

TIG 9V

CE EN60974-7

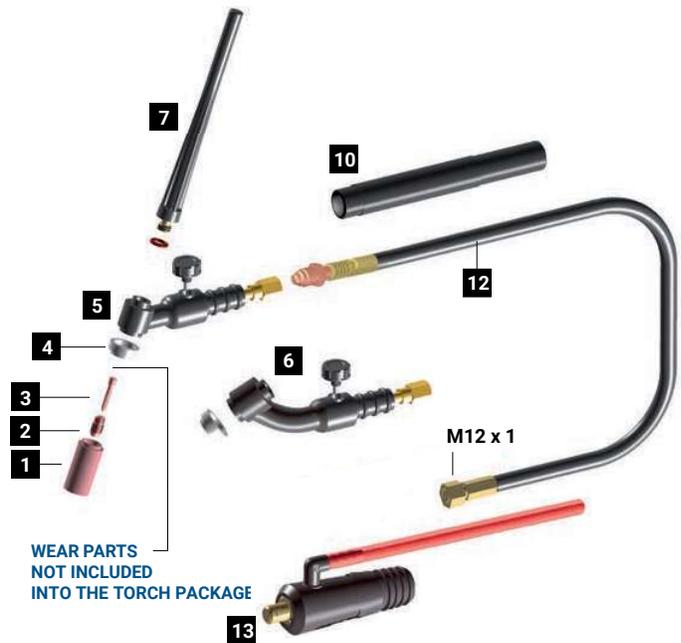


CODE	↔				
SC4413-00	4 m	12,5'	Valve		1
SC4813-00	8 m	25'			

OPTIONAL STARTER KIT

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

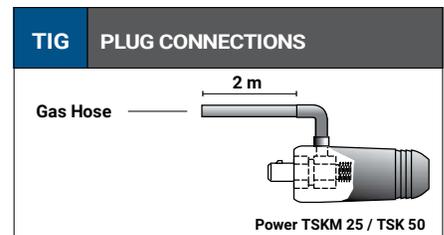
TECHNICAL DATA		
	EXPERTIG 9V	
	0,45 kg	0,99 lb
	V PEAK 113	
	Argon	
	0,5 ÷ 2,4 mm	0,020" ÷ 3/32"
	X 35% 110A DC - 95A AC	



WEAR PARTS NOT INCLUDED INTO THE TORCH PACKAGE

Connection Types
See the relevant page

	CODE		Description	
4	TQ0001		insulator	10
5	TF0109		tig 9V torch head	1
6	TF0110		tig 9V flex torch head	1
7	BW0063		back cap 147,5 mm	10
7	BW0061		valve	10
8	TP0004		tube handle	1
12	TH0005		power cable - 4 m / 12.5'	1
12	TH0006		power cable - 8 m / 25'	1
13	CX1125		TSKM 25 - gas tube (2m) plug	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

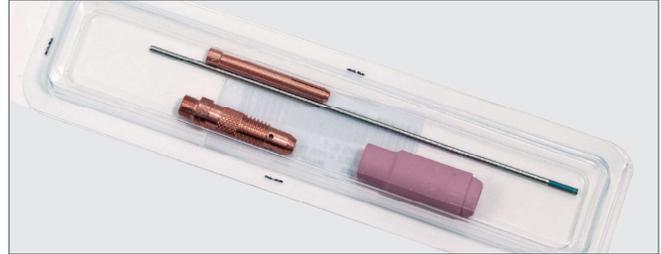
17 - 18 - 18 HC - 26

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

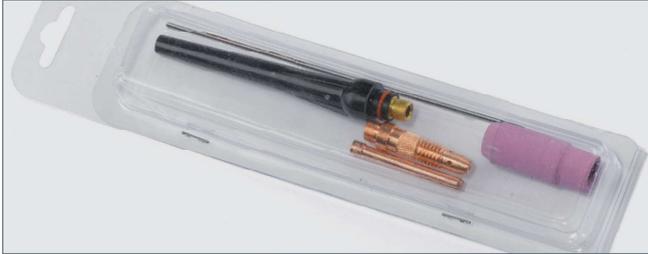
CODE	Ø		
TT0103	1,6 mm	1/16"	WR2 1
TT0104	2,4 mm	3/32"	WR2 1
TT0105	3,2 mm	1/8"	WR2 1

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



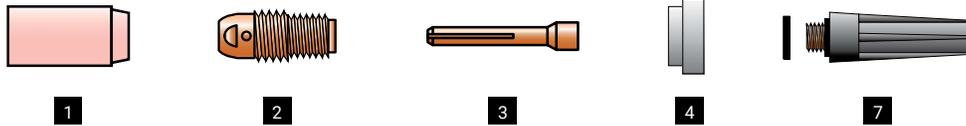
9 - 20 - 20 HC - 25

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 9 / 20 / 20 HC / 25 - CONSUMABLES



STANDARD

	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	TE0003-05			0,5 mm .020"	21 mm	13N25	10
2	TE0003-10			1,0 mm .040"	21 mm	13N26	10
2	TE0003-16			1,6 mm 1/16"	21 mm	13N27	10
2	TE0003-20			2,0 mm 5/64"	21 mm	-	10
2	TE0003-24			2,4 mm 3/32"	21 mm	13N28	10
2	TE0003-32			3,2 mm 1/8"	21 mm	13N29	10

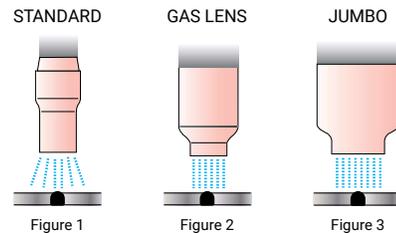
	CODE		Gr	Ø		REF	
3	TD0003-05			0,5 mm .020"	25 mm	13N20	10
3	TD0003-10			1,0 mm .040"	25 mm	13N21	10
3	TD0003-16			1,6 mm 1/16"	25 mm	13N22	10
3	TD0003-20			2,0 mm 5/64"	25 mm	-	10
3	TD0003-24			2,4 mm 3/32"	25 mm	13N23	10
3	TD0003-32			3,2 mm 1/8"	25 mm	13N24	10
4	TQ0001					598882	10
7	BW0063				147,5 mm	41V24	10
7	BW0064				53 mm	41V35	10
7	BW0065				17,5 mm	41V33	10
7	EA0129						10

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	TE0005-05			0,5 mm .020"	22 mm	45V41	10
2	TE0005-10			1,0 mm .040"	22 mm	45V42	10
2	TE0005-16			1,6 mm 1/16"	22 mm	45V43	10
2	TE0005-20	Cu + CuZn		2,0 mm 5/64"	22 mm		10
2	TE0005-24			2,4 mm 3/32"	22 mm	45V44	10
2	TE0005-32			3,2 mm 1/8"	22 mm	45V45	10
2	TE0025-16			1,6 mm 1/16"	22 mm	-	10
2	TE0025-20			2,0 mm 5/64"	22 mm	-	10
2	TE0025-24	Cu		2,4 mm 3/32"	22 mm	-	10
2	TE0025-32			3,2 mm 1/8"	22 mm	-	10
3	TD0003-05			0,5 mm .020"	25 mm	13N20	10
3	TD0003-10			1,0 mm .040"	25 mm	13N21	10
3	TD0003-16			1,6 mm 1/16"	25 mm	13N22	10
3	TD0003-20			2,0 mm 5/64"	25 mm	-	10
3	TD0003-24			2,4 mm 3/32"	25 mm	13N23	10
3	TD0003-32			3,2 mm 1/8"	25 mm	13N24	10
4	TQ0001					598882	10
7	BW0063				147,5 mm	41V24	10
7	BW0064				53 mm	41V35	10
7	BW0065				17,5 mm	41V33	10
7	EA0129						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	TE0088-16			1,6 mm 1/16"	40 mm	45V116S	2
2	TE0088-24			2,4 mm 3/32"	40 mm	45V64S	2
2	TE0088-32			3,2 mm 1/8"	40 mm	-	2
3	TD0088-16			1,6 mm 1/16"	40 mm	13N22L	10
3	TD0088-20			2,0 mm 5/64"	40 mm	-	10
3	TD0088-24			2,4 mm 3/32"	40 mm	13N23L	10
3	TD0088-32			3,2 mm 1/8"	40 mm	13N24L	10
4	TQ0026					54N6320	10
7	BW0063				147,5 mm	41V24	10
7	BW0064				53 mm	41V35	10
7	BW0065				17,5 mm	41V33	10
7	EA0129						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, uniform 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).