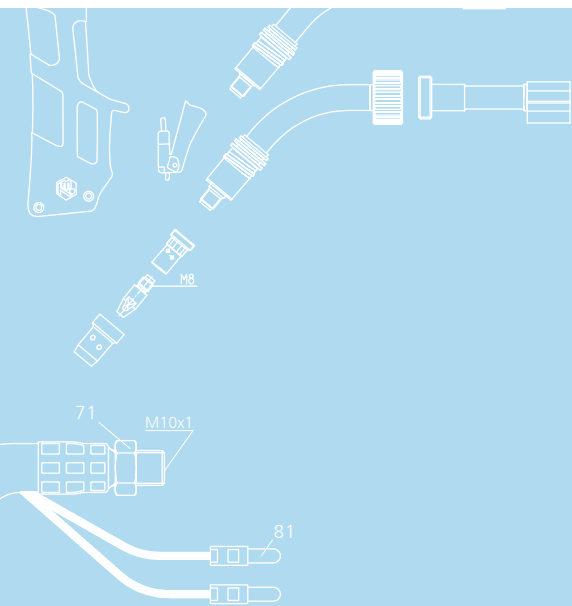




Top 2000 TBI 7G (S, L, DR)



Air cooled

DR: changeable swivel neck

TBi-Flex rubber coaxial cable

Technical data

MIG/MAG (GMAW) Semi-automatic welding torch TBI 7G-S / 7G-L / 7G DR

Rating at 60% duty cycle (10 min. cycle)

- Mixed gas: 325 A (7G-L: 345 A, 7G DR: 285 A)
- CO₂: 360 A (7G-L: 380 A, 7G DR: 300 A)

Cooling method Air cooling

Wire diameter 1.0 - 1.2 mm

Gas flow 15 l/min

Technical specification according to IEC 60974-7

Weight with 1.5m cable 2.30 kg (TBI 7G DR: 2.60 kg)

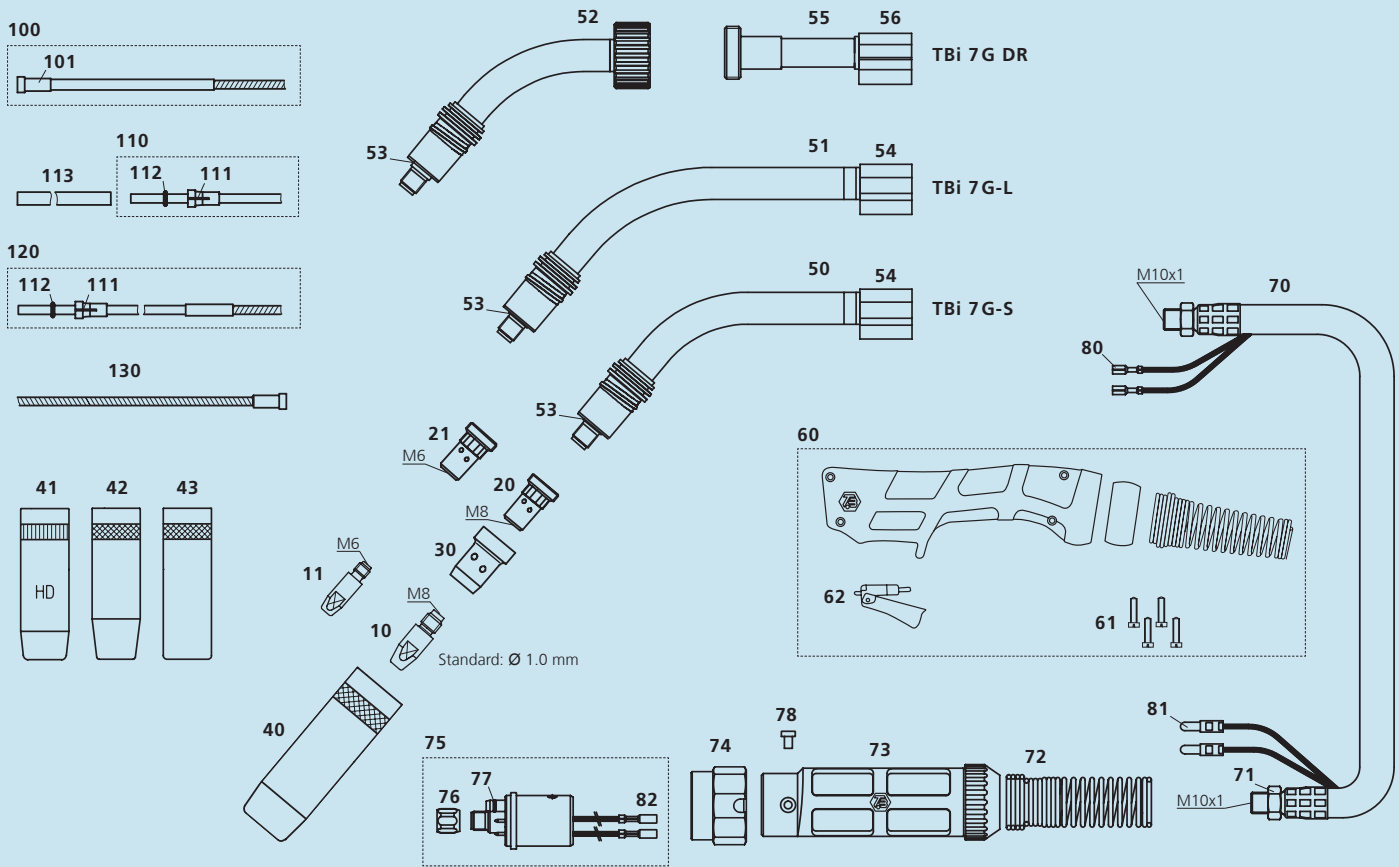
Connection Euro-Central connector
Other connectors (e.g. CLOOS®, ESAB®, Lincoln®) available upon request.

Torch rating will be reduced when using pulsed-arc power sources. Special torch necks and custom lengths of the coaxial cable are available upon request.

Ordering Information

| | | |
|-----------|---------------|-------------|
| TBi 7G-S | ESG, 50° bent | 166P3423_0* |
| TBi 7G-L | ESG, 50° bent | 166P4423_0* |
| TBi 7G DR | ESG, 45° bent | 166P3423_D* |

* At the blank, please insert 3, 4 or 5 for a torch length of 3, 4 or 5 m.



Pos. Description

Part no.

Contact tips

| | | |
|------|----------------------------|------------|
| ▶ 10 | Contact tip M8x30, Ecu | 340P_1262* |
| 10 | Contact tip M8x30, CuCrZr | 340P_3262* |
| 10 | Contact tip M8x30 Alu, Ecu | 341P_1262* |
| 11 | Contact tip M6x28, Ecu | 340P_1069* |
| 11 | Contact tip M6x28, CuCrZr | 340P_3069* |
| 11 | Contact tip M6x28 Alu, Ecu | 341P_1069* |

Tip holders

| | | |
|------|--------------------------------|------------|
| ▶ 20 | Tip holder M8 / L=25 mm | 342P008033 |
| 20 | Tip holder CuCrZr M8 / L=25 mm | 342P008171 |
| 20 | Tip holder M8 / L=29 mm | 342P008133 |
| 21 | Tip holder M6 / L=25 mm | 342P006033 |
| 21 | Tip holder M6 / L=29 mm | 342P006133 |

Gas diffusers

| | | |
|------|-----------------------|------------|
| ▶ 30 | Gas diffuser, black | 130P002026 |
| 30 | Gas diffuser, white | 130P002017 |
| 30 | Gas diffuser, ceramic | 130P002019 |
| 30 | Gas diffuser, brown | 130P002031 |

Gas nozzles

| | | |
|------|------------------------------|------------|
| ▶ 40 | Nozzle con. diam. 16.0 mm | 345P022171 |
| 41 | Nozzle con. diam. 16.0 mm HD | 345P022271 |
| 42 | Nozzle con. diam. 14.0 mm | 345P023171 |
| 43 | Nozzle cyl. diam. 19.0 mm | 345P021171 |

Spare parts

| | | |
|----|---------------------------|------------|
| 50 | Torch neck TBi 7G-S, 50° | 166P101140 |
| 51 | Torch neck TBi 7G-L, 50° | 166P101150 |
| 52 | Torch neck TBi 7G DR, 45° | 166P101130 |

▶ = Standard equipment

* At the blank, please insert suitable information for torch length or wire diameter, e.g. 08 for 0.8 mm or 3 for 3 mm.

Pos. Description

Part no.

| | | |
|----|--|-------------|
| 53 | Insulating washer | 130P002004 |
| 54 | PVC body | 600P002018 |
| 55 | Support for DR necks | 600P101045 |
| 56 | PVC body | 600P002017 |
| 60 | Handle blue, aircooled, cpl. kit | 380P220400 |
| 61 | Cross recessed screw M3.5x14 | 100P008413 |
| 62 | Trigger, red, 2 poles | 385P021016 |
| 70 | TBi-Flex coaxial cable 35 sqmm (7G-S / 7G DR) | 360P3511_0* |
| 70 | TBi-Flex coaxial cable 50 sqmm (7G-L) | 360P5011_0* |
| 71 | Hex nut M10x1 | 101P002005 |
| 72 | Spring support small 16-50 sqmm | 600P102099 |
| 73 | Cable support cpl. (2 pieces) | 701P001045 |
| 74 | Adaptor nut | 701P001013 |
| 75 | Central adaptor ESG cpl., 2 poles, moveable pins | 701P001048 |
| 76 | Sleeve nut M10x1 | 701P002005 |
| 77 | O-ring 4.0x1.0 mm (gas nipple) | 365P100040 |
| 78 | Slotted screw M4x6 | 100P008401 |
| 80 | Cable lug, flat | 375P000023 |
| 81 | Insulated connector, male, round | 375P000004 |
| 82 | Insulated connector, female, round | 375P000003 |

Wire guides

| | | |
|-------|--|-------------|
| ▶ 100 | Liner w/ insulation red (x.40 m) for wire 1.0-1.2 | 324P2045_4* |
| 100 | Liner w/ insulation yellow (x.40 m) for wire 1.2-1.6 | 324P2545_4* |
| 101 | Collet for liners dia. 4.5 mm | 330P025045 |
| 110 | Teflon liner red (x.50 m) for wire 1.0-1.2 | 326P2040_5* |
| 110 | Teflon liner yellow (x.50 m) for wire 1.2-1.6 | 326P2747_5* |
| 111 | Collet for teflon and PA liner 2.0x4.0 mm | 331P020040 |
| 111 | Collet for teflon and PA liner 2.7x4.7 mm | 331P027047 |
| 112 | O-ring 3.50x1.50 mm (teflon liner) | 365P150035 |
| 113 | Support tube 5x4.4 mm, L=150 mm | 329P544150 |
| 120 | PA-Alu wire guide (x.50 m) for wire 1.0-1.2 | 328P2040_A* |
| 130 | Liner for TBI DR Torch necks | 322P204005 |