

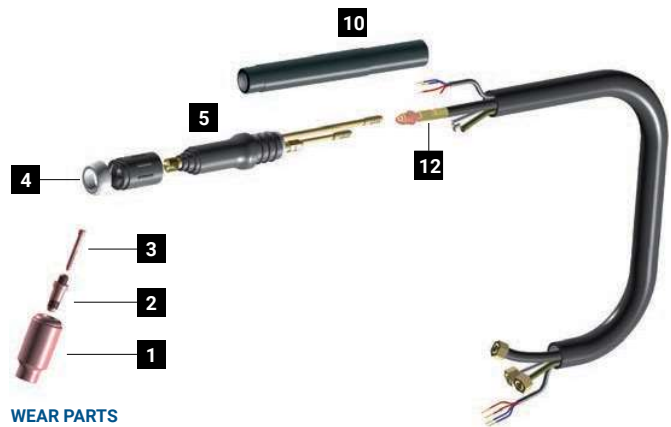
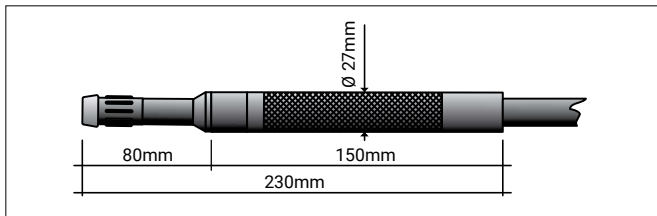
AUTOTIG 18

CE EN60974-7



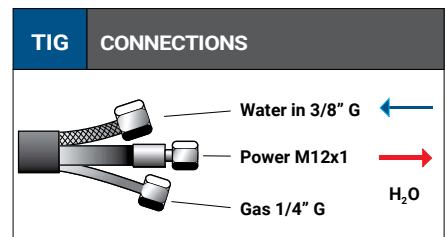
CODE	↔		
ST4401-00	4 m	12.5'	 M12x1
ST4801-00	8 m	25'	

TECHNICAL DATA		
	AUTOTIG 18	
	0.90 Kg	1.98 lb
	113	
	Argon	
	0,5÷4,0 mm	.020"÷5/32"
	320A DC - 270A AC	
	4 bar	
	1.5 l/min	



WEAR PARTS NOT INCLUDED INTO THE TORCH PACKAGE

	CODE			
4	TQ0002		insulator	10
5	TG1001		Autotig 18 torch head	1
10	TP0005		tig tube handle	1
12	TH0082		power cable - 4 m / 12.5'	1
12	TH0083		power cable - 8 m / 25'	1



TIG CONSUMABLE KITS

STARTER KITS



9 - 20 - 20 HC - 25

CODE	Ø		
TT0221	1,6 mm	1/16"	1
TT0222	2,4 mm	3/32"	1

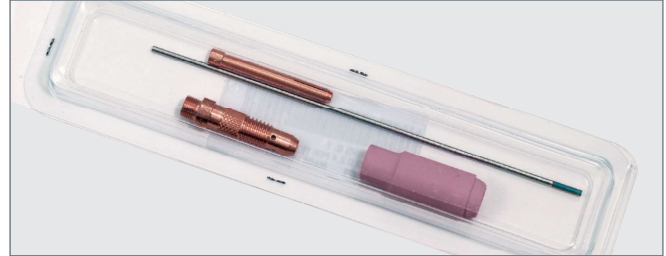
17 - 18 - 18 HC - 26

CODE	Ø		
TT0223	1,6 mm	1/16"	1
TT0224	2,4 mm	3/32"	1

24 - 24W

CODE	Ø		
TT0226	1,6 mm	1/16"	1

STARTER KITS



9 - 20 - 20 HC - 25

CODE	Ø		
TT0101	1,6 mm	1/16"	WR2 1
TT0102	2,4 mm	3/32"	WR2 1

17 - 18 - 18 HC - 26

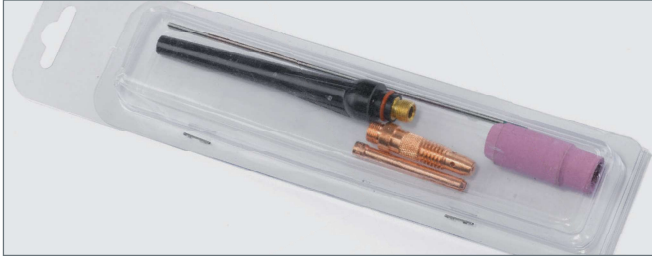
CODE	Ø		
TT0103	1,6 mm	1/16"	WR2 1
TT0104	2,4 mm	3/32"	WR2 1
TT0105	3,2 mm	1/8"	WR2 1

24 - 24W



CODE	Ø		
TT0203	1,6 mm	1/16"	WC20 1
TT0204	2,4 mm	3/32"	WC20 1

TIG CONSUMABLE KITS



STARTER KITS WITH BACK CAP



9 - 20 - 20 HC - 25

CODE	Ø			
TT0021	1,6 mm	1/16"	WC20	1
TT0022	2,4 mm	3/32"	WC20	1


17 - 18 - 18 HC - 26

CODE	Ø			
TT0023	1,6 mm	1/16"	WC20	1
TT0024	2,4 mm	3/32"	WC20	1
TT0025	3,2 mm	1/8"	WC20	1


MASTER KITS



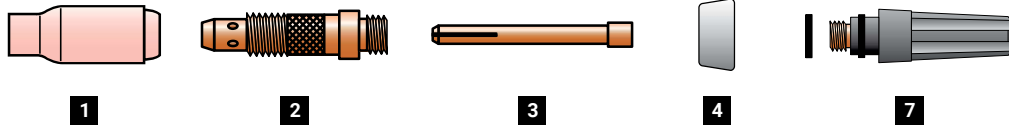
9 - 20 - 20 HC - 25

CODE	Ø	
TT0109	1,0 mm - 1,6 mm - 2,0 mm - 2,4 mm - 3,2 mm	1

17 - 18 - 18 HC - 26

CODE	Ø	
TT0110	1,6 mm - 2,0 mm - 2,4 mm - 3,2 mm - 4,0 mm	1

TIG 17 / 18 / 18 HC / 26 - CONSUMABLES



STANDARD

	CODE		Gr	Ø		↔	REF	📦	
1	TC0002		4	6,4 mm	1/4"	47 mm	10N50	10	
1	TC0003		5	8 mm	5/16"	47 mm	10N49	10	
1	TC0004		6	9,8 mm	3/8"	47 mm	10N48	10	
1	TC0005		7	11,2 mm	7/16"	47 mm	10N47	10	
1	TC0006		8	12,7 mm	1/2"	47 mm	10N46	10	
1	TC0007		10	15,7 mm	5/8"	47 mm	10N45	10	
1	TC0008		12	19 mm	3/4"	47 mm	10N44	10	
1	TC0091		5	8 mm	5/16"	76 mm	10N49L	10	
1	TC0092		6	9,5 mm	3/8"	76 mm	10N48L	10	
1	TC0093		7	11 mm		76 mm	10N47L	10	
2	TE0001-05				0,5 mm	.020"	47 mm	10N29	10
2	TE0001-10				1,0 mm	.040"	47 mm	10N30	10
2	TE0001-16				1,6 mm	1/16"	47 mm	10N31	10
2	TE0001-20				2,0 mm	5/64"	47 mm	-	10
2	TE0001-24				2,4 mm	3/32"	47 mm	10N32	10
2	TE0001-32				3,2 mm	1/8"	47 mm	10N28	10
2	TE0001-40				4,0 mm	5/32"	47 mm	406488	10
2	TE0001-48				4,8 mm	3/16"	47 mm	30126	10

	CODE		Gr	Ø		↔	REF	📦		
3	TD0001-05				0,5 mm	.020"	50 mm	10N21	10	
3	TD0001-10				1,0 mm	.040"	50 mm	10N22	10	
3	TD0001-16				1,6 mm	1/16"	50 mm	10N23	10	
3	TD0001-20				2,0 mm	5/64"	50 mm	-	10	
3	TD0001-24				2,4 mm	3/32"	50 mm	10N24	10	
3	TD0001-32				3,2 mm	1/8"	50 mm	10N25	10	
3	TD0001-40				4,0 mm	5/32"	50 mm	54N20	10	
3	TD0001-48				4,8 mm	3/16"	50 mm	30028	10	
4	TQ0002								18CG	10
4	TQ0008 *								-	10
7	BW0056						58 mm	57Y03	10	
7	BW0066						117 mm	57Y02	10	
7	BW0067						22,5 mm	57Y04	10	
7	EA0130								10	

* ONLY FOR 18 HC

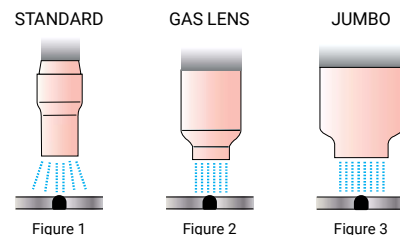
GAS LENS

	CODE		Gr	Ø		↔	REF	📦		
1	TC0031		4	6,4 mm	1/4"	42 mm	54N18	10		
1	TC0032		5	8 mm	5/16"	42 mm	54N17	10		
1	TC0033		6	9,8 mm	3/8"	42 mm	54N16	10		
1	TC0034		7	11,2 mm	7/16"	42 mm	54N15	10		
1	TC0035		8	12,7 mm	1/2"	42 mm	54N14	10		
1	TC0036		11	19 mm	3/4"	42 mm	53N87	10		
1	TC0037					28,6 mm	54N19	10		
1	TC0086		5	8 mm	5/16"	76 mm	54N17L	10		
1	TC0087		6	9,5 mm	3/8"	76 mm	54N16L	10		
1	TC0088		7	11 mm		76 mm	54N15L	10		
2	TE0006-05				0,5 mm	.020"	50 mm	45V29	10	
2	TE0006-10				1,0 mm	.040"	50 mm	45V24	10	
2	TE0006-16				1,6 mm	1/16"	50 mm	45V25	10	
2	TE0006-20				2,0 mm	5/64"	50 mm	-	10	
2	TE0006-24				2,4 mm	3/32"	50 mm	45V26	10	
2	TE0006-32				3,2 mm	1/8"	50 mm	45V27	10	
2	TE0006-40				4,0 mm	5/32"	50 mm	45V28	10	
3	TD0022-10					1,0 mm	.040"	52 mm	-	10
3	TD0022-16					1,6 mm	1/16"	52 mm	-	10
3	TD0022-24				2,4 mm	3/32"	52 mm	-	10	
3	TD0022-32				3,2 mm	1/8"	52 mm	-	10	
3	TD0022-40				4,0 mm	5/32"	52 mm	-	10	
4	TQ0003						54N01	10		
7	BW0056						58 mm	57Y03	10	
7	BW0066						117 mm	57Y02	10	
7	BW0067						22,5 mm	57Y04	10	
7	EA0130								10	

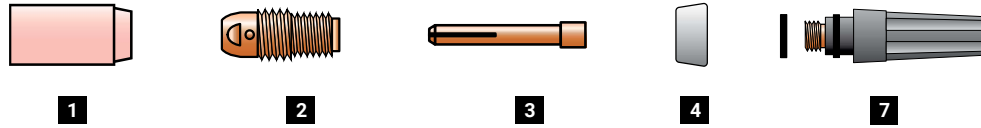
GAS LENS XL (JUMBO)

	CODE		Gr	Ø		↔	REF	📦	
1	TC0118		8	12,7 mm	1/2"	48 mm	57N74	10	
1	TC0119		10	15,7 mm	5/8"	48 mm	53N88	10	
1	TC0120		12	19,5 mm	3/4"	48 mm	53N87	10	
2	TE0009-16				1,6 mm	1/16"	51 mm	45V16	2
2	TE0009-24				2,4 mm	3/32"	51 mm	45V64	2
2	TE0009-32				3,2 mm	1/8"	51 mm	995795	2
2	TE0009-40				4,0 mm	5/32"	51 mm	45V63	2
3	TD0001-05				0,5 mm	.020"	50 mm	10N21	10
3	TD0001-10				1,0 mm	.040"	50 mm	10N22	10
3	TD0001-16				1,6 mm	1/16"	50 mm	10N23	10
3	TD0001-20				2,0 mm	5/64"	50 mm	-	10
3	TD0001-24				2,4 mm	3/32"	50 mm	10N24	10
3	TD0001-32				3,2 mm	1/8"	50 mm	10N25	10
3	TD0001-40				4,0 mm	5/32"	50 mm	54N20	10
3	TD0001-48				4,8 mm	3/16"	50 mm	30028	10
4	TQ0027							54N63	10
7	BW0056							58 mm	57Y03
7	BW0066						117 mm	57Y02	10
7	BW0067						22,5 mm	57Y04	10
7	EA0130								10

Protection gas flow is usually guttered by a STANDARD ceramic nozzle (Figure 1). Such flow is affected by turbulences of torch head which are caused by the inlet pressure. In order to assure an uniform gas distribution, above all in stainless steel, titanium and aluminium alloys welding, we suggest the use of GAS LENS spare parts. The electrode holder equipped with a gas lens net, uniforms the flow (Figure 2) and aid to save the protection gas. Where permitted by external dimensions, it is recommended the JUMBO version which increases the protected surface with advantage for welding quality (Figure 3).



TIG 17 / 18 / 18 HC / 26 - STUBBY CONSUMABLES

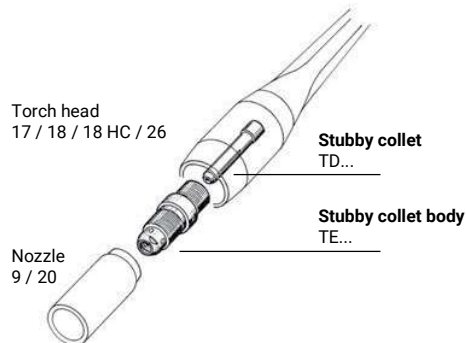


STUBBY

	CODE		Gr	Ø	↔	REF	
1	TC0012		4	6,4 mm 1/4"	30 mm	13N08	10
1	TC0013		5	8 mm 5/16"	30 mm	13N09	10
1	TC0014		6	9,8 mm 3/8"	30 mm	13N10	10
1	TC0015		7	11,2 mm 7/16"	30 mm	13N11	10
1	TC0016		8	12,7 mm 1/2"	30 mm	13N12	10
1	TC0017		10	15,7 mm 5/8"	30 mm	13N13	10
1	TC0096		4	6,5 mm 1/4"	48 mm	796F71	10
1	TC0097		5	8 mm 5/16"	48 mm	796F72	10
1	TC0098		6	9,5 mm 3/8"	48 mm	796F73	10
1	TC0101		4	6,5 mm 1/4"	63 mm	796F75	10
1	TC0102		5	8 mm 5/16"	63 mm	796F76	10
1	TC0103		4	6,5 mm 1/4"	89 mm	796F79	10
2	TE0002-00			1,0 mm .040"	24,5 mm	17CB20	10
3	TD0002-10			1,0 mm .040"	29 mm	10N22S	10
3	TD0002-16			1,6 mm 1/16"	29 mm	10N23S	10
3	TD0002-20			2,0 mm	29 mm		10
3	TD0002-24			2,4 mm 3/32"	29 mm	10N24S	10
3	TD0002-32			3,2 mm 1/8"	29 mm	10N25S	10
4	TQ0002					18CG	10
4	TQ0008 *					-	10
7	BW0056				58 mm	57Y03	10
7	BW0066				117 mm	57Y02	10
7	BW0067				22,5 mm	57Y04	10
7	EA0130						10

* ONLY FOR 18 HC

The Stubby collets allow the use of the small nozzles of the 9/20 series on the 17/18/26 torch bodies.



STUBBY GAS LENS

	CODE		Gr	Ø	↔	REF	
1	TC0041		4	6,4 mm 1/4"	25,5 mm	53N58	10
1	TC0042		5	8 mm 5/16"	25,5 mm	53N59	10
1	TC0043		6	9,8 mm 3/8"	25,5 mm	53N60	10
1	TC0044		7	11,2 mm 7/16"	25,5 mm	53N61	10
1	TC0045		8	12,7 mm 1/2"	25,5 mm	53N61S	10
2	TE0095-16			1,6 mm 1/16"	29 mm	-	10
2	TE0095-20			2,0 mm 5/64"	29 mm	-	10
2	TE0095-24			2,4 mm 3/32"	29 mm	-	10
2	TE0095-32		3,2 mm 1/8"	29 mm	-	10	
3	TD0095-16			1,6 mm 1/16"	30,7 mm	-	10
3	TD0095-20			2,0 mm 5/64"	30,7 mm	-	10
3	TD0095-24			2,4 mm 3/32"	30,7 mm	-	10
3	TD0095-32			3,2 mm 1/8"	30,7 mm	-	10
4	TQ0095					18CG20	10
4	TQ0096 *						10
7	BW0056				58 mm	57Y03	10
7	BW0066				117 mm	57Y02	10
7	BW0067				22,5 mm	57Y04	10
7	EA0130						10

* ONLY FOR 18 HC

STUBBY GAS LENS (C u)

	CODE		Gr	Ø	↔	REF	
1	TC0041		4	6,4 mm 1/4"	25,5 mm	53N58	10
1	TC0042		5	8 mm 5/16"	25,5 mm	53N59	10
1	TC0043		6	9,8 mm 3/8"	25,5 mm	53N60	10
1	TC0044		7	11,2 mm 7/16"	25,5 mm	53N61	10
1	TC0045		8	12,7 mm 1/2"	25,5 mm	53N61S	10
2	TE0096-16			1,6 mm 1/16"	30,6 mm	-	10
2	TE0096-20			2,0 mm 5/64"	30,6 mm	-	10
2	TE0096-24			2,4 mm 3/32"	30,6 mm	-	10
2	TE0096-32		3,2 mm 1/8"	30,6 mm	-	10	
3	TD0096-16			1,6 mm 1/16"	33 mm	-	10
3	TD0096-20			2,0 mm 5/64"	33 mm	-	10
3	TD0096-24			2,4 mm 3/32"	33 mm	-	10
3	TD0096-32			3,2 mm 1/8"	33 mm	-	10
4	TQ0095					18CG20	10
4	TQ0096 *						10
7	BW0056				58 mm	57Y03	10
7	BW0066				117 mm	57Y02	10
7	BW0067				22,5 mm	57Y04	10
7	EA0130						10

* ONLY FOR 18 HC