

## MIGZONE ENDURANCE SERIES

**MZ-E 505W****MIGZONE®**  
TORCHES**100**  
%ED0,8  
–  
1,6  
mm**500**  
A<sub>CO2</sub>  
**450**  
A<sub>MIX</sub>**i 20% more water volume**

20% more water volume in the torch neck than the standard MZ-E 400W/500W.

**i Neck Variations**

You can get our whole MZ-E series MIG Torches with rotating necks.

**Complete Torch**

MZ-E 505W cpl. with grey handle,  
Euro-connection (Steel Liner 2,0x4,5mm)

|    |                    |
|----|--------------------|
| 3m | <b>MZ-505WAA3E</b> |
| 4m | <b>MZ-505WAA4E</b> |
| 5m | <b>MZ-505WAA5E</b> |

**MIGZONE MZ-E Series – air and watercooled MIG-Torch****DIN Norm**

Technical data according to CE EN 60 974-7

**The Handle**

2-component handle - robust and ergonomic

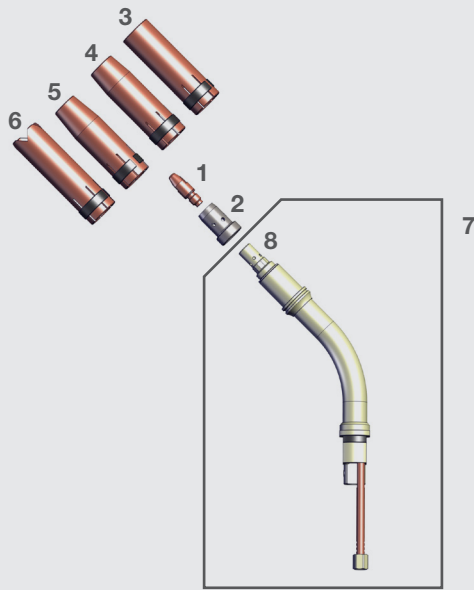
**The Trigger**

U/D Module ( Option )

**The Gun and Cable**

Premium components installed

# MIGZONE MZ-E 505W – watercooled MIG-Torch



22



U/D Switch  
module available  
as an option



MZ-K2-003



MZ-K2-004



20



50

## Cable Group

| Part                        | 3m       | 4m       | 5m       |
|-----------------------------|----------|----------|----------|
| 50 Cable Assembly MZ-E cpl. | 24139M30 | 24139M40 | 24139M50 |
| 51 Outer Liner MZ-E cpl.    | 25146M30 | 25146M40 | 25146M50 |
| 56 Power Cable cpl.         | 2414130  | 2414140  | 2414150  |
| 61 Control Cable MZ-E cpl.  | 24144M30 | 24144M40 | 24144M50 |



Parts marked with \* are included  
in the standard configuration

## Complete Torch

MZ-E 505W cpl. with grey handle,  
Euro-connection (Steel Liner 2,0x4,0mm)

|    |             |
|----|-------------|
| 3m | MZ-505WAA3E |
| 4m | MZ-505WAA4E |
| 5m | MZ-505WAA5E |

## Torch Front Group

|                   |          |          |
|-------------------|----------|----------|
| 1 Contact Tip Pro | M6x28    | M8x30    |
| ECu               | 22506xx  | 24106xx  |
| CuCrZr            | 22576xx  | 24176xx  |
| for Alu           | 22566xx  | 24166xx  |
| Contact Tip Eco   | M6x28    | M8x30    |
| ECu               | 22506xxL | 24106xxL |
| CuCrZr            | 22576xxL | 24176xxL |



Tips available in Ø 0.8/0.9/1.0/1.2/1.4/1.6 mm  
Please insert wire diameter at **xx**.  
Example Ø 1,0 mm is: 10; Art.-No.: = 2410610

|                     |         |          |
|---------------------|---------|----------|
| 2 Gas Diffuser      |         |          |
| white*              |         | 2410702  |
| black               |         | 2410700  |
| eco                 |         | 2410702L |
| Gas Nozzle L=76mm   |         |          |
| 3 cylinder NW19     |         | 2410801  |
| 4 conical NW16*     |         | 2410802  |
| 5 tapered NW14      |         | 2410803  |
| 6 Spot Welding NW20 |         | 2410805  |
| 7 Swan Neck         |         |          |
| MZ-E 505W, complete |         | 505WM100 |
| 8 Tip Adapter       | M6      | M8       |
| short L=25mm        | 2410406 | 2410408  |
| long L=29mm         | 2410416 | 2410418  |

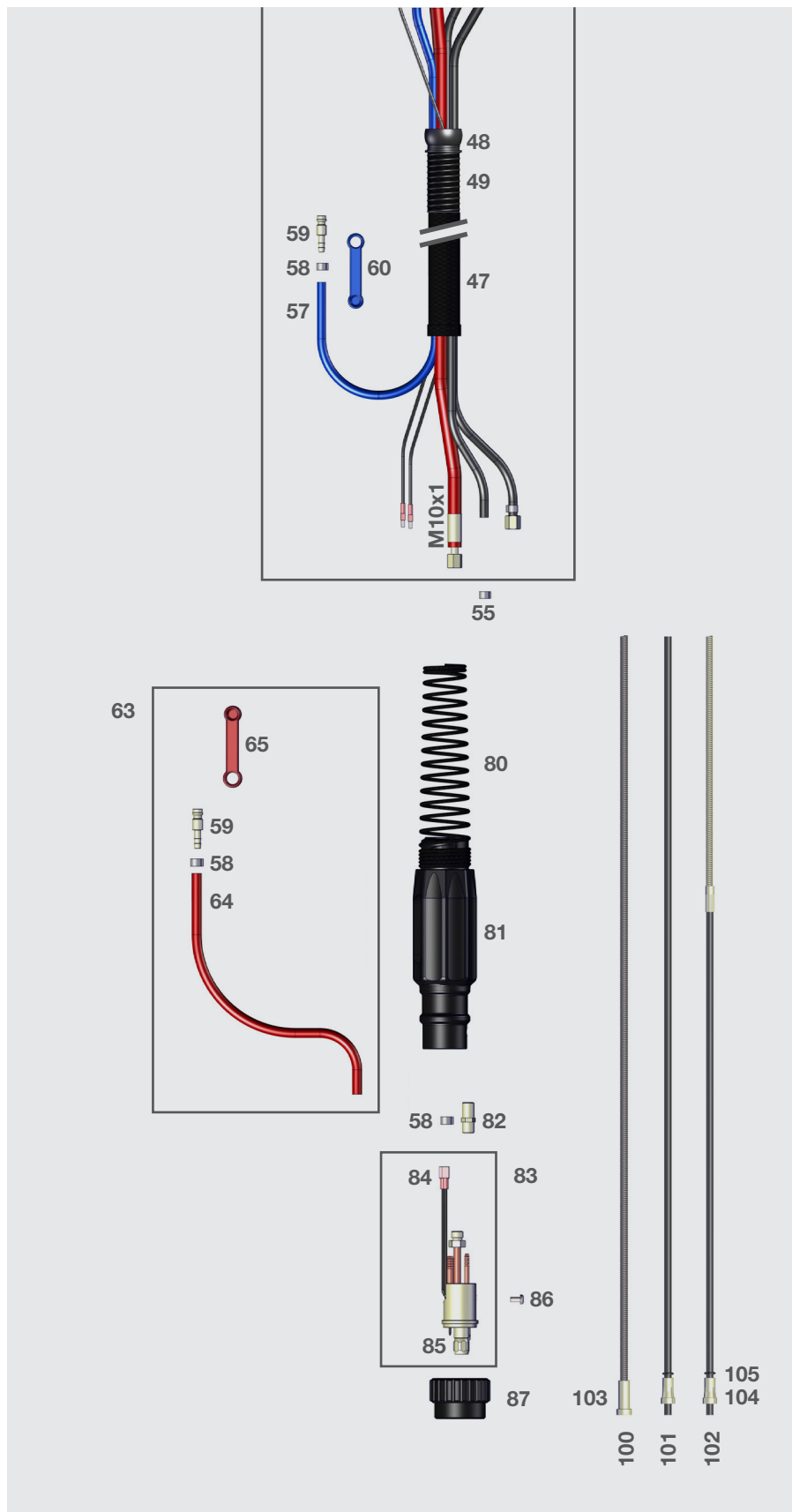
## Handle Group

|                                                    |              |
|----------------------------------------------------|--------------|
| 20 MIG-Handle MZ-K2, grey<br>complete, watercooled | MZ-HDL-K2G-W |
| 21 MIG-Handle MZ-K2, grey<br>left + right half     | MZ-K2-001    |
| 22 Neutral top<br>MZ-K2                            | MZ-K2-002    |
| 23 Screw for<br>Handle                             | MZ-K2-005    |
| 24 Trigger cpl.<br>MZ-K2                           | MZ-K2-006    |
| 25 Nut for<br>Handle MZ-K2                         | MZ-K2-007    |

## Cable Group

|                                            |           |
|--------------------------------------------|-----------|
| 48 Gun Plug Housing<br>Swivel              | MZ-K2-008 |
| 49 Spring<br>Cable Support                 | MZ-K2-010 |
| Single Ear Clamp                           |           |
| 53 D = 11,8                                | 11.8GER   |
| 55 D = 8,7                                 | 08.7GER   |
| 58 D = 10,0                                | 10.0GER   |
| 52 Gas Hose<br>Ø 4,0x1,5 (PU=100m)         | 0550111   |
| 54 Connector<br>Wire-Gas                   | 21201027  |
| 57 Water Hose<br>blue Ø 5,0x1,5, (PU=200m) | CR05/8 BL |

## MIGZONE MZ-E 505W – watercooled MIG-Torch



| Cable Group |                                          |            |
|-------------|------------------------------------------|------------|
| 47          | Cover Hose MZ-E<br>(PU=40m)              | WS-2       |
| 48          | Gun Plug Housing<br>Swivel               | MZ-K2-008  |
| 49          | Spring<br>Cable Support                  | MZ-K2-010  |
|             | Single Ear Clamp                         |            |
| 53          | D = 11,8                                 | 11.8GER    |
| 55          | D = 8,7                                  | 08.7GER    |
| 58          | D = 10,0                                 | 10.0GER    |
| 59          | Water Hose<br>Nipple                     | T0535      |
|             | Water Stop                               |            |
| 60          | blue                                     | TZ-KAPPE-1 |
| 65          | red                                      | TZ-KAPPE-2 |
| 63          | Water Outlet<br>Hose cpl. 0,55m          | 2414705    |
| 64          | Water Hose<br>red Ø 5,0x1,5 (PU=200m)    | CR05/8 RO  |
| 80          | Cable Support<br>Spring                  | 2411611    |
| 81          | Plug Housing<br>without nut              | 2411600S1  |
| 82          | Nipple<br>Threaded                       | 2411501    |
| 83          | Gun Plug Body<br>with Spring Loaded Pins | 2411505    |
| 84          | Female Electrical Connector<br>insulated | 2155100    |
|             | Nut                                      |            |
| 85          | Liner Positioner                         | 2151501    |
| 87          | Plug                                     | ZA-14      |
| 86          | Screw<br>for Gun Plug Body               | ZA-11      |

| Liner Group 5 |                                       |          |
|---------------|---------------------------------------|----------|
| 100           | Mono-Steel-Liner                      |          |
|               | 2,0 x 4,5 mm / <b>X</b> m*            | 34520X1  |
|               | 2,5 x 4,5 mm / <b>X</b> m             | 34525X1  |
| 101           | Mono-Synthetic-Liner                  |          |
|               | PTFE 2,0 x 4,0 mm / <b>X</b> m red    | 34120X0  |
|               | PTFE 2,7 x 4,7 mm / <b>X</b> m yellow | 34727X0  |
|               | Carbon-PTFE 2,0 x 4,0 mm / <b>X</b> m | 35120X0  |
|               | Carbon-PTFE 2,7 x 4,7 mm / <b>X</b> m | 35727X0  |
|               | PA 2,0 x 4,0 mm / <b>X</b> m          | 35220X0  |
|               | PA 2,3 x 4,7 mm / <b>X</b> m          | 35323X0  |
|               | PA 2,7 x 4,7 mm / <b>X</b> m          | 35327X0  |
| 102           | Combi-Synthetic-Liner                 |          |
|               | PTFE 2,0 x 4,0 mm / <b>X</b> m red    | 34120X0K |
|               | PTFE 2,7 x 4,7 mm / <b>X</b> m yellow | 34727X0K |
|               | Carbon-PTFE 2,0 x 4,0 mm / <b>X</b> m | 35120X0K |
|               | Carbon-PTFE 2,7 x 4,7 mm / <b>X</b> m | 35727X0K |
|               | PA 2,0 x 4,0 mm / <b>X</b> m          | 35320X0K |
|               | PA 2,3 x 4,7 mm / <b>X</b> m          | 35323X0K |
|               | PA 2,7 x 4,7 mm / <b>X</b> m          | 35327X0K |

**i** Liners available in 3 m / 4 m / 5 m length.  
Please insert length at **X**.  
Example: Steel-Liner **4** m = 34520**4**1

**\*** Parts marked with \* are included in the standard configuration

|            |                               |                |
|------------|-------------------------------|----------------|
|            | Collet (Mono & Combi)         |                |
| <b>103</b> | for Steel-Liner Ø 4,5 mm      | <b>2155645</b> |
| <b>104</b> | for Synthetic-Liner Ø 4,0 mm  | <b>2155740</b> |
| <b>104</b> | for Synthetic-Liner Ø 4,7 mm  | <b>2415747</b> |
| <b>105</b> | O-Ring                        |                |
|            | for Synthetic and Combi Liner | <b>0031500</b> |