

RUNNER NOZZLE

THE TUBE CLEANING NOZZLE
FOR ALL TUBES

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

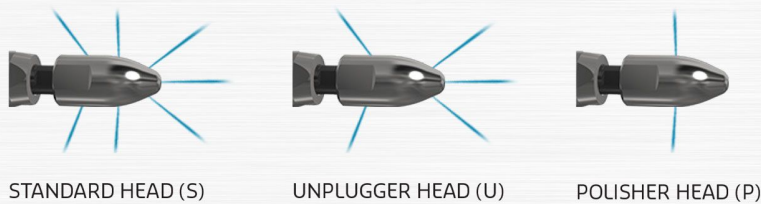
- > Hardened inlet cover to improve mechanical wear/ tear
- > Various connections

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

DERC RUNNER NOZZLE

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.



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

* Custom design configurations available on request.

DERC RUNNER NOZZLE

SPECIFICATIONS

CONNECTION	MAX. PRESSURE	PART NO.
Runner 10 - Diameter \varnothing 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 \varnothing 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

CONNECTION	MAX. PRESSURE	PART NO.
Runner 18 - Diameter \varnothing 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 \varnothing 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



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