

TAURUS PNM AND PNME CUTTING NOZZLES

Description

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 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.

TAURUS PNM CUTTING NOZZLES

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

TAURUS PNME CUTTING NOZZLES

PRODUCT CODE	NOZZLE SIZE	MATERIAL THICKNESS (mm)	CUTTING SPEED (mm/min)	OXYGEN PRESSURE (kPA)	LPG PRESSURE (kPA)

PNME0.8	0.8mm – 1/32?	3 – 6	460	150	20
PNME1.2	1.2mm – 3/64?	6 – 12	400	200	20
PNME1.6	1.6mm – 1/16?	12 – 75	160	350	35
PNME2.0	2.0mm – 5/64?	75 – 100	155	350	40
PNME2.4	2.4mm – 3/32?	100 – 150	140	400	40
PNME2.8	2.8mm – 7/64?	150 – 250	100	560	50
PNME3.2	3.2mm – 1/8?	250 – 300	90	560	60

Product Category

1. Gas Equipment
2. Torch Nozzles

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