



THE
SPRAY NOZZLE
PEOPLE

TRIM-D

Enhanced Laminar
Double Stream

Gatewood

Solid Stream

DESIGN FEATURES

- ✓ Hard wearing nozzle tips
- ✓ Long body for enhanced laminar flow
- ✓ Integrated filter option
- ✓ Stainless steel, ceramic, pyrex, or ruby orifice available
- ✓ Teflon or stainless steel drip shield
- ✓ Parallel or 10° streams available

SPRAY CHARACTERISTICS

- ✓ Solid stream
- ✓ Very high impact
- ✓ Low volume
- ✓ Shielded from drips and debris to ensure stream integrity



The Double Trim nozzles are specialist high impact, low volume, solid stream nozzles designed for the paper industry. These nozzles are used almost exclusively to trim fresh paper as it is made. They are designed to maintain a good laminar, stable jet, even at very high pressures. This means a powerful "needle" like jet that cuts through material very well. Due to high pressure of the fluid the orifices on these nozzles are made with high wear materials including ruby.

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The Go-to People for spray nozzle solutions

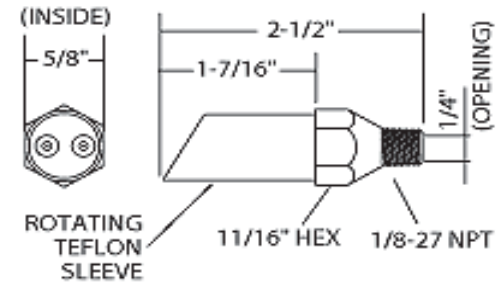
Ruby Tips

Ruby trim nozzles have incredibly hard wearing industrial ruby orifices which give an extended working life. These single stream trim nozzles have a high enhanced laminar flow jet that retains its stream integrity even at very high pressures.

Double 10° Stream Ruby Tip in stainless shell with PTFE shield



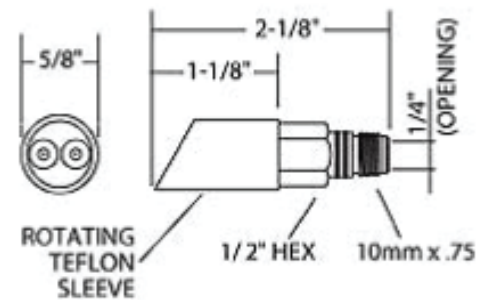
Size	Part #
0" x 2" RD1046SS	R1045SS
.015" x 2" RD1546SS	R1545SS
.020" x 2" RD2046SS	R2045SS
.025" x 2" RD2546SS	R2545SS
.030" x 2" RD3046SS	R3045SS
.035" x 2" RD3546SS	R3545SS
.040" x 2" RD4046SS	R4045SS
.050" x 2" RD5046SS	R5045SS



Double Parallel Stream Ruby Tip in stainless shell and PTFE shield



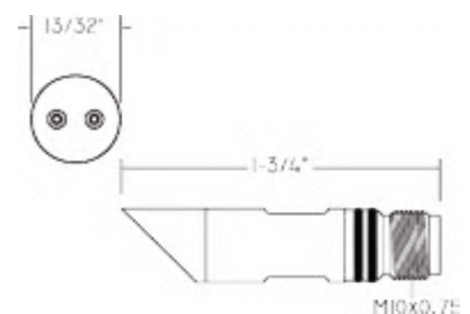
Size	Part #
.010" R-PRL1047SS	RS109MSS
.015" R-PRL1547SS	RS159MSS
.020" R-PRL2047SS	RS209MSS
.025" R-PRL2547SS	RS259MSS
.030" R-PRL3047SS	RS309MSS
.035" R-PRL3547SS	RS359MSS
.040" R-PRL4047SS	RS409MSS
.050" R-PRL5047SS	RS459MSS



Double Parallel Stream Ruby Tip in stainless shell and drip shield



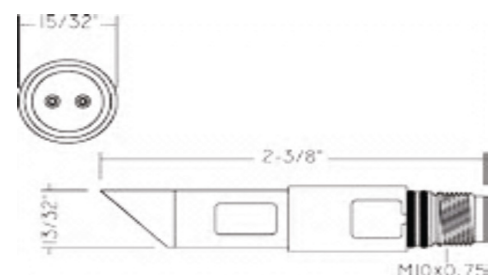
Size	Part #
.010" RS-PRL109MSS	RA109MSS
.015" RS-PRL159MSS	RA159MSS
.020" RS-PRL209MSS	RA209MSS
.025" RS-PRL259MSS	RA259MSS
.030" RS-PRL309MSS	RA309MSS
.035" RS-PRL359MSS	RA359MSS
.040" RS-PRL409MSS	RA409MSS
.045" RS-PRL459MSS	RA459MSS



Double Parallel Stream Ruby Tip in adjustable stainless shell & drip



Size	Part #
.010" RA-PRL109MSS	RA109MSS
.015" RA-PRL159MSS	RA159MSS
.020" RA-PRL209MSS	RA209MSS
.025" RA-PRL259MSS	RA259MSS
.030" RA-PRL309MSS	RA309MSS
.035" RA-PRL359MSS	RA359MSS
.040" RA-PRL409MSS	RA409MSS
.045" RA-PRL459MSS	RA459MSS



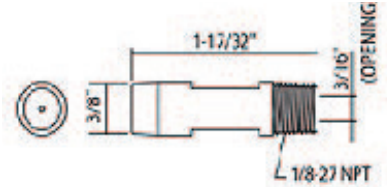
Stainless Tips

Stainless Steel tipped trim nozzles are hard wearing and economical. They come with a three different body types: a brass long shell body, a short hex stainless steel high pressure body, and a long stainless steel high pressure body.

Single stainless steel tip in brass long shell



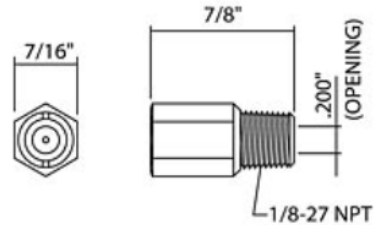
Size	10° Stream	Parallel Stream
.010" x 2	D105	PRL105
.012" x 2	D125	PRL125
.015" x 2	D155	PRL155
.018" x 2	D185	PRL185
.020" x 2	D205	PRL205
.023" x 2	D235	PRL235
.025" x 2	D255	PRL255
.015" + 0.02"	D15205	PRL15205



Single stainless steel tip in stainless steel short hex high pressure shell



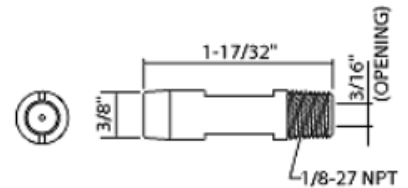
Size	10° Stream	Parallel Stream
.010" x 2	D108SS	PRL108SS
.012" x 2	D128SS	PRL128SS
.015" x 2	D158SS	PRL158SS
.018" x 2	D188SS	PRL188SS
.020" x 2	D208SS	PRL208SS
.023" x 2	D238SS	PRL238SS
.025" x 2	D258SS	PRL258SS
.015" + 0.02"	D15208SS	PRL15208SS



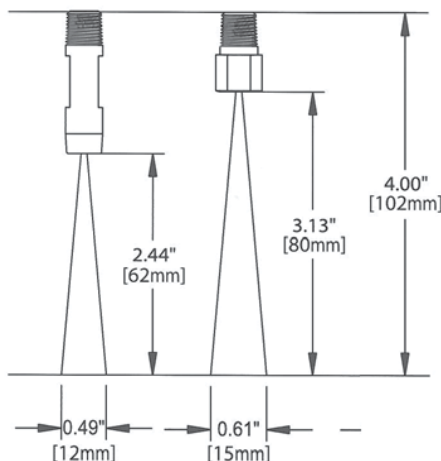
Single stainless steel tip in stainless steel long high pressure shell



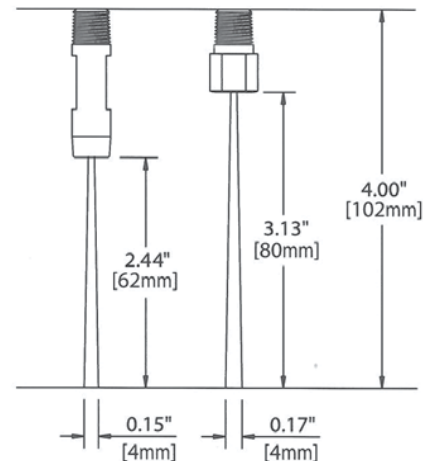
Size	10° Stream	Parallel Stream
.010" x 2	D1011SS	PRL1011SS
.012" x 2	D1211SS	PRL1211SS
.015" x 2	D1511SS	PRL1511SS
.018" x 2	D1811SS	PRL1811SS
.020" x 2	D2011SS	PRL2011SS
.023" x 2	D2311SS	PRL2311SS
.025" x 2	D2511SS	PRL2511SS
.015" + 0.02"	D152011SS	PRL152011SS



Double 10° Stream



Parallel Stream



Thread Adapters, Filter Screens & Accessories

We are continuously striving to provide the best technology in our designs. Our research and development is an on-going process. In addition, we provide a wide range of accessories to complement your nozzles. If your trim nozzle application requires special accessories - contact us

Thread Adapters

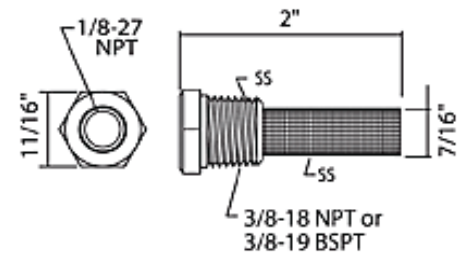


Part #	Description
M10FSS	10mm x 0.75 Female to 1/8 NPT Male Stainless Steel Note: Adapts Gatewood Double Parallel Stream Ruby Nozzle to 1/8 NPT Male
M10MSS	1/8 NPT Female to 10mm x .75 Male Stainless Steel Note: Adapts All Gatewood 1/8 NPT Nozzles to 10mm x 0.75 Female

Filter Screen with Stainless Bushing



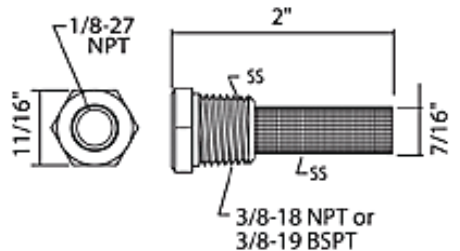
Size	10° Stream
40 Mesh	SA64
50 Mesh	SA65
60 Mesh	SA66
100 Mesh	SA6100R
40 Mesh BSPT	SA74
50 Mesh BSPT	SA75
60 Mesh BSPT	SA76
100 Mesh BSPT	SA7100R



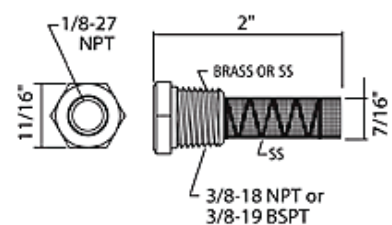
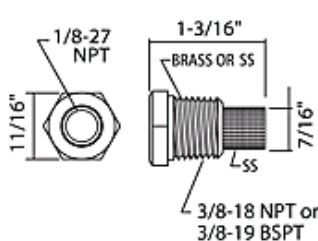
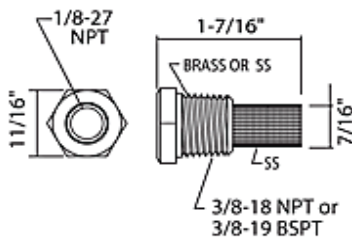
Filter Screen with Brass Bushing



Size	10° Stream
40 Mesh	A64
50 Mesh	A65
60 Mesh	A66
100 Mesh	A6100R
40 Mesh BSPT	A74
50 Mesh BSPT	A75
60 Mesh BSPT	A76
100 Mesh BSPT	A7100R



Other Screen Options



Short Screen			Extra Short Screen			Extra Short Screen		
Size	Brass	Stainless	Size	Brass	Stainless	Size	Brass	Stainless
50 Mesh	A65SHRT	SA65SHRT	50 Mesh	A65SHSH	SA65SHSH	40 Mesh	A64R	SA64R
						50 Mesh	A65R	SA65R
						60 Mesh	A66R	SA66R
						100 Mesh	A6100R	SA6100R
						200 Mesh	A6200R	SA6200R

Ask our technical sales engineers about additional products and services to optimise your spraying process.

Spray Calibration Solutions

Easy-to-use, fast measurement solutions to ensure accurate nozzle installation and maintenance, reduce water wastage and identify nozzle wear.



Spray Pattern & Droplet Distribution



Nozzle Flow Calibrators



Nozzle Cleaning Kit

Complete Spray Bars

Tailored nozzle selections and spray bar designs that integrate seamlessly with your new or existing setup.

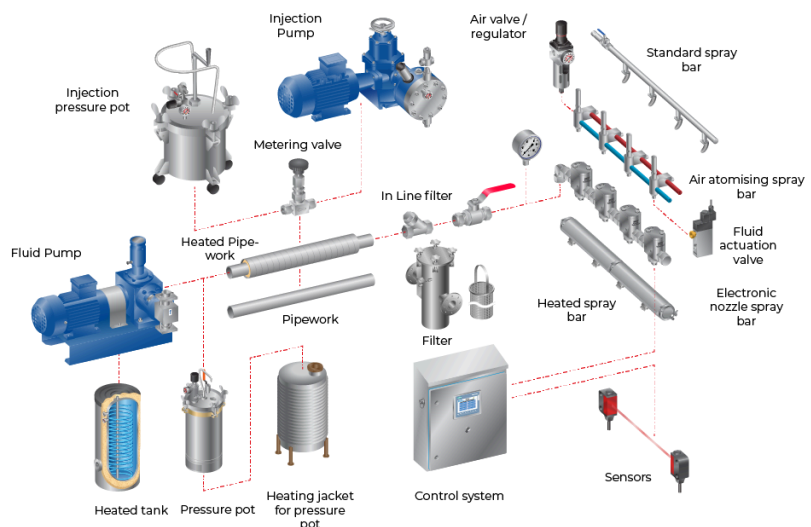
- ✓ Expert nozzle selection and placement
- ✓ Efficient spray coverage
- ✓ Fast turnaround time
- ✓ Reduced design burden
- ✓ High-quality spray bars



Complete Custom Spraying Systems

Complete spraying systems built around your goals and application.

- ✓ Tailored upstream components supplied individually or as part of complete system
- ✓ Custom pipework, pumps, tanks, sensors, valves, heating, control panels and more
- ✓ Seamless integration with existing processes
- ✓ Built to budget and ROI targets
- ✓ End-to-end support: design, install, maintain



THE GO-TO PEOPLE FOR SUCCESSFUL SPRAY ENGINEERING