

TAURUS ANM AND ANME 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 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.

TAURUS ANM CUTTING NOZZLES

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

TAURUS ANME CUTTING NOZZLES

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

ANME0.8	0.8mm – 1/32?	3 – 6	500 – 850	150	15
ANME1.2	1.2mm – 3/64?	6 – 12	440 – 700	200	15
ANME1.6	1.6mm – 1/16?	12 – 75	300 – 610	250	15
ANME2.0	2.0mm – 5/64?	75 – 100	180 – 250	300	30
ANME2.4	2.4mm – 3/32?	100 – 150	150 – 180	300	30
ANME2.8	2.8mm – 7/64?	150 – 250	100 – 250	450	35
ANME3.2	3.2mm – 1/8?	250 – 300	90 – 125	550	35

Product Category

1. Gas Equipment
2. Torch Nozzles

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