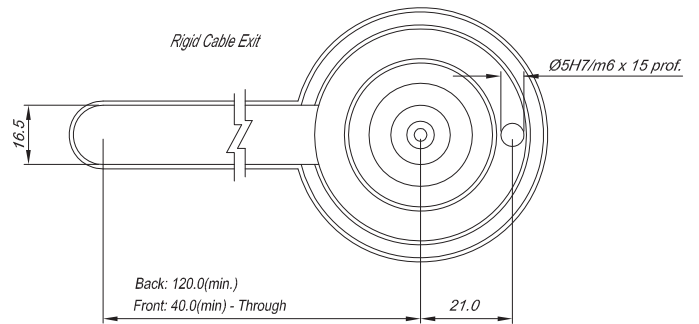
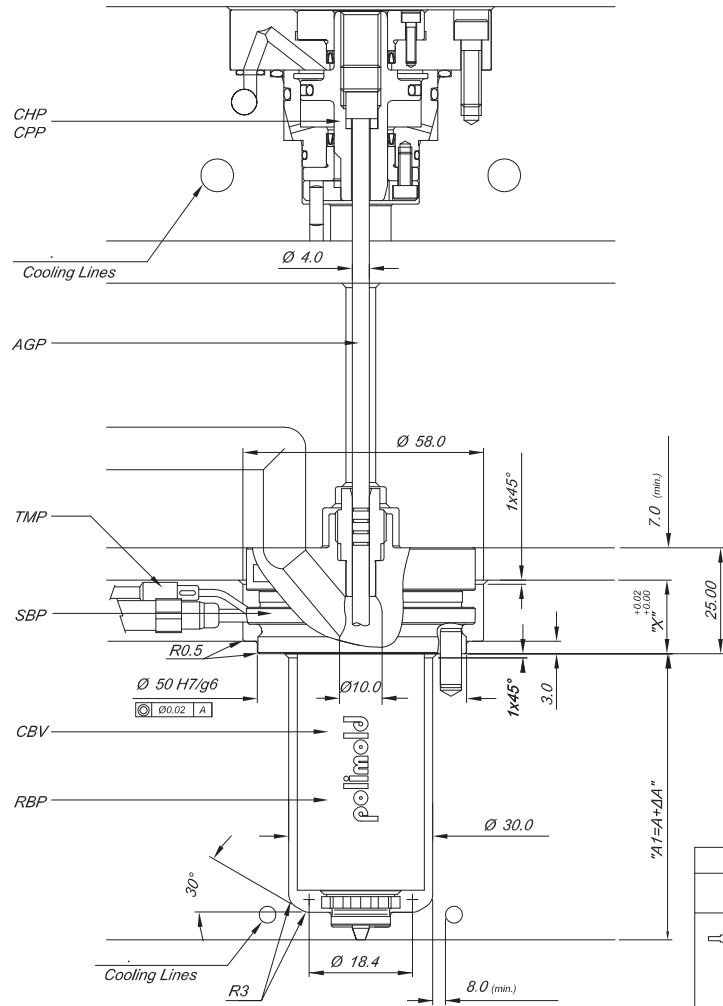


Nozzle Assembly Specification Components

|                               | Code Nozzle | Dimension "A" |          | Components |            |           |          |         |              |
|-------------------------------|-------------|---------------|----------|------------|------------|-----------|----------|---------|--------------|
|                               |             | Tips PVM      | Tips PMA | Body       | Shoulder   | Heater    | Jacket   | Wattage | Thermocouple |
|                               |             |               |          |            |            |           |          |         |              |
| Heater Cables Assembly Option | Back        | HVP10055-D    | 55.00    | CBV10043-D | SBP10015-D | RHP06049  | JCT06051 | 350W    | ---          |
|                               |             | HVP10067-D    | 67.50    |            |            | RHP06062  |          | 400W    | ---          |
|                               |             | HVP10080-D    | 80.00    |            |            | RHP06075  |          | 460W    | ---          |
|                               |             | HVP10092-D    | 92.50    |            |            | RHP06087  |          | 460W    | ---          |
|                               |             | HVP10117-D    | 117.50   |            |            | RHP06113  | JCT06101 | 610W    | ---          |
|                               |             | HVP10142-D    | 142.50   |            |            | RHP06138  |          | 610W    | ---          |
|                               | Front       | HVP10155-D    | 155.00   |            |            | RHP06150  |          | 610W    | ---          |
|                               |             | HVP10055F-D   | 55.00    |            |            | RHP06049F | JCT06051 | 350W    | ---          |
|                               |             | HVP10067F-D   | 67.50    |            |            | RHP06062F |          | 400W    | ---          |
|                               |             | HVP10080F-D   | 80.00    |            |            | RHP06075F |          | 460W    | ---          |
|                               |             | HVP10092F-D   | 92.50    |            |            | RHP06087F |          | 460W    | ---          |
|                               |             | HVP10117F-D   | 117.50   |            |            | RHP06113F | JCT06101 | 610W    | ---          |
|                               |             | HVP10142F-D   | 142.50   |            |            | RHP06138F |          | 610W    | ---          |
|                               |             | HVP10155F-D   | 155.00   |            |            | RHP06150F |          | 610W    | ---          |
|                               |             |               |          |            |            |           |          |         |              |
|                               |             |               |          |            |            |           |          |         |              |

## Tip Options

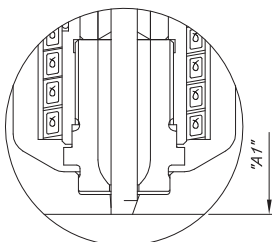
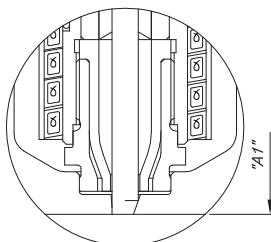
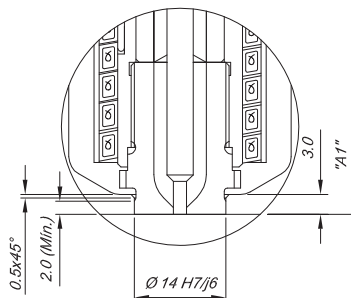
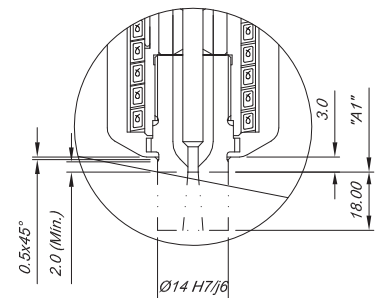
(PVM)  
Low Vestige(PVM)  
High Performance(PMA)  
Ring Style Tip(PMA)  
Ring Style Tip  
Extended



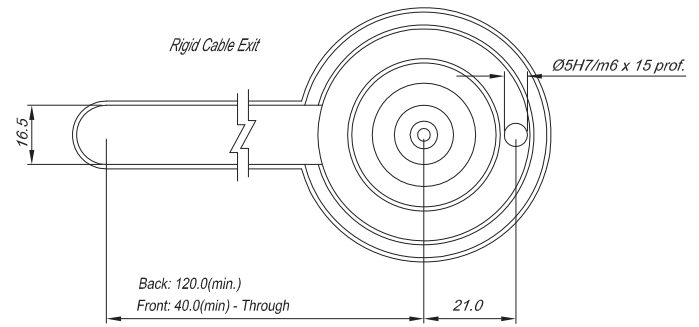
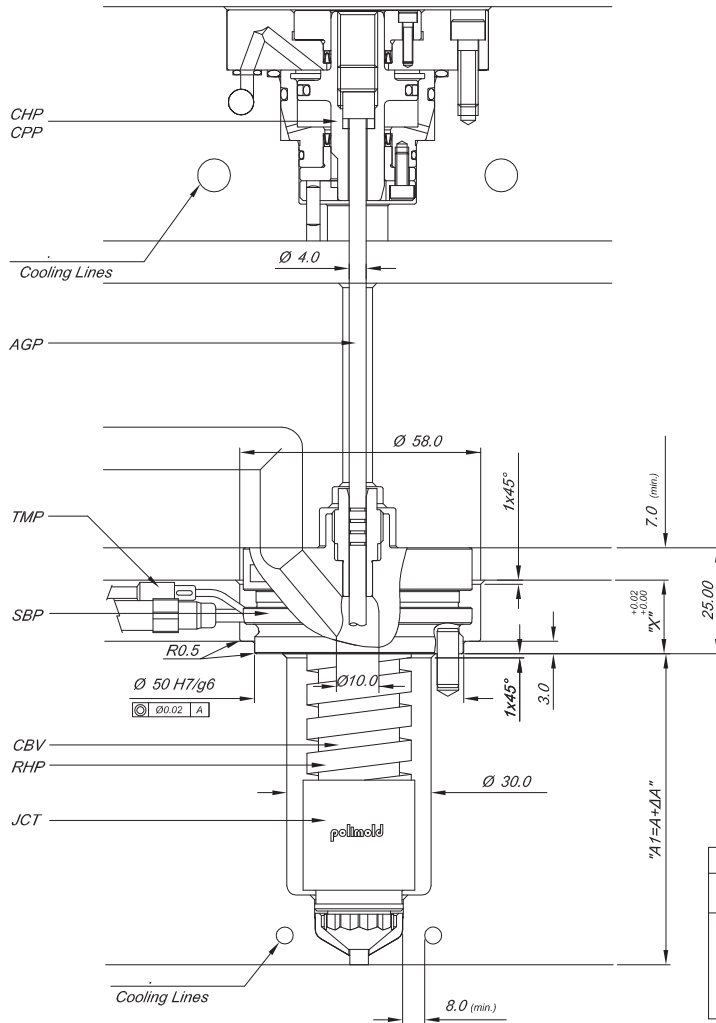
Nozzle Assembly Specification Components

|                               |       | Code Nozzle | Dimension "A" |          | Components |            |           |         |
|-------------------------------|-------|-------------|---------------|----------|------------|------------|-----------|---------|
|                               |       |             | Tips PVM      | Tips PMA | Body       | Shoulder   | Heater    | Wattage |
| Heater Cables Assembly Option | Back  | BVP10055-D  | 55.00         | 51.50    | CBV10043-D | SBP10015-D | RBP06052  | 460W    |
|                               |       | BVP10067-D  | 67.50         | 64.00    |            |            | RBP06064  | 460W    |
|                               |       | BVP10080-D  | 80.00         | 76.50    |            |            | RBP06077  | 690W    |
|                               |       | BVP10092-D  | 92.50         | 89.00    |            |            | RBP06090  | 690W    |
|                               |       | BVP10117-D  | 117.50        | 114.00   |            |            | RBP06115  | 760W    |
|                               |       | BVP10142-D  | 142.50        | 139.00   |            |            | RBP06140  | 1100W   |
|                               | Front | BVP10155-D  | 155.00        | 151.50   |            |            | RBP06152  | 1100W   |
|                               |       | BVP10055F-D | 55.00         | 51.50    |            |            | RBP06052F | 460W    |
|                               |       | BVP10067F-D | 67.50         | 64.00    |            |            | RBP06064F | 460W    |
|                               |       | BVP10080F-D | 80.00         | 76.50    |            |            | RBP06077F | 690W    |
|                               |       | BVP10092F-D | 92.50         | 89.00    |            |            | RBP06090F | 690W    |
|                               |       | BVP10117F-D | 117.50        | 114.00   |            |            | RBP06115F | 760W    |
|                               |       | BVP10142F-D | 142.50        | 139.00   |            |            | RBP06140F | 1100W   |
|                               |       | BVP10155F-D | 155.00        | 151.50   |            |            | RBP06152F | 1100W   |
|                               |       |             |               |          |            |            |           |         |
|                               |       |             |               |          |            |            |           |         |
|                               |       |             |               |          |            |            |           |         |
|                               |       |             |               |          |            |            |           |         |
|                               |       |             |               |          |            |            |           |         |
|                               |       |             |               |          |            |            |           |         |
|                               |       |             |               |          |            |            |           |         |

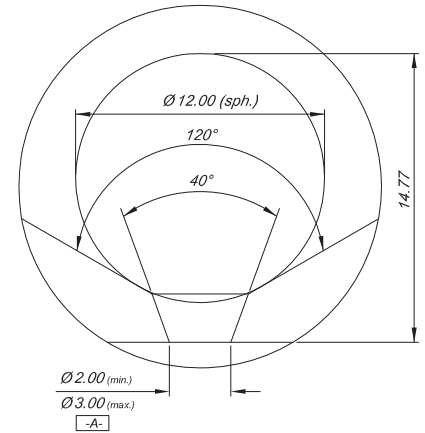
## Tip Options

 (PVM)  
Low Vestige

 (PVM)  
High Performance

 (PMA)  
Ring Style Tip

 (PMA)  
Ring Style Tip  
Extended


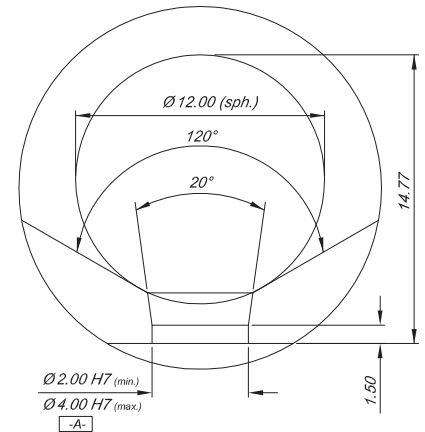




Angular Valve Pin Fit



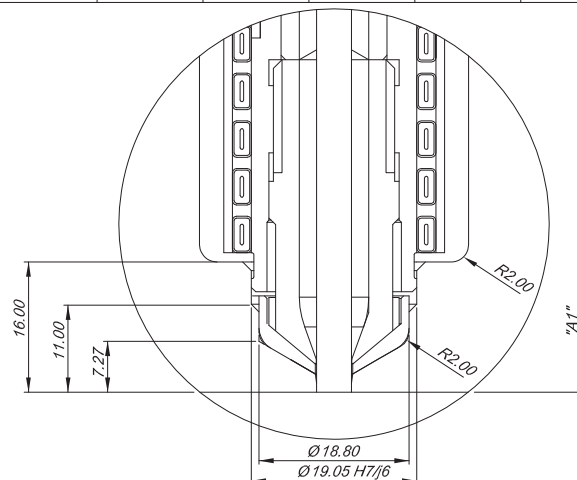
Parallel Valve Pin Fit

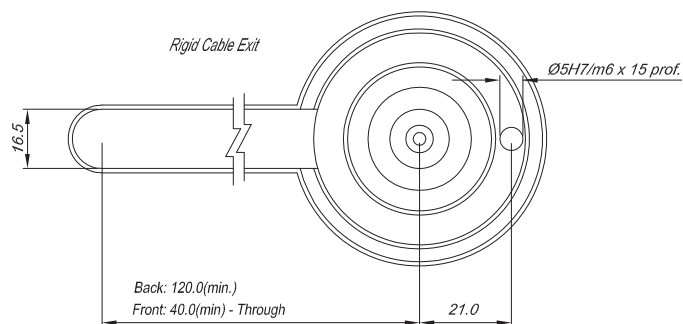
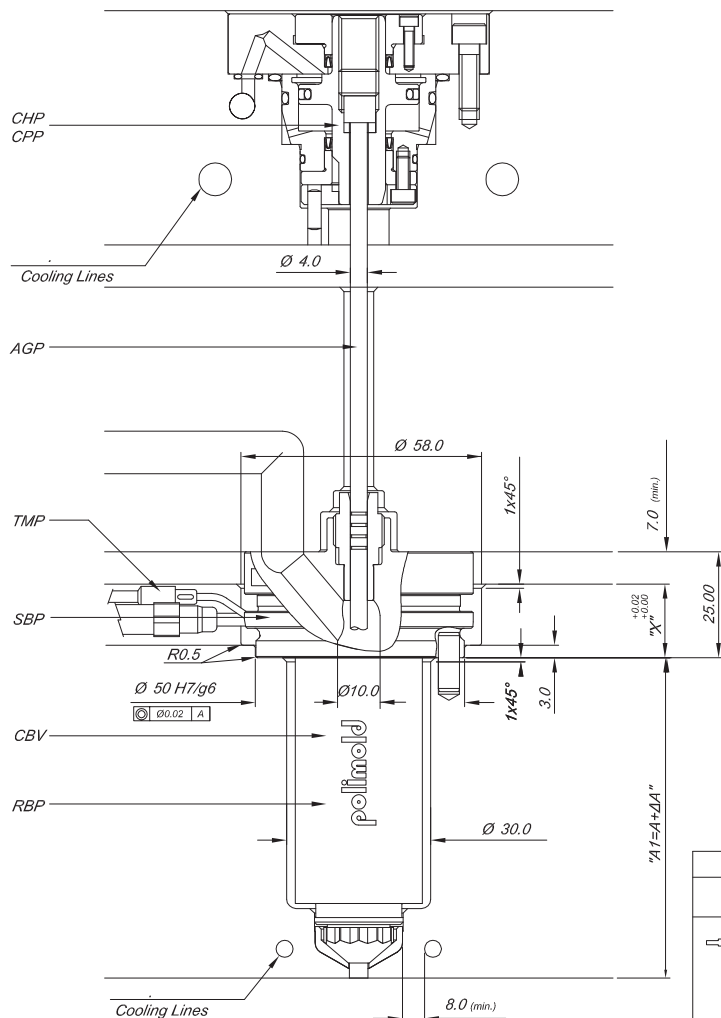


Nozzle Assembly Specification Components

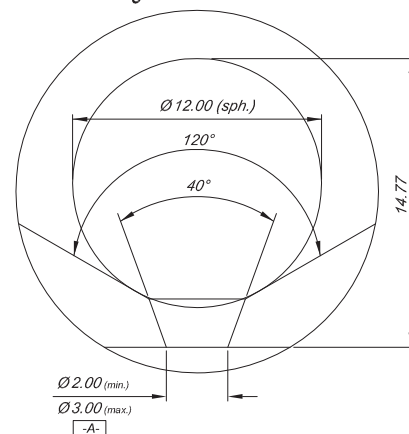
|                               |            | Nozzle Assembly Specification Components |                  |            |            |           |          |         |              |
|-------------------------------|------------|------------------------------------------|------------------|------------|------------|-----------|----------|---------|--------------|
|                               |            | Code<br>Nozzle                           | Dimension<br>"A" | Components |            |           |          |         |              |
|                               |            |                                          |                  | Body       | Shoulder   | Heater    | Jacket   | Wattage | Thermocouple |
| Heater Cables Assembly Option | Back       | HVT10055-D                               | 55.00            | CBV10043-D | SBP10015-D | RHP06049  | JCT06051 | 350W    | ----         |
|                               |            | HVT10067-D                               | 67.50            |            |            | RHP06062  |          | 400W    | ----         |
|                               |            | HVT10080-D                               | 80.00            |            |            | RHP06075  |          | 460W    | ----         |
|                               |            | HVT10092-D                               | 92.50            |            |            | RHP06087  |          | 460W    | ----         |
|                               |            | HVT10117-D                               | 117.50           |            |            | RHP06113  | JCT06101 | 610W    | ----         |
|                               |            | HVT10142-D                               | 142.50           |            |            | RHP06138  |          |         | ----         |
|                               | HVT10155-D | 155.00                                   | RHP06150         |            |            | ----      |          |         |              |
|                               | Front      | HVT10055F-D                              | 55.00            |            |            | RHP06049F | JCT06051 | 350W    | ----         |
|                               |            | HVT10067F-D                              | 67.50            |            |            | RHP06062F |          | 400W    | ----         |
|                               |            | HVT10080F-D                              | 80.00            |            |            | RHP06075F |          | 460W    | ----         |
|                               |            | HVT10092F-D                              | 92.50            |            |            | RHP06087F |          | 460W    | ----         |
|                               |            | HVT10117F-D                              | 117.50           |            |            | RHP06113F | JCT06101 | 610W    | ----         |
|                               |            | HVT10142F-D                              | 142.50           |            |            | RHP06138F |          |         | ----         |
|                               |            | HVT10155F-D                              | 155.00           |            |            | RHP06150F |          |         | ----         |
|                               |            |                                          |                  |            |            |           |          |         | ----         |
|                               |            |                                          |                  |            |            |           |          |         | ----         |

Tip Options

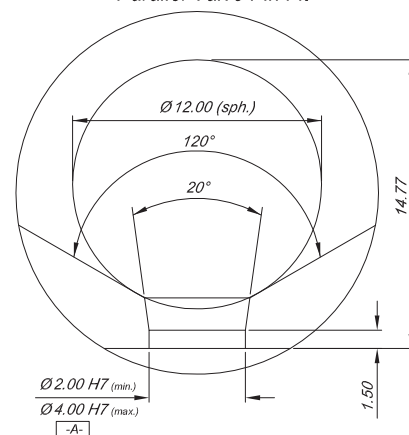




Angular Valve Pin Fit



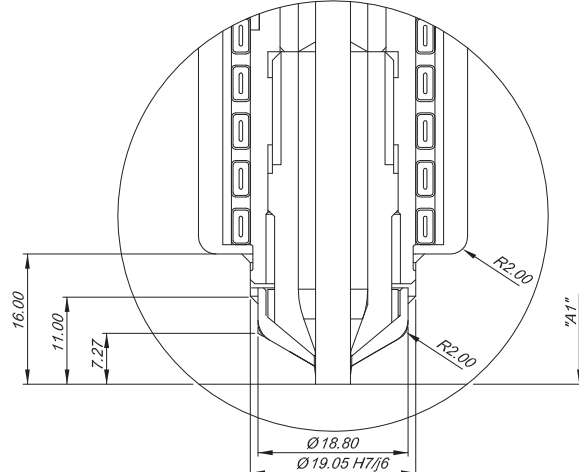
Parallel Valve Pin Fit



Nozzle Assembly Specification Components

|                               |       | Nozzle Assembly Specification Components |                  |            |            |           |         |              |
|-------------------------------|-------|------------------------------------------|------------------|------------|------------|-----------|---------|--------------|
|                               |       | Code<br>Nozzle                           | Dimension<br>"A" | Components |            |           |         |              |
|                               |       |                                          |                  | Body       | Shoulder   | Heater    | Wattage | Thermocouple |
| Heater Cables Assembly Option | Back  | BVT10055-D                               | 55.00            | CBV10043-D | SBP10015-D | RBP06052  | 460W    | ---          |
|                               |       | BVT10067-D                               | 67.50            |            |            | RBP06064  | 460W    | ---          |
|                               |       | BVT10080-D                               | 80.00            |            |            | RBP06077  | 690W    | ---          |
|                               |       | BVT10092-D                               | 92.50            |            |            | RBP06090  | 690W    | ---          |
|                               |       | BVT10117-D                               | 117.50           |            |            | RBP06115  | 760W    | ---          |
|                               |       | BVT10142-D                               | 142.50           |            |            | RBP06140  | 1100W   | ---          |
|                               | Front | BVT10155-D                               | 155.00           |            |            | RBP06152  | 1100W   | ---          |
|                               |       | BVT10055F-D                              | 55.00            |            |            | RBP06052F | 460W    | ---          |
|                               |       | BVT10067F-D                              | 67.50            |            |            | RBP06064F | 460W    | ---          |
|                               |       | BVT10080F-D                              | 80.00            |            |            | RBP06077F | 690W    | ---          |
|                               |       | BVT10092F-D                              | 92.50            |            |            | RBP06090F | 690W    | ---          |
|                               |       | BVT10117F-D                              | 117.50           |            |            | RBP06115F | 760W    | ---          |
|                               |       | BVT10142F-D                              | 142.50           |            |            | RBP06140F | 1100W   | ---          |
|                               |       | BVT10155F-D                              | 155.00           |            |            | RBP06152F | 1100W   | ---          |

Tip Options

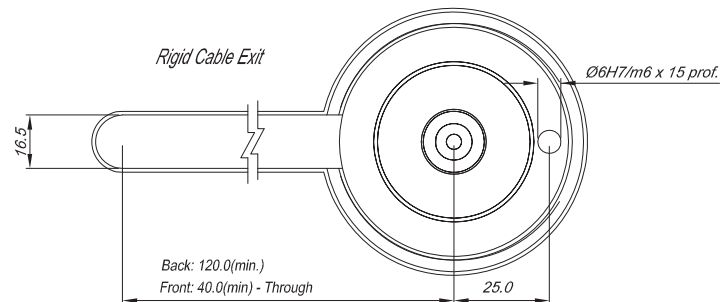
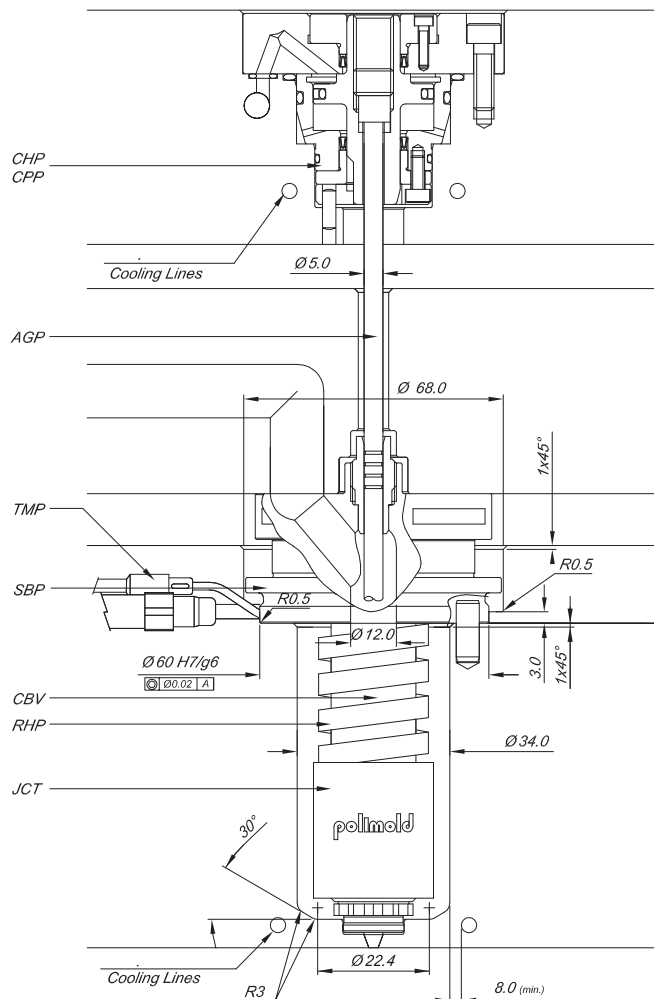


# Series V500

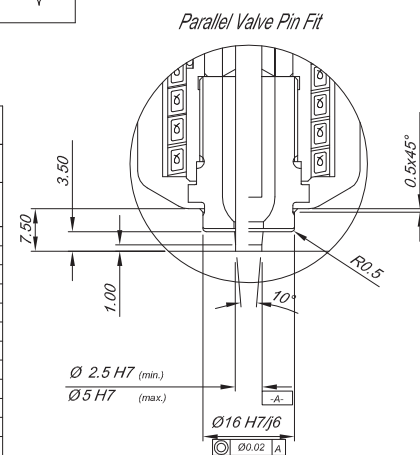
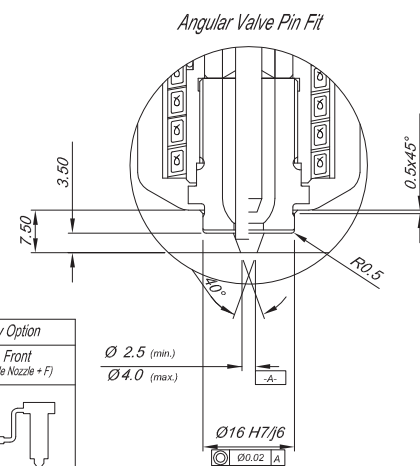
Polivalve Line

Valve Gate Injection Standard

**polimold**  
INDUSTRIAL S.A.



| Heater Cables Assembly Option |                            |  |
|-------------------------------|----------------------------|--|
| Back                          | Front<br>(Code Nozzle + F) |  |
|                               |                            |  |

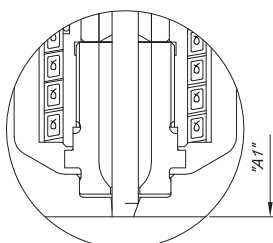


Nozzle Assembly Specification Components

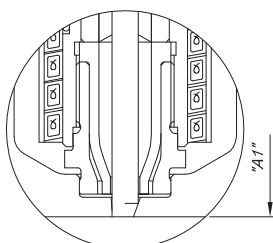
|                               |       | Dimension "A" |             | Components |            |           |          |         |              |
|-------------------------------|-------|---------------|-------------|------------|------------|-----------|----------|---------|--------------|
|                               |       | Tips<br>PVM   | Tips<br>PMA | Body       | Shoulder   | Heater    | Jacket   | Wattage | Thermocouple |
| Heater Cables Assembly Option | Back  | HVP12058-D    | 58.00       | CBV12053-D | SBP12022-D | RHP10054  | JCT10050 | 400W    | TMP01080     |
|                               |       | HVP12070-D    | 70.50       |            |            | RHP10067  |          | 400W    | TMP01100     |
|                               |       | HVP12083-D    | 83.00       |            |            | RHP10080  |          | 500W    | TMP01120     |
|                               |       | HVP12095-D    | 95.50       |            |            | RHP10092  | JCT10100 | 690W    | TMP01140     |
|                               |       | HVP12108-D    | 108.00      |            |            | RHP10105  |          | 690W    | TMP01160     |
|                               |       | HVP12133-D    | 133.00      |            |            | RHP10130  |          | 760W    | TMP01180     |
|                               |       | HVP12159-D    | 159.00      |            |            | RHP10156  | JCT10050 | 760W    | TMP01200     |
|                               |       | HVP12185-D    | 185.00      |            |            | RHP10181  |          | 850W    | TMP01220     |
|                               | Front | HVP12058F-D   | 58.00       |            |            | RHP10054F | JCT10050 | 400W    | TMP01080     |
|                               |       | HVP12070F-D   | 70.50       |            |            | RHP10067F |          | 400W    | TMP01100     |
|                               |       | HVP12083F-D   | 83.00       |            |            | RHP10080F |          | 500W    | TMP01120     |
|                               |       | HVP12095F-D   | 95.50       |            |            | RHP10092F | JCT10100 | 690W    | TMP01140     |
|                               |       | HVP12108F-D   | 108.00      |            |            | RHP10105F |          | 690W    | TMP01160     |
|                               |       | HVP12133F-D   | 133.00      |            |            | RHP10130F |          | 760W    | TMP01180     |
|                               |       | HVP12159F-D   | 159.00      |            |            | RHP10156F |          | 760W    | TMP01200     |
|                               |       | HVP12185F-D   | 185.00      |            |            | RHP10181F |          | 850W    | TMP01220     |

## Tip Options

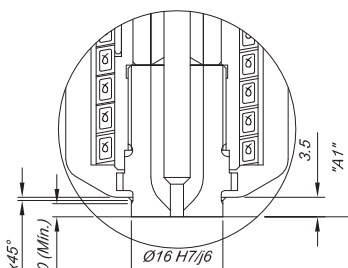
(PVM)  
Low Vestige



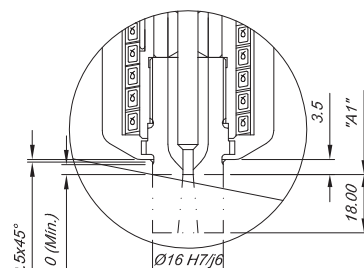
(PVM)  
High Performance

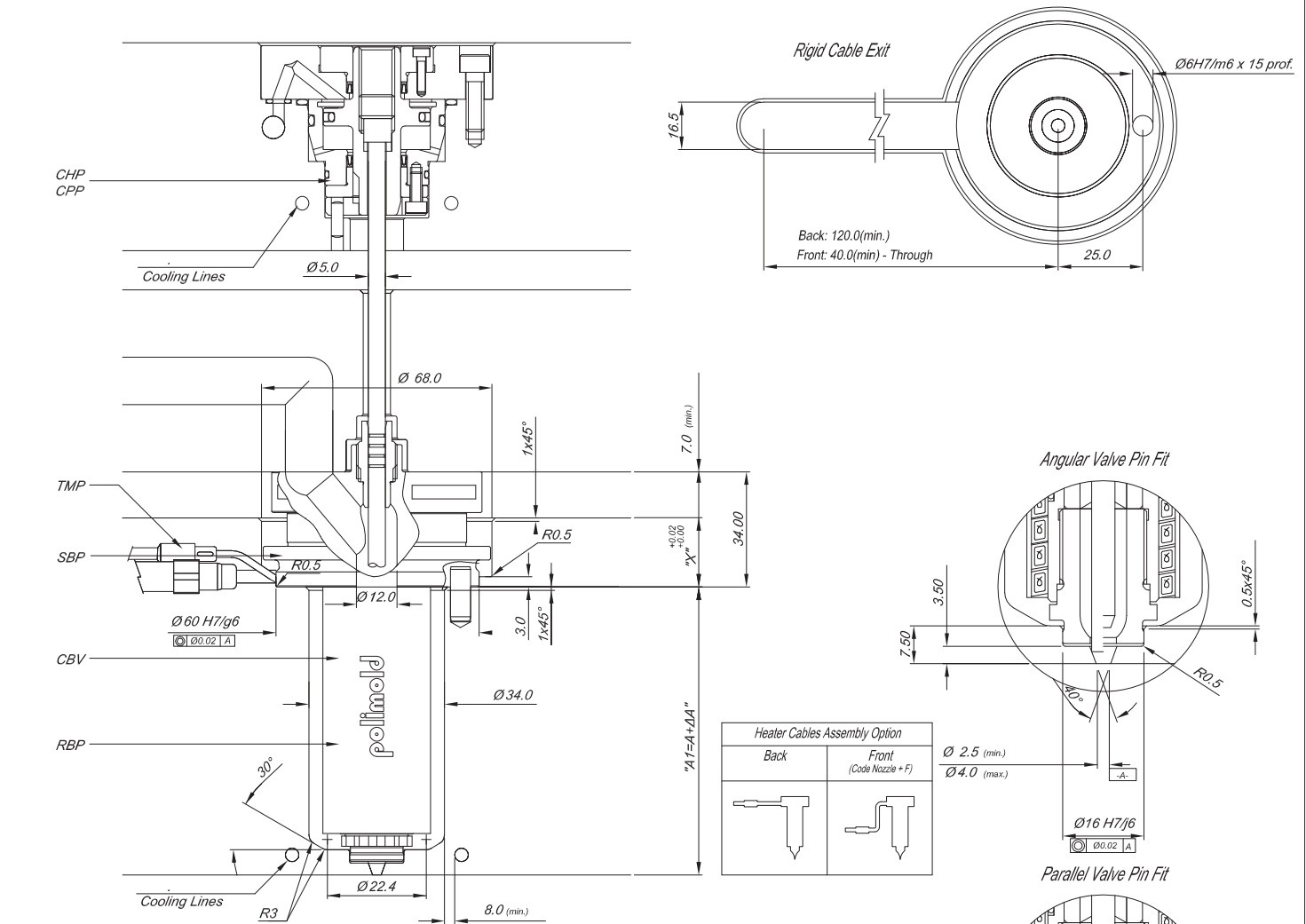


(PMA)  
Ring Style Tip



(PMA)  
Ring Style Tip  
Extended



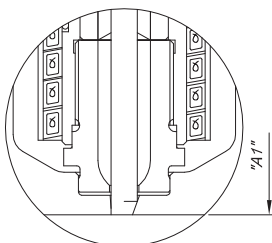


Nozzle Assembly Specification Components

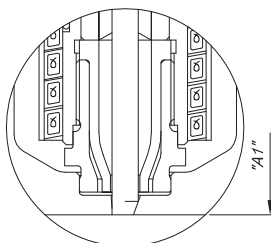
|                               | Code Nozzle | Dimension "A" |          | Components |            |           |         |              |
|-------------------------------|-------------|---------------|----------|------------|------------|-----------|---------|--------------|
|                               |             | Tips PVM      | Tips PMA | Body       | Shoulder   | Heater    | Wattage | Thermocouple |
|                               |             |               |          |            |            |           |         |              |
| Heater Cables Assembly Option | Back        | BVP12058-D    | 58.00    | CBV12053-D | SBP12022-D | RBP10056  | 500W    | TMP01080     |
|                               |             | BVP12070-D    | 70.50    |            |            | RBP10069  | 690W    | TMP01100     |
|                               |             | BVP12083-D    | 83.00    |            |            | RBP10081  | 760W    | TMP01120     |
|                               |             | BVP12095-D    | 95.50    |            |            | RBP10094  | 760W    | TMP01140     |
|                               |             | BVP12108-D    | 108.00   |            |            | RBP10107  | 760W    | TMP01160     |
|                               |             | BVP12133-D    | 133.00   |            |            | RBP10131  | 850W    | TMP01180     |
|                               |             | BVP12159-D    | 159.00   |            |            | RBP10158  | 1100W   | TMP01200     |
|                               |             | BVP12185-D    | 185.00   |            |            | RBP10183  | 1300W   | TMP01220     |
|                               | Front       | BVP12058F-D   | 58.00    |            |            | RBP10056F | 500W    | TMP01080     |
|                               |             | BVP12070F-D   | 70.50    |            |            | RBP10069F | 690W    | TMP01100     |
|                               |             | BVP12083F-D   | 83.00    |            |            | RBP10081F | 760W    | TMP01120     |
|                               |             | BVP12095F-D   | 95.50    |            |            | RBP10094F | 760W    | TMP01140     |
|                               |             | BVP12108F-D   | 108.00   |            |            | RBP10107F | 760W    | TMP01160     |
|                               |             | BVP12133F-D   | 133.00   |            |            | RBP10131F | 850W    | TMP01180     |
|                               |             | BVP12159F-D   | 159.00   |            |            | RBP10158F | 1100W   | TMP01200     |
|                               |             | BVP12185F-D   | 185.00   |            |            | RBP10183F | 1300W   | TMP01220     |

## Tip Options

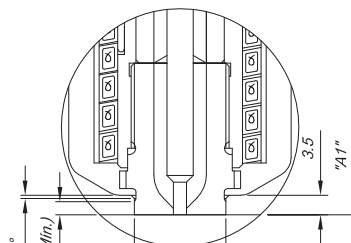
(PVM)  
Low Vestige



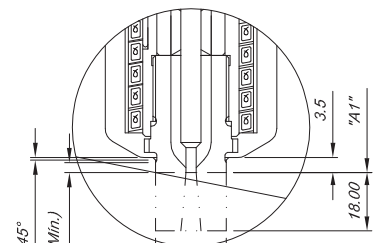
(PVM)  
High Performance

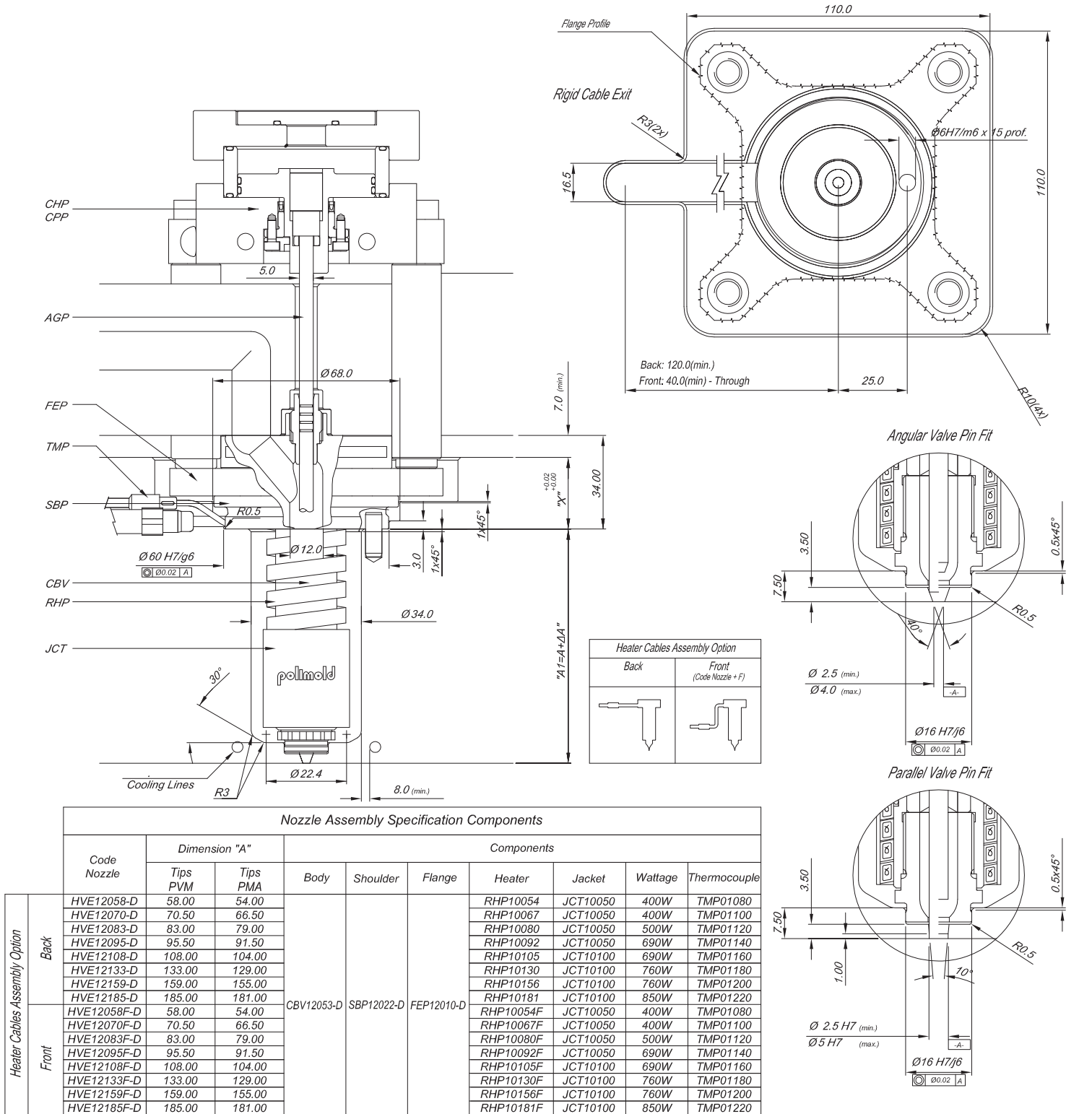


(PMA)  
Ring Style Tip



(PMA)  
Ring Style Tip  
Extended





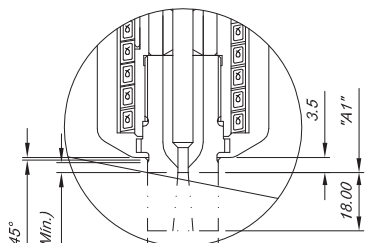
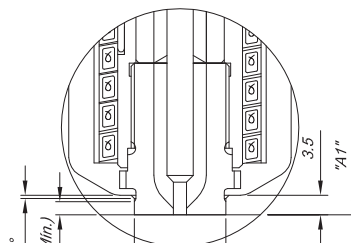
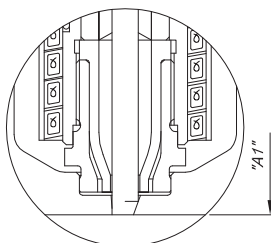
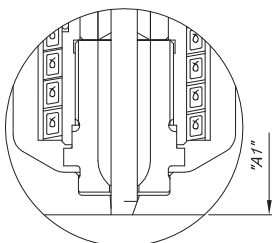
## Tip Options

(PVM)  
Low Vestige

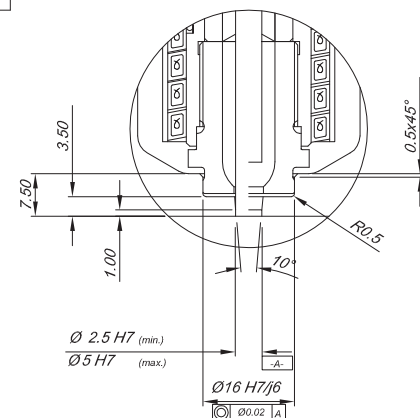
(PVM)  
High Performance

(PMA)  
Ring Style Tip

(PMA)  
Ring Style Tip  
Extended

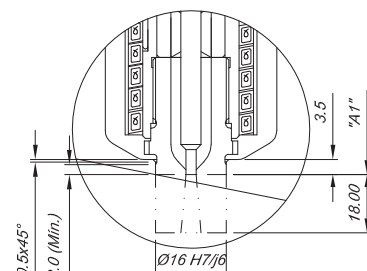


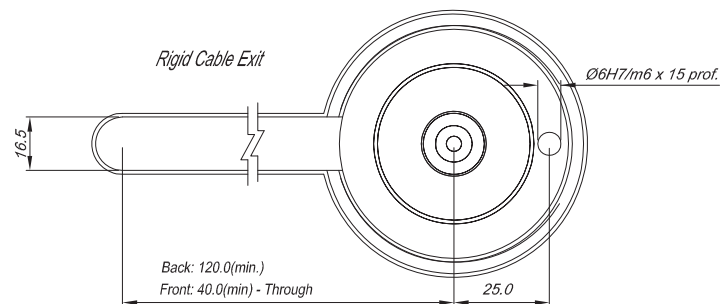
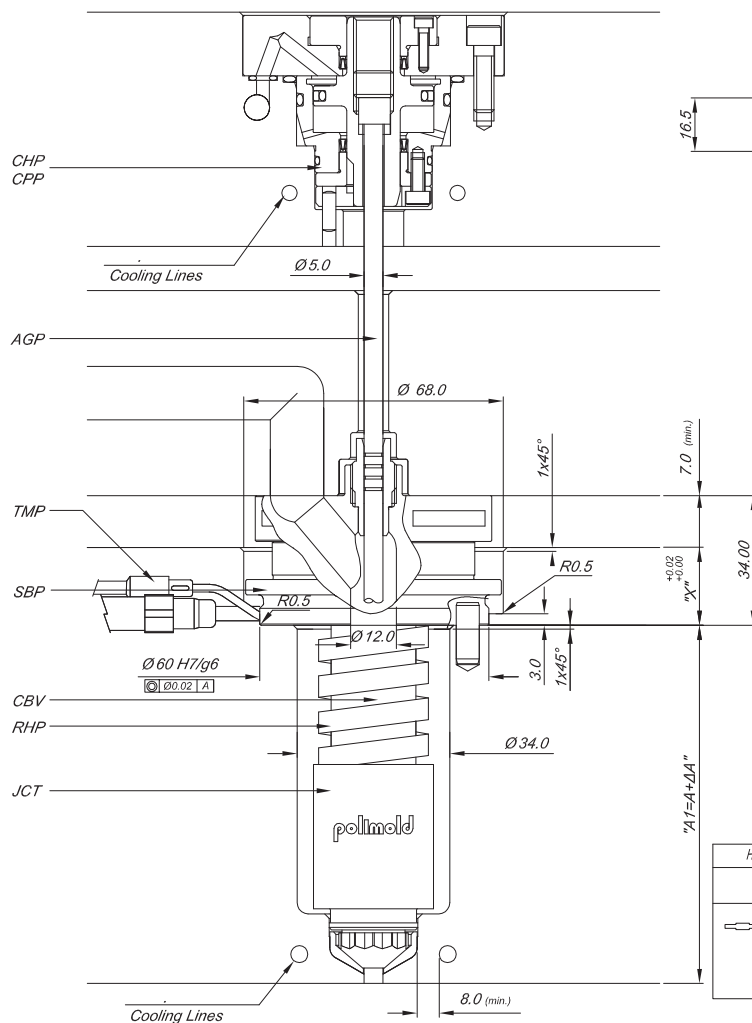
### Valve Gate Injection Standard



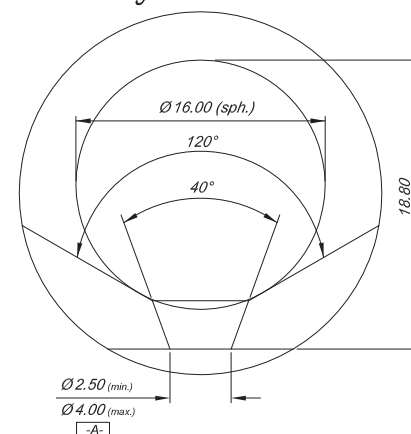
|                               |       | Code<br>Nozzle | Dimension "A" |             | Components |            |            |           |         |              |
|-------------------------------|-------|----------------|---------------|-------------|------------|------------|------------|-----------|---------|--------------|
|                               |       |                | Tips<br>PVM   | Tips<br>PMA | Body       | Shoulder   | Flange     | Heater    | Wattage | Thermocouple |
| Heater Cables Assembly Option | Back  | BVE12058-D     | 58.00         | 54.00       | CBV12053-D | SBP12022-D | FEP12010-D | RBP10056  | 500W    | TMP01080     |
|                               |       | BVE12070-D     | 70.50         | 66.50       |            |            |            | RBP10069  | 690W    | TMP01100     |
|                               |       | BVE12083-D     | 83.00         | 79.00       |            |            |            | RBP10081  | 760W    | TMP01120     |
|                               |       | BVE12095-D     | 95.50         | 91.50       |            |            |            | RBP10094  | 760W    | TMP01140     |
|                               |       | BVE12108-D     | 108.00        | 104.00      |            |            |            | RBP10107  | 760W    | TMP01160     |
|                               |       | BVE12133-D     | 133.00        | 129.00      |            |            |            | RBP10131  | 850W    | TMP01180     |
|                               | Front | BVE12159-D     | 159.00        | 155.00      |            |            |            | RBP10158  | 1100W   | TMP01200     |
|                               |       | BVE12185-D     | 185.00        | 181.00      |            |            |            | RBP10183  | 1300W   | TMP01220     |
|                               |       | BVE12058F-D    | 58.00         | 54.00       |            |            |            | RBP10056F | 500W    | TMP01080     |
|                               |       | BVE12070F-D    | 70.50         | 66.50       |            |            |            | RBP10069F | 690W    | TMP01100     |
|                               |       | BVE12083F-D    | 83.00         | 79.00       |            |            |            | RBP10081F | 760W    | TMP01120     |
|                               |       | BVE12095F-D    | 95.50         | 91.50       |            |            |            | RBP10094F | 760W    | TMP01140     |
|                               |       | BVE12108F-D    | 108.00        | 104.00      |            |            |            | RBP10107F | 760W    | TMP01160     |
|                               |       | BVE12133F-D    | 133.00        | 129.00      |            |            |            | RBP10131F | 850W    | TMP01180     |
|                               |       | BVE12159F-D    | 159.00        | 155.00      |            |            |            | RBP10158F | 1100W   | TMP01200     |
|                               |       | BVE12185F-D    | 185.00        | 181.00      |            |            |            | RBP10183F | 1300W   | TMP01220     |

(PMA)  
Ring Style Tip  
Extended

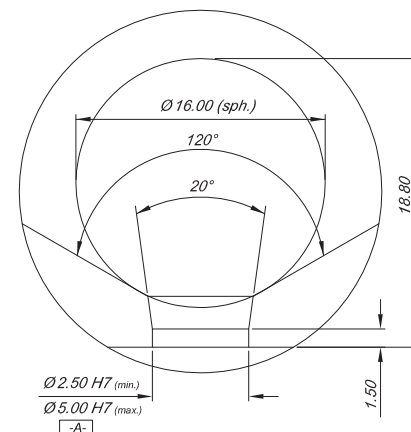




Angular Valve Pin Fit



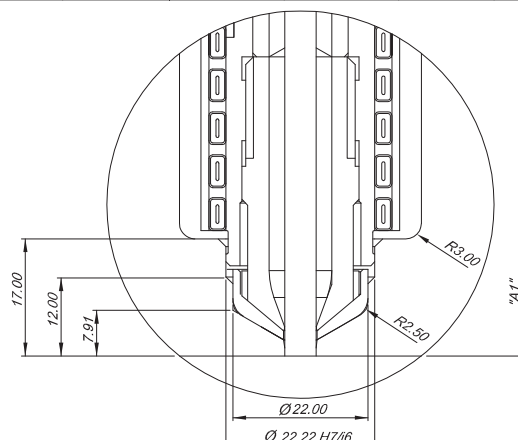
Parallel Valve Pin Fit



Nozzle Assembly Specification Components

|                               |       | Nozzle Assembly Specification Components |                  |            |            |           |          |         |              |
|-------------------------------|-------|------------------------------------------|------------------|------------|------------|-----------|----------|---------|--------------|
|                               |       | Code<br>Nozzle                           | Dimension<br>"A" | Components |            |           |          |         |              |
|                               |       |                                          |                  | Body       | Shoulder   | Heater    | Jacket   | Wattage | Thermocouple |
| Heater Cables Assembly Option | Back  | HVT12058-D                               | 58.00            | CBV12053-D | SBP12022-D | RHP10054  | JCT10050 | 400W    | TMP01080     |
|                               |       | HVT12070-D                               | 70.50            |            |            | RHP10067  |          | 400W    | TMP01100     |
|                               |       | HVT12083-D                               | 83.00            |            |            | RHP10080  |          | 500W    | TMP01120     |
|                               |       | HVT12095-D                               | 95.50            |            |            | RHP10092  |          | 690W    | TMP01140     |
|                               |       | HVT12108-D                               | 108.00           |            |            | RHP10105  | JCT10100 | 690W    | TMP01160     |
|                               |       | HVT12133-D                               | 133.00           |            |            | RHP10130  |          | 760W    | TMP01180     |
|                               |       | HVT12159-D                               | 159.00           |            |            | RHP10156  |          | 760W    | TMP01200     |
|                               |       | HVT12185-D                               | 185.00           |            |            | RHP10181  |          | 850W    | TMP01220     |
|                               | Front | HVT12058F-D                              | 58.00            |            |            | RHP10054F | JCT10050 | 400W    | TMP01080     |
|                               |       | HVT12070F-D                              | 70.50            |            |            | RHP10067F |          | 400W    | TMP01100     |
|                               |       | HVT12083F-D                              | 83.00            |            |            | RHP10080F |          | 500W    | TMP01120     |
|                               |       | HVT12095F-D                              | 95.50            |            |            | RHP10092F |          | 690W    | TMP01140     |
|                               |       | HVT12108F-D                              | 108.00           |            |            | RHP10105F | JCT10100 | 690W    | TMP01160     |
|                               |       | HVT12133F-D                              | 133.00           |            |            | RHP10130F |          | 760W    | TMP01180     |
|                               |       | HVT12159F-D                              | 159.00           |            |            | RHP10156F |          | 760W    | TMP01200     |
|                               |       | HVT12185F-D                              | 185.00           |            |            | RHP10181F |          | 850W    | TMP01220     |

Tip Options



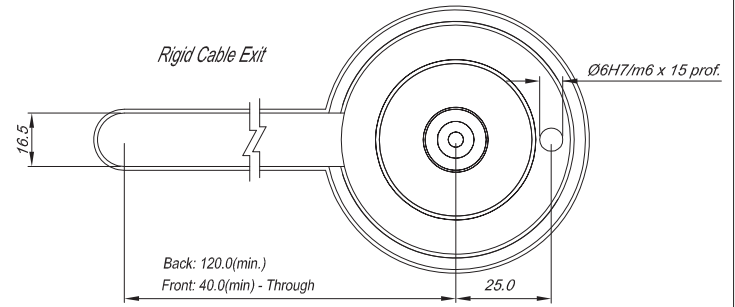
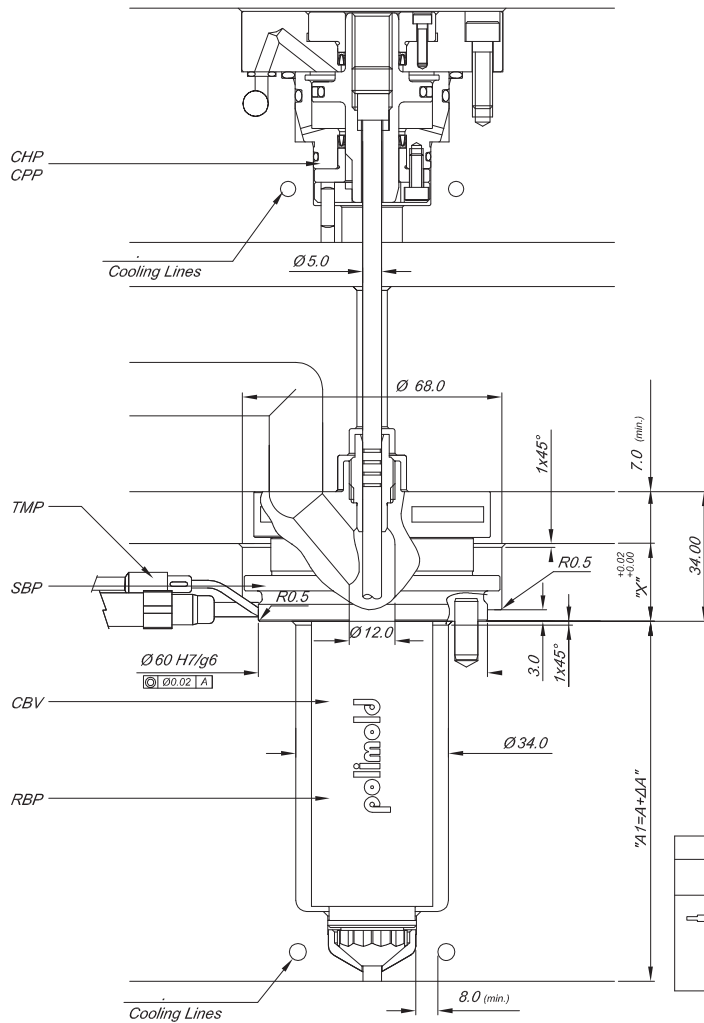


# Series V500

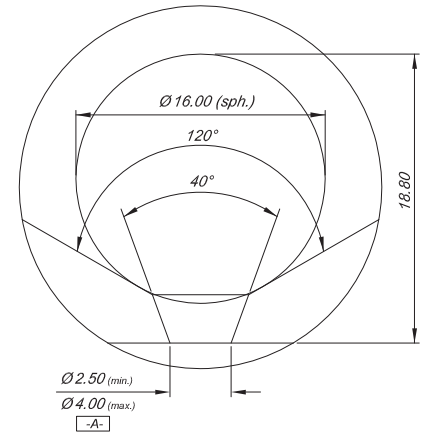
Polivalve Line

Valve Gate Injection Standard

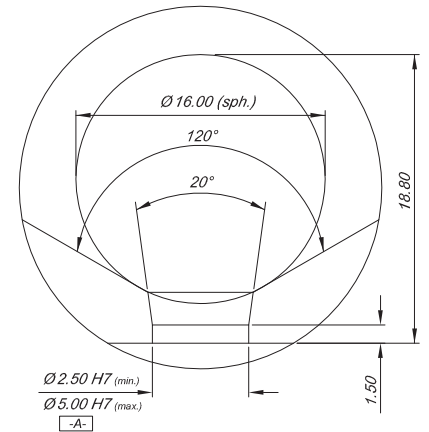
**polimold**  
INDUSTRIAL S.A.



## Angular Valve Pin Fit



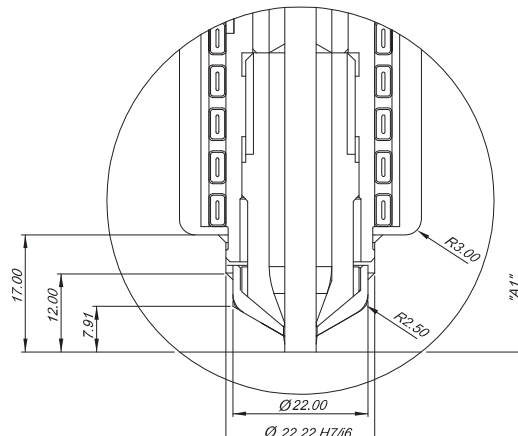
## Parallel Valve Pin Fit



## Nozzle Assembly Specification Components

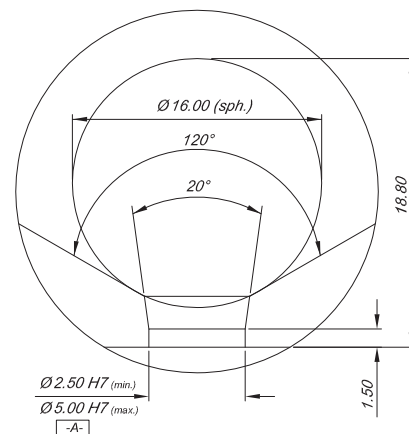
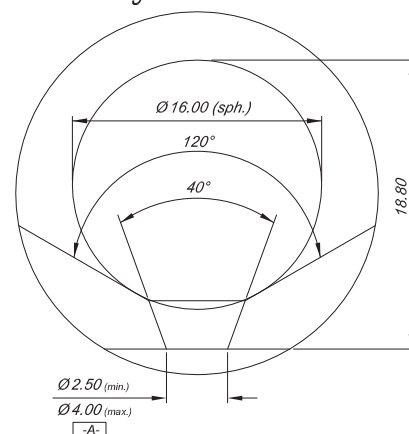
|                               | Code Nozzle | Dimension "A" | Components |            |           |         |              |
|-------------------------------|-------------|---------------|------------|------------|-----------|---------|--------------|
|                               |             |               | Body       | Shoulder   | Heater    | Wattage | Thermocouple |
|                               |             |               |            |            |           |         |              |
| Heater Cables Assembly Option | Back        | BVT12058-D    | CBV12053-D | SBP12022-D | RBP10056  | 500W    | TMP01080     |
|                               |             | BVT12070-D    |            |            | RBP10069  | 690W    | TMP01100     |
|                               |             | BVT12083-D    |            |            | RBP10081  | 760W    | TMP01120     |
|                               |             | BVT12095-D    |            |            | RBP10094  | 760W    | TMP01140     |
|                               |             | BVT12108-D    |            |            | RBP10107  | 760W    | TMP01160     |
|                               |             | BVT12133-D    |            |            | RBP10131  | 850W    | TMP01180     |
|                               |             | BVT12159-D    |            |            | RBP10158  | 1100W   | TMP01200     |
|                               |             | BVT12185-D    |            |            | RBP10183  | 1300W   | TMP01220     |
|                               | Front       | BVT12058F-D   |            |            | RBP10056F | 500W    | TMP01080     |
|                               |             | BVT12070F-D   |            |            | RBP10069F | 690W    | TMP01100     |
|                               |             | BVT12083F-D   |            |            | RBP10081F | 760W    | TMP01120     |
|                               |             | BVT12095F-D   |            |            | RBP10094F | 760W    | TMP01140     |
|                               |             | BVT12108F-D   |            |            | RBP10107F | 760W    | TMP01160     |
|                               |             | BVT12133F-D   |            |            | RBP10131F | 850W    | TMP01180     |
|                               |             | BVT12159F-D   |            |            | RBP10158F | 1100W   | TMP01200     |
|                               |             | BVT12185F-D   |            |            | RBP10183F | 1300W   | TMP01220     |

## Tip Options

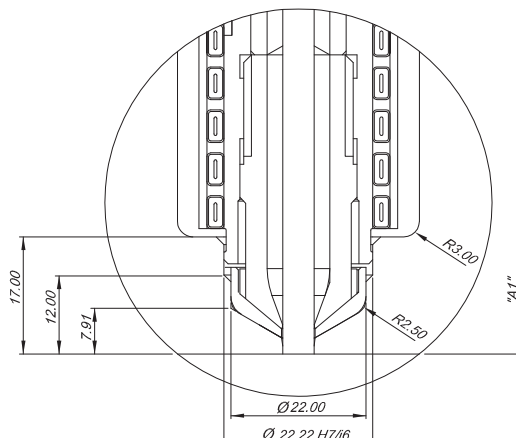


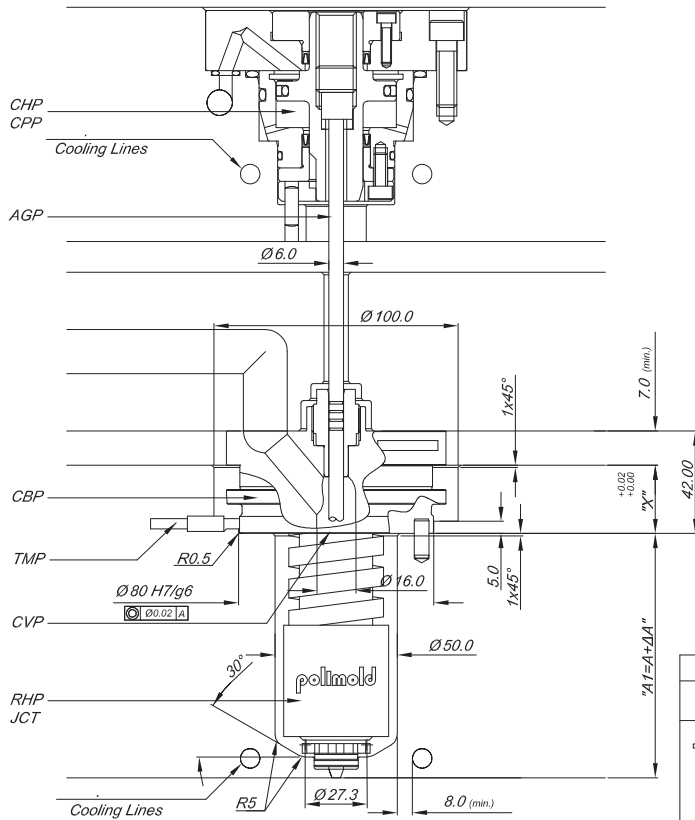
### Valve Gate Injection Standard

### Valve Gate Injection Standard



### Tip Options



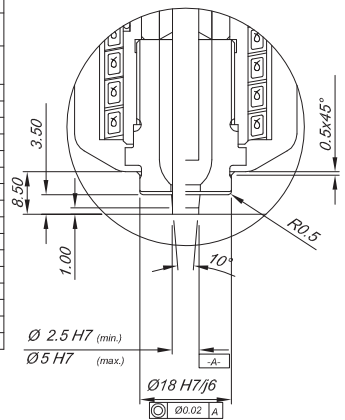


| Heater Cables Assembly Option |                            |
|-------------------------------|----------------------------|
| Back                          | Front<br>(Code Nozzle + F) |
|                               |                            |

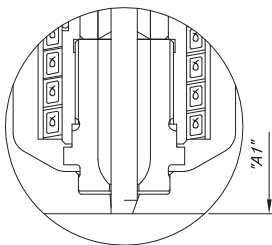
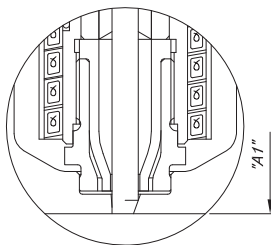
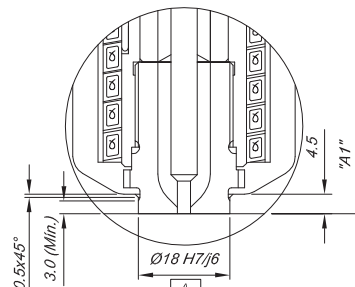
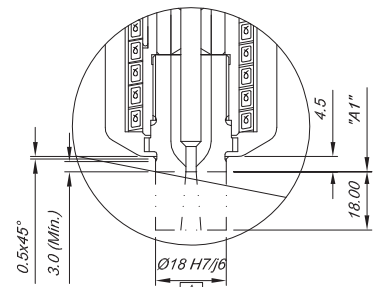
Nozzle Assembly Specification Components

|                               |       | Nozzle Assembly Specification Components |               |             |            |            |           |          |           |               |         |              |          |
|-------------------------------|-------|------------------------------------------|---------------|-------------|------------|------------|-----------|----------|-----------|---------------|---------|--------------|----------|
|                               |       | Code<br>Nozzle                           | Dimension "A" |             | Components |            |           |          |           |               |         |              |          |
|                               |       |                                          | Tips<br>PVM   | Tips<br>PMA | Body       | Shoulder   | Heater    | Jacket   | Tube      | Heater Spacer | Wattage | Thermocouple |          |
| Heater Cables Assembly Option | Back  | HVP16075-D                               | 75.00         | 71.00       | CBV16068-D | SBP16028-D | RBP14070  | ---      | ---       | ---           | 850W    | TMP01100     |          |
|                               |       | HVP16100-D                               | 100.00        | 96.00       |            |            | RHP14095  | JCT14050 | ---       | ---           | 690W    | TMP01120     |          |
|                               |       | HVP16125-D                               | 125.00        | 121.00      |            |            | RHP14120  | ---      | ---       | ---           | 760W    | TMP01140     |          |
|                               |       | HVP16150-D                               | 150.00        | 146.00      |            |            | RHP14145  | JCT14100 | ---       | ---           | 850W    | TMP01160     |          |
|                               |       | HVP16175-D                               | 175.00        | 171.00      |            |            | RHP14170  | ---      | ---       | ---           | 1100W   | TMP01180     |          |
|                               |       | HVP16200-D                               | 200.00        | 196.00      |            |            | RHP14195  | ---      | TUBO14145 | AEP14604      | 900W    | TMP01200     |          |
|                               |       | HVP16225-D                               | 225.00        | 221.00      |            |            | RHP14220  | JCT14051 | TUBO14170 | AEP14604      | 900W    | TMP01220     |          |
|                               |       | HVP16275-D                               | 275.00        | 271.00      |            |            | RHP14270  | ---      | TUBO14220 | AEP14604      | 1100W   | TMP01260     |          |
|                               | Front | HVP16075F-D                              | 75.00         | 71.00       |            |            | RBP14070F | ---      | ---       | ---           | ---     | 850W         | TMP01100 |
|                               |       | HVP16100F-D                              | 100.00        | 96.00       |            |            | RHP14095F | JCT14050 | ---       | ---           | ---     | 690W         | TMP01120 |
|                               |       | HVP16125F-D                              | 125.00        | 121.00      |            |            | RHP14120F | ---      | ---       | ---           | ---     | 760W         | TMP01140 |
|                               |       | HVP16150F-D                              | 150.00        | 146.00      |            |            | RHP14145F | JCT14100 | ---       | ---           | ---     | 850W         | TMP01160 |
|                               |       | HVP16175F-D                              | 175.00        | 171.00      |            |            | RHP14170F | ---      | ---       | ---           | ---     | 1100W        | TMP01180 |
|                               |       | HVP16200F-D                              | 200.00        | 196.00      |            |            | RHP14195F | ---      | TUBO14145 | AEP14604      | 900W    | TMP01200     |          |
|                               |       | HVP16225F-D                              | 225.00        | 221.00      |            |            | RHP14220F | JCT14051 | TUBO14170 | AEP14604      | 900W    | TMP01220     |          |
|                               |       | HVP16275F-D                              | 275.00        | 271.00      |            |            | RHP14270F | ---      | TUBO14220 | AEP14604      | 1100W   | TMP01260     |          |

Parallel Valve Pin Fit



## Tip Options

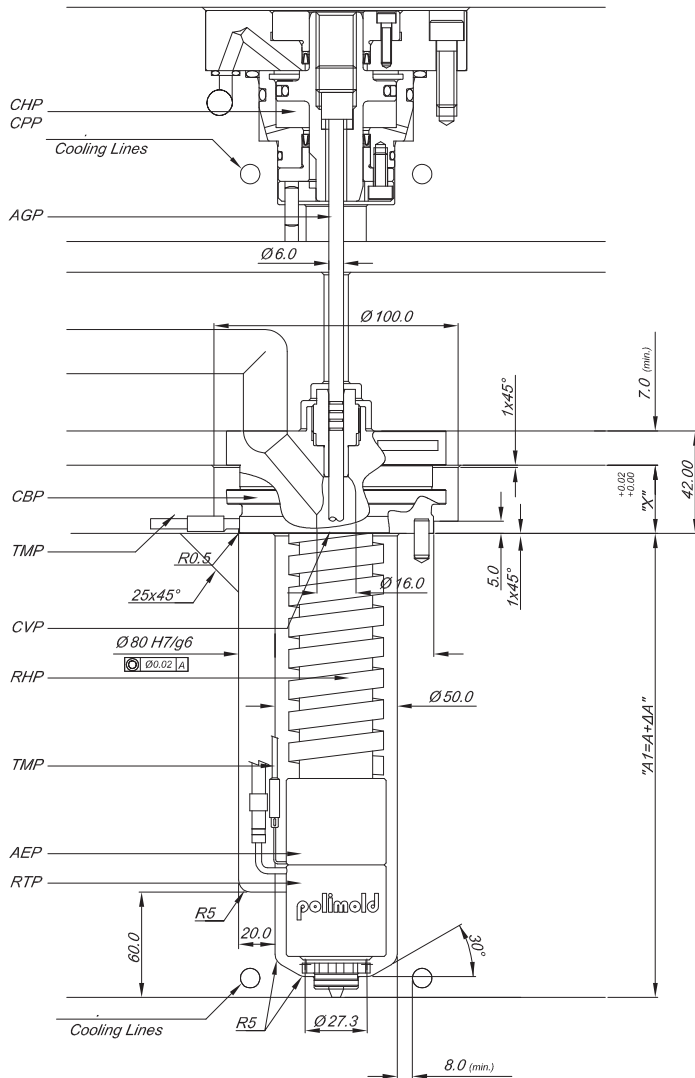
(PVM)  
Low Vestige(PVM)  
High Performance(PMA)  
Ring Style Tip(PMA)  
Ring Style Tip  
Extended

# Series V800

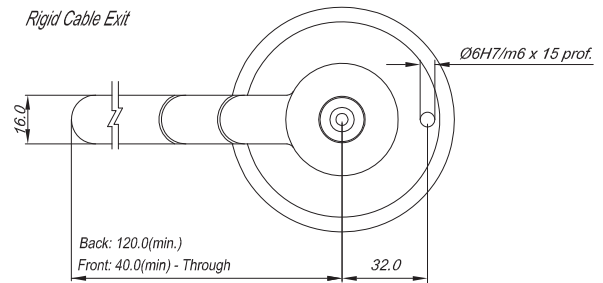
Polivalve Line

Valve Gate Injection Standard

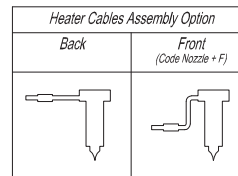
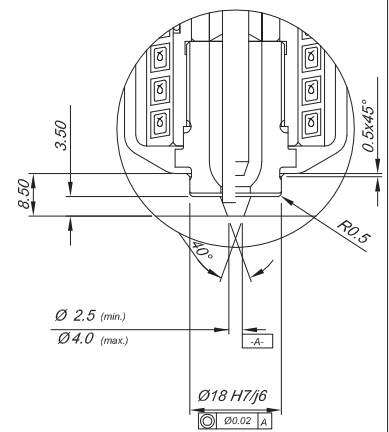
**polimold**  
INDUSTRIAL S.A.



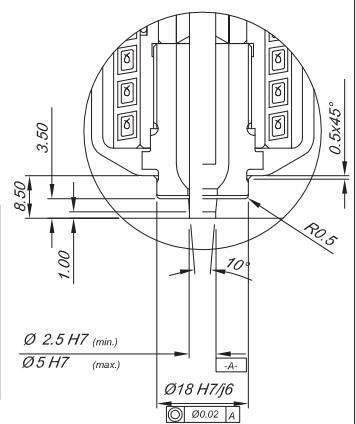
Rigid Cable Exit



Angular Valve Pin Fit



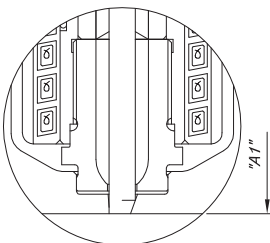
Parallel Valve Pin Fit



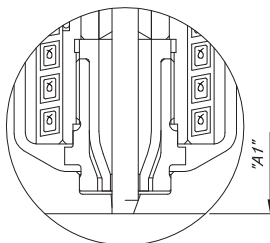
| Nozzle Assembly Specification Components |             |               |          |            |            |           |           |         |              |          |         |               |              |
|------------------------------------------|-------------|---------------|----------|------------|------------|-----------|-----------|---------|--------------|----------|---------|---------------|--------------|
| Heater Cables Assembly Option            | Code Nozzle | Dimension "A" |          | Components |            |           |           |         |              |          |         |               |              |
|                                          |             | Tips PVM      | Tips PMA | Body       | Shoulder   | Heater    | Tube      | Wattage | Thermocouple | Heater   | Wattage | Heater Spacer | Thermocouple |
|                                          |             |               |          |            |            |           |           |         |              |          |         |               |              |
| Back                                     | HVP16325-D  | 325.00        | 321.00   | CBV16068-D | SBP16028-D | RHP14220  | TUBO14220 | 900W    | TMP01300     | RTP14045 | 610W    | AEP14603-B    | TMP01080     |
|                                          | HVP16375-D  | 375.00        | 371.00   |            |            | RHP14270  | TUBO14270 | 1100W   | TMP01340     |          |         |               |              |
|                                          | HVP16425-D  | 425.00        | 421.00   |            |            | RHP14320  | TUBO14320 | 1100W   | TMP01380     |          |         |               |              |
|                                          | HVP16475-D  | 475.00        | 471.00   |            |            | RHP14370  | TUBO14370 | 1100W   | TMP01420     |          |         |               |              |
|                                          | HVP16325F-D | 325.00        | 321.00   |            |            | RHP14220F | TUBO14220 | 900W    | TMP01300     |          |         |               |              |
|                                          | HVP16375F-D | 375.00        | 371.00   |            |            | RHP14270F | TUBO14270 | 1100W   | TMP01340     |          |         |               |              |
|                                          | HVP16425F-D | 425.00        | 421.00   |            |            | RHP14320F | TUBO14320 | 1100W   | TMP01380     |          |         |               |              |
|                                          | HVP16475F-D | 475.00        | 471.00   |            |            | RHP14370F | TUBO14370 | 1100W   | TMP01420     |          |         |               |              |
| Front                                    | HVP16325-D  | 325.00        | 321.00   | CBV16068-D | SBP16028-D | RHP14220  | TUBO14220 | 900W    | TMP01300     | RTP14045 | 610W    | AEP14603-B    | TMP01080     |
|                                          | HVP16375-D  | 375.00        | 371.00   |            |            | RHP14270  | TUBO14270 | 1100W   | TMP01340     |          |         |               |              |
|                                          | HVP16425-D  | 425.00        | 421.00   |            |            | RHP14320  | TUBO14320 | 1100W   | TMP01380     |          |         |               |              |
|                                          | HVP16475-D  | 475.00        | 471.00   |            |            | RHP14370  | TUBO14370 | 1100W   | TMP01420     |          |         |               |              |
|                                          | HVP16325F-D | 325.00        | 321.00   |            |            | RHP14220F | TUBO14220 | 900W    | TMP01300     |          |         |               |              |
|                                          | HVP16375F-D | 375.00        | 371.00   |            |            | RHP14270F | TUBO14270 | 1100W   | TMP01340     |          |         |               |              |
|                                          | HVP16425F-D | 425.00        | 421.00   |            |            | RHP14320F | TUBO14320 | 1100W   | TMP01380     |          |         |               |              |
|                                          | HVP16475F-D | 475.00        | 471.00   |            |            | RHP14370F | TUBO14370 | 1100W   | TMP01420     |          |         |               |              |

## Tip Options

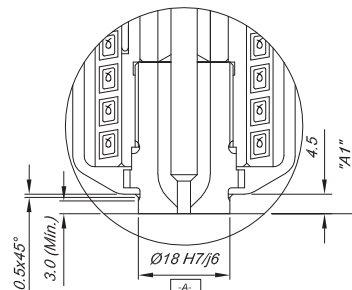
(PVM)  
Low Vestige



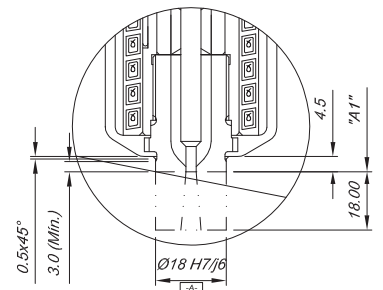
(PVM)  
High Performance

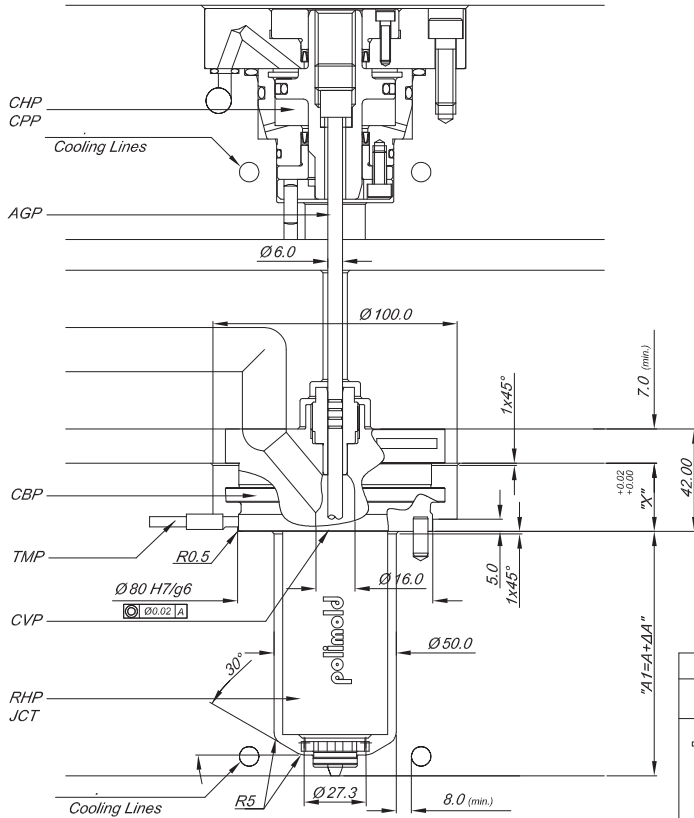


(PMA)  
Ring Style Tip

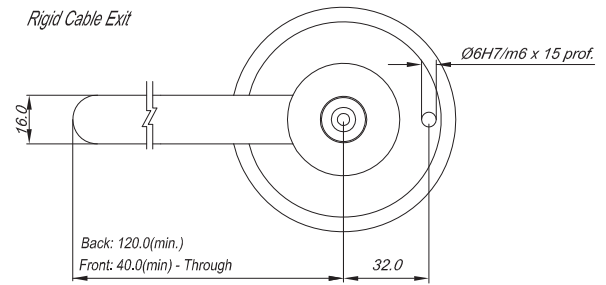


(PMA)  
Ring Style Tip  
Extended

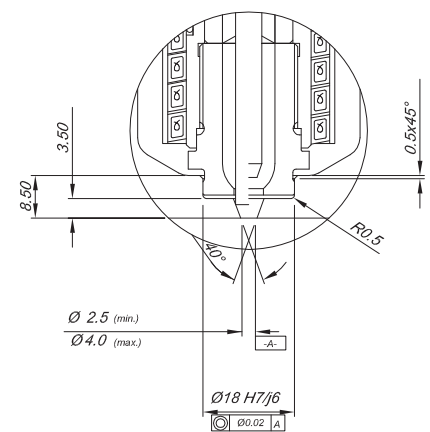




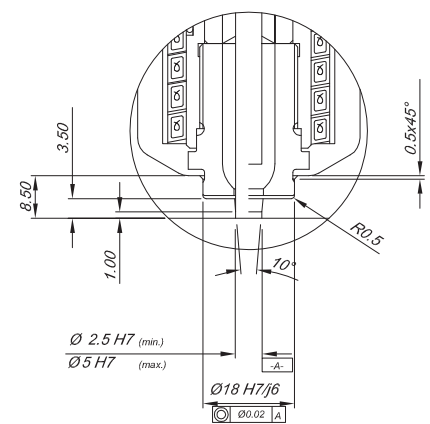
Rigid Cable Exit



Angular Valve Pin Fit



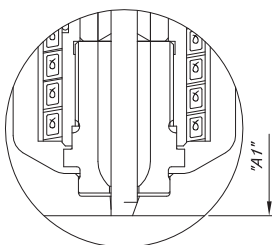
Parallel Valve Pin Fit



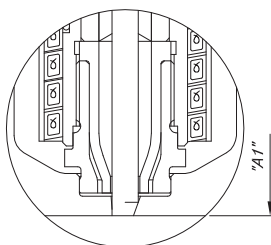
| Nozzle Assembly Specification Components |             |               |          |            |            |           |         |              |
|------------------------------------------|-------------|---------------|----------|------------|------------|-----------|---------|--------------|
|                                          | Code Nozzle | Dimension "A" |          | Components |            |           |         |              |
|                                          |             | Tips PVM      | Tips PMA | Body       | Shoulder   | Heater    | Wattage | Thermocouple |
|                                          |             |               |          |            |            |           |         |              |
| Heater Cables Assembly Option            | Back        | BVP16075-D    | 75.00    | CBV16068-D | SBP16028-D | RBP14070  | 850W    | TMP01100     |
|                                          |             | BVP16100-D    | 100.00   |            |            | RBP14095  | 1100W   | TMP01120     |
|                                          |             | BVP16125-D    | 125.00   |            |            | RBP14120  | 1100W   | TMP01140     |
|                                          |             | BVP16150-D    | 150.00   |            |            | RBP14145  | 1300W   | TMP01160     |
|                                          |             | BVP16175-D    | 175.00   |            |            | RBP14170  | 1300W   | TMP01180     |
|                                          | Front       | BVP16075F-D   | 75.00    |            |            | RBP14070F | 850W    | TMP01100     |
|                                          |             | BVP16100F-D   | 100.00   |            |            | RBP14095F | 1100W   | TMP01120     |
|                                          |             | BVP16125F-D   | 125.00   |            |            | RBP14120F | 1100W   | TMP01140     |
|                                          |             | BVP16150F-D   | 150.00   |            |            | RBP14145F | 1300W   | TMP01160     |
|                                          |             | BVP16175F-D   | 175.00   |            |            | RBP14170F | 1300W   | TMP01180     |

## Tip Options

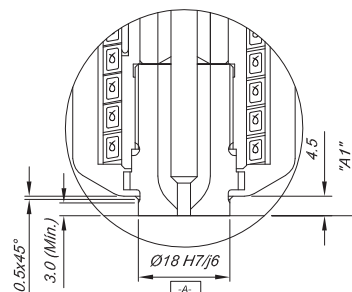
(PVM)  
Low Vestige



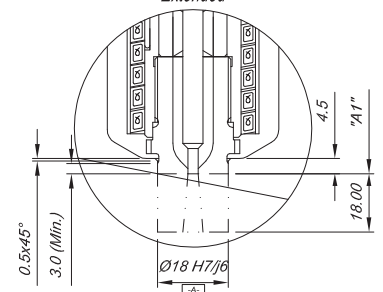
(PVM)  
High Performance

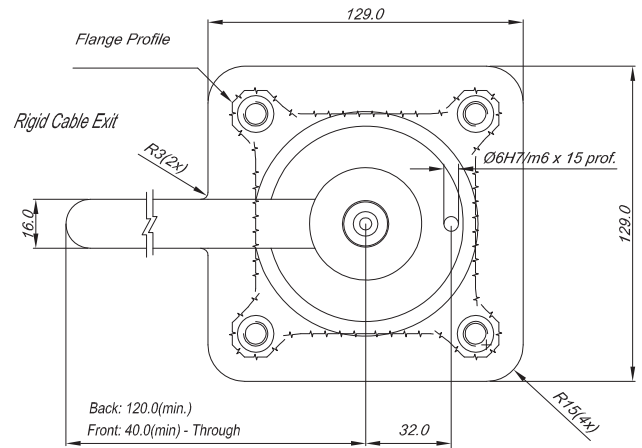
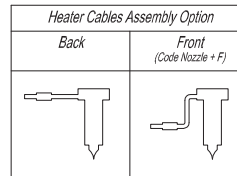
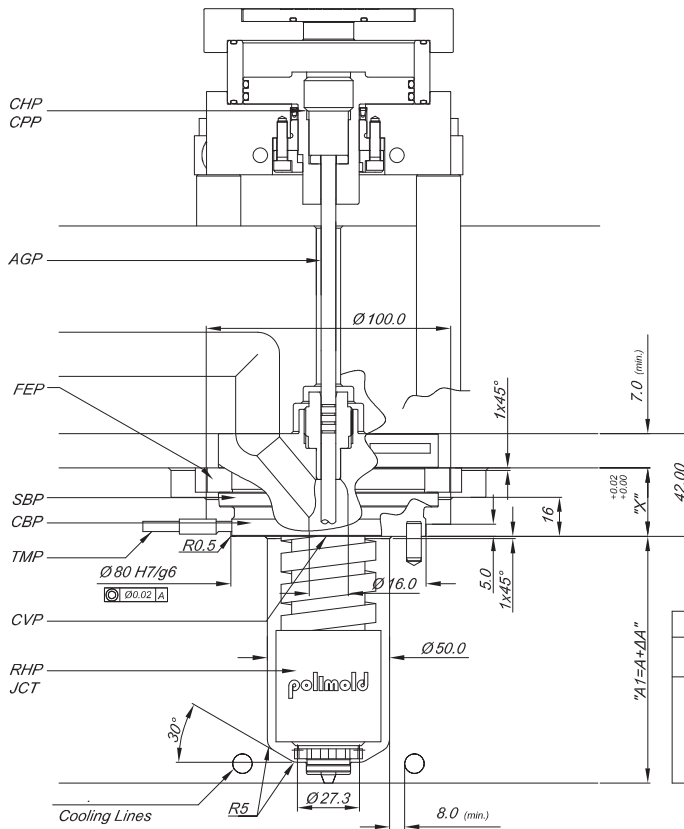


(PMA)  
Ring Style Tip

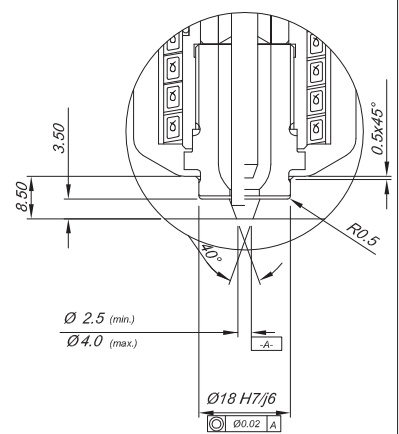


(PMA)  
Ring Style Tip  
Extended

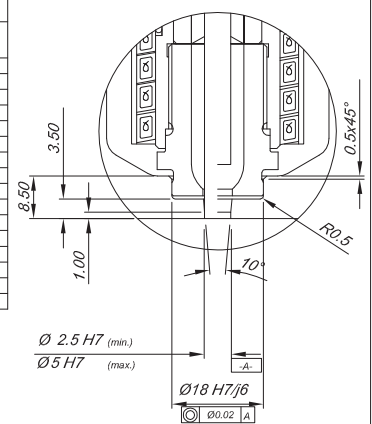




Angular Valve Pin Fit



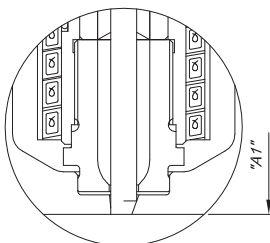
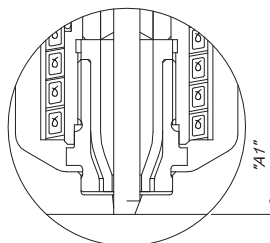
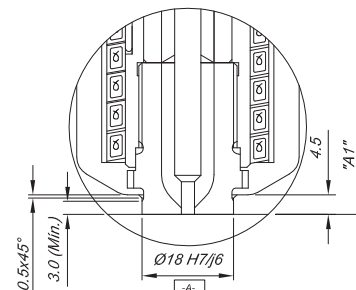
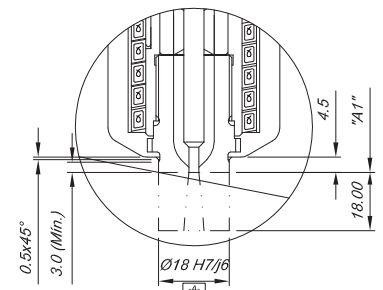
Parallel Valve Pin Fit



Nozzle Assembly Specification Components

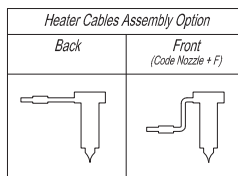
|                               |       | Nozzle Assembly Specification Components |               |             |            |            |            |           |           |            |               |          |              |
|-------------------------------|-------|------------------------------------------|---------------|-------------|------------|------------|------------|-----------|-----------|------------|---------------|----------|--------------|
|                               |       | Code<br>Nozzle                           | Dimension "A" |             | Components |            |            |           |           |            |               |          |              |
|                               |       |                                          | Tips<br>PVM   | Tips<br>PMA | Body       | Shoulder   | Flange     | Heater    | Jacket    | Tube       | Heater Spacer | Wattage  | Thermocouple |
| Heater Cables Assembly Option | Back  | HVE16075-D                               | 75.00         | 71.00       | CBV16068-D | SBP16028-D | FEP16010-D | RBP14070  | ---       | ---        | ---           | 850W     | TMP01100     |
|                               |       | HVE16100-D                               | 100.00        | 96.00       |            |            |            | RHP14095  | JCT14050  | ---        | ---           | 690W     | TMP01120     |
|                               |       | HVE16125-D                               | 125.00        | 121.00      |            |            |            | RHP14120  | JCT14100  | ---        | ---           | 760W     | TMP01140     |
|                               |       | HVE16150-D                               | 150.00        | 146.00      |            |            |            | RHP14145  |           | ---        | ---           | 850W     | TMP01160     |
|                               |       | HVE16175-D                               | 175.00        | 171.00      |            |            |            | RHP14170  |           | ---        | ---           | 1100W    | TMP01180     |
|                               |       | HVE16200-D                               | 200.00        | 196.00      |            |            |            | RHP14195  |           | TUBO14145  | AEP14604-B    | 900W     | TMP01200     |
|                               |       | HVE16225-D                               | 225.00        | 221.00      |            |            |            | RHP14220  | JCT14051  | TUBO14170  | AEP14604-B    | 900W     | TMP01220     |
|                               |       | HVE16275-D                               | 275.00        | 271.00      |            |            |            | RHP14270  | TUBO14220 | AEP14604-B | 1100W         | TMP01260 |              |
|                               | Front | HVE16075F-D                              | 75.00         | 71.00       | CBV16068-D | SBP16028-D | FEP16010-D | RBP14070F | ---       | ---        | ---           | 850W     | TMP01100     |
|                               |       | HVE16100F-D                              | 100.00        | 96.00       |            |            |            | RHP14095F | JCT14050  | ---        | ---           | 690W     | TMP01120     |
|                               |       | HVE16125F-D                              | 125.00        | 121.00      |            |            |            | RHP14120F | JCT14100  | ---        | ---           | 760W     | TMP01140     |
|                               |       | HVE16150F-D                              | 150.00        | 146.00      |            |            |            | RHP14145F |           | ---        | ---           | 850W     | TMP01160     |
|                               |       | HVE16175F-D                              | 175.00        | 171.00      |            |            |            | RHP14170F |           | ---        | ---           | 1100W    | TMP01180     |
|                               |       | HVE16200F-D                              | 200.00        | 196.00      |            |            |            | RHP14195F |           | TUBO14145  | AEP14604-B    | 900W     | TMP01200     |
|                               |       | HVE16225F-D                              | 225.00        | 221.00      |            |            |            | RHP14220F | JCT14051  | TUBO14170  | AEP14604-B    | 900W     | TMP01220     |
|                               |       | HVE16275F-D                              | 275.00        | 271.00      |            |            |            | RHP14270F | TUBO14220 | AEP14604-B | 1100W         | TMP01260 |              |

## Tip Options

(PVM)  
Low Vestige(PVM)  
High Performance(PMA)  
Ring Style Tip(PMA)  
Ring Style Tip  
Extended

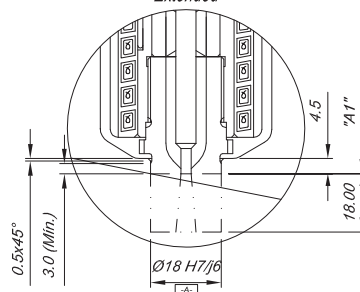


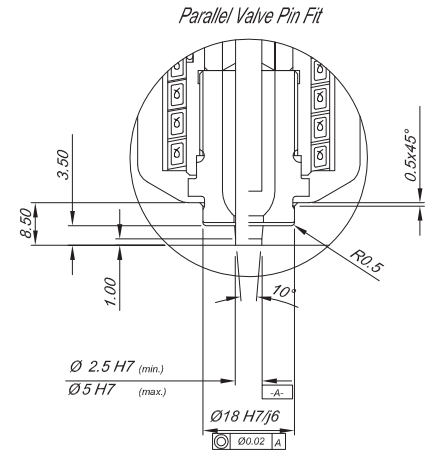
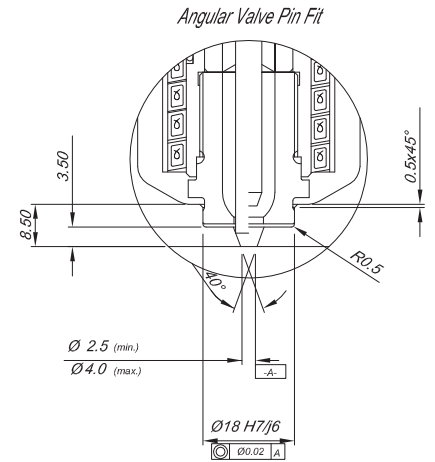
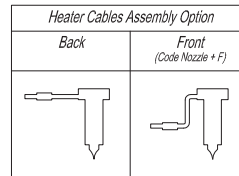
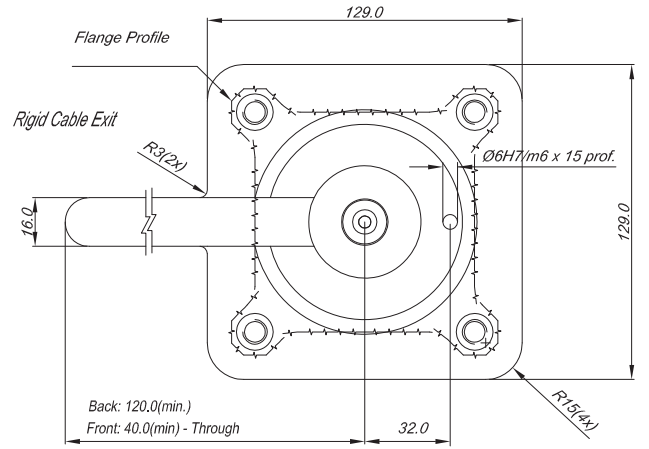
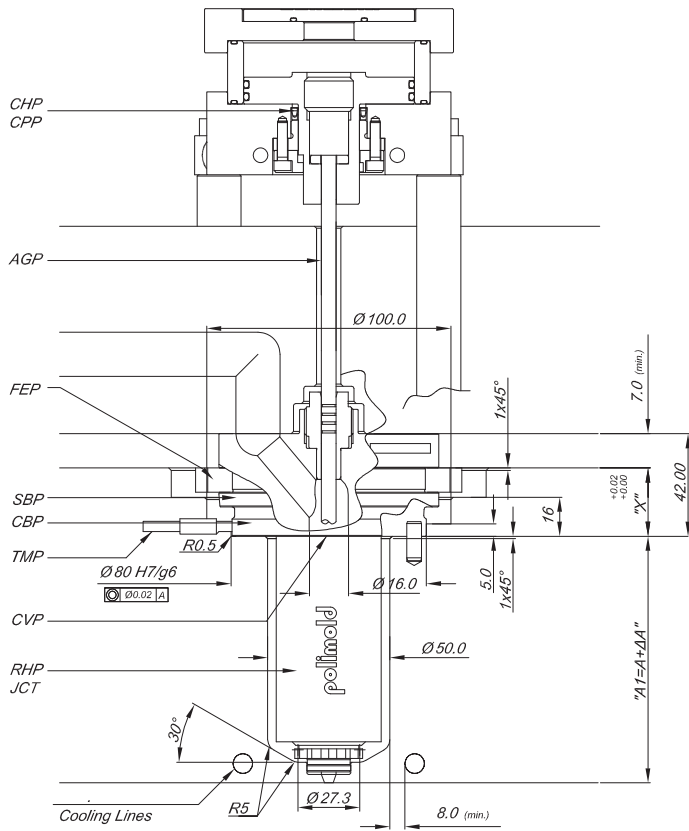
### Valve Gate Injection Standard



### Tip Options

*(PMA)  
Ring Style Tip  
Extended*

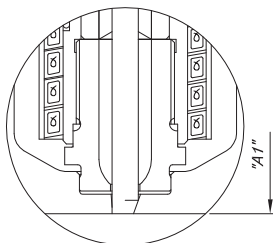




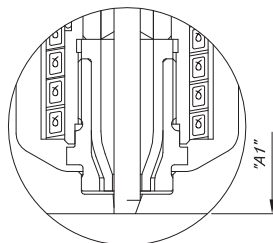
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|-------------------------------|-------|------------------------------------------|---------------|----------|------------|------------|-----------|---------|--------------|
|                               |       | Code Nozzle                              | Dimension "A" |          | Components |            |           |         |              |
|                               |       |                                          | Tips PVM      | Tips PMA | Body       | Shoulder   | Heater    | Wattage | Thermocouple |
| Heater Cables Assembly Option | Back  | BVE16075-D                               | 75.00         | 71.00    | CBV16068-D | SBP16028-D | RBP14070  | 850W    | TMP01100     |
|                               |       | BVE16100-D                               | 100.00        | 96.00    |            |            | RBP14095  | 1100W   | TMP01120     |
|                               |       | BVE16125-D                               | 125.00        | 121.00   |            |            | RBP14120  | 1100W   | TMP01140     |
|                               |       | BVE16150-D                               | 150.00        | 146.00   |            |            | RBP14145  | 1300W   | TMP01160     |
|                               |       | BVE16175-D                               | 175.00        | 171.00   |            |            | RBP14170  | 1300W   | TMP01180     |
|                               | Front | BVE16075F-D                              | 75.00         | 71.00    |            |            | RBP14070F | 850W    | TMP01100     |
|                               |       | BVE16100F-D                              | 100.00        | 96.00    |            |            | RBP14095F | 1100W   | TMP01120     |
|                               |       | BVE16125F-D                              | 125.00        | 121.00   |            |            | RBP14120F | 1100W   | TMP01140     |
|                               |       | BVE16150F-D                              | 150.00        | 146.00   |            |            | RBP14145F | 1300W   | TMP01160     |
|                               |       | BVE16175F-D                              | 175.00        | 171.00   |            |            | RBP14170F | 1300W   | TMP01180     |

## Tip Options

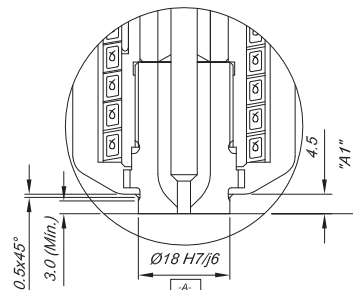
(PVM)  
Low Vestige



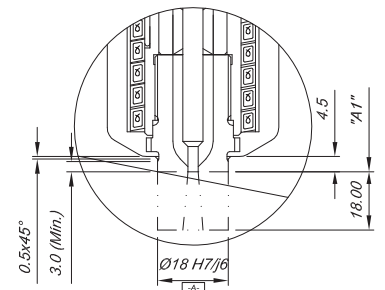
(PVM)  
High Performance

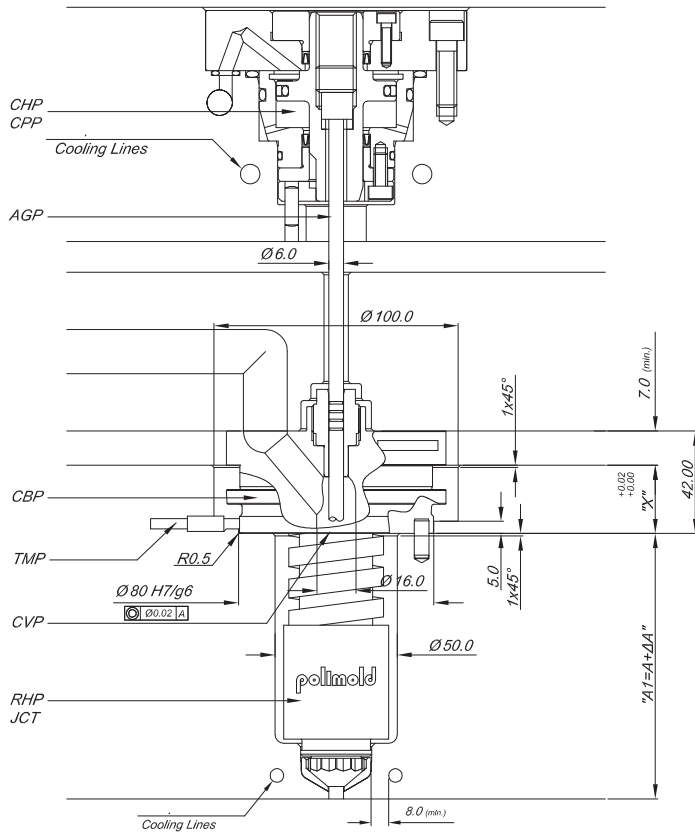


(PMA)  
Ring Style Tip

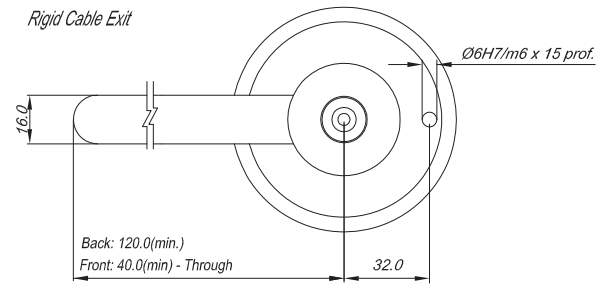


(PMA)  
Ring Style Tip  
Extended

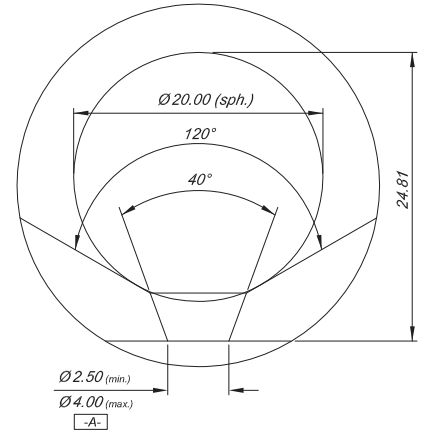




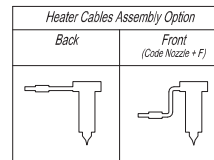
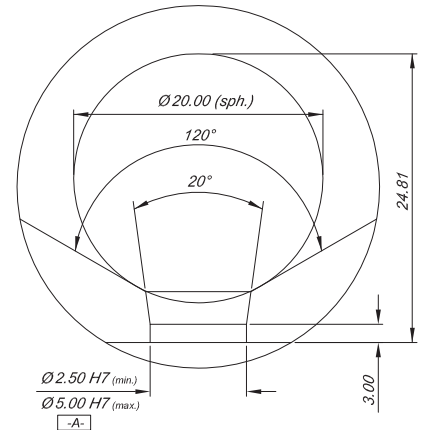
Rigid Cable Exit



Angular Valve Pin Fit

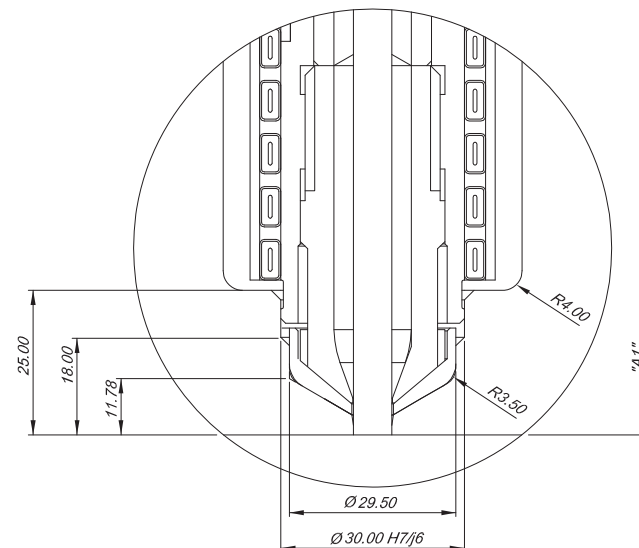


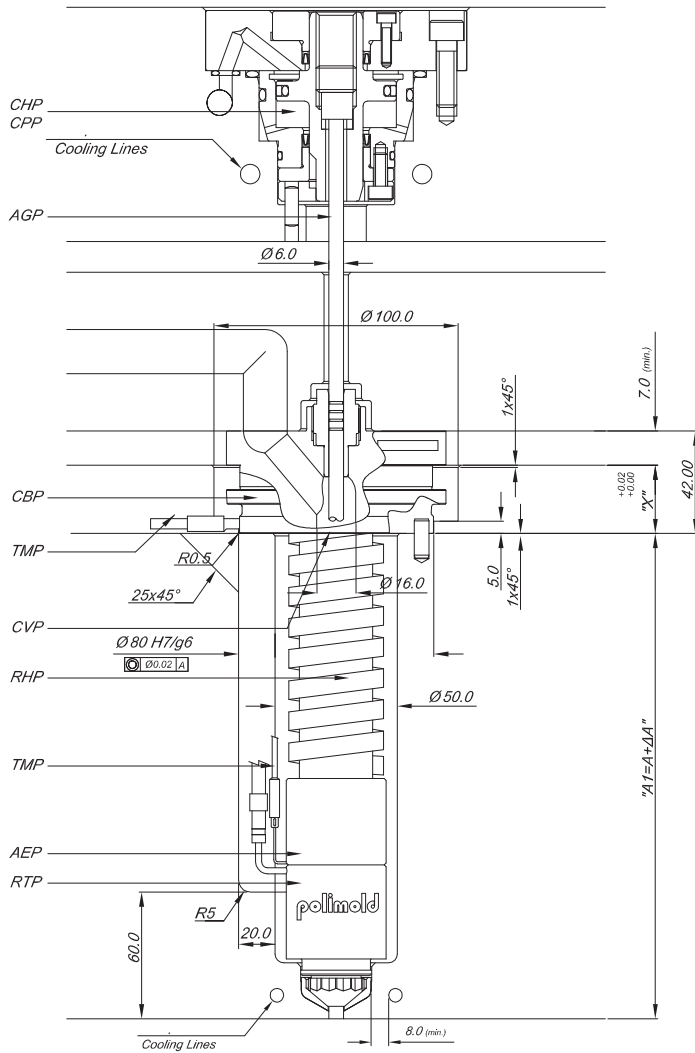
Parallel Valve Pin Fit



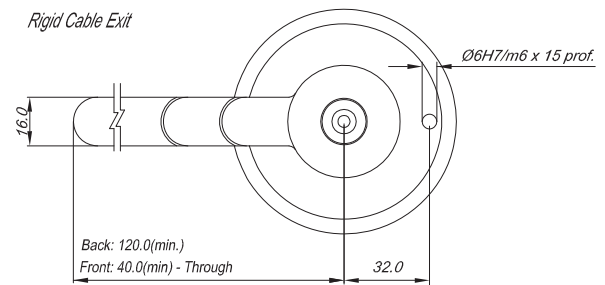
| Nozzle Assembly Specification Components |             |               |            |            |           |          |           |               |                      |
|------------------------------------------|-------------|---------------|------------|------------|-----------|----------|-----------|---------------|----------------------|
|                                          | Code Nozzle | Dimension "A" | Components |            |           |          |           |               |                      |
|                                          |             |               | Body       | Shoulder   | Heater    | Jacket   | Tube      | Heater Spacer | Wattage Thermocouple |
| Heater Cables Assembly Option            | Back        | HVT16075-D    | CBV16068-D | SBP16028-D | RBP14070  | ---      | ---       | ---           | 850W TMP01100        |
|                                          |             | HVT16100-D    |            |            | RHP14095  | JCT14050 | ---       | ---           | 690W TMP01120        |
|                                          |             | HVT16125-D    |            |            | RHP14120  | ---      | ---       | ---           | 760W TMP01140        |
|                                          |             | HVT16150-D    |            |            | RHP14145  | JCT14100 | ---       | ---           | 850W TMP01160        |
|                                          |             | HVT16175-D    |            |            | RHP14170  | ---      | ---       | ---           | 1100W TMP01180       |
|                                          |             | HVT16200-D    |            |            | RHP14195  | ---      | TUBO14145 | AEP14604      | 900W TMP01200        |
|                                          |             | HVT16225-D    |            |            | RHP14220  | JCT14051 | TUBO14170 | AEP14604      | 900W TMP01220        |
|                                          |             | HVT16275-D    |            |            | RHP14270  | ---      | TUBO14220 | AEP14604      | 1100W TMP01260       |
|                                          | Front       | HVT16075F-D   |            |            | RBP14070F | ---      | ---       | ---           | 850W TMP01100        |
|                                          |             | HVT16100F-D   |            |            | RHP14095F | JCT14050 | ---       | ---           | 690W TMP01120        |
|                                          |             | HVT16125F-D   |            |            | RHP14120F | ---      | ---       | ---           | 760W TMP01140        |
|                                          |             | HVT16150F-D   |            |            | RHP14145F | JCT14100 | ---       | ---           | 850W TMP01160        |
|                                          |             | HVT16175F-D   |            |            | RHP14170F | ---      | ---       | ---           | 1100W TMP01180       |
|                                          |             | HVT16200F-D   |            |            | RHP14195F | ---      | TUBO14145 | AEP14604      | 900W TMP01200        |
|                                          |             | HVT16225F-D   |            |            | RHP14220F | JCT14051 | TUBO14170 | AEP14604      | 900W TMP01220        |
|                                          |             | HVT16275F-D   |            |            | RHP14270F | ---      | TUBO14220 | AEP14604      | 1100W TMP01260       |

### Tip Options

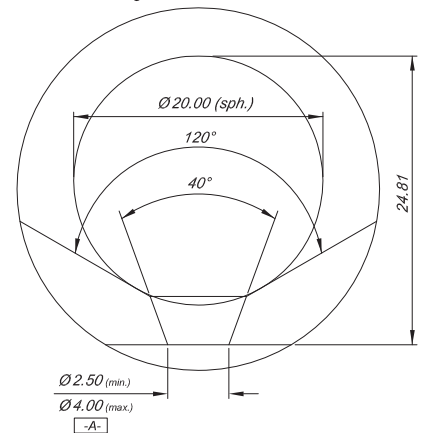




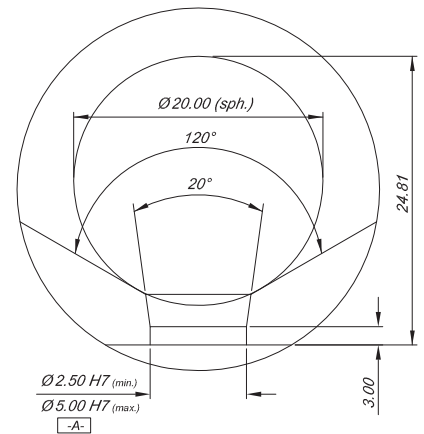
Rigid Cable Exit



Angular Valve Pin Fit



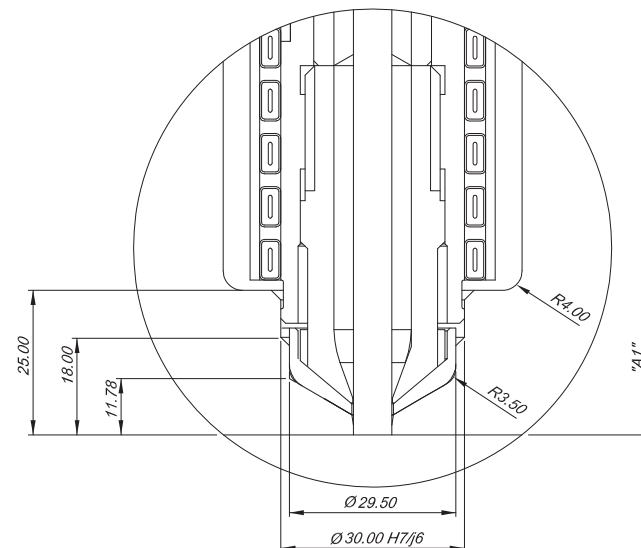
Parallel Valve Pin Fit

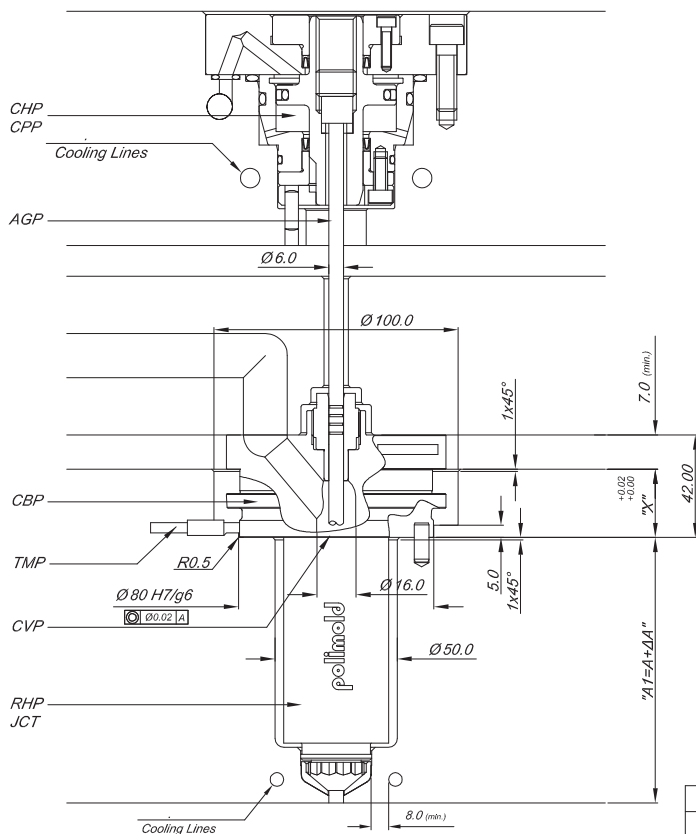


| Heater Cables Assembly Option |                            |  |  |
|-------------------------------|----------------------------|--|--|
| Back                          | Front<br>(Code Nozzle + F) |  |  |
|                               |                            |  |  |

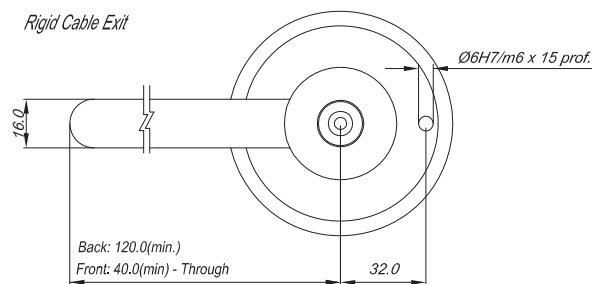
| Nozzle Assembly Specification Components |             |               |            |            |           |           |         |              |          |         |               |              |
|------------------------------------------|-------------|---------------|------------|------------|-----------|-----------|---------|--------------|----------|---------|---------------|--------------|
|                                          | Code Nozzle | Dimension "A" | Components |            |           |           |         |              |          |         |               |              |
|                                          |             |               | Body       | Shoulder   | Heater    | Tube      | Wattage | Thermocouple | Heater   | Wattage | Heater Spacer | Thermocouple |
| Heater Cables Assembly Option            | HVT16325-D  | 325.00        | CBV16068-D | SBP16028-D | RHP14220  | TUBO14220 | 900W    | TMP01300     | RTP14045 | 610W    | AEP14603-B    | TMP01080     |
|                                          | HVT16375-D  | 375.00        |            |            | RHP14270  | TUBO14270 | 1100W   | TMP01340     |          |         |               |              |
|                                          | HVT16425-D  | 425.00        |            |            | RHP14320  | TUBO14320 | 1100W   | TMP01380     |          |         |               |              |
|                                          | HVT16475-D  | 475.00        |            |            | RHP14370  | TUBO14370 | 1100W   | TMP01420     |          |         |               |              |
|                                          | HVT16325-F  | 325.00        |            |            | RHP14220F | TUBO14220 | 900W    | TMP01300     |          |         |               |              |
|                                          | HVT16375-F  | 375.00        |            |            | RHP14270F | TUBO14270 | 1100W   | TMP01340     |          |         |               |              |
|                                          | HVT16425-F  | 425.00        |            |            | RHP14320F | TUBO14320 | 1100W   | TMP01380     |          |         |               |              |
|                                          | HVT16475-F  | 475.00        |            |            | RHP14370F | TUBO14370 | 1100W   | TMP01420     |          |         |               |              |

Tip Options

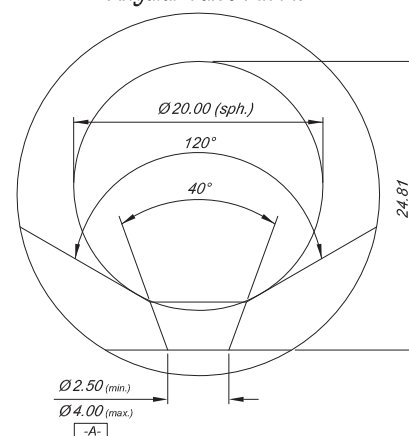




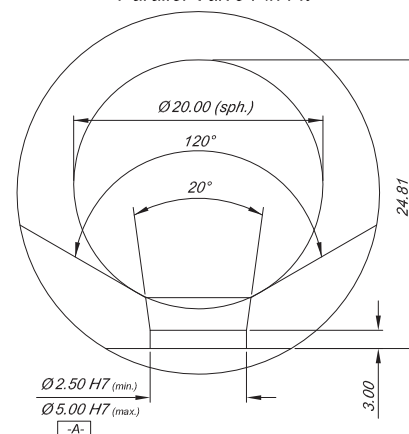
Rigid Cable Exit



Angular Valve Pin Fit



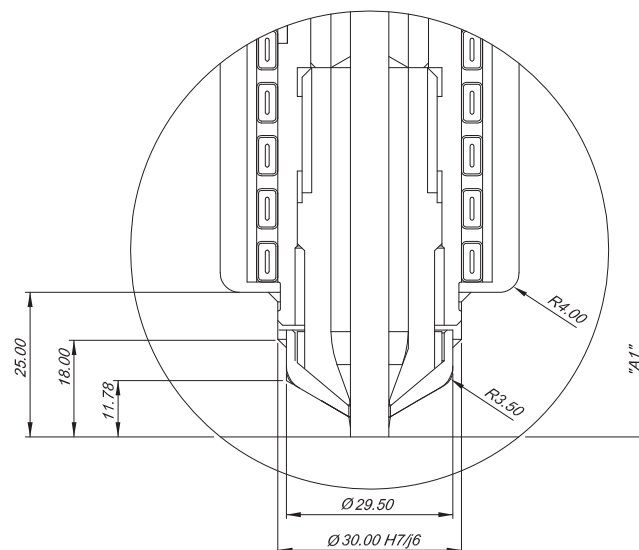
Parallel Valve Pin Fit

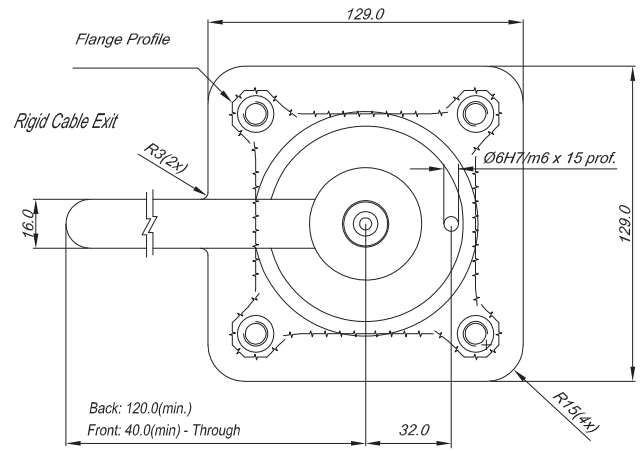
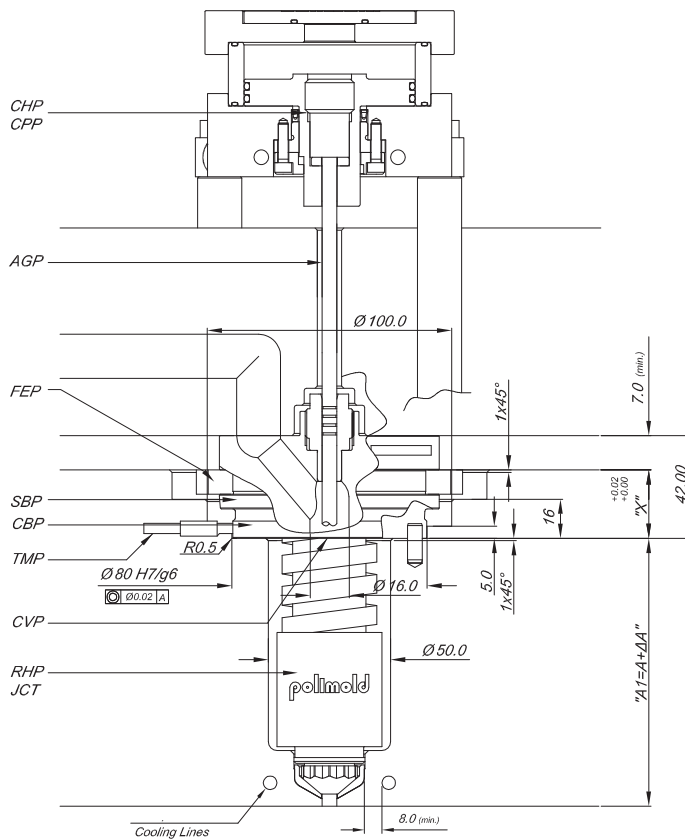


| Heater Cables Assembly Option |                            |
|-------------------------------|----------------------------|
| Back                          | Front<br>(Code Nozzle + F) |
|                               |                            |

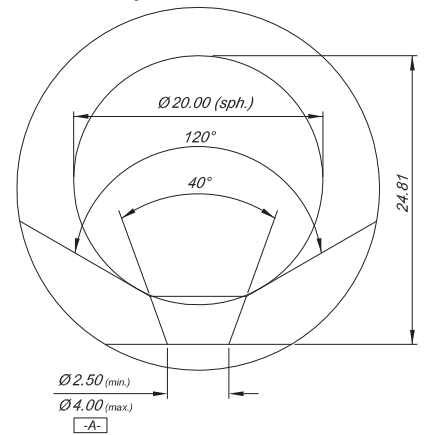
|                                  |       | Nozzle Assembly Specification Components |                  |            |            |           |         |              |
|----------------------------------|-------|------------------------------------------|------------------|------------|------------|-----------|---------|--------------|
|                                  |       | Code<br>Nozzle                           | Dimension<br>"A" | Components |            |           |         |              |
|                                  |       |                                          |                  | Body       | Shoulder   | Heater    | Wattage | Thermocouple |
| Heater Cables<br>Assembly Option | Back  | BVT16075-D                               | 75.00            | CBV16068-D | SBP16028-D | RBP14070  | 850W    | TMP01100     |
|                                  |       | BVT16100-D                               | 100.00           |            |            | RBP14095  | 1100W   | TMP01120     |
|                                  |       | BVT16125-D                               | 125.00           |            |            | RBP14120  | 1100W   | TMP01140     |
|                                  |       | BVT16150-D                               | 150.00           |            |            | RBP14145  | 1300W   | TMP01160     |
|                                  |       | BVT16175-D                               | 175.00           |            |            | RBP14170  | 1300W   | TMP01180     |
|                                  | Front | BVT16075F-D                              | 75.00            |            |            | RBP14070F | 850W    | TMP01100     |
|                                  |       | BVT16100F-D                              | 100.00           |            |            | RBP14095F | 1100W   | TMP01120     |
|                                  |       | BVT16125F-D                              | 125.00           |            |            | RBP14120F | 1100W   | TMP01140     |
|                                  |       | BVT16150F-D                              | 150.00           |            |            | RBP14145F | 1300W   | TMP01160     |
|                                  |       | BVT16175F-D                              | 175.00           |            |            | RBP14170F | 1300W   | TMP01180     |
|                                  |       |                                          |                  |            |            |           |         |              |
|                                  |       |                                          |                  |            |            |           |         |              |

## Tip Options

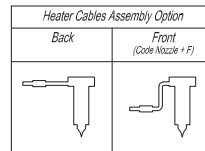
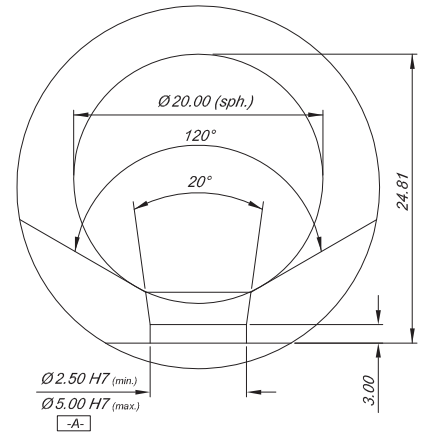




Angular Valve Pin Fit

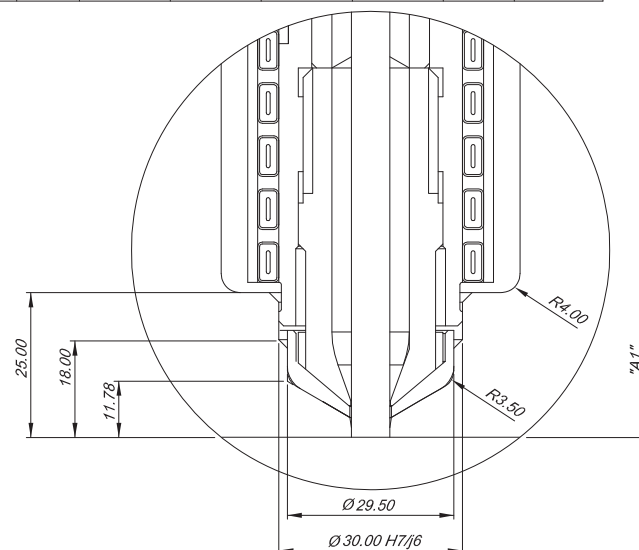


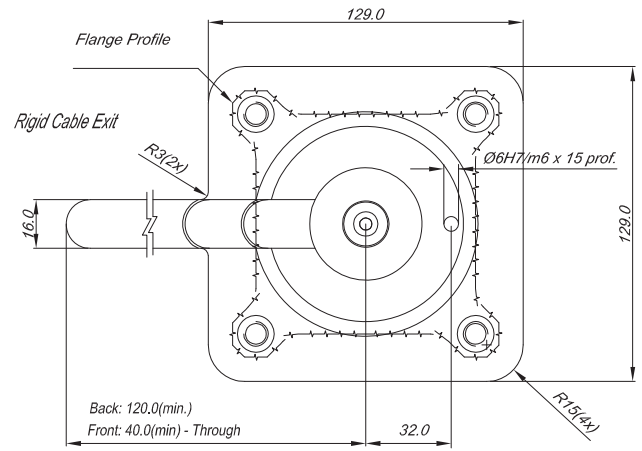
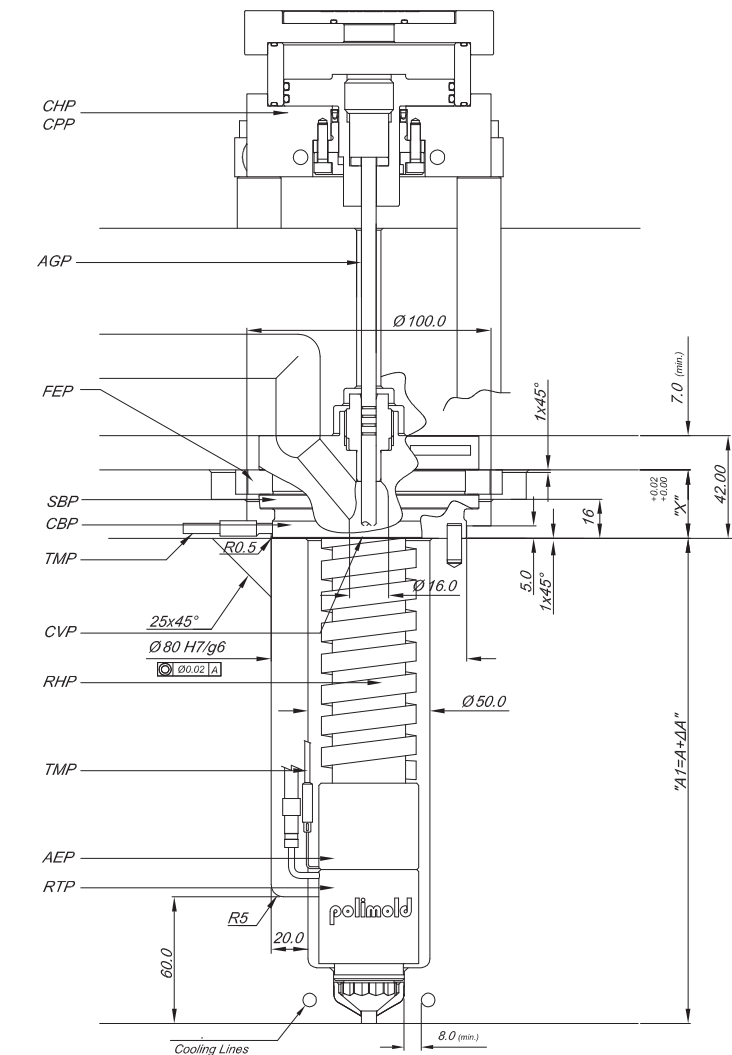
Parallel Valve Pin Fit



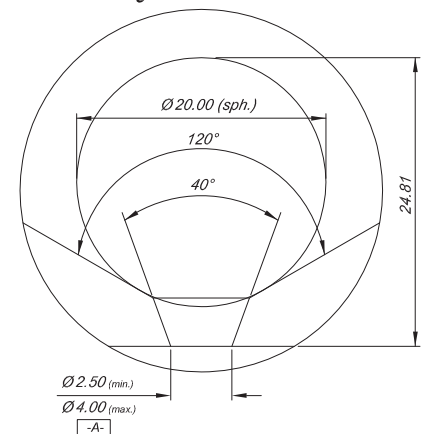
| Nozzle Assembly Specification Components |             |               |            |            |            |           |          |           |               |         |              |
|------------------------------------------|-------------|---------------|------------|------------|------------|-----------|----------|-----------|---------------|---------|--------------|
|                                          | Code Nozzle | Dimension "A" | Components |            |            |           |          |           |               |         | Thermocouple |
|                                          |             |               | Body       | Shoulder   | Flange     | Heater    | Jacket   | Tube      | Heater Spacer | Wattage |              |
| Heater Cables Assembly Option            | HVH16075-D  | 75.00         | CBV16088-D | SBP16028-D | FEP16010-D | RBP14070  | ---      | ---       | ---           | 850W    | TMP01100     |
|                                          | HVH16100-D  | 100.00        |            |            |            | RHP14095  | JCT14050 | ---       | ---           | 690W    | TMP01120     |
|                                          | HVH16125-D  | 125.00        |            |            |            | RHP14120  | ---      | ---       | ---           | 760W    | TMP01140     |
|                                          | HVH16150-D  | 150.00        |            |            |            | RHP14145  | JCT14100 | ---       | ---           | 850W    | TMP01160     |
|                                          | HVH16175-D  | 175.00        |            |            |            | RHP14170  | ---      | ---       | ---           | 1100W   | TMP01180     |
|                                          | HVH16200-D  | 200.00        |            |            |            | RHP14195  | ---      | TUBO14145 | AEP14604      | 900W    | TMP01200     |
|                                          | HVH16225-D  | 225.00        |            |            |            | RHP14220  | JCT14051 | TUBO14170 | AEP14604      | 900W    | TMP01220     |
|                                          | HVH16275-D  | 275.00        |            |            |            | RHP14270  | ---      | TUBO14220 | AEP14604      | 1100W   | TMP01260     |
|                                          | HVH16075F-D | 75.00         |            |            |            | RBP14070F | ---      | ---       | ---           | 850W    | TMP01100     |
|                                          | HVH16100F-D | 100.00        |            |            |            | RHP14095F | JCT14050 | ---       | ---           | 690W    | TMP01120     |
|                                          | HVH16125F-D | 125.00        |            |            |            | RHP14120F | ---      | ---       | ---           | 760W    | TMP01140     |
|                                          | HVH16150F-D | 150.00        |            |            |            | RHP14145F | JCT14100 | ---       | ---           | 850W    | TMP01160     |
|                                          | HVH16175F-D | 175.00        |            |            |            | RHP14170F | ---      | ---       | ---           | 1100W   | TMP01180     |
|                                          | HVH16200F-D | 200.00        |            |            |            | RHP14195F | ---      | TUBO14145 | AEP14604      | 900W    | TMP01200     |
|                                          | HVH16225F-D | 225.00        |            |            |            | RHP14220F | JCT14051 | TUBO14170 | AEP14604      | 900W    | TMP01220     |
|                                          | HVH16275F-D | 275.00        |            |            |            | RHP14270F | ---      | TUBO14220 | AEP14604      | 1100W   | TMP01260     |

## Tip Options

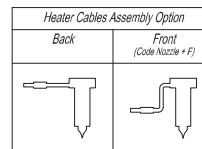
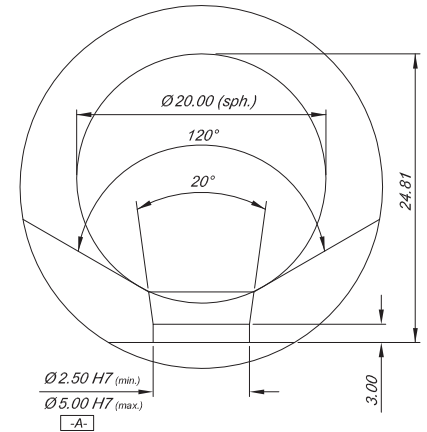




Angular Valve Pin Fit

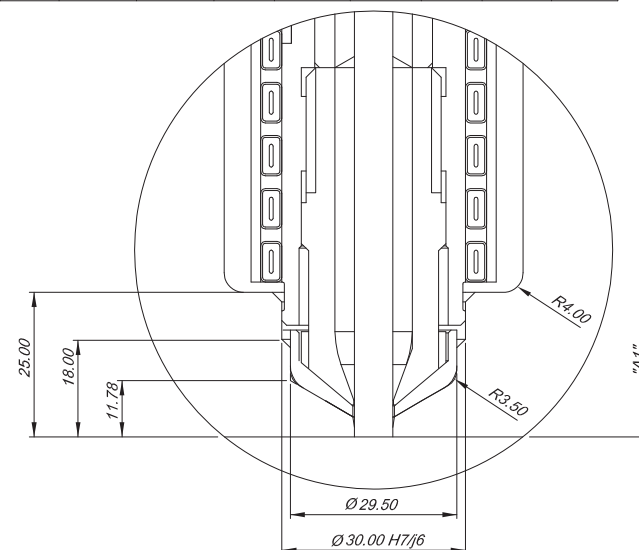


Parallel Valve Pin Fit

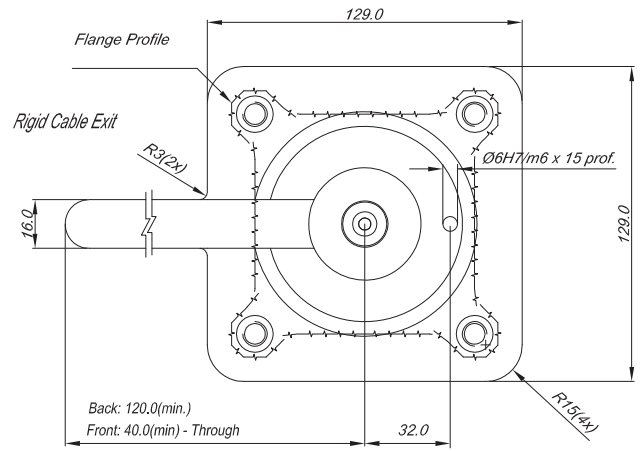
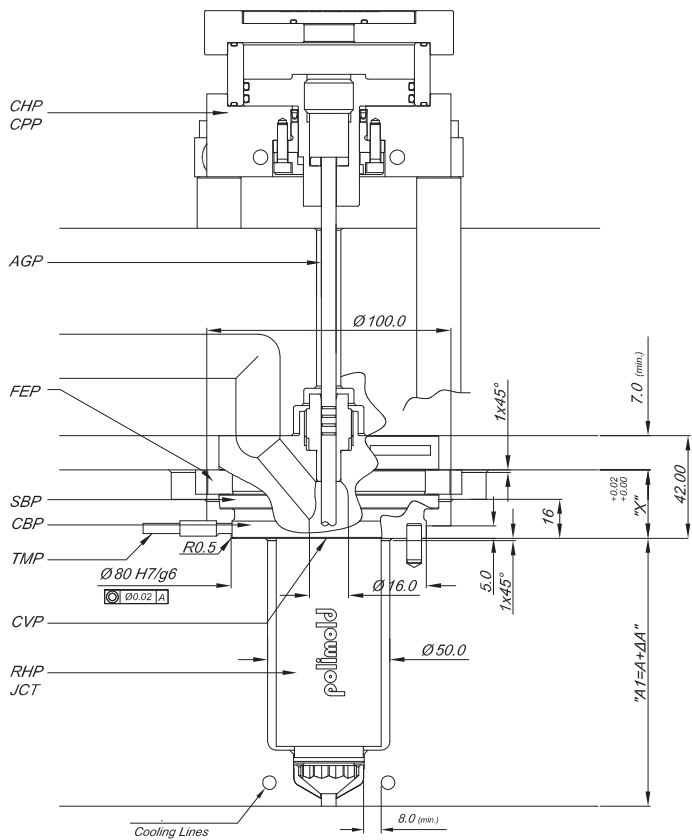


| Nozzle Assembly Specification Components |       |             |               |            |            |            |           |           |         |              |          |         |               |              |
|------------------------------------------|-------|-------------|---------------|------------|------------|------------|-----------|-----------|---------|--------------|----------|---------|---------------|--------------|
|                                          |       | Code Nozzle | Dimension "A" | Components |            |            |           |           |         |              |          |         |               |              |
|                                          |       |             |               | Body       | Shoulder   | Flange     | Heater    | Tube      | Wattage | Thermocouple | Heater   | Wattage | Heater Spacer | Thermocouple |
| Heater Cables Assembly Option            | Back  | HVH16325-D  | 325.00        | CBV16008-D | SBP16028-D | FEP16010-D | RHP14220  | TUBO14220 | 900W    | TMP01300     | RTP14045 | 610W    | AEP14603-B    | TMP01080     |
|                                          |       | HVH16375-D  | 375.00        |            |            |            | RHP14270  | TUBO14270 | 1100W   | TMP01340     |          |         |               |              |
|                                          |       | HVH16425-D  | 425.00        |            |            |            | RHP14320  | TUBO14320 | 1100W   | TMP01380     |          |         |               |              |
|                                          |       | HVH16475-D  | 475.00        |            |            |            | RHP14370  | TUBO14370 | 1100W   | TMP01420     |          |         |               |              |
|                                          | Front | HVH16325F-D | 325.00        |            |            |            | RHP14220F | TUBO14220 | 900W    | TMP01300     |          |         |               |              |
|                                          |       | HVH16375F-D | 375.00        |            |            |            | RHP14270F | TUBO14270 | 1100W   | TMP01340     |          |         |               |              |
|                                          |       | HVH16425F-D | 425.00        |            |            |            | RHP14320F | TUBO14320 | 1100W   | TMP01380     |          |         |               |              |
|                                          |       | HVH16475F-D | 475.00        |            |            |            | RHP14370F | TUBO14370 | 1100W   | TMP01420     |          |         |               |              |

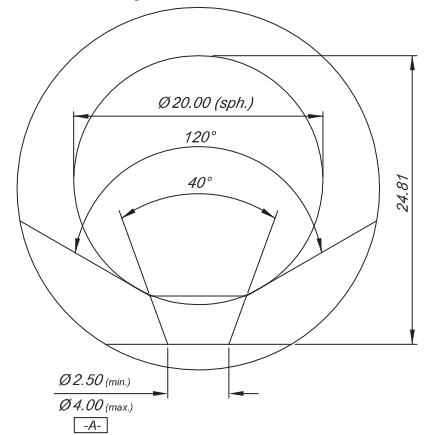
Tip Options



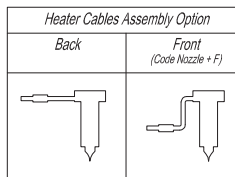
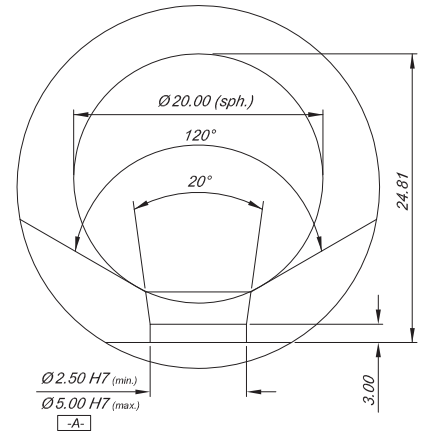




Angular Valve Pin Fit

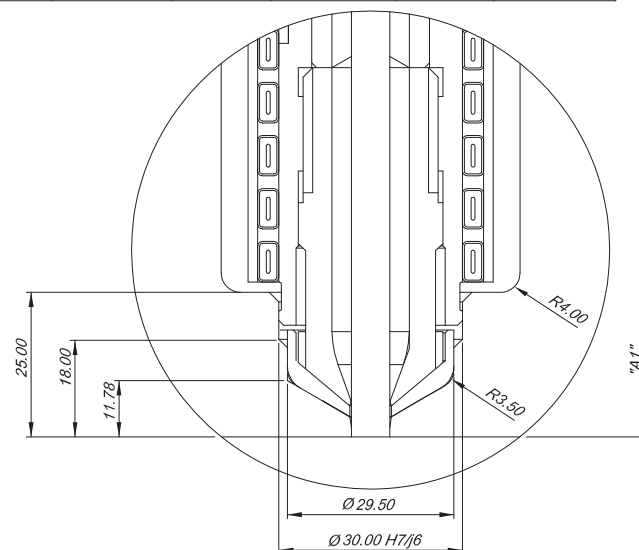


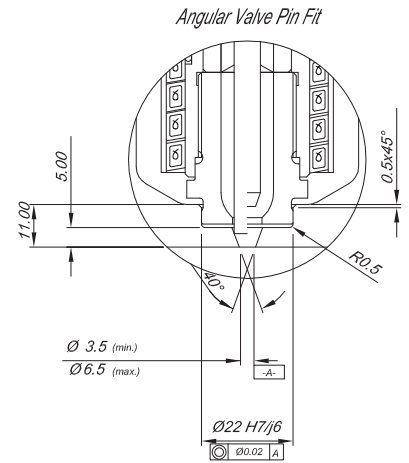
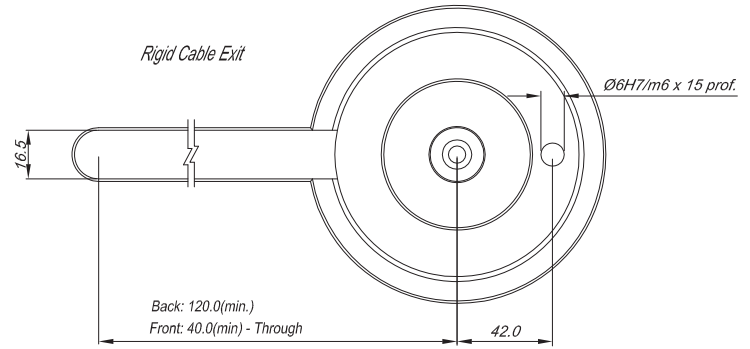
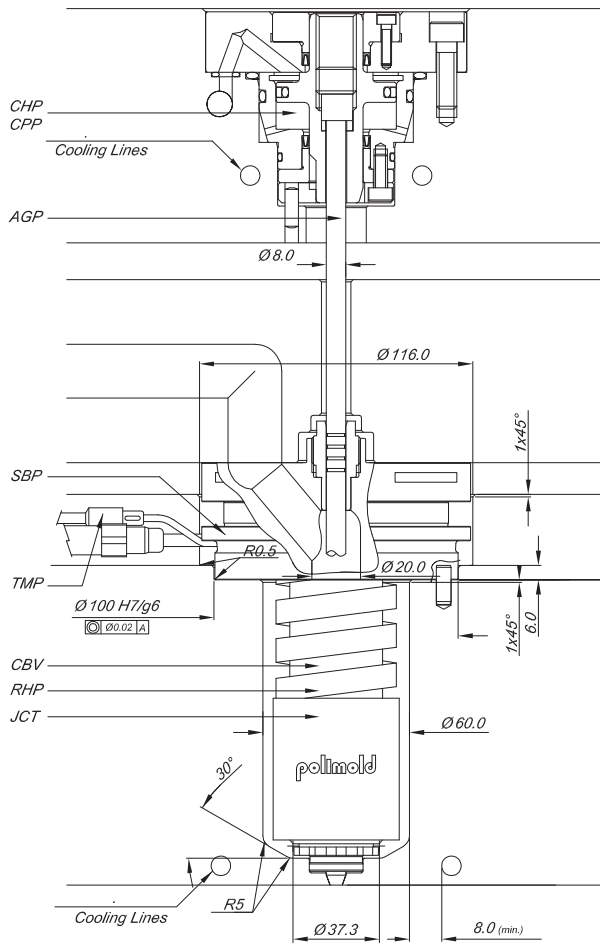
Parallel Valve Pin Fit



|                                  |       | Nozzle Assembly Specification Components |                  |            |            |           |         |              |
|----------------------------------|-------|------------------------------------------|------------------|------------|------------|-----------|---------|--------------|
|                                  |       | Code<br>Nozzle                           | Dimension<br>"A" | Components |            |           |         |              |
|                                  |       |                                          |                  | Body       | Shoulder   | Heater    | Wattage | Thermocouple |
| Heater Cables<br>Assembly Option | Back  | BVH16075-D                               | 75.00            | CBV16068-D | SBP16028-D | RBP14070  | 850W    | TMP01100     |
|                                  |       | BVH16100-D                               | 100.00           |            |            | RBP14095  | 1100W   | TMP01120     |
|                                  |       | BVH16125-D                               | 125.00           |            |            | RBP14120  | 1100W   | TMP01140     |
|                                  |       | BVH16150-D                               | 150.00           |            |            | RBP14145  | 1300W   | TMP01160     |
|                                  |       | BVH16175-D                               | 175.00           |            |            | RBP14170  | 1300W   | TMP01180     |
|                                  | Front | BVH16075F-D                              | 75.00            |            |            | RBP14070F | 850W    | TMP01100     |
|                                  |       | BVH16100F-D                              | 100.00           |            |            | RBP14095F | 1100W   | TMP01120     |
|                                  |       | BVH16125F-D                              | 125.00           |            |            | RBP14120F | 1100W   | TMP01140     |
|                                  |       | BVH16150F-D                              | 150.00           |            |            | RBP14145F | 1300W   | TMP01160     |
|                                  |       | BVH16175F-D                              | 175.00           |            |            | RBP14170F | 1300W   | TMP01180     |
|                                  |       |                                          |                  |            |            |           |         |              |
|                                  |       |                                          |                  |            |            |           |         |              |

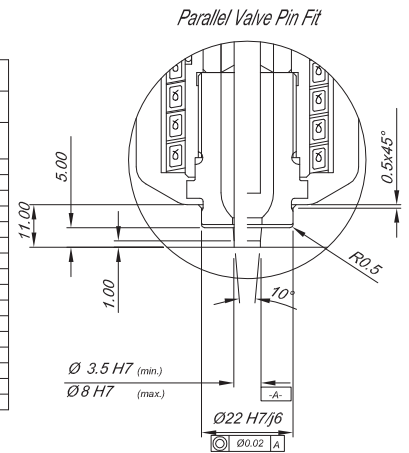
### Tip Options





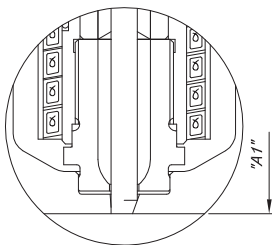
| Heater Cables Assembly Option                                                       |                                                                                      |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Back                                                                                | Front<br>(Code Nozzle + F)                                                           |
|  |  |

| Nozzle Assembly Specification Components |             |               |          |        |            |            |          |           |               |         |
|------------------------------------------|-------------|---------------|----------|--------|------------|------------|----------|-----------|---------------|---------|
|                                          | Code Nozzle | Dimension "A" |          | Body   | Shoulder   | Components |          |           |               |         |
|                                          |             | Tips PVM      | Tips PMA |        |            | Heater     | Jacket   | Tube      | Heater Spacer | Wattage |
| Heater Cables Assembly Option            | Back        | HVP20112-D    | 112.50   | 107.00 | CBV20085-D | RJP18102   | JCT18100 | ---       | ---           | 1100W   |
|                                          |             | HVP20137-D    | 137.50   | 132.00 |            | RHP18127   | JCT18100 | ---       | ---           | 1100W   |
|                                          |             | HVP20162-D    | 162.50   | 157.00 |            | RHP18153   | JCT18100 | ---       | ---           | 1100W   |
|                                          |             | HVP20187-D    | 187.50   | 182.00 |            | RHP18178   | JCT18100 | ---       | ---           | 1100W   |
|                                          |             | HVP20212-D    | 212.50   | 207.00 |            | RHP18203   | JCT18051 | TUBO18153 | AEP20604-B    | 1100W   |
|                                          |             | HVP20237-D    | 237.50   | 232.00 |            | RHP18229   | JCT18051 | TUBO18179 | AEP20604-B    | 1100W   |
|                                          |             | HVP20262-D    | 262.50   | 257.00 |            | RHP18254   | JCT18051 | TUBO18204 | AEP20604-B    | 1100W   |
|                                          |             | HVP20300-D    | 300.00   | 294.50 |            | RHP18293   | JCT18051 | TUBO18243 | AEP20604-B    | 1100W   |
|                                          |             | HVP20112F-D   | 112.50   | 107.00 |            | RJP18102F  | JCT18100 | ---       | ---           | 1100W   |
|                                          |             | HVP20137F-D   | 137.50   | 132.00 |            | RHP18127F  | JCT18100 | ---       | ---           | 1100W   |
|                                          | Front       | HVP20162F-D   | 162.50   | 157.00 |            | RHP18153F  | JCT18100 | ---       | ---           | 1100W   |
|                                          |             | HVP20187F-D   | 187.50   | 182.00 |            | RHP18178F  | JCT18100 | ---       | ---           | 1100W   |
|                                          |             | HVP20212F-D   | 212.50   | 207.00 |            | RHP18203F  | JCT18051 | TUBO18153 | AEP20604-B    | 1100W   |
|                                          |             | HVP20237F-D   | 237.50   | 232.00 |            | RHP18229F  | JCT18051 | TUBO18179 | AEP20604-B    | 1100W   |
|                                          |             | HVP20262F-D   | 262.50   | 257.00 |            | RHP18254F  | JCT18051 | TUBO18204 | AEP20604-B    | 1100W   |
|                                          |             | HVP20300F-D   | 300.00   | 294.50 |            | RHP18293F  | JCT18051 | TUBO18243 | AEP20604-B    | 1100W   |
|                                          |             | HVP20112F-D   | 112.50   | 107.00 |            | RJP18102F  | JCT18100 | ---       | ---           | 1100W   |
|                                          |             | HVP20137F-D   | 137.50   | 132.00 |            | RHP18127F  | JCT18100 | ---       | ---           | 1100W   |
|                                          |             | HVP20162F-D   | 162.50   | 157.00 |            | RHP18153F  | JCT18100 | ---       | ---           | 1100W   |
|                                          |             | HVP20187F-D   | 187.50   | 182.00 |            | RHP18178F  | JCT18100 | ---       | ---           | 1100W   |
|                                          |             | HVP20212F-D   | 212.50   | 207.00 |            | RHP18203F  | JCT18051 | TUBO18153 | AEP20604-B    | 1100W   |
|                                          |             | HVP20237F-D   | 237.50   | 232.00 |            | RHP18229F  | JCT18051 | TUBO18179 | AEP20604-B    | 1100W   |
|                                          |             | HVP20262F-D   | 262.50   | 257.00 |            | RHP18254F  | JCT18051 | TUBO18204 | AEP20604-B    | 1100W   |
|                                          |             | HVP20300F-D   | 300.00   | 294.50 |            | RHP18293F  | JCT18051 | TUBO18243 | AEP20604-B    | 1100W   |

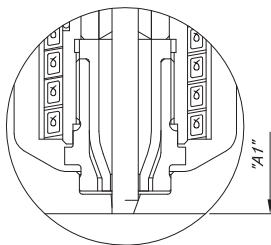


## Tip Options

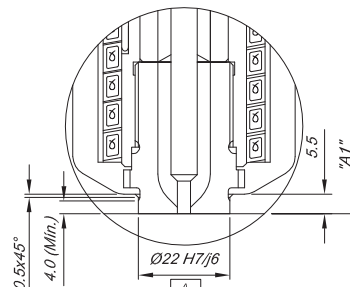
(PVM)  
Low Vestige



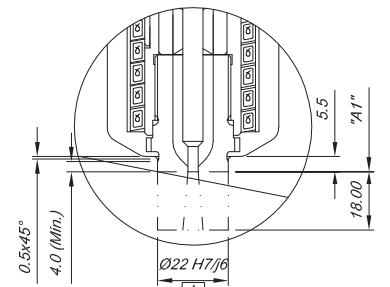
(PVM)  
High Performance



(PMA)  
Ring Style Tip



(PMA)  
Ring Style Tip  
Extended

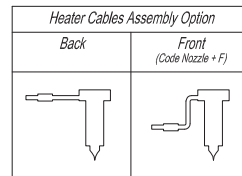
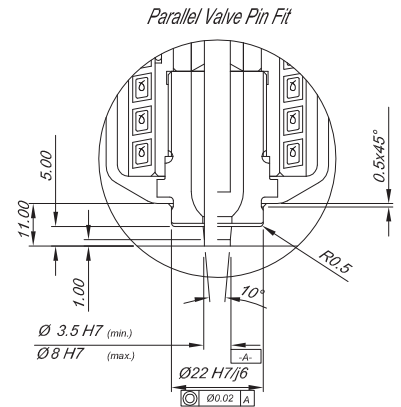
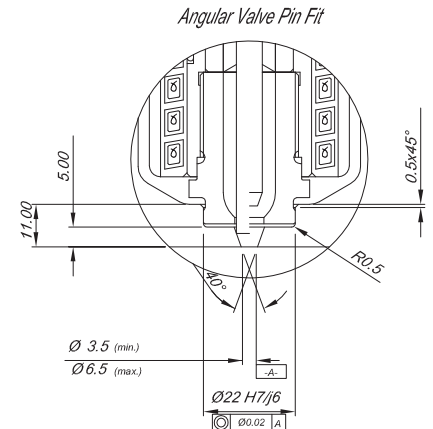
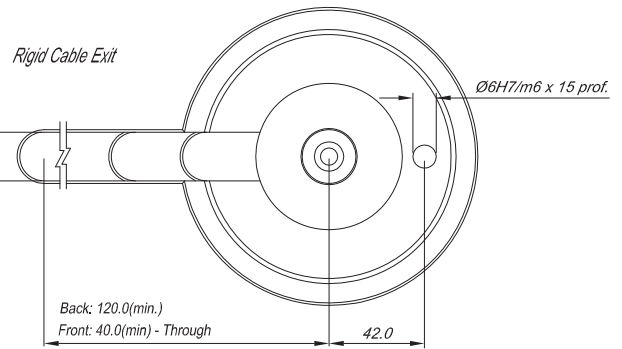
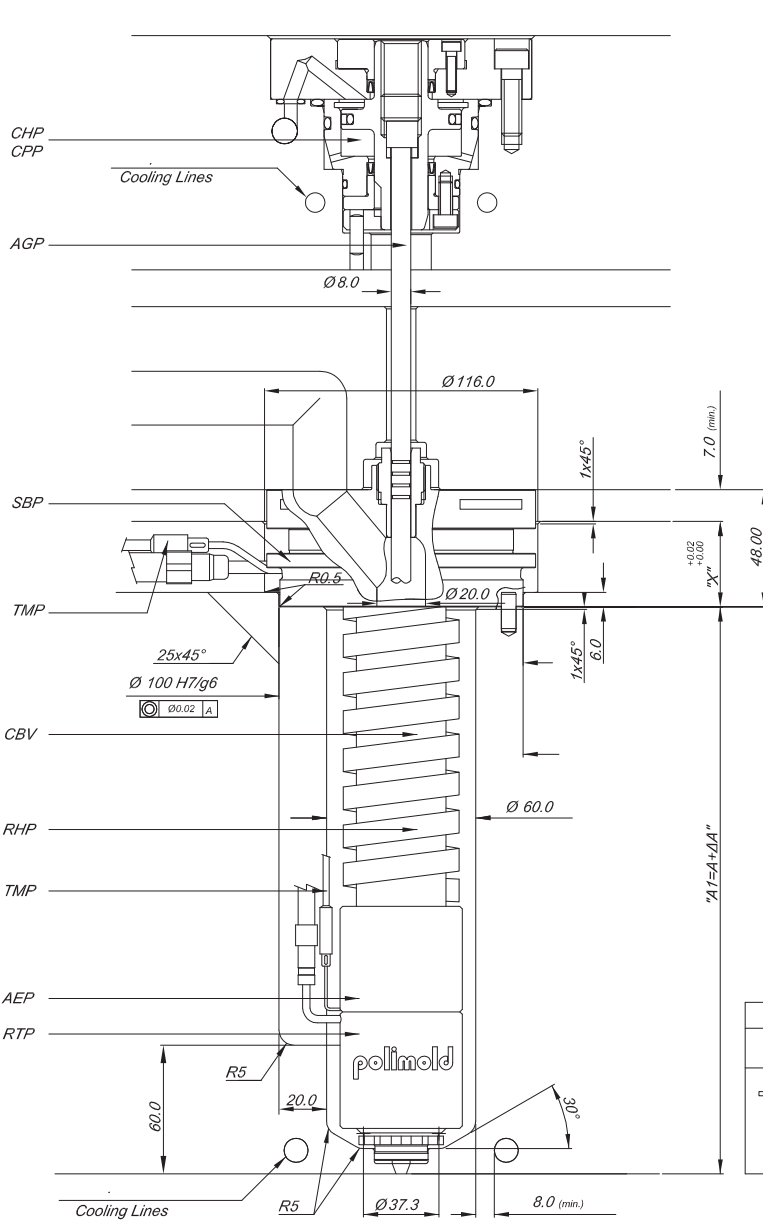


# Series V1000

Polivalve Line

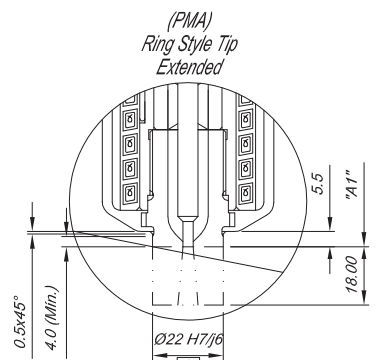
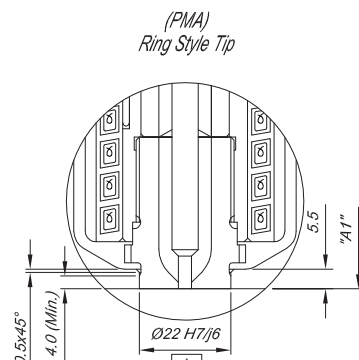
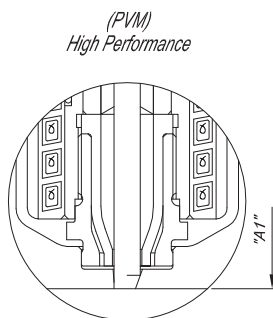
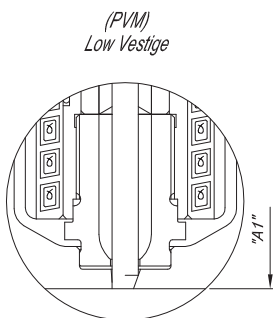
Valve Gate Injection Standard

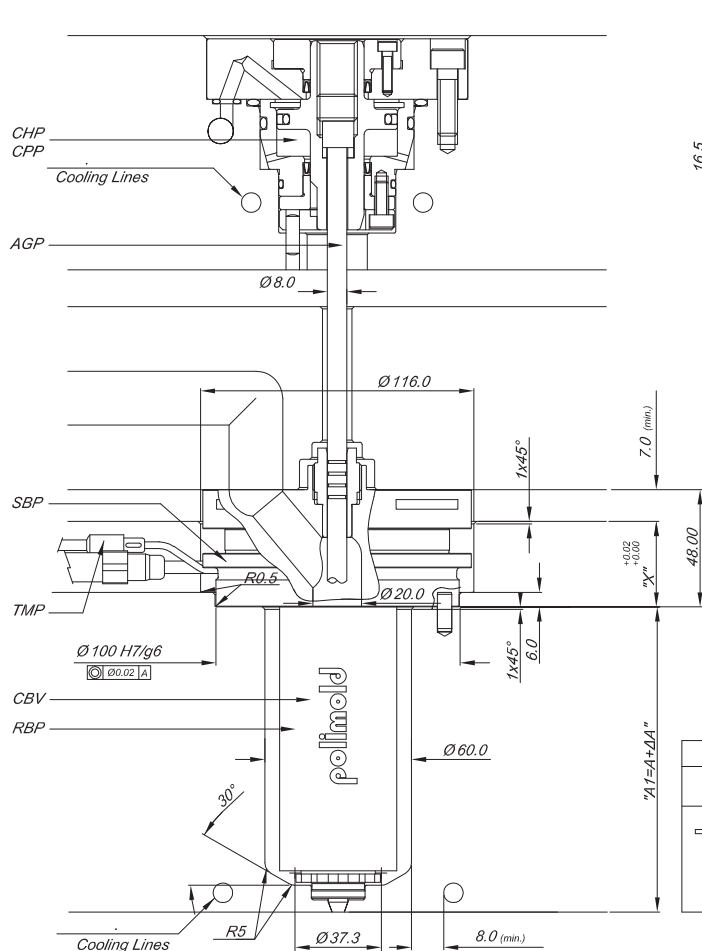
**polimold**  
INDUSTRIAL S.A.



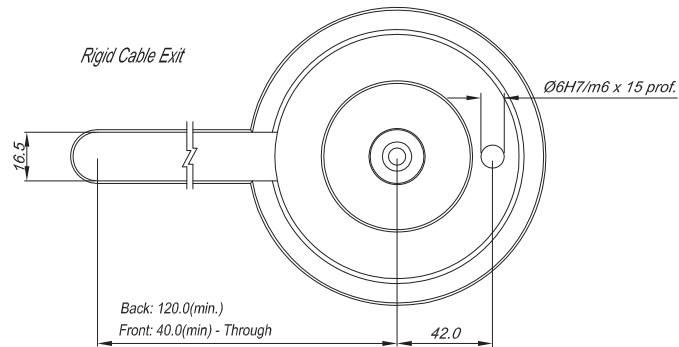
| Nozzle Assembly Specification Components |             |               |          |            |            |           |           |         |              |          |         |               |              |
|------------------------------------------|-------------|---------------|----------|------------|------------|-----------|-----------|---------|--------------|----------|---------|---------------|--------------|
|                                          | Code Nozzle | Dimension "A" |          | Components |            |           |           |         |              |          |         |               |              |
|                                          |             | Tips PVM      | Tips PMA | Body       | Shoulder   | Heater    | Tube      | Wattage | Thermocouple | Heater   | Wattage | Heater Spacer | Thermocouple |
| Heater Cables Assembly Option            | Back        |               |          |            |            |           |           |         |              |          |         |               |              |
|                                          | HVP20350-D  | 350.00        | 344.50   |            |            | RHP18243  | TUBO18243 | 1100W   | TMP01320     |          |         |               |              |
|                                          | HVP20400-D  | 400.00        | 394.50   |            |            | RHP18293  | TUBO18293 | 1100W   | TMP01340     |          |         |               |              |
|                                          | HVP20450-D  | 450.00        | 444.50   |            |            | RHP18343  | TUBO18343 | 1100W   | TMP01420     |          |         |               |              |
|                                          | HVP20500-D  | 500.00        | 494.50   |            |            | RHP18393  | TUBO18393 | 1100W   | TMP01480     |          |         |               |              |
|                                          | Front       |               |          |            |            |           |           |         |              |          |         |               |              |
|                                          | HVP20350-F  | 350.00        | 344.50   | CBV20085-D | SBP20032-D | RHP18243F | TUBO18243 | 1100W   | TMP01320     | RTP18045 | 630W    | AEP20603-B    | TMP01080     |
|                                          | HVP20400-F  | 400.00        | 394.50   |            |            | RHP18293F | TUBO18293 | 1100W   | TMP01360     |          |         |               |              |
|                                          | HVP20450-F  | 450.00        | 444.50   |            |            | RHP18343F | TUBO18343 | 1100W   | TMP01420     |          |         |               |              |
|                                          | HVP20500-F  | 500.00        | 494.50   |            |            | RHP18393F | TUBO18393 | 1100W   | TMP01480     |          |         |               |              |

## Tip Options

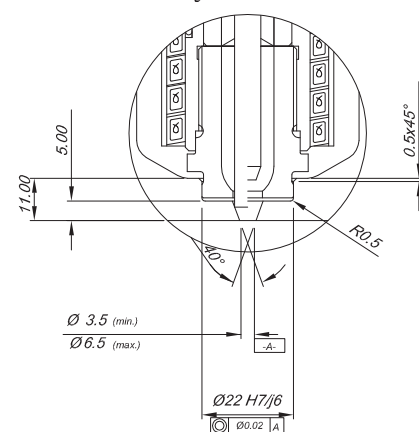




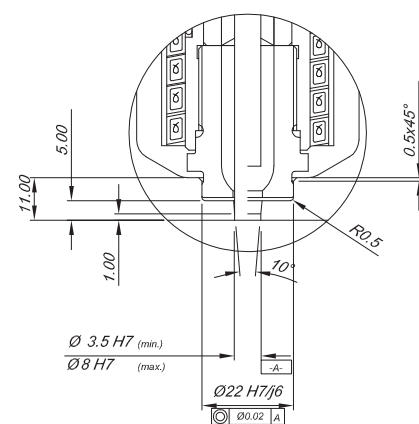
Rigid Cable Exit



Angular Valve Pin Fit



Parallel Valve Pin Fit

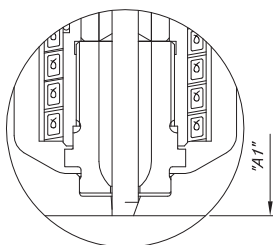


| Heater Cables Assembly Option |                            |
|-------------------------------|----------------------------|
| Back                          | Front<br>(Code Nozzle + F) |
|                               |                            |

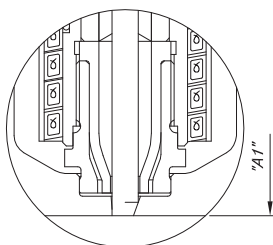
| Nozzle Assembly Specification Components |             |               |          |            |            |           |         |              |
|------------------------------------------|-------------|---------------|----------|------------|------------|-----------|---------|--------------|
| Heater Cables Assembly Option            | Code Nozzle | Dimension "A" |          | Components |            |           |         |              |
|                                          |             | Tips PVM      | Tips PMA | Body       | Shoulder   | Heater    | Wattage | Thermocouple |
|                                          |             |               |          |            |            |           |         |              |
| Back                                     | BVP20112-D  | 112.50        | 107.00   | CBV20085-D | SBP20032-D | RBP18102  | 1100W   | TMP01140     |
|                                          | BVP20137-D  | 137.50        | 132.00   |            |            | RBP18127  | 1100W   | TMP01160     |
|                                          | BVP20162-D  | 162.50        | 157.00   |            |            | RBP18153  | 1300W   | TMP01180     |
|                                          | BVP20187-D  | 187.50        | 182.00   |            |            | RBP18178  | 1300W   | TMP01200     |
|                                          | BVP20112F-D | 112.50        | 107.00   |            |            | RBP18102F | 1100W   | TMP01140     |
|                                          | BVP20137F-D | 137.50        | 132.00   |            |            | RBP18127F | 1100W   | TMP01160     |
|                                          | BVP20162F-D | 162.50        | 157.00   |            |            | RBP18153F | 1300W   | TMP01180     |
|                                          | BVP20187F-D | 187.50        | 182.00   |            |            | RBP18178F | 1300W   | TMP01200     |
|                                          |             |               |          |            |            |           |         |              |
|                                          |             |               |          |            |            |           |         |              |
| Front                                    | BVP20112-D  | 112.50        | 107.00   |            |            | RBP18102  | 1100W   | TMP01140     |
|                                          | BVP20137-D  | 137.50        | 132.00   |            |            | RBP18127  | 1100W   | TMP01160     |
|                                          | BVP20162-D  | 162.50        | 157.00   |            |            | RBP18153  | 1300W   | TMP01180     |
|                                          | BVP20187-D  | 187.50        | 182.00   |            |            | RBP18178  | 1300W   | TMP01200     |
|                                          | BVP20112F-D | 112.50        | 107.00   |            |            | RBP18102F | 1100W   | TMP01140     |
|                                          | BVP20137F-D | 137.50        | 132.00   |            |            | RBP18127F | 1100W   | TMP01160     |
|                                          | BVP20162F-D | 162.50        | 157.00   |            |            | RBP18153F | 1300W   | TMP01180     |
|                                          | BVP20187F-D | 187.50        | 182.00   |            |            | RBP18178F | 1300W   | TMP01200     |
|                                          |             |               |          |            |            |           |         |              |
|                                          |             |               |          |            |            |           |         |              |

## Tip Options

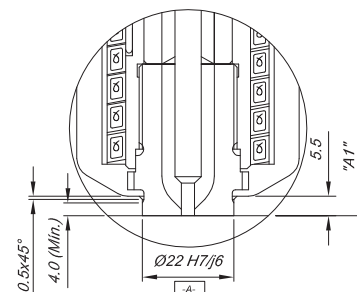
(PVM)  
Low Vestige



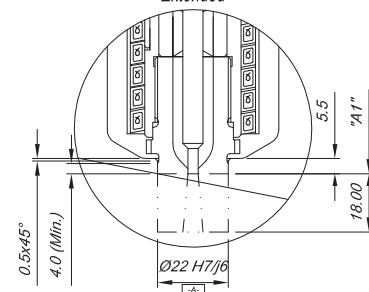
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High Performance

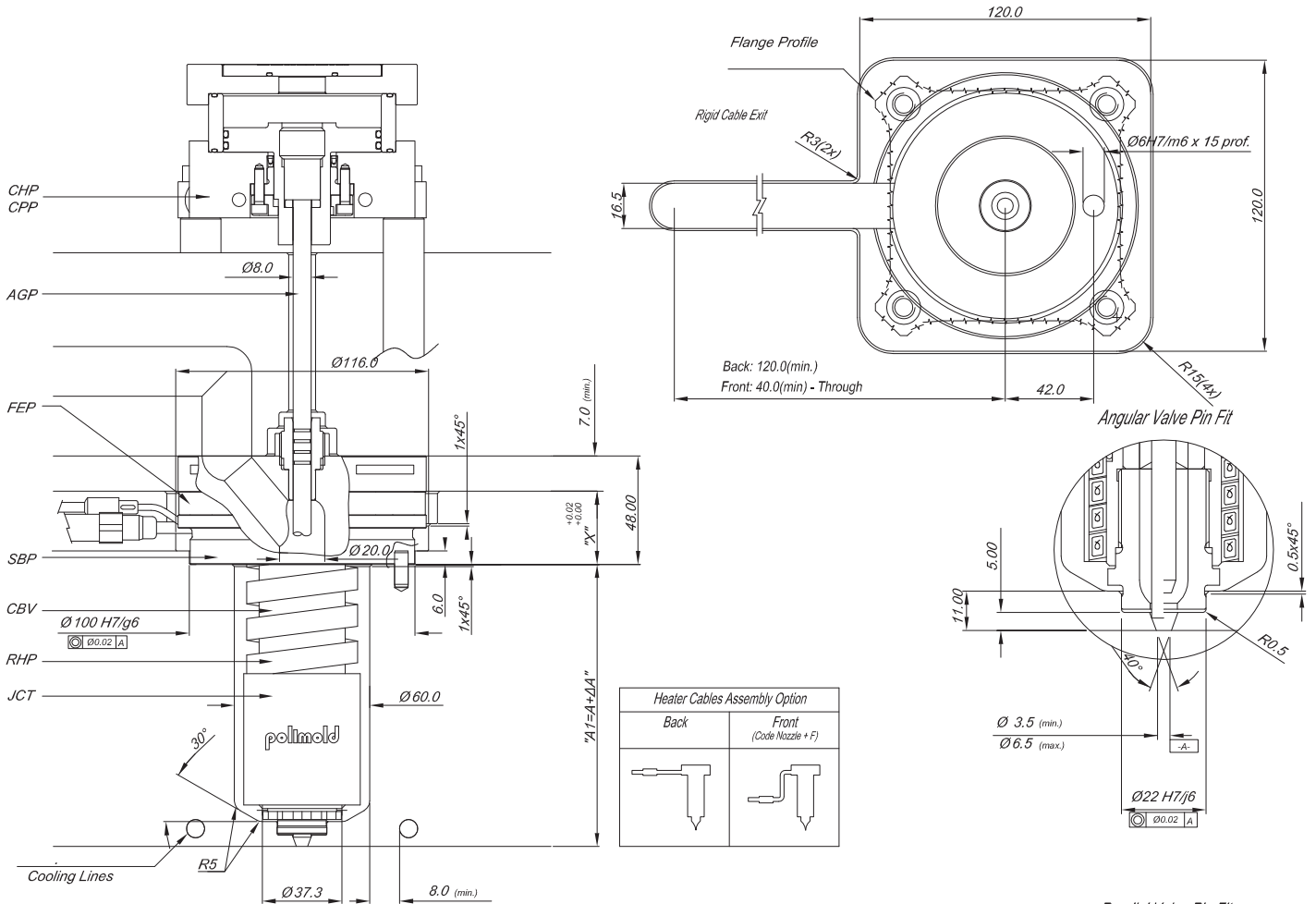


(PMA)  
Ring Style Tip

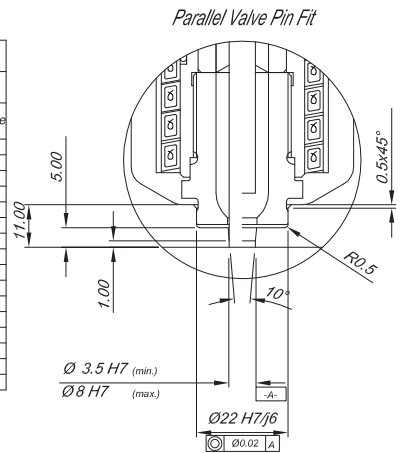


(PMA)  
Ring Style Tip Extended



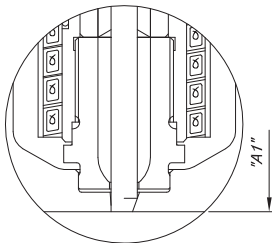


|                               |       | Nozzle Assembly Specification Components |               |             |            |            |            |           |          |           |               |         |              |
|-------------------------------|-------|------------------------------------------|---------------|-------------|------------|------------|------------|-----------|----------|-----------|---------------|---------|--------------|
|                               |       | Code<br>Nozzle                           | Dimension "A" |             | Components |            |            |           |          |           |               |         |              |
|                               |       |                                          | Tips<br>PVM   | Tips<br>PMA | Body       | Shoulder   | Flange     | Heater    | Jacket   | Tube      | Heater Spacer | Wattage | Thermocouple |
| Heater Cables Assembly Option | Back  | HVE20112-D                               | 112.50        | 107.00      | CBV20085-D | SBP20032-D | FEP20010-D | RJP18102  | JCT18100 | ---       | ---           | 1100W   | TMP01140     |
|                               |       | HVE20137-D                               | 137.50        | 132.00      |            |            |            | RHP18127  | JCT18100 | ---       | ---           | 1100W   | TMP01160     |
|                               |       | HVE20162-D                               | 162.50        | 157.00      |            |            |            | RHP18153  | JCT18100 | ---       | ---           | 1100W   | TMP01180     |
|                               |       | HVE20187-D                               | 187.50        | 182.00      |            |            |            | RHP18178  | JCT18100 | ---       | ---           | 1100W   | TMP01200     |
|                               |       | HVE20212-D                               | 212.50        | 207.00      |            |            |            | RHP18203  | JCT18051 | TUBO18153 | AEP20604-B    | 1100W   | TMP01240     |
|                               |       | HVE20237-D                               | 237.50        | 232.00      |            |            |            | RHP18229  | JCT18051 | TUBO18179 | AEP20604-B    | 1100W   | TMP01260     |
|                               |       | HVE20262-D                               | 262.50        | 257.00      |            |            |            | RHP18254  | JCT18051 | TUBO18204 | AEP20604-B    | 1100W   | TMP01280     |
|                               |       | HVE20300-D                               | 300.00        | 294.50      |            |            |            | RHP18293  | JCT18051 | TUBO18243 | AEP20604-B    | 1100W   | TMP01320     |
|                               | Front | HVE20112F-D                              | 112.50        | 107.00      |            |            |            | RJP18102F | JCT18100 | ---       | ---           | 1100W   | TMP01140     |
|                               |       | HVE20137F-D                              | 137.50        | 132.00      |            |            |            | RHP18127F | JCT18100 | ---       | ---           | 1100W   | TMP01160     |
|                               |       | HVE20162F-D                              | 162.50        | 157.00      |            |            |            | RHP18153F | JCT18100 | ---       | ---           | 1100W   | TMP01180     |
|                               |       | HVE20187F-D                              | 187.50        | 182.00      |            |            |            | RHP18178F | JCT18100 | ---       | ---           | 1100W   | TMP01200     |
|                               |       | HVE20212F-D                              | 212.50        | 207.00      |            |            |            | RHP18203F | JCT18051 | TUBO18153 | AEP20604-B    | 1100W   | TMP01240     |
|                               |       | HVE20237F-D                              | 237.50        | 232.00      |            |            |            | RHP18229F | JCT18051 | TUBO18179 | AEP20604-B    | 1100W   | TMP01260     |
|                               |       | HVE20262F-D                              | 262.50        | 257.00      |            |            |            | RHP18254F | JCT18051 | TUBO18204 | AEP20604-B    | 1100W   | TMP01280     |
|                               |       | HVE20300F-D                              | 300.00        | 294.50      |            |            |            | RHP18293F | JCT18051 | TUBO18243 | AEP20604-B    | 1100W   | TMP01320     |

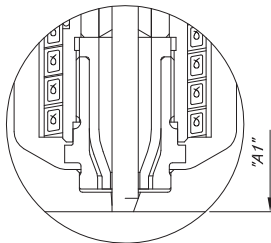


### Tip Options

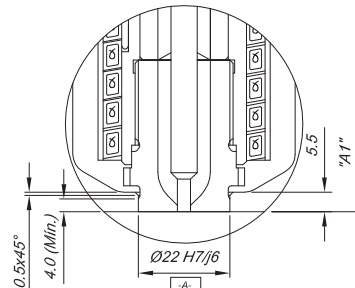
(PVM)  
Low Vestige



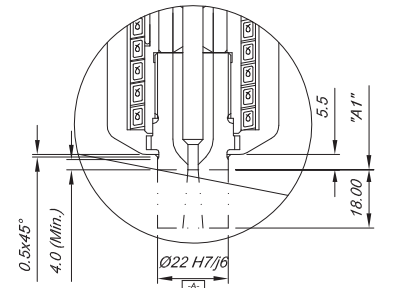
(PVM)  
High Performance



(PMA)  
Ring Style Tip



(PMA)  
Ring Style Tip  
Extended

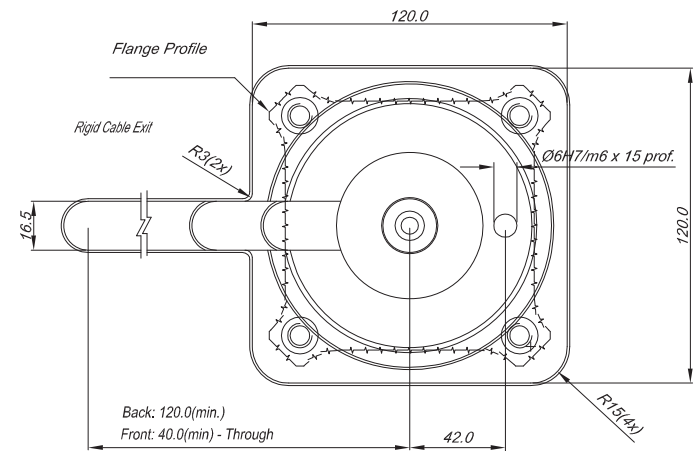
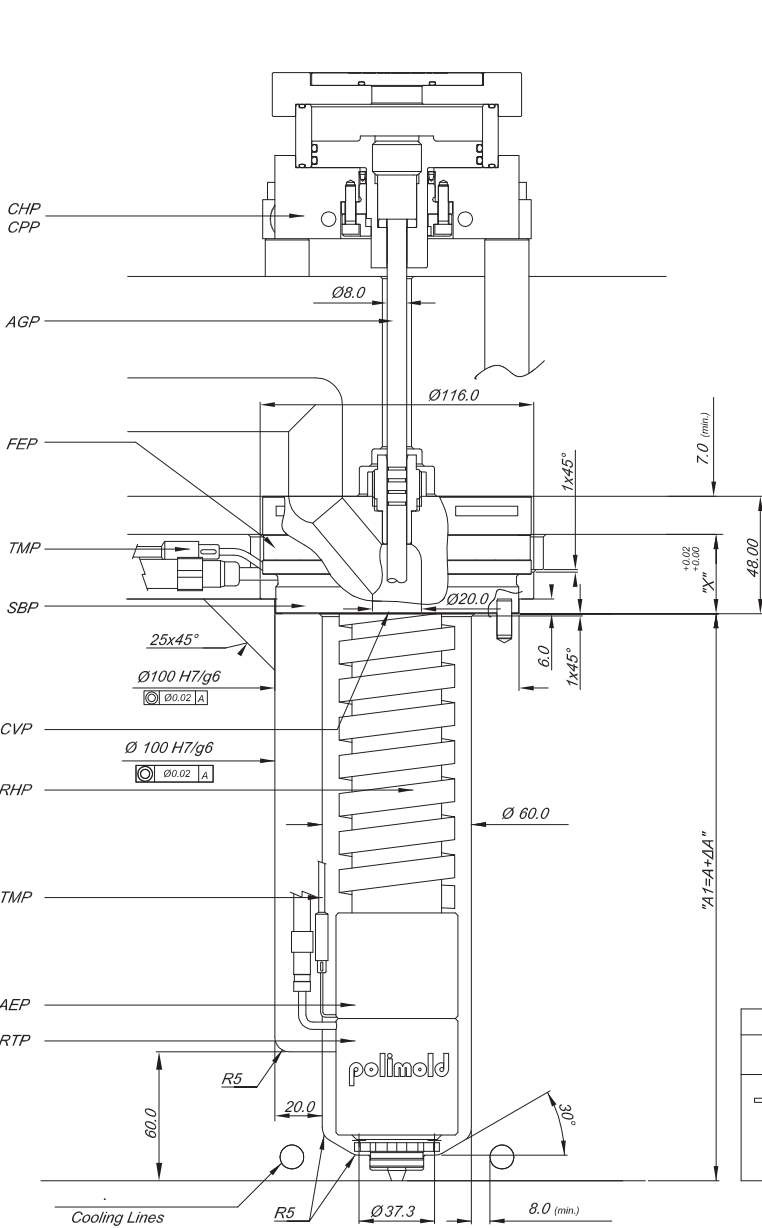


# Series V1000

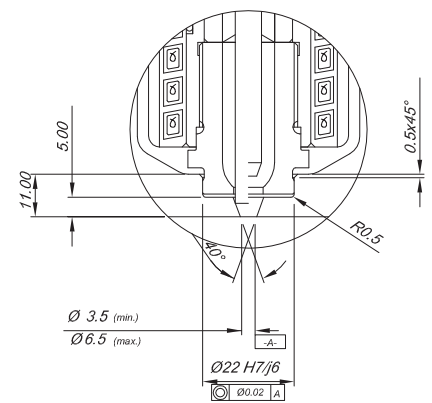
Polivalve Line

Valve Gate Injection Standard

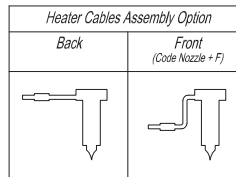
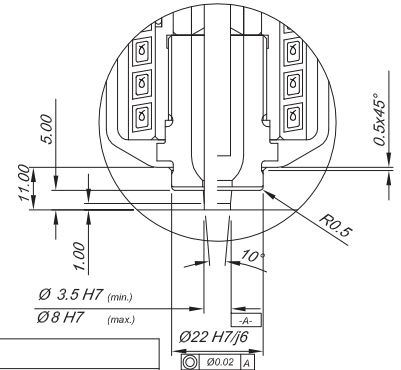
**polimold**  
INDUSTRIAL S.A.



Angular Valve Pin Fit



Parallel Valve Pin Fit

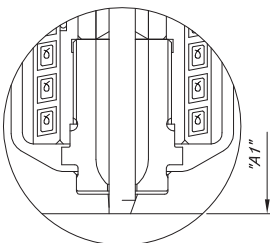


Nozzle Assembly Specification Components

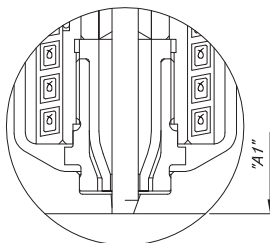
|                                  |       | Nozzle Assembly Specification Components |               |             |            |            |            |           |           |         |              |          |         |               |              |
|----------------------------------|-------|------------------------------------------|---------------|-------------|------------|------------|------------|-----------|-----------|---------|--------------|----------|---------|---------------|--------------|
|                                  |       | Code<br>Nozzle                           | Dimension "A" |             | Components |            |            |           |           |         |              |          |         |               |              |
|                                  |       |                                          | Tips<br>PVM   | Tips<br>PMA | Body       | Shoulder   | Flange     | Heater    | Tube      | Wattage | Thermocouple | Heater   | Wattage | Heater Spacer | Thermocouple |
| Heater Cables<br>Assembly Option | Back  | HVE20350-D                               | 350.00        | 344.50      | CBV20085-D | SBP20032-D | FEP20010-D | RHP18243  | TUBO18243 | 1100W   | TMP01320     | RTP18045 | 630W    | AEP20603-B    | TMP01080     |
|                                  | Front | HVE20400-D                               | 400.00        | 394.50      |            |            |            | RHP18293  | TUBO18293 | 1100W   | TMP01340     |          |         |               |              |
|                                  |       | HVE20450-D                               | 450.00        | 444.50      |            |            |            | RHP18343  | TUBO18343 | 1100W   | TMP01420     |          |         |               |              |
|                                  |       | HVE20500-D                               | 500.00        | 494.50      |            |            |            | RHP18393  | TUBO18393 | 1100W   | TMP01480     |          |         |               |              |
|                                  |       | HVE20350F-D                              | 350.00        | 344.50      |            |            |            | RHP18243F | TUBO18243 | 1100W   | TMP01320     |          |         |               |              |
|                                  |       | HVE20400F-D                              | 400.00        | 394.50      |            |            |            | RHP18293F | TUBO18293 | 1100W   | TMP01340     |          |         |               |              |
|                                  |       | HVE20450F-D                              | 450.00        | 444.50      |            |            |            | RHP18343F | TUBO18343 | 1100W   | TMP01420     |          |         |               |              |
|                                  |       | HVE20500F-D                              | 500.00        | 494.50      |            |            |            | RHP18393F | TUBO18393 | 1100W   | TMP01480     |          |         |               |              |

## Tip Options

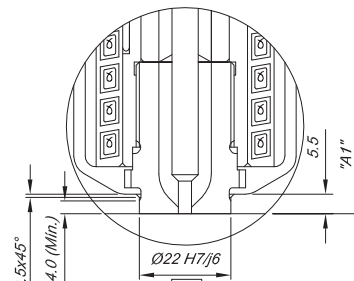
(PVM)  
Low Vestige



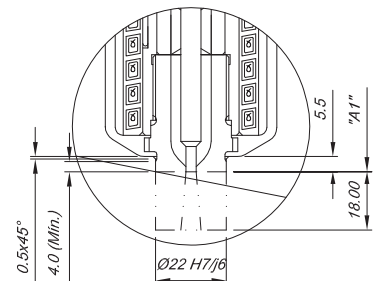
(PVM)  
High Performance

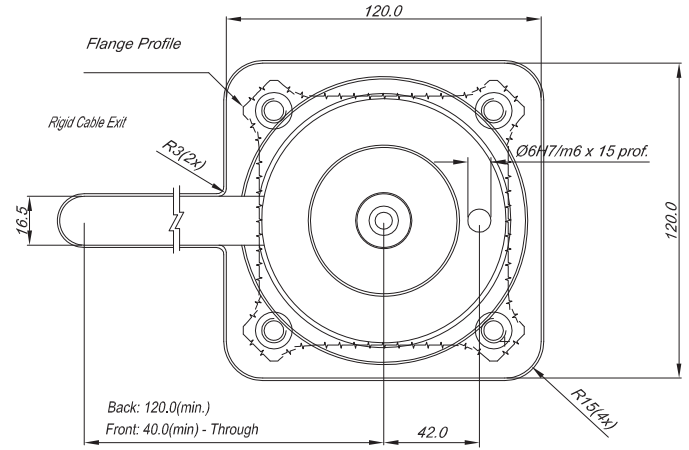
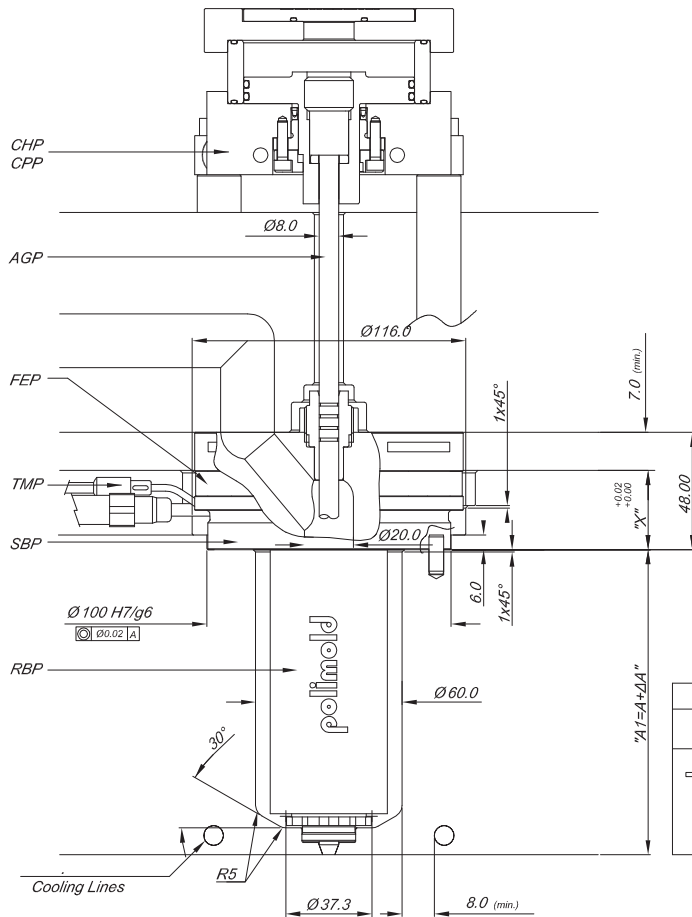


(PMA)  
Ring Style Tip

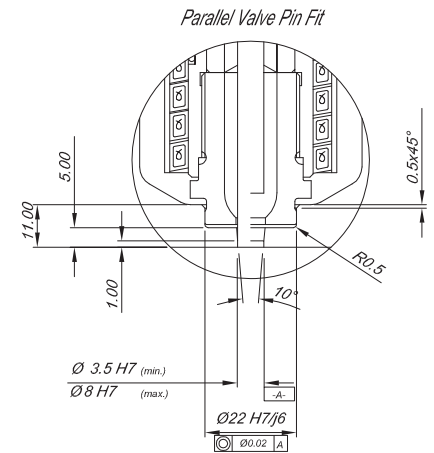
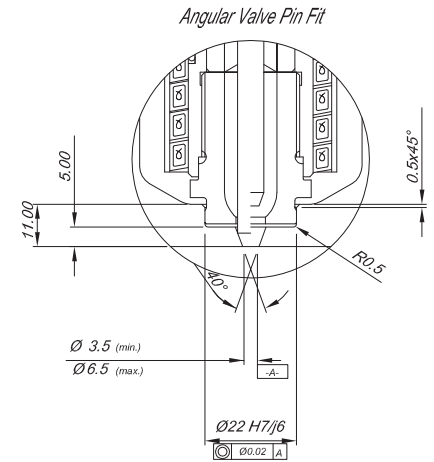


(PMA)  
Ring Style Tip Extended





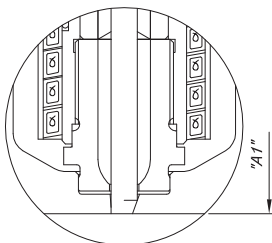
| Heater Cables Assembly Option |                            |
|-------------------------------|----------------------------|
| Back                          | Front<br>(Code Nozzle + F) |
|                               |                            |



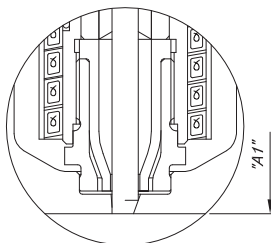
|                                  |       | Nozzle Assembly Specification Components |               |             |            |            |            |           |         |              |
|----------------------------------|-------|------------------------------------------|---------------|-------------|------------|------------|------------|-----------|---------|--------------|
|                                  |       | Code<br>Nozzle                           | Dimension "A" |             | Components |            |            |           |         |              |
|                                  |       |                                          | Tips<br>PVM   | Tips<br>PMA | Body       | Shoulder   | Flange     | Heater    | Wattage | Thermocouple |
| Heater Cables<br>Assembly Option | Back  | BVE20112-D                               | 112.50        | 107.00      | CBV20085-D | SBP20032-D | FEP20010-D | RBP18102  | 1100W   | TMP01140     |
|                                  |       | BVE20137-D                               | 137.50        | 132.00      |            |            |            | RBP18127  | 1100W   | TMP01160     |
|                                  |       | BVE20162-D                               | 162.50        | 157.00      |            |            |            | RBP18153  | 1300W   | TMP01180     |
|                                  |       | BVE20187-D                               | 187.50        | 182.00      |            |            |            | RBP18178  | 1300W   | TMP01200     |
|                                  | Front | BVE20112F-D                              | 112.50        | 107.00      |            |            |            | RBP18102F | 1100W   | TMP01140     |
|                                  |       | BVE20137F-D                              | 137.50        | 132.00      |            |            |            | RBP18127F | 1100W   | TMP01160     |
|                                  |       | BVE20162F-D                              | 162.50        | 157.00      |            |            |            | RBP18153F | 1300W   | TMP01180     |
|                                  |       | BVE20187F-D                              | 187.50        | 182.00      |            |            |            | RBP18178F | 1300W   | TMP01200     |

## Tip Options

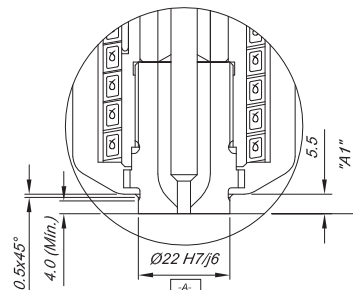
(PVM)  
Low Vestige



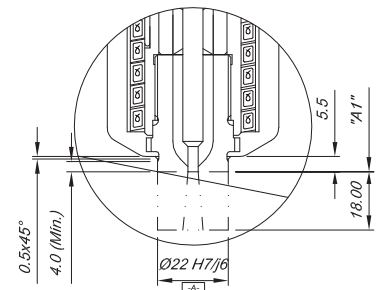
(PVM)  
High Performance



(PMA)  
Ring Style Tip



(PMA)  
Ring Style Tip Extended

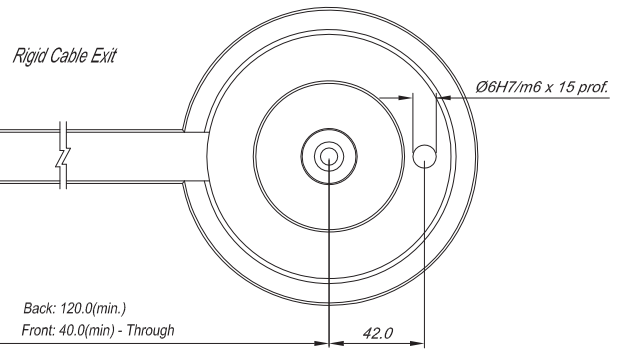
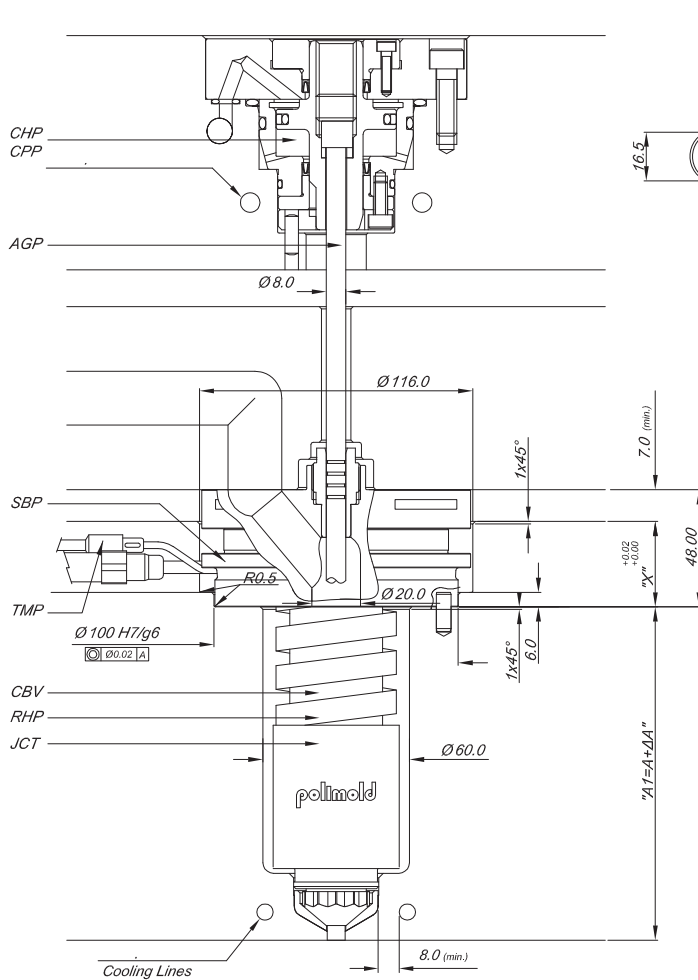




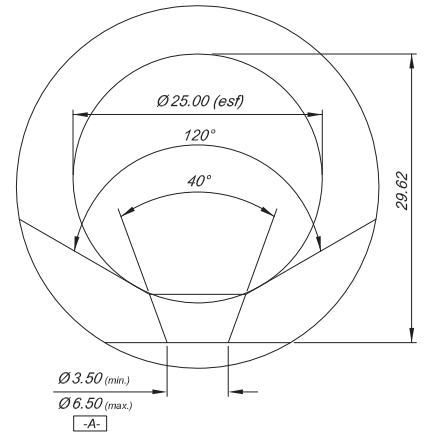
# Series V1000

Polivalve Line

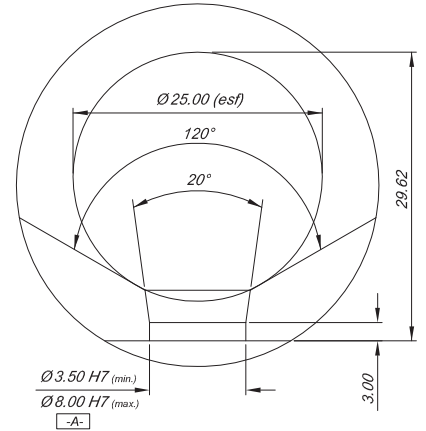
Valve Gate Injection Standard



## Angular Valve Pin Fit



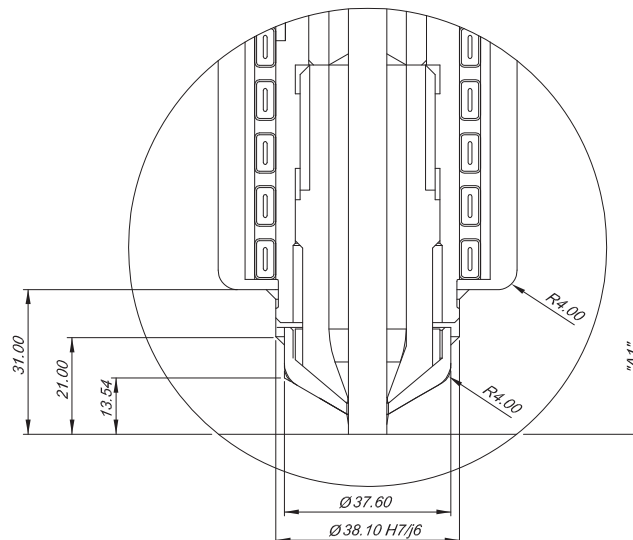
## Parallel Valve Pin Fit



| Heater Cables Assembly Option |                            |
|-------------------------------|----------------------------|
| Back                          | Front<br>(Code Nozzle + F) |
|                               |                            |

|                               |       | Nozzle Assembly Specification Components |                  |            |            |           |          |           |               |         |              |
|-------------------------------|-------|------------------------------------------|------------------|------------|------------|-----------|----------|-----------|---------------|---------|--------------|
|                               |       | Code<br>Nozzle                           | Dimension<br>"A" | Components |            |           |          |           |               |         |              |
|                               |       |                                          |                  | Body       | Shoulder   | Heater    | Jacket   | Tube      | Heater Spacer | Wattage | Thermocouple |
| Heater Cables Assembly Option | Back  | HVT20112-D                               | 112.50           | CBV20085-D | SBP20032-D | RJP18102  | JCT18100 | ---       | ---           | 1100W   | TMP01140     |
|                               |       | HVT20137-D                               | 137.50           |            |            | RHP18127  | JCT18100 | ---       | ---           | 1100W   | TMP01160     |
|                               |       | HVT20162-D                               | 162.50           |            |            | RHP18153  | JCT18100 | ---       | ---           | 1100W   | TMP01180     |
|                               |       | HVT20187-D                               | 187.50           |            |            | RHP18178  | JCT18100 | ---       | ---           | 1100W   | TMP01220     |
|                               |       | HVT20212-D                               | 212.50           |            |            | RHP18203  | JCT18051 | TUB018153 | AEP20604-B    | 1100W   | TMP01240     |
|                               |       | HVT20237-D                               | 237.50           |            |            | RHP18229  | JCT18051 | TUB018179 | AEP20604-B    | 1100W   | TMP01260     |
|                               |       | HVT20262-D                               | 262.50           |            |            | RHP18254  | JCT18051 | TUB018204 | AEP20604-B    | 1100W   | TMP01280     |
|                               |       | HVT20300-D                               | 300.00           |            |            | RHP18293  | JCT18051 | TUB018243 | AEP20604-B    | 1100W   | TMP01320     |
|                               | Front | HVT20112F-D                              | 112.50           |            |            | RJP18102F | JCT18100 | ---       | ---           | 1100W   | TMP01140     |
|                               |       | HVT20137F-D                              | 137.50           |            |            | RHP18127F | JCT18100 | ---       | ---           | 1100W   | TMP01160     |
|                               |       | HVT20162F-D                              | 162.50           |            |            | RHP18153F | JCT18100 | ---       | ---           | 1100W   | TMP01180     |
|                               |       | HVT20187F-D                              | 187.50           |            |            | RHP18178F | JCT18100 | ---       | ---           | 1100W   | TMP01220     |
|                               |       | HVT20212F-D                              | 212.50           |            |            | RHP18203F | JCT18051 | TUB018153 | AEP20604-B    | 1100W   | TMP01240     |
|                               |       | HVT20237F-D                              | 237.50           |            |            | RHP18229F | JCT18051 | TUB018179 | AEP20604-B    | 1100W   | TMP01260     |
|                               |       | HVT20262F-D                              | 262.50           |            |            | RHP18254F | JCT18051 | TUB018204 | AEP20604-B    | 1100W   | TMP01280     |
|                               |       | HVT20300F-D                              | 300.00           |            |            | RHP18293F | JCT18051 | TUB018243 | AEP20604-B    | 1100W   | TMP01320     |

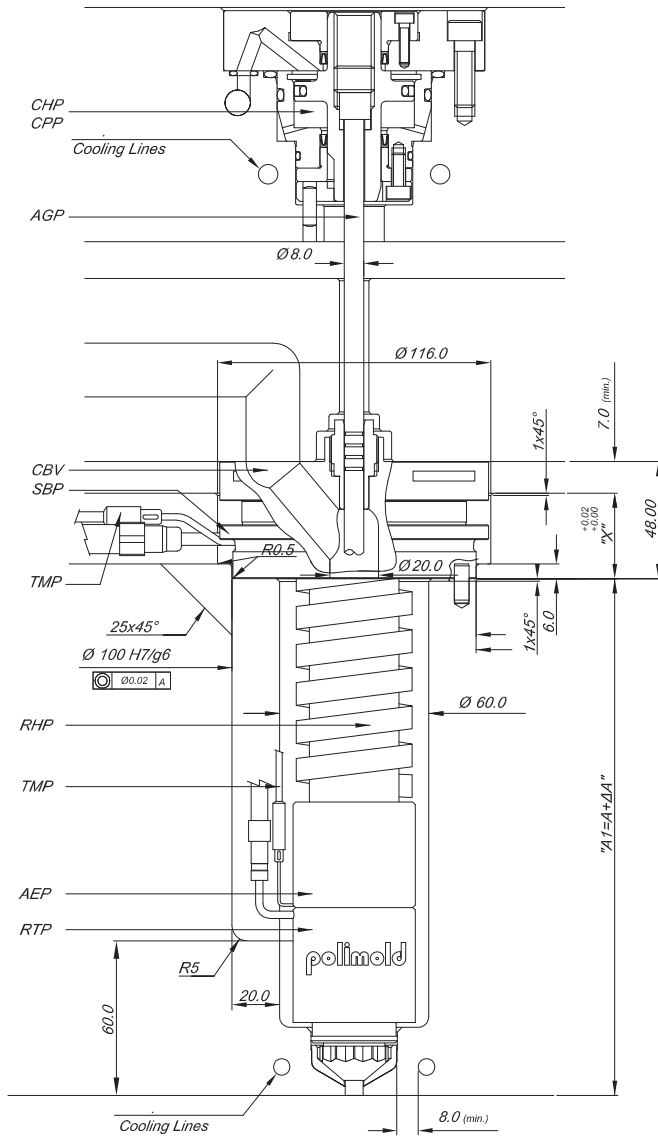
## Tip Options



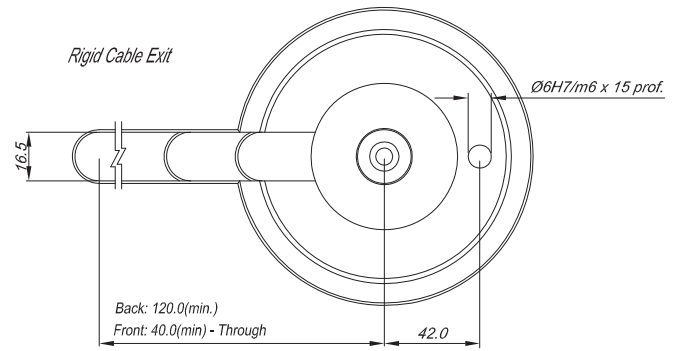
# Series V1000

Polivalve Line

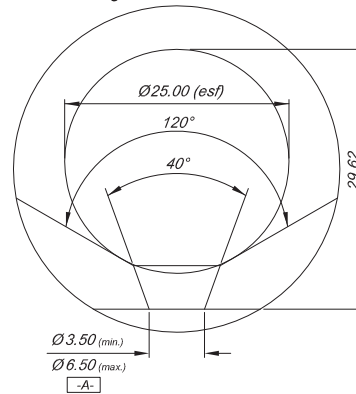
Valve Gate Injection Standard



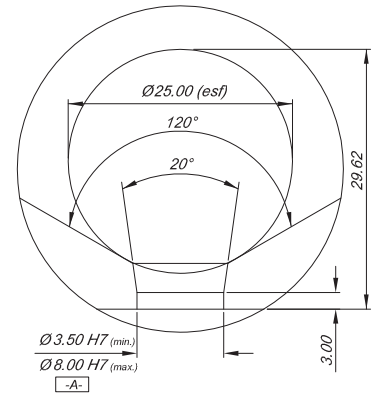
Rigid Cable Exit



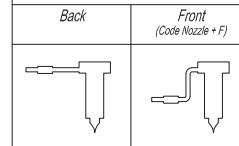
Angular Valve Pin Fit



Parallel Valve Pin Fit



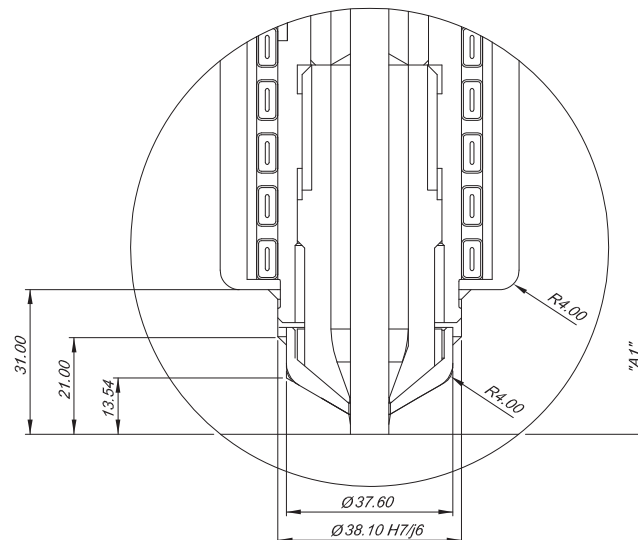
Heater Cables Assembly Option



Nozzle Assembly Specification Components

|                               |       | Nozzle Assembly Specification Components |               |            |          |           |           |          |              |        |            |               |              |
|-------------------------------|-------|------------------------------------------|---------------|------------|----------|-----------|-----------|----------|--------------|--------|------------|---------------|--------------|
|                               |       | Code Nozzle                              | Dimension "A" | Components |          |           |           |          |              |        |            |               |              |
|                               |       |                                          |               | Body       | Shoulder | Heater    | Tube      | Wattage  | Thermocouple | Heater | Wattage    | Heater Spacer | Thermocouple |
| Heater Cables Assembly Option | Back  | HVT20350-D                               | CBV20085-D    | SBP20032-D | RHP18243 | TUBO18243 | 1100W     | TMP01320 | RTP18045     | 630W   | AEP20603-B | TMP01080      |              |
|                               |       | HVT20400-D                               |               |            | 400.00   | RHP18293  | TUBO18293 | 1100W    |              |        |            |               | TMP01340     |
|                               |       | HVT20450-D                               |               |            | 450.00   | RHP18343  | TUBO18343 | 1100W    |              |        |            |               | TMP01420     |
|                               |       | HVT20500-D                               |               |            | 500.00   | RHP18393  | TUBO18393 | 1100W    |              |        |            |               | TMP01480     |
|                               | Front | HVT20350F-D                              |               |            | 350.00   | RHP18243F | TUBO18243 | 1100W    |              |        |            |               | TMP01320     |
|                               |       | HVT20400F-D                              |               |            | 400.00   | RHP18293F | TUBO18293 | 1100W    |              |        |            |               | TMP01360     |
|                               |       | HVT20450F-D                              |               |            | 450.00   | RHP18343F | TUBO18343 | 1100W    |              |        |            |               | TMP01420     |
|                               |       | HVT20500F-D                              |               |            | 500.00   | RHP18393F | TUBO18393 | 1100W    |              |        |            |               | TMP01480     |

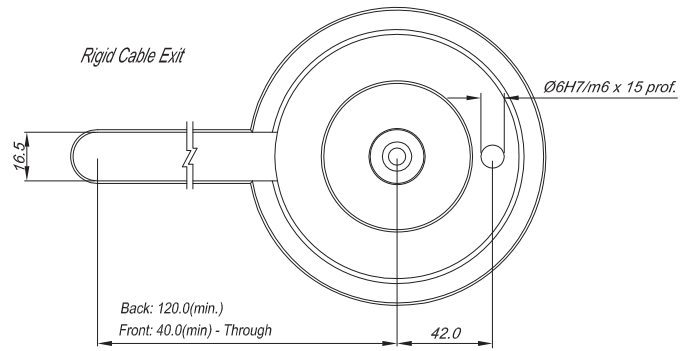
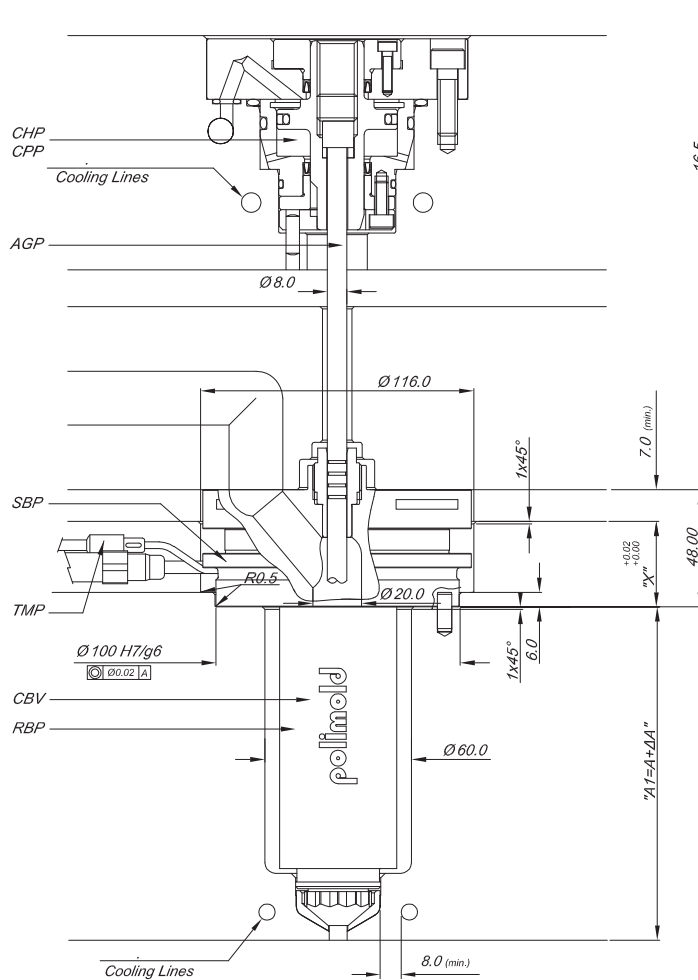
## Tip Options



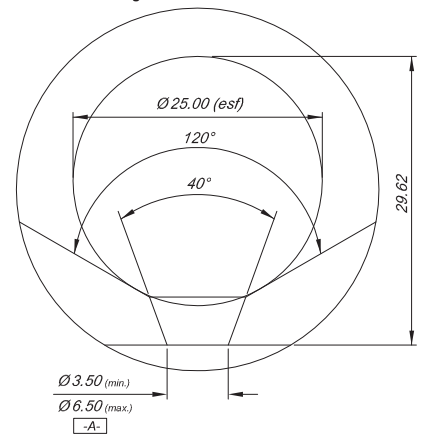
# Series V1000

Polivalve Line

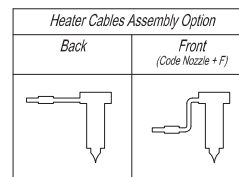
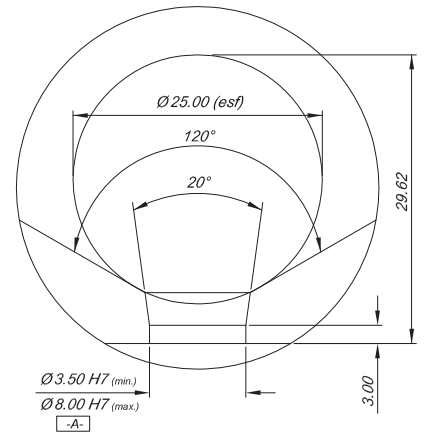
Valve Gate Injection Standard



## Angular Valve Pin Fit

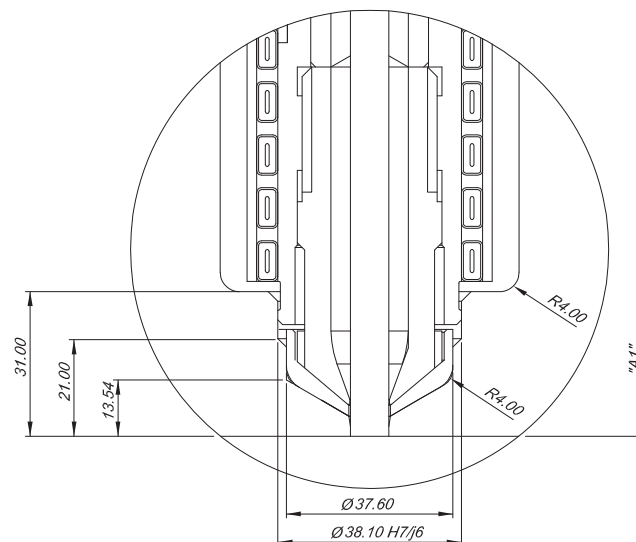


## Parallel Valve Pin Fit



|                                  |       | Nozzle Assembly Specification Components |                  |            |            |           |         |              |
|----------------------------------|-------|------------------------------------------|------------------|------------|------------|-----------|---------|--------------|
|                                  |       | Code<br>Nozzle                           | Dimension<br>"A" | Components |            |           |         |              |
|                                  |       |                                          |                  | Body       | Shoulder   | Heater    | Wattage | Thermocouple |
| Heater Cables<br>Assembly Option | Back  | BVT20112-D                               | 112.50           | CBV20085-D | SBP20032-D | RBP18102  | 1100W   | TMP01140     |
|                                  |       | BVT20137-D                               | 137.50           |            |            | RBP18127  | 1100W   | TMP01160     |
|                                  |       | BVT20162-D                               | 162.50           |            |            | RBP18153  | 1300W   | TMP01180     |
|                                  |       | BVT20187-D                               | 187.50           |            |            | RBP18178  | 1300W   | TMP01200     |
|                                  | Front | BVT20112F-D                              | 112.50           |            |            | RBP18102F | 1100W   | TMP01140     |
|                                  |       | BVT20137F-D                              | 137.50           |            |            | RBP18127F | 1100W   | TMP01160     |
|                                  |       | BVT20162F-D                              | 162.50           |            |            | RBP18153F | 1300W   | TMP01180     |
|                                  |       | BVT20187F-D                              | 187.50           |            |            | RBP18178F | 1300W   | TMP01200     |
|                                  |       |                                          |                  |            |            |           |         |              |
|                                  |       |                                          |                  |            |            |           |         |              |

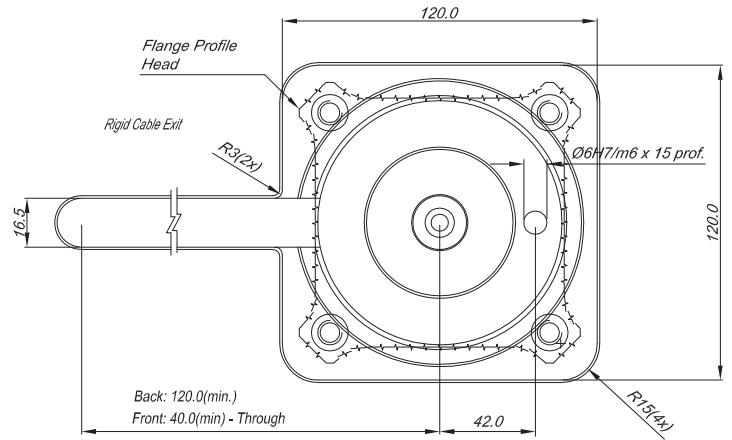
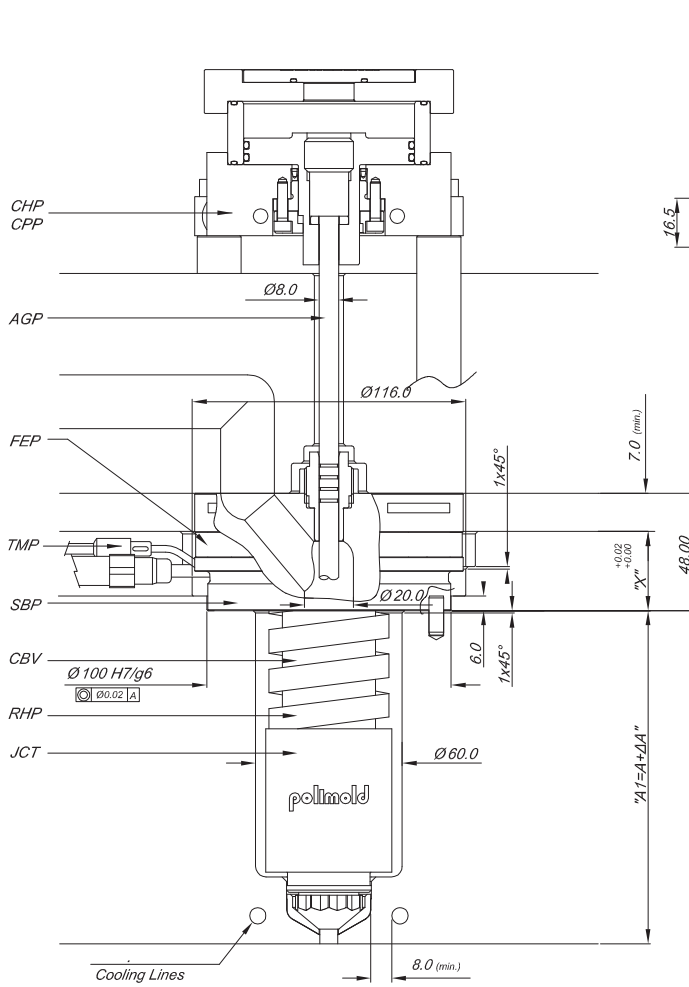
## Tip Options



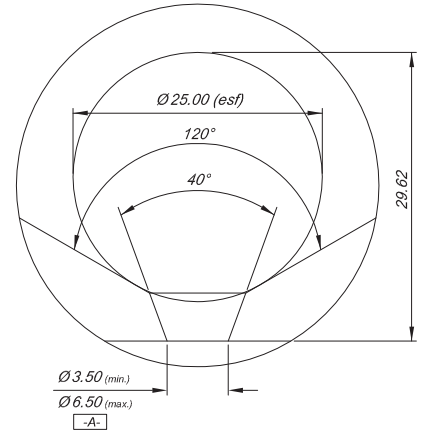
# Series V1000

Polivalve Line

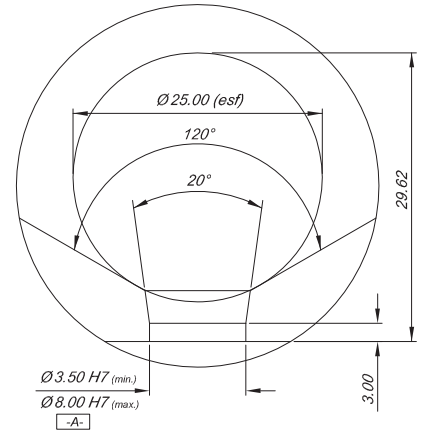
Valve Gate Injection Standard



## Angular Valve Pin Fit



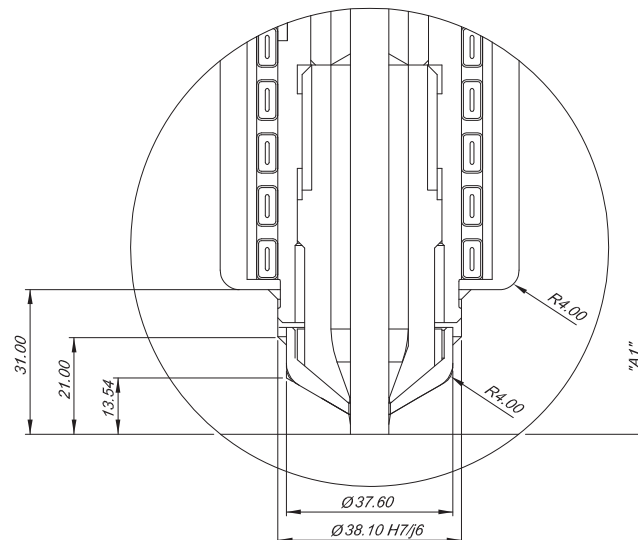
## Parallel Valve Pin Fit



| Heater Cables Assembly Option |                            |
|-------------------------------|----------------------------|
| Back                          | Front<br>(Code Nozzle + F) |
|                               |                            |

|                               |             | Nozzle Assembly Specification Components |               |            |            |            |           |          |           |               |         |              |
|-------------------------------|-------------|------------------------------------------|---------------|------------|------------|------------|-----------|----------|-----------|---------------|---------|--------------|
|                               |             | Code Nozzle                              | Dimension "A" | Components |            |            |           |          |           |               |         |              |
|                               |             |                                          |               | Body       | Shoulder   | Flange     | Heater    | Jacket   | Tube      | Heater Spacer | Wattage | Thermocouple |
| Heater Cables Assembly Option | Back        | HVH20112-D                               | 112.50        | CBV20085-D | SBP20032-D | FEP20010-D | RJP18102  | JCT18100 | ---       | ---           | 1100W   | TMP01140     |
|                               |             | HVH20137-D                               | 137.50        |            |            |            | RHP18127  | JCT18100 | ---       | ---           | 1100W   | TMP01160     |
|                               |             | HVH20162-D                               | 162.50        |            |            |            | RHP18153  | JCT18100 | ---       | ---           | 1100W   | TMP01180     |
|                               |             | HVH20187-D                               | 187.50        |            |            |            | RHP18178  | JCT18100 | ---       | ---           | 1100W   | TMP01200     |
|                               |             | HVH20212-D                               | 212.50        |            |            |            | RHP18203  | JCT18051 | TUBO18153 | AEP20604-B    | 1100W   | TMP01240     |
|                               | Front       | HVH20237-D                               | 237.50        |            |            |            | RHP18229  | JCT18051 | TUBO18179 | AEP20604-B    | 1100W   | TMP01260     |
|                               |             | HVH20262-D                               | 262.50        |            |            |            | RHP18254  | JCT18051 | TUBO18204 | AEP20604-B    | 1100W   | TMP01280     |
|                               |             | HVH20300-D                               | 300.00        |            |            |            | RHP18293  | JCT18051 | TUBO18243 | AEP20604-B    | 1100W   | TMP01320     |
|                               |             | HVH20112F-D                              | 112.50        |            |            |            | RJP18102F | JCT18100 | ---       | ---           | 1100W   | TMP01140     |
|                               |             | HVH20137F-D                              | 137.50        |            |            |            | RHP18127F | JCT18100 | ---       | ---           | 1100W   | TMP01160     |
|                               | HVH20162F-D | 162.50                                   | RHP18153F     | JCT18100   | ---        | ---        | 1100W     | TMP01180 |           |               |         |              |
|                               | HVH20187F-D | 187.50                                   | RHP18178F     | JCT18100   | ---        | ---        | 1100W     | TMP01200 |           |               |         |              |
|                               | HVH20212F-D | 212.50                                   | RHP18203F     | JCT18051   | TUBO18153  | AEP20604-B | 1100W     | TMP01240 |           |               |         |              |
|                               | HVH20237F-D | 237.50                                   | RHP18229F     | JCT18051   | TUBO18179  | AEP20604-B | 1100W     | TMP01260 |           |               |         |              |
|                               | HVH20262F-D | 262.50                                   | RHP18254F     | JCT18051   | TUBO18204  | AEP20604-B | 1100W     | TMP01280 |           |               |         |              |
|                               | HVH20300F-D | 300.00                                   | RHP18293F     | JCT18051   | TUBO18243  | AEP20604-B | 1100W     | TMP01320 |           |               |         |              |

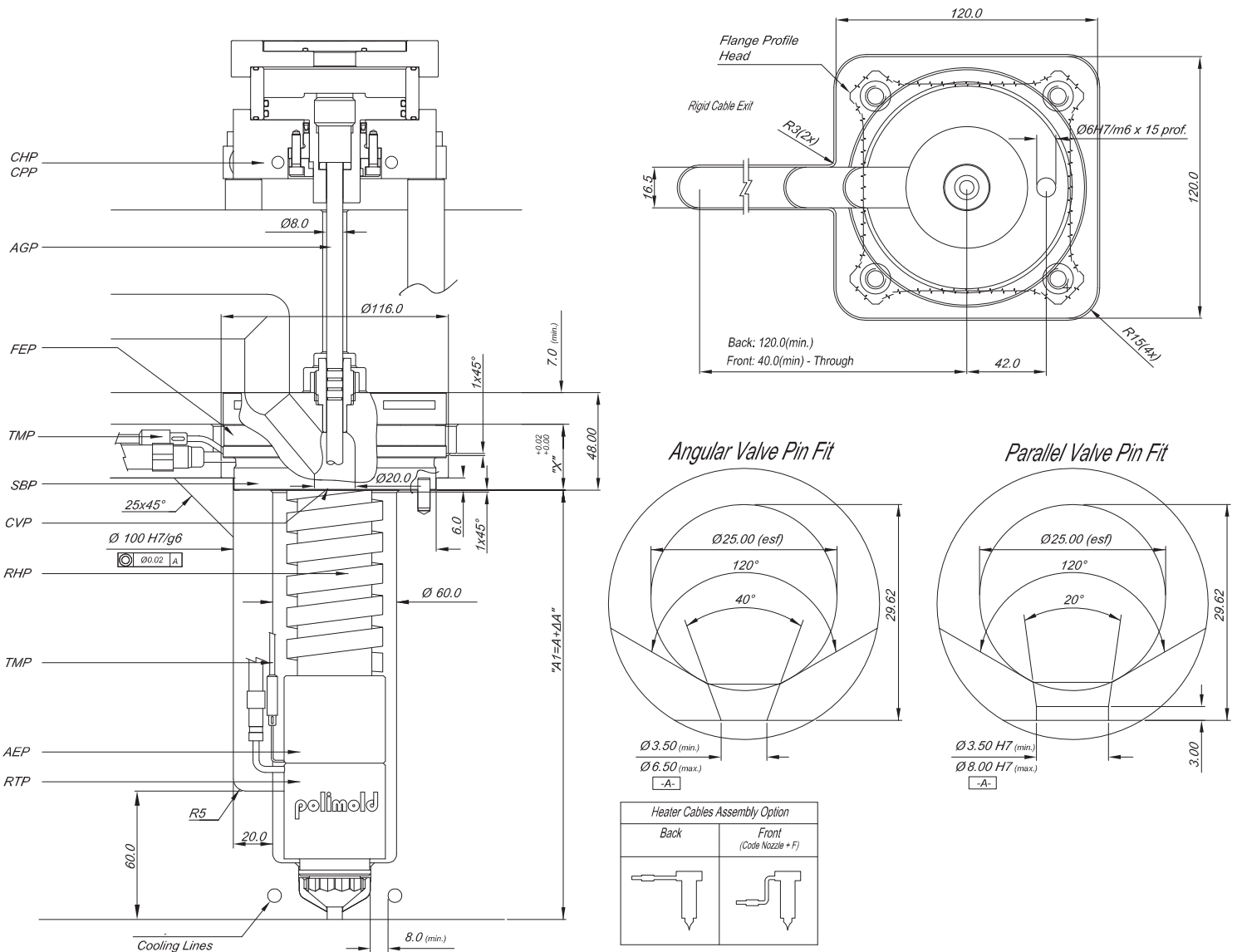
## Tip Options



# Series V1000

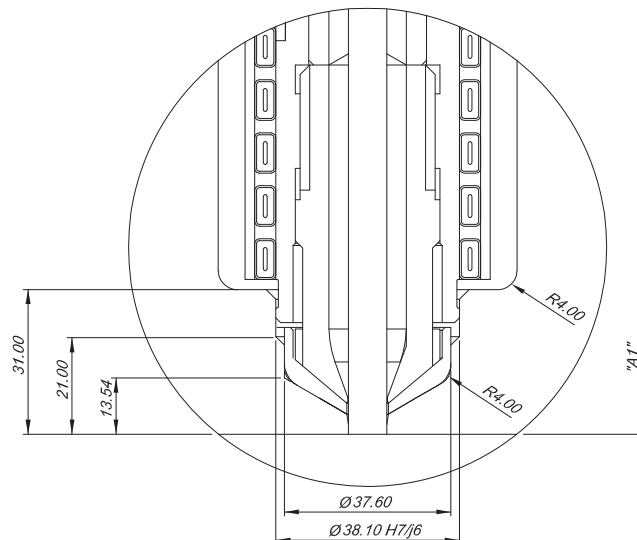
Polivalve Line

Valve Gate Injection Standard



|                               |       | Nozzle Assembly Specification Components |               |            |            |            |           |           |         |              |          |         |               |              |
|-------------------------------|-------|------------------------------------------|---------------|------------|------------|------------|-----------|-----------|---------|--------------|----------|---------|---------------|--------------|
|                               |       | Code Nozzle                              | Dimension "A" | Components |            |            |           |           |         |              |          |         |               |              |
|                               |       |                                          |               | Body       | Shoulder   | Flange     | Heater    | Tube      | Wattage | Thermocouple | Heater   | Wattage | Heater Spacer | Thermocouple |
| Heater Cables Assembly Option | Back  | HVH20350-D                               | 350.00        | CBV20085-D | SBP20032-D | FEP20010-D | RHP18243  | TUBO18243 | 1100W   | TMP01320     | RTP18045 | 630W    | AEP20603-B    | TMP01080     |
|                               |       | HVH20400-D                               | 400.00        |            |            |            | RHP18293  | TUBO18293 | 1100W   | TMP01340     |          |         |               |              |
|                               |       | HVH20450-D                               | 450.00        |            |            |            | RHP18343  | TUBO18343 | 1100W   | TMP01420     |          |         |               |              |
|                               |       | HVH20500-D                               | 500.00        |            |            |            | RHP18393  | TUBO18393 | 1100W   | TMP01480     |          |         |               |              |
|                               | Front | HVH20350F-D                              | 350.00        |            |            |            | RHP18243F | TUBO18243 | 1100W   | TMP01320     |          |         |               |              |
|                               |       | HVH20400F-D                              | 400.00        |            |            |            | RHP18293F | TUBO18293 | 1100W   | TMP01340     |          |         |               |              |
|                               |       | HVH20450F-D                              | 450.00        |            |            |            | RHP18343F | TUBO18343 | 1100W   | TMP01420     |          |         |               |              |
|                               |       | HVH20500F-D                              | 500.00        |            |            |            | RHP18393F | TUBO18393 | 1100W   | TMP01480     |          |         |               |              |

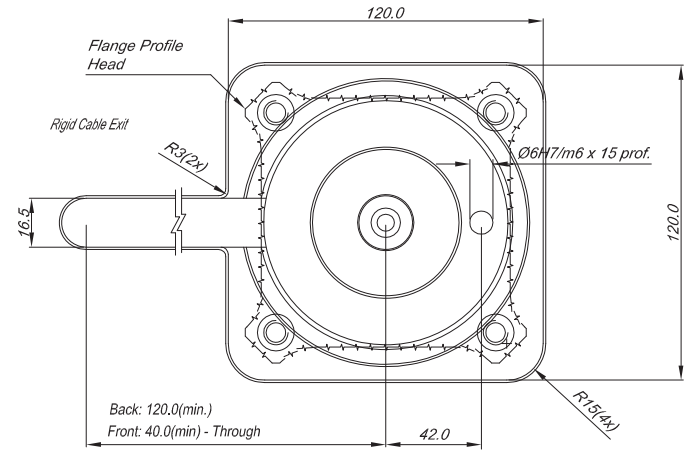
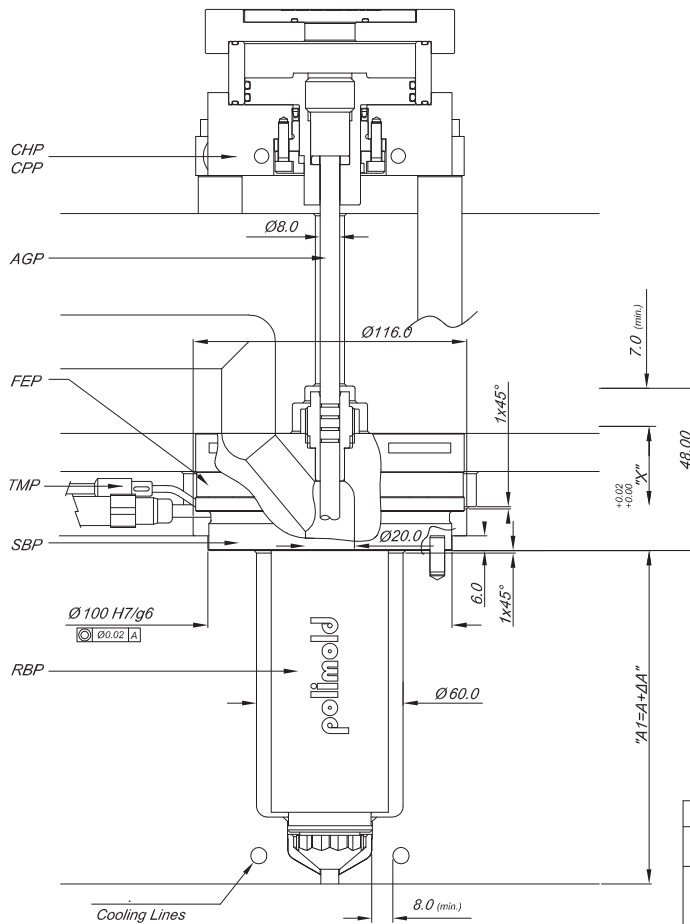
## Tip Options



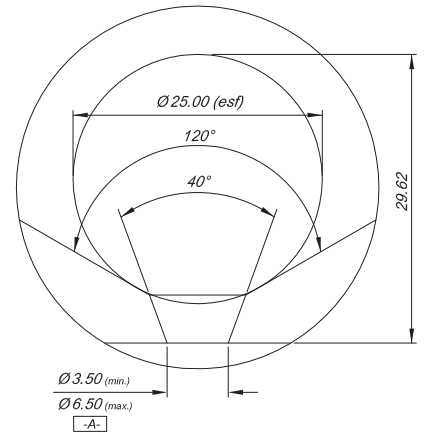
# Series V1000

Polivalve Line

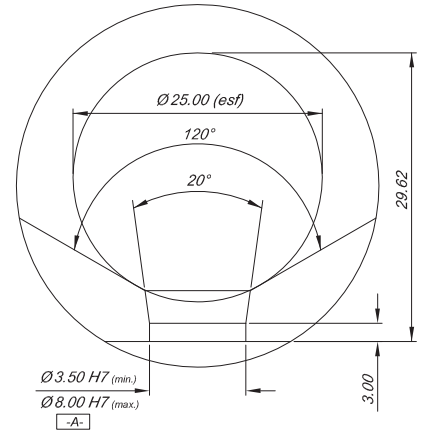
Valve Gate Injection Standard



## Angular Valve Pin Fit



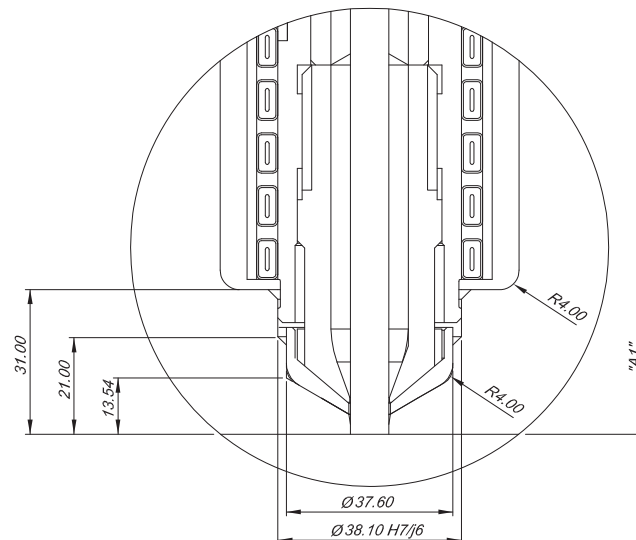
## Parallel Valve Pin Fit



| Heater Cables Assembly Option |                            |
|-------------------------------|----------------------------|
| Back                          | Front<br>(Code Nozzle + F) |
|                               |                            |

|                                  |       | Nozzle Assembly Specification Components |                  |            |            |            |           |         |              |
|----------------------------------|-------|------------------------------------------|------------------|------------|------------|------------|-----------|---------|--------------|
|                                  |       | Code<br>Nozzle                           | Dimension<br>"A" | Components |            |            |           |         |              |
|                                  |       |                                          |                  | Body       | Shoulder   | Flange     | Heater    | Wattage | Thermocouple |
| Heater Cables<br>Assembly Option | Back  | BVH20112-D                               | 112.50           | CBV20085-D | SBP20032-D | FEP20010-D | RBP18102  | 1100W   | TMP01140     |
|                                  |       | BVH20137-D                               | 137.50           |            |            |            | RBP18127  | 1100W   | TMP01160     |
|                                  |       | BVH20162-D                               | 162.50           |            |            |            | RBP18153  | 1300W   | TMP01180     |
|                                  |       | BVH20187-D                               | 187.50           |            |            |            | RBP18178  | 1300W   | TMP01200     |
|                                  | Front | BVH20112F-D                              | 112.50           |            |            |            | RBP18102F | 1100W   | TMP01140     |
|                                  |       | BVH20137F-D                              | 137.50           |            |            |            | RBP18127F | 1100W   | TMP01160     |
|                                  |       | BVH20162F-D                              | 162.50           |            |            |            | RBP18153F | 1300W   | TMP01180     |
|                                  |       | BVH20187F-D                              | 187.50           |            |            |            | RBP18178F | 1300W   | TMP01200     |
|                                  |       |                                          |                  |            |            |            |           |         |              |
|                                  |       |                                          |                  |            |            |            |           |         |              |

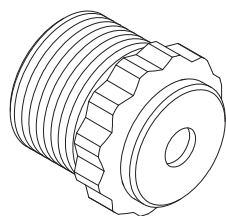
## Tip Options



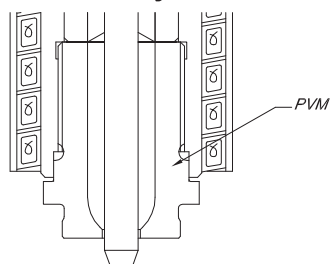
# Series V50, V200, V500, V800 E V1000

Polivalve Line

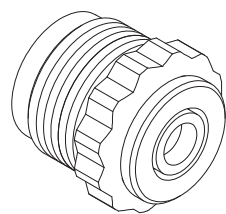
Tip Options



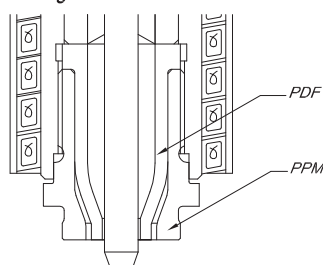
*(PVM)  
Low Vestige*



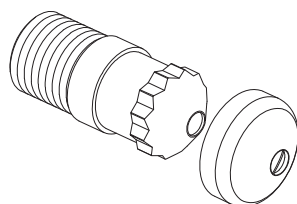
|              |            |
|--------------|------------|
| Series V50   | PVM06020-B |
| Series V200  | PVM10020-B |
| Series V500  | PVM12020-B |
| Series V800  | PVM16020-B |
| Series V1000 | PVM20020-B |



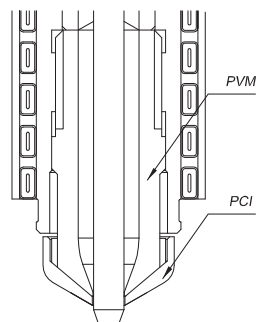
*(PVM)  
High Performance*



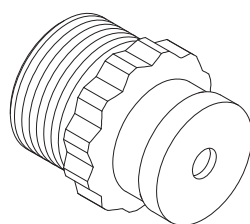
|              | Tip        | Tip Components     |            | Material                         |
|--------------|------------|--------------------|------------|----------------------------------|
|              |            | CAPSULA CONDUTTORA | Body       |                                  |
| Series V200  | PVM10021-B | PDF10820-B         | PPM10620-B | STANDARD<br>(COATED IN 'Cr')     |
| Series V500  | PVM12021-B | PDF12820-B         | PPM12620-B |                                  |
| Series V800  | PVM16021-B | PDF16820-B         | PPM16620-B |                                  |
| Series V1000 | PVM20021-B | PDF20820-B         | PPM20620-B |                                  |
| Series V200  | PVM10022-B | PDF10520-B         | PPM10620-B | ABRASION<br>RESISTENT            |
| Series V500  | PVM12022-B | PDF12520-B         | PPM12620-B |                                  |
| Series V800  | PVM16022-B | PDF16520-B         | PPM16620-B |                                  |
| Series V1000 | PVM20022-B | PDF20520-B         | PPM20620-B |                                  |
| Series V200  | PVM10023-B | PDF10720-B         | PPM10620-B | STANDARD DME<br>(COATED IN 'Ni') |
| Series V500  | PVM12023-B | PDF12720-B         | PPM12620-B |                                  |
| Series V800  | PVM16023-B | PDF16720-B         | PPM16620-B |                                  |
| Series V1000 | PVM20023-B | PDF20720-B         | PPM20620-B |                                  |



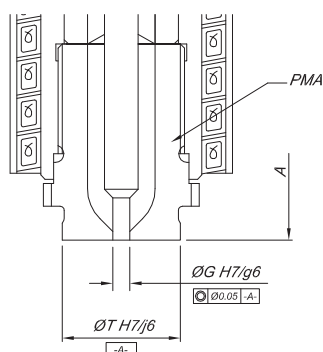
*(PHV)  
Thru Hole Polivalve*



| Series | Code Tip   | Insulator  |
|--------|------------|------------|
| V25    | PHV05025-B | THI05025-B |
| V50    | PHV06025-B | THI06025-B |
| V200   | PHV10040-B | THI10040-B |
| V500   | PHV12050-B | THI12050-B |
| V800   | PHV16060-B | THI16060-B |
| V1000  | PHV20080-B | THI20080-B |

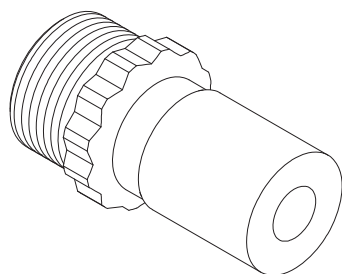


*(PMA)  
Ring Style Tip  
Parallel Valve Pin Fit*

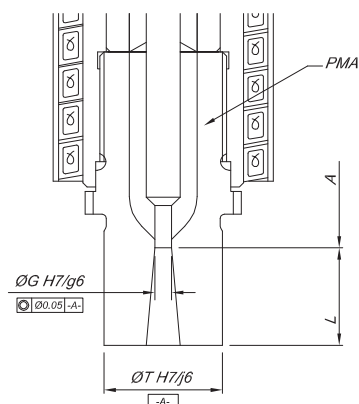


| Series | Code Tip   | Dimension<br>"T" | Dimension<br>"G" |
|--------|------------|------------------|------------------|
| V50    | PMA06020-B | 10.00            | 1.5              |
|        | PMA06030-B |                  | 2.0              |
|        | PMA06040-B |                  | 2.5              |
| V200   | PMA10020-B | 14.00            | 2.0              |
|        | PMA10030-B |                  | 2.5              |
|        | PMA10040-B |                  | 3.0              |
|        | PMA10050-B |                  | 3.5              |
|        | PMA10060-B |                  | 4.0              |
| V500   | PMA12020-B | 16.00            | 2.5              |
|        | PMA12030-B |                  | 3.0              |
|        | PMA12040-B |                  | 3.5              |
|        | PMA12050-B |                  | 4.0              |
|        | PMA12060-B |                  | 4.5              |
|        | PMA12070-B |                  | 5.0              |
| V800   | PMA16020-B | 18.00            | 3.0              |
|        | PMA16030-B |                  | 4.0              |
|        | PMA16040-B |                  | 5.0              |
|        | PMA16050-B |                  | 6.0              |
| V1000  | PMA20020-B | 22.00            | 3.0              |
|        | PMA20030-B |                  | 4.0              |
|        | PMA20040-B |                  | 5.0              |
|        | PMA20050-B |                  | 6.0              |

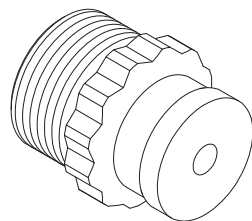




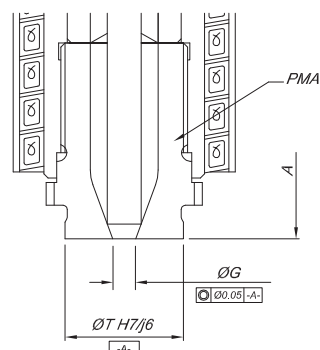
(PMA)  
Ring Style Tip Extended  
Parallel Valve Pin Fit



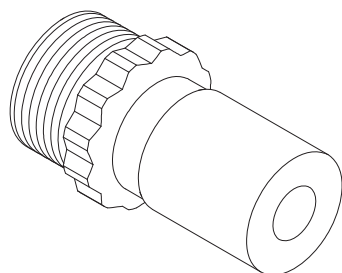
| Series | Code Tip   | Dimension "T" | Dimension "L" | Dimension "G" |
|--------|------------|---------------|---------------|---------------|
| V50    | PMA06021-B | 10.00         | 10.00         | 1.5           |
|        | PMA06031-B |               |               | 2.0           |
|        | PMA06041-B |               |               | 2.5           |
| V200   | PMA10021-B | 14.00         | 18.00         | 2.0           |
|        | PMA10031-B |               |               | 2.5           |
|        | PMA10041-B |               |               | 3.0           |
|        | PMA10051-B |               |               | 3.5           |
| V500   | PMA10061-B | 16.00         | 18.00         | 4.0           |
|        | PMA12021-B |               |               | 2.5           |
|        | PMA12031-B |               |               | 3.0           |
|        | PMA12041-B |               |               | 3.5           |
|        | PMA12051-B |               |               | 4.0           |
|        | PMA12061-B |               |               | 4.5           |
| V800   | PMA12071-B | 18.00         | 18.00         | 5.0           |
|        | PMA16021-B |               |               | 3.0           |
|        | PMA16031-B |               |               | 4.0           |
|        | PMA16041-B |               |               | 5.0           |
| V1000  | PMA16051-B | 22.00         | 18.00         | 6.0           |
|        | PMA20021-B |               |               | 3.0           |
|        | PMA20031-B |               |               | 4.0           |
|        | PMA20041-B |               |               | 5.0           |
|        | PMA20051-B |               |               | 6.0           |



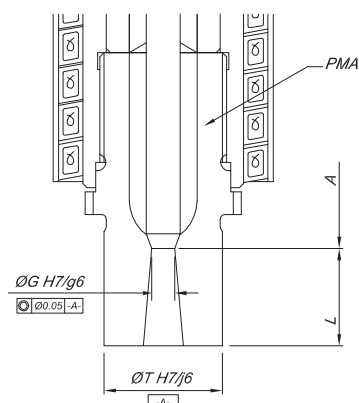
(PMA)  
Ring Style Tip  
Angular Valve Pin Fit



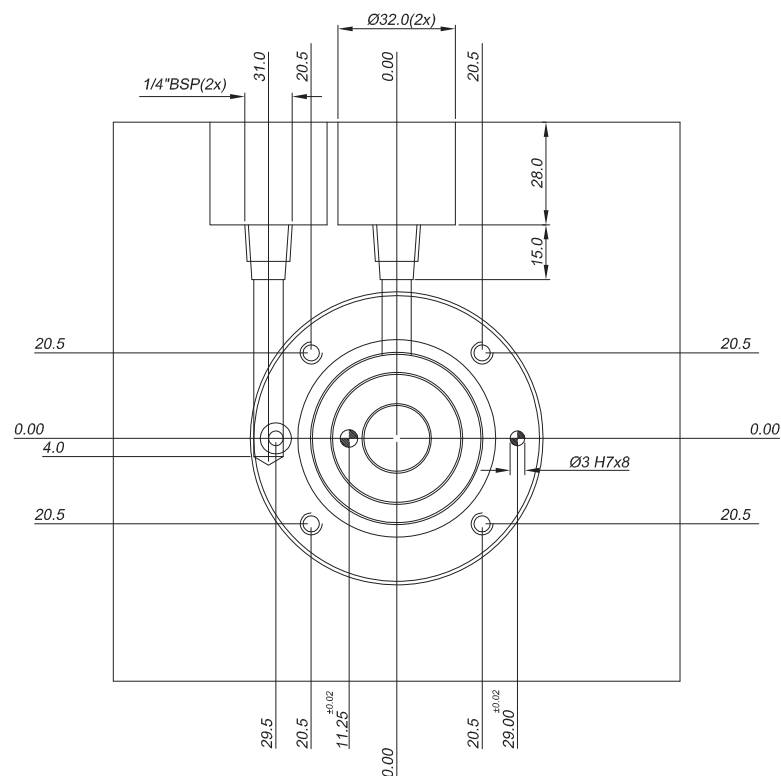
| Series | Code Tip   | Dimension "T" | Dimension "G" |
|--------|------------|---------------|---------------|
| V50    | PMA06022-B | 10.00         | 1.5           |
|        | PMA06032-B |               | 2.0           |
| V200   | PMA10022-B | 14.00         | 2.0           |
|        | PMA10032-B |               | 2.5           |
|        | PMA10042-B |               | 3.0           |
|        | PMA10052-B |               | 3.5           |
|        | PMA10062-B |               | 4.0           |
| V500   | PMA12022-B | 16.00         | 2.5           |
|        | PMA12032-B |               | 3.0           |
|        | PMA12042-B |               | 3.5           |
|        | PMA12052-B |               | 4.0           |
|        | PMA12062-B |               | 4.5           |
|        | PMA12072-B |               | 5.0           |
| V800   | PMA16022-B | 18.00         | 3.0           |
|        | PMA16032-B |               | 4.0           |
|        | PMA16042-B |               | 5.0           |
|        | PMA16052-B |               | 6.0           |
| V1000  | PMA20022-B | 22.00         | 3.0           |
|        | PMA20032-B |               | 4.0           |
|        | PMA20042-B |               | 5.0           |
|        | PMA20052-B |               | 6.0           |



(PMA)  
Ring Style Tip Extended  
Angular Valve Pin Fit

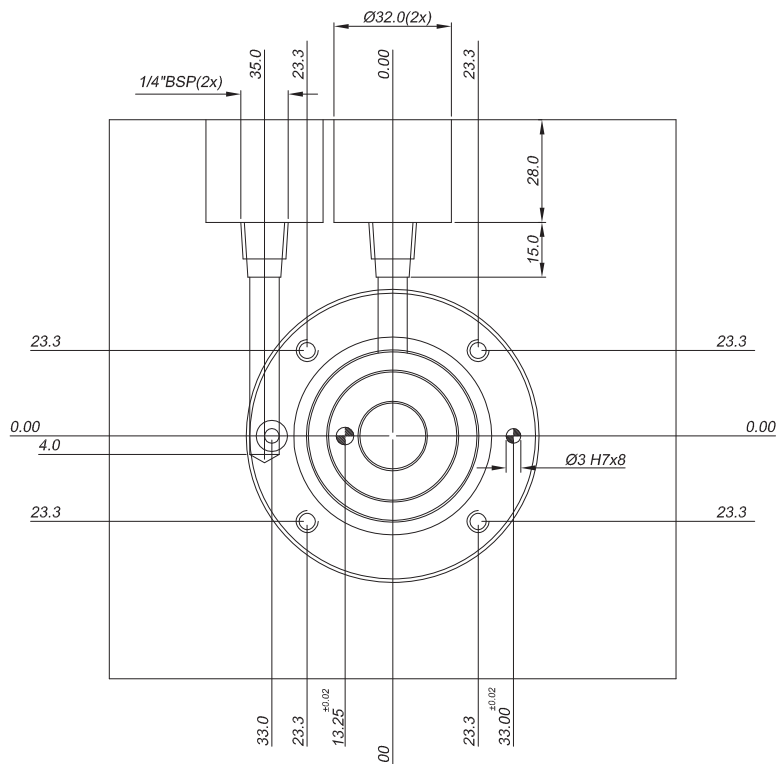
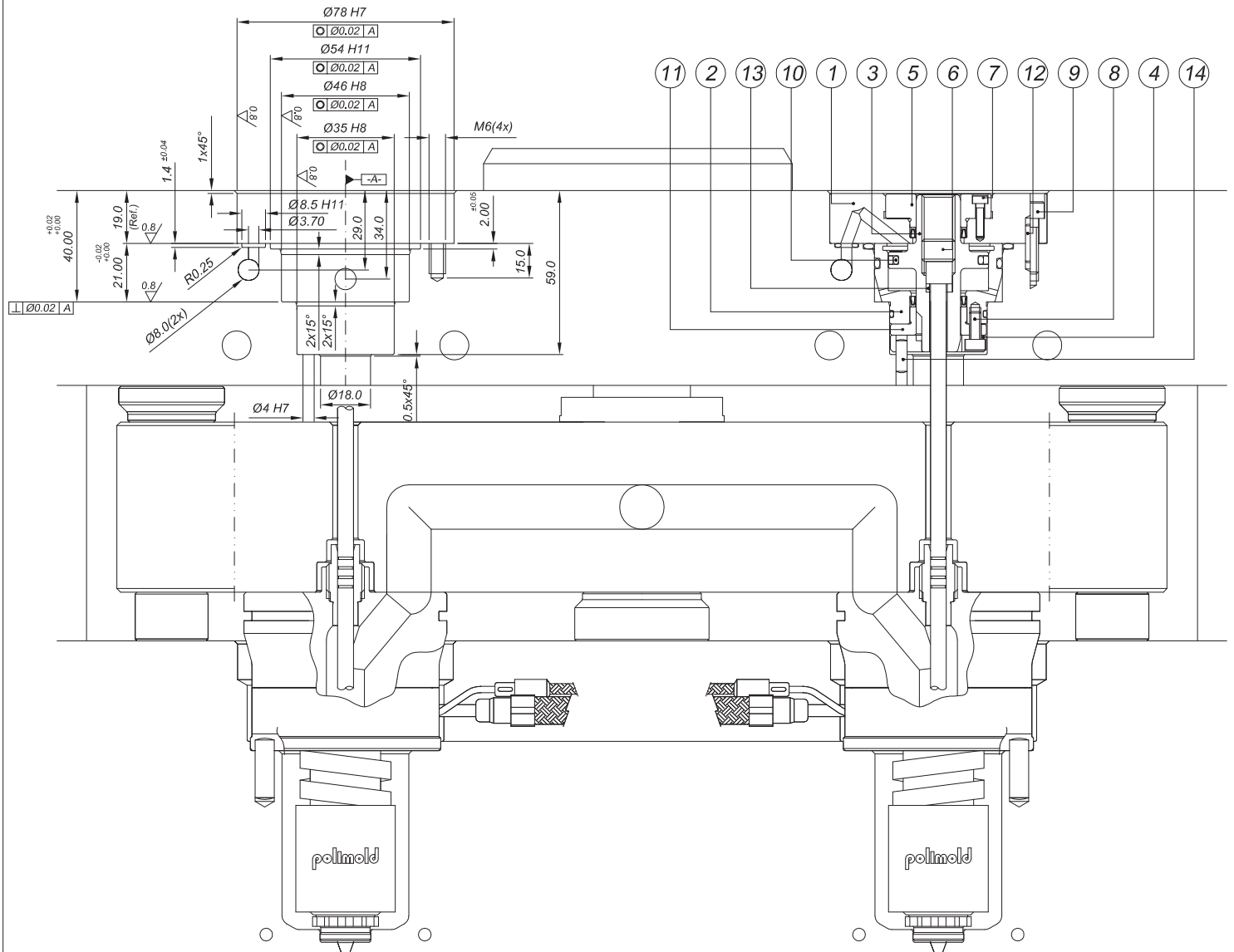


| Series | Code Tip   | Dimension "T" | Dimension "L" | Dimension "G" |
|--------|------------|---------------|---------------|---------------|
| V50    | PMA06023-B | 10.00         | 10.00         | 1.5           |
|        | PMA06033-B |               |               | 2.0           |
| V200   | PMA10023-B | 14.00         | 18.00         | 2.0           |
|        | PMA10033-B |               |               | 2.5           |
|        | PMA10043-B |               |               | 3.0           |
|        | PMA10053-B |               |               | 3.5           |
|        | PMA10063-B |               |               | 4.0           |
| V500   | PMA12023-B | 16.00         | 18.00         | 2.5           |
|        | PMA12033-B |               |               | 3.0           |
|        | PMA12043-B |               |               | 3.5           |
|        | PMA12053-B |               |               | 4.0           |
|        | PMA12063-B |               |               | 4.5           |
|        | PMA12073-B |               |               | 5.0           |
| V800   | PMA16023-B | 18.00         | 18.00         | 3.0           |
|        | PMA16033-B |               |               | 4.0           |
|        | PMA16043-B |               |               | 5.0           |
|        | PMA16053-B |               |               | 6.0           |
| V1000  | PMA20023-B | 22.00         | 18.00         | 3.0           |
|        | PMA20033-B |               |               | 4.0           |
|        | PMA20043-B |               |               | 5.0           |
|        | PMA20053-B |               |               | 6.0           |



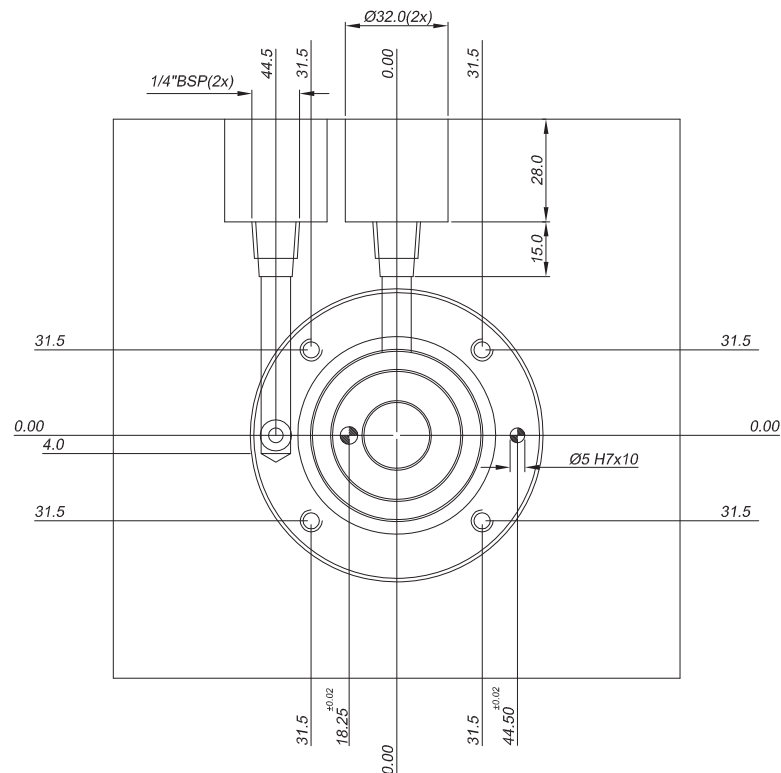
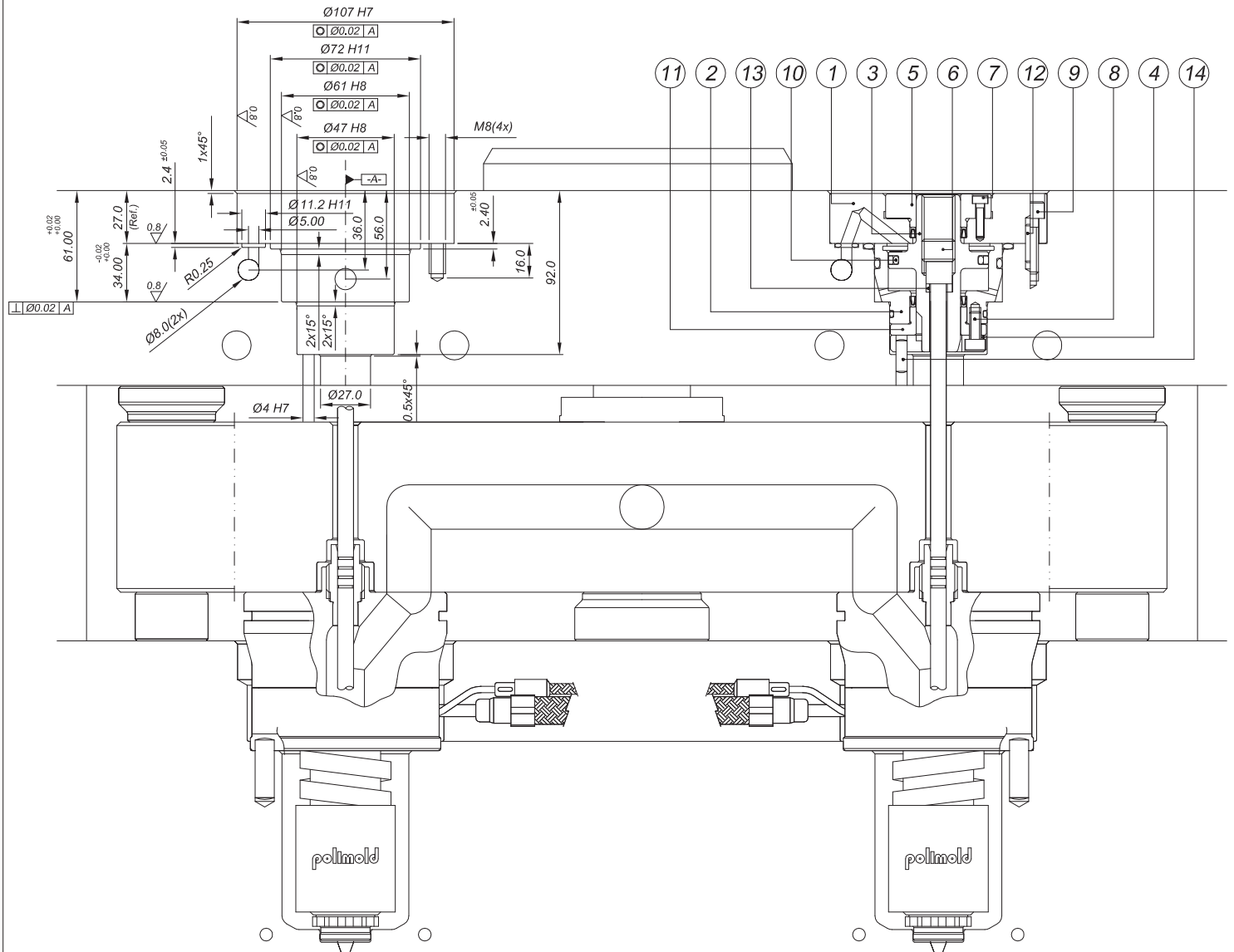
## Components

| <i>Pos.</i> | <i>Description</i> | <i>Qty.</i> | <i>Code</i>   |
|-------------|--------------------|-------------|---------------|
| 01          | Top Cover          | 01          | TSP06210      |
| 02          | Cylinder Housing   | 01          | CCP06220      |
| 03          | Piston             | 01          | EMP06230      |
| 04          | Positioner         | 01          | PSP06240      |
| 05          | Top Guide          | 01          | TVP06260      |
| 06          | Screw Plug         | 01          | PP06270       |
| 07          | Clamp Screw        | 04          | M3x8-DIN912   |
| 08          | Clamp Screw        | 02          | M3x8-DIN912   |
| 09          | Clamp Screw        | 04          | M6x20-DIN912  |
| 10          | Seal Kit           | 01          | KVP06400      |
| 11          | Guide Sleeve       | 01          | BGP06280      |
| 12          | Dowel Pin          | 01          | Ø3x12-DIN6325 |
| 13          | Fitting Shim       | 01          | BRP06250      |
| 14          | Dowel Pin          | 01          | Ø4x12-DIN6325 |



### Hydraulic Cylinder -CHP10200

| Components |                  |      |               |
|------------|------------------|------|---------------|
| Pos.       | Description      | Qty. | Code          |
| 01         | Top Cover        | 01   | TSP10210      |
| 02         | Cylinder Housing | 01   | CCP10220      |
| 03         | Piston           | 01   | EMP10230      |
| 04         | Positioner       | 01   | PSP10240      |
| 05         | Top Guide        | 01   | TVP10260      |
| 06         | Screw Plug       | 01   | PP10275       |
| 07         | Clamp Screw      | 04   | M3x10-DIN912  |
| 08         | Clamp Screw      | 02   | M4x10-DIN912  |
| 09         | Clamp Screw      | 04   | M6x20-DIN912  |
| 10         | Seal Kit         | 01   | KVP10400      |
| 11         | Guide Sleeve     | 01   | BGP10280      |
| 12         | Dowel Pin        | 01   | Ø3x12-DIN6325 |
| 13         | Fitting Shim     | 01   | BRP10250      |
| 14         | Dowel Pin        | 01   | Ø4x12-DIN6325 |



### Hydraulic Cylinder -CHP20500

#### Components

| Pos. | Description      | Qty. | Code          |
|------|------------------|------|---------------|
| 01   | Top Cover        | 01   | TSP20210      |
| 02   | Cylinder Housing | 01   | CCP20220      |
| 03   | Piston           | 01   | EMP20230      |
| 04   | Positioner       | 01   | PSP20240      |
| 05   | Top Guide        | 01   | TVP20260      |
| 06   | Screw Plug       | 01   | PP20275       |
| 07   | Clamp Screw      | 04   | M5x16-DIN912  |
| 08   | Clamp Screw      | 02   | M4x10-DIN912  |
| 09   | Clamp Screw      | 04   | M8x30-DIN912  |
| 10   | Seal Kit         | 01   | KVP20400      |
| 11   | Guide Sleeve     | 01   | BGP20280      |
| 12   | Dowel Pin        | 01   | Ø5x16-DIN6325 |
| 13   | Fitting Shim     | 01   | BRP20250      |
| 14   | Dowel Pin        | 01   | Ø4x12-DIN6325 |

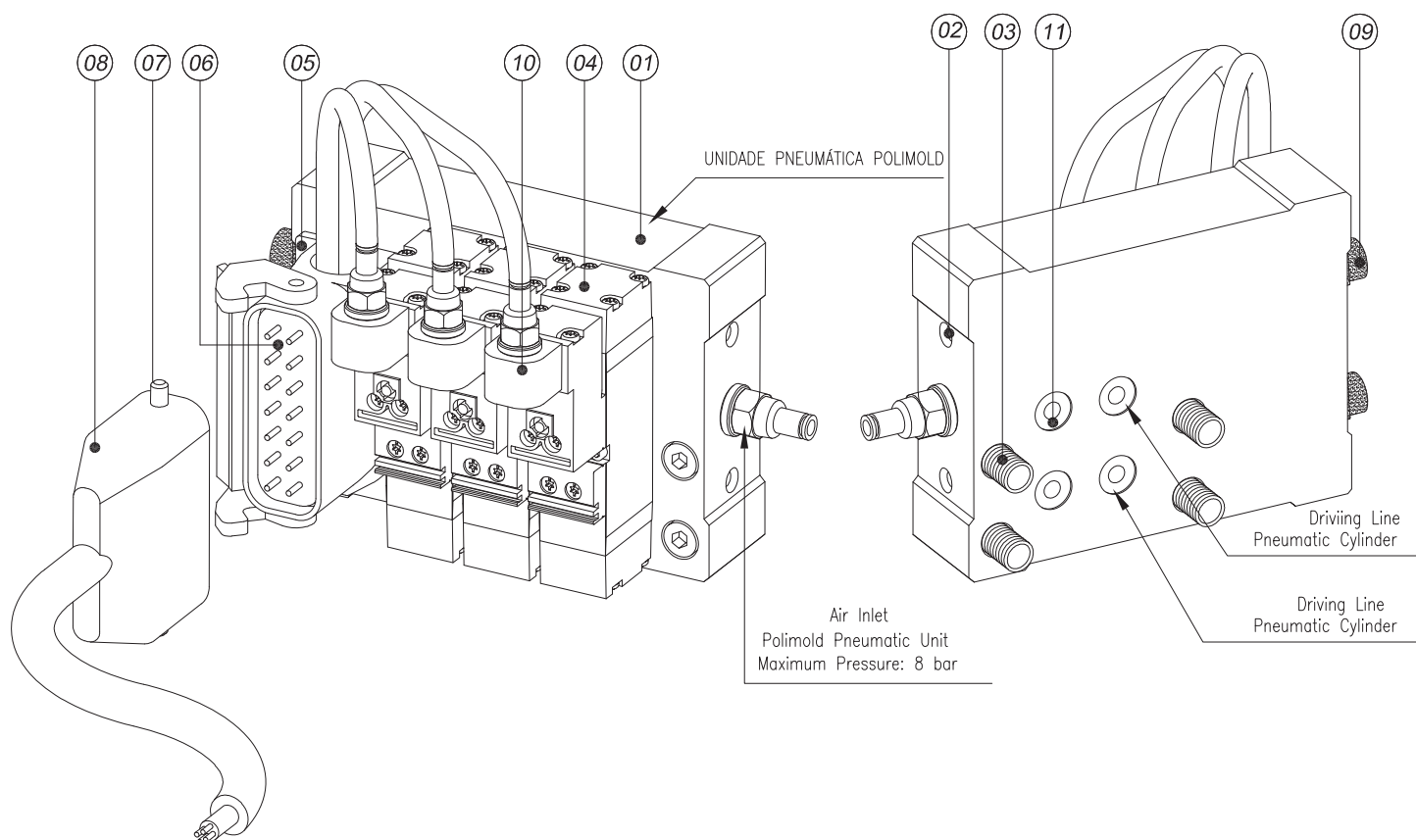




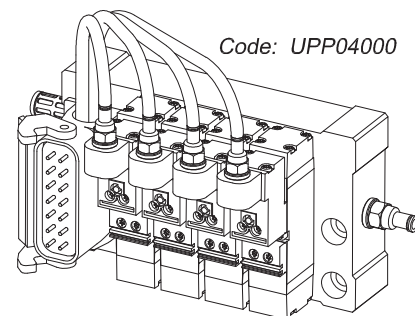
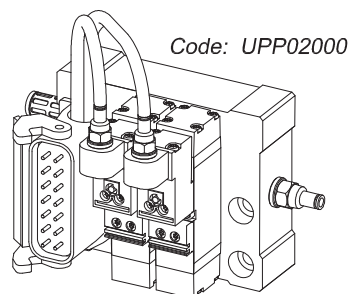
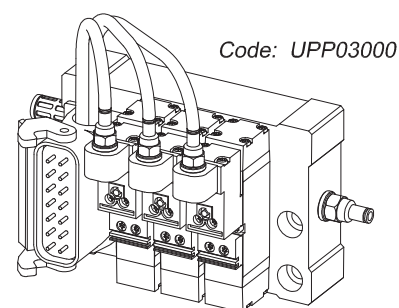
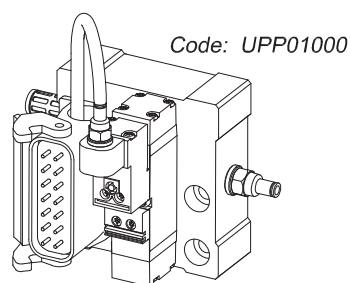
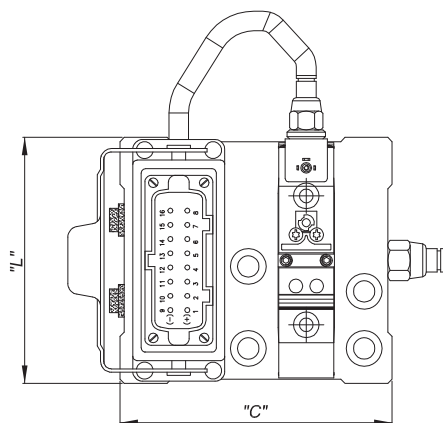
### Components

| Pos. | Description      | Qty. | Code          |
|------|------------------|------|---------------|
| 01   | Top Cover        | 01   | TSP20215      |
| 02   | Cylinder Housing | 01   | CCP20225      |
| 03   | Piston           | 01   | EMP20235      |
| 04   | Positioner       | 01   | PSP20245      |
| 05   | Screw Plug       | 01   | PP20275       |
| 06   | Clamp Screw      | 02   | M4x15-DIN912  |
| 07   | Clamp Screw      | 03   | M5x12-DIN912  |
| 08   | Seal Kit         | 01   | KPP20450      |
| 09   | Secondary Cover  | 01   | STP20255      |
| 10   | Clamp Screw      | 02   | M4x8-DIN7991  |
| 11   | Guide Sleeve     | 01   | BGP20265      |
| 12   | Fitting Shim     | 01   | BRP20250      |
| 13   | Dowel Pin        | 01   | Ø4x12-DIN6325 |

## Polimold Pneumatic Unit



## Dimensions and Codes

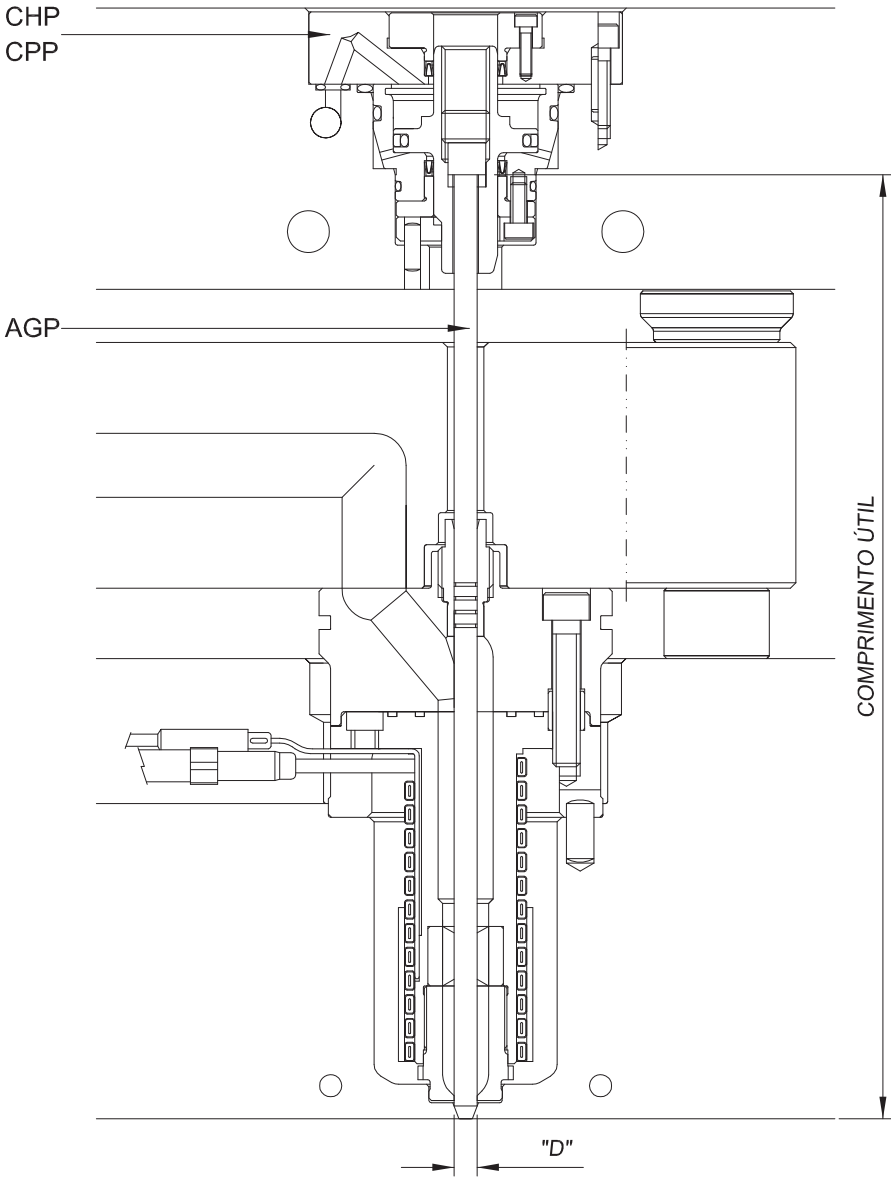


| Components |                    |          |
|------------|--------------------|----------|
| Pos.       | Description        | Code     |
| 01         | Pneumatic Manifold | MPP...   |
| 02         | Screw Plug         | B1018    |
| 03         | Clamp Screw        | M8X60    |
| 04         | Solenoid Valve     | MN2H52   |
| 05         | Connector Base     | HAN16AB  |
| 06         | Connector          | HAN16AM  |
| 07         | Connector Housing  | HAN16AC  |
| 08         | Connector          | HAN16AF  |
| 09         | Silencer           | U-1/4-S  |
| 10         | Solenoid Plug      | KMEB25   |
| 11         | Seal Ring          | SAE2-012 |

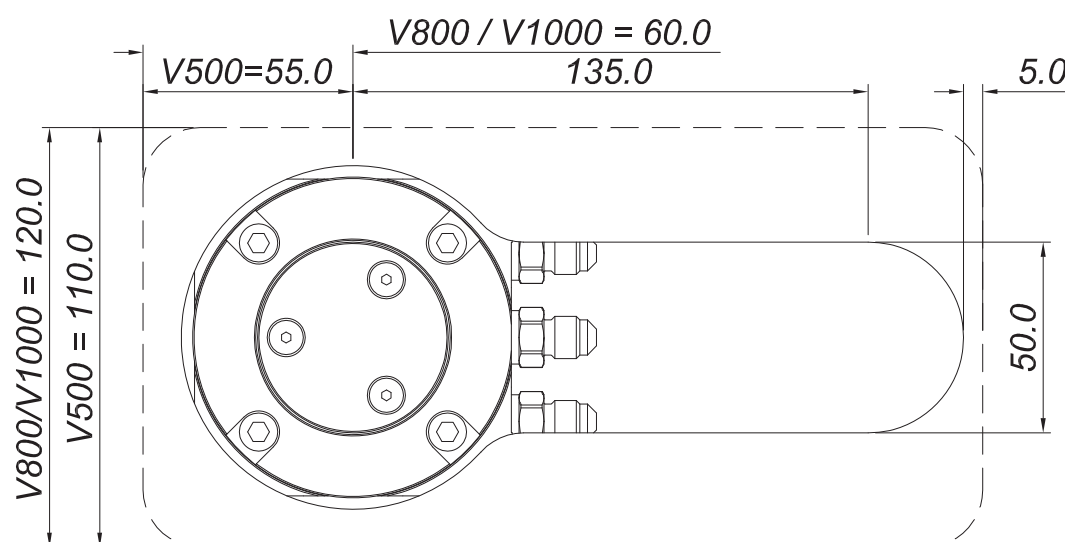
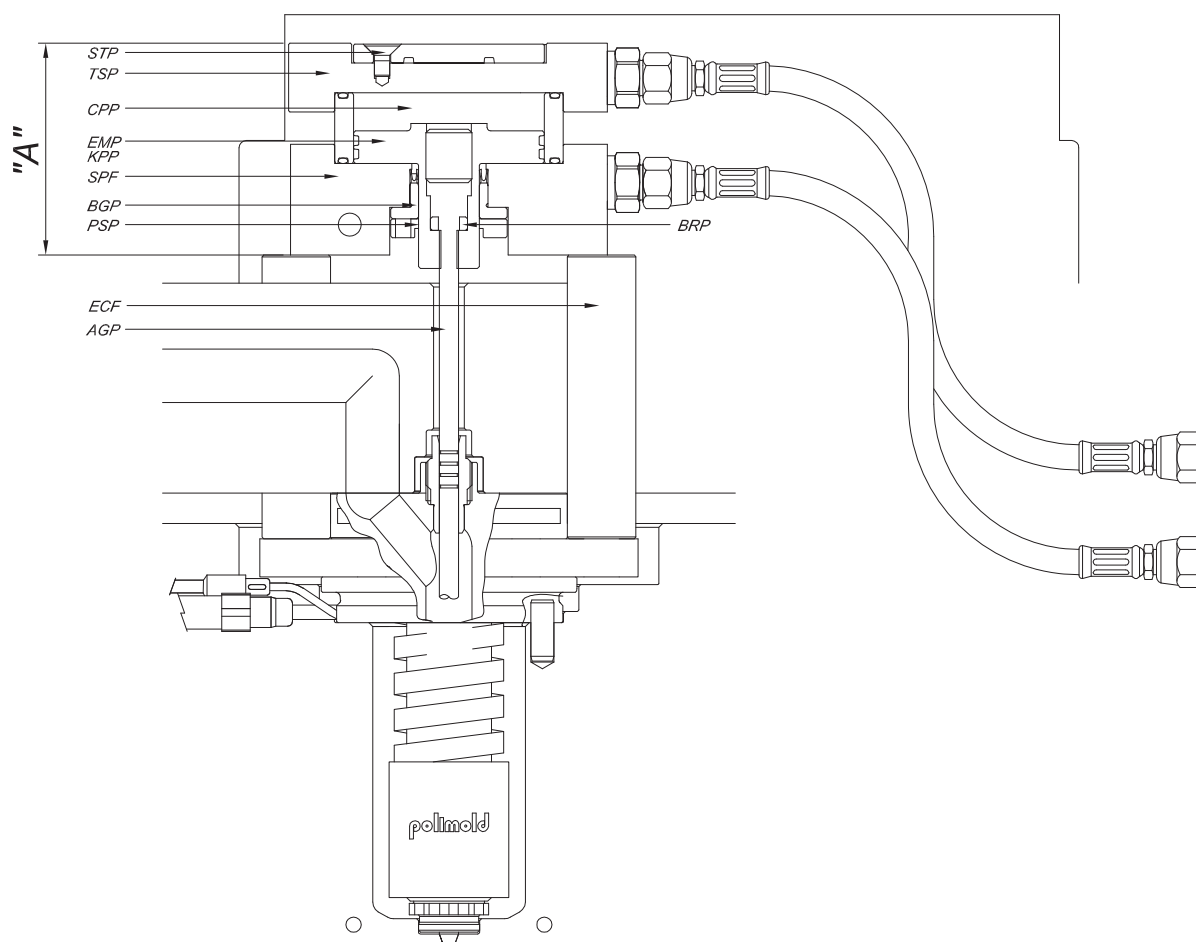
| Polimold Pneumatic Unit |               |           |       |                    |
|-------------------------|---------------|-----------|-------|--------------------|
| Code                    | Driving Lines | Dimension |       | Pneumatic Manifold |
|                         |               | "L"       | "C"   |                    |
| UPP01000                | 01            | 115.0     | 135.0 | MPP01000           |
| UPP02000                | 02            | 115.0     | 165.0 | MPP02000           |
| UPP03000                | 03            | 115.0     | 195.0 | MPP03000           |
| UPP04000                | 04            | 115.0     | 225.0 | MPP04000           |



Valve Pins



| Valve Pins Standard Dimensions |              |          |          |          |          |          |          |
|--------------------------------|--------------|----------|----------|----------|----------|----------|----------|
| Cilynder Series                | Diameter "D" | Lenght   |          |          |          |          |          |
|                                | Ø (mm)       | 100mm    | 200mm    | 300mm    | 400mm    | 500mm    | 600mm    |
| Series V50                     | 2.5          | AGP06600 | AGP06610 | AGP06620 |          |          |          |
| Series V200                    | 4.0          |          | AGP10600 | AGP10610 | AGP10620 |          |          |
| Series V500                    | 5.0          |          | AGP12600 | AGP12610 | AGP12620 |          |          |
| Series V800                    | 6.0          |          |          |          | AGP16600 | AGP16610 | AGP16620 |
| Series V1000                   | 8.0          |          |          |          | AGP20600 | AGP20610 | AGP20620 |



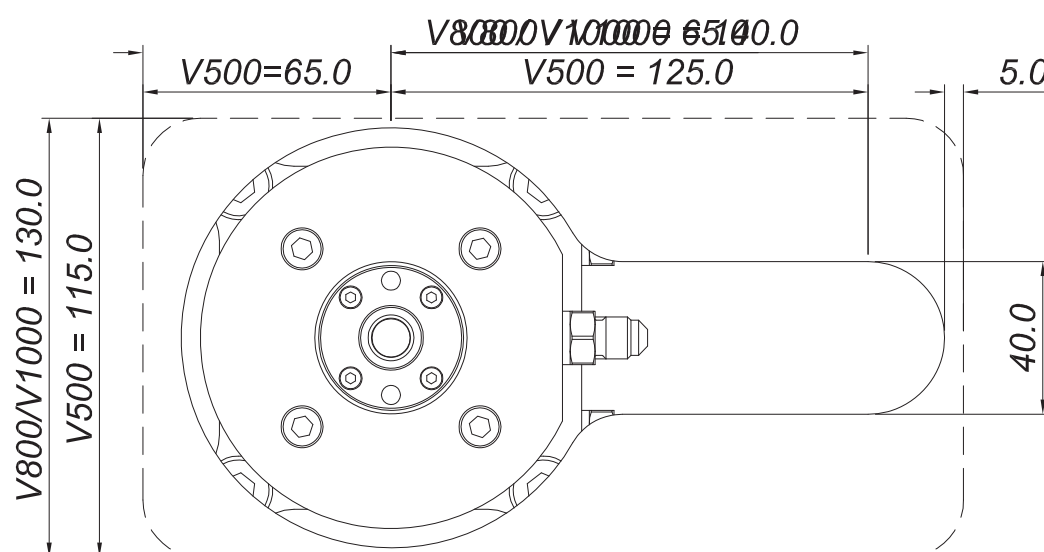
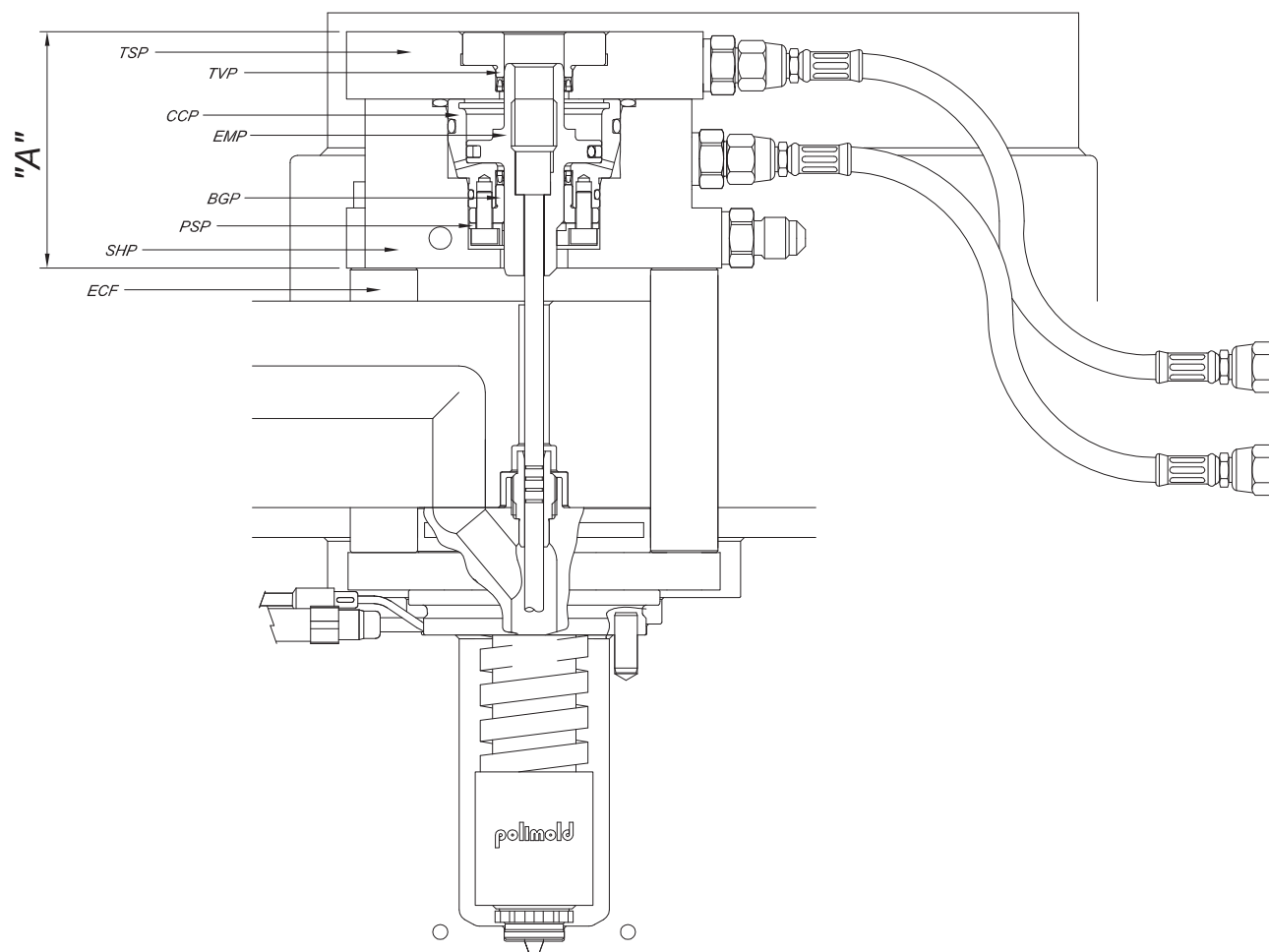
Pneumatic Cylinder

| Code       | Series | Dimension<br>"A" | Top<br>Cover | Secondary<br>Cover | Spacer   | Housing    | Piston     | Base       | Positioner | Seal Kits  | Screws  | Hose Fitting | Plug |
|------------|--------|------------------|--------------|--------------------|----------|------------|------------|------------|------------|------------|---------|--------------|------|
| CPP10850-A | 500    | 55.5             | TSP10815-B   | STP10255-B         | ECF20075 | CCP10825-B | EMP10235-B | SPF10800-B | PSP10245-B | KPP10850-B | M10X100 | TFG1069IN    | RTCD |
| CPP20850-A | 800    | 71.0             | TSP20815-B   | STP20255-B         | ECF20095 | CCP20825-B | EMP20235-B | SPF20800-B | PSP20245-B | KPP20850-B | M10X120 | TFG1069IN    | RTCD |
| CPP20850-A | 1000   | 71.0             | TSP20815-B   | STP20255-B         | ECF20095 | CCP20825-B | EMP20235-B | SPF20800-B | PSP20245-B | KPP20850-B | M10X120 | TFG1069IN    | RTCD |

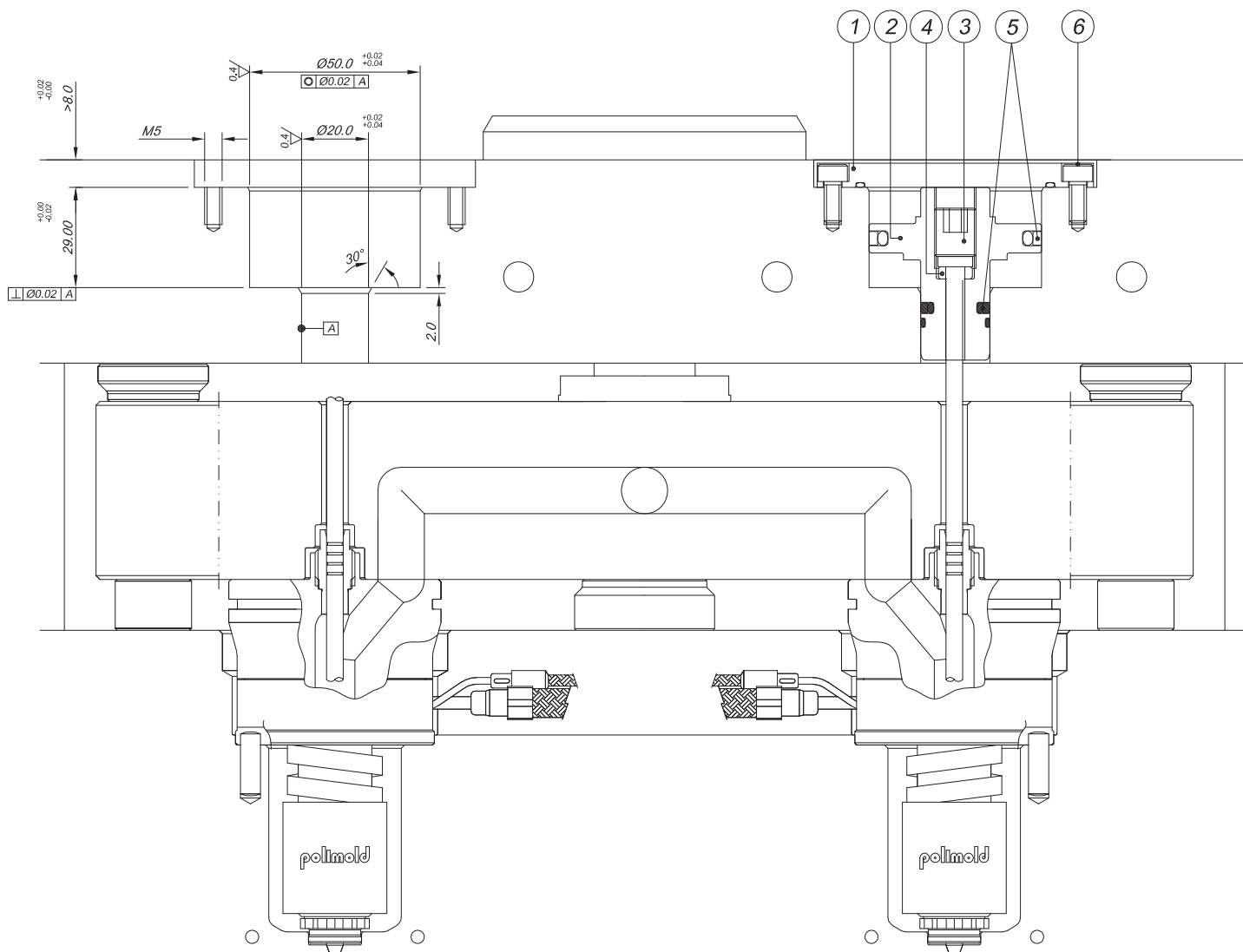
# Series V500 / 800 / 1000

Polivalve Line

Components



| Code       | Series | Dimension "A" | Top Cover  | Top Guide  | Spacer   | Body       | Piston     | Base       | Positioner | Seal Kits  | Screws  | Hose Fitting | Plug |
|------------|--------|---------------|------------|------------|----------|------------|------------|------------|------------|------------|---------|--------------|------|
| CHP10850-A | 500    | 63.0          | TSP10850-B | TVP10260-B | ECF20075 | CCP10220-B | EMP10230-B | SHP10850-B | PSP10240-B | KVP10400-B | M10X100 | TFG1069IN    | RTCD |
| CHP20850-A | 800    | 97.0          | TSP20850-B | TVP20260-B | ECF20088 | CCP20220-B | EMP20230-B | SHP20850-B | PSP20240-B | KVP20400-B | M10X110 | TFG1069IN    | RTCD |
| CHP20850-A | 1000   | 97.0          | TSP20850-B | TVP20260-B | ECF20088 | CCP20220-B | EMP20230-B | SHP20850-B | PSP20240-B | KVP20400-B | M10X110 | TFG1069IN    | RTCD |



### Pneumatic Cylinder -CPP10140-A

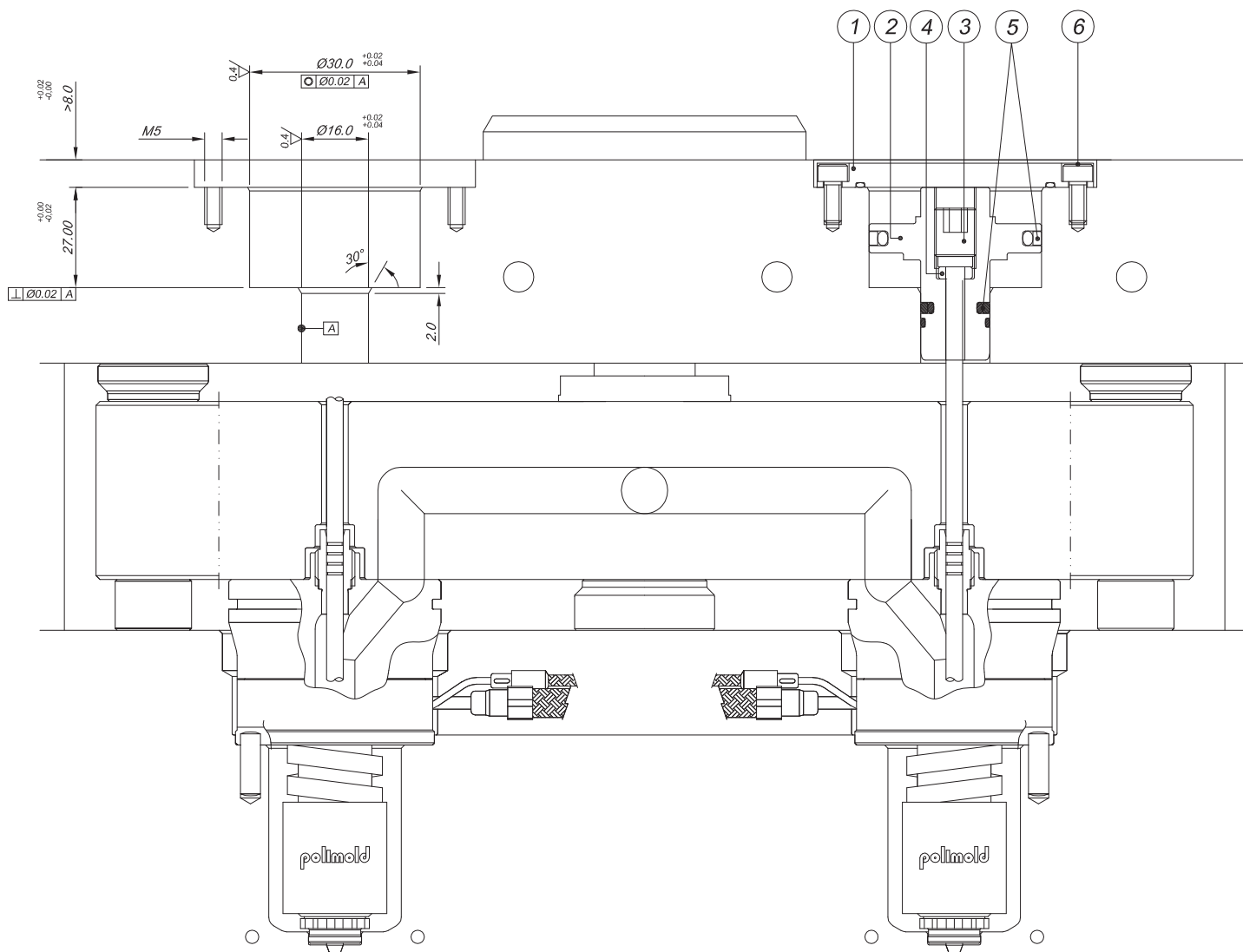
#### Components

| Pos. | Description  | Qty. | Code                    |
|------|--------------|------|-------------------------|
| 01   | Top Cover    | 01   | TSP10115-A              |
| 02   | Piston       | 01   | EMP10135-A              |
| 03   | Screw Plug   | 01   | PP10275-B               |
| 04   | Fitting Shim | 01   | V50 = BRP10140-A<br>--- |
| 05   | Seal Kit     | 01   | KPP10150-A              |

### Pneumatic Cylinder -CPP10150-A

#### Components

| Pos. | Description  | Qty. | Code                                   |
|------|--------------|------|----------------------------------------|
| 01   | Top Cover    | 01   | TSP10115-A                             |
| 02   | Piston       | 01   | EMP10135-A                             |
| 03   | Screw Plug   | 01   | PP10275-B                              |
| 04   | Fitting Shim | 01   | ---                                    |
| 05   | Seal Kit     | 01   | V200 / V500 = BRP10150-A<br>KPP10150-A |



### Pneumatic Cylinder -CPP05140-A

#### Components

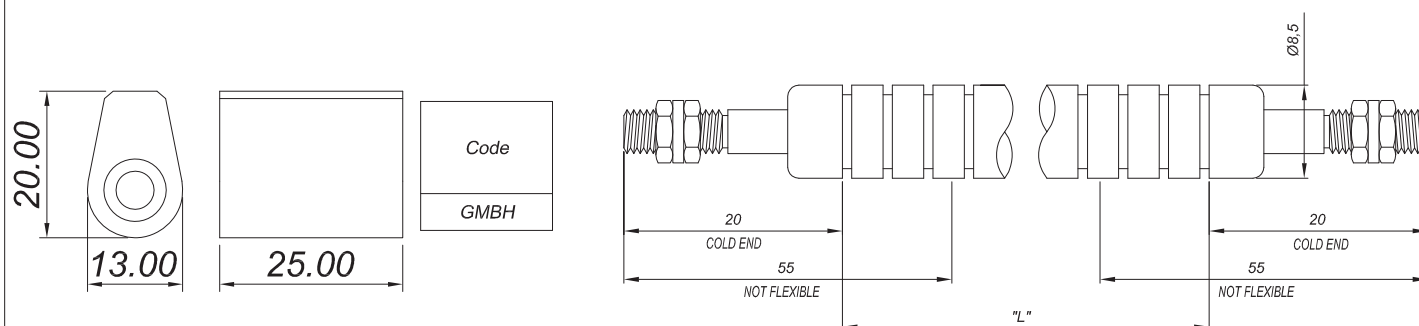
| Pos. | Description  | Qty. | Code       |
|------|--------------|------|------------|
| 01   | Top Cover    | 01   | TSP05115-A |
| 02   | Piston       | 01   | EMP05125-A |
| 03   | Screw Plug   | 01   | PP05275-B  |
| 04   | Fitting Shim | 01   | BRP05140-A |
| 05   | Seal Kit     | 01   | KPP05150-A |

# MANIFOLD PARTS

Spare Parts for Manifolds

Flexible Tubular Heater

**polimold**  
INDUSTRIAL S.A.



| Assembly Code         | Assembly            |                                   | Code DA MONTAGEM      |                    |                     |
|-----------------------|---------------------|-----------------------------------|-----------------------|--------------------|---------------------|
|                       | Heater Code         | Ceramic Terminal<br>(Quantity 02) | Dimension "L"<br>[mm] | Low Wattage<br>[W] | High Wattage<br>[W] |
| CRF00650              | RL650W              | GMBH                              | 300                   | 650                | -                   |
| CRF00750              | RL750W              |                                   | 350                   | 750                | -                   |
| CRF00900              | RL900W              |                                   | 400                   | 900                | -                   |
| CRF01050              | RL1050W             |                                   | 450                   | 1050               | -                   |
| CRF00700 - CRF01150   | RL700W - RL1150W    |                                   | 500                   | 700                | 1150                |
| CRF00780 - CRF01300   | RL780W - RL1300W    |                                   | 550                   | 780                | 1300                |
| CRF00860 - CRF01450   | RL860W - RL1450W    |                                   | 600                   | 860                | 1450                |
| CRF00950 - CRF01600   | RL950W - RL1600W    |                                   | 650                   | 950                | 1600                |
| CRF01000 - CRF01750   | RL1000W - RL1750W   |                                   | 700                   | 1000               | 1750                |
| CRF01100 - CRF01900   | RL1100W - RL1900W   |                                   | 750                   | 1100               | 1900                |
| CRF01190 - CRF02050   | RL1190W - RL2050W   |                                   | 800                   | 1190               | 2050                |
| CRF01250 - CRF02200   | RL1250W - RL2200W   |                                   | 850                   | 1250               | 2200                |
| CRF01350 - CRF02350   | RL1350W - RL2350W   |                                   | 900                   | 1350               | 2350                |
| CRF01430 - CRF02500   | RL1430W - RL2500W   |                                   | 950                   | 1430               | 2500                |
| CRF01500 - CRF02650   | RL1500W - RL2650W   |                                   | 1000                  | 1500               | 2650                |
| CRF01590 - CRF02800   | RL1590W - RL2800W   |                                   | 1050                  | 1590               | 2800                |
| CRF01650 - CRF02930   | RL1650W - RL2930W   |                                   | 1100                  | 1650               | 2930                |
| CRF01750-2 - CRF03060 | RL1750W2 - RL03060W |                                   | 1150                  | 1750               | 3060                |
| CRF01830 - CRF03190   | RL1830W - RL3190W   |                                   | 1200                  | 1830               | 3190                |
| CRF01900-2            | RL1900W2            |                                   | 1250                  | 1900               | -                   |
| CRF01990              | RL1990W             |                                   | 1300                  | 1990               | -                   |
| CRF02070              | RL2070W             |                                   | 1350                  | 2070               | -                   |
| CRF02150              | RL2150W             |                                   | 1400                  | 2150               | -                   |
| CRF02230              | RL2230W             |                                   | 1450                  | 2230               | -                   |
| CRF02300              | RL2300W             |                                   | 1500                  | 2300               | -                   |

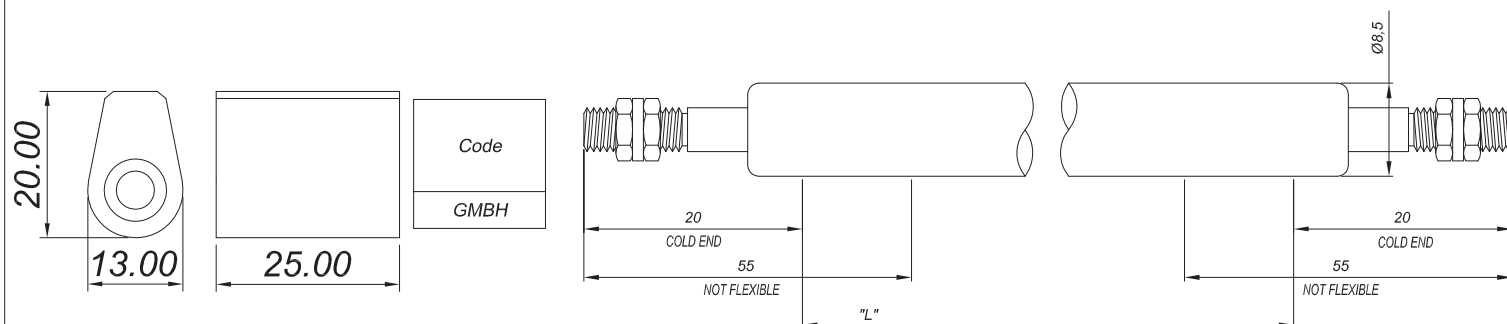
**\*\*Note.** -Minimum bend radius: 16,5mm

# MANIFOLD PARTS

Spare Parts for Manifolds

Rigid Tubular Heater

**polimold**  
INDUSTRIAL S.A.



| Code DA MONTAGEM<br>Heater TUBULAR | Code DA MONTAGEM          |                                       | Code DA MONTAGEM      |                      |                     |
|------------------------------------|---------------------------|---------------------------------------|-----------------------|----------------------|---------------------|
|                                    | Code DA<br>Heater TUBULAR | TERMINAL DE CERÂMICA<br>(Quantity 02) | Dimension "L"<br>[mm] | Wattage BAIXA<br>[W] | Wattage ALTA<br>[W] |
| CRR00650                           | RR650W                    | GBMH                                  | 300                   | 650                  | -                   |
| CRR00750                           | RR750W                    |                                       | 350                   | 750                  | -                   |
| CRR00900                           | RR900W                    |                                       | 400                   | 900                  | -                   |
| CRR01050                           | RR1050W                   |                                       | 450                   | 1050                 | -                   |
| CRR00700 - CRR01150                | RR700W - RR1150W          |                                       | 500                   | 700                  | 1150                |
| CRR00780 - CRR01300                | RR780W - RR1300W          |                                       | 550                   | 780                  | 1300                |
| CRR00860 - CRR01450                | RR860W - RR1450W          |                                       | 600                   | 860                  | 1450                |
| CRR00950 - CRR01600                | RR950W - RR1600W          |                                       | 650                   | 950                  | 1600                |
| CRR01000 - CRR01750                | RR1000W - RR1750W         |                                       | 700                   | 1000                 | 1750                |
| CRR01100 - CRR01900                | RR1100W - RR1900W         |                                       | 750                   | 1100                 | 1900                |
| CRR01190 - CRR02050                | RR1190W - RR2050W         |                                       | 800                   | 1190                 | 2050                |
| CRR01250 - CRR02200                | RR1250W - RR2200W         |                                       | 850                   | 1250                 | 2200                |
| CRR01350 - CRR02350                | RR1350W - RR2350W         |                                       | 900                   | 1350                 | 2350                |
| CRR01430 - CRR02500                | RR1430W - RR2500W         |                                       | 950                   | 1430                 | 2500                |
| CRR01500 - CRR02650                | RR1500W - RR2650W         |                                       | 1000                  | 1500                 | 2650                |
| CRR01590 - CRR02800                | RR1590W - RR2800W         |                                       | 1050                  | 1590                 | 2800                |
| CRR01650 - CRR02930                | RR1650W - RR2930W         |                                       | 1100                  | 1650                 | 2930                |
| CRR01750-2 - CRR03060              | RR1750W2 - RR03060W       |                                       | 1150                  | 1750                 | 3060                |
| CRR01830 - CRR03190                | RR1830W - RR3190W         |                                       | 1200                  | 1830                 | 3190                |
| CRR01900-2                         | RR1900W2                  |                                       | 1250                  | 1900                 | -                   |
| CRR01990                           | RR1990W                   |                                       | 1300                  | 1990                 | -                   |
| CRR02070                           | RR2070W                   |                                       | 1350                  | 2070                 | -                   |
| CRR02150                           | RR2150W                   |                                       | 1400                  | 2150                 | -                   |
| CRR02230                           | RR2230W                   |                                       | 1450                  | 2230                 | -                   |
| CRR02300                           | RR2300W                   |                                       | 1500                  | 2300                 | -                   |

**\*\*Note.** -Minimum bend radius: 16,5mm

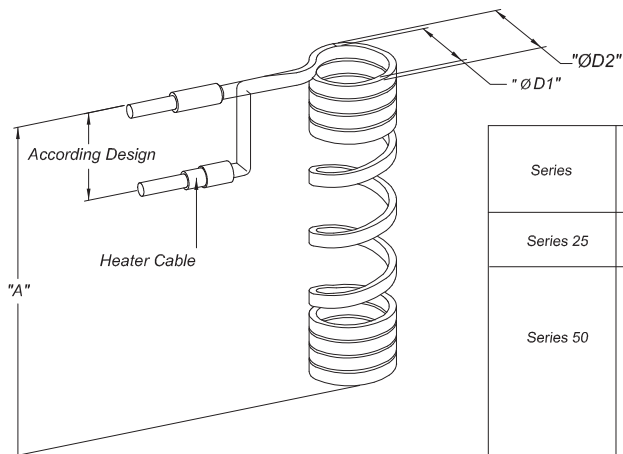


# NOZZLE PARTS

Spare Part for Nozzles

RLP Heaters

**polimold**  
INDUSTRIAL S.A.



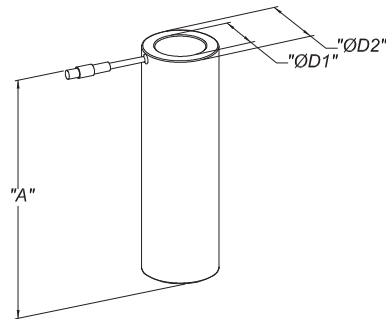
| Series      | Product Line                         | Code     | ØD1   | ØD2   | "A"   | Wattage | RLP       |
|-------------|--------------------------------------|----------|-------|-------|-------|---------|-----------|
| Series 25   | PoliFast                             | RHP04055 | 10.00 | 12.00 | 55.0  | 135     | ---       |
|             |                                      | RHP04080 |       |       | 80.0  | 155     | ---       |
|             |                                      | RHP04105 |       |       | 105.0 | 155     | ---       |
| Series 50   | PoliFast<br>PoliValve                | RHP05025 | 12.50 | 16.90 | 25.0  | 195     | RLP22320  |
|             |                                      | RHP05040 |       |       | 40.0  | 260     | RLP22420  |
|             |                                      | RHP05046 |       |       | 46.0  | 260     | RLP22420  |
|             |                                      | RHP05055 |       |       | 55.0  | 260     | RLP22420  |
|             |                                      | RHP05061 |       |       | 61.0  | 260     | RLP22420  |
|             |                                      | RHP05080 |       |       | 80.0  | 350     | RLP22520  |
|             |                                      | RHP05086 |       |       | 86.0  | 350     | RLP22520  |
|             |                                      | RHP05105 |       |       | 105.0 | 350     | RLP22520  |
|             |                                      | RHP05109 |       |       | 109.0 | 350     | RLP22520  |
|             |                                      | RHP05130 |       |       | 130.0 | 500     | RLP22720  |
|             |                                      | RHP05155 |       |       | 155.0 | 690     | RLP22970  |
|             |                                      | RHP05180 |       |       | 180.0 | 690     | RLP22970  |
|             |                                      | RHP06051 |       |       | 51.0  | 350     | RLP22520  |
|             |                                      | RHP06063 |       |       | 63.0  | 350     | RLP22520  |
|             |                                      | RHP06076 |       |       | 76.0  | 400     | RLP22620  |
| Series 200  | Polimax                              | RHP06089 | 15.88 | 20.28 | 89.0  | 400     | RLP22620  |
|             |                                      | RHP06102 |       |       | 102.0 | 500     | RLP22720  |
|             |                                      | RHP06127 |       |       | 127.0 | 500     | RLP22720  |
|             |                                      | RHP06153 |       |       | 153.0 | 610     | RLP22820  |
|             |                                      | RHP06029 |       |       | 29.0  | 215     | RLP22370  |
|             | PoliCosmetic<br>PoliValve            | RHP06036 | 19.05 | 23.45 | 36.0  | 260     | RLP22420  |
|             |                                      | RHP06049 |       |       | 49.0  | 350     | RLP22570  |
|             |                                      | RHP06062 |       |       | 62.0  | 400     | RLP22620  |
|             |                                      | RHP06075 |       |       | 75.0  | 460     | RLP22670  |
|             |                                      | RHP06087 |       |       | 87.0  | 460     | RLP22670  |
|             |                                      | RHP06113 |       |       | 113.0 | 610     | RLP22820  |
|             |                                      | RHP06138 |       |       | 138.0 | 610     | RLP22820  |
|             |                                      | RHP06150 |       |       | 150.0 | 610     | RLP22820  |
|             |                                      | RHP10054 |       |       | 54.0  | 400     | RLP22620  |
|             |                                      | RHP10067 |       |       | 67.0  | 400     | RLP22620  |
| Series 500  | Polimax<br>PoliCosmetic<br>PoliValve | RHP10080 | 22.22 | 26.62 | 80.0  | 500     | RLP22720  |
|             |                                      | RHP10092 |       |       | 92.0  | 690     | RLP22970  |
|             |                                      | RHP10105 |       |       | 105.0 | 690     | RLP22970  |
|             |                                      | RHP10130 |       |       | 130.0 | 760     | RLP221070 |
|             |                                      | RHP10156 |       |       | 156.0 | 760     | RLP221070 |
|             |                                      | RHP10181 |       |       | 181.0 | 850     | RLP221170 |
|             |                                      | RHP14065 |       |       | 65.0  | 610     | RLP22820  |
|             |                                      | RHP14070 |       |       | 70.0  | 610     | RLP22820  |
|             |                                      | RHP14082 |       |       | 82.0  | 690     | RLP22970  |
|             |                                      | RHP14090 |       |       | 90.0  | 690     | RLP22970  |
| Series 800  | Polimax<br>PoliCosmetic<br>PoliValve | RHP14095 | 30.00 | 34.40 | 95.0  | 690     | RLP22970  |
|             |                                      | RHP14107 |       |       | 107.0 | 760     | RLP221070 |
|             |                                      | RHP14115 |       |       | 115.0 | 760     | RLP221070 |
|             |                                      | RHP14120 |       |       | 120.0 | 760     | RLP221070 |
|             |                                      | RHP14132 |       |       | 132.0 | 850     | RLP221170 |
|             |                                      | RHP14140 |       |       | 140.0 | 850     | RLP221170 |
|             |                                      | RHP14145 |       |       | 145.0 | 850     | RLP221170 |
|             |                                      | RHP14157 |       |       | 157.0 | 850     | RLP221170 |
|             |                                      | RHP14165 |       |       | 165.0 | 850     | RLP221170 |
|             |                                      | RHP14170 |       |       | 170.0 | 850     | RLP221170 |
|             |                                      | RHP14182 |       | 39.20 | 182.0 | 900     | RLP461070 |
|             |                                      | RHP14190 |       |       | 190.0 | 900     | RLP461070 |
|             |                                      | RHP14195 |       |       | 195.0 | 900     | RLP461070 |
|             |                                      | RHP14207 |       |       | 207.0 | 900     | RLP461070 |
|             |                                      | RHP14215 |       |       | 215.0 | 900     | RLP461070 |
|             |                                      | RHP14220 |       |       | 220.0 | 900     | RLP461070 |
|             |                                      | RHP14232 |       |       | 232.0 | 900     | RLP461070 |
|             |                                      | RHP14265 |       |       | 265.0 | 1100    | RLP461500 |
|             |                                      | RHP14270 |       |       | 270.0 | 1100    | RLP461500 |
|             |                                      | RHP14315 |       |       | 315.0 | 1100    | RLP461500 |
|             |                                      | RHP14320 |       |       | 320.0 | 1100    | RLP461500 |
|             |                                      | RHP14365 |       |       | 365.0 | 1100    | RLP461500 |
|             |                                      | RHP14370 |       |       | 370.0 | 1100    | RLP461500 |
|             |                                      | RHP14420 |       |       | 420.0 | 1100    | RLP461500 |
|             |                                      | RHP14470 |       |       | 470.0 | 1100    | RLP461500 |
| Series 1000 | Polimax<br>PoliCosmetic<br>PoliValve | RHP18093 | 38.10 | 42.50 | 93.0  | 1100    | RLP221500 |
|             |                                      | RHP18102 |       |       | 102.0 | 1100    | RLP221500 |
|             |                                      | RHP18118 |       |       | 118.0 | 1100    | RLP221500 |
|             |                                      | RHP18127 |       |       | 127.0 | 1100    | RLP221500 |
|             |                                      | RHP18143 |       |       | 143.0 | 1100    | RLP221500 |
|             |                                      | RHP18153 |       |       | 153.0 | 1100    | RLP221500 |
|             |                                      | RHP18168 |       |       | 168.0 | 1100    | RLP221500 |
|             |                                      | RHP18178 |       |       | 178.0 | 1100    | RLP221500 |
|             |                                      | RHP18193 |       | 47.30 | 193.0 | 1100    | RLP461500 |
|             |                                      | RHP18203 |       |       | 203.0 | 1100    | RLP461500 |
|             |                                      | RHP18218 |       |       | 218.0 | 1100    | RLP461500 |
|             |                                      | RHP18229 |       |       | 229.0 | 1100    | RLP461500 |
|             |                                      | RHP18243 |       |       | 243.0 | 1100    | RLP461500 |
|             |                                      | RHP18254 |       |       | 254.0 | 1100    | RLP461500 |
|             |                                      | RHP18293 |       |       | 293.0 | 1100    | RLP461500 |
|             |                                      | RHP18307 |       |       | 307.0 | 1100    | RLP461500 |
|             |                                      | RHP18343 |       |       | 343.0 | 1100    | RLP461500 |
|             |                                      | RHP18357 |       |       | 357.0 | 1100    | RLP461500 |
|             |                                      | RHP18393 |       |       | 393.0 | 1100    | RLP461500 |
|             |                                      | RHP18407 |       |       | 407.0 | 1100    | RLP461500 |
|             |                                      | RHP18443 |       |       | 443.0 | 1100    | RLP461500 |
|             |                                      | RHP18457 |       |       | 457.0 | 1500    | RLP462000 |
|             |                                      | RHP18493 |       |       | 493.0 | 1500    | RLP462000 |
| Components  | Components                           | RHP08044 | 31.80 | 36.20 | 44.0  | 400     | RLP22620  |
|             |                                      | RHP08070 |       |       | 70.0  | 360     | RLP22420  |

# NOZZLE PARTS

Spare Part for Nozzles

RBP Heaters

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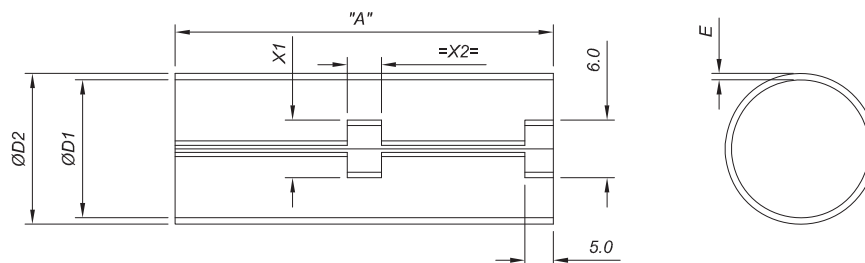
| Series     | Product Line           | Code     | ØD1   | ØD2   | "A"   | Components |          | Wattage [W] | RLP       |
|------------|------------------------|----------|-------|-------|-------|------------|----------|-------------|-----------|
|            |                        |          |       |       |       | RJP        | JCT      |             |           |
| Series 25  | PoliFast               | RBP04045 | 10.0  | 13.0  | 45.0  | RJP04045   | JCT04045 | 175         | ---       |
|            |                        | RBP04055 |       |       | 55.0  | RJP04055   | JCT04055 | 190         | ---       |
|            |                        | RBP04065 |       |       | 65.0  | RJP04065   | JCT04065 | 200         | ---       |
|            |                        | RBP04080 |       |       | 80.0  | RJP04080   | JCT04075 | 210         | ---       |
|            |                        | RBP04105 |       |       | 105.0 | RJP04105   | JCT04100 | 220         | ---       |
| Series 50  | PoliFast               | RBP05044 | 10.0  | 16.0  | 44.0  | ---        | ---      | 175         | ---       |
|            |                        | RBP05054 |       |       | 54.0  | ---        | ---      | 190         | ---       |
|            |                        | RBP05064 |       |       | 64.0  | ---        | ---      | 200         | ---       |
|            | Polivalve              | RBP05025 | 12.5  | 17.90 | 25.0  | RJP05025   | JCT05025 | 195         | RLP22320  |
|            |                        | RBP05040 |       |       | 40.0  | RJP05040   | JCT05040 | 260         | RLP22420  |
|            |                        | RBP05046 |       |       | 46.0  | RJP05046   | JCT05046 | 350         | RLP22520  |
|            |                        | RBP05055 |       |       | 55.0  | RJP05055   | JCT05055 | 350         | RLP22520  |
|            |                        | RBP05061 |       |       | 61.0  | RJP05061   | JCT05061 | 350         | RLP22520  |
|            |                        | RBP05080 |       |       | 80.0  | RJP05080   | JCT05080 | 460         | RLP22670  |
|            |                        | RBP05086 |       |       | 86.0  | RJP05086   | JCT05086 | 460         | RLP22670  |
|            |                        | RBP05105 |       |       | 105.0 | RJP05105   | JCT05105 | 610         | RLP22820  |
|            |                        | RBP05109 |       |       | 109.0 | RJP05109   | JCT05109 | 610         | RLP22820  |
|            |                        | RBP05130 |       |       | 130.0 | RJP05130   | JCT05130 | 690         | RLP22970  |
|            |                        | RBP05155 |       |       | 155.0 | RJP05155   | JCT05155 | 850         | RLP221170 |
|            |                        | RBP05180 |       |       | 180.0 | RJP05180   | JCT05180 | 850         | RLP221170 |
|            |                        | RBP06053 |       |       | 53.0  | RJP06053   | JCT06053 | 460         | RLP22670  |
|            | Polimax                | RBP06065 | 15.88 | 21.88 | 65.5  | RJP06065   | JCT06065 | 460         | RLP22670  |
|            |                        | RBP06078 |       |       | 78.5  | RJP06078   | JCT06078 | 690         | RLP22970  |
|            |                        | RBP06092 |       |       | 92.0  | RJP06092   | JCT06092 | 690         | RLP22970  |
|            |                        | RBP06104 |       |       | 104.0 | RJP06104   | JCT06104 | 760         | RLP221070 |
|            |                        | RBP06129 |       |       | 129.5 | RJP06129   | JCT06129 | 850         | RLP221170 |
|            |                        | RBP06155 |       |       | 155.0 | RJP06155   | JCT06155 | 1100        | RLP221500 |
|            |                        | RBP06030 |       |       | 30.5  | RJP06030   | JCT06030 | 260         | RLP22420  |
|            |                        | RBP06052 |       |       | 52.0  | RJP06052   | JCT06052 | 460         | RLP22670  |
|            |                        | RBP06064 |       |       | 64.0  | RJP06064   | JCT06064 | 460         | RLP22670  |
|            |                        | RBP06077 |       |       | 77.0  | RJP06077   | JCT06077 | 690         | RLP22970  |
| Series 200 | Policosmetic PoliValve | RBP06090 | 19.05 | 25.45 | 90.0  | RJP06090   | JCT06090 | 690         | RLP22970  |
|            |                        | RBP06115 |       |       | 115.0 | RJP06115   | JCT06115 | 760         | RLP221070 |
|            |                        | RBP06140 |       |       | 140.0 | RJP06140   | JCT06140 | 1100        | RLP221500 |
|            |                        | RBP06152 |       |       | 152.0 | RJP06152   | JCT06152 | 1100        | RLP221500 |
|            |                        | RBP10056 | 22.22 | 28.62 | 56.5  | RJP10056   | JCT10056 | 500         | RLP22720  |
|            |                        | RBP10069 |       |       | 69.5  | RJP10069   | JCT10069 | 690         | RLP22970  |
|            |                        | RBP10081 |       |       | 81.5  | RJP10081   | JCT10081 | 760         | RLP221070 |
|            |                        | RBP10094 |       |       | 94.5  | RJP10094   | JCT10094 | 760         | RLP221070 |
|            |                        | RBP10107 |       |       | 107.0 | RJP10107   | JCT10107 | 760         | RLP221070 |
|            |                        | RBP10131 |       |       | 131.5 | RJP10131   | JCT10131 | 850         | RLP221170 |
|            |                        | RBP10158 |       |       | 158.0 | RJP10158   | JCT10158 | 1100        | RLP221500 |
|            |                        | RBP10183 |       |       | 183.5 | RJP10183   | JCT10183 | 1300        | RLP222000 |
|            | Polimax PoliValve      | RBP14065 | 30.00 | 37.28 | 65.0  | RJP14065   | JCT14065 | 850         | RLP221170 |
|            |                        | RBP14070 |       |       | 70.0  | RJP14070   | JCT14070 | 850         | RLP221170 |
|            |                        | RBP14090 |       |       | 90.0  | RJP14090   | JCT14090 | 1100        | RLP221500 |
|            |                        | RBP14095 |       |       | 95.0  | RJP14095   | JCT14095 | 1100        | RLP221500 |
|            |                        | RBP14115 |       |       | 115.0 | RJP14115   | JCT14115 | 1100        | RLP221500 |
|            |                        | RBP14120 |       |       | 120.0 | RJP14120   | JCT14120 | 1100        | RLP221500 |
|            |                        | RBP14140 |       |       | 140.0 | RJP14140   | JCT14140 | 1300        | RLP222000 |
| Series 800 | Polimax PoliValve      | RBP14145 |       |       | 145.0 | RJP14145   | JCT14145 | 1300        | RLP222000 |
|            |                        | RBP14165 |       |       | 165.0 | RJP14165   | JCT14165 | 1300        | RLP222000 |
|            |                        | RBP14170 |       |       | 170.0 | RJP14170   | JCT14170 | 1300        | RLP222000 |
|            |                        | RBP18093 | 38.10 | 45.38 | 93.0  | RJP18093   | JCT18093 | 1100        | RLP221500 |
|            |                        | RBP18102 |       |       | 102.0 | RJP18102   | JCT18102 | 1100        | RLP221500 |
|            |                        | RBP18118 |       |       | 118.0 | RJP18118   | JCT18118 | 1100        | RLP221500 |
|            |                        | RBP18127 |       |       | 127.0 | RJP18127   | JCT18127 | 1100        | RLP221500 |
|            |                        | RBP18143 |       |       | 143.0 | RJP18143   | JCT18143 | 1300        | RLP222000 |
|            |                        | RBP18153 |       |       | 153.0 | RJP18153   | JCT18153 | 1300        | RLP222000 |
|            |                        | RBP18168 |       |       | 168.0 | RJP18168   | JCT18168 | 1300        | RLP222000 |
|            |                        | RBP18178 |       |       | 178.0 | RJP18178   | JCT18178 | 1300        | RLP222000 |
|            | Single Valve           | RBP50050 | 50.00 | 59.20 | 50.0  | RJP50050   | JCT50050 | 760         | RLP221070 |
|            |                        | RBP50075 |       |       | 75.0  | RJP50075   | JCT50075 | 1300        | RLP222000 |
|            |                        | RBP50125 |       |       | 125.0 | RJP50125   | JCT50125 | 1300        | RLP222000 |
| Components | Buchas Acopladoras     | RBP14020 | 30.00 | 37.28 | 20.0  | RJP14020   | JCT14020 | 260         | RLP22420  |
|            |                        | RBP14045 |       |       | 45.0  | RJP14045   | JCT14045 | 610         | RLP22820  |
|            | Polimax                | RCP38020 | 38.10 | 45.38 | 20.0  | RJP38020   | JCT38020 | 295         | RLP22470  |
|            |                        | RCP38045 |       |       | 45.0  | RJP38045   | JCT38045 | 500         | RLP22720  |
|            |                        | RCP38070 |       |       | 70.0  | RJP38070   | JCT38070 | 690         | RLP22970  |
|            |                        | RCP50020 |       |       | 20.0  | RJP50020   | JCT50020 | 400         | RLP22620  |
|            | Tips                   | RTP14045 | 30.00 | 41.00 | 610   | ---        | ---      | 610         | ---       |
|            |                        | RTP18045 | 38.10 | 50.00 | 620   | ---        | ---      | 620         | ---       |

# NOZZLE PARTS

Spare Part for Nozzles

Jacket

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| Series       | Product Line           | Code      | Dimensions |       |     |     |      | Assembly |       | Total Length |
|--------------|------------------------|-----------|------------|-------|-----|-----|------|----------|-------|--------------|
|              |                        |           | ØD1        | ØD2   | X1  | X2  | E    | Quantity | "A"   |              |
| Series 25    | PoliFast               | JCT04045  | 12.00      | 13.0  | 6.0 | 6.5 | 0.50 | 01       | 45.0  | 45.0         |
|              |                        | JCT04055  |            |       | 6.0 | 6.5 |      | 01       | 55.0  | 55.0         |
|              |                        | JCT04065  |            |       | 6.0 | 6.5 |      | 01       | 65.0  | 65.0         |
|              |                        | JCT04075  |            |       | 6.0 | 6.5 |      | 01       | 75.0  | 75.0         |
|              |                        | JCT04100* |            |       | 6.0 | 6.5 |      | 01       | 100.0 | 100.0        |
|              |                        | JCT05025  |            |       | 6.0 | 6.5 |      | 01       | 25.0  | 25.0         |
| Series 50    | PoliValve              | JCT05030  | 16.90      | 17.90 | 6.0 | 6.5 | 0.50 | 01       | 30.0  | 30.0         |
|              |                        | JCT05040  |            |       | 6.0 | 6.5 |      | 01       | 40.0  | 40.0         |
|              |                        | JCT05046  |            |       | 6.0 | 6.5 |      | 01       | 46.0  | 46.0         |
|              |                        | JCT05050  |            |       | 6.0 | 6.5 |      | 01       | 50.0  | 50.0         |
|              |                        | JCT05055  |            |       | 6.0 | 6.5 |      | 01       | 55.0  | 55.0         |
|              |                        | JCT05061  |            |       | 6.0 | 6.5 |      | 01       | 61.0  | 61.0         |
|              |                        | JCT05080  |            |       | 6.0 | 6.5 |      | 01       | 80.0  | 80.0         |
|              |                        | JCT05086  |            |       | 6.0 | 6.5 |      | 01       | 86.0  | 86.0         |
|              |                        | JCT05100* |            |       | 6.0 | 6.5 |      | 01       | 100.0 | 100.0        |
|              |                        | JCT05105  |            |       | 6.0 | 6.5 |      | 02       | 52.0  | 105.0        |
|              |                        | JCT05109  |            |       | 6.0 | 6.5 |      | 02       | 54.0  | 109.0        |
|              |                        | JCT05130  |            |       | 6.0 | 6.5 |      | 02       | 65.0  | 130.0        |
|              |                        | JCT05155  |            |       | 6.0 | 6.5 |      | 02       | 77.0  | 155.0        |
|              |                        | JCT05180  |            |       | 6.0 | 6.5 |      | 02       | 90.0  | 180.0        |
| Series 200   | Polimax                | JCT06050  | 20.28      | 21.88 | --- | --- | 0.80 | 01       | 50.0  | 50.0         |
|              |                        | JCT06053  |            |       | --- | --- |      | 01       | 53.0  | 53.0         |
|              |                        | JCT06065  |            |       | --- | --- |      | 01       | 65.5  | 65.5         |
|              |                        | JCT06078  |            |       | --- | --- |      | 01       | 78.5  | 78.5         |
|              |                        | JCT06092  |            |       | --- | --- |      | 01       | 92.0  | 92.0         |
|              |                        | JCT06100* |            |       | --- | --- |      | 01       | 100.0 | 100.0        |
|              |                        | JCT06104  |            |       | --- | --- |      | 01       | 100.0 | 100.0        |
|              |                        | JCT06129  |            |       | --- | --- |      | 02       | 63.0  | 129.5        |
|              | Policosmetic PoliValve | JCT06155  |            |       | --- | --- | 1.00 | 02       | 76.0  | 155.0        |
|              |                        | JCT06030  | 23.45      | 25.45 | --- | --- |      | 01       | 30.5  | 30.5         |
|              |                        | JCT06051  |            |       | --- | --- |      | 01       | 50.0  | 50.0         |
|              |                        | JCT06052  |            |       | --- | --- |      | 01       | 52.0  | 52.0         |
|              |                        | JCT06064  |            |       | --- | --- |      | 01       | 64.0  | 64.0         |
|              |                        | JCT06077  |            |       | --- | --- |      | 01       | 77.0  | 77.0         |
|              |                        | JCT06090  |            |       | --- | --- |      | 01       | 90.0  | 90.0         |
|              |                        | JCT06101* |            |       | --- | --- |      | 01       | 100.0 | 100.0        |
|              |                        | JCT06115  |            |       | --- | --- |      | 02       | 57.0  | 115.0        |
|              |                        | JCT06140  |            |       | --- | --- |      | 02       | 70.0  | 140.0        |
|              |                        | JCT06152  |            |       | --- | --- |      | 02       | 75.0  | 152.0        |
| Series 500   | Polimax PoliValve      | JCT10050  | 26.62      | 28.62 | --- | --- | 1.00 | 01       | 50.0  | 50.0         |
|              |                        | JCT10056  |            |       | --- | --- |      | 01       | 56.5  | 56.5         |
|              |                        | JCT10069  |            |       | --- | --- |      | 01       | 69.5  | 69.5         |
|              |                        | JCT10081  |            |       | --- | --- |      | 01       | 81.5  | 81.5         |
|              |                        | JCT10094  |            |       | --- | --- |      | 01       | 94.5  | 94.5         |
|              |                        | JCT10100* |            |       | --- | --- |      | 01       | 100.0 | 100.0        |
|              |                        | JCT10107  |            |       | --- | --- |      | 01       | 100.0 | 100.0        |
|              |                        | JCT10131  |            |       | --- | --- |      | 02       | 65.0  | 131.5        |
|              |                        | JCT10158  |            |       | --- | --- |      | 02       | 79.0  | 158.0        |
|              |                        | JCT10183  |            |       | --- | --- |      | 02       | 91.0  | 183.5        |
| Series 800   | Polimax PoliValve      | JCT14050  | 34.40      | 37.28 | --- | --- | 1.44 | 01       | 50.0  | 50.0         |
|              |                        | JCT14065  |            |       | --- | --- |      | 01       | 65.0  | 65.0         |
|              |                        | JCT14070  |            |       | --- | --- |      | 01       | 70.0  | 70.0         |
|              |                        | JCT14090  |            |       | --- | --- |      | 01       | 90.0  | 90.0         |
|              |                        | JCT14095  |            |       | --- | --- |      | 01       | 95.0  | 95.0         |
|              |                        | JCT14100* |            |       | --- | --- |      | 01       | 100.0 | 100.0        |
|              |                        | JCT14115  |            |       | --- | --- |      | 02       | 57.0  | 115.0        |
|              |                        | JCT14120  |            |       | --- | --- |      | 02       | 60.0  | 120.0        |
|              |                        | JCT14140  |            |       | --- | --- |      | 02       | 69.0  | 140.0        |
|              |                        | JCT14145  |            |       | --- | --- |      | 02       | 72.0  | 145.0        |
|              |                        | JCT14165  |            |       | --- | --- |      | 02       | 82.0  | 165.0        |
|              |                        | JCT14170  |            |       | --- | --- |      | 02       | 85.0  | 170.0        |
| Series 1000  | Polimax PoliValve      | JCT18050  | 42.50      | 45.38 | --- | --- | 1.44 | 01       | 50.0  | 50.0         |
|              |                        | JCT18093  |            |       | --- | --- |      | 01       | 93.0  | 93.0         |
|              |                        | JCT18100* |            |       | --- | --- |      | 01       | 100.0 | 100.0        |
|              |                        | JCT18102  |            |       | --- | --- |      | 01       | 100.0 | 102.0        |
|              |                        | JCT18118  |            |       | --- | --- |      | 02       | 59.0  | 118.0        |
|              |                        | JCT18127  |            |       | --- | --- |      | 02       | 63.0  | 127.0        |
|              |                        | JCT18143  |            |       | --- | --- |      | 02       | 71.0  | 143.0        |
|              |                        | JCT18153  |            |       | --- | --- |      | 02       | 76.0  | 153.0        |
|              |                        | JCT18168  |            |       | --- | --- |      | 02       | 84.0  | 168.0        |
|              |                        | JCT18178  |            |       | --- | --- |      | 02       | 89.0  | 178.0        |
| Series SV400 | Single Valve           | JCT50050  | 54.40      | 57.30 | --- | --- | 1.44 | 02       | 25.0  | 50.0         |
|              |                        | JCT50062  |            |       | --- | --- |      | 01       | 62.0  | 62.0         |
|              |                        | JCT50075  |            |       | --- | --- |      | 01       | 75.0  | 75.0         |
|              |                        | JCT50100* |            |       | --- | --- |      | 01       | 100.0 | 100.0        |
|              |                        | JCT50125  |            |       | --- | --- |      | 02       | 62.0  | 125.0        |
| Components   | Polimax                | JCT38020  | 42.50      | 45.38 | --- | --- | 1.44 | 01       | 20.0  | 20.0         |
|              |                        | JCT38045  |            |       | --- | --- |      | 01       | 45.0  | 45.0         |
|              |                        | JCT38070* |            |       | --- | --- |      | 01       | 70.0  | 70.0         |