

DERC RUNNER NOZZLE

SPECIFICATIONS

CALDER



CONNECTION	MAX. PRESSURE	PART NO.
Runner 10 - Diameter Ø 10 mm - Length 60 mm		
M7x1 - Female	1400 bar / 20K	RUN10-M7F-2
5/16" UNF - Male (65mm)	1400 bar / 20K	RUN10-516M-2
1/16" NPT - Female	1000 bar / 15K	RUN10-116NF-2
1/4" UNF LH - Female	1400 bar / 20K	RUN10-M4LF-2
1/4" UNF RH - Female	1400 bar / 20K	RUN10-M4RF-2
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-M9LF-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-F-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

RUNNER NOZZLE

THE TUBE CLEANING NOZZLE
FOR ALL TUBES



HIGH EFFICIENCY TUBE CLEANING NOZZLE
PATENT PENDING DESIGN
WORKING PRESSURE UP TO 1500 BAR / 22K
BULLET SHAPE NOZZLE HEAD

CALDER

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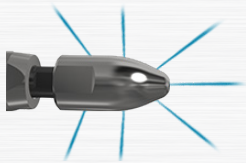


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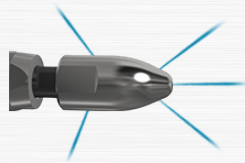
FEATURES

The DERC Runner Nozzle is a rotating tube cleaning nozzle, designed for cleaning heat exchanger tubes.

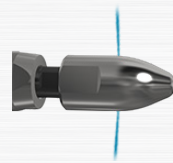
The DERC Runner Nozzle has a maximum working pressure of 1500 bar / 22K and is available with various nozzle heads to remove hard plugs or scales.



STANDARD HEAD (S)



UNPLUGGER HEAD (U)



POLISHER HEAD (P)

* Custom design configurations available on request.



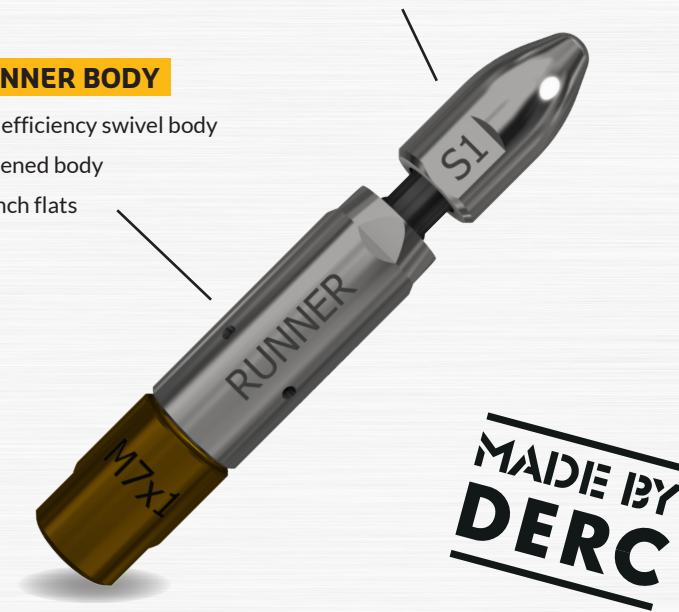
The DERC Runner Nozzle is now available in Ø 10, 13, 18 and 24 mm, other diameters are in development.

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