



TIG TORCHES AND ACCESSORIES

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Taurus PRO TIG torches, consumables and spares are precision engineered and manufactured from high-quality materials offering the user superior, reliable products. The torch head is encased in high-temperature resistant silicone rubber and all copper components ensure cooler running temperatures and maximum current capacity.

General guidelines to be used before purchasing a TIG torch:

- Ensure a torch is selected with sufficient amperage capacity and duty cycle for the specific application.
- Ensure the torch length is appropriate for the welding application.
- Establish that the torch back-end fittings will connect directly to the welding machine.
- Ensure that front-end consumables of the correct size are at hand.

PRODUCT CODE	DESCRIPTION	LENGTH	COOLING TYPE	VALVE	TORCH
TWO-PIECE TIG TORCHES WITH VALVE					
WP9V.8M.2P	TAURUS PRO TIG TORCH 3/8 NUT - 25MM PLUG & VALVE & COVER	8M	AIR	Y	WP9
WP17V.4M.2P	TAURUS PRO TIG TORCH 3/8 NUT - 25MM PLUG & VALVE & COVER	4M	AIR	Y	WP17
WP17V.8M.2P	TAURUS PRO TIG TORCH 3/8 NUT - 25MM PLUG & VALVE & COVER	8M	AIR	Y	WP17
WP26V.4M.2P	TAURUS PRO TIG TORCH 3/8 NUT - 25MM PLUG & VALVE & COVER	4M	AIR	Y	WP26
WP26V.8M.2P	TAURUS PRO TIG TORCH 3/8 NUT - 25MM PLUG & VALVE & COVER	8M	AIR	Y	WP26
TWO-PIECE TIG TORCHES WITH SWITCH					
WP17SB.4M.2P	TAURUS PRO TIG TORCH 3/8 NUT - 25MM PLUG & SWITCH & COVER	4M	AIR	-	WP17
WP17SB.8M.2P	TAURUS PRO TIG TORCH 3/8 NUT - 25MM PLUG & SWITCH & COVER	8M	AIR	-	WP17
WP18.4M.EURO	TAURUS PRO TIG TORCH (EURO/SWITCH/COVER)	4M	WATER	-	WP18
WP18.8M.EURO	TAURUS PRO TIG TORCH - EURO STYLE & SWITCH & COVER	8M	WATER	-	WP18
WP18.4M.USA	TAURUS PRO TIG TORCH (USA/SWITCH/COVER)	4M	WATER	-	WP18
WP18.8M.USA	TAURUS PRO TIG TORCH - USA STYLE & SWITCH & COVER	8M	WATER	-	WP18
WP26SB.4M.2P	TAURUS PRO TIG TORCH 3/8 NUT - 25MM PLUG & SWITCH & COVER	4M	AIR	-	WP26
WP26SB.8M.2P	TAURUS PRO TIG TORCH 3/8 NUT - 25MM PLUG & SWITCH & COVER	8M	AIR	-	WP26
ONE-PIECE TIG TORCHES WITH SWITCH					
WP26SB.4M.1P	TAURUS PRO TIG TORCH (3/8-NUT/1 PIECE/SWITCH/COVER)	4M	AIR	-	WP26
WP26SB.8M.1P	TAURUS PRO TIG TORCH (3/8-NUT/1 PIECE/SWITCH/COVER)	8M	AIR	-	WP26

TAURUS TIG TORCH CONSUMABLE DIAGRAM



ITEM NUMBER	DESCRIPTION
1	CERAMIC NOZZLE
2	COLLET BODIE
3	COLLET
4	FRONT INSULATOR
5	TORCH BODY WITHOUT A VALVE
6	LONG BACK CAP
7	SHORT BACK CAP
8	VALVE
9	TORCH BODY WITH VALVE
10	GAS LENS INSULATOR
11	GAS LENS COLLET BODY
12	GAS LENS CERAMIC
13	HANDLE
14	SWITCH BOOT
15	SWITCH



STANDARD



LONG

Taurus ceramic nozzles, also known as alumina cups, allow the flow of shielding gas to the weld pool. The larger the nozzle, the larger the shielding area and vice versa.

PRODUCT CODE	DESCRIPTION	TORCH
	STANDARD LENGTH	
T13N09	CERAMIC NOZZLE NO 5 - WP9	WP9
T13N10	CERAMIC NOZZLE NO 6 - WP9	WP9
T13N11	CERAMIC NOZZLE NO 7 - WP9	WP9
T13N12	CERAMIC NOZZLE NO 8 - WP9	WP9
T10N50	CERAMIC NOZZLE NO 4 - WP17/26	WP17 + WP18 + WP26
T10N49	CERAMIC NOZZLE NO 5 - WP17/26	WP17 + WP18 + WP26
T10N48	CERAMIC NOZZLE NO 6 - WP17/26	WP17 + WP18 + WP26
T10N47	CERAMIC NOZZLE NO 7 - WP17/26	WP17 + WP18 + WP26
T10N46	CERAMIC NOZZLE NO 8 - WP17/26	WP17 + WP18 + WP26
T10N45	CERAMIC NOZZLE NO 10 - WP17/26	WP17 + WP18 + WP26
	LONG LENGTH	
T10N49L	CERAMIC NOZZLE NO 5 - LONG - WP17/26	WP17 + WP18 + WP26
T10N48L	CERAMIC NOZZLE NO 6 - LONG - WP17/26	WP17 + WP18 + WP26



COLLETS AND COLLET BODIES

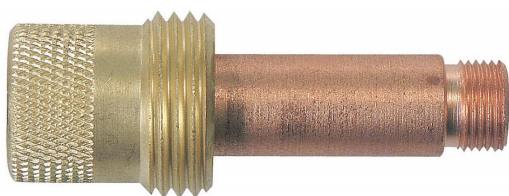
Taurus collets and collet bodies are precision engineered and manufactured from high-quality copper. It ensures that the tungsten electrode in the TIG torch is held and kept in position. The collet body distributes the shielding gas. Once the required tungsten position is established, the back cap can be tightened thereby locking the tungsten in position. This creates a solid contact which is necessary for strong current transfer.

STUBBY

Taurus stubby consumables are engineered to shorten the profile of the TIG torch without sacrificing performance. This allows access to more confined welding locations.

PRODUCT CODE	DESCRIPTION	SIZE	TORCH
COLLETS			
T13N22	COLLET 1.6MM - WP9	1.6mm	WP9
T13N23	COLLET 2.4MM - WP9	2.4mm	WP9
T10N23	COLLET 1.6MM - WP17/18/26	1.6mm	WP17 + WP18 + WP26
T10N24	COLLET 2.4MM - WP17/18/26	2.4mm	WP17 + WP18 + WP26
T10N25	COLLET 3.2MM - WP17/18/26	3.2mm	WP17 + WP18 + WP26
STUBBY COLLETS			
T10N23S	COLLET 1.6MM - WP17/18/26 STUBBY	1.6mm	WP17 + WP18 + WP26
T10N24S	COLLET 2.4MM - WP17/18/26 STUBBY	2.4mm	WP17 + WP18 + WP26
T10N25S	COLLET 3.2MM - WP17/18/26 STUBBY	3.2mm	WP17 + WP18 + WP26
COLLET BODIES			
T13N27	COLLET BODY 1.6MM - WP9	1.6mm	WP9
T13N28	COLLET BODY 2.4MM - WP9	2.4mm	WP9
T10N31	COLLET BODY 1.6MM - WP17/18/26	1.6mm	WP17 + WP18 + WP26
T10N32	COLLET BODY 2.4MM - WP17/18/26	2.4mm	WP17 + WP18 + WP26
T10N28	COLLET BODY 3.2MM - WP17/18/26	3.2mm	WP17 + WP18 + WP26
STUBBY COLLET BODIES			
T17CB20	COLLET BODY 1.6MM - STUBBY - WP17/18/26	1.6mm	WP17 + WP18 + WP26
T17CB21	COLLET BODY 2.4MM - STUBBY - WP17/18/26	2.4mm	WP17 + WP18 + WP26
T17CB22	COLLET BODY 3.2MM - STUBBY - WP17/18/26	3.2mm	WP17 + WP18 + WP26

TAURUS GAS LENS CERAMICS & GAS LENS COLLET BODIES



CERAMIC GAS LENSES

Taurus ceramic gas lenses allow increased shielding gas coverage to the weld pool. The larger the gas lens, the larger the shielding area and vice versa.

GAS LENS COLLET BODIES

Taurus gas lens collet bodies replace the standard collet bodies enabling increased shielding gas coverage and reduced turbulence. Welding discontinuances associated with atmospheric contaminants are also reduced. Gas lens collet bodies are normally manufactured from a copper-brass alloy and equipped with stainless steel mesh screens. Larger gas lens bodies provide improved gas coverage when materials are welded that tend to react to atmospheric contaminants. On complex joints, larger gas lens bodies also allow greater tungsten stick-out to gain better visibility of the weld puddle or to increase access to the joint. Gas lens collet bodies enable higher quality welds, improved gas flow, lower gas consumption and optimal weld puddle shielding.

PRODUCT CODE	DESCRIPTION	SIZE	TORCH
T53N58 to T53N61	GAS LENSES - STANDARD LENGTH CERAMIC NOZZLE - GAS LENS - WP9 - SIZE: #4 + #5 + #6 + #7	#4 to #7	WP9
T54N14 to T54N19	CERAMIC NOZZLE - GAS LENS - WP17/26 - SIZE: #4 + #5 + #6 + #7 + #8 + #11	#4 to #11	WP17 + WP18 + WP26
T54N16L to T54N17L	GAS LENSES - LONG LENGTH CERAMIC NOZZLE - LONG GAS LENS - WP17/26 - SIZES: #5 + #6	#5 to #6	WP17 + WP18 + WP26
T53N87 - T53N89	GAS LENSES - LARGE CERAMIC NOZZLE - LARGE GAS LENS - WP9 - SIZES: #10 + #12 + #15	#10 - #15	WP9 TO WP26
T45V43 to T45V44	GAS LENS COLLET BODIES - STANDARD COLLET BODY GAS LENS - WP9 - SIZES: 1.6mm + 2.4mm	1.6mm to 2.4mm	WP9
T45V25 - T45V27	COLLET BODY GAS LENS - WP17/18/26 - SIZES: 1.6mm + 2.4mm + 3.2mm	1.6mm to 3.2mm	WP17 + WP18 + WP26
T45V116	GAS LENS COLLET BODIES - LARGE COLLET BODY LARGE GAS LENS - 1.6MM - WP17/26	1.6mm	WP17 + WP18 + WP26
T45V64	COLLET BODY LARGE GAS LENS - 2.4MM - WP17/26	2.4mm	WP17 + WP18 + WP26
17GL332	GAS LENS STUBBY COLLET BODIES COLLET BODY GAS LENS 2.4MM - STUBBY - WP17/18/26	2.4mm	WP17 + WP18 + WP26



BACKCAPS

A Taurus back cap applies pressure to the end of the collet and force it to the collet body. The pressure keeps the tungsten in place and seals the torch from the atmosphere. Three backcaps are available: short, medium and long. They serve the same purpose but for different applications. When operating in a restricted area with limited space, the short back cap will be fitted. However, the tungsten length must be in proportion to the size of the back cap.



VALVES

The Taurus valve allows the operator to open the gas flow before and close it after a welding operation. The valve fits on to the torch body.



INSULATORS

TAURUS insulators are seals preventing the shielding gas from escaping and causing irregularities in the weld. The applicable ceramic nozzle will determine the insulator size.

PRODUCT CODE	DESCRIPTION	TORCH
	BACKCAPS	
T41V33	WP9 BACK CAP - SHORT	WP9
T41V35	WP9 BACK CAP - MEDIUM	WP9
T41V24	WP9 BACK CAP - LONG	WP9
T57Y04	WP17/18/26 BACK CAP - SHORT	WP17 + WP18 + WP26
T57Y02	WP17/18/26 BACK CAP - LONG	WP17 + WP18 + WP26
	VALVES	
TVS2	WP9/17 VALVE	WP9 + WP17
TVS1	WP18/26 VALVE	WP18 + WP26
	INSULATORS	
T598882	WP9/20 INSULATOR - FRONT	WP9
T18.CG	WP17/18/26 INSULATOR TORCH HEAD - FRONT	WP17 + WP18 + WP26
T18-7	WP17/18/26 INSULATOR - BACK	WP17 + WP18 + WP26
T54N01	WP17/18/26 INSULATOR GAS LENS	WP17 + WP18 + WP26
T54N63	WP17/18/26 INSULATOR GAS LENS - LARGE	WP17 + WP18 + WP26

TAURUS TORCH BODIES, HANDLES & SWITCHES



TORCH BODIES

A torch body (also known as torch head) is a replacement part on all TIG torch models. The TIG torch body is easily connected to an existing TIG torch cable connector.

TORCH HANDLES

Taurus TIG torch handles are replacement parts for all torch models. Handles are available in a smooth or ribbed version. The ribbed version is designed for a sturdy grip and fits without a switch boot. The smooth version fits with a switch and switch boot.

SWITCH BOOTS

The Taurus TIG switch boot secures the push-button trigger switch on the handle. It also serves to reduce high frequency interference.

TRIGGER SWITCHES

The Taurus trigger switch activates and deactivates the arc and gas flow to the machine.

PRODUCT CODE	DESCRIPTION	TYPE	TORCH
TORCH BODIES			
T9V or T9	T9 TORCH BODY	VALVE or NO VALVE	WP9
T17V or T17	WP17 TORCH BODY	VALVE or NO VALVE	WP17
T18V or T18	WP18 TORCH BODY	VALVE or NO VALVE	WP18
T26V or T26	WP26 TORCH BODY	VALVE or NO VALVE	WP26
FLEXIBLE TORCH BODIES			
T18V-FX	WP18V FLEX NECK TORCH BODY WITH VALVE	VALVE	WP18
T26V-FX	WP26V FLEX NECK TORCH BODY WITH VALVE	VALVE	WP26
TORCH HANDLES			
T.H100 or T.H100R	WP9/17 HANDLE	SMOOTH or RIBBED	WP9 + WP17
T.H200 or T.H200R	WP18/26 HANDLE	SMOOTH or RIBBED	WP18 + WP26
HANDLE SWITCH BOOTS			
TBW0071	WP9/17 SWITCH BOOT	-	WP9 + WP17
TBW0070	WP18/26 SWITCH BOOT	-	WP18 + WP26
TRIGGER SWITCHES			
TK-01	SWITCH FOR TIG TORCHES	LEVER	WP9 + WP17 + WP18 + WP26
TK-02	TIG SWITCH FOR SWITCH BOOT	BUTTON	WP9 + WP17 + WP18 + WP26



CANVAS SHEATHING OUTER COVER

Taurus canvas sheathing outer covers are manufactured from rubber reinforced canvas. The heat resistant outer cover protects the welding torch cable and hose from friction and welding spatter damage.

RUBBER SHEATHING OUTER COVER

Taurus rubber sheathing outer covers are manufactured from high-quality rubber that is fire resistant and anti-corrosive. The covers protect welding torch cables and hoses from damage.



ZIPPER COVER

The Taurus zipper cover protects the torch cable and gas hose. It is manufactured from wear-resistant and flame-retardant material. It is easy to fit and also for installing replacement parts.

PRODUCT CODE	DESCRIPTION	LENGTH	TORCH
CANVAS SHEATHING OUTER COVER			
VA.PR.25.27	CANVAS SHEATHING (25 X 27)	PER METER	BZ15 + BZ25
VA.PR.45.49	CANVAS SHEATHING (45 X 49)	PER METER	BZ36 + BZ40
VA.PR.51.55	CANVAS SHEATHING (51 X 55)	PER METER	BZ501 + INTERCONNECTION CABLE
RUBBER SHEATHING OUTER COVER			
VAGD2123	RUBBER SHEATHING (WP17)	4m + 8m	WP9 + WP17
VAGD2628	RUBBER SHEATHING (WP26)	4m + 8m	WP18 + WP26 + BZ15 + BZ25
ZIPPER COVER			
WC-3-12	ZIPPER COVER 3.6M FOR WP17 TORCH - 80MM	3.6m	WP9 + WP17
WC-3-25	ZIPPER COVER 7.6M FOR WP17 TORCH - 80MM	7.6m	WP9 + WP17
WC-4-12	ZIPPER COVER 3.6M FOR WP26 TORCH - 100MM	3.6m	WP18 + WP26
WC-4-25	ZIPPER COVER 7.6M FOR WP26 TORCH - 100MM	7.6m	WP18 + WP26
ZIPPER COVER NYLON			
IGG0703	NYLON COVER WITH ZIPPER (8M)	8m	WP9 + WP17 + WP18 + WP26

TIG TORCHES AND ACCESSORIES



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