

## HRR spinning nozzles

<https://ehle-hd.com/en/product/hrr-spinning-nozzles/>



**The semiradial (HRR) nozzle with 4 backwards-pointing cutting jets.** The 4 cutting jets are oriented 43° backwards and produce the forward traction and accomplish the cleaning itself. Thus, the spinning drive and thrust jets are part of the same function. As with all spinning nozzles with a water gap guide, the spinning motion is produced by a rotor sliding on the water film around the stator axis.

For use with nominal diameters of DN 150 and above; with water reclaiming trucks we recommend our [Blue 100 rotation nozzle](#).

### Features

#### *Fields of application:*

- tubes between DN 25 and DN 300
- removal of deposits, small and soft roots
- higher traction force
- preparation a tube for the use of **Ehle root cutters**

## Attributes

Image	SKU	Productname	Attributes	LxWxH & Weight
	1120071	1/4" HRR spinning nozzle d16	<b>connection:</b> 1/4" female thread <b>application from:</b> 25 - 75 mm <b>water supply:</b> from 11 lpm <b>thrust nozzles:</b> (-) <b>thrust jet angle:</b> (-) <b>spinning nozzles:</b> 4x with bore <b>spinnig jet angle:</b> rotation 43°	30 × 16 × 16 mm 0.03
	1120073	1/4" HRR spinning nozzle d22	<b>connection:</b> 1/4" female thread <b>application from:</b> 40 - 100 mm <b>water supply:</b> from 15 lpm <b>thrust nozzles:</b> (-) <b>thrust jet angle:</b> (-) <b>spinning nozzles:</b> 4x with bore <b>spinnig jet angle:</b> rotation 43°	50 × 22 × 22 mm 0.10
	1120075	1/4" HRR spinning nozzle d28	<b>connection:</b> 1/4" female thread <b>application from:</b> 40 - 100 mm <b>water supply:</b> from 30 lpm <b>thrust nozzles:</b> (-) <b>thrust jet angle:</b> (-) <b>spinning nozzles:</b> 4x M4 <b>spinnig jet angle:</b> rotation 43°	58 × 28 × 28 mm 0.20
	1120076	1/2" HRR spinning nozzle d40	<b>connection:</b> 1/2" female thread <b>application from:</b> 60 - 150 mm <b>water supply:</b> from 50 lpm <b>thrust nozzles:</b> 3x M6 <b>thrust jet angle:</b> 25° <b>spinning nozzles:</b> 4x M6 <b>spinnig jet angle:</b> rotation 43°	78 × 40 × 40 mm 0.60
	1120077	3/4" HRR spinning nozzle d40	<b>connection:</b> 3/4" female thread <b>application from:</b> 60 - 150 mm <b>water supply:</b> from 80 lpm <b>thrust nozzles:</b> (-) <b>thrust jet angle:</b> (-) <b>spinning nozzles:</b> 4x M6 <b>spinnig jet angle:</b> rotation 43°	78 × 40 × 40 mm 0.60
	1120078	1" HRR spinning nozzle d60	<b>connection:</b> 1" female thread <b>application from:</b> 100 - 300 mm <b>water supply:</b> from 120 lpm <b>thrust nozzles:</b> 4x M6 <b>thrust jet angle:</b> 25° <b>spinning nozzles:</b> 4x M6 <b>spinnig jet angle:</b> rotation 43°	96 × 60 × 60 mm 0.60