

AUTOMATION SERIES

AQ-22

TIGZONE®

TORCHES



100
%DC



WØ
1,0
–
3,2
mm

250
A DC
180
A AC

TIGZONE AQ-22 – watercooled TIG-Torch

The Torch

Tungsten changeover by using the front or back tungsten loading areas

The Cable

Super-Flex® cables and Super-Soft® leather remains flexible and ease to handle with a significant cable lifetime

The End-Connector

Available for all standard welding machines

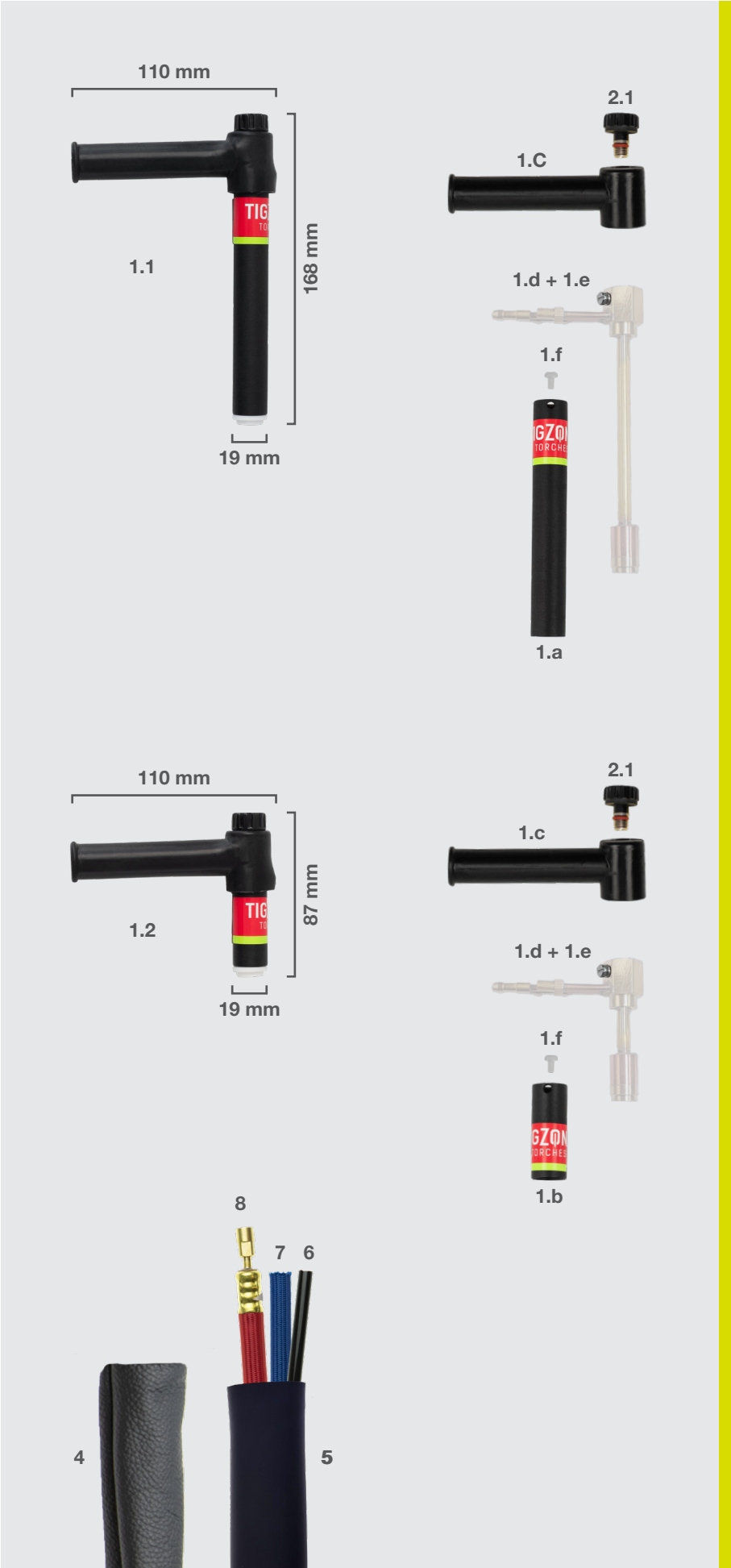
Variants

A and B Model size

DIN Norm

CE EN 60 974-7

TIGZONE AQ-22 – Torch / Back End Consumables



Torch Front Group

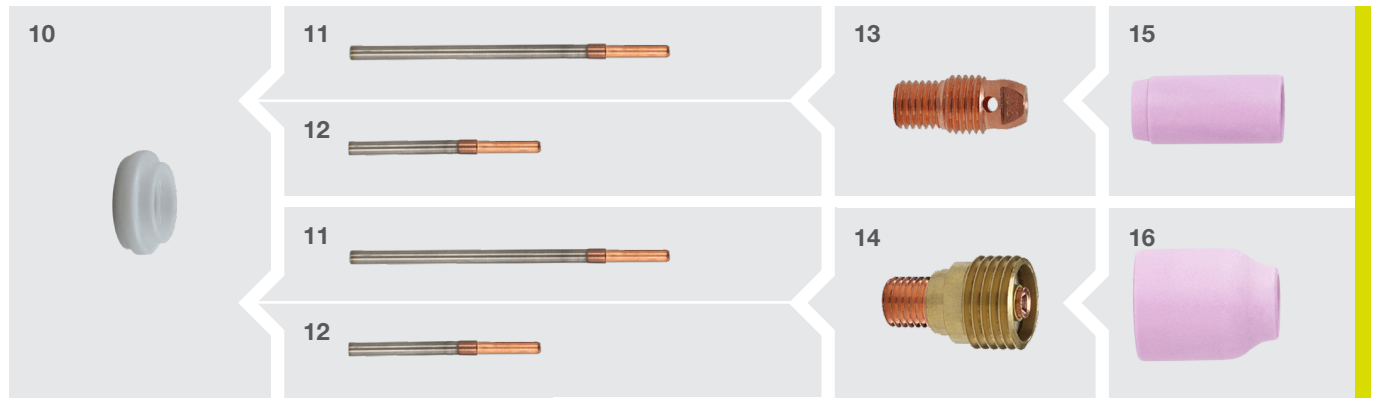
1	Torch Body incl. insulator (10) and backcap	
.1	AQ-22A	AQ22A
.2	AQ-22B	AQ22B
.a	Barrel long	7" 22-8A
.b	Barrel short	3" 22-8B
.c	Insulating Boot	22-9
.d	Screw	27-10
.e	Washer	27-11
.f	Screw Nylon	18R-1

Cable Group

4	Cable cover leather	TZ-1022R-TIG
5	Cable cover 25x1.5mm	RS-25
6	Gas Hose	
	4m	45V09R-*
	4m SF	45V09R-SF-*
	8m	45V10R-*
	8m SF	45V10R-SF-*
7	Water Hose	
	4m	45V07R-*
	4m SF	45V07R-SF-*
	8m	45V08R-*
	8m SF	45V08R-SF-*
8	Power Cable	
	4m	G45V03-*
	4m SF	G45V03-SF-*
	8m	G45V04-*
	8m SF	G45V04-SF-*

* Please specify machine connections e.g. 1/4, 3/8 etc.

TIGZONE AQ-22 – Front End Consumables



Size	10 Insulator (std.)	11 Collet	12 Collet Wedge	13 Collet Body	14 Gas Lens
Ø .020" (0.5 mm)	-	-	-	-	-
Ø .040 " (1.0 mm)	-	-	-	-	-
Ø 1/16" (1.6 mm)	-	-	-	-	-
Ø 3/32" (2.4 mm)	-	-	-	-	-
Ø 1/8" (3.2 mm)	-	-	-	-	-

i Cup Sizes

Have a look at the different sizes of the same cup.



#4

#6

#12

Size	15 Cup (29,35 mm)	15 Super Cup (Sil.Nitride)	15 Cup L (48 mm)	15 Cup XL (63 mm)	16 Cup (25.40 mm)	16 Super Cup (Sil.Nitride)	16 Cup L (35 mm)	16 Cup XL (72 mm)
#3 Ø 4.75 mm	-	-	A796F70	A796F74	-	-	-	-
#4 Ø 6.35 mm	13N08	13N08SC	A796F71	A796F75	53N58	53N58SC	53N58L	53N58XL
#5 Ø 7.93 mm	13N09	13N09SC	A796F72	A796F76	53N59	53N59SC	53N59L	53N59XL
#6 Ø 9.52 mm	13N10	13N10SC	A796F73	A796F77	53N60	53N60SC	53N60L	53N60XL
#7 Ø 11.11 mm	13N11	13N11SC	-	-	53N61	53N61SC	53N61L	53N61XL
#8 Ø 12.70 mm	13N12	13N12SC	-	-	53N61S	53N61SSC	53N61SL	-
#10 Ø 15.87 mm	13N13	13N13SC	-	-	53N61S-10	-	-	-

i Parts

These parts come in different **materials**, **variants** and **sizes**.

For additional information see above.

i TIGZONE eVo - FLO

For greater gas coverage you can use our eVo FLO gas nozzle.

Fits on Gas Lens (14).

