



TBi 7W Carbon

MIG Brazing and Welding of Al, Mg, Zn

Gas nozzle is precisely held by a sleeve nut

Special-use torch for "cold" arcs

Technical data

MIG / MAG (GMAW) semi-automatic welding torch TBi 7W Carbon

Rating at 100% duty cycle
(10 min. cycle)

- Mixed gas: 240 A with graphite contact tip
400 A with Cu contact tip

Cooling method water cooling

Wire diameter 0.8 / 1.0 / 1.2 mm

Gas flow 15 l/min

Technical specification according to IEC 60974-7

Weight with 1.5 m cable 1.60 kg

Connection Euro-Central connector, other connectors (z.B. CLOOS®, ESAB®, Lincoln®, Rehm®) available upon request.

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

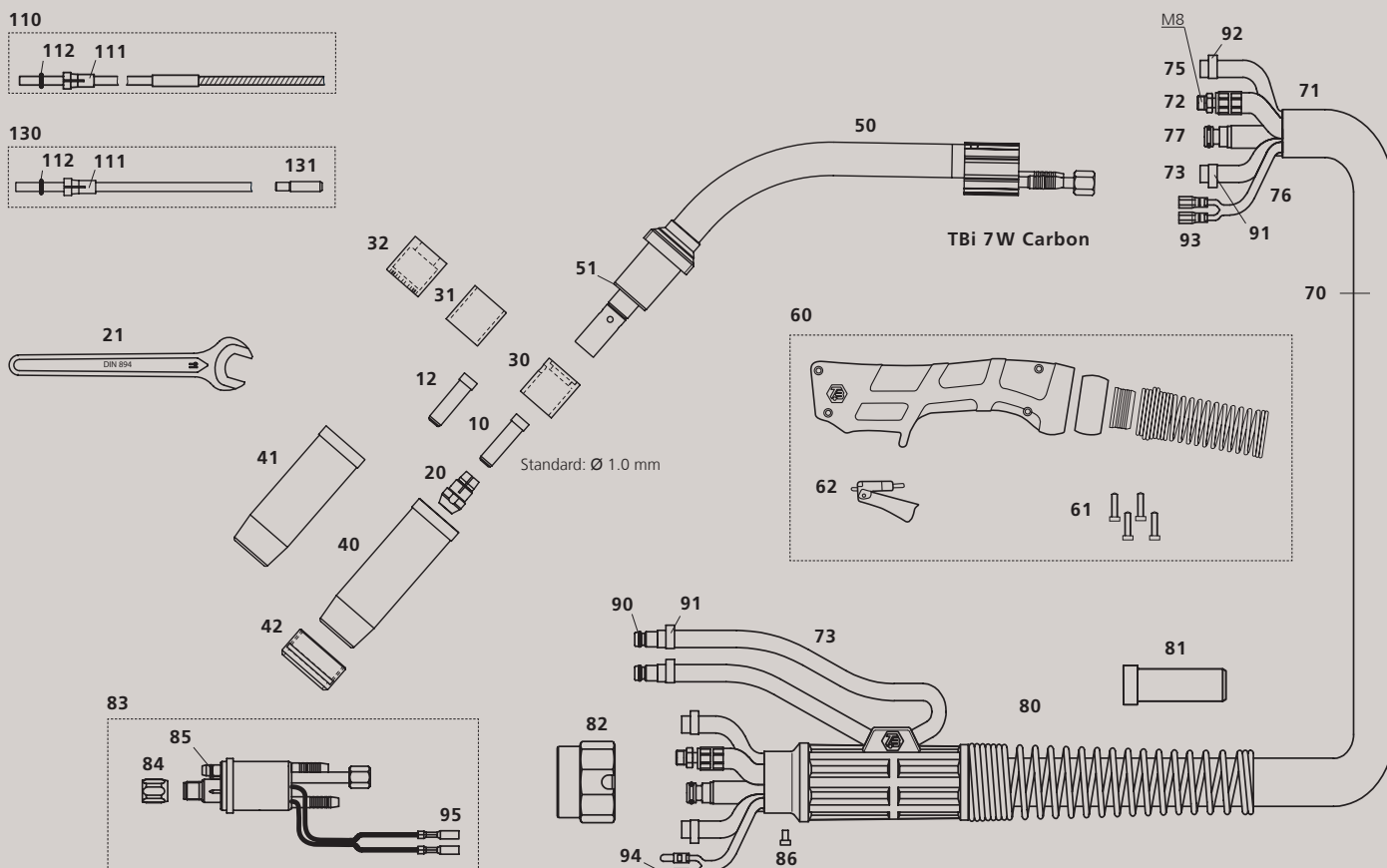


The graphite contact tip is reliably held in a collet

Ordering information

TBi 7W Carbon ESW, 50° bent 174PC415_0*

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



Pos. Description

Part. No.

Pos. Description

Part. No.

Contact tips

► 10	Graphite contact tip	340P_C701*
10	Contact tip CuCrZr	343P_3701*
20	Collet	174P102015
21	Open end wrench, size 11 mm	391P102021

Nozzle insulators

► 30	Nozzle insulator ceramic	346P014661
31	Nozzle insulator glasfiber	346P054860
32	Nozzle insulator gas-lens	346P015174

Gas nozzles

► 40	Gas nozzle con., L=75.5 mm	345P012174
41	Gas nozzle con., L=71 mm, for short arc	345P012274
42	Sleeve nut for gas nozzle	174P102018

Spare parts

50	Torch neck TBi 7W Carbon, 50° (long)	174P101009
51	Insulating washer	130P002004
60	Handle blue, watercooled, cpl. kit	380P220401
61	Cross recessed screw M3.5x14	100P008413
62	Trigger, red, 2 poles	385P021016
70	Cable assembly TBi Top 2000, 2-C	171P4B45_0*
71	Fabric outer cover 25x1.5 mm, cpl.	307P2528_A*
72	Water-power cable Top 2000, blue, 2-C	316P1622_0*
73	Water hose 2-C, black, 5x1.5 mm	303P070000
75	PVC-Gas hose, black 4.5x1.5 mm	302P010000
76	Control cable x.30 m cpl.	301P2304_0*
77	Wire conduit yellow (Top 2000)	356P0C0C_0*
80	Cable support 3 parts cpl. with spring	701P101071
81	Cable support 70 sqmm	600P002107
82	Adaptor nut	701P001013

Wire guides

► 110	PA-Alu wire guide (x.50 m) for wire 1.0-1.2	328P2040_A*
110	PA-Alu wire guide (x.50 m) for wire 1.2-1.6	328P2347_A*
111	Collet for teflon and PA liner 4.0 mm	331P020040
111	Collet for teflon and PA liner 4.7 mm	331P027047
112	O-ring 3.50x1.50 mm (teflon liner)	365P150035

Special wire guides

130	Wire guide set Carbon (x.5 m), yellow, for wire 0.8-1.2 mm	326P2747_C*
131	Wire guide tip	174P102106

► = 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 m.

© 2009 TBI Industries GmbH. All rights reserved. Subject to change without notice. Warranty only when using original TBI consumables and spare parts. Excerpts and reprints not permitted. Nr. DOKP151012, 07/2009.

TBI Industries GmbH
Ruhberg 14
D-35463 Fernwald-Steinbach
P.O. Box 67
D-35461 Fernwald-Steinbach

Tel. + 49 6404 9171-0
Fax. + 49 6404 9171-40
Internet: www.tbi-industries.com
E-mail: info@tbi-industries.com