

# AUTOMATIC

## WELDING TORCHES

# CATALOG

**We are present worldwide**



**“We understand that the development of a product starts at the design stage but just as important are quality and production”**

Companies with technological or industrial character know the importance of innovating to continue in the current market. In EDR torches this becomes a work philosophy, we understand that without innovation it is not possible to advance in such a competitive world where companies and professionals need increasingly complex solutions.

EDR torches has a strong R & D department dedicated to the development of new welding applications, providing customized solutions both in the area of robotic welding and manual.

We understand that the development of a product begins at the design stage but just as important are the quality and production designed and tested.

The long experience of EDR torches in all sectors related to welding makes us capable of providing the best solutions to your manufacturing challenges, tell us what you need and we will make it possible.

## AUTOMATIC series

### WELDING TORCHES

|                                 |        |
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| Torch MIG/MAG liquid AUT 52W    | 6 Pag. |
| Torch MIG/MAG liquid AUT 52PLUS | 8 Pag. |



# Torch AUT 42G

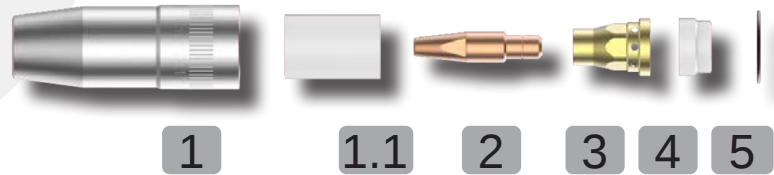
MIG/MAG, GMAW,131,135  
IEC60974-7

- Gas
- 300 A - CO2 100%
- 250 A - Mix M21 (ISO 14175) 100%
- Ø1.0-1.2 mm
- 10-18 l/min

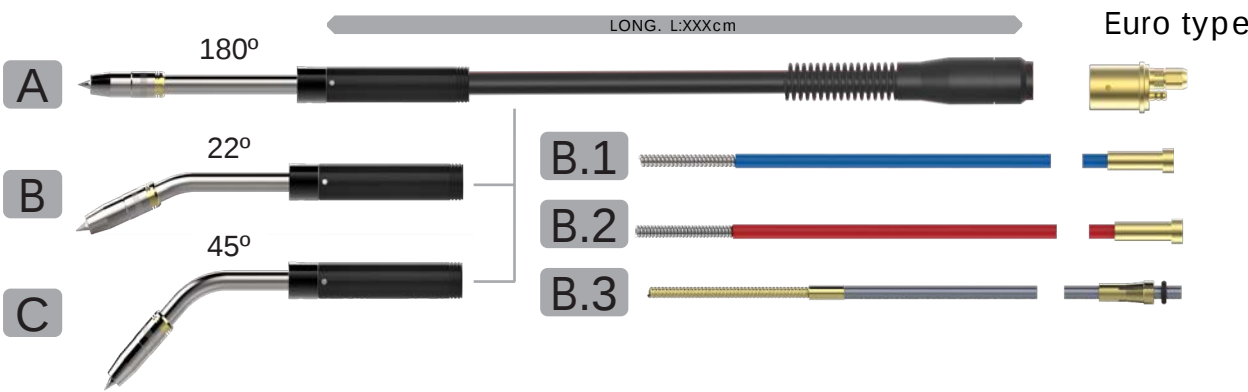
The capacity will be reduced by 35% whit pulsed arc.

The line of automatic torches adapts perfectly to all the standard automatic systems, with advantages superior to the standard ones.

The gas cooled vesion supports work cycles much higher than the most standard versions of the market. Larger nozzle and its M10 contact tips and large length make it behave perfectly in automatic systems.

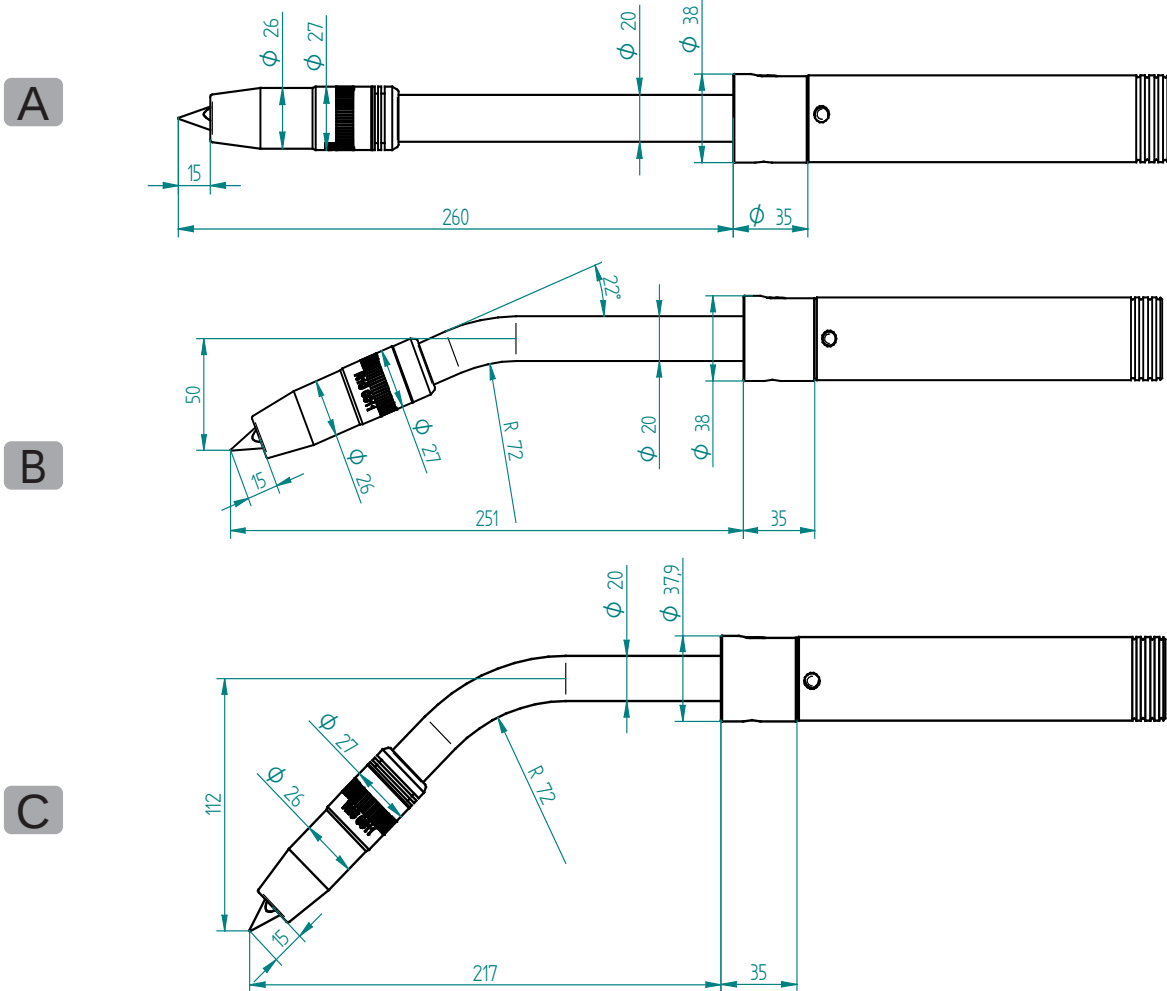


| Pos. | CODE        | TYPE                             | Min. Q. |
|------|-------------|----------------------------------|---------|
| 1    | R10 0011    | Nozzle L76xØ15.5 mm              | 2       |
|      | R10 0012    | Nozzle L76xØ13 mm                | 2       |
|      | R10 00211   | Nozzle L79xØ15.5 mm              | 2       |
| 1.1  | R10 0002    | Insulator nozzle L32XØ20.75 mm   | 2       |
| 2    | R10 0400 10 | Contact tip M10 1.0 mm Cu-BICOMP | 5       |
|      | R10 0400 12 | Contact tip M10 1.2 mm Cu-BICOMP | 5       |
|      | R10 0401 10 | Contact tip M10 1.0 mm CuCrZr    | 10      |
|      | R10 0401 12 | Contact tip M10 1.2 mm CuCrZr    | 10      |
| 3    | R12 0013    | Diffuser L26xØ18.5 mm M10        | 2       |
| 4    | R12 0308    | Insulator neck L11XØ18.5 mm      | 2       |
| 5    | R10 0401    | Oring neck Ø23 mm                | 10      |



| Pos. | CODE        | TYPE                                              | Min. Q. |
|------|-------------|---------------------------------------------------|---------|
| A    | M98 1xxx 00 | Automatic torch AUT42G-180° gas-Euro type         | 1       |
| B    | M98 1xxx 22 | Automatic torch AUT42G-22° gas-Euro type          | 1       |
| C    | M98 1xxx 45 | Automatic torch AUT42G-45° gas-Euro type          | 1       |
| B.1  | M99SR02B    | Guide blue L2600xØ4.6xØ1.5mm (0.8-1.0mm)-Euro     | 1       |
|      | M99SR03B    | Guide blue L3600xØ4.6xØ1.5mm (0.8-1.0mm)-Euro     | 1       |
|      | M99SR04B    | Guide blue L4600xØ4.6xØ1.5mm (0.8-1.0mm)-Euro     | 1       |
| B.2  | M99SR02R    | Guide red L2600xØ4.6xØ2.0mm (1.0-1.2mm)-Euro      | 1       |
|      | M99SR03R    | Guide red L3600xØ4.6xØ2.0mm (1.0-1.2mm)-Euro      | 1       |
|      | M99SR04R    | Guide red L4600xØ4.6xØ2.0mm (1.0-1.2mm)-Euro      | 1       |
| B.3  | M99SA102    | Guide for Alum L2700xØ4.5xØ2.5mm (1.2-1.6mm)-Euro | 1       |
|      | M99SA103    | Guide for Alum L3700xØ4.5xØ2.5mm (1.2-1.6mm)-Euro | 1       |

## STANDARD MEASURES





# Torch AUT 52W

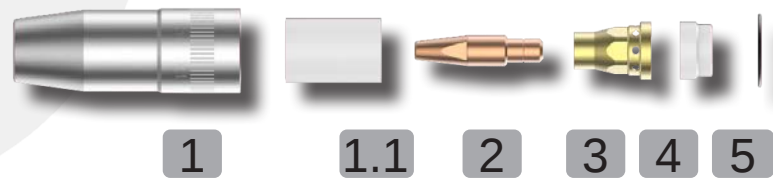
MIG/MAG, GMAW,131,135  
IEC60974-7

- Liquid
- 500 A - CO2 100%
- 400 A - Mix M21 (ISO 14175) 100%
- Ø1.0-1.6 mm
- 10-18 l/min

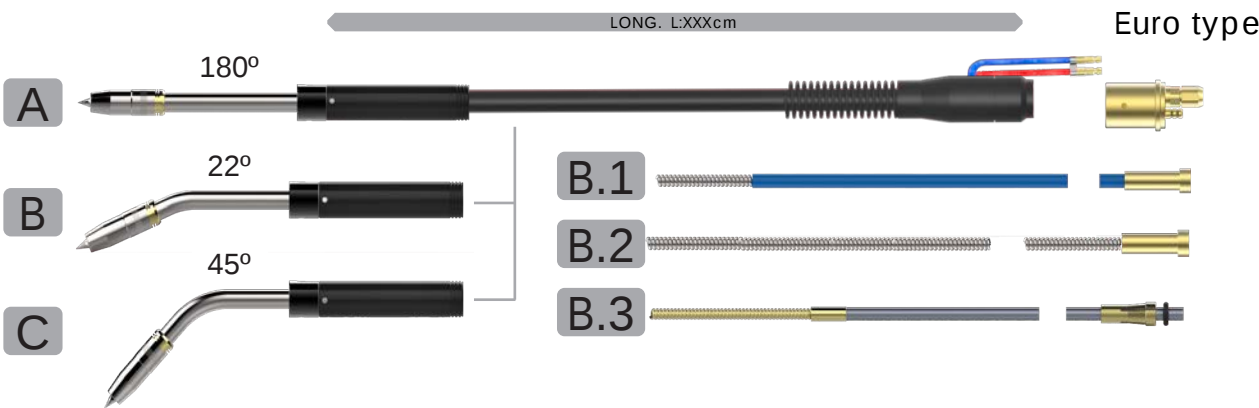
The capacity will be reduced by 35% whit pulsed arc.

The line of automatic torches adapts perfectly to all the standard automatic systems, with advantages superior to the standard ones.

The liquid cooled vesion supports work cycles much higher than the most standard versions of the market. Lar-  
ger nozzle and its M10 contact tips and large length make it behave perfectly in automatic systems.

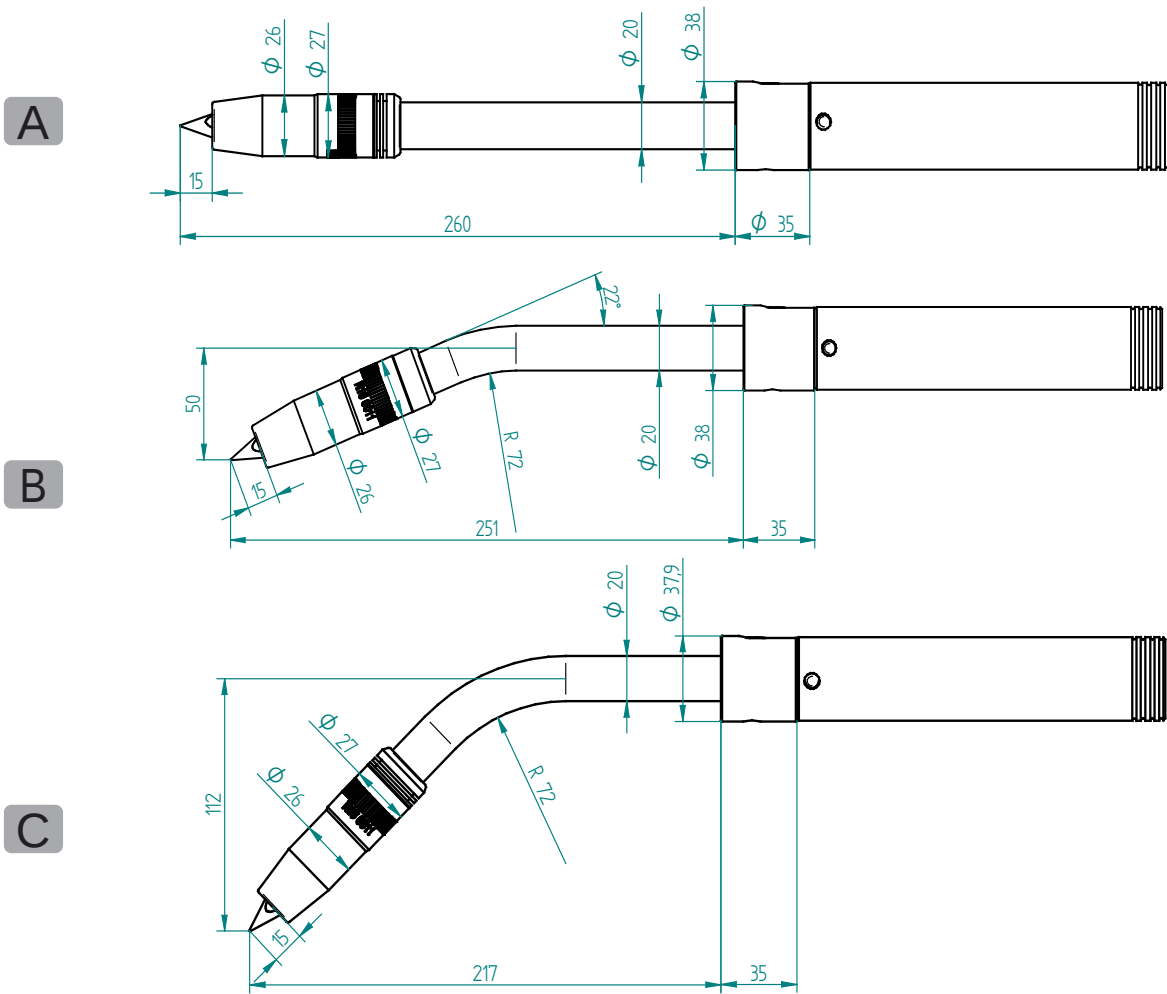


| Pos. | CODE        | TYPE                             | Min. Q. |
|------|-------------|----------------------------------|---------|
| 1    | R10 0011    | Nozzle L76xØ15.5 mm              | 2       |
|      | R10 0012    | Nozzle L76xØ13 mm                | 2       |
|      | R10 00211   | Nozzle L79xØ15.5 mm              | 2       |
| 1.1  | R10 0002    | Insulator nozzle L32XØ20.75 mm   | 2       |
| 2    | R10 0400 10 | Contact tip M10 1.0 mm Cu-BICOMP | 5       |
|      | R10 0400 12 | Contact tip M10 1.2 mm Cu-BICOMP | 5       |
|      | R10 0400 16 | Contact tip M10 1.6 mm Cu-BICOMP | 5       |
|      | R10 0401 10 | Contact tip M10 1.0 mm CuCrZr    | 10      |
|      | R10 0401 12 | Contact tip M10 1.2 mm CuCrZr    | 10      |
|      | R10 0401 16 | Contact tip M10 1.6 mm CuCrZr    | 10      |
| 3    | R12 0013    | Diffuser L26xØ18.5 mm M10        | 2       |
| 4    | R12 0308    | Insulator neck L11XØ18.5 mm      | 2       |
| 5    | R10 0401    | Oring neck Ø23 mm                | 10      |



| Pos. | CODE        | TYPE                                              | Min. Q. |
|------|-------------|---------------------------------------------------|---------|
| A    | M99 1xxx 00 | Automatic torch AUT52W-180° liquid-Euro type      | 1       |
| B    | M99 1xxx 22 | Automatic torch AUT52W-22° liquid-Euro type       | 1       |
| C    | M99 1xxx 45 | Automatic torch AUT52W-45° liquid-Euro type       | 1       |
| B.1  | M99SR02B    | Guide blue L2600xØ4.6xØ1.5mm (0.8-1.0mm)-Euro     | 1       |
|      | M99SR03B    | Guide blue L3600xØ4.6xØ1.5mm (0.8-1.0mm)-Euro     | 1       |
|      | M99SR04B    | Guide blue L4600xØ4.6xØ1.5mm (0.8-1.0mm)-Euro     | 1       |
| B.2  | M45SR02     | Guide nude L2600xØ4.6xØ2.2mm (1.2-1.6mm)-Euro-HD  | 1       |
|      | M45SR03     | Guide nude L3600xØ4.6xØ2.2mm (1.2-1.6mm)-Euro-HD  | 1       |
|      | M45SR04     | Guide nude L4600xØ4.6xØ2.2mm (1.2-1.6mm)-Euro-HD  | 1       |
| B.3  | M99SA102    | Guide for Alum L2700xØ4.5xØ2.5mm (1.2-1.6mm)-Euro | 1       |
|      | M99SA103    | Guide for Alum L3700xØ4.5xØ2.5mm (1.2-1.6mm)-Euro | 1       |

## STANDARD MEASURES



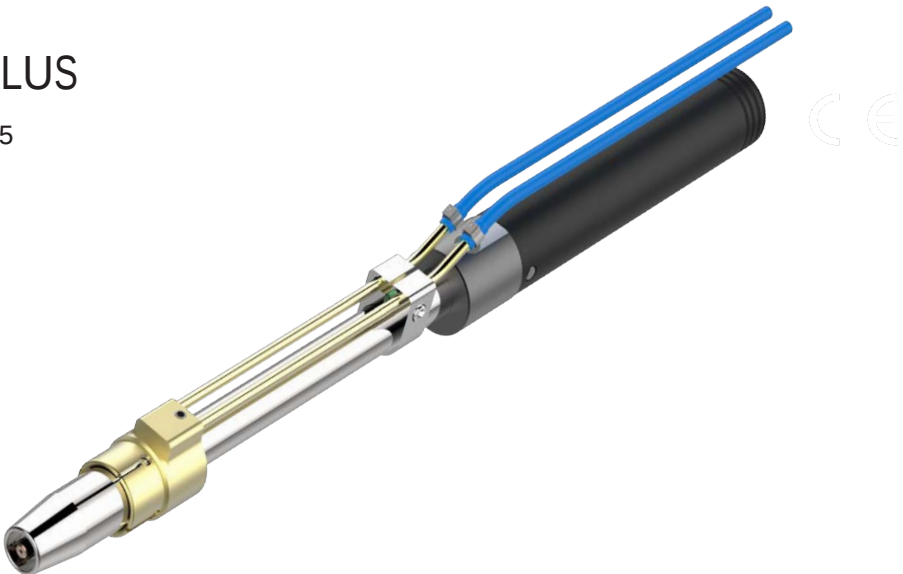


# Torch AUT 52PLUS

MIG/MAG, GMAW,131,135  
IEC60974-7

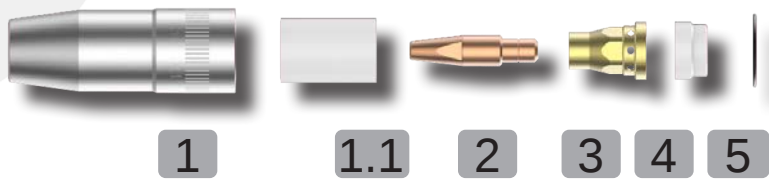
- Liquid
- 550 A - CO2 100%
- 450 A - Mix M21 (ISO 14175) 100%
- Ø1.0-1.6 mm
- 10-18 l/min

The capacity will be reduced by 35% whit pulsed arc.

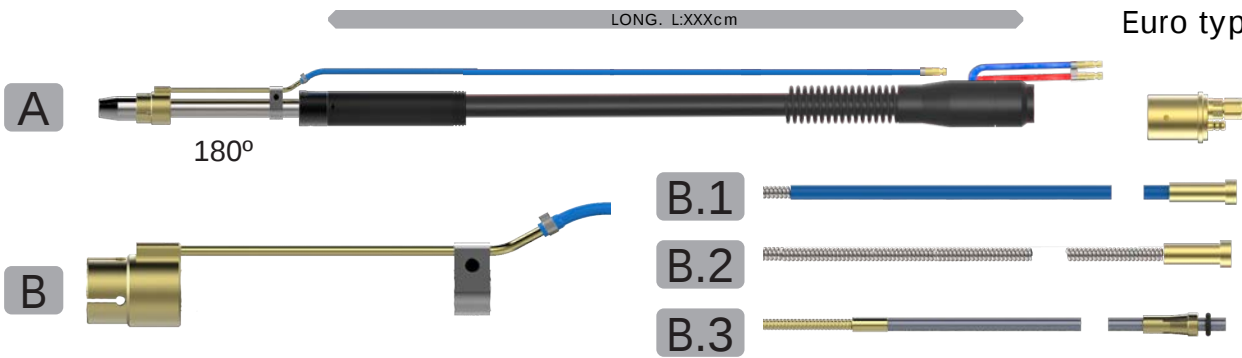


The line of automatic torches adapts perfectly to all the standard automatic systems, with advantages superior to the standard ones.

The PLUS refrigerated version has a double cooling circuit independently, with much greater cooling in the nozzle. The larger M10 contact tips and its large length make it behave perfectly in automatic systems.

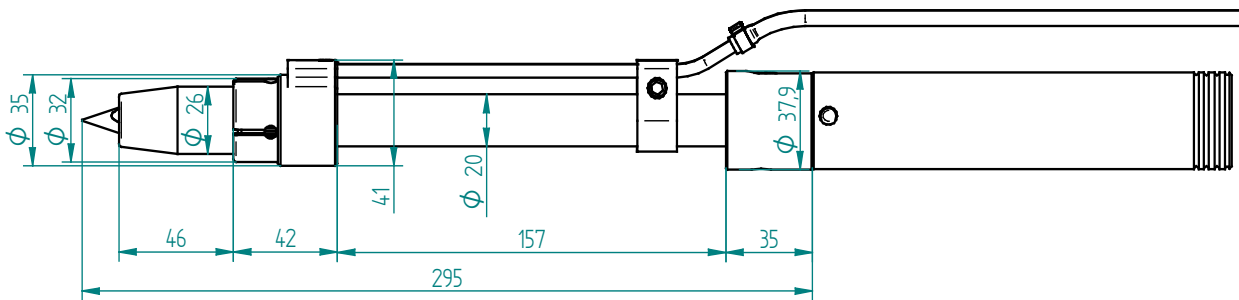


| Pos. | CODE        | TYPE                             | Min. Q. |
|------|-------------|----------------------------------|---------|
| 1    | R10 0011    | Nozzle L76xØ15.5 mm              | 2       |
|      | R10 0012    | Nozzle L76xØ13 mm                | 2       |
|      | R10 00211   | Nozzle L79xØ15.5 mm              | 2       |
| 1.1  | R10 0002    | Insulator nozzle L32XØ20.75 mm   | 2       |
| 2    | R10 0400 10 | Contact tip M10 1.0 mm Cu-BICOMP | 5       |
|      | R10 0400 12 | Contact tip M10 1.2 mm Cu-BICOMP | 5       |
|      | R10 0400 16 | Contact tip M10 1.6 mm Cu-BICOMP | 5       |
|      | R10 0401 10 | Contact tip M10 1.0 mm CuCrZr    | 10      |
|      | R10 0401 12 | Contact tip M10 1.2 mm CuCrZr    | 10      |
|      | R10 0401 16 | Contact tip M10 1.6 mm CuCrZr    | 10      |
| 3    | R12 0013    | Diffuser L26xØ18.5 mm M10        | 2       |
| 4    | R12 0308    | Insulator neck L11XØ18.5 mm      | 2       |
| 5    | R10 0401    | Oring neck Ø23 mm                | 10      |



| Pos. | CODE         | TYPE                                              | Min. Q. |
|------|--------------|---------------------------------------------------|---------|
| A    | M99 1xxx 00P | Automatic torch AUT52PLUS-180° liquid-Euro type   | 1       |
| B    | R11 6000     | X2 refrigeration system                           | 1       |
| B.1  | M99SR02B     | Guide blue L2600xØ4.6xØ1.5mm (0.8-1.0mm)-Euro     | 1       |
|      | M99SR03B     | Guide blue L3600xØ4.6xØ1.5mm (0.8-1.0mm)-Euro     | 1       |
|      | M99SR04B     | Guide blue L4600xØ4.6xØ1.5mm (0.8-1.0mm)-Euro     | 1       |
| B.2  | M45SR02      | Guide nude L2600xØ4.6xØ2.2mm (1.2-1.6mm)-Euro-HD  | 1       |
|      | M45SR03      | Guide nude L3600xØ4.6xØ2.2mm (1.2-1.6mm)-Euro-HD  | 1       |
|      | M45SR04      | Guide nude L4600xØ4.6xØ2.2mm (1.2-1.6mm)-Euro-HD  | 1       |
| B.3  | M99SA102     | Guide for Alum L2700xØ4.5xØ2.5mm (1.2-1.6mm)-Euro | 1       |
|      | M99SA103     | Guide for Alum L3700xØ4.5xØ2.5mm (1.2-1.6mm)-Euro | 1       |

## STANDARD MEASURES



## Automatic welding torches



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