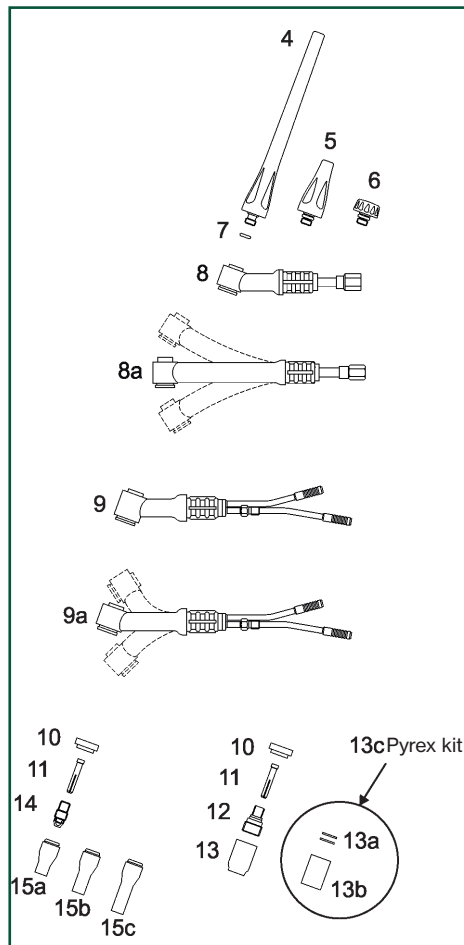


# Wear parts for TIG Ergo Welding Torches

## Wear parts for TIG Ergo 101/301/321



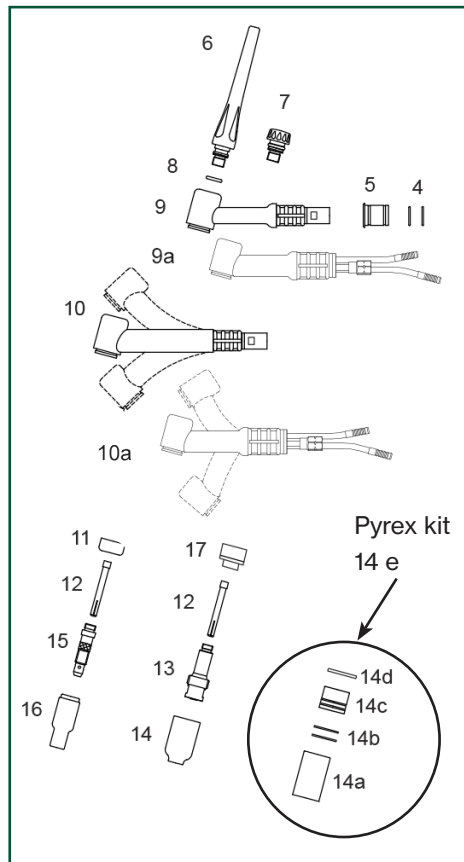
| Pos. no. |                              | Art. no. | Description                                | Min. order quantity |
|----------|------------------------------|----------|--------------------------------------------|---------------------|
| 4        | <input type="checkbox"/> Δ   | 80400117 | Electrode cap long                         | 10                  |
| 5        | <input type="checkbox"/> Δ   | 80400116 | Electrode cap medium                       | 10                  |
| 6        | <input type="checkbox"/> Δ   | 80400115 | Electrode cap short                        | 10                  |
| 7        | <input type="checkbox"/> Δ   | 80400204 | O-ring electrode cap                       | 10                  |
| 8        |                              | 80300194 | Torch body TIG 101, 60mm                   | 1                   |
| 8a       |                              | 80300195 | Torch body TIG 101 Flex, 60mm              | 1                   |
|          |                              | 80300051 | Torch body TIG 101 Flex, 100mm             | 1                   |
|          |                              | 80300052 | Torch body TIG 101 Flex, 135mm             | 1                   |
| 9        |                              | 80400310 | Torch body TIG 301/321, 55mm               | 1                   |
| 9a       |                              | 80400311 | Torch body TIG 301 Flex, 55mm              | 1                   |
|          |                              | 80400315 | Torch body TIG 301 Flex, 105mm             | 1                   |
|          |                              | 80400316 | Torch body TIG 301 Flex, 135mm             | 1                   |
| 10       | <input type="checkbox"/> Δ   | 80300219 | Insulator                                  | 10                  |
| 11       |                              | 80430211 | Electrode clamp ø1.0 mm CuCr               | 10                  |
|          | * <input type="checkbox"/>   | 80430212 | Electrode clamp ø1.6 mm CuCr               | 10                  |
|          | <input type="checkbox"/> Δ   | 80430213 | Electrode clamp ø2.4 mm CuCr               | 10                  |
|          | Δ                            | 80430214 | Electrode clamp ø3.2 mm CuCr               | 10                  |
|          |                              | 80430222 | Electrode clamp ø1.6 mm brass wedge        | 10                  |
|          |                              | 80430223 | Electrode clamp ø2.4 mm brass wedge        | 10                  |
|          |                              | 80430224 | Electrode clamp ø3.2 mm brass wedge        | 10                  |
| 12       |                              | 80410210 | Gas lens 1.0mm copper/brass                | 10                  |
|          |                              | 80410211 | Gas lens 1.6mm copper/brass                | 10                  |
|          |                              | 80410212 | Gas lens 2.4mm copper/brass                | 10                  |
|          |                              | 80410213 | Gas lens 3.2mm copper/brass                | 10                  |
|          |                              | 80410214 | Gas lens II 1.0mm cast brass               | 10                  |
|          |                              | 80410215 | Gas lens II 1.6mm cast brass               | 10                  |
|          |                              | 80410216 | Gas lens II 2.4mm cast brass               | 10                  |
|          |                              | 80410217 | Gas lens II 3.2mm cast brass               | 10                  |
| 13       |                              | 80440210 | Gas nozzle lens #4 ø6.4 / 1/4"             | 10                  |
|          |                              | 80440211 | Gas Nozzle lens #5 ø8.0 / 5/16"            | 10                  |
|          |                              | 80440212 | Gas Nozzle lens #6 ø9.6 / 3/8"             | 10                  |
|          |                              | 80440213 | Gas Nozzle lens #7 ø11.2 / 7/16"           | 10                  |
|          |                              | 80440214 | Gas Nozzle lens #8 ø12.7 / 1/2"            | 10                  |
| 13a      |                              | 80300321 | Pyrex glass nozzle O-ring                  | 1                   |
| 13b      |                              | 80440235 | Pyrex glass nozzle 25mm ø20                | 1                   |
| 13c      |                              | 80449235 | Pyrex kit for gaslens (2xnozzle, 4xO-ring) | 1                   |
| 14       |                              | 80410201 | Electrode holder ø1.0                      | 10                  |
|          | * <input type="checkbox"/>   | 80410202 | Electrode holder ø1.6                      | 10                  |
|          | <input type="checkbox"/> Δ   | 80410203 | Electrode holder ø2.4                      | 10                  |
|          | Δ                            | 80410204 | Electrode holder ø3.2                      | 10                  |
| 15a      |                              | 80440201 | Gas nozzle #4 ø6.4 / 1/4"                  | 10                  |
|          | <input type="checkbox"/> Δ   | 80440202 | Gas nozzle #5 ø8.0 / 5/16"                 | 10                  |
|          | * <input type="checkbox"/> Δ | 80440203 | Gas nozzle #6 ø9.6 / 3/8"                  | 10                  |
|          | <input type="checkbox"/> Δ   | 80440204 | Gas nozzle #7 ø11.2 / 7/16"                | 10                  |
|          |                              | 80440205 | Gas nozzle #8 ø12.7 / 1/2"                 | 10                  |
| 15b      |                              | 80440221 | Gas nozzle, long 48mm #4L ø6.4 / 1/4"      | 10                  |
|          |                              | 80440222 | Gas nozzle, long 48mm #5L ø8.0 / 5/16"     | 10                  |
|          |                              | 80440223 | Gas nozzle, long 48mm #6L ø9.6 / 3/8"      | 10                  |
| 15c      |                              | 80440231 | Gas nozzle X-long 64mm #4XL ø6.4 / 1/4"    | 10                  |
|          |                              | 80440232 | Gas nozzle X-long 64mm #5XL ø8.0 / 5/16"   | 10                  |
|          |                              | 80440233 | Gas nozzle X-long 64mm #6XL ø9.6 / 3/8"    | 10                  |
|          | * <input type="checkbox"/>   | 80361372 | Tungsten electrodes - see page 3           | 10                  |
|          | <input type="checkbox"/> Δ   | 80361374 |                                            | 10                  |
|          | Δ                            | 80361376 |                                            | 10                  |
|          | *                            | 80300117 | Standard wearing part set ø1.6             | 1                   |
|          |                              | 80300119 | Standard wearing part set ø2.4             | 1                   |
|          | <input type="checkbox"/>     | 81100228 | Wear parts box 1.6/2.4                     | 1                   |
|          | Δ                            | 81100248 | Wear parts box 2.4/3.2                     | 1                   |
|          |                              | 80300140 | Wearing part set 1.6 gas lens              | 1                   |
|          |                              | 80300141 | Wearing part set 2.4 gas lens              | 1                   |

The size of the gas nozzle (inside diameter). e.g. #4 = 4 x 1.6 mm = 6.4 mm.

\* ☐ Δ = Incl. in wearing part box/set.

# Wear parts for TIG Ergo Welding Torches

## Wear parts for TIG Ergo 201/221/401



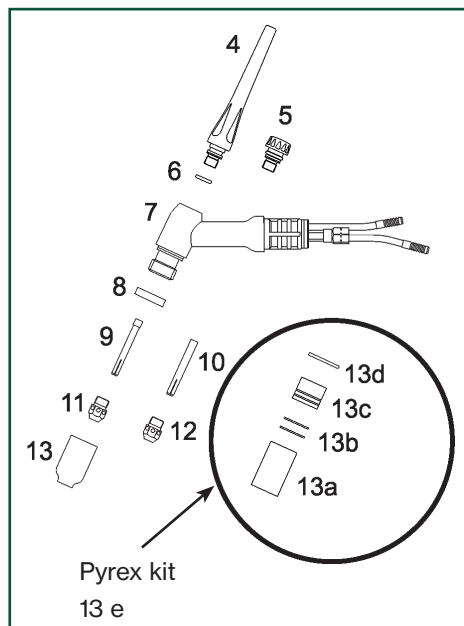
| Pos. no. | Art. no. | Description                                                            | Min. order quantity |
|----------|----------|------------------------------------------------------------------------|---------------------|
| 4        | 80300301 | O-ring ø17.5x1.5mm                                                     | 1                   |
| 5        | 80400312 | Transition piece                                                       | 1                   |
| 6        | 80300201 | Electrode cap long                                                     | 10                  |
| 7        | 80300200 | Electrode cap short                                                    | 10                  |
| 8        | 80300223 | O-ring for cap                                                         | 1                   |
| 9        | 80300196 | Torch body TIG 201, 70mm                                               | 1                   |
|          | 80300237 | Torch body TIG 221                                                     | 1                   |
| 9a       | 80400422 | Torch body TIG 401, 80mm                                               | 1                   |
|          | 80300197 | Torch body TIG 201 Flex, 70mm                                          | 1                   |
|          | 80300198 | Torch body TIG 201 Flex, 90mm                                          | 1                   |
|          | 80300238 | Torch body TIG 221, Flex                                               | 1                   |
| 10a      | 80400423 | Torch body TIG 401 Flex, 80mm                                          | 1                   |
| 11       | 80300189 | Insulator                                                              | 10                  |
|          | 80330110 | Electrode clamp ø1.0mm, CuCr                                           | 10                  |
|          | 80330111 | Electrode clamp ø1.6mm, CuCr                                           | 10                  |
|          | 80330112 | Electrode clamp ø2.4mm, CuCr                                           | 10                  |
|          | 80330113 | Electrode clamp ø3.2mm, CuCr                                           | 10                  |
|          | 80330114 | Electrode clamp ø4.0mm, CuCr                                           | 10                  |
|          | 80310411 | Gas lens 1.0 mm                                                        | 10                  |
|          | 80310412 | Gas lens 1.6 mm                                                        | 10                  |
|          | 80310413 | Gas lens 2.4 mm                                                        | 10                  |
|          | 80310414 | Gas lens 3.2 mm                                                        | 10                  |
|          | 80310415 | Gas lens 4.0 mm                                                        | 10                  |
|          | 80340400 | Nozzle for gas lens #4 ø6.4 / 1/4"                                     | 10                  |
|          | 80340401 | Nozzle for gas lens #5 ø8.0 / 5/16"                                    | 10                  |
|          | 80340402 | Nozzle for gas lens #6 ø9.6 / 3/8"                                     | 10                  |
|          | 80340403 | Nozzle for gas lens #7 ø11.2 / 7/16"                                   | 10                  |
|          | 80340404 | Nozzle for gas lens #8 ø12.7 / 1/2"                                    | 10                  |
|          | 80340406 | Nozzle for gas lens #11 ø17.5 / 11/16"                                 | 10                  |
| 14a      | 80340420 | Pyrex glass nozzle 42mm ø25                                            | 1                   |
| 14b      | 80300322 | O-ring for Pyrex glass nozzle                                          | 1                   |
| 14c      | 80310416 | Pyrex glass nozzle adapter                                             | 1                   |
| 14d      | 43570028 | O-ring red silicon ø16,9 x ø2,75                                       | 1                   |
| 14e      | 80349420 | Pyrex kit for TIG 201/221/401 gas lens (2xnozzle, 2xO-ring, 1xadapter) | 1                   |
|          | 80310004 | Collet body ø1.0                                                       | 10                  |
|          | 80310000 | Collet body ø1.6                                                       | 10                  |
|          | 80310001 | Collet body ø2.4                                                       | 10                  |
|          | 80310002 | Collet body ø3.2                                                       | 10                  |
|          | 80310003 | Collet body ø4.0                                                       | 10                  |
|          | 80340001 | Gas nozzle #4 ø6.4 / 1/4"                                              | 10                  |
|          | 80340002 | Gas nozzle #5 ø8.0 / 5/16"                                             | 10                  |
|          | 80340003 | Gas nozzle #6 ø9.6 / 3/8"                                              | 10                  |
|          | 80340004 | Gas nozzle #7 ø11.2 / 7/16"                                            | 10                  |
|          | 80340005 | Gas nozzle #8 ø12.7 / 1/2"                                             | 10                  |
|          | 80340006 | Gas nozzle #10 ø15.7 / 5/8"                                            | 10                  |
|          | 80340007 | Gas nozzle #12 ø19.0 / 3/4"                                            | 10                  |
|          | 80300220 | Gas lens insulator                                                     | 10                  |
|          | 80361372 | Tungsten electrodes - see page 3                                       | 10                  |
|          | 80361374 |                                                                        | 10                  |
|          | 80300118 | Standard wearing part set ø2.4                                         | 1                   |
|          | 80300274 | Standard wearing part set ø1.6                                         | 1                   |
|          | 81100230 | Wear parts box                                                         | 1                   |
|          | 80300142 | Wearing part set 1.6 gas lens                                          | 1                   |
|          | 80300143 | Wearing part set 2.4 gas lens                                          | 1                   |

The size of the gas nozzle (inside diameter). e.g. #4 = 4 x 1.6 mm = 6.4 mm.

\* □ Δ = Incl. in wearing part box/set.

# Wear parts for TIG Ergo Welding Torches

## Wear parts for TIG Ergo 451



| Pos. no. | Art. no.     | Description                                            | Min. order quantity |
|----------|--------------|--------------------------------------------------------|---------------------|
| 4        | 80300201     | Electrode cap long                                     | 10                  |
| 5        | 80300200     | Electrode cap short                                    | 10                  |
| 6        | 80300223     | O-ring for cap TIG                                     | 1                   |
| 7        | 80400425     | Torch body TIG 451                                     | 1                   |
| 8        | * Δ 80300239 | Insulator                                              | 10                  |
| 9        | 80330110     | Electrode clamp ø1.0 mm CuCr                           | 10                  |
|          | 80330111     | Electrode clamp ø1.6 mm CuCr                           | 10                  |
|          | * 80330112   | Electrode clamp ø2.4 mm CuCr                           | 10                  |
|          | Δ 80330113   | Electrode clamp ø3.2 mm CuCr                           | 10                  |
|          | 80330114     | Electrode clamp ø4.0 mm CuCr                           | 10                  |
| 10       | 80330106     | Collet HD, 4.0 mm                                      | 10                  |
|          | 80330107     | Collet HD, 4.8 mm                                      | 10                  |
| 11       | * Δ 80310010 | Collet body TIG 451 1.0-3.2 mm                         | 10                  |
| 12       | 80310011     | Collet body TIG 451 3.2-4.8 mm                         | 10                  |
| 13       | 80340400     | Nozzle for gas lens #4 ø6.4 / 1/4"                     | 10                  |
|          | 80340401     | Nozzle for gas lens #5 ø8.0 / 5/16"                    | 10                  |
|          | 80340402     | Nozzle for gas lens #6 ø9.6 / 3/8"                     | 10                  |
|          | * 80340403   | Nozzle for gas lens #7 ø11.2 / 7/16"                   | 10                  |
|          | Δ 80340404   | Nozzle for gas lens #8 ø12.7 / 1/2"                    | 10                  |
|          | 80340406     | Nozzle for gas lens #11 ø17.5 / 11/16"                 | 10                  |
| 13a      | 80340420     | Pyrex glass nozzle 42mm ø25                            | 1                   |
| 13b      | 80300322     | O-ring for Pyrex glass nozzle                          | 1                   |
| 13c      | 80310416     | Pyrex glass nozzle adaptor                             | 1                   |
| 13d      | 43570028     | O-ring red silicon ø16.9 x ø2.75                       | 1                   |
| 13e      | 80349420     | Pyrex kit for gas lens (2xnozzle, 2xo-ring, 1xadapter) | 1                   |
|          | * 80361374   | Tungsten electrodes - see page 3                       | 10                  |
|          | Δ 80361376   |                                                        | 10                  |
|          | * 80300136   | Standard wearing part set ø2.4                         | 1                   |
|          | Δ 80300138   | Standard wearing part set ø3.2                         | 1                   |

The size of the gas nozzle (inside diameter). e.g. #4 = 4 x 1.6 mm = 6.4 mm.

□ Δ = Incl. in wearing part box/set.

## Tungsten Electrodes

| Art. no. | Description                           | Min. order quantity |
|----------|---------------------------------------|---------------------|
| 80360022 | Tungsten electrode WP Ø1.6 green      | 10                  |
| 80360024 | Tungsten electrode WP Ø2.4 green      | 10                  |
| 80360026 | Tungsten electrode WP Ø3.2 green      | 10                  |
| 80360042 | Tungsten electrode WL10 Ø1.6 black    | 10                  |
| 80360043 | Tungsten electrode WL10 Ø2.4 black    | 10                  |
| 80360044 | Tungsten electrode WL10 Ø3.2 black    | 10                  |
| 80360092 | Tungsten electrode WL20 Ø1.6 blue     | 10                  |
| 80360094 | Tungsten electrode WL20 Ø2.4 blue     | 10                  |
| 80360095 | Tungsten electrode WL20 Ø3.2 blue     | 10                  |
| 80361371 | Tungsten electrode WS2 Ø1.0 superblue | 10                  |
| 80361372 | Tungsten electrode WS2 Ø1.6 superblue | 10                  |
| 80361373 | Tungsten electrode WS2 Ø2.0 superblue | 10                  |
| 80361374 | Tungsten electrode WS2 Ø2.4 superblue | 10                  |
| 80361376 | Tungsten electrode WS2 Ø3.2 superblue | 10                  |
| 80361377 | Tungsten electrode WS2 Ø4.0 superblue | 10                  |
| 80361378 | Tungsten electrode WS2 Ø4.8 superblue | 10                  |

## Wear parts boxes for TIG Ergo 101/201/221/301/321/401

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| 81100228 | Wear parts box TIG 101/301/321 |                                            |
|----------|--------------------------------|--------------------------------------------|
| 80300219 | 1 pcs                          | Insulator TIG101/301/321                   |
| 80361372 | 10 pcs                         | Tungsten electrode WS2 ø1.6 superblue      |
| 80361374 | 10 pcs                         | Tungsten electrode WS2 ø2.4 superblue      |
| 80400115 | 1 pcs                          | Electrode cap short TIG 101/301/321        |
| 80400116 | 1 pcs                          | Electrode cap medium TIG 101/301/321       |
| 80400117 | 1 pcs                          | Electrode cap long TIG 101/301/321         |
| 80400204 | 2 pcs                          | O-ring electrode cap TIG 101/301/321       |
| 80410202 | 2 pcs                          | Electrode holder ø1.6 TIG101/301/321       |
| 80410203 | 2 pcs                          | Electrode holder ø2.4 TIG101/301/321       |
| 80430212 | 5 pcs                          | Electrode clamp ø1.6 mm CuCr               |
| 80430213 | 5 pcs                          | Electrode clamp ø2.4 mm CuCr               |
| 80440202 | 5 pcs                          | Gas nozzle TIG101/301/321 #5 ø8.0 / 5/16"  |
| 80440203 | 5 pcs                          | Gas nozzle TIG101/301/321 #6 ø9.6 / 3/8"   |
| 80440204 | 5 pcs                          | Gas nozzle TIG101/301/321 #7 ø11.2 / 7/16" |

| 81100230 | Wear parts box TIG 201/221/401 |                                           |
|----------|--------------------------------|-------------------------------------------|
| 80300189 | 2 pcs                          | Insulator TIG 201/221/401                 |
| 80361372 | 10 pcs                         | Tungsten electrode WS2 ø1.6 superblue     |
| 80361374 | 10 pcs                         | Tungsten electrode WS2 ø2.4 superblue     |
| 80300200 | 1 pcs                          | Electrode cap short TIG 201/221/401       |
| 80300201 | 1 pcs                          | Electrode cap long TIG201/221/401         |
| 80300223 | 2 pcs                          | O-Ring for electrode cap TIG201/221/401   |
| 80310000 | 2 pcs                          | Electrode holder ø1.6 TIG201/221/401      |
| 80310001 | 2 pcs                          | Electrode holder ø2.4 TIG201/221/401      |
| 80330111 | 5 pcs                          | Electrode clamp ø1.6 mm CuCr              |
| 80330112 | 5 pcs                          | Electrode clamp ø2.4 mm CuCr              |
| 80340002 | 5 pcs                          | Gas nozzle TIG201/221/401 #5 ø8.0 / 5/16" |
| 80340003 | 5 pcs                          | Gas nozzle TIG201/221/401 #6 ø9.6 / 3/8"  |
| 80340004 | 5 pcs                          | Gas nozzle TIG201/221/401 #7 ø11.2/ 7/16" |