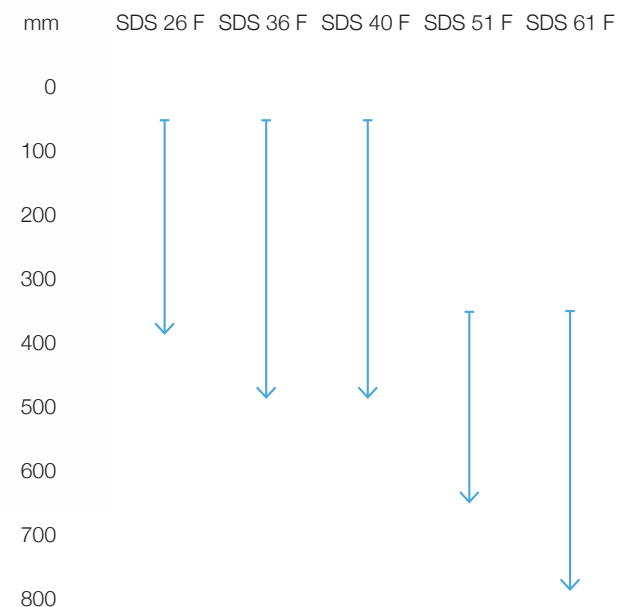


# SDS F NOZZLES

The SDS F series includes the most successful cutting nozzles of the AMT group. They impress with their high reliability and low media consumption in daily use in steel works. The high nozzle distance above the slab guarantees low wear and subsequently longer life span.


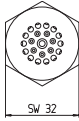
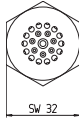
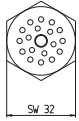
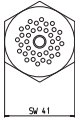


## CUTTING THICKNESS RANGE



## MAIN CHARACTERISTICS

Nozzle distance range	120 mm – 165 mm
Oxygen pressure range	8 – 15 bar
Gas pressure range	0.6 – 2 bar

	SDS 26 F	SDS 36 F	SDS 40 F	SDS 51 F	SDS 61 F
					
<b>ITEM NO.</b>	<b>108183</b>	<b>106567</b>	<b>108187</b>	<b>108188</b>	<b>111951</b>
<b>CUTTING THICKNESS RANGE (mm)</b>	50-400	50-500	50-500	350-650	350-800
<b>NOZZLE DISTANCE (mm)</b>	120-165	120-165	120-165	120-165	120-165
<b>CONSUMPTION (Nm<sup>3</sup>/h)</b>					
Heating oxygen flow by natural gas	19	19	19	12	24
Gas flow by natural gas	21	21	21	25	36
Heating oxygen flow by propan gas	19	19	19	12	24
Gas flow by propan gas	9	9	9	10	14
Heating oxygen flow by coke oven gas	22	22	22	17	31
Gas flow by coke oven gas	31	31	31	30	42
Cutting oxygen flow	52	58	64	84	124
<b>PRESSURE CUTTING (bar)</b>					
Heating oxygen pressure by natural gas	2.5	2.5	2.5	1.7	2.2
Gas pressure by natural gas	1.5	1.5	1.5	1.4	1.3
Heating oxygen pressure by propan gas	2.5	2.5	2.5	1.7	2.2
Gas pressure by propan gas	0.8	0.8	0.8	0.7	0.6
Heating oxygen pressure by coke oven gas	3	3	3	1.9	2.8
Gas pressure by coke oven gas	2	2	2	1.5	1.8
Cutting oxygen pressure	15	10	9	8	9
<b>APPLICABLE CUTTING TORCHES</b>					
SBK 500 F	+	+	+	+	
SB 500 F	+	+	+	+	
SB 800 F					+
SHBA - M F	+	+	+	+	
SHBS - M F	+	+	+	+	
SHBS - MS F	+	+	+	+	
SHBA - MS F	+	+	+	+	
<b>SPANNER WIDTH</b>	SW 32	SW 32	SW 32	SW 32	SW 41