

# HOT NOZZLES

This unique high-pressure oxygen series was specially developed for quick separation of the steel products from the strand and for high productivity during secondary slitting and sub-dividing operations. With regards to the crucial factor of cutting speed, the patented AMT Gega HOT nozzle assumes a leading role in global comparison, enabling significantly shortened work cycles.

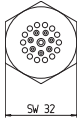



## CUTTING THICKNESS RANGE

mm	HOT 26 1S	HOT 30 1S
0		
100		
200		
300		
400		
500		
600		
700		
800		

## MAIN CHARACTERISTICS

Nozzle distance range	120 mm – 165 mm
Oxygen pressure range	27 – 30.5 bar
Gas pressure range	0.8 – 2 bar

	HOT 26 1S	HOT 30 1S
		
ITEM NO.	108172	108173
CUTTING THICKNESS RANGE (mm)	100 – 300	100 – 300
NOZZLE DISTANCE (mm)	120 – 165	120 – 165
<b>CONSUMPTION (Nm³/h)</b>		
Heating oxygen flow by natural gas	19	19
Gas flow by natural gas	21	21
Heating oxygen flow by propan gas	19	19
Gas flow by propan gas	9	9
Heating oxygen flow by coke oven gas	22	22
Gas flow by coke oven gas	31	31
Cutting oxygen flow	58	74
<b>PRESSURE CUTTING (bar)</b>		
Heating oxygen pressure by natural gas	2.5	2.5
Gas pressure by natural gas	1.5	1.5
Heating oxygen pressure by propan gas	2.5	2.5
Gas pressure by propan gas	0.8	0.8
Heating oxygen pressure by coke oven gas	3	3
Gas pressure by coke oven gas	2	2
Cutting oxygen pressure	27	30.5
<b>APPLICABLE CUTTING TORCHES</b>		
HOBS 1S	+	+
SPANNER WIDTH	SW 32	SW 32