



CUTTING NOZZLE

MILLENIUM **Oxy-Burshane Cutting Nozzles** are of two piece design made up of a Pure Brass inner nozzle with splines and a hollow drawn Copper outer. First, turbulence must be created between the inner and outer parts of the nozzle to obtain adequate mixing of the Burshane and Oxygen. Secondly, the volume of mixed Oxy-Burshane needs to be more than double that of Oxy-Acetylene for the same usable heat. This is achieved by having very large channels (the splines) to conduct the greater gas volumes.

Sizes available 1/32, 3/64, 1/16, 5/64, 3/32, 7/64, 1/8

MILLENIUM **Oxy-Acetylene Cutting Nozzles** are manufactured from Pure Copper and are of solid, one piece drawn construction. This technology provides the best conditions for a high velocity gas such as Acetylene and enhances stability and cutting efficiency. The seats of A Type nozzles are diamond turned to guarantee "metal to metal" seal with the blowpipe head. This is essential to ensure no head seat leaks, thereby reducing backfire risks.

Sizes available 1/32, 3/64, 1/16, 5/64, 3/32, 7/64, 1/8

MILLENIUM **Oxy-Burshane Cutting Nozzles** are of two piece design made up of a Gun Metal inner and a hollow drawn copper outer with Chrome plated for more effective working.

First, turbulence must be created between the inner and outer parts of the nozzle to obtain adequate mixing of the Burshane and Oxygen. Secondly, the volume of mixed Oxy-Burshane needs to be more than double that of Oxy-Acetylene for the same usable heat. This is achieved by having very large channels (the splines) to conduct the greater gas volumes.

Sizes available 1/32, 3/64, 1/16, 5/64, 3/32, 7/64, 1/8

MILLENIUM **PNME Series Cutting Nozzles** are of two piece design made up of brass inner nozzle with splines and a hollow drawn copper outer. The reason that PNME differ from ANME is that different gas mixing criteria apply. Oxy-propane has a lower burning velocity than Oxy-Acetylene and this requires two things to develop good flame. First, turbulence must be created between the inner and outer parts of the nozzle to obtain adequate mixing of the propane and oxygen. Secondly, the volume of mixed Oxy-Propane needs to be more than double that of Oxy-Acetylene for the same usable heat. This is achieved by having very large channels (the splines) to conduct the greater gas volumes.

Sizes available 1/32, 3/64, 1/16, 5/64, 3/32, 7/64, 1/8



MILLENIUM ANME Series Nutting Nozzles are manufactured from Pure Copper and are of solid, one piece drawn construction. This technology provides the best conditions for a high velocity gas such as acetylene and enhances stability and cutting efficiency. The seats of ANME nozzles are diamond turned to guarantee "metal to metal" seal with the blowpipe head. This is essential to ensure no head seat leaks thereby reducing backfire risks.

Sizes available 1/32, 3/64, 1/16, 5/64, 3/32, 7/64, 1/8



MILLENIUM Oxy-Burshane Cutting Nozzles are of two piece design made up of a copper inner nozzle with splines and a hollow drawn copper outer. First, turbulence must be created between the inner and outer parts of the nozzle to obtain adequate mixing of the Burshane and Oxygen. Secondly, the volume of mixed Oxy-Burshane needs to be more than double that of Oxy-Acetylene for the same usable heat. This is achieved by having very large channels (the splines) to conduct the greater gas volumes.

Sizes available 1/32, 3/64, 1/16, 5/64, 3/32, 7/64, 1/8



REGULATORS

LPG

REGULATORS

PRESSURE CHART

Gas	Inlet Pressure (Max.)	Outlet Pressure (Max.)
Oxygen	250 bar	16 bar
DA	40 bar	2.8 bar
Argon	250 bar	16 bar
CO2	250 bar	16 bar
Nitrogen	250 bar	16 bar
Hydrogen	250 bar	16 bar
LPG	16 bar	2.8 bar



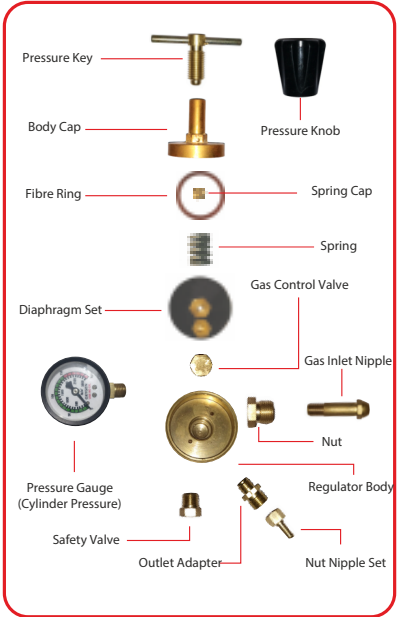
Available in 22mm and 25mm Cylinder Valve



PRESSURE REGULATORS

SINGLE STAGE

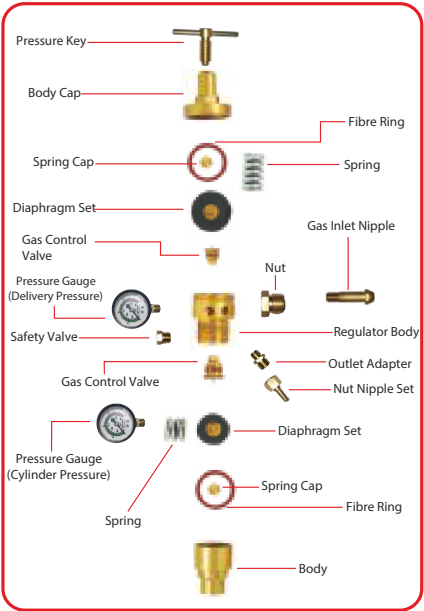
Single Stage Regulators are suitable for cutting, welding and heating process. In this series, single gauge (Shows only inlet pressure) and double gauge (shows both inlet and outlet pressure). (We Also Manufacture Heavy weight Regulators as per Enquiry)



PRESSURE REGULATORS

DOUBLE STAGE

Double Stage Regulators are suitable for gas cutting, welding, brazing and heating process. Double Stage Pressure Regulators minimise the chances of accident and ensure a greater life of diaphragms. Also outlet pressure is more accurate as compared to single stage because total pressure drops in double stages. In the First stage pressure is fixed and in the second stage it can be regulated by pressure key.



Available :
 OXYGEN, ACETYLENE(DA), ARGON, CARBON DIOXIDE(Co2), NITROGEN, HYDROGEN

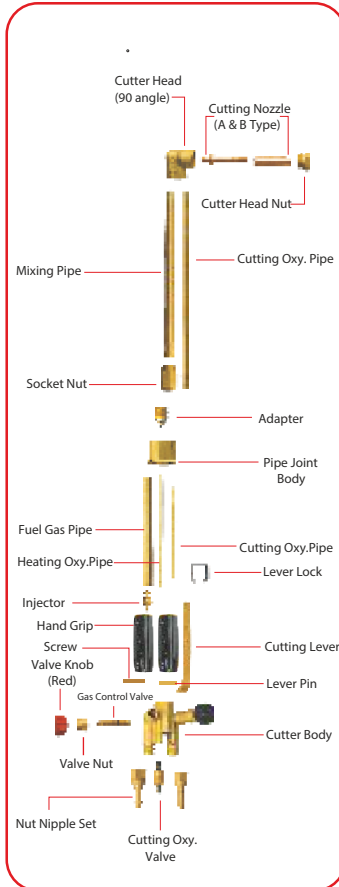
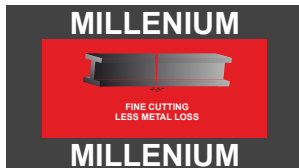
MANUAL BLOW PIPE

(GAS CUTTER)

This is a well balanced gas cutting blow pipe for versatile applications using oxygen/acetylene/lpg gases.

This is an injection type torch for oxygen acetylene cutting. Plastic handle is for safe grip while using it.

Take attention to the operation instruction before you use it.



Longer lengths also available



Features :

1. BODY: Forged Brass Material
2. HEAD: Forged Brass Material
3. Control Knob: Brass extruded Spindle are used for longer life
4. Fuel Gas Used: Oxygen, Acetylene/LPG
5. Head Angle: 90 Degree
6. Length : 500mm
7. Weight : 1.650 Kg (aprox) Lower fatigue to operate due to its light weight
8. Thermocol Packing to avoid Damages to the product.

Also Available in Straight Head
Also Available in Casting Material



GAS WELDING TORCH

(BRAZING TORCH)

This is a well balanced gas cutting blow pipe for versatile applications using oxygen/acetylene/lpg gases.

This is an injection type torch for oxygen acetylene cutting.

Plastic handle is for safe grip while using it.

Take attention to the operation instruction before you use it.



Features :

1. Body : Forged Brass Material.
2. Stainless Steel Valves for proper connection of seat.
3. Four Copper Tips with various sizes to give you option for accurate working.
4. Fuel Gas Used: Oxygen, Acetylene/LPG.
5. Blister Packing.

Available in Swagged Type also

FLASHBACK

ARRESTOR

Flashback Arrestors are used to protect cylinders outlet points or pipelines and can be used for almost all technical gases. By combination of establishment elements flash arrestor provides protection against backfires. flashback arrestor also prevents the formation of dangerous gas mixtures within the pipeline.

Available for Cutters, Torch and Gas Pressure Regulators.



MIG TORCHES

Gas metal arc welding (GMAW) sometimes referred to its subtypes metal inert gas (MIG) welding or metal active gas (MAG) welding is a welding process in which an electric arc forms between a consumable MIG wire electrode and the workpiece metal(s), which heats the workpiece metal(s), causing them to melt and join.



All types of Mig Torches Available (24KD, 36KD, Panasonic 350 Etc)

MIG TORCH SPARE PARTS

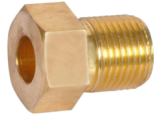




SPARE PARTS



Square Cylinder Nut



Hex. Cylinder Nut
(100gms)



Hex. Cylinder Nut
(70gms)



Hex. Cylinder Nut
(50gms)



Co2 Nut Nipple



Nut Nipple



Outlet



Hose Connector



Pressure Key



Pressure Key Knob



Bull Nose Nipple



Valve Pin



Diaphragm



Pressure Gauge



Cutter Head



Cutter Head



Safety Goggles



B Type
Cutting
Nozzle



B Type
Cutting
Nozzle
(Chrome)



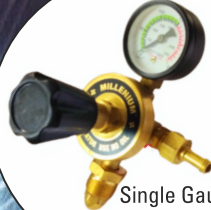
A Type
Cutting
Nozzle



PNME Type
Cutting
Nozzle



Double Gauge
Regulator



Single Gauge
Regulator



LPG Gauge
Regulator



LPG Regulator



Two Stage
Regulator



Mig Torch



Gas Cutter



Welding Torch