

TIG TORCHES

PROTIG NG S & III S

The range of PROTIG includes 4 air cooled, and 3 water cooled versions.

All torches are supplied ready to use, the standard fitting table gives more information.

Advantages:

- ♦ Wear parts and accessories are the same for the whole PROTIG range.
- ♦ The blade trigger may be oriented around the handle *[only for PROTIG III S]*.
- ♦ Robust metal trigger *[only for PROTIG III S]*.
- ♦ Neoprene sleeve with good maneuverability.
- ♦ 1 reference: the C5B connection of the torch is fitted as standard.
It comes with banana plugs.

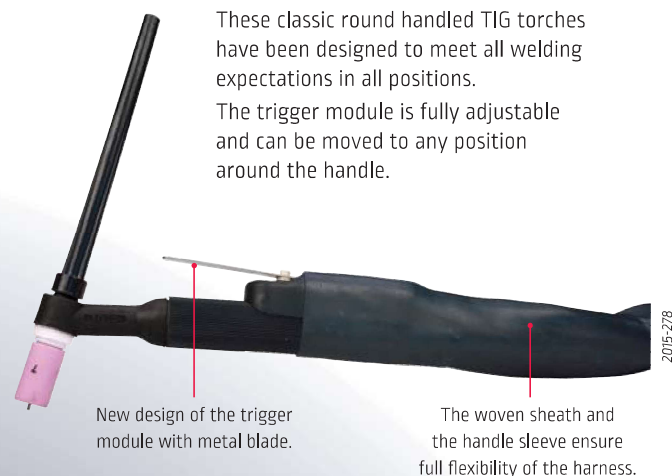


Air cooled

MODEL			PROTIG 10		PROTIG 20		PROTIG 30		PROTIG 40	
Duty cycle 35%			125 A		150 A		200 A		250 A	
Duty cycle 60%			80 A		100 A		130 A		200 A	
Fitted as standard	back cap		Long							
	nozzle		Ø 10 mm				Ø 12 mm			
	electrode		Ø 1.6 mm		Ø 2.0 mm		Ø 2.4 mm			
Length			5 m	8 m	5 m	8 m	5 m	8 m	5 m	8 m
PROTIG III S	Connection	C5B/S	W000382715-2	W000382716-2	W000382717-2	W000382718-2	W000382719-2	W000382720-2	W000382721-2	W000382722-2
PROTIG NG S			W000278394-2	W000278395-2	W000278396-2	W000278397-2	W000278398-2	W000278399-2	W000278400-2	W000278401-2

PROTIG III S

The round handle with a blade trigger (RL).



PROTIG NG S

The ergonomic handle with button (EB).



TIG TORCHES



Water cooled

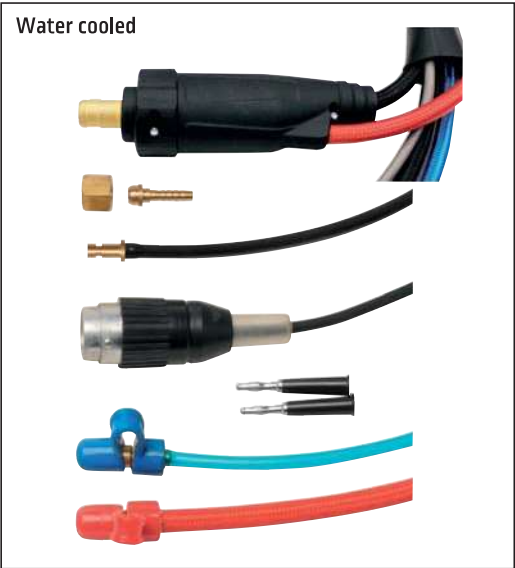
MODEL			PROTIG 10W		PROTIG 35W		PROTIG 40W	
Duty cycle 100%			220 A		350 A		450 A	
Fitted as standard	back cap		long					
	nozzle		Ø 12 mm		Ø 15 mm		Ø 14 mm	
	electrode		Ø 2.4 mm		Ø 4.0 mm		Ø 4.8 mm	
Length			5 m	8 m	5 m	8 m	5 m	8 m
PROTIG III S	Connection	C5B/S	W000382723-2	W000382724-2	W000382725-2	W000382726-2	W000382727-2	-
PROTIG NG S			W000278402-2	W000278403-2	W000278404-2	W000278405-2	W000278406-2	W000278407-2

⚠ Some machines require the use of the plug module p/n WP10529-5, see the section “Plug kits and button modules” at page 71.

Connectors, adapters

Connectors

The connectors to the machine are a new design, compact and fully protected delivering both strength and quality. All hoses are rubber with a woven sheath for heavy duty work.



Adapters

For old torches with central gas to be connected to power sources with separate gas, use **W000306140**.



For torches with separate gas to be connected to power sources with central gas, use **W000306141**.



Dinse 9 to 13 mm - **W000306139**



Dinse 13 to 9 mm - **038055011**



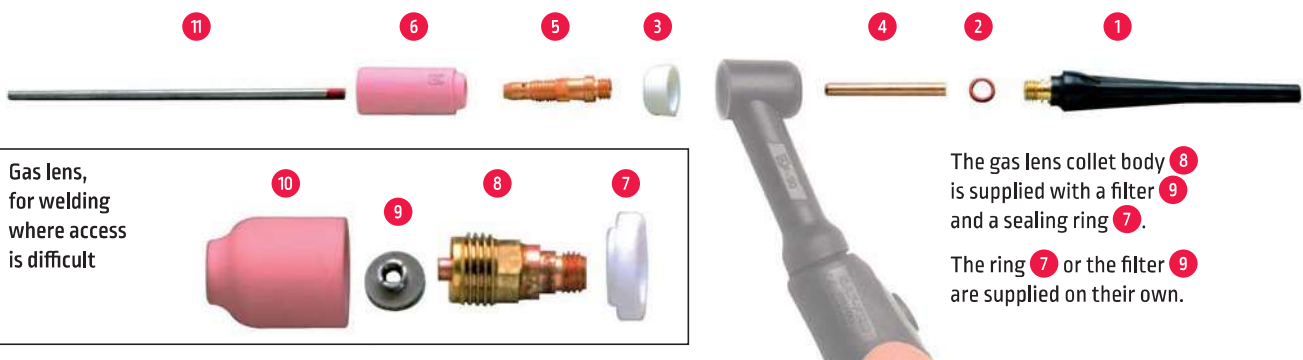
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NEW

Wear parts

WELDLINE sets the standard for wear parts, ensuring maximum quality for both welding and gas protection.



Gas lens, for welding where access is difficult

PROTIG 40 W

A - insulating nut W000306452
B - nozzle seals W000167673
C - water distributor W000306454

Nozzles 6 10 : choice of diameter

Welding current [A]	70	90	120	200	350
Diameter (mm)	6	8	10	12	15

The gas lens collet body 8 is supplied with a filter 9 and a sealing ring 7.
The ring 7 or the filter 9 are supplied on their own.

Wear parts box

A complete kit for all applications. The kit includes electrode collets, nozzles, back caps and collet body.

PROTIG 10 / 10W
PROTIG 20
PROTIG 30
PROTIG 40 / 35W
PROTIG 40W

W000306441
W000306442
W000306443
W000306444
W000306445

Modular system:

Standard delivery for EB all torches is a single button module. Other control module formats are available to order.



Other buttons

1 Horizontal potmeter W000279370 [4,7 Kohm] WP10529-3 [10 Kohm]
2 Vertical potmeter W000279246 [4,7 Kohm] WP10529-4 [10 Kohm]
3 3 buttons module WP10529-2
4 Blade W000279245



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Adjustable heads

As an option, adjustable torch bodies are available, designed to make welding in limited access locations easier with a choice of 2 heads, small and large which are mounted on air cooled or water cooled bodies.



Choose one body and one head to get a complete torch.

- Air cooled body [10/20] W000279381
- Water cooled body [10W] W000279382
- Head PROTIG NG 10/10W W000279383
- Head PROTIG NG 20 W000279384

△ Refer to the instruction manual to see the different connections for the modules. For potmeter adapt the wiring to the welding machine.

Wear parts are common for both RL or EB handles.

		PROTIG 10 / 10W	PROTIG 20	PROTIG 30	PROTIG 35W / 40	PROTIG 40W
1 - Back cap	short	W000306220	W000306223	W000306223	W000306225	W000306227
	medium	W000306221	-	-	-	-
	long	W000306222	W000306224	W000306224	W000306226	W000306228
2 - Back cap o-ring		W000306229	W000306230	W000306230	W000306231	W000306232
3 - Sealing ring		W000306210	W000306211	W000306211	W000306212	-
4 - Electrode collet	Ø 1.0	W000306236	W000306241	W000306246	W000306252	-
	Ø 1.6	W000306237	W000306242	W000306247	W000306253	-
	Ø 2.0	W000306238	W000306243	W000306248	W000306254	-
	Ø 2.4	W000306239	W000306244	W000306249	W000306255	W000306262
	Ø 2.5	W000306259	W000306260	W000306261	-	-
	Ø 3.2	W000306240	W000306245	W000306250	W000306256	W000306263
	Ø 4.0	-	-	W000306251	W000306257	W000306264
5 - Collet body all diameters	Ø 4.8	-	-	-	W000306258	W000306265
		W000306205	W000306206	W000306207	W000306208	W000306200
5* - Collet body heavy duty		-	-	-	* W000306201	-
6 - Nozzle	Ø 6.4	W000306269	W000306273	W000306277	W000306277	-
	Ø 8	W000306270	W000306274	W000306278	W000306278	-
	Ø 9.6	W000306271	W000306275	W000306279	W000306279	-
	Ø 11	-	-	-	-	W000306282
	Ø 12.8	W000306272	W000306276	W000306280	W000306280	-
	Ø 14	-	-	-	-	W000306283
	Ø 15.7	-	-	W000306281	W000306281	-
6L - Long nozzle	Ø 4.8	W000306456	-	-	-	-
	Ø 6.4	W000306457	-	W000306462	W000306462	-
	Ø 8	W000306458	-	W000306463	W000306463	-
	Ø 9.6	W000306459	-	W000306464	W000306464	-
	Ø 11.2	-	-	W000306465	W000306465	-
	Ø 12.8	-	-	-	-	-
	Ø 14	-	-	-	-	-
7 - Gas lens sealing ring	Ø 15.7	-	-	-	-	-
		W000306210	W000306216	W000306216	W000306217	-
8 - Gas lens collet body		W000306213	W000306214	W000306214	W000306215	-
9 - Gas lens filter		W000306218	W000306219	W000306219	W000306219	-
10 - Gas lens nozzle	Ø 8	W000306284	W000306287	W000306287	W000306287	-
	Ø 9.6	W000306285	W000306288	W000306288	W000306288	-
	Ø 11.2	W000306286	-	-	-	-
	Ø 12.8	-	W000306289	W000306289	W000306289	-
	Ø 15.7	-	W000306290	W000306290	W000306290	-
10L - Long gas lens nozzle	Ø 8	-	W000306467	W000306467	W000306467	-
	Ø 9.6	-	W000306468	W000306468	W000306468	-
	Ø 11.2	-	W000306469	W000306469	W000306469	-
	Ø 12.8	-	W000306470	W000306470	W000306470	-

* For the collet body « heavy duty », use the gas lens nozzles

Table of compatibility: plug kits & button modules

			Plug kits					
Button modules				WP10529-5	WP10529-6	WP10529-7	WP10529-8	WP10529-9
W000279241	1 button		ATTENTION WP10529-5 is compulsory in some cases: please read remark ⁽¹⁾	-----	-----	-----	-----	-----
W000279245	1 button (French lever style)			-----	-----	-----	-----	-----
WP10529-2	3 buttons ⁽²⁾		-----	-----	-----	-----	-----	-----
W000279246	1 button 4.7 KOhm Vert Poti		-----	-----	X ⁽³⁾	X ⁽⁴⁾	X ⁽⁵⁾	-----
W000279370	1 button 4.7 KOhm Horiz Poti		-----	-----	X ⁽³⁾	X ⁽⁴⁾	X ⁽⁵⁾	-----
WP10529-3	1 button 10 KOhm Horiz Poti		-----	-----	-----	-----	-----	-----
WP10529-4	1 button 10 KOhm Vert Poti		-----	-----	-----	-----	-----	-----

(1) Plug kit WP10529-5 is compulsory to use a water cooled Protig torch with: Citotig II DC range, Prestotig II DC range, Prestotig/Citotig 240-310 AC/DC range, Prestotig/Citotig 350W; not needed with other machines. (2) Compatible with: Invertec 300TPX/400TPX, Aspect 300, Prestotig/Citotig 315/415/315AC/DC (no plug kit needed). (3) Compatible with: Prestotig 210 DC, Prestotig 310 DC, Prestotig 410 DC, Prestotig 240 ACDC, Prestotig 310 ACDC. (4) Compatible with: Prestotig 210 ACDC, Prestotig 250 ACDC, Prestotig 350 ACDC. (5) Compatible with: Saxotech 170/220, Saxotig 160 ACDC, Prestotig 180/220 Pro. (6) Compatible with: All Lincoln machines with pedal control, Prestotig/Citotig 315/415/315AC/DC.