

DERC Runner Nozzle

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FAST DELIVERY



PERFECT 360° CLEANING OF HEAT EXCHANGERS

The DERC Runner Nozzle is a rotating tube cleaning nozzle designed for cleaning heat exchanger tubes, with a maximum working pressure of 1500 bar/22K PSI.

Four Sizes

The Runner Nozzle comes in 4 available sizes: Ø 10 mm, Ø 13 mm, Ø 18 mm and Ø 24 mm.

Three Types of Nozzle Heads

The Runner Nozzle is available with standard, unplugging and polisher nozzle heads to remove hard plugs or scales.



FEATURES

- High efficiency jets, recessed drilled
- Uniquely shaped nozzle head for improved cleaning & unplugging
- Standard, polisher or unplugging nozzle head
- Patented design
- Hardened body
- Metric wrench flats
- Hardened inlet cover to improve mechanical wear and tear
- Various connections

APPLICATION

- Cleaning heat exchanger tubes
- Cleaning evaporator tubes
- Cleaning tubes and pipes

RUNNER 10 - DIAMETER Ø 10 MM - LENGTH 60 MM

Connection	Max. Pressure	Part No.
M7x1 - Female	1500 bar / 22K	RUN10-M7F-3
5/16" UNF - Male (65mm)	1500 bar / 22K	RUN10-516M-3
1/16" NPT - Female	1000 bar / 15K	RUN10-116NF-3
1/4" UNF LH - Female	1500 bar / 22K	RUN10-M4LF-3
1/4" UNF RH - Female	1500 bar / 22K	RUN10-M4RF-3

RUNNER 13 - DIAMETER Ø 13 MM - LENGTH 75 MM

Connection	Max. Pressure	Part No.
1/8" BSP - Female	1500 bar / 22K	RUN13-18F-3
1/8" NPT - Female	1000 bar / 15K	RUN13-18NF-3
3/8" UNF LH - Female	1500 bar / 22K	RUN13-M6LF-3
3/8" UNF RH - Female	1500 bar / 22K	RUN13-M6RF-3

RUNNER 18 - DIAMETER Ø 18 MM - LENGTH 101 MM

Connection	Max. Pressure	Part No.
1/4" BSP - Female	1500 bar / 22K	RUN18-14F-2
1/4" NPT - Female	1000 bar / 15K	RUN18-14NF-2
9/16" UNF LH - Female	1500 bar / 22K	RUN18-M9LF-2
9/16" UNF RH - Female	1500 bar / 22K	RUN18-M9RF-2

RUNNER 24 - DIAMETER Ø 24 MM - LENGTH 134 MM

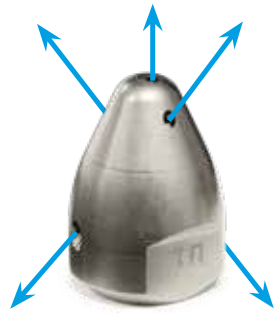
Connection	Max. Pressure	Part No.
3/8" BSP - Female	1500 bar / 22K	RUN24-38F
3/8" NPT - Female	1000 bar / 15K	RUN24-38NF
9/16" UNF LH - Female	1500 bar / 22K	RUN24-M9LF
9/16" UNF RH - Female	1500 bar / 22K	RUN24-M9RF

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RUNNER 10			
Part No.	Type	Max. Pressure	Flow
RUN10-025B-S1	Standard	1000-1500 bar / 15-22K	24-30 lpm / 6.5-8 gpm
RUN10-025B-U1	Unplugger	700-1000 bar / 10-15K	19-23 lpm / 5-6 gpm
RUN10-025B-U2	Unplugger	1000-1500 bar / 15-22K	21-25 lpm / 5.5-6.5 gpm
RUN10-025B-P1	Polisher	700-1000 bar / 10-15K	17-21 lpm / 4.5-5.5 gpm
RUN10-025B-P2	Polisher	1000-1500 bar / 15-22K	19-23 lpm / 5-6 gpm
RUNNER 13			
Part No.	Type	Max. Pressure	Flow
RUN13-025B-S1	Standard	700-1000 bar / 10-15K	30-38 lpm / 8-10 gpm
RUN13-025B-S3	Standard	1000-1500 bar / 15-22K	30-38 lpm / 8-10 gpm
RUN13-025B-U1	Unplugger	700-1000 bar / 10-15K	27-34 lpm / 7-9 gpm
RUN13-025B-U3	Unplugger	1000-1500 bar / 15-22K	27-34 lpm / 7-9 gpm
RUN13-025B-P1	Polisher	700-1000 bar / 10-15K	27-34 lpm / 7-9 gpm
RUN13-025B-P3	Polisher	1000-1500 bar / 15-22K	27-34 lpm / 7-9 gpm
RUNNER 18			
Part No.	Type	Max. Pressure	Flow
RUN18-025B-S1	Standard	700-1000 bar / 10-15K	42-53 lpm / 11-14 gpm
RUN18-025B-S2	Standard	700-1000 bar / 10-15K	30-38 lpm / 8-10 gpm
RUN18-025B-S3	Standard	700-1000 bar / 10-15K	42-53 lpm / 11-14 gpm
RUN18-025B-S4	Standard	1000-1500 bar / 15-22K	26-32 lpm / 7-8.5 gpm
RUN18-025B-S5	Standard	1000-1500 bar / 15-22K	30-38 lpm / 8-10 gpm



STANDARD HEAD



UNPLUGGER HEAD



POLISHER HEAD

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RUNNER 18			
Part No.	Type	Max. Pressure	Flow
RUN18-025B-U1	Unplugger	700-1000 bar / 10-15K	42-53 lpm / 11-14 gpm
RUN18-025B-U2	Unplugger	700-1000 bar / 10-15K	30-38 lpm / 8-10 gpm
RUN18-025B-U3	Unplugger	1000-1500 bar / 15-22K	42-53 lpm / 11-14 gpm
RUN18-025B-U4	Unplugger	1000-1500 bar / 15-22K	30-38 lpm / 8-10 gpm
RUN18-025B-P1	Polisher	700-1000 bar / 10-15K	42-53 lpm / 11-14 gpm
RUN18-025B-P2	Polisher	700-1000 bar / 10-15K	30-38 lpm / 8-10 gpm
RUN18-025B-P3	Polisher	1000-1500 bar / 15-22K	42-53 lpm / 11-14 gpm
RUN18-025B-P4	Polisher	1000-1500 bar / 15-22K	30-38 lpm / 8-10 gpm
RUNNER 24			
Part No.	Type	Max. Pressure	Flow
RUN24-025B-P1	Polisher	700-1000 bar / 10-15K	76-95 lpm / 20-25 gpm
RUN24-025B-P2	Polisher	700-1000 bar / 10-15K	57-72 lpm / 15-19 gpm
RUN24-025B-P3	Polisher	700-1000 bar / 10-15K	45-53 lpm / 12-14 gpm
RUN24-025B-P4	Polisher	1000-1500 bar / 15-22K	68-80 lpm / 18-21 gpm
RUN24-025B-P5	Polisher	1000-1500 bar / 15-22K	57-64 lpm / 15-17 gpm
RUN24-025B-P6	Polisher	1000-1500 bar / 15-22K	45-53 lpm / 12-14 gpm
RUN24-025B-S1	Standard	700-1000 bar / 10-15K	76-95 lpm / 20-25 gpm
RUN24-025B-S2	Standard	700-1000 bar / 10-15K	57-72 lpm / 15-19 gpm
RUN24-025B-S3	Standard	700-1000 bar / 10-15K	45-53 lpm / 12-14 gpm
RUN24-025B-S4	Standard	1000-1500 bar / 15-22K	68-80 lpm / 18-21 gpm
RUN24-025B-S5	Standard	1000-1500 bar / 15-22K	57-64 lpm / 15-17 gpm
RUN24-025B-S6	Standard	1000-1500 bar / 15-22K	45-53 lpm / 12-14 gpm
RUN24-025B-U1	Unplugger	700-1000 bar / 10-15K	76-95 lpm / 20-25 gpm
RUN24-025B-U2	Unplugger	700-1000 bar / 10-15K	57-72 lpm / 15-19 gpm
RUN24-025B-U3	Unplugger	700-1000 bar / 10-15K	45-53 lpm / 12-14 gpm
RUN24-025B-U4	Unplugger	1000-1500 bar / 15-22K	68-80 lpm / 18-21 gpm
RUN24-025B-U5	Unplugger	1000-1500 bar / 15-22K	57-64 lpm / 15-17 gpm
RUN24-025B-U6	Unplugger	1000-1500 bar / 15-22K	45-53 lpm / 12-14 gpm