

AUTOMATION SERIES

AQ-27

TIGZONE®
TORCHES



100
%DC



WØ
1,6
—
6,4
mm

500
A DC

350
A AC

TIGZONE AQ-27 – 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-27 – Torch / Back End Consumables



Torch Front Group

1	Torch Body	
.1	AQ-27A	AQ27A
.2	AQ-27B	AQ27B
.a	Barrel short	9" 27-10A
.b	Barrel long	20" 27-10B
.c	Screw Nylon one piece	27-19
.d	Screw Brass	27-10
.e	Washer Brass	27-11
.f	O-Ring (brass body)	27-2-4
2	Shaft Assembly	
.1	Short (A) Complete with O-Rings	27-13A
.2	Long (A) Complete with O-Rings	27-13B
.3	O-Ring (outer)	27-13-2
.4	O-Ring (inner)	27-13-3

Cable Group

4	Cable cover	
	leather	TZ-1028R-TIG
5	Cable cover	
	25x1.5mm	RS-25
6	Gas Hose	
	4m	40V82R-*
	4m SF	40V82R-SF-*
	8m	40V82RL-*
	8m SF	40V82RL-SF-*
7	Water Hose	
	4m	40V83R-*
	4m SF	40V83R-SF-*
	8m	40V83RL-*
	8m SF	40V83RL-SF-*
8	Power Cable	
	4m	40V84R-*
	4m SF	40V84R-SF-*
	8m	40V84RL-*
	8m SF	40V84RL-SF-*

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

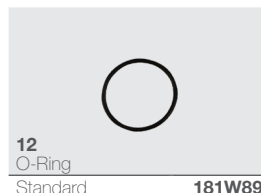
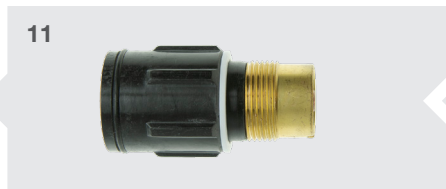
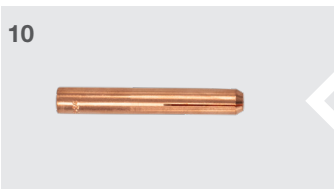
TIGZONE AQ-27 – Front End Consumables

i **Parts**

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

For additional information see below.

i The gas lens comes with preinstalled O-Ring and Gasket. On the right are the ordering numbers for the replacement parts.



Size	10 Collet	11 Gas Lens
Ø 1/16" (1.6 mm)	57N46	49V23
Ø 3/32" (2.4 mm)	57N47	49V24
Ø 1/8" (3.2 mm)	57N48	49V25
Ø 5/32" (4.0 mm)	57N49	49V26
Ø 3/16" (4.8 mm)	57N50	49V27
Ø 1/4" (6.4 mm)	57N51	49V28

Size						
		14 Cup (47,62 mm)	14 Super Cup (Sil.Nitride)	14 Cup L (70 mm)	14 Cup XL (84 mm)	14 Cup XXL (122 mm)
#3	Ø 4.75 mm	-	-	-	-	-
#4	Ø 6.35 mm	-	-	-	-	-
#5	Ø 7.93 mm	-	-	-	-	-
#6	Ø 9.52 mm	57N75	57N75SC	57N75L	57N75XL	57N75XXL
#7	Ø 11.11 mm	-	-	-	-	-
#8	Ø 12.70 mm	57N74	57N74SC	57N74L	57N74XL	57N74XXL
#10	Ø 15.87 mm	53N88	53N88SC	53N88L	53N88XL	53N88XXL
#12	Ø 19.05 mm	53N87	53N87SC	53N87L	53N87XL	53N87XXL