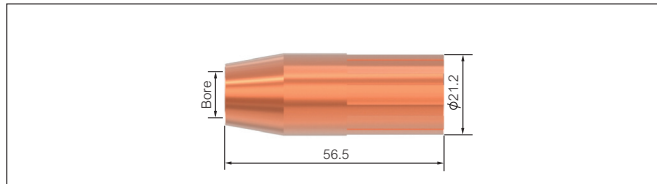


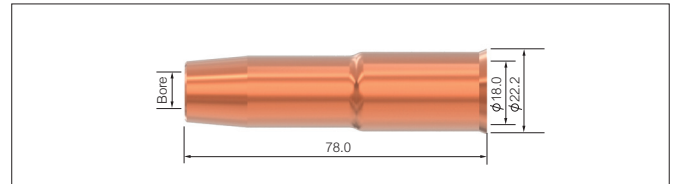
# TWC ICON Mig/Mag Torch Range Wear Parts

## Nozzles

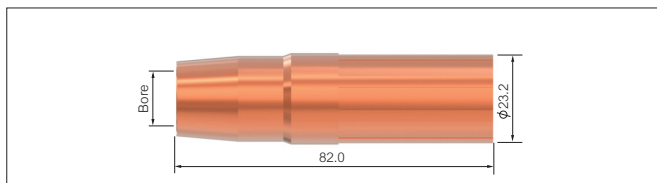
| TWC      |                       | NO.1 |        |          |
|----------|-----------------------|------|--------|----------|
| Part No. | Description           | Bore | Wall   | Material |
| P21-37   | Nozzle Self Insulated | 9.5  | 1.60MM | Copper   |
| * P21-50 | Nozzle Self Insulated | 12.7 | 1.60MM | Copper   |
| P21-62   | Nozzle Self Insulated | 15.9 | 1.60MM | Copper   |



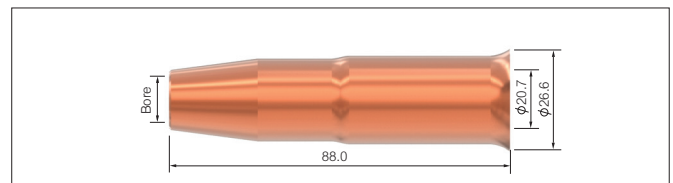
| TWC      |                   | NO.2 |        |          |
|----------|-------------------|------|--------|----------|
| Part No. | Description       | Bore | Wall   | Material |
| * P22-50 | Nozzle Adjustable | 12.8 | 1.25MM | Copper   |
| P22-62   | Nozzle Adjustable | 16.0 | 1.25MM | Copper   |



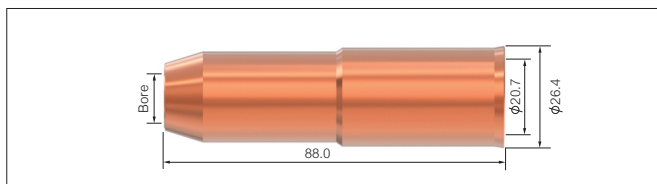
| TWC      |                       | NO.2/NO.3 |        |          |
|----------|-----------------------|-----------|--------|----------|
| Part No. | Description           | Bore      | Wall   | Material |
| P23-50   | Nozzle Self Insulated | 12.7      | 1.60MM | Copper   |
| P23-62   | Nozzle Self Insulated | 15.9      | 1.60MM | Copper   |
| P23-75   | Nozzle Self Insulated | 19.0      | 1.60MM | Copper   |



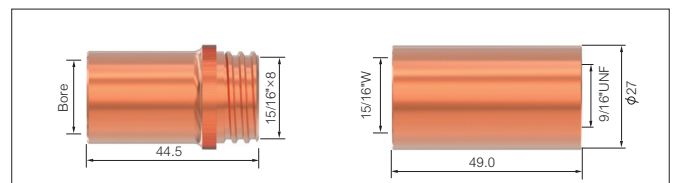
| TWC       |                   | NO.3/NO.4 |        |          |
|-----------|-------------------|-----------|--------|----------|
| Part No.  | Description       | Bore      | Wall   | Material |
| P24A-50   | Nozzle Adjustable | 12.8      | 1.25MM | Copper   |
| * P24A-62 | Nozzle Adjustable | 16.0      | 1.25MM | Copper   |
| P24A-75   | Nozzle Adjustable | 19.0      | 1.25MM | Copper   |



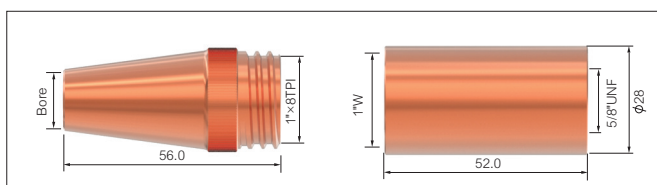
| TWC      |                   | NO.4 |        |          |
|----------|-------------------|------|--------|----------|
| Part No. | Description       | Bore | Wall   | Material |
| P24AH-50 | Nozzle Heavy Duty | 12.8 | 2.25MM | Copper   |
| P24AH-62 | Nozzle Heavy Duty | 16.0 | 2.25MM | Copper   |
| P24AH-75 | Nozzle Heavy Duty | 19.0 | 2.25MM | Copper   |



| TWC       |                                | NO.2/NO.3/NO.4 |        |          |
|-----------|--------------------------------|----------------|--------|----------|
| Part No.  | Description                    | Bore           | Wall   | Material |
| P24CT-50S | Nozzle Fixed Coarse Thread     | 12.8           | 3.75MM | Copper   |
| P24CT-62S | Nozzle Fixed Coarse Thread     | 16.0           | 3.75MM | Copper   |
| P24CT-75S | Nozzle Fixed Coarse Thread     | 19.0           | 3.75MM | Copper   |
| P34CT     | Nozzle Insulator Coarse Thread |                |        |          |



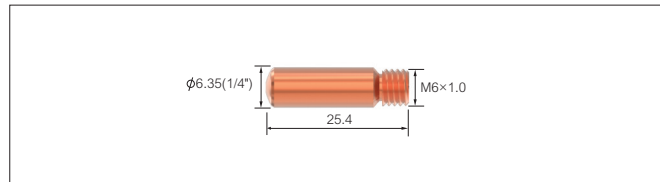
| TWC        |                                | NO.5 |      |          |
|------------|--------------------------------|------|------|----------|
| Part No.   | Description                    | Bore | Wall | Material |
| P25CT-50   | Nozzle Fixed Coarse Thread     | 12.8 | 4MM  | Copper   |
| * P25CT-62 | Nozzle Fixed Coarse Thread     | 16.0 | 4MM  | Copper   |
| P25CT-75   | Nozzle Fixed Coarse Thread     | 19.0 | 4MM  | Copper   |
| * P35CT    | Nozzle Insulator Coarse Thread |      |      |          |



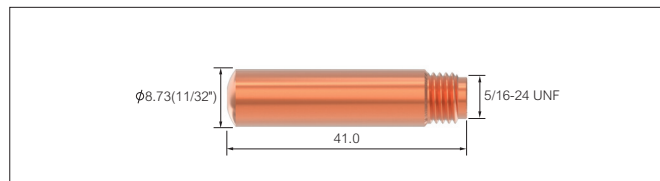
\* Denotes torch package standard wear part set up

## Contact Tips

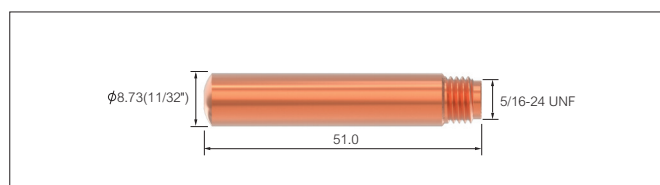
| TWC      |             | NO.1      |       |          |
|----------|-------------|-----------|-------|----------|
| Part No. | Description | Wire Size |       | Material |
|          |             | MM        | INCH  |          |
| P11-23   | Contact Tip | 0.6       | 0.023 | Ecu      |
| * P11-30 | Contact Tip | 0.8       | 0.030 | Ecu      |
| P11-35   | Contact Tip | 0.9       | 0.035 | Ecu      |
| P11-40   | Contact Tip | 1.0       | 0.040 | Ecu      |
| P11-45   | Contact Tip | 1.2       | 0.045 | Ecu      |



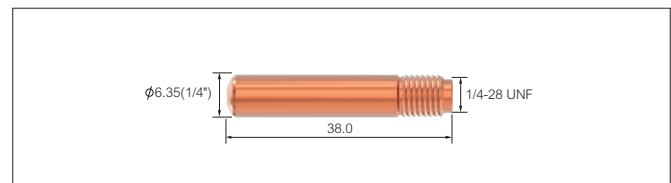
| TWC        |             | NO.5      |       |          |
|------------|-------------|-----------|-------|----------|
| Part No.   | Description | Wire Size |       | Material |
|            |             | MM        | INCH  |          |
| P15HFC-40  | Contact Tip | 1.0       | 0.040 | Ecu      |
| P15HFC-45  | Contact Tip | 1.2       | 0.045 | Ecu      |
| P15HFC-52  | Contact Tip | 1.3       | 0.052 | Ecu      |
| P15HFC-116 | Contact Tip | 1.6       | 1/16" | Ecu      |
| P15HFC-332 | Contact Tip | 2.4       | 3/32" | Ecu      |
| P15HFC-564 | Contact Tip | 2.0       | 5/64" | Ecu      |



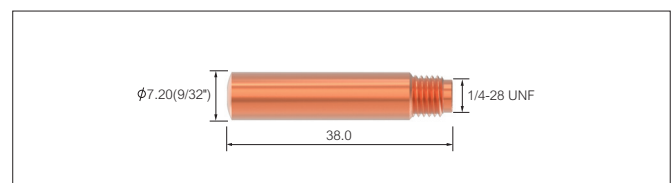
|            |             |     |       |     |
|------------|-------------|-----|-------|-----|
| P15H-30    | Contact Tip | 0.8 | 0.030 | Ecu |
| P15H-35    | Contact Tip | 0.9 | 0.035 | Ecu |
| P15H-40    | Contact Tip | 1.0 | 0.040 | Ecu |
| P15H-45    | Contact Tip | 1.2 | 0.045 | Ecu |
| P15H-52    | Contact Tip | 1.3 | 0.052 | Ecu |
| * P15H-116 | Contact Tip | 1.6 | 1/16" | Ecu |
| P15H-332   | Contact Tip | 2.4 | 3/32" | Ecu |
| P15H-564   | Contact Tip | 2.0 | 5/64" | Ecu |



| TWC      |             | NO.2/NO.3/NO.4 |       |          |
|----------|-------------|----------------|-------|----------|
| Part No. | Description | Wire Size      |       | Material |
|          |             | MM             | INCH  |          |
| P14-23   | Contact Tip | 0.6            | 0.023 | Ecu      |
| * P14-30 | Contact Tip | 0.8            | 0.030 | Ecu      |
| P14-35   | Contact Tip | 0.9            | 0.035 | Ecu      |
| * P14-40 | Contact Tip | 1.0            | 0.040 | Ecu      |
| * P14-45 | Contact Tip | 1.2            | 0.045 | Ecu      |
| P14-52   | Contact Tip | 1.3            | 0.052 | Ecu      |
| P14-116  | Contact Tip | 1.6            | 1/16" | Ecu      |
| P14-564  | Contact Tip | 2.0            | 5/64" | Ecu      |



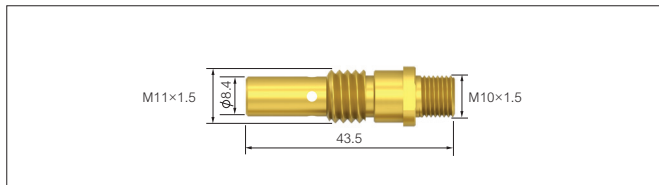
|          |             |     |       |     |
|----------|-------------|-----|-------|-----|
| P14H-30  | Contact Tip | 0.8 | 0.030 | Ecu |
| P14H-35  | Contact Tip | 0.9 | 0.035 | Ecu |
| P14H-40  | Contact Tip | 1.0 | 0.040 | Ecu |
| P14H-45  | Contact Tip | 1.2 | 0.045 | Ecu |
| P14H-52  | Contact Tip | 1.3 | 0.052 | Ecu |
| P14H-116 | Contact Tip | 1.6 | 1/16" | Ecu |
| P14H-564 | Contact Tip | 2.0 | 5/64" | Ecu |



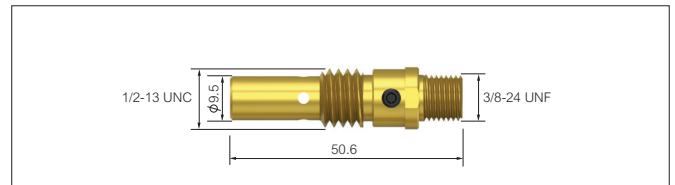
\* Denotes torch package standard wear part set up

## Diffuser

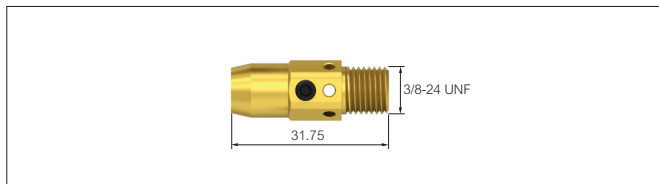
| TWC      |             | NO.1 |          |
|----------|-------------|------|----------|
| Part No. | Description | Bore | Material |
| * P51    | Diffuser    |      | Brass    |



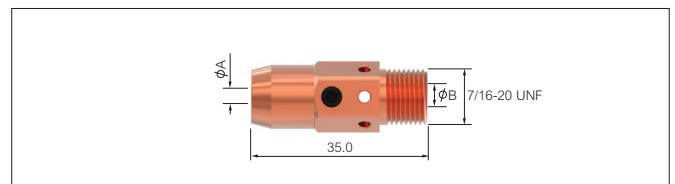
| TWC      |             | NO.2 |          |
|----------|-------------|------|----------|
| Part No. | Description | Bore | Material |
| * P52    | Diffuser    |      | Brass    |



| TWC      |             | NO.3/NO.4 |          |
|----------|-------------|-----------|----------|
| Part No. | Description | Bore      | Material |
| * P54A   | Diffuser    |           | Brass    |



| TWC      |             | NO.5        |          |
|----------|-------------|-------------|----------|
| Part No. | Description | Bore        | Material |
| P55      | Diffuser    | ØA3.5 ØB6.0 | Copper   |
| P55H     | Diffuser    | ØA4.0 ØB7.0 | Copper   |
| * P55SW  | Diffuser    | ØA3.5 ØB5.0 | Copper   |



\* Denotes torch package standard wear part set up

## Liner Options 0.8-0.9mm

| TWC            |                    |        |              | NO.1/NO.2 |             |
|----------------|--------------------|--------|--------------|-----------|-------------|
| Part No.       | Description        | Length | Nipple       | Wire Size |             |
|                |                    |        |              | MM        | INCH        |
| * PA42-3035-15 | Steel Liner X 15FT | 4.90M  | Brass Nipple | 0.8-0.9   | 0.030-0.035 |
| PA42-3035-25   | Steel Liner X 25FT | 8.10M  | Brass Nipple | 0.8-0.9   | 0.030-0.035 |

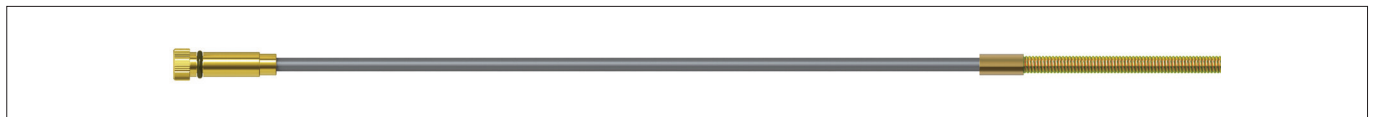


## Liner Options 0.9-1.2mm

| TWC          |                    |        |              | NO.1/NO.2 |             |
|--------------|--------------------|--------|--------------|-----------|-------------|
| Part No.     | Description        | Length | Nipple       | Wire Size |             |
|              |                    |        |              | MM        | INCH        |
| PA42-4045-15 | Steel Liner X 15FT | 4.90M  | Brass Nipple | 1.0-1.2   | 0.040-0.045 |
| PA42-4045-25 | Steel Liner X 25FT | 8.10M  | Brass Nipple | 1.0-1.2   | 0.040-0.045 |



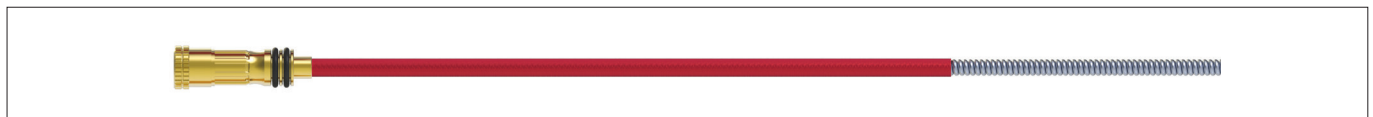
|              |                        |       |              |         |             |
|--------------|------------------------|-------|--------------|---------|-------------|
| P42N-4045-15 | Polyamide Liner X 15FT | 4.90M | Brass Nipple | 1.0-1.2 | 0.040-0.045 |
| P42N-4045-25 | Polyamide Liner X 25FT | 8.10M | Brass Nipple | 1.0-1.2 | 0.040-0.045 |



| TWC            |                    |        |              | NO.3/NO.4/NO.5 |             |
|----------------|--------------------|--------|--------------|----------------|-------------|
| Part No.       | Description        | Length | Nipple       | Wire Size      |             |
|                |                    |        |              | MM             | INCH        |
| * PA44-3545-15 | Steel Liner X 15FT | 4.90M  | Brass Nipple | 0.9-1.2        | 0.035-0.045 |
| PA44-3545-25   | Steel Liner X 25FT | 8.10M  | Brass Nipple | 0.9-1.2        | 0.035-0.045 |



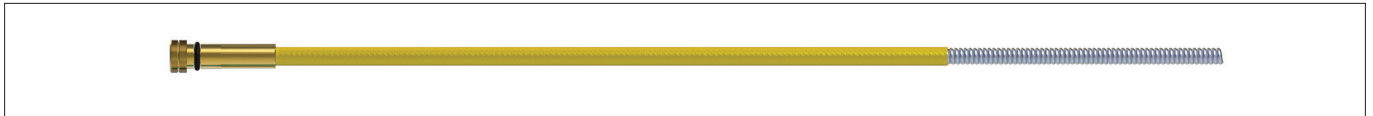
| TWC          |                    |        |              | NO.5      |             |
|--------------|--------------------|--------|--------------|-----------|-------------|
| Part No.     | Description        | Length | Nipple       | Wire Size |             |
|              |                    |        |              | MM        | INCH        |
| PA45-3545-15 | Steel Liner X 15FT | 4.90M  | Brass Nipple | 0.9-1.2   | 0.035-0.045 |
| PA45-3545-25 | Steel Liner X 25FT | 8.10M  | Brass Nipple | 0.9-1.2   | 0.035-0.045 |



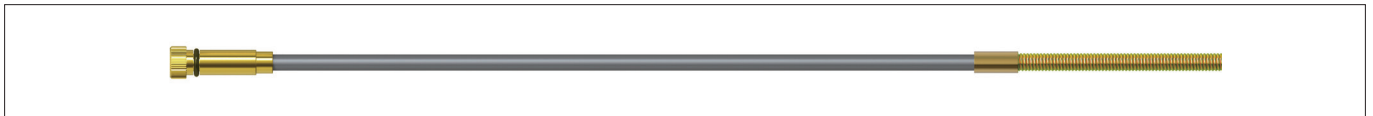
\* Denotes torch package standard wear part set up

**Liner Options 1.6mm**

| <b>TWC</b>    |                    |        |              | <b>NO.3/NO.4/NO.5</b> |       |
|---------------|--------------------|--------|--------------|-----------------------|-------|
| Part No.      | Description        | Length | Nipple       | Wire Size             |       |
|               |                    |        |              | MM                    | INCH  |
| * PA44-116-15 | Steel Liner X 15FT | 4.90M  | Brass Nipple | 1.6                   | 1/16" |
| PA44-116-25   | Steel Liner X 25FT | 8.10M  | Brass Nipple | 1.6                   | 1/16" |



|             |                        |       |              |     |       |
|-------------|------------------------|-------|--------------|-----|-------|
| P44N-116-15 | Polyamide Liner X 15FT | 4.90M | Brass Nipple | 1.6 | 1/16" |
| P44N-116-25 | Polyamide Liner X 25FT | 8.10M | Brass Nipple | 1.6 | 1/16" |




| <b>TWC</b>  |                    |        |              | <b>NO.5</b> |       |
|-------------|--------------------|--------|--------------|-------------|-------|
| Part No.    | Description        | Length | Nipple       | Wire Size   |       |
|             |                    |        |              | MM          | INCH  |
| PA45-116-15 | Steel Liner X 15FT | 4.90M  | Brass Nipple | 1.6         | 1/16" |
| PA45-116-25 | Steel Liner X 25FT | 8.10M  | Brass Nipple | 1.6         | 1/16" |




\* Denotes torch package standard wear part set up

## Liner Options 2.0-2.4mm


| TWC         |                    |        |              | NO.4/NO.5 |       |
|-------------|--------------------|--------|--------------|-----------|-------|
| Part No.    | Description        | Length | Nipple       | Wire Size |       |
|             |                    |        |              | MM        | INCH  |
| PA44-564-15 | Steel Liner X 15FT | 4.90M  | Brass Nipple | 2.0       | 5/64" |
| PA44-564-25 | Steel Liner X 25FT | 8.10M  | Brass Nipple | 2.0       | 5/64" |



| TWC         |                    |        |              | NO.5      |       |
|-------------|--------------------|--------|--------------|-----------|-------|
| Part No.    | Description        | Length | Nipple       | Wire Size |       |
|             |                    |        |              | MM        | INCH  |
| PA45-564-15 | Steel Liner X 15FT | 4.90M  | Brass Nipple | 2.0       | 5/64" |
| PA45-564-25 | Steel Liner X 25FT | 8.10M  | Brass Nipple | 2.0       | 5/64" |



| TWC         |                    |        |              | NO.5      |       |
|-------------|--------------------|--------|--------------|-----------|-------|
| Part No.    | Description        | Length | Nipple       | Wire Size |       |
|             |                    |        |              | MM        | INCH  |
| PA45-332-15 | Steel Liner X 15FT | 4.90M  | Brass Nipple | 2.4       | 3/32" |
| PA45-332-25 | Steel Liner X 25FT | 8.10M  | Brass Nipple | 2.4       | 3/32" |



\* Denotes torch package standard wear part set up