

ENDURANCE SERIES

AE-210**TIGZONE®**
TORCHES**60**
%DC**WØ**
0,5
–
4,0
mm**210**
A DC

160
A AC**TIGZONE AE-210 – aircooled TIG-Torch****The Torch**

Small profile torch designed for demanding applications and high amperage output

The End-Connector

Available for all standard welding machines

The Handle

Endurance triangle design with different switch options

The Cable

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

DIN Norm

CE EN 60 974-7

TIGZONE AE-210 – Torch / Back End Consumables



Torch Front Group

1	Torch	
	Body incl. insulator (5.1)	AE210
2	Backcap	
.1	short	AQ210-BCS
.2	medium	AQ210-BCM
.3	long	AQ210-BCL

Cable Group

4	Cable cover	
	leather	TZ-1027Y
5	Cable cover	
	25x1.5mm	RS-25
6	Power Cable	
	4m	46V28R-SF-*
	8m	46V30R-SF-*
7	Control	
	4m	AE210-12CC-*
	8m	AE210-25CC-*

i Handles

More information regarding our
Handles Group on page 2.



TIGZONE AE-210 – Front End Consumables Overview



TIGZONE AE-210 – Front End Consumables

						
Size	16 Collet Wedge	17 Collet	18 Collet Body	21 Gas Lens	24 Gas Lens	15 Insulator Standard 18CG
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	20 Insulator Gas Lens 54N01
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	23 Insulator LD Gas Lens 54N63

						
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	-	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

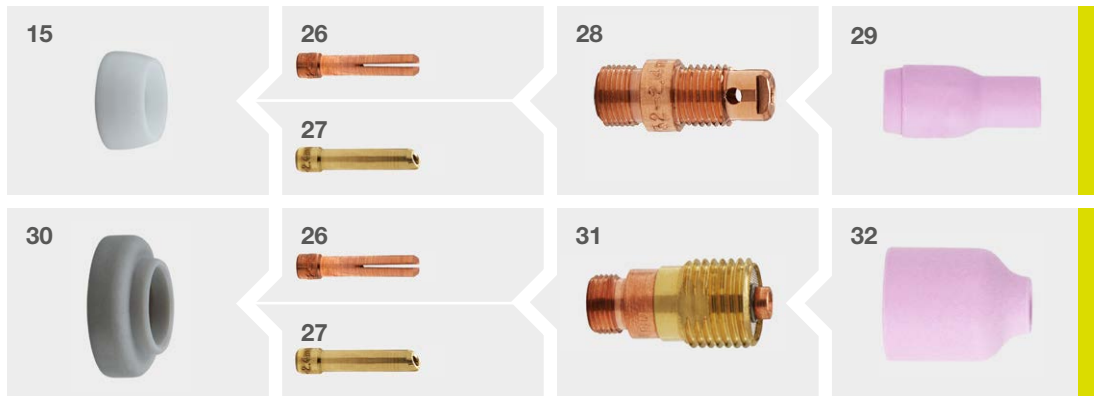


TIGZONE AE-210 – Front End Consumables

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-210 – Front End Consumables



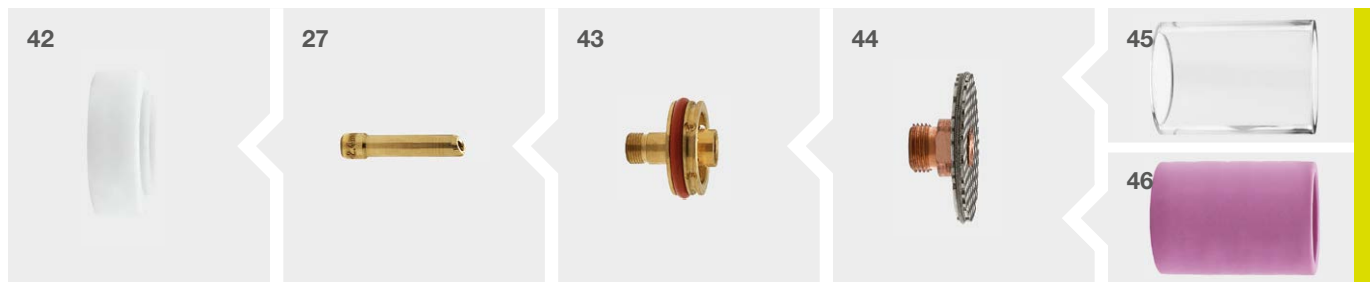
							
Size							
Ø .020" (0.5 mm)		-	-	-	#3 Ø 4.75 mm	-	-
Ø .040" (1.0 mm)					#4 Ø 6.35 mm	-	3A4GS
Ø 1/16" (1.6 mm)					#5 Ø 7.93 mm	-	3A5GS
Ø 3/32" (2.4 mm)					#6 Ø 9.52 mm	-	3A6GS
Ø 1/8" (3.2 mm)	3HSGS		3CBGS	TAS040GS TAS116GS TAS332GS TAS418GS TAS532GS	#7 Ø 11.11 mm	-	3A7GS
Ø 5/32" (4.0 mm)		3C040GS 3C116GS 3C332GS 3C418GS 3C532GS			#8 Ø 12.70 mm	D3P8GS	3A8GS
					#10 Ø 15.87 mm	-	-
					#12 Ø 19.05 mm	-	-



							
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		4CBGS	TAS040GS TAS116GS TAS332GS TAS418GS TAS532GS	#7 Ø 11.11 mm	-	2A7GS
Ø 5/32" (4.0 mm)		4C040GS 4C116GS 4C332GS 4C418GS 4C532GS			#8 Ø 12.70 mm	D2P8GS	2A8GS
					#10 Ø 15.87 mm	-	-
					#12 Ø 19.05 mm	-	-



TIGZONE AE-210 – Front End Consumables



				
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

		
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