

WATER COOLED SERIES

AQ-18**TIGZONE®**
TORCHES**100**
%DC**WØ**
0,5
–
4,0
mm**350**
A DC

250
A AC**TIGZONE AQ-18 – watercooled TIG-Torch****The Torch**

Rugged designed torch for high-amperage and continuous hand-held welding

The End-Connector

Available for all standard welding machines

The Handle

Choose between the ERGO or HD handle series

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 AQ-18 – Torch / Back End Consumables



Torch Front Group

1	Torch Body incl. insulator (15)	
.1	AQ-18	AQ18
.2	AQ-18F	AQ18F
.3	AQ-18V	AQ18V
.a	VS-1	VS1

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

Cable Group

4	Cable cover leather	TZ-1028R-TIG
5	Cable cover 25x1.5mm	RS-25
6	Gas Hose	
	4m	40V75R-*
	4m SF	40V75R-SF-*
	8m	41V30R-*
	8m SF	41V30R-SF-*
7	Water Hose	
	4m	40V74R-*
	4m SF	40V74R-SF-*
	8m	41V32R-*
	8m SF	41V32R-SF-*
8	Power Cable	
	4m	40V64R-*
	4m SF	40V64R-SF-*
	8m	41V29R-*
	8m SF	41V29R-SF-*
9	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 Handle w/o switch

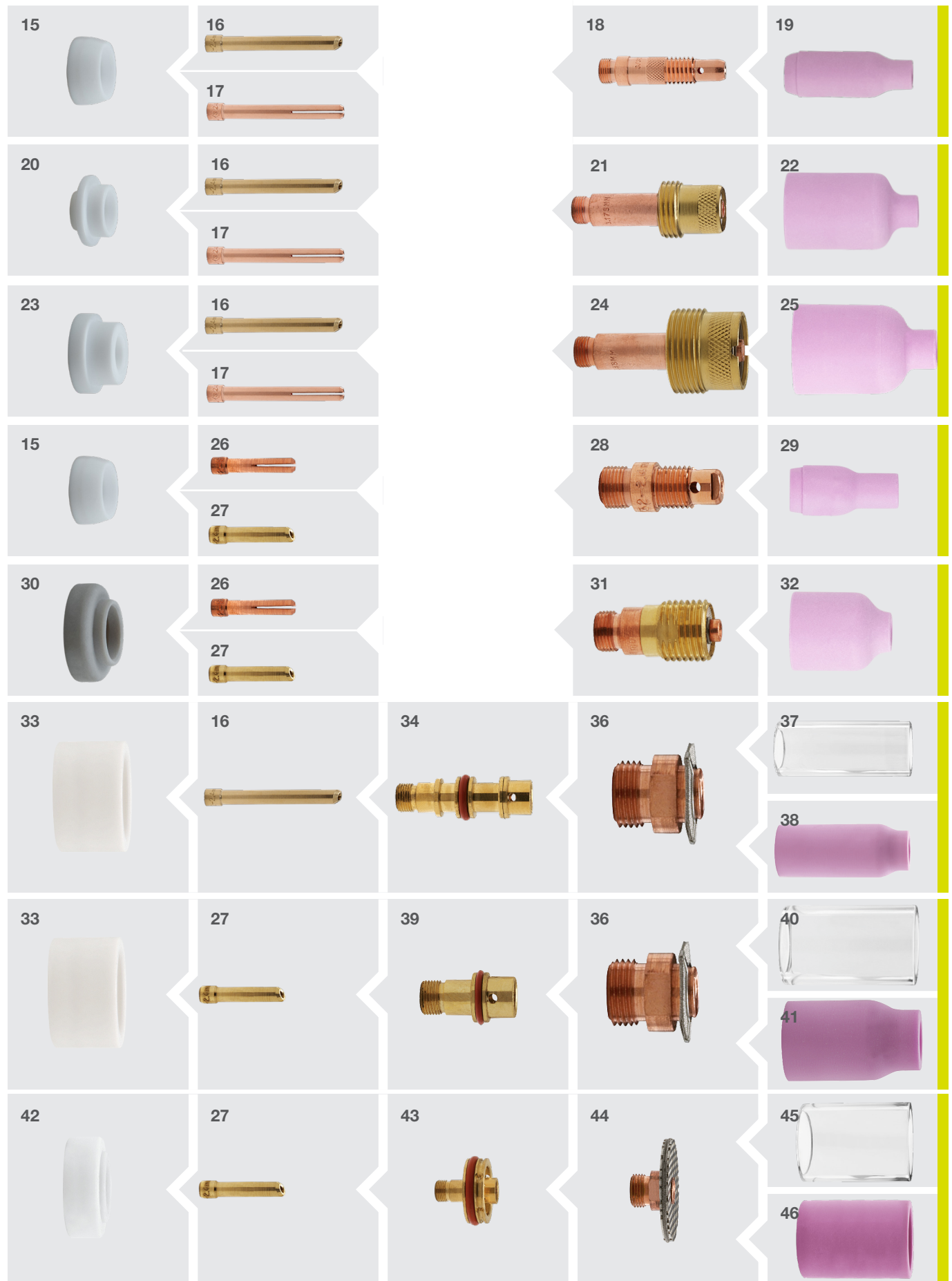
Ordering
Number:
H-200



i Handles

More information regarding our
Handles Group on page 2.

TIGZONE AQ-18 – Front End Consumables Overview



TIGZONE AQ-18 – 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	-	-	-	-
#11 Ø 17.50 mm	-	-	-	54N19L	-	-
#12 Ø 19.05 mm	10N44	10N44SC	-	-	-	-

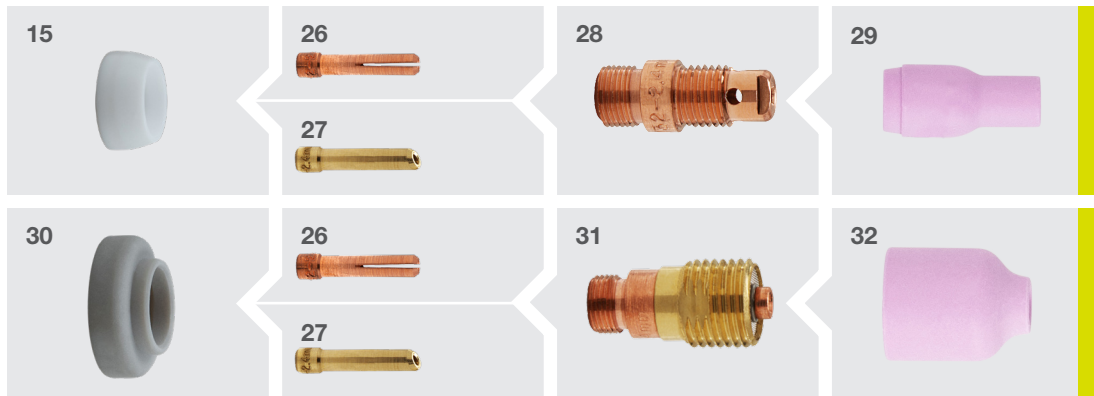
					
Size	25 Cup (47,62 mm)	25 Super Cup (Sil.Nitride)	25 Cup L (70 mm)	25 Cup XL (84 mm)	25 Cup XXL (122 mm)
#3 Ø 4.75 mm	-	-	-	-	-
#4 Ø 6.35 mm	-	-	-	-	-
#5 Ø 7.93 mm	-	-	-	-	-
#6 Ø 9.52 mm	57N75	57N75SC	57N75L	57N75XL	57N75XXL
#7 Ø 11.11 mm	-	-	-	-	-
#8 Ø 12.70 mm	57N74	57N74SC	57N74L	57N74XL	57N74XXL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

TIGZONE AQ-18 – Front End Consumables

Parts

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

For additional information see below.



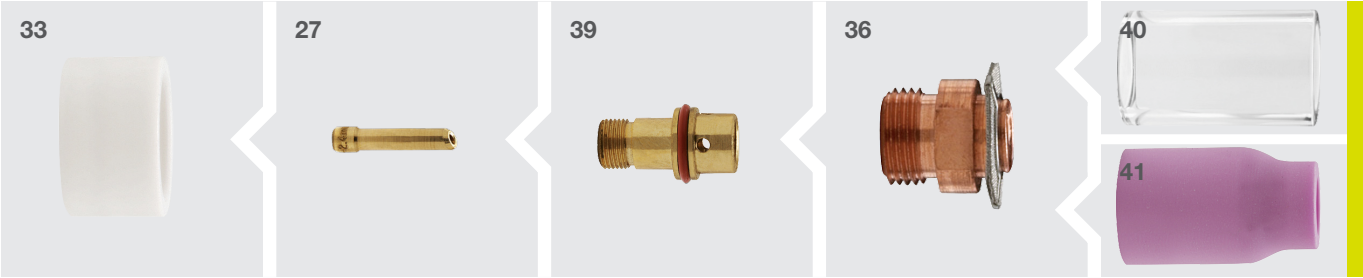
Size									
									
15 Insulator Standard		30 Insulator Stubby Gas Lens		26 Stubby Collet		27 Collet Wedge		28 Short Collet Body	
Ø .020" (0.5 mm)				10N21S		-		4CB20	
Ø .040" (1.0 mm)				10N22S		4C040GS		4CB40	
Ø 1/16" (1.6 mm)		18CG		10N23S		4C116GS		4CB116	
Ø 3/32" (2.4 mm)		18CGG		10N24S		4C332GS		4CB332	
Ø 1/8" (3.2 mm)				10N25S		4C418GS		4CB418	
Ø 5/32" (4.0 mm)				4C532		4C532GS		4CB532	
								4GL20	
								4GL40	
								4GL116	
								4GL332	
								4GL418	
								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)	
#3 Ø 4.75 mm		-		A796F70		A796F74		-	
#4 Ø 6.35 mm		13N08		A796F71		A796F75		53N58	
#5 Ø 7.93 mm		13N08SC		A796F72		A796F76		53N58SC	
#6 Ø 9.52 mm		13N09SC		A796F73		A796F77		53N59L	
#7 Ø 11.11 mm		13N10		-		-		53N59XL	
#8 Ø 12.70 mm		13N11		53N60		53N60SC		53N60L	
#10 Ø 15.87 mm		13N12		-		53N61		53N61SC	
#12 Ø 19.05 mm		13N13		-		53N61S		53N61SSC	
		-		-		53N61S-10		53N61SL	
		-		-		-		-	
		-		-		-		-	
		-		-		-		-	
		-		-		-		-	
		-		-		-		-	

TIGZONE AQ-18 – 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	3C040GS	3CBGS	TAS040GS	#7 Ø 11.11 mm	-	3A7GS
Ø 5/32" (4.0 mm)		3C116GS		TAS116GS	#8 Ø 12.70 mm	D3P8GS	3A8GS
		3C332GS		TAS332GS	#10 Ø 15.87 mm	-	-
		3C418GS		TAS418GS	#12 Ø 19.05 mm	-	-
		3C532GS		TAS532GS			



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

TIGZONE AQ-18 – Front End Consumables



				
	27 Insulator Gas Saver LD	27 Collet Wedge	43 Collet Body Gas Saver LD	44 Tungsten Adapter with Screens
Size				
Ø .020" (0.5 mm)	-	-	-	-
Ø .040" (1.0 mm)		4C040GS		TAS040GS
Ø 1/16" (1.6 mm)		4C116GS		TAS116GS
Ø 3/32" (2.4 mm)	4HSGSLD	4C332GS	4CBGSLD	TAS332GS
Ø 1/8" (3.2 mm)		4C418GS		TAS418GS
Ø 5/32" (4.0 mm)		4C532GS		TAS532GS

		
	45 Cup Pyrex LD (47,62 mm)	46 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	2A12GS
	4P18GS	4A18GS