

AIR COOLED SERIES

AE-17**TIGZONE®**
TORCHES**60**
%DC**WØ**
0,5
–
4,0
mm**150**
A DC

115
A AC**TIGZONE AE-17 – aircooled TIG-Torch****The Torch**

Designed for maximum comfort in a variety of applications.
Allround air-cooled torch

The End-Connector

Available for all standard welding machines

The Handle

3 Different handle and switch options

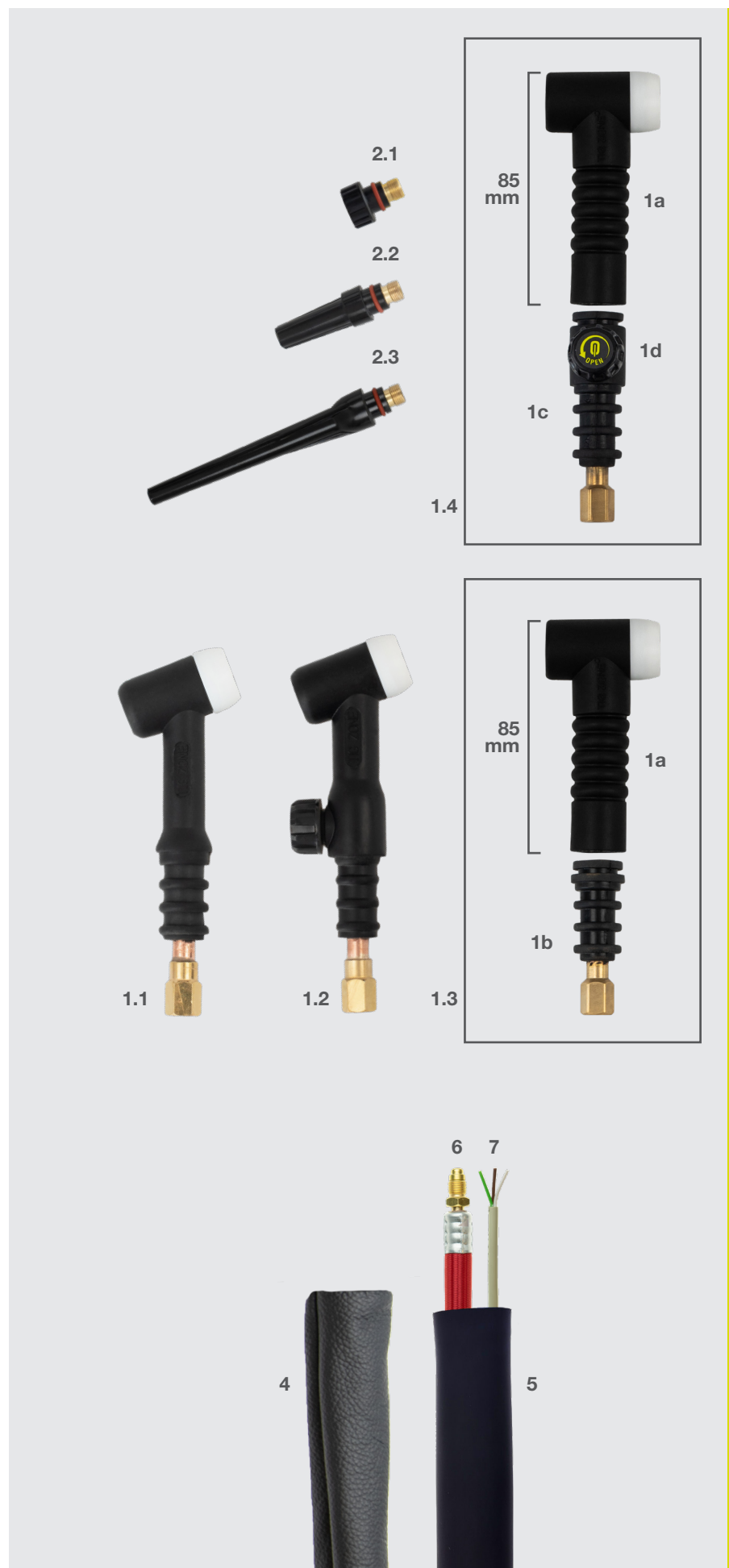
The Cable

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

DIN Norm

CE EN 60 974-7

TIGZONE AE-17 – Torch / Back End Consumables



Torch Front Group

1	Torch Body incl. insulator (15)		
.1	AE-17		AE17
.2	AE-17V		AE17V
.3	AE-17F	85 mm	AE17F
.4	AE-17FV	85 mm	AE17FV
.a	17F	85 mm	17F
.b	AE-150TB		AE150TB
.c	AE-150VTB		AE150VTB
.d	VS-2		VS2

2	Backcap		
.1	short		57Y04
.2	medium		57Y02M
.3	long		57Y02

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		
	Standard	(3x0.5mm)	MOQ 100m
	U/D Torches	(6x0.25mm)	LIYY-3x0,5
			LIYCY-6x0,25

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

i H-100 Handle

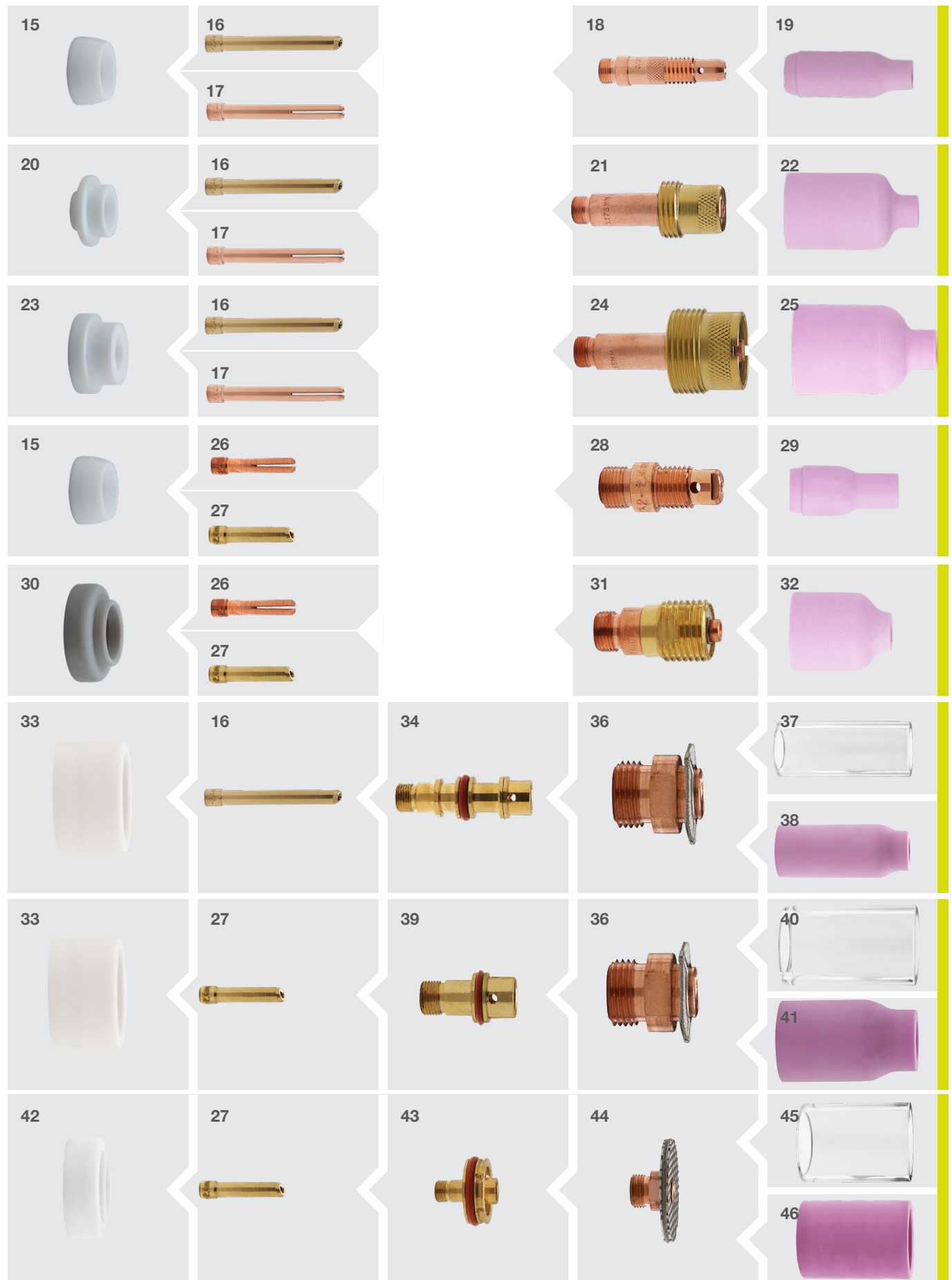
Fits AE17/17F/17FV bodies.
Ordering Number: **H-100**



i Handles

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

TIGZONE AE-17 – Front End Consumables Overview



TIGZONE AE-17 – Front End Consumables

Size	16 Collet Wedge	17 Collet	18 Collet Body	21 Gas Lens	24 Gas Lens	15 Insulator Standard 18CG	20 Insulator Gas Lens 54N01	23 Insulator LD Gas Lens 54N63
Ø .020" (0.5 mm)	-	10N21	10N29	45V29	45V0204			
Ø .040" (1.0 mm)	3C040GS	10N22	10N30	45V24				
Ø 1/16" (1.6 mm)	3C116GS	10N23	10N31	45V25	45V116			
Ø 3/32" (2.4 mm)	3C332GS	10N24	10N32	45V26	45V64			
Ø 1/8" (3.2 mm)	3C418GS	10N25	10N28	45V27	995795			
Ø 5/32" (4.0 mm)	3C532GS	54N20	406488	45V28	45V63			

Size	19 Cup (46,83 mm)	19 Super Cup (Sil.Nitride)	19 Cup L (76 mm)	22 Cup (41,27 mm)	22 Super Cup (Sil.Nitride)	22 Cup L (76 mm)
#3 Ø 4.75 mm	-	-	-	-	-	-
#4 Ø 6.35 mm	10N50	10N50SC	10N50L	54N18	54N18SC	54N18L
#5 Ø 7.93 mm	10N49	10N49SC	10N49L	54N17	54N17SC	54N17L
#6 Ø 9.52 mm	10N48	10N48SC	10N48L	54N16	54N16SC	54N16L
#7 Ø 11.11 mm	10N47	10N47SC	10N47L	54N15	54N15SC	54N15L
#8 Ø 12.70 mm	10N46	10N46SC	-	54N14	54N14SC	54N14L
#10 Ø 15.87 mm	10N45	10N45SC	-	-	-	-
#11 Ø 17.50 mm	-	-	-	54N19L	-	-
#12 Ø 19.05 mm	10N44	10N44SC	-	-	-	-

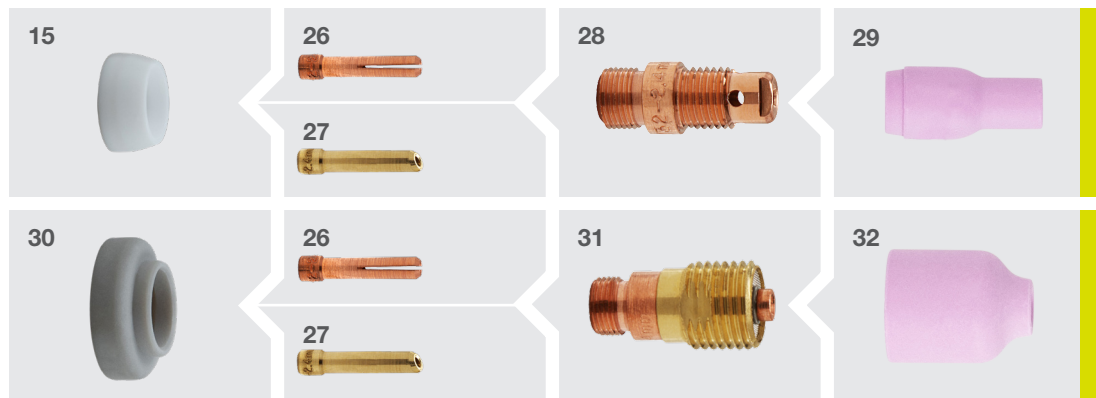
Size	25 Cup (47,62 mm)	25 Super Cup (Sil.Nitride)	25 Cup L (70 mm)	25 Cup XL (84 mm)	25 Cup XXL (122 mm)
#3 Ø 4.75 mm	-	-	-	-	-
#4 Ø 6.35 mm	-	-	-	-	-
#5 Ø 7.93 mm	-	-	-	-	-
#6 Ø 9.52 mm	57N75	57N75SC	57N75L	57N75XL	57N75XXL
#7 Ø 11.11 mm	-	-	-	-	-
#8 Ø 12.70 mm	57N74	57N74SC	57N74L	57N74XL	57N74XXL
#10 Ø 15.87 mm	53N88	53N88SC	53N88L	53N88XL	53N88XXL
#12 Ø 19.05 mm	53N87	53N87SC	53N87L	53N87XL	53N87XXL

TIGZONE AE-17 – Front End Consumables

Parts

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

For additional information see below.



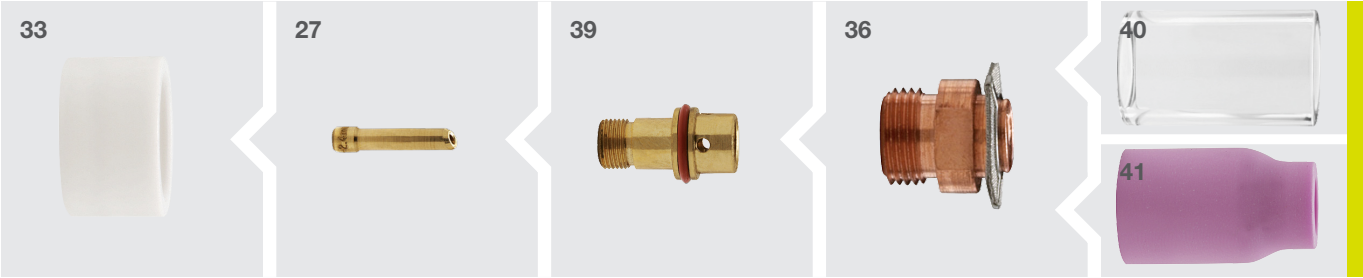
Size	15 Insulator Standard	30 Insulator Stubby Gas Lens	26 Stubby Collet	27 Collet Wedge	28 Short Collet Body	31 Stubby Gas Lens
Ø .020" (0.5 mm)			10N21S	-	4CB20	4GL20
Ø .040" (1.0 mm)			10N22S	4C040GS	4CB40	4GL40
Ø 1/16" (1.6 mm)	18CG	18CGG	10N23S	4C116GS	4CB116	4GL116
Ø 3/32" (2.4 mm)			10N24S	4C332GS	4CB332	4GL332
Ø 1/8" (3.2 mm)			10N25S	4C418GS	4CB418	4GL418
Ø 5/32" (4.0 mm)			4C532	4C532GS	4CB532	4GL532

Size	29 Cup (29,35 mm)	29 Super Cup (Sil.Nitride)	29 Cup L (48 mm)	29 Cup XL (63 mm)	32 Cup (25,40 mm)	32 Super Cup (Sil.Nitride)	32 Cup L (35 mm)	32 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	-	-	-
#12 Ø 19.05 mm	-	-	-	-	-	-	-	-

TIGZONE AE-17 – Front End Consumables



							
	33 Insulator Gas Saver	16 Collet Wedge	34 Collet Body Gas Saver	36 Tungsten Adapter with Screens		37 Cup Pyrex (47,62 mm)	38 Short Cup for Gas Saver (47,62 mm)
Size					Size		
Ø .020" (0.5 mm)		-	-	-	#3 Ø 4.75 mm	-	-
Ø .040" (1.0 mm)					#4 Ø 6.35 mm	-	3A4GS
Ø 1/16" (1.6 mm)					#5 Ø 7.93 mm	-	3A5GS
Ø 3/32" (2.4 mm)					#6 Ø 9.52 mm	-	3A6GS
Ø 1/8" (3.2 mm)	3HSGS	3C040GS 3C116GS 3C332GS 3C418GS 3C532GS	3CBGS	TAS040GS TAS116GS TAS332GS TAS418GS TAS532GS	#7 Ø 11.11 mm	-	3A7GS
Ø 5/32" (4.0 mm)					#8 Ø 12.70 mm	D3P8GS	3A8GS
					#10 Ø 15.87 mm	-	-
					#12 Ø 19.05 mm	-	-



							
	33 Insulator Gas Saver	27 Collet Wedge	39 Collet Body Gas Saver	36 Tungsten Adapter with Screens		40 Cup Pyrex (32,50 mm)	41 Short Cup for Gas Saver (32,50 mm)
Size					Size		
Ø .020" (0.5 mm)		-	-	-	#3 Ø 4.75 mm	-	-
Ø .040" (1.0 mm)					#4 Ø 6.35 mm	-	2A4GS
Ø 1/16" (1.6 mm)					#5 Ø 7.93 mm	-	2A5GS
Ø 3/32" (2.4 mm)					#6 Ø 9.52 mm	-	2A6GS
Ø 1/8" (3.2 mm)	3HSGS	4C040GS 4C116GS 4C332GS 4C418GS 4C532GS	4CBGS	TAS040GS TAS116GS TAS332GS TAS418GS TAS532GS	#7 Ø 11.11 mm	-	2A7GS
Ø 5/32" (4.0 mm)					#8 Ø 12.70 mm	D2P8GS	2A8GS
					#10 Ø 15.87 mm	-	-
					#12 Ø 19.05 mm	-	-

TIGZONE AE-17 – Front End Consumables



	27	27	43	44
	Insulator Gas Saver LD	Collet Wedge	Collet Body Gas Saver LD	Tungsten Adapter with Screens
Size				
Ø .020" (0.5 mm)	-	-	-	-
Ø .040 " (1.0 mm)		4C040GS		TAS040GSLD
Ø 1/16" (1.6 mm)		4C116GS		TAS116GSLD
Ø 3/32" (2.4 mm)	4HSGSLD	4C332GS	4CBGSLD	TAS332GSLD
Ø 1/8" (3.2 mm)		4C418GS		TAS418GSLD
Ø 5/32" (4.0 mm)		4C532GS		TAS532GSLD

	45	46
	Cup Pyrex LD (47,62 mm)	Cup LD GasSaver (47,62 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	-
#12	Ø 19.05 mm	-
#18	Ø 28.50 mm	2A12GSLD
	4P18GSLD	4A18GSLD