

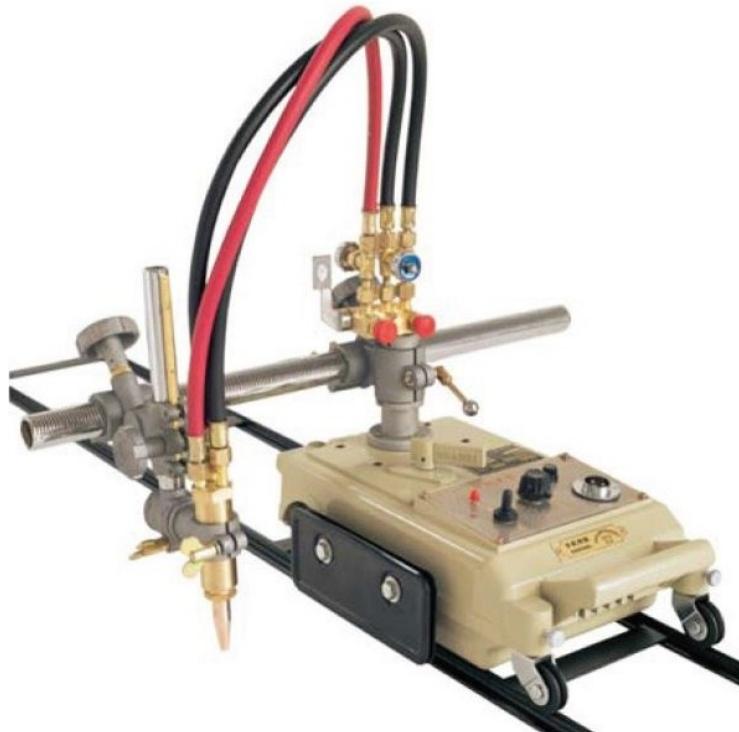


**GAS EQUIPMENT AND
ACCESSORIES**

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TAURUS CG1-30 STRAIGHT LINE CUTTER



The straight line cutter CG1-30 is a light, portable machine running on rails which can be extended to suit the cutting length. It uses oxygen-acetylene or oxygen-LPG. The traveling speed is adjustable enabling cutting through materials up to 100mm thick. Cutting nozzles ANME/ANM and PNME/PNM used on the universal cutting torch, can both be fitted to the machine.

GAS CUTTING

- A light and portable main body manufactured from high-strength aluminium.
- Adjustable speed control.
- Quick-connectors for rapid hose connections.
- Designed for straight line cutting and circle cutting diameters between 20mm and 200mm.
- Designed for a single cutting head.
- Beveling range: IYV (45%).

| PRODUCT CODE | DESCRIPTION | CUTTING THICKNESS (mm) | CUTTING SPEED (mm/min) | TRACK LENGTH (mm) |
|--------------|---|------------------------|------------------------|-------------------|
| CG-130 | TAURUS CG1-30 STRAIGHT LINE CUTTER | 6 - 100 | 50 - 750 | 1800 extendable |
| TRACK01 | <u>EXTRA TRACK</u> TAURUS TRACK FOR CG1-30-1.8M | - | - | 1800 extendable |
| PCG1-30 | <u>PLASMA TORCH ATTACHMENT</u> TAURUS PLASMA TORCH HOLDER FOR CG1-30 | PSU DETERMINED | 50 - 4500 | |

TAURUS MINIPAK TWO-PIECE GAS TORCH



MINIPAK SHANK

Taurus MINIPAK Shanks have 1/4" inlet connections and are used in conjunction with either portable cylinder mixers or cutting attachments. These products are portable and user fatigue is minimised.



MINIPAK MIXER

Taurus MINIPAK Mixers are designed for use in conjunction with portable cylinder torch shanks. DH nozzles suitable for all light-duty gas welding, are used.



MINIPAK CUTTING ATTACHMENT

Taurus MINIPAK Cutting attachments are designed for use in conjunction with portable cylinder torch shanks. AF-N cutting nozzles suitable for all light-duty oxy-acetylene cutting of material up to a thickness of 50mm, are used.

| PRODUCT CODE | DESCRIPTION |
|--------------|-----------------------------------|
| M0001-MP | TAURUS MINIPAK MIXER |
| CA001-MP | TAURUS MINIPAK CUTTING ATTACHMENT |
| SH001-MP | TAURUS MINIPAK SHANK |





MINIPAK REGULATORS

Taurus MINIPAK regulators are designed to fit onto portable cylinders with an 11/16" x 20 TPI W female-valve thread. Its function is to reduce high-pressure cylinder gas to a lower level for particular use in all light-duty cutting and welding operations.



MINIPAK FLASHBACK ARRESTORS

Taurus MINIPAK flash arrestors are designed to fit onto portable cylinder regulator outlets of 1/4". Its function is to reduce the risk of gas back feeding which can result in damage to equipment and even fatal explosion of gas cylinders.

| PRODUCT CODE | DESCRIPTION |
|--------------|--|
| | REGULATORS |
| MPDAREG | TAURUS MINIPAK REGULATOR-O2-1 STAGE-2G-1/4 |
| MPO2REG | TAURUS MINIPAK REGULATOR-O2-1 STAGE-2G-1/4 |
| | FLASHBACK ARRESTORS |
| FBAR-MP | TAURUS MP FLASHBACK ARRESTOR-OXY-REG-1/4 |
| FBAL-MP | TAURUS MP FLASHBACK ARRESTOR-ACY-REG-1/4 |





MINIPAK DH BRAZING NOZZLES

Taurus MINIPAK DH brazing nozzles are used with portable cylinder mixers and are suitable for all light-duty gas welding of steel up to 8mm thick.



MINIPAK AF-N CUTTING NOZZLES

Taurus MINIPAK AF-N cutting nozzles are used with portable cylinder cutting attachments and are suitable for all light-duty oxy-acetylene cutting steel up to 50mm thick.



MINIPAK HOSE FITTINGS

Taurus MINIPAK hose fittings are used with portable cylinder gas equipment with a nut thread of 1/4" and tail pieces to fit 6mm gas hose.

| PRODUCT CODE | DESCRIPTION |
|--------------|---|
| | DH BRAZING NOZZLE |
| DH1-MP | TAURUS MINIPAK BRAZING NOZZLE 1 |
| DH2-MP | TAURUS MINIPAK BRAZING NOZZLE 2 |
| DH3-MP | TAURUS MINIPAK BRAZING NOZZLE 3 |
| DH5-MP | TAURUS MINIPAK BRAZING NOZZLE 5 |
| DH7-MP | TAURUS MINIPAK BRAZING NOZZLE 7 |
| | AF-N CUTTING NOZZLE |
| AFN-0.8-MP | TAURUS MINIPAK AFN 0.8 CUTTING NOZZLE |
| AFN-1.2-MP | TAURUS MINIPAK AFN 1.2 CUTTING NOZZLE |
| AFN-1.6-MP | TAURUS MINIPAK AFN 1.6 CUTTING NOZZLE |
| | GAS HOSE FITTINGS |
| OXYNUT-MP | TAURUS MINIPAK NUT (1/4)-RH-OXYGEN |
| ACNUT-MP | TAURUS MINIPAK NUT (1/4)-LH-ACETYLENE |
| TP6MM-MP | TAURUS MINIPAK TAILPIECE-6MM HOSE FOR 1/4 |



TAURUS MINIPAK COMBINATION KIT



STANDARD KIT CONSISTS OF:

- Toolbox
- DH welding nozzles - No. 1,3 & 7.
- Cutting nozzle AFN- 0.8mm, 1.2mm & 1.6mm
- Minipak acetylene regulator
- Minipak oxygen regulator
- Minipak regulator mounted flashback arrestors
- Minipak shank
- Minipak cutting attachment
- Minipak mixer
- 3m gas hose(6mm) set

The TAURUS Minipak combination kit is a starting kit for general brazing, welding and cutting with oxygen and acetylene gas. It can be extended to suit personal and job requirements. The equipment is presented in a secure, robust toolbox. The fittings are compatible with portable size (11/16" x 20 TPI W female-valve thread) gas cylinders in South Africa.

| PRODUCT CODE | DESCRIPTION | GAS | PACKAGE | BULK |
|--------------|-------------------------|-----------|---------|------|
| CK02 | TAURUS MINI-PAK C&W KIT | OXY / ACE | 1 | - |



TAURUS SINGLE STAGE REGULATORS SX MODEL



The primary function of a gas regulator is to reduce high-pressure gas in a cylinder or process line to a lower, more usable level. A regulator is not a flow control device. It is used to control delivery pressure only. It has two gauges, one to measure the inlet pressure and the other to measure the outlet delivery pressure.

APPLICATIONS

- Medium-duty cutting, heating and welding.

FEATURES

- Sufficient flow for cutting up to 300mm steel.
- Smooth, high precision adjustment.
- Side inlet connection.
- Standard chromed gauges and brass body.

| REGULATOR | INLET | | | OUTLET | | | |
|-----------------------------|------------------|----------------|-------------|-------------------|----------------|-----------------------|------------|
| | MAXIMUM PRESSURE | PRESSURE GAUGE | CONNECTION | DELIVERY PRESSURE | PRESSURE GAUGE | MAXIMUM GAS FLOW | CONNECTION |
| OXYGEN 3/8" | 23000 kPa | 0 - 28000 kPa | G 5/8" B-rh | 0 - 1000 kPa | 0 - 1100 kPa | 155 m ³ /h | 3/8" rh |
| ACETYLENE 3/8" | 2500 kPa | 0 - 2750 kPa | G 5/8" B-lh | 0 - 150 kPa | 0 - 255 kPa | 30 m ³ /h | 3/8" lh |
| LPG 3/8" | 2500 kPa | 0 - 2750 kPa | G 5/8" B-lh | 0 - 150 kPa | 0 - 255 kPa | 30 m ³ /h | 3/8" lh |
| NITROGEN 3/8" | 23000 kPa | 0 - 28000 kPa | G 3/4" B-rh | 0 - 800 kPa | 0 - 1100 kPa | 30 m ³ /h | 3/8" rh |
| HIGH PRESSURE NITROGEN 3/8" | 19613 kPa | 0 - 30890 kPa | G 3/4" B-rh | 0 - 5883 kPa | 0 - 9806 kPa | 150m ³ /h | 3/8" rh |
| OXYGEN 9/16" | 23000 kPa | 0 - 28000 kPa | G 5/8" B-rh | 0 - 1000 kPa | 0 - 1100 kPa | 155 m ³ /h | 9/16" rh |
| ACETYLENE 9/16" | 2500 kPa | 0 - 2750 kPa | G 5/8" B-lh | 0 - 150 kPa | 0 - 255 kPa | 30 m ³ /h | 9/16" lh |

| PRODUCT CODE | DESCRIPTION | GAS | PACKAGE (UNIT) | BULK (UNIT) |
|--------------|---|-----------|----------------|-------------|
| 02REG | TAURUS REGULATOR-OXY-1 STAGE-2G | OXYGEN | 1 | 12 |
| DAREG | TAURUS REGULATOR-ACY-1 STAGE-2G | ACETYLENE | 1 | 12 |
| LPGREG | TAURUS REGULATOR-LPG-1 STAGE-2G | LPG | 1 | 12 |
| N2REG | TAURUS REGULATOR-NIT-1 STAGE-2G | NITROGEN | 1 | 12 |
| N2REG-HP | TAURUS REGULATOR-NITROGEN -1 STAGE-2G-50BAR | NITROGEN | 1 | 12 |
| HS02REG | TAURUS REGULATOR-OXY-1 STAGE-2G-9/16 | OXYGEN | 1 | 12 |
| HSDAREG | TAURUS REGULATOR-ACY-1 STAGE-2G-9/16 | ACETYLENE | 1 | 12 |



TAURUS SINGLE STAGE LPG HEATING REGULATOR



The primary function of a gas regulator is to reduce high-pressure gas in a cylinder or process line to a lower, more usable level. A regulator is not a flow control device. It is used to control delivery pressure only.

APPLICATIONS

- Light duty cutting and heating.

FEATURES

- Maximum inlet pressure of 2500 kPa.
- Body and cap forged class A brass for maximum strength with a chromed gauge.
- Smooth, high precision adjustment.
- Side-inlet connection.
- Standard version with chromed gauges, brass body and bonnet.

| INLET | VALUE |
|------------------------|--------------|
| Maximum inlet pressure | 2500 kPa |
| Inlet Connection | G 5/8" B-lh |
| Supply pressure gauge | 0 - 2750 kPa |

| OUTLET | VALUE |
|-------------------------|-------------|
| Delivery pressure | 0 - 600 kPa |
| Delivery pressure gauge | 0 - 600 kPa |
| Outlet connection | 3/8" lh |

| PRODUCT CODE | DESCRIPTION | GAS | PACKAGE (UNIT) | BULK (UNIT) |
|--------------------------------------|---|-----------|----------------|-------------|
| LPREG-1G-H | TAURUS LPG REGULATOR - 1GAUGE - HEATING | LPG | 1 | 12 |
| OTHER SINGLE STAGE REGULATORS | | | | |
| 02REG | TAURUS REGULATOR-OXY-1 STAGE-2G | OXYGEN | 1 | 12 |
| DAREG | TAURUS REGULATOR-ACY-1 STAGE-2G | ACETYLENE | 1 | 12 |
| LPREG | TAURUS REGULATOR-LPG-1 STAGE-2G | LPG | 1 | 12 |
| N2REG | TAURUS REGULATOR-NIT-1 STAGE-2G | NITROGEN | 1 | 12 |



TAURUS DOUBLE STAGE REGULATORS MX MODEL



The Taurus double-stage regulator is designed to lower the high pressure gas from a gas cylinder to a usable outlet pressure in two stages. It requires less readjustment and provides a more constant delivery pressure despite changes in inlet pressure. It is exceptionally well suited for high-pressure cylinder applications and where stable outlet pressure is important. The regulator is fitted with two gauges, one to measure the inlet pressure and the other for measuring the outlet delivery pressure.

APPLICATIONS

- Ideal where stable outlet pressure is important.
- Used for purging (Nitrogen), quality cutting applications and systems or precision machine cutting. Suitable for heavy machine cutting, hand cutting and gouging.

FEATURES

- Forged brass body for maximum strength.
- First stage reduces full cylinder pressure by approximately 90%.
- Large Ø 70 mm second stage diaphragm accurately controls delivery pressure.
- Durable brass bonnet.

| REGULATOR | INLET | | | OUTLET | | | |
|-----------|------------------|----------------|-------------|-------------------|----------------|------------------|------------|
| | MAXIMUM PRESSURE | PRESSURE GAUGE | CONNECTION | DELIVERY PRESSURE | PRESSURE GAUGE | MAXIMUM GAS FLOW | CONNECTION |
| OXYGEN | 23000 KPa | 0 - 42000 Kpa | G 5/8" B-RH | 0 - 1000KPa | 0 - 1600 Kpa | 100 m³/h | 3/8" RH |
| ACETYLENE | 2500 KPa | 0 - 4000 Kpa | G 5/8" B-LH | 0 - 150KPa | 0 - 250 Kpa | 25 m³/h | 3/8" LH |

| PRODUCT CODE | DESCRIPTION | GAS | PACKAGE | BULK |
|--------------|---------------------------------|-----------|---------|------|
| DS/02REG | TAURUS REGULATOR-OXY-2 STAGE-2G | OXYGEN | 1 | 12 |
| DS/DAREG | TAURUS REGULATOR-ACY-2 STAGE-2G | ACETYLENE | 1 | 12 |

TAURUS FLOWMETERS



TAR1SFM & TARG1-CFM ARGON FLOWMETER

The TAR1SFM and TARG1-CFM Taurus argon flowmeter connects to an argon gas cylinder. Its function is to measure the amount of gas passing through. It is generally used in TIG and MIG welding. The adjustment knob adjusts the flowrate and not the pressure. The flowrate is set in litres per minute. The gauge measures the inlet pressure and the tube measures the delivery flowrate.

TARG1-HDFM HEAVY DUTY ARGON FLOWMETER

The TARG1-HDFM Taurus heavy duty flowmeter is manufactured from heavy duty brass which connects to an argon gas cylinder. Its function is to measure the amount of gas passing through. It is generally used in TIG and MIG welding. The adjustment knob accurately controls the flowrate but not the pressure.. The flowrate is set in litres per minute. The gauge measures the inlet pressure and the tube measures the delivery flowrate.

CO₂ HEATED FLOWMETER

The Taurus CO₂ heated flow meter connects to a gas cylinder. Its primary function is to heat the MIG gas mixture containing carbon dioxide and prevent it from freezing. The flowrate is measured in liters per minute and can be adjusted. The inlet pressure is indicated on the gauge.

| SPECIFICATION | TARG1-CFM ARGON FLOWMETER | TARG1-HDFM & TARG1-SFM ARGON FLOWMETER | HEATED CO ₂ FLOWMETER |
|------------------------|---------------------------|--|----------------------------------|
| Gas | Argon | Argon | Carbon Dioxide |
| Maximum inlet pressure | 23000 KPa | 23000 KPa | 23000 KPa |
| Inlet Connection | G 5/8" B-RH | G 5/8" B-RH | BS341 - RH |
| Supply pressure gauge | 0 - 31500 KPa | 0 - 31500 KPa | 0 - 31500 KPa |
| Flow | 0 - 30 Lpm | 0 - 30 Lpm | 0 - 30 Lpm |
| Outlet connection | - | 3/8" RH | 3/8" RH |
| Heated | No | No | Yes |

| PRODUCT CODE | DESCRIPTION | GAS | PACKAGE (UNIT) | BULK (UNIT) |
|--------------|--|----------------|----------------|-------------|
| ARGFLCR | FLOWMETER CHROME-MODEL TARG1-CFM | ARGON | 1 | 12 |
| ARGFLBR-HD | TAURUS FLOWMETER HEAVY DUTY CHROMED-MODEL TARG1-HDFM | ARGON | 1 | 12 |
| ARGFLBR-MD | TAURUS FLOWMETER MEDIUM DUTY BRASS-MODEL TARG1-CFM | ARGON | 1 | 12 |
| ARGFLSTD | TAURUS FLOWMETER CHROMED BRASS BODY-MODEL TARG1-SFM | ARGON | 1 | 12 |
| ARGFLM.H | TAURUS FLOWMETER-CO ₂ -1 STAGE-HEATED | CARBON DIOXIDE | 1 | 12 |

TAURUS FLOWMETER DOUBLE OUTLET



The TAURUS FLOWMETER DOUBLE OUTLET ARGON TARG1-DOFM connects to an argon gas cylinder. It's a single cylinder inlet with a dual outlet flowmeter. Its function is to individually adjust each outlet and measure the amount of gas passing through separately. It is generally used in TIG and MIG welding. The adjustment knob adjusts the flowrate and not the pressure. The flowrate is set in litres per minute. The gauge measures the inlet pressure and each tube measures the delivery flowrate.

APPLICATIONS

- Suitable for all MIG/TIG welding applications

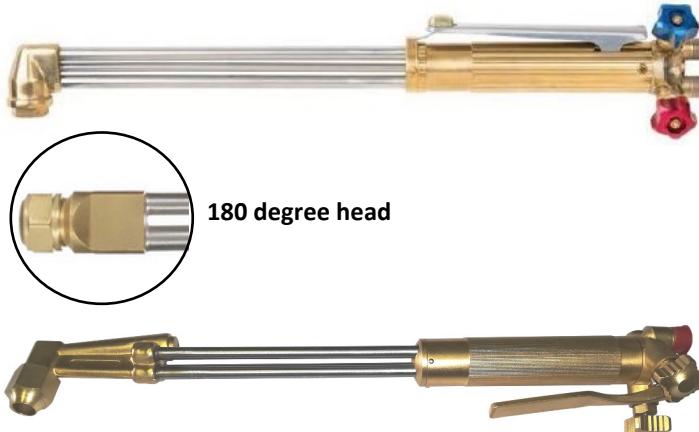
FEATURES

- Maximum inlet pressure of 23 000 Kpa.
- Designed for use with argon based gases.
- Two individual adjustable outlet.

| SPECIFICATION | TARG1-DOFM ARGON FLOWMETER |
|------------------------|-------------------------------|
| Gas | Argon |
| Maximum inlet pressure | 23000 kPa |
| Inlet Connection | G 5/8" B-rh |
| Supply pressure gauge | 0 - 31500 kPa |
| Flow outlet 1 | 0 - 30 lpm |
| Flow outlet 2 | 0 - 30 lpm |
| Outlet connection | 3/8" rh |

| PRODUCT CODE | DESCRIPTION | GAS | PACKAGE | BULK |
|--------------|---|-------|---------|------|
| ARGFLDO | TAURUS FLOWMETER DOUBLE OUTLET ARGON TARG1-DOFM | ARGON | 1 | 12 |

TAURUS ONE PIECE CUTTING TORCH



180 degree head



UNIVERSAL CUTTING TORCH

The Taurus universal 500mm long cutting torch is a heavy-duty, versatile and robust Saffire style torch with a 90 degree angled head. It can cut through steel up to 300mm thick and ANM, ANME, PNM or PNME nozzles can be fitted. Preheated oxygen and fuel gas mixed in the nozzle ensure greater safety and higher backfire resistance.

62-3F CUTTING TORCH

The Taurus 62-3F 500mm long heavy-duty versatile and robust cutting torch has a 90 degree angled head. Flat base Taurus NX nozzles must be fitted. The torch can cut through steel up to 300mm thick. Only oxygen and LPG or propane gas can be used.

MOD28 CUTTING TORCH

The Taurus MOD28 a 500mm heavy-duty, versatile and robust cutting torch has a 90 degree angled head. Taurus 2890-F or 2890-P threaded nozzles must be fitted. The torch can cut through steel up to 300mm thick. Oxygen and acetylene or oxygen and LPG or propane gas can be used.

| DESCRIPTION | UNIVERSAL CUTTING TORCH | | | 62-3F CUTTING TORCH | MOD28 CUTTING TORCH |
|------------------------|----------------------------------|----------------------------------|----------------------------------|---------------------|----------------------|
| Torch length | 500mm | 1000mm | 1000mm | 500mm | 500mm |
| Head | 90 ° | 90 ° | 180 ° | 90 ° | 90 ° |
| Inlet connection | 3 / 8" BSP | 3 / 8" BSP | 3 / 8" BSP | 3 / 8" BSP | 9 / 16" |
| Gas | OXY - ACE - LPG | OXY - ACE - LPG | OXY - ACE - LPG | OXY - LPG | OXY - ACE - LPG |
| Steel cutting capacity | up to 300mm | up to 300mm | up to 300mm | up to 300mm | up to 300mm |
| Supported nozzles | 8290 ANM + ANME PNM + PNME | 8290 ANM + ANME PNM + PNME | 8290 ANM + ANME PNM + PNME | 6290 NX | 2890 - F 2890 - P |

| PRODUCT CODE | DESCRIPTION | GAS | PACKAGE (UNIT) | BULK (UNIT) |
|----------------------------------|---|-----------------|----------------|-------------|
| CTT-62-3F | TAURUS 62-3F CUTTING TORCH - 3/8 | OXY / LPG | 1 | 10 |
| CTT-MOD28 | TAURUS MOD28 CUTTING TORCH - 9/16 | OXY / ACE / LPG | 1 | 10 |
| UNIVERSAL CUTTING TORCHES | | | | |
| CTT-STD | UNIVERSAL CUTTING TORCH STD - 3/8 | OXY / ACE / LPG | 1 | 10 |
| CTT-HD | TAURUS UNIVERSAL CUTTING TORCH HD - 3/8 | OXY / ACE / LPG | 1 | 10 |
| CTT-HD-1000MM | TAURUS UNIVERSAL CUTTING TORCH HD - 3/8 - 1000MM | OXY / ACE / LPG | 1 | 10 |
| CTT-HD-SN | TAURUS UNIVERSAL STRAIGHT CUTTING TORCH HD - 3/8 - 180-DEGREE | OXY / ACE / LPG | 1 | 10 |

TAURUS TYPE 2 TORCH



TYPE 2 UNIVERSAL SHANK

The Taurus Type 2 universal shank can only be used in conjunction with either the TYPE 2 cutting attachment, the TYPE 2 mixer or the TYPE 2 high capacity mixer and the selection depends on the task at hand. It has a steel cutting capacity of up to 150mm thick and oxygen, acetylene and LP gases are supported. The inlet connections are 3/8" BSP.



TYPE 2 UNIVERSAL MIXER

The application of the TYPE 2 UNIVERSAL MIXER is for gas welding/brazing and for heating. It requires to be fitted to the Taurus UNIVERSAL SHANK and uses MK2 swaged brazing nozzles. Oxygen and acetylene or oxygen and LP gases are supported.



TYPE 2 HIGH CAPACITY MIXER

The application of the TYPE 2 HIGH CAPACITY MIXER which requires to be fitted to the TAURUS UNIVERSAL SHANK. It uses a neck tube and HN nozzles for heating material with oxygen-LPG.



TYPE 2 CUTTING ATTACHMENT

The application of the TYPE 2 CUTTING ATTACHMENT is for steel cutting using oxygen-acetylene or oxygen-LPG. It requires to be fitted to the TAURUS UNIVERSAL SHANK and uses ANM, ANME, PNM or PNME nozzles. It is manufactured with a forged brass head and stainless steel tubes and steel can be cut with a thickness up to 75mm.

| PRODUCT CODE | DESCRIPTION | GAS | PACKAGE | BULK |
|--------------|-------------------------------------|-----------------|---------|------|
| SH001 | TAURUS UNIVERSAL SHANK | OXY / ACE / LPG | 1 | 12 |
| M0002 | TAURUS UNIVERSAL MIXER | OXY / ACE / LPG | 1 | 12 |
| M0003 | TAURUS HIGH CAPACITY MIXER | OXY / LPG | 1 | 12 |
| CA003 | TAURUS UNIVERSAL CUTTING ATTACHMENT | OXY / ACE / LPG | 1 | 12 |



TAURUS MICRO BRAZING TORCH



The TAURUS MICRO BRAZING TORCH is designed for precision joining of various metals. It is ideally suited for manufacturing and repairing jewelry and electronic products, for hobby making, craft work, sculpturing and glass blowing.

The torch is precision engineered, manufactured from quality light materials for easy maneuverability. The tailpieces are 3/8" threaded left handed (red colour coded) for the fuel-gas connection and right handed (blue colour coded) for the oxygen connection.

FEATURES

- Versatile, robust and easy maneuverable.
- All nozzle sizes can be used with acetylene. Nozzle sizes 3, 4 and 5 must be used with LPG.
- Flexible colour coded hoses.
- Five tip sizes for various flame lengths and heat output.

| PRODUCT CODE | DESCRIPTION | GAS | PACKAGE (UNIT) | BULK (UNIT) |
|--------------|-------------------------------------|-----------------|----------------|-------------|
| 1C05-0016 | JEWELLERS LIGHTWEIGHT BRAZING TORCH | OXY / ACE / LPG | 1 | 12 |



TAURUS QUICK RELEASE COUPLINGS



TAURUS QUICK RELEASE COUPLINGS are precision engineered and manufactured from high-quality brass ensuring wear resistance, sturdiness, durability, stability and gas escape prevention. They feature nozzle coupling connectors with easy-to-use slider collars for time-saving, fast engagement and disengagement of the gas hoses from the torch or regulator side.

The nozzle coupling connector is easy to use. All you have to do is slide the collar back and insert the male accessory coupling, and then slide the collar completely back to lock it in place.

| PRODUCT CODE | DESCRIPTION | CONNECTION THREAD | HOSE SIZE | COLOUR CODING |
|---------------|--|-------------------|-----------|---------------|
| QC-HD188L-3/8 | TAURUS QUICK RELEASE FBA - ACY TORCH 3/8 | 3/8" lh | 8mm | RED |
| QC-HD188R-3/8 | TAURUS QUICK RELEASE FBA - OXY TORCH 3/8 | 3/8" rh | 8mm | BLUE |
| QC-HD288L-3/8 | TAURUS QUICK RELEASE FBA - ACY REG 3/8 | 3/8" lh | 8mm | RED |
| QC-HD288R-3/8 | TAURUS QUICK RELEASE FBA - OXY REG 3/8 | 3/8" rh | 8mm | BLUE |



TAURUS FLASHBACK ARRESTORS



A flashback is defined as a flame traveling almost instantaneously in the opposite direction to the normal gas-flow. A flashback incident can cause irreparable damage to equipment and can, in a worst case scenario, be catastrophic if the flash enters the gas cylinder resulting in an explosion. Back-feeding of gas flames can be a result of various incidents of which incorrect closing-down of equipment, pressure drop, incorrect igniting procedure and excessive pressure to name but a few. Flashback arrestors are safety-enhancing items which ensure gas-flow in one direction only. Any brazing, heating, gas welding or cutting operation should not be done without flashback arrestors being fitted to both regulators and torch.

HEAVY DUTY FLASHBACK ARRESTORS

TAURUS heavy-duty flashback arrestors are precision engineered and are robust items manufactured from high-quality material. They are indispensable safety enhancers under demanding conditions.

| PRODUCT CODE | DESCRIPTION | INLET / OUTLET CONNECTION | GAS | MOUNTED |
|--|--|---------------------------|----------------|-----------|
| FA188L | TAURUS FLASHBACK ARRESTOR-ACY-TORCH-3/8 | 3/8" lh | ACE / LPG / H2 | TORCH |
| FA188R | TAURUS FLASHBACK ARRESTOR-OXY-TORCH-3/8 | 3/8" rh | OXYGEN | TORCH |
| FA288L | TAURUS FLASHBACK ARRESTOR-ACY-REG-3/8 | 3/8" lh | ACE / LPG / H2 | REGULATOR |
| FA288R | TAURUS FLASHBACK ARRESTOR-OXY-REG-3/8 | 3/8" rh | OXYGEN | REGULATOR |
| FAH188L | TAURUS FLASHBACK ARRESTOR-ACY-TORCH-9/16 | 9/16" lh | ACE / LPG / H2 | TORCH |
| FAH188R | TAURUS FLASHBACK ARRESTOR-OXY-TORCH-9/16 | 9/16" rh | OXYGEN | TORCH |
| FAH288L | TAURUS FLASHBACK ARRESTOR-ACY-REG-9/16 | 9/16" lh | ACE / LPG / H2 | REGULATOR |
| FAH288R | TAURUS FLASHBACK ARRESTOR-OXY-REG-9/16 | 9/16" rh | OXYGEN | REGULATOR |
| <u>HEAVY DUTY FLASHBACK ARRESTORS</u> | | | | |
| HD188L | TAURUS FLASHBACK ARRESTOR-ACY-TORCH-3/8 | 3/8" lh | ACE / LPG / H2 | TORCH |
| HD188R | TAURUS FLASHBACK ARRESTOR-OXY-TORCH-3/8 | 3/8" rh | OXYGEN | TORCH |
| HD288L | TAURUS FLASHBACK ARRESTOR-ACY-REG-3/8 | 3/8" lh | ACE / LPG / H2 | REGULATOR |
| HD288R | TAURUS FLASHBACK ARRESTOR-OXY-REG-3/8 | 3/8" rh | OXYGEN | REGULATOR |



TAURUS GAS COMBINATION KIT



The TAURUS combination kit is a starting kit for general brazing, welding and cutting with oxygen and acetylene gas. It can be extended to suit personal and job requirements. The equipment is presented in a secure, robust toolbox. The inlet fittings on the regulators are G 5/8" - B -rh on the oxygen side and B-1h on the acetylene side. The fittings are compatible with industrial size gas cylinders in South Africa.

STANDARD KIT CONSISTS OF:

- Toolbox
- MK2 welding nozzles - No. 3,5 & 7.
- Cutting nozzle ANM - 0,8 mm
- Acetylene regulator
- Oxygen regulator
- Torch mounted flashback arrestors
- Type 2 shank
- Type 2 cutting attachment
- Type 2 mixer
- Nozzle cleaner
- Triple flint lighter
- Fitted hose set
- Goggles

| PRODUCT CODE | DESCRIPTION | GAS | PACKAGE (UNIT) | BULK (UNIT) |
|--------------|------------------------------|-----------|----------------|-------------|
| CK01 | TAURUS CUTTING & WELDING KIT | OXY / ACE | 1 | 2 |





TAURUS LPG HEATING TORCH HANDLE & NECK TUBE



TORCH HANDLE WITHOUT ECONOMISER

The single-valve torch is designed for a secure hand fit and smaller burners are usually fitted. The main flame will be enabled on ignition since the torch handle is not fitted with a pilot flame device or trigger.



TORCH HANDLE WITH ECONOMISER

The double-valve handle is designed for a secure hand fit and larger burners are normally fitted. An adjustable economiser valve enables a gas-saving pilot flame. Once the trigger is depressed, the pilot flame instantly shifts to the main flame or to a pulsating main flame. The economiser valve saves both time and gas, especially when working over extended periods with frequent breaks.



TORCH HANDLE NECK TUBES

Neck tubes are precision engineered and produced from high-quality brass. Several lengths are available for various applications and requirements.

| PRODUCT CODE | DESCRIPTION | ECONOMISER | INLET CONNECTION | LENGTH |
|--------------------------------|---|------------|------------------|--------|
| LPG-TH001 | TORCH HANDLES TAURUS LPG TORCH HANDLE - NO ECONOMISER | NO | 3 / 8" lh | - |
| LPG-TH002 | TAURUS LPG TORCH HANDLE WITH ECONOMISER | YES | 3 / 8" lh | - |
| TORCH HANDLE NECK TUBES | | | | |
| LPG-NT-70MM | TAURUS LPG NECK TUBE - 70MM | - | - | 70mm |
| LPG-NT-180MM | TAURUS LPG NECK TUBE - 180MM | - | - | 180mm |
| LPG-NT-750MM | TAURUS LPG NECK TUBE - 750MM | - | - | 750mm |





STANDARD BURNERS 19MM - 25MM

Standard burners for brush-type flames are available for various kinds of soft soldering and for small heating applications. The recommended working pressure is 2 bar.

POWER BURNERS 32MM - 42MM

Power burners are precision engineered and manufactured from heavy-duty, high-quality brass designed for extremely strong flames and to withstand high winds and the severest weather conditions. It is ideal for drying work pieces, pre-heating welding pieces, bitumen laying, detail and field torching, melting snow/ice and other demanding applications requiring a heat source. The recommended working pressure is 4 bar.

| PRODUCT CODE | DESCRIPTION | BURNER DIAMETER | GAS CONSUMPTION AT 4 BAR | EFFECT |
|---------------------|--|-----------------|--------------------------|---------|
| LPG-B-19MM | STANDARD BURNER TAURUS LPG BURNER - 19MM | 19mm | 240 g/h | 3.1 kW |
| LPG-B-25MM | TAURUS LPG BURNER - 25MM | 25mm | 240 g/h | 3.1 kW |
| POWER BURNER | | | | |
| LPG-B-29MM | TAURUS LPG BURNER - 29MM | 29mm | 2000 g/h | 26 kW |
| LPG-B-32MM | TAURUS LPG BURNER - 32MM | 32mm | 3350 g/h | 43.5 kW |
| LPG-B-42MM | TAURUS LPG BURNER - 42MM | 42mm | 6700 g/h | 86 kW |



TAURUS OXY-LPG HEATING TUBE & NOZZLES



STAINLESS STEEL NECK TUBE

TAURUS stainless steel neck tubes fit onto the TYPE 2 HIGH CAPACITY MIXER and accommodate the HN series of heavy-duty heating nozzles.

2290-HN HEATING NOZZLE

TAURUS 2290-HN heating nozzles are designed for efficient, heavy-duty heating and its flames are ideal for metal-heating prior to welding or bending. The precision engineered and manufactured nozzles are designed to reduce the occurrence of flashbacks. Oxygen and LP/propane gas must be used.

| PRODUCT CODE | DESCRIPTION | GAS | PACKAGE (UNIT) | BULK (UNIT) |
|--------------|---|-----------|----------------|-------------|
| SSNT-1000MM | NECK TUBE EXTENTION TAURUS S/S NECK TUBE - 1000MM | OXY / LPG | 1 | 1 |
| HN2 | 2290-HN HEATING NOZZLE TAURUS HN2 HEATING NOZZLE | OXY / LPG | 1 | 1 |
| HN3 | TAURUS HN3 HEATING NOZZLE | OXY / LPG | 1 | 1 |
| HN4 | TAURUS HN4 HEATING NOZZLE | OXY / LPG | 1 | 1 |
| HN5 | TAURUS HN5 HEATING NOZZLE | OXY / LPG | 1 | 1 |



TAURUS OXY-ACE HEATING TUBE & NOZZLES



NECK TUBE

TAURUS heating neck tube fits onto the TAURUS TYPE 2 MIXER and accommodate the AHT series of heavy-duty heating nozzles.



AHT-N HEATING NOZZLE

TAURUS AHT-N heating nozzles are designed for efficient, heavy-duty heating and its flames are ideal for metal-heating prior to welding or bending. The precision engineered and manufactured nozzles are designed to reduce the occurrence of flashbacks. Oxygen and Acetylene gas must be used.

| PRODUCT CODE | DESCRIPTION | GAS | PACKAGE | BULK |
|--------------|---|-----------|---------|------|
| AHT-HN | NECK TUBE EXTENTION AHT-HN | OXY / ACE | 1 | 1 |
| AHT-25N | AHT-N HEATING NOZZLE TAURUS AHT HEATING NOZZLE #25 | OXY / ACE | 1 | 1 |
| AHT-50N | TAURUS AHT HEATING NOZZLE #50 | OXY / ACE | 1 | 1 |
| AHT-100N | TAURUS AHT HEATING NOZZLE #100 | OXY / ACE | 1 | 1 |



TAURUS ANM & ANME 8290 CUTTING NOZZLES



These nozzles utilise the nozzle-mix principle whereby the fuel gas and preheated oxygen are kept separate right up to the nozzle and are only mixed once inside the the nozzle preheat orifices. The nozzle mixing process ensures that the volume of mixed gas is kept to the absolute minimum and thereby reduces the occurrence of a flashback. Nozzles are manufactured from copper for good heat dissipation and can be cleaned with a fine file. Orifices are cleaned using appropriate cleaners. The shape of the flame as well as the nozzle performance depend on sharp, square orifice edges.

TAURUS ANM and ANME CUTTING NOZZLES are three-seat nozzles and oxygen and acetylene are used. They are fitted onto the TAURUS UNIVERSAL CUTTING TORCH,TAURUS TYPE 2 CUTTING ATTACHMENT or the TAURUS STRAIGHT LINE CUTTER. These nozzles are presented in seven sizes and can cut material up to 300mm thick. ANME cutting nozzles are usually applied in automated cutting processes such as profile or straight line cutting. ANM cutting nozzles are usually applied when using handheld torches.

| PRODUCT CODE | DESCRIPTION | NOZZLE SIZE | MATERIAL THICKNESS (mm) | CUTTING SPEED (mm/min) | OXYGEN PRESSURE (kPa) | ACETYLENE PRESSURE (kPa) |
|--------------|------------------------------------|-------------|-------------------------|------------------------|-----------------------|--------------------------|
| ASNM-N | TAURUS ASNM SHEET METAL | - | 0.8 - 3 | - | - | - |
| ANM0.8 | TAURUS ANM 0.8 CUTTING NOZZLE 1/32 | 0.8 | 3 - 6 | 500 - 850 | 150 | 15 |
| ANM1.2 | TAURUS ANM 1.2 CUTTING NOZZLE 3/64 | 1.2 | 6 - 12 | 440 - 700 | 200 | 15 |
| ANM1.6 | TAURUS ANM 1.6 CUTTING NOZZLE 1/16 | 1.6 | 12 - 75 | 300 - 610 | 250 | 15 |
| ANM2.0 | TAURUS ANM 2.0 CUTTING NOZZLE 5/64 | 2.0 | 75 - 100 | 180 - 250 | 300 | 30 |
| ANM2.4 | TAURUS ANM 2.4 CUTTING NOZZLE 3/32 | 2.4 | 100 - 150 | 150 - 180 | 300 | 30 |
| ANM2.8 | TAURUS ANM 2.8 CUTTING NOZZLE 7/64 | 2.8 | 150 - 250 | 100 - 250 | 450 | 35 |
| ANM3.2 | TAURUS ANM 3.2 CUTTING NOZZLE 1/8 | 3.2 | 250 - 300 | 90 - 125 | 550 | 35 |

| PRODUCT CODE | DESCRIPTION | NOZZLE SIZE | MATERIAL THICKNESS | CUTTING SPEED (mm/min) | OXYGEN PRESSURE (kPa) | ACETYLENE PRESSURE (kPa) |
|--------------|-------------------------------------|-------------|--------------------|------------------------|-----------------------|--------------------------|
| ANME0.8 | TAURUS ANME 0.8 CUTTING NOZZLE 1/32 | 0.8 | 3 - 6 | 620 | 150 | 15 |
| ANME1.2 | TAURUS ANME 1.2 CUTTING NOZZLE 3/64 | 1.2 | 6 - 12 | 530 | 200 | 15 |
| ANME1.6 | TAURUS ANME 1.6 CUTTING NOZZLE 1/16 | 1.6 | 12 - 75 | 170 | 350 | 30 |
| ANME2.0 | TAURUS ANME 2.0 CUTTING NOZZLE 5/64 | 2.0 | 75 - 100 | 155 | 350 | 30 |
| ANME2.4 | TAURUS ANME 2.4 CUTTING NOZZLE 3/32 | 2.4 | 100 - 150 | 140 | 400 | 30 |
| ANME2.8 | TAURUS ANME 2.8 CUTTING NOZZLE 7/64 | 2.8 | 150 - 250 | 100 | 560 | 35 |
| ANME3.2 | TAURUS ANME 3.2 CUTTING NOZZLE 1/8 | 3.2 | 250 - 300 | 90 | 560 | 35 |



TAURUS PNM & PNME 8290 CUTTING NOZZLES



These nozzles utilise the nozzle-mix principle whereby the fuel gas and preheated oxygen are kept separate right up to the nozzle and are only mixed once inside the nozzle preheat orifices. The nozzle mixing process ensures that the volume of mixed gas is kept to the absolute minimum and thereby reduces the occurrence of a flashback. Nozzles are manufactured from copper for good heat dissipation and can be cleaned with a fine file. Orifices are cleaned using appropriate cleaners. The shape of the flame as well as the nozzle performance depend on sharp, square orifice edges.

TAURUS PNM and PNME CUTTING NOZZLES are three-seat nozzles and oxygen and acetylene are used. They are fitted onto the TAURUS UNIVERSAL CUTTING TORCH, TAURUS TYPE 2 CUTTING ATTACHMENT or the STRAIGHT LINE CUTTER. These nozzles are presented in seven sizes and can cut material up to 300mm thick. PNME cutting nozzles are usually applied in automated cutting processes such as profile or straight line cutting. PNM cutting nozzles are usually applied when using handheld torches.

| PRODUCT CODE | DESCRIPTION | NOZZLE SIZE | MATERIAL THICKNESS (mm) | CUTTING SPEED (mm/min) | OXYGEN PRESSURE (kPa) | ACETYLENE PRESSURE (kPa) |
|--------------|------------------------------------|-------------|-------------------------|------------------------|-----------------------|--------------------------|
| PNM0.8 | TAURUS PNM 0.8 CUTTING NOZZLE 1/32 | 0.8 | 3 - 6 | 460 | 150 | 20 |
| PNM1.2 | TAURUS PNM 1.2 CUTTING NOZZLE 3/64 | 1.2 | 6 - 12 | 400 | 200 | 20 |
| PNM1.6 | TAURUS PNM 1.6 CUTTING NOZZLE 1/16 | 1.6 | 12 - 75 | 160 | 350 | 35 |
| PNM2.0 | TAURUS PNM 2.0 CUTTING NOZZLE 5/64 | 2.0 | 75 - 100 | 155 | 350 | 40 |
| PNM2.4 | TAURUS PNM 2.4 CUTTING NOZZLE 3/32 | 2.4 | 100 - 150 | 140 | 400 | 40 |
| PNM2.8 | TAURUS PNM 2.8 CUTTING NOZZLE 7/64 | 2.8 | 150 - 250 | 100 | 560 | 50 |
| PNM3.2 | TAURUS PNM 3.2 CUTTING NOZZLE 1/8 | 3.2 | 250 - 300 | 90 | 560 | 60 |

| PRODUCT CODE | DESCRIPTION | NOZZLE SIZE | MATERIAL THICKNESS | CUTTING SPEED (mm/min) | OXYGEN PRESSURE (kPa) | ACETYLENE PRESSURE (kPa) |
|--------------|-------------------------------------|-------------|--------------------|------------------------|-----------------------|--------------------------|
| PNME0.8 | TAURUS PNME 0.8 CUTTING NOZZLE 1/32 | 0.8 | 3 - 6 | 460 | 150 | 20 |
| PNME1.2 | TAURUS PNME 1.2 CUTTING NOZZLE 3/64 | 1.2 | 6 - 12 | 400 | 200 | 20 |
| PNME1.6 | TAURUS PNME 1.6 CUTTING NOZZLE 1/16 | 1.6 | 12 - 75 | 160 | 350 | 35 |
| PNME2.0 | TAURUS PNME 2.0 CUTTING NOZZLE 5/64 | 2.0 | 75 - 100 | 155 | 350 | 40 |
| PNME2.4 | TAURUS PNME 2.4 CUTTING NOZZLE 3/32 | 2.4 | 100 - 150 | 140 | 400 | 40 |
| PNME2.8 | TAURUS PNME 2.8 CUTTING NOZZLE 7/64 | 2.8 | 150 - 250 | 100 | 560 | 50 |
| PNME3.2 | TAURUS PNME 3.2 CUTTING NOZZLE 1/8 | 3.2 | 250 - 300 | 90 | 560 | 60 |



TAURUS 2890 CUTTING NOZZLES



TIP MIX TIPS 2890-F – ACETYLENE FUEL GAS (F SERIES)

Taurus 2890-F series are screw-type cutting nozzles for use with oxygen and acetylene. They are available in seven sizes and, depending on the nozzle size and gas equipment can cut metal up to 200mm thick. These nozzles are compatible with the TAURUS MOD 28 cutting torch.

| PRODUCT CODE | DESCRIPTION | MATERIAL THICKNESS (mm) | OXYGEN PRESSURE (kPa) | ACETYLENE PRESSURE (kPa) |
|--------------|--------------------------|-------------------------|-----------------------|--------------------------|
| H0F | TAURUS OF CUTTING NOZZLE | 3 - 6 | 70 - 100 | 14 |
| H1F | TAURUS 1F CUTTING NOZZLE | 0 - 10 | 100 - 150 | 20 |
| H2F | TAURUS 2F CUTTING NOZZLE | 10 - 50 | 150 - 250 | 30 |
| H3F | TAURUS 3F CUTTING NOZZLE | 50 - 100 | 300 - 450 | 50 |
| H4F | TAURUS 4F CUTTING NOZZLE | 100 - 125 | 500 - 550 | 70 |
| H5F | TAURUS 5F CUTTING NOZZLE | 125 - 150 | 550 - 600 | 70 |
| H6F | TAURUS 6F CUTTING NOZZLE | 150 - 200 | 600 to 650 | 70 |



TAURUS 6290 CUTTING NOZZLES



6290-NX – LPG FUEL GAS (NX SERIES)

TAURUS NX nozzles are flat based, use oxygen and LPG and fit onto the TAURUS 62-3F cutting torches. Six sizes are available and depending on the nozzle size and gas equipment can cut metal up to 300mm thick.



6290-AC – ACETYLENE GAS (AC SERIES)

TAURUS AC nozzles are flat based, use oxygen and acetylene gas and fit onto the TAURUS 62-3F cutting torches. Six sizes are available and depending on the size and gas equipment, metal up to 300mm thick can be cut.

| PRODUCT CODE | DESCRIPTION | MATERIAL THICKNESS (mm) | OXYGEN PRESSURE (kPa) | LPG LOW PRESSURE (kPa) |
|--------------|-------------------------------------|-------------------------|-----------------------|------------------------|
| NX0 | TAURUS LPG NX 0 CUTTING NOZZLE-6290 | 10 - 15 | 200 - 300 | 1.5 - 20 |
| NX1 | TAURUS LPG NX 1 CUTTING NOZZLE-6290 | 15 - 25 | 250 - 350 | 1.5 - 20 |
| NX2 | TAURUS LPG NX 2 CUTTING NOZZLE-6290 | 25 - 50 | 300 - 400 | 1.5 - 20 |
| NX3 | TAURUS LPG NX 3 CUTTING NOZZLE-6290 | 50 - 75 | 300 - 450 | 1.5 - 20 |
| NX4 | TAURUS LPG NX 4 CUTTING NOZZLE-6290 | 75 - 150 | 350 - 550 | 1.5 - 20 |
| NX5 | TAURUS LPG NX 5 CUTTING NOZZLE-6290 | 150 - 200 | 450 - 550 | 1.5 - 20 |
| NX6 | TAURUS LPG NX 6 CUTTING NOZZLE-6290 | 200 - 300 | 500 - 650 | 1.5 - 20 |

| PRODUCT CODE | DESCRIPTION | MATERIAL THICKNESS (mm) | OXYGEN PRESSURE (kPa) | ACETYLENE LOW PRESSURE (kPa) |
|--------------|---------------------------------|-------------------------|-----------------------|------------------------------|
| AC-1 | TAURUS AC-1 CUTTING NOZZLE-6290 | 15 - 25 | 200 - 350 | 1.5 - 20 |
| AC-2 | TAURUS AC-2 CUTTING NOZZLE-6290 | 25 - 50 | 300 - 450 | 1.5 - 20 |
| AC-3 | TAURUS AC-3 CUTTING NOZZLE-6290 | 50 - 100 | 300 - 450 | 1.5 - 20 |
| AC-4 | TAURUS AC-4 CUTTING NOZZLE-6290 | 100 - 175 | 350 - 550 | 1.5 - 20 |
| AC-5 | TAURUS AC-5 CUTTING NOZZLE-6290 | 175 - 250 | 450 - 550 | 1.5 - 20 |
| AC-6 | TAURUS AC-6 CUTTING NOZZLE-6290 | 250 - 300 | 500 - 650 | 1.5 - 20 |



TAURUS BRAZING NOZZLES



BRAZING/WELDING NOZZLES

TAURUS brazing nozzles are used for welding and brazing with oxygen and acetylene. For safety the correct size nozzle must be used.



MK SERIES NOZZLES

TAURUS MK SERIES NOZZLES are available in 6 sizes. They are used for welding and brazing and are connected to a TYPE 2 MIXER AND SHANK.

DH SERIES NOZZLES (MINIPAK)

TAURUS DH SERIES NOZZLES are available in 5 sizes. They are used for welding and brazing and are connected to a light-weight MINIPAK shank.

| PRODUCT CODE | DESCRIPTION | MATERIAL THICKNESS (mm) | OXYGEN PRESSURE (kPa) | LPG LOW PRESSURE (kPa) |
|--------------|---------------------------------|-------------------------|-----------------------|------------------------|
| DH1-MP | TAURUS MINIPAK BRAZING NOZZLE 1 | 0.9 | 15 | 15 |
| DH2-MP | TAURUS MINIPAK BRAZING NOZZLE 2 | 1.2 | 15 | 15 |
| DH3-MP | TAURUS MINIPAK BRAZING NOZZLE 3 | 2.0 | 15 | 15 |
| DH5-MP | TAURUS MINIPAK BRAZING NOZZLE 5 | 2.6 | 15 | 15 |
| DH7-MP | TAURUS MINIPAK BRAZING NOZZLE 7 | 3.2 | 15 | 15 |

| PRODUCT CODE | DESCRIPTION | MATERIAL THICKNESS | OXYGEN PRESSURE (kPa) | ACETYLENE LOW PRESSURE (kPa) |
|--------------|-------------------------------------|--------------------|-----------------------|------------------------------|
| MK2-1 | TAURUS BRAZING NOZZLE MK2 SWAGED 1 | 0.9 | 15 | 15 |
| MK2-2 | TAURUS BRAZING NOZZLE MK2 SWAGED 2 | 1.2 | 15 | 15 |
| MK2-3 | TAURUS BRAZING NOZZLE MK2 SWAGED 3 | 2.0 | 15 | 15 |
| MK2-5 | TAURUS BRAZING NOZZLE MK2 SWAGED 5 | 2.6 | 15 | 15 |
| MK2-7 | TAURUS BRAZING NOZZLE MK2 SWAGED 7 | 3.2 | 15 | 15 |
| MK2-10 | TAURUS BRAZING NOZZLE MK2 SWAGED 10 | 4.0 | 20 | 20 |





Gas hoses are transporting agents for various gases from a regulated gas source to gas equipment. TAURUS gas hoses are high-quality items with a flame retardant, polyester yarn reinforced EPDM outer cover resistant to welding sparks and flames. It is weatherproof, can be used indoors as well as outdoors and will support pressures up to 20 bar. The inner black rubber lining for oxygen and acetylene gas is manufactured from the SBR compound whilst that for LPG is from the NBR compound. TAURUS gas hoses can be used safely for cutting, welding, brazing and heating applications.

OXYGEN / ACETYLENE / LPG HOSE SPECIFICATION (BS EN ISO 3821)

| DESCRIPTION | VALUE | DESCRIPTION | VALUE |
|----------------------------|-------------|--------------------------------------|------------------------|
| Hose internal diameter | 8 mm | Working temperature range | -30°C to +60°C |
| Rating | Normal duty | Tube material (LPG) | NBR |
| Maximum operating pressure | 2 MPa | Tube material (oxygen / acetylene) | SBR |
| Proof pressure | 4 MPa | Cover material | EPDM |
| Maximum burst pressure | 6 MPa | Hose reinforcement | Polyester textile yarn |

| PRODUCT CODE | DESCRIPTION | HOSE SIZE | INNER HOSE DIAMETER | GAS | PRESSURE |
|------------------------|---|-----------|---------------------|---------------|----------|
| <u>8MM HOSE</u> | | | | | |
| GW90150 | TAURUS GAS HOSE OXYGEN-8MM-BLUE | BLUE | 8mm | OXYGEN | 20MPa |
| GW90050 | TAURUS GAS HOSE ACETYLENE-8MM-RED | RED | 8mm | ACETYLENE | 20MPa |
| GW90200 | TAURUS GAS HOSE LPG-8MM-ORANGE | ORANGE | 8mm | LPG | 20MPa |
| GW90250 | TAURUS GAS HOSE PROPANE (EPDM)-8MM-ORANGE | ORANGE | 8mm | LPG / PROPANE | 20MPa |
| VAGT812PVC | TAURUS COMPRESSOR/ARGON HOSE-8MM-CLEAR | CLEAR | 8mm | AIR / ARGON | 800KPa |
| <u>6MM HOSE</u> | | | | | |
| GW90140 | TAURUS GAS HOSE OXYGEN-6MM-BLUE | BLUE | 6mm | OXYGEN | 20MPa |
| GW90040 | TAURUS GAS HOSE ACETYLENE-6MM-RED | RED | 6mm | ACETYLENE | 20MPa |
| VAGT811PVC | TAURUS COMPRESSOR/ARGON HOSE-6MM-CLEAR | CLEAR | 6mm | AIR / ARGON | 800KPa |



TAURUS INDUSTRIAL CYLINDER TROLLEYS



TAURUS industrial cylinder trolleys are robust and designed for heavy-duty use. Gas cylinders are chain-safely housed and the 200mm solid rubber wheels add to easy and smooth handling and movability.

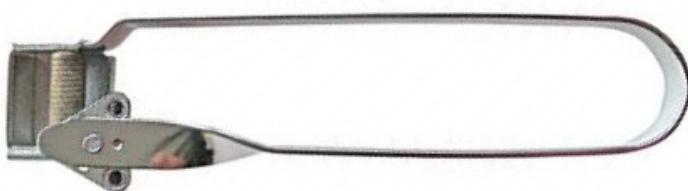
| PRODUCT CODE | DESCRIPTION | CYLINDER TYPE | MAXIMUM LOAD RATING | CYLINDER QUANTITY |
|--------------|---------------------------------|----------------|---------------------|-------------------|
| TROLLEY01 | TAURUS DOUBLE OXY & ACY TROLLEY | OXY & ACE | 225 KG | 2 |
| TROLLEY02 | TAURUS SINGLE 48KG LPG TROLLEY | 48KG LPG | 150 KG | 1 |
| TROLLEY03 | TAURUS DOUBLE LPG & OXY TROLLEY | OXY & 48KG LPG | 225 KG | 2 |
| TROLLEY04 | TAURUS SINGLE OXY & ACY TROLLEY | OXY / ACE | 150 KG | 1 |





NOZZLE CLEANER

The TAURUS nozzle cleaner is fitted with a selection of abrasive miniature wire brushes ranging from 0.8mm diameter to 3.2mm diameter. The set is encased in a strong aluminium container and includes a small file. The abrasive brushes remove carbon buildup and loosen slag from nozzles.



FLINT SPARK LIGHTER

The TAURUS triple-flint lighter creates a spark which ignites fuel gas from cutting, brazing or heating torches. The easy one-hand-prong-squeeze operation allows the grinding, long-lasting flint to spark. Once worn, the flint replacement is an easy operation. TAURUS triple flint refills are compatible with most other flint lighters.

| PRODUCT CODE | DESCRIPTION |
|--------------|---|
| TFL | <u>TRIPLE FLINT LIGHTER</u> TAURUS TRIPLE FLINT LIGHTER |
| TFS | <u>TRIPLE FLINT SPARE</u> |
| TC-09 | <u>NOZZLE CLEANER</u> TAURUS NOZZLE CLEANER |



TAURUS Y-PIECES WITH VALVES



The TAURUS Y-PIECE with valve fittings has a single-line inlet and dual-line outlet connectors allowing two hoses running from one gas regulator source. The dual outlet connection is fitted with two valves allowing independent control of each line.

| PRODUCT CODE | DESCRIPTION | INLET CONNECTION THREAD | OUTLET CONNECTION THREAD | GAS |
|--------------|-----------------------------------|-------------------------|--------------------------|----------------------|
| YP-ACY-3/8 | TAURUS ACY Y PIECE WITH VALVE 3/8 | 3/8" lh | 3/8" lh | ACETYLENE + LPG |
| YP-OXY-3/8 | TAURUS OXY Y PIECE WITH VALVE 3/8 | 3/8" rh | 3/8" rh | OXYGEN + ARGON + CO2 |





TAIL PIECES AND TAIL NUTS

TAURUS tail pieces and tail nuts, also known as nipples and tail nuts, are manufactured from high-quality brass. Their function as a set is to connect gas hoses to gas equipment such as torches, flashbacks and regulators. In order to avoid gas leaks it is important to ensure that matching tail pieces and tail nuts as well as the correct size nipples that fit the hose size, are used. Gas leaks can result in injury or death.

ADAPTORS

TAURUS adapters convert 3/8" thread to 9/16 thread and vice versa and allows connection of gas equipment with differing thread sizes.

| PRODUCT CODE | DESCRIPTION | CONNECTION THREAD | INLET THREAD | OUTLET THREAD |
|---|--|-------------------|--------------|---------------|
| TP8MM | <u>3/8" TAIL NUT AND TAIL PIECE</u> TAURUS TAILPIECE-8MM HOSE FOR 3/8 | 3/8" | - | - |
| TP6-8MM | TAURUS TAILPIECE FOR 6&8MM HOSE FOR 3/8 | 3/8" | - | - |
| 02NT | TAURUS NUT (3/8) -RH-OXYGEN | 3/8" rh | - | - |
| DANT | TAURUS NUT (3/8)-LH-ACETYLENE | 3/8" lh | - | - |
| <u>9/16" TAIL NUT AND TAIL PIECE</u> | | | | |
| TPHS | TAURUS TAILPIECE-8MM HOSE FOR 9/16 | 9/16" | - | - |
| TP6MM | TAURUS TAILPIECE-6MM HOSE FOR 9/16 | 9/16" | - | - |
| OXYNUT-HS | TAURUS NUT (9/16)-RH-OXYGEN | 9/16" rh | - | - |
| ACNUT-HS | TAURUS NUT (9/16)-LH-ACETYLENE | 9/16" lh | - | - |
| <u>ARGFLCR FLOWMETER NUT AND TAIL PIECE</u> | | | | |
| TPCR | TAURUS TAILPIECE FOR ARGFLCR FLOWMETER-6MM HOSE | - | - | - |
| CRNT | TAURUS NUT FOR ARGFLCR FLOWMETER | - | - | - |
| <u>ADAPTORS</u> | | | | |
| 237-065 | ACETYLENE ADAPTOR LH 3/8 TO 9/16 | - | 3/8" lh | 9/16" lh |
| 237-066 | OXYGEN ADAPTOR RH 3/8 TO 9/16 | - | 3/8" rh | 9/16" rh |
| 237-067 | ACETYLENE ADAPTOR LH 9/16 TO 3/8 | - | 9/16" lh | 3/8" lh |
| 237-068 | OXYGEN ADAPTOR RH 9/16 TO 3/8 | - | 9/16" rh | 3/8" rh |
| <u>HOSE JOINERS</u> | | | | |
| HOSE-CON | TAURUS 8MM HOSE JOINER | - | - | - |





O - CLAMPS

The Oetiker style clamp has two ears that needs to be crimped once the tail piece is connected to the gas hose. In order to reduce the risk of hose damage, the clamp edges are deburred. It is also considered to be a safer option to the traditional screw-type hose clamp. For safety reasons it is important that the correct size O-CLAMP is used for the hose size and that the clamp is securely crimped to the hose.

PARALLEL HOSE CLAMPS

Parallel hose clamps keep two gas hoses running together in parallel. A parallel clamp fitted every 750mm will keep the hoses neatly together and will prevent unnecessary damage.

| PRODUCT CODE | DESCRIPTION | HOSE SIZE | FASTEN TYPE |
|---|---|-----------|-------------|
| 02.30.501.2 | <u>CLAMPS FOR GAS HOSE</u> OETIKER CLAMP 13-15 - 2 EAR - 6MM HOSE | 6mm | CRIMP |
| 02.30.501.4 | OETIKER CLAMP 15-18 - 2 EAR - 8MM HOSE | 8mm | CRIMP |
| 02.30.501.6 | OETIKER CLAMP 17-20 - 2 EAR - 10MM HOSE | 10mm | CRIMP |
| <u>CLAMPS FOR TIG AND MIG TORCH HOSE</u> | | | |
| 02.30.501.5 | OETIKER CLAMP 9-11 - 2 EAR - 6MM HOSE | - | CRIMP |
| 02.30.501.1 | OETIKER CLAMP 9.5MM - 1 EAR WITH INSERT | - | CRIMP |
| 02.30.501.3 | OETIKER CLAMP 8.7MM - 1 EAR WITH INSERT | - | CRIMP |
| 02.30.501.7 | OETIKER CLAMP 8MM - 1 EAR WITH INSERT | - | CRIMP |
| <u>PARALLEL CLAMPS</u> | | | |
| PC01 | PARALLEL CLAMP-8MM | 8mm | CLIP-ON |



TAURUS REGULATOR CONNECTIONS & ADAPTORS



BULLNOSE NUTS AND STEMS

TAURUS bullnose nuts and stems are precision engineered and manufactured from high-quality brass. Resulting from disconnection and reconnection of regulators from and to gas cylinders, bullnose nuts and stems wear out over time. In order to ensure secure fitting of the regulator to the gas cylinder valve, the following check procedure should be followed:

- Threads should not be stripped or worn and the nut should screw in freely.
- The hexagonal edges of the bullnose nut should be sharp ensuring a secure spanner grip to tighten the nut.
- The stem should have no flaws or markings. If so, it will not fit flush in the cylinder valve resulting in gas leakage.

BULLNOSE NUT CYLINDER ADAPTOR

- CO2 to argon adapter allows the connection of an argon flow meter to a CO2 cylinder.

| PRODUCT CODE | DESCRIPTION | CONNECTION THREAD | REGULATOR |
|----------------------|---|-------------------------|-------------------------|
| <u>BN/02NUT</u> | <u>BULLNOSE NUT</u> TAURUS BULLNOSE NUT - OXYGEN | rh 5/8" BSP-M | 02REG |
| <u>BN/ACNUT</u> | TAURUS BULLNOSE NUT - ACETYLENE | lh 5/8" BSP-M | DAREG |
| <u>BNN001</u> | TAURUS BULLNOSE NUT - NITROGEN | rh 3/4" BSP-M | N2REG |
| <u>BN/CK01/02NUT</u> | TAURUS BULLNOSE NUT - CK01 - SINGLE STAGE REG - OXYGEN | rh 5/8" BSP-M | CK01-02REG |
| <u>BN/CK01/ACNUT</u> | TAURUS BULLNOSE NUT - CK01 - SINGLE STAGE REG - ACETYLENE | lh 5/8" BSP-M | CK01-DAREG |
| <u>BN/DS/02NUT</u> | TAURUS BULLNOSE NUT - DOUBLE STAGE REG - OXYGEN | rh 5/8" BSP-M | DS/02REG |
| <u>BN/DS/ACNUT</u> | TAURUS BULLNOSE NUT - DOUBLE STAGE REG - ACETYLENE | lh 5/8" BSP-M | DS/DAREG |
| <u>BN/STEM</u> | <u>BULLNOSE STEM</u> TAURUS BULLNOSE INLET - SINGLE STAGE REG-O2/AC | - | 02REG + DAREG + N2REG |
| <u>BN/DS/STEM</u> | TAURUS BULLNOSE INLET STEM - DOUBLE STAGE REG-O2/AC | - | DS/02REG + DS/DAREG |
| <u>BN/CK01/STEM</u> | TAURUS BULLNOSE INLET STEM - CK01 - SINGLE STAGE REG-O2/AC | - | CK01-02REG + CK01-DAREG |
| <u>CO2-ADAPTOR</u> | <u>BULLNOSE NUT ADAPTOR</u> CO2 TO ARGON ADAPTOR + WASHER | rh 0.86"-F TO rh 5/8"-F | ARGON |
| <u>BN/02STEM-MP</u> | <u>MINIPAK BULLNOSE NUT AND STEM</u> TAURUS MINIPAK BULLNOSE STEM - OXYGEN | - | MPO2REG |
| <u>BN/ACSTEM-MP</u> | TAURUS MINIPAK BULLNOSE STEM - ACETYLENE | - | MPDAREG |
| <u>BN/02NUT-MP</u> | TAURUS MINIPAK BULLNOSE NUT - OXYGEN | rh 11/16" | MPO2REG |
| <u>BN/ACNUT-MP</u> | TAURUS MINIPAK BULLNOSE NUT - ACETYLENE | lh 11/16" | MPDAREG |
| <u>BN/O2-KIT-MP</u> | TAURUS MINIPAK BULLNOSE NUT/STEM/O-RING - OXYGEN | - | MPO2REG |
| <u>BN/AC-KIT-MP</u> | TAURUS MINIPAK BULLNOSE NUT/STEM/O-RING - ACETYLENE | - | MPDAREG |
| <u>BN/O-MP</u> | TAURUS MINIPAK BULLNOSE O-RING - OXY/ACY | - | MPO2REG + MPDAREG |



TAURUS CUTTING TORCH NOZZLE NUTS



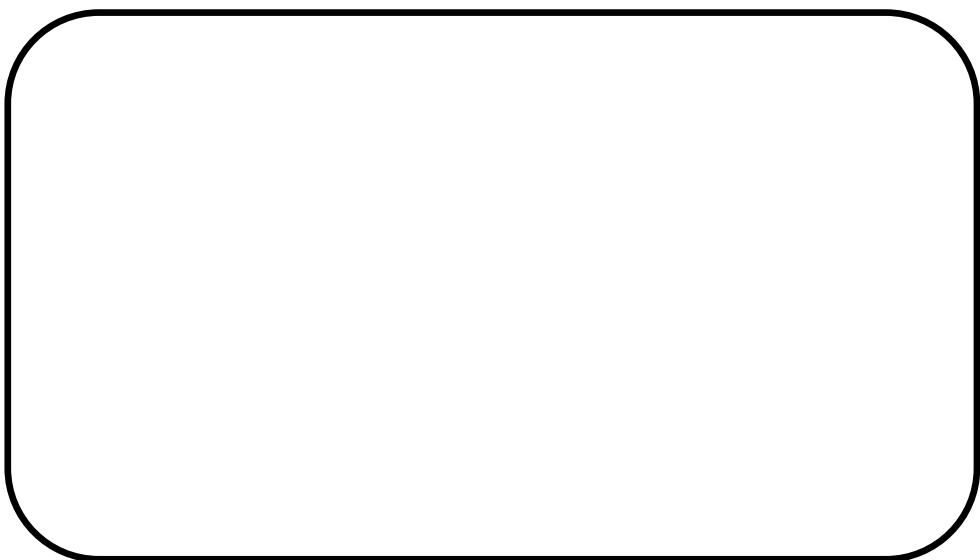
TYPE 2 AND UNIVERSAL CUTTING TORCH NUT

Replacement nozzle nut for the TYPE 2 and UNIVERSAL CUTTING TORCH.

| PRODUCT CODE | DESCRIPTION | TORCH |
|--------------|--|--------------------|
| CTT-HD-TN | TAURUS TIP NUT - UNIVERSAL CUTTING TORCH | UNIVERSAL + TYPE 2 |



GAS EQUIPMENT AND ACCESSORIES



BROCHURES AVAILABLE

SAFETY EQUIPMENT FOR PPE & ONSITE
WELDING EQUIPMENT & ACCESSORIES

GAS EQUIPMENT & ACCESSORIES

PLASMA TORCH & ACCESSORIES

WELDING & PLASMA MACHINES

MIG TORCH & ACCESSORIES

TIG TORCH & ACCESSORIES

WELDING CONSUMABLES