





TIG TORCHES

PROTIGNGS&IIIS

PROTIG NGS & IIIS is our Premium range of torches for TIG applications, which are designed for Industrial use. Both models, PROTIG NG S

- Ergonomic handle (EB), and PROTIG IIIS - round handle (RL), perfectly adapt to the different needs of the welder. Flexibility, comfort and customization of welding settings increase welding performance, and the unique expendables with proprietor design ensure longer lifetime.

The PROTIG range is manufactured according to high quality standards and includes 4 air cooled, and 3 water cooled versions.

PRODUCT ADVANTAGES

- ◆ Handle in dual component (rubber) for a better grip,
- High Quality components,
- Improved robustness,
- High flexibility cables with terminal part in leather, optional button modules.

APPLICATIONS

- Fabrication
- Construction
- Power Generation
- Maintenance
- ◆ Home / Farm / Shop



PROTIGING S&III S TORCHES

PROTIG NG S

The ergonomic handle with button (EB).

The best WELDLINE torches with an advanced ergo-design, using a colored soft grip for a maximum welder comfort.

These torches will give you an optimum welding quality, and increase the communication between the welder and the machine.

The modular system brings a increased control over the power source. All torches are delivered with a single button module.

The ball joint gives excellent flexibility, and the first 1 m of the harness is leather which increases the service life of the welding hose.

PROTIG III S

The round handle with a blade trigger (RL).



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				
back cap				Long						
Fitted as standard	nozzle			Ø 9.6	mm		Ø 12 mm			
Stariaara	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	Connection	כיוםנים	W000278394-2	W000278395-2	W000278396-2	W000278397-2	W000278398-2	W000278399-2	W000278400-2	W000278401-2

Water cooled [*]

MODEL			PROTIG 10W		PROTIG 35W		PROTIG 40W	
Duty cycle 100%			220) A	350 A		450 A	
En l	back cap			long				
Fitted as standard	nozzle		Ø 12.8 mm		Ø 15 mm		Ø 14 mm	
Standard	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	Connection	(30/3	W000278402-2	W000278403-2	W000278404-2	W000278405-2	W000278406-2	W000278407-2

(*) Plug kit WP10529-5 is needed for the following machines: Citotig II DC range, Prestotig II DC range, Prestotig/Citotig 240-310 AC/DC range, Prestotig/Citotig 350W.

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**.



Dinse 9 to 13 mm **W000306139**



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



Dinse 13 to 9 mm **038055011**





OPTIONS ON PROTIGING S



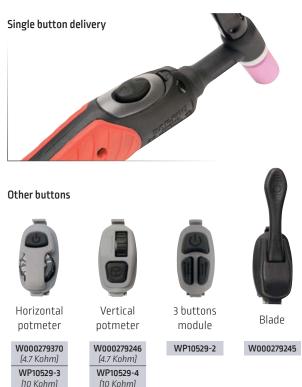
Choose one body and one head to get a complete torch.

Air cooled body (10/20)
 Water cooled body (10W)
 Head PROTIG NG 10/10W
 W000279383

· Head PROTIG NG 20

Modular system:

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



Plug kits are needed in addition to the button modules: see below table

Choose your module & your plug kit for Protig NG S

W000279384

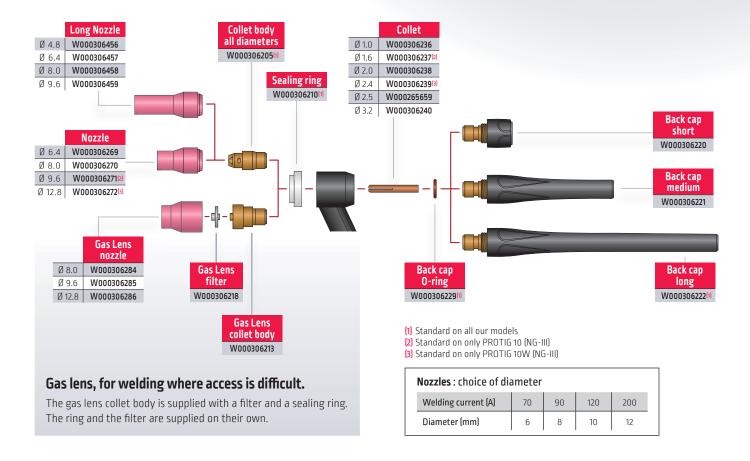
Button modules	Ô		or 🥛		or 🥛		or 🥛		or 🥛
Reference	WP10529-2	W000279246 [4.7 Kohm]	W000279370 [4.7 Kohm]	W000279246 [4.7 Kohm]	W000279370 [4.7 Kohm]	W000279246 [4.7 Kohm]	W000279370 [4.7 Kohm]	WP10529-4 (10 Kohm)	WP10529-3 (10 Kohm)
Plug kit	No plug kit needed Torch is connected to the machine through the C5B plug (5 pins)	Torch is connected to the machine through the C5B		WP10529-7		WP10529-8		+ WP10529-9	
Work with	Invertec 220/300/400 TPX Aspect 200/300 Prestotig 315/415 DC Prestotig 315 AC/DC Citotig 315/415 DC Citotig 315 AC/DC	Prestotig 210 D Prestotig 310 D Prestotig 410 D Prestotig 240 A Prestotig 310 A	C C .C/DC	Prestotig 210 A Prestotig 250 A Prestotig 350 A	C/DC	· Saxotech 170/22 · Saxotig 160 AC/ · Prestotig 180/2	DC	All Lincoln mac with pedal con Prestotig 315/4 Prestotig 315 A Citotig 315 AC/E	trol 15 DC C/DC DC

The above modules work only with the PROTIG NG S torches (EB handle).

Remark for users of Prestotig/Citotig II DC, 240/310 AC/DC & 350W in water cooled configuration: plug kit p/n WP10529-5 must be adopted while using TIG torches with single button.



PROTIG 10 / 10W



Wear part box PROTIG 10 / 10W for convenient storage

A complete kit for all applications.

The kit includes electrode collets, nozzles, back caps and collet body.



Extension cables

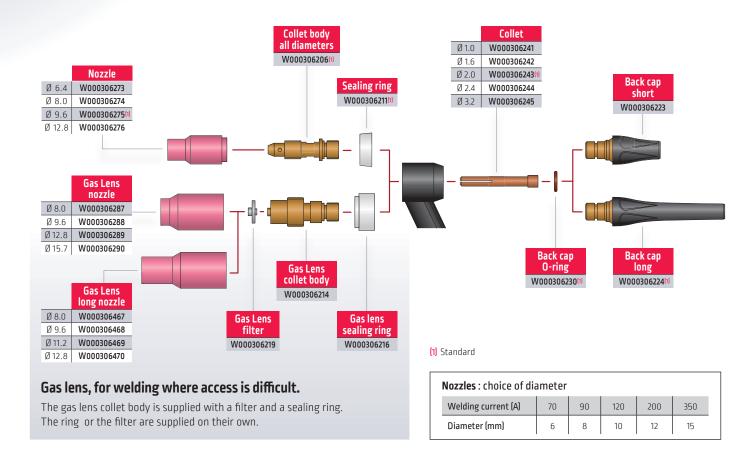
Extenders have a length of 15 m. They are equipped with power connectors, C5B plug (5 pins) and «banana» plugs. The connection is protected by a leather envelope with Velcro® fastener.

	To order
EXTENSION AIR 15M	W000306135
EXTENSION WATER 15M	W000306136





PROTIG 20



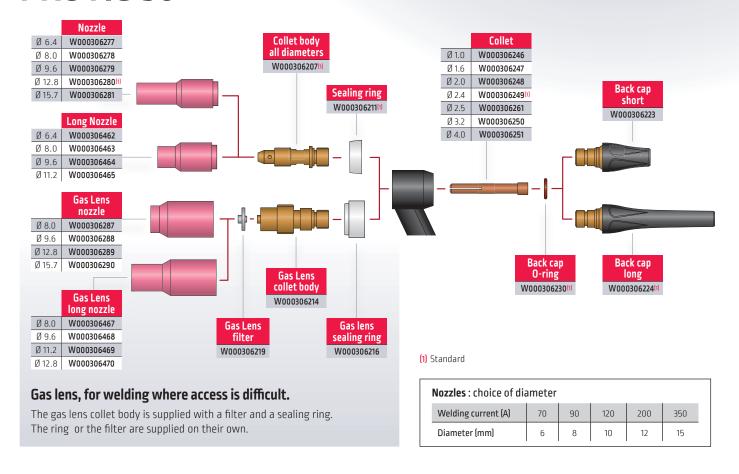
Wear part box PROTIG 20 for convenient storage

A complete kit for all applications.

The kit includes electrode collets, nozzles, back caps and collet body.



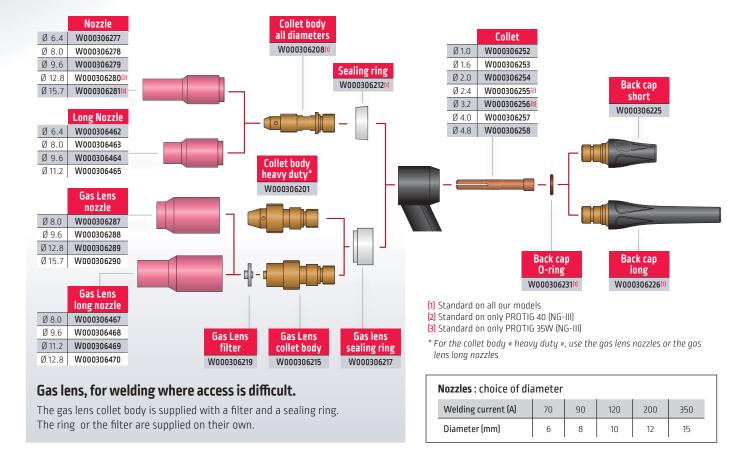
PROTIG 30



Wear part box PROTIG 30 for convenient storage



PROTIG 35W / 40



Wear part box PROTIG 35W / 40 for convenient storage

A complete kit for all applications.

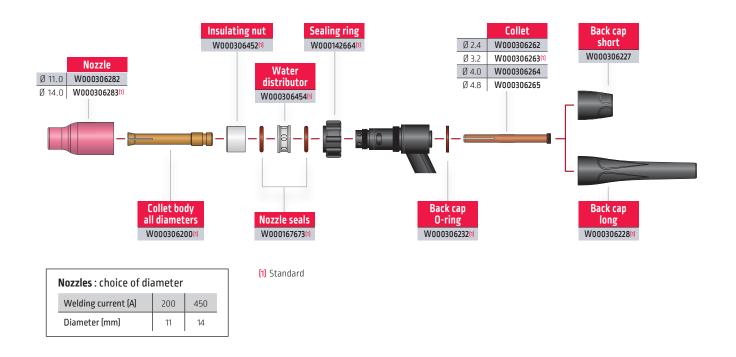
The kit includes electrode collets, nozzles, back caps and collet body.







PROTIG 40W



Wear part box PROTIG 40W for convenient storage



TUNGSTEN ELECTRODES

A complete range of tungsten electrodes:

- Pure tungsten,
- Tungsten + cerium,
- Tungsten + lanthanum,
- Tungsten + rare earths (1).

Product advantages:

- ◆ Very high life cycle
- ◆ Very stable arc
- ◆ Perfect arc ignition
- ◆ Tip longevity



Choice criteria

	Metal		Arc			Thermal	
Туре	Aluminium	Steel & Stainless steel	Arc stability	Striking	Lasting	resistance	
WP - Pure tungsten	*		**	*	*	*	
WCe 20 - Cerium 2%		*	**	*	**	**	
WLa 15 - Lanthanum 1,5%	**	***	**	***	***	***	
WLa 20 - Lanthanum 2%	*	***	**	***	***	***	
WS 2 - Rare earths (1) 2%	*	*	**	***	***	***	

*** Excellent - ** Good - * Average

(1) Rare earths = any of the abundant metallic elements, including scandium (atomic number 21), yttrium (39), and the 15 elements from 57 to 71 (lanthanide series include lanthanum and cerium) in the Mendeleyev classification.

PREMIUM
RANGE

Highest lifetime, Higher current density, Less grinding, Faster starts and better arc stability

Nertal WP				
Ø mm	150 mm length			
וווווו ש	To order			
1.0	S03710250			
1.6	S03710251			
2.0	S03710252			
2.4	S03710506			
2.5	S03710268			
3.2	S03710507			
4.0	S03710254			
4.8	S03710510			
6.0	S03710256			

WLa 20 - Lanthanum 2%

Nertal La 20				
Ø mm	150 mm length			
וווווו ש	To order			
1.6	S03710651			
2.0	S03710652			
2.4	S03710653			
3.2	S03710655			
4.0	S03710656			
4.8	W000381291			

Nertal Ce 20				
Ømm	150 mm length			
וווווו ש	To order			
1.0	S03710530			
1.6	S03710531			
2.0	S03710533			
2.4	S03710534			
3.2	S03710537			
4.0	S03710538			
4.8	S03710539			

CAUTION:before use, carefully read and understand the safety datasheet available on our websites

	WP - Pure tungsten Light alloy (green tip)						
-	Ø mm	150 mm length	175 mm length				
	וווווו ש	To order					
	1.0	W000010009	-				
	1.6	W000010010	W000010375				
	2.0	W000010011	W000010376				
	2.4	W000010012	W000010377				
	3.0	W000010013	-				
	3.2	W000010014	W000010378				

W000010015

3.2 4.0

	stainless steel (using DC current) (blue tip)					
Ø mm	75 mm length	150 mm length	175 mm length			
וווווו ש	To order					
1.0	W000011144	W000010373	-			
1.6	W000011145	W000010016	W000010385			
2.0	-	W000010017	W000010386			
2.4	W000011146	W000010018	W000010387			
3.0	-	W000010019	-			
3.2	-	W000010020	W000010388			
4.0	-	W000010021	W000010389			

Steel and stainless steel (grey tip)					
Ømm	150 mm length	175 mm length			
ווווווש	To order				
1.0	W000010022	-			
1.6	W000010023	W000335153			
2.0	W000010024	W000010381			
2.4	W000010025	W000335154			
3.0	W000010026	-			
3.2	W000335150	W000335157			
4.0	W000010028	W000335155			

WCe 20 - Cerium 2%

WS 2 - Rare earths 2% Light alloy (using AC current), steel and stainless steel (using DC current) (turquoise tip)

W000335152

Ømm	175 mm length
	To order
1.0	W000335166
1.6	W000335167
2.0	W000335168
2.4	W000335169
3.0	W000335170
3.2	W000335171
4.0	W000335172

WLa 15 - Lanthanum 1.5%
Light alloy (using AC current), steel and
stainless steel (using DC current) (gold tip)

Ømm	150 mm length
	To order
1.0	W000402632
1.6	W000402663
2.0	W000402664
2.4	W000402665
3.0	W000402666
3.2	W000402667
4.0	W000402668



BEING PRESENT LOCALLY

MAKES US MORE AWARE GLOBALLY



CUSTOMER ASSISTANCE POLICY

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