

AIR COOLED SERIES

AE-9**TIGZONE®**
TORCHES**60**
%DC**WØ**
0,5
–
3,2
mm**125**
A DC

100
A AC**TIGZONE AE-9 – aircooled TIG-Torch****The Torch**

Small and lightweight profile torch series designed for optimal control, especially in hard-to-reach places. Variety of torch body configurations suited to diverse welding applications

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

The Handle

3 Different handle and switch options

DIN Norm

CE EN 60 974-7

TIGZONE AE-9 – Torch / Back End Consumables



Torch Front Group

1	Torch Body incl. insulator (10)		
.1	AE-9		AE9
.2	AE-9V		AE9V
.3	AE-9F115	115 mm	AE9F115
.4	AE-9F	90 mm	AE9F
.5	AE-9FV	90 mm	AE9FV
.a	9F	90 mm	9F
.b	AE-150TB		AE150TB
.c	AE-150VTB		AE150VTB
.d	VS-2		VS2

2	Backcap		
.1	short		41V33
.2	medium		41V35
.3	long		41V24

Cable Group

4	Cable cover leather			TZ-1022R-TIG
5	Cable cover 22x1.5mm			RS-22
6	Power Cable			
	4m			57Y01R-*
	4m SF			57Y01R-SF-*
	8m			57Y03R-*
	8m SF			57Y03R-SF-*
7	Control			MOQ 100m
	Standard	(3x0.5mm)		LIYY-3x0,5
	U/D Torches	(6x0.25mm)		LIYCY-6x0,25

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

i H-100 Handle

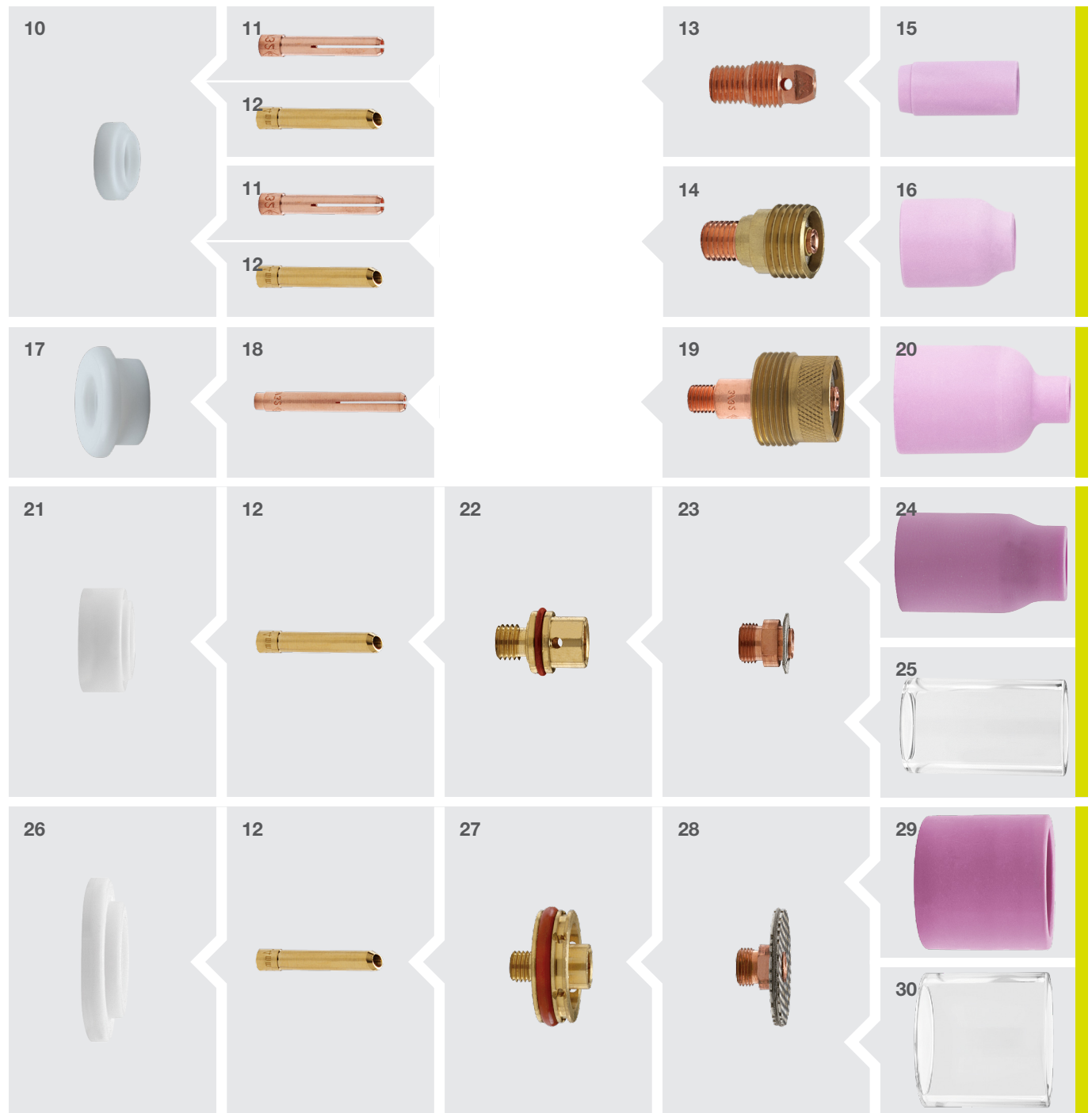
Fits AE9/9F/9FV/9F115 bodies.
Ordering Number: **H-100**



i Handles

More information regarding our **Handles** Group on page 2.

TIGZONE AE-9 – Front End Consumables Overview

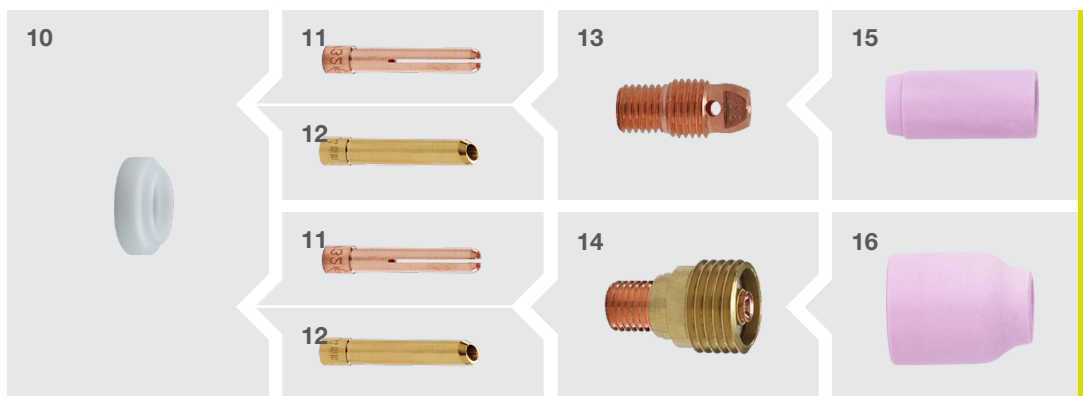


TIGZONE AE-9 – Front End Consumables

Parts

These parts come in different **ma-terials, variants** and **sizes**.

For additional information see below.



Size	10 Insulator (std.)	11 Collet	12 Collet Wedge	13 Collet Body	14 Gas Lens
Ø .020" (0.5 mm)		13N20	-	13N25	45V41
Ø .040" (1.0 mm)		13N21	2C040GS	13N26	45V42
Ø 1/16" (1.6 mm)	598882	13N22	2C116GS	13N27	45V43
Ø 3/32" (2.4 mm)		13N23	2C332GS	13N28	45V44
Ø 1/8" (3.2 mm)		13N24	2C418GS	13N29	45V45

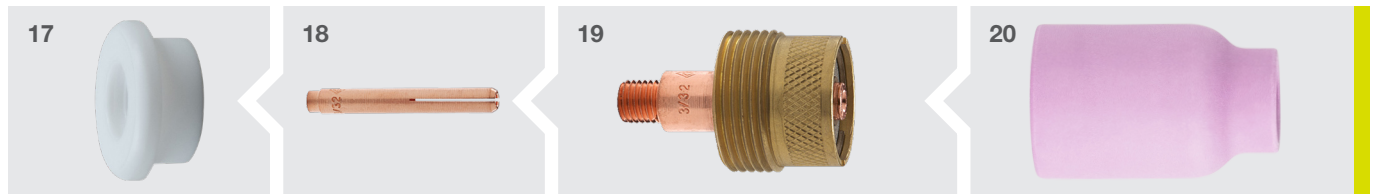
Cup Sizes

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



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	-	-	-

TIGZONE AE-9 – Front End Consumables



Size	17 Insulator for large Gaslens	18 Collet long	19 Gas Lens L
Ø .020" (0.5 mm)	54N63-20	13N20L	45V0204S
Ø .040" (1.0 mm)		13N21L	45V0204S
Ø 1/16" (1.6 mm)		13N22L	45V116S
Ø 3/32" (2.4 mm)		13N23L	45V64S
Ø 1/8" (3.2 mm)		13N24L	995795S

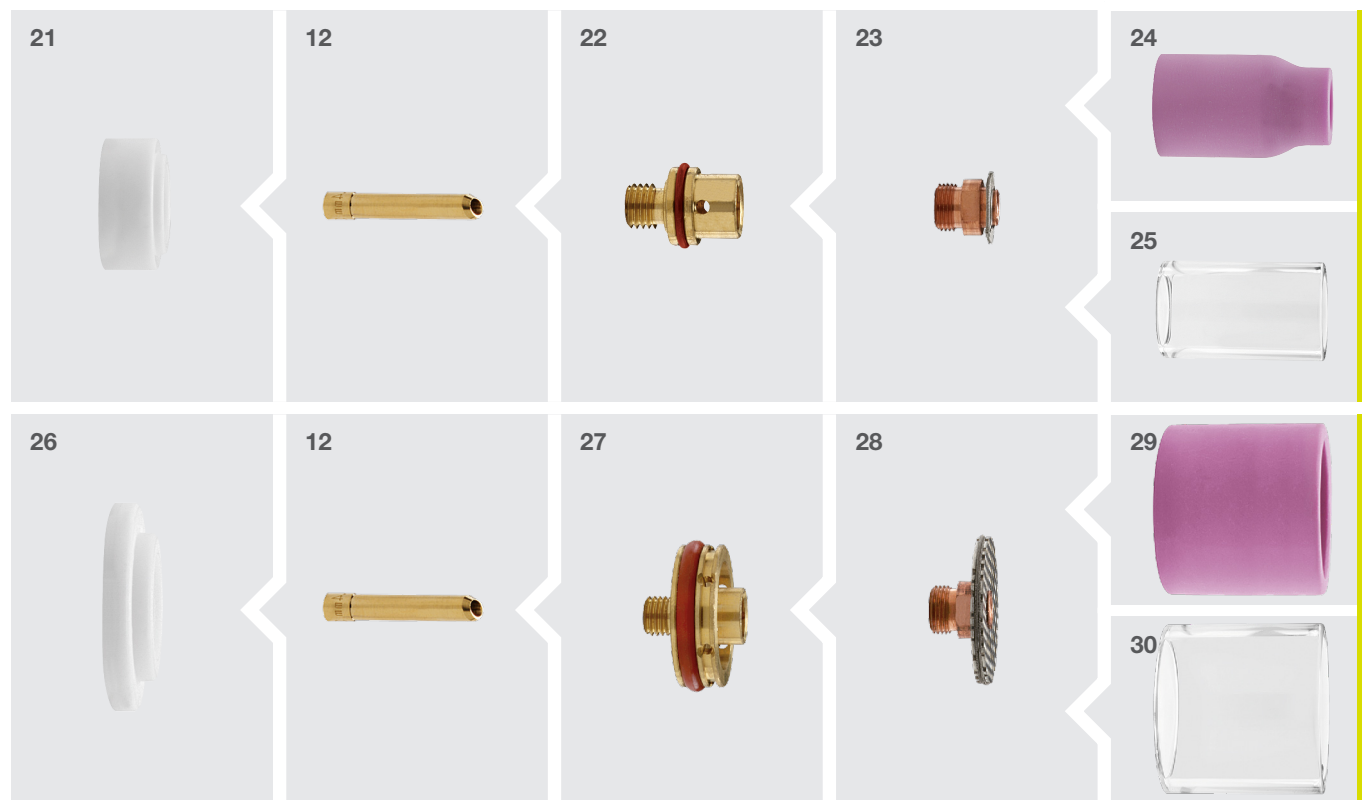
Parts

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

For additional information see below.

Size	20 Cup LD (47,62 mm)	20 Super Cup LD (Sil.Nitride)	20 Cup LD L (70 mm)	20 Cup LD XL (84 mm)	20 Cup LD 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

TIGZONE AE-9 – Front End Consumables



 21 Insulator Gas Saver Heatshield 2HSGS-1		 12 Collet Wedge	 22 Collet Body Gas Saver	 23 Tungsten Adapter with Screens	 27 Collet Body Gas Saver LD	 28 Tungsten Adapter with Screens
 26 Insulator Gas Saver LD 2HSGSLD	Size 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)	- 2C040GS 2C116GS 2C332GS 2C418GS	- 2CBGS-1	- TAS040GS TAS116GS TAS332GS TAS418GS	- 2CBGSLD	- TAS040GSLD TAS116GSLD TAS332GSLD TAS418GSLD

	 30 Cup Pyrex LD (32,5 mm)	 29 Cup LD (32,5 mm)	 25 Cup Pyrex (32,5 mm)	 24 Cup (32,50 mm)
Size #3 Ø 4.75 mm #4 Ø 6.35 mm #5 Ø 7.93 mm #6 Ø 9.52 mm #7 Ø 11.11 mm #8 Ø 12.70 mm #10 Ø 15.87 mm #18 Ø 28.50 mm	- - - - - - 2P18GSLD	- - - - - - 2A18GSLD	- - - - D2P8GS - - -	- 2A4GS 2A5GS 2A6GS 2A7GS 2A8GS - - -