

PART NUMBER	TYPE	MAX WORKING PRESSURE	FLOW
Runner 10			
RUN10-015-S1	Standard	1000-1500 bar / 15-22K	24-30 lpm / 6,5-8 gpm
RUN10-015-U1	Unplugger	700-1000 bar / 10-15K	19-23 lpm / 5-6 gpm
RUN10-015-U2	Unplugger	1000-1500 bar / 15-22K	21-25 lpm / 5.5-6.5 gpm
RUN10-015-P1	Polisher	700-1000 bar / 10-15K	17-21 lpm / 4.5-5.5 gpm
RUN10-015-P2	Polisher	1000-1500 bar / 15-22K	19-23 lpm / 5-6 gpm
Runner 13			
RUN13-015-S1	Standard	700-1000 bar / 10-15K	30-38 lpm / 8-10 gpm
RUN13-015-S3	Standard	1000-1500 bar / 15-22K	30-38 lpm / 8-10 gpm
RUN13-015-U1	Unplugger	700-1000 bar / 10-15K	27-34 lpm / 7-9 gpm
RUN13-015-U3	Unplugger	1000-1500 bar / 15-22K	27-34 lpm / 7-9 gpm
RUN13-015-P1	Polisher	700-1000 bar / 10-15K	27-34 lpm / 7-9 gpm
RUN13-015-P3	Polisher	1000-1500 bar / 15-22K	27-34 lpm / 7-9 gpm
Runner 18			
RUN18-015-S1	Standard	700-1000 bar / 10-15K	42-53 lpm / 11-14 gpm
RUN18-015-S2	Standard	700-1000 bar / 10-15K	30-38 lpm / 8-10 gpm
RUN18-015-S3	Standard	1000-1500 bar / 15-22K	42-53 lpm / 11-14 gpm
RUN18-015-U1	Unplugger	700-1000 bar / 10-15K	42-53 lpm / 11-14 gpm
RUN18-015-U2	Unplugger	700-1000 bar / 10-15K	30-38 lpm / 8-10 gpm
RUN18-015-U3	Unplugger	1000-1500 bar / 15-22K	42-53 lpm / 11-14 gpm
RUN18-015-U4	Unplugger	1000-1500 bar / 15-22K	30-38 lpm / 8-10 gpm
RUN18-015-P1	Polisher	700-1000 bar / 10-15K	42-53 lpm / 11-14 gpm
RUN18-015-P2	Polisher	700-1000 bar / 10-15K	30-38 lpm / 8-10 gpm
RUN18-015-P3	Polisher	1000-1500 bar / 15-22K	42-53 lpm / 11-14 gpm
RUN18-015-P4	Polisher	1000-1500 bar / 15-22K	30-38 lpm / 8-10 gpm
Runner 24			
RUN24-015-P1	Polisher	700-1000 bar / 10-15K	76-95 lpm / 20-25 gpm
RUN24-015-P2	Polisher	700-1000 bar / 10-15K	57-72 lpm / 15-19 gpm
RUN24-015-P3	Polisher	700-1000 bar / 10-15K	45-53 lpm / 12-14 gpm
RUN24-015-P4	Polisher	1000-1500 bar / 15-22K	68-80 lpm / 18-21 gpm
RUN24-015-P5	Polisher	1000-1500 bar / 15-22K	57-64 lpm / 15-17 gpm
RUN24-015-P6	Polisher	1000-1500 bar / 15-22K	45-53 lpm / 12-14 gpm
RUN24-015-S1	Standard	700-1000 bar / 10-15K	76-95 lpm / 20-25 gpm
RUN24-015-S2	Standard	700-1000 bar / 10-15K	57-72 lpm / 15-19 gpm
RUN24-015-S3	Standard	700-1000 bar / 10-15K	45-53 lpm / 12-14 gpm
RUN24-015-S4	Standard	1000-1500 bar / 15-22K	68-80 lpm / 18-21 gpm
RUN24-015-S5	Standard	1000-1500 bar / 15-22K	57-64 lpm / 15-17 gpm
RUN24-015-S6	Standard	1000-1500 bar / 15-22K	45-53 lpm / 12-14 gpm



DERC Runner Nozzle

- + PATENT PENDING
- + UNIQUE DESIGN
- + UNPLUGGING OR POLISHING
- + MAX. WORKING PRESSURE 1500 BAR

**MADE BY
DERC**

DERC SALOTECH - ORIGINAL EQUIPMENT MANUFACTURER AND SUPPLIER OF INNOVATIVE HIGH PRESSURE WATER JETTING SOLUTIONS, AUTOMATED EQUIPMENT AND ACCESSORIES. WE PROVIDE STATE OF THE ART KNOWLEDGE AND SERVICES.

DERC Runner Nozzle

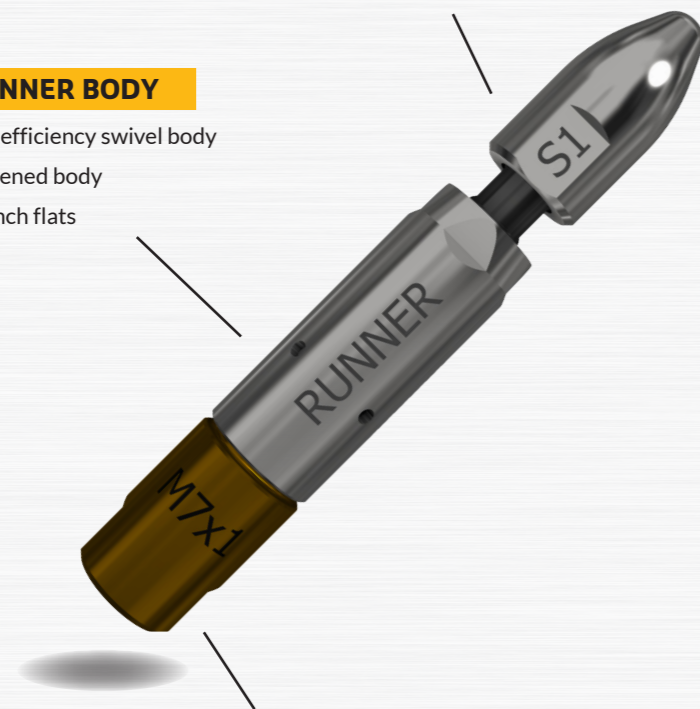
The DERC Runner Nozzle is a rotating tube cleaning nozzle, designed for cleaning heat exchanger tubes. The DERC Runner Nozzle has a maximum working pressure of 1500 bar and is available with various nozzle heads to remove hard plugs or scales.

1. BULLET HEAD

- > High efficiency jets, recessed drilled
- > Uniquely shaped nozzle head for improved cleaning & unplugging
- > Available as Standard, Polisher or Unplugging head

2. RUNNER BODY

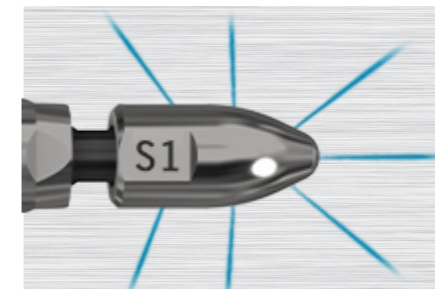
- > High efficiency swivel body
- > Hardened body
- > Wrench flats



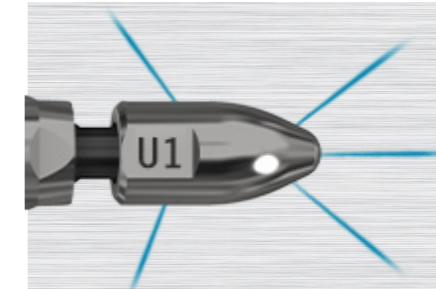
3. INLET COVER

- > Hardened inlet cover to improve mechanical wear/ tear
- > Various connections

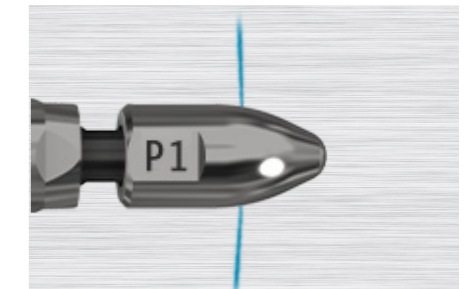
DERC RUNNER NOZZLE HEADS



STANDARD HEAD (S)



UNPLUGGER HEAD (U)



POLISHER HEAD (P)

* Custom design configurations available on request.

DERC RUNNER NOZZLE

SPECIFICATIONS

CONNECTION	MAX. PRESSURE	PART NO.
Runner 10 - Diameter Ø 10 mm - Length 60 mm		
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-2
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		
1/8" BSP - Female	1500 bar / 22K	RUN13-18F-2
1/8" NPT - Female	1000 bar / 15K	RUN13-18NF-2
3/8" UNF LH - Female	1500 bar / 22K	RUN13-M6LF-2
3/8" UNF RH - Female	1500 bar / 22K	RUN13-M6RF-2
Runner 18 - Diameter Ø 18 mm - Length 101 mm		
1/4" BSP - Female	1500 bar / 22K	RUN18-14F-2
1/4" NPT - Female	1000 bar / 15K	RUN18-14F-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		
3/8" BSP - Female	1500 bar / 22K	RUN24-38F-2
3/8" NPT - Female	1000 bar / 15K	RUN24-38NF-2
9/16" UNF LH - Female	1500 bar / 22K	RUN24-M9LF-2
9/16" UNF RH - Female	1500 bar / 22K	RUN24-M9RF-2