

SDS FB NOZZLES

The SDS FB series is a special application for plate cutting within the SDS family. Cut material thicknesses of 10 to 220 millimetres optimally with this distinct cutting nozzle. By adjusting the pre-heating, edge melting on the cutting surface is reduced.



CUTTING THICKNESS RANGE

mm	SDS 18 FB	SDS 23 FB	SDS 30 FB
0	↓		
100		↓	
200			↓
300			
400			
500			
600			
700			
800			

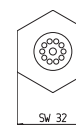
MAIN CHARACTERISTICS

Nozzle distance range	10mm – 15mm
Oxygen pressure range	4 – 11 bar
Gas pressure range	0.1 – 0.6bar

SDS 18 FB

SDS 23 FB

SDS 30 FB



ITEM NO.	110476	109421	110477
CUTTING THICKNESS RANGE (mm)	10 – 40	40 – 150	140 – 220
NOZZLE DISTANCE (mm)	10 – 15	10 – 15	10 – 15
CONSUMPTION (Nm³/h)			
Heating oxygen flow by natural gas	3.9	3.9 – 7	3.4 – 5.1
Gas flow by natural gas	3.4	3.4 – 10	4.1 – 9.3
Cutting oxygen flow	6.8 – 8	14.6 – 25	24.4 – 39.1
PRESSURE CUTTING (bar)			
Heating oxygen pressure by natural gas	0.3	0.3 – 0.8	0.3 – 0.7
Gas pressure by natural gas	0.1	0.1 – 0.6	0.1 – 0.5
Cutting oxygen pressure	4 – 7	6 – 11	6 – 10
APPLICABLE CUTTING TORCHES			
SBK 500 F	+	+	+
SB 500 F	+	+	+
SPANNER WIDTH	SW 32	SW 32	SW 32